7 BREW COFFEE

BRYANT, AR #2 24198 7BBA2

AUGUST 15, 2024 PERMIT SET

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GENERAL NOTES ISOMETRIC VIEWS FOUNDATION & DETAILS DRIVE THRU CANOPY FRAMING DETAILS

SCOPE OF WORK SCHEDULE

SITE WORK INCLUDING BUT NOT LIMITED TO GRADING, PAVING, LANDSCAPING AND

CONSTRUCTION ITEM

SITE LIGHTING

SITE SIGNAGE

EQUIPMENT LISTED IN EQUIPMENT SCHEDULE

UTILITY EXTENSION TO BUILDING LOCATION.

SITE AND FOUNDATION RELATED INSPECTIONS

SITE ELECTRICAL, PLUMBING AND MECHANICAL CONNECTIONS

INSTALLATION OF MECHANICAL EQUIPMENT INCLUDING BUT NOT

TRASH ENCLOSURE GATES, HINGES/CLAMPS TO BOLLARDS, AND THEIR INSTALLATION.

LIMITED TO DUCTWORK, RTU'S, AHU'S, GRILLES, ETC.

PLUMBING FIXTURES INSIDE OR TOUCHING THE BUILDING

INTERIOR CLADDING AND FINISHES

COUNTERTOPS/TABLES

BUILDING SIGNAGE

SLIDING DOORS

LOW VOLTAGE EQUIPMENT

CANOPIES

LIGHTING FIXTURES (EXCEPT SITE LIGHTING)

ARCHITECTURAL

AD1.1 ARCHITECTURAL DEMOLITION ARCHITECTURAL DEMOLITION ARCHITECTURAL DEMOLITION

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M1.1 UNDERSLAB PLUMBING PLAN M1.2 PLUMBING PLAN **HVAC PLAN**

SCHEDULES AND DETAILS

RESPONSIBLE PARTY

INSTALLED (EXCEPT EQ-9)

GC PROVIDED, GC INSTALLED.

GC TO PROVIDE ELECTRICAL AND

CMC, MANUFACTURE AND DELIVER

PROVIDED BY CMC, GC INSTALLED

CMC, DELIVER AND INSTALL

CMC, COMPLETED ON SITE

CMC, DELIVER AND INSTALL

REFER TO SYSTEMS PLAN KEYNOTES

FOUNDATIONS. OWNER VENDOR TO PROVIDE SIGNS AND INSTALL.

OWNER PROVIDED, OWNER VENDOR

ELECTRICAL

E2.1 POWER PLAN

INFILL OF AN EXISTING RESTAURANT TO CONVER IT INTO A 7 BREW COFFEE PLACE. COFFEE, TEA AND ENERGY DRINKS ARE



DREW RODIGER PROJECT MANAGER C: 417-425-4546



CIVIL ENGINEER:



STRUCTURAL ENGINEER:



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

engineering consultants



Engineering | Energy | Innovation



AUTHORITY HAVING JURISDICTION: CITY OF BRYANT

USE GROUPS:

APPLICABLE BUILDING CODES: **CURRENT ZONING:**

2021ARKANSAS FIRE PREVENTION CODE - BUILDING, 2020 NEC, 2012 IEBC, 2009 IECC C-2, COMMERCIAL

B, BUSINESS

CONSTRUCTION TYPE: V-B

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

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



E: DREW@CMCMOD.COM

OWNER/DESIGN CONSULTANT E: LEE@CMCMOD.COM





DIRECTOR OF CONSTRUCTION C: 479-445-3533 E: SCOTT@7BREWCREW.COM

CONSULTANTS

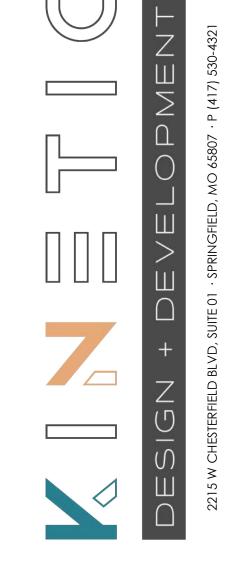


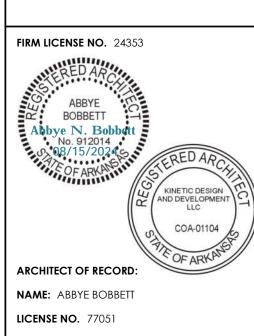
SPRINGFIELD, MO 65804

MECHANICAL, ELECTRICAL, PLUMBING ENGINEER:



VICINITY MAP





PROJECT NUMBER: 24198 7BBA2 **REVISION:**

PROJECT SITE

COVER SHEET

EB NO.	EQ NO.	QTY.	MANUFACTURER	PRODUCT	PRODUCT NO.	SIZE	NOTES	
#1	EQ-1	1	NORLAKE / KOLPAK / APPROVED EQ	REMOTE WALK-IN COOLER		675 CUBIC SF	В	
	EQ-1.2	1	NORLAKE - CAPSULE PAK / APPROVED EQ	WALK-IN CONDENSER	CPB100JC-E-4-EV		В	
#9	EQ-2	1	GRINDMASTER	DISPENSER	WTH20			
	EQ-3	1	LA MARZOCCO	ESPRESSO MACHINE	LINEA PB (AV) - 3			
	EQ-4	2	LA MARZOCCO	ESPRESSO MACHINE	LINEA PB (AV) - 4			
#2	EQ-5	2	MANITOWOC	ICE MAKER HEADS	IYF 1800 C		Α	
#3	EQ-6	1	MANITOWOC	ICE MAKER BIN	LB 1760	60"		
	EQ-7	27	TORRANI	SYRUP RACK			С	
	EQ-8	3	VITAMIX	BLENDER			C, H	
	EQ-9	4	BUILDING MANUFACTURER	STAINLESS STEEL STORAGE SHELVING		(A) SS 36" X 36" X 37" (B) SS 36" X 60" X 66" (C) SS 12" X 33" X 80" (D) SS 14" X 18" X 36"	B, D, G	
#10	EQ-10	2	SPACEMAN	CHILLER MACHINE	6695-C			
	EQ-10.1	1	PROVIDED BY CMC	STAND/ ROLLING CART	CART - 550			
	EQ-11	3	MAZZER	COFFEE BEAN GRINDER	ROBUR S NERO			
	EQ-12	1	MAZZER	DECAF COFFEE BEAN GRINDER	SUPER JOLLY PRO V (E) NERO			
	EQ-13	3	RUBBERMAID	TRASH CONTAINER			C, E	
#13	EQ-14	1	ATOSA	REFRIGERATED MERCHANDISER	MCF8723GR	54"	В	
#4	EQ-15	3	JOHN BOOS	MOBILE ICE BINS	513034 CL-24 CCAB-31	36"	В	
#12.1	EQ-16	1	ATOSA	UNDERCOUNTER REFRIGERATOR	MGF36RGR	36"	В	
	EQ-17	3	STRONGWAY	AIR CURTAIN	49947	36"	D	
#14.2	EQ-18	4	BLEND TECH	RAPID RINSER			В	
#14.1	EQ-19	3	T&S BRASS	RINSE WELL W/ STEM	B-2282-01-F05			
#14.3	EQ-20	1	ATOSA	HAND WASH SINK	MRS-HS-18(W)	18" X 14" X 5"	В	
#15	EQ-21	2	QUANTUM	WALL MOUNTED SHELF	1448GY	48" X 14"	B, E	
	EQ-22	4	EPOXY COATED SHELVING UNIT	COOLER SHELVING		(2) 24" X 48" (2) 24" X 60"	B, F	
	EQ-23	0	STAINLESS WALL SHELF	WALL MOUNTED SHELF		36" X 14"	В	
	EQ-24	1	MULTI PURPOSE DRY CHEMICAL (2A:10BC) FIRE EXTINGUISHER	FIRE EXTINGUISHER	PER NFPA 10		C, I	

EQUIPMENT SCHEDULE NOTES:

- A. REMOTE CONDENSOR IF 1800C B. EQUIPMENT MANUFACTURER SPEC IS OPTIONAL BUT MUST BE EQUAL APPROVED BY 7BREW - U.N.O. PROVIDED BY SMALLWARES PROVIDER
- PROVIDED BY BUILDING MANUFACTURER
- NOT SHOWN ON FLOOR PLAN, REFER TO INTERIOR ELEVATIONS NOT SHOWN ON FLOOR PLAN, REFER TO A7.1
- G. EQ-9D NOT ANCHORED AND LOCATION IS APPROXIMATE.

PROVIDED AND INSTALLED BY GC **GENERAL SCHEDULE NOTES:**

ALL EQUIPMENT TO BE INSTALLED BY A LICENSED INSTALLER AND TO THE MANUFACTURERS SPECIFICATIONS

FINISH	MATERIALS SCHE	DULE	T	T
YMBOL	ITEM	DESCRIPTION	REMARKS	FINISH CLASSIFICATION
W1	FRP WALL PANEL	MARLITE OR APPROVED EQUAL FINISH: P100 SIZE: 4' X 9' X 3/32"	SERVICE AREA WALL FINISH	CLASS A
W2	GYP BOARD	USG SHEETROCK BRAND ECOSMART PANELS MANUFACTURER PRODUCT SIZE	DINING ROOM	CLASS A
MP-1	METAL SIDING	PAC-CLAD 16" METAL WALL PANEL COLOR: CITYSCAPE	EXTERIOR FINISH AND TRASH ENCLOSURE	
MP-2	BRAKE METAL	COLOR: PACIFIC BLUE FINISH: SMOOTH	METAL ROOF, COPING AND CANOPY COLUMNS	
MP-3	BRAKE METAL	COLOR: MATTE BLACK FINISH: SMOOTH	METAL SOFFIT	
MP-4	BRAKE METAL	COLOR: CITYSCAPE FINISH: SMOOTH	METAL COPING AT SIDE WALLS	
Fl	RESILIENT VINYL FLOORING	PROTECT-ALL FLOORING COLOR: LIGHT GRAY	SERVICE AREA	
В1	METAL COVE BASE	METAL BASE COLOR: WHITE	SERVICE AREA	
B2	VINYL COVE BASE	EQUAL TO JOHNSONITE 4" VINYL COVE BASE. COLOR TO BE APPROVED BY OWNER.	DINING ROOM	
C1	VINYL FACED CEILING TILES	2X2	DINING ROOM AND SERVICE AREA WHERE EXISTING GRID IS TO BE UTILIZED	CLASS A
C2	VINYL FACED CEILING TILES	2X4	ALL LOCATIONS TO RECEIVE NEW CEILING GRID AT BACK OF HOUSE	CLASS A

FINISH MATERIALS SCHEDULE NOTES:

- a. ALL BUILDING FINISH ITEMS ARE PROVIDED BY CMC.
- b. CEILING AND WALLS ARE PRE-FINISHED/FACTORY FINISHED AND DO NOT REQUIRE PAINTING IN FIELD.

SUSTAINABILITY GUIDELINES

THE FOLLOWING GUIDELINES TO BE USED BY GENERAL CONTRACTOR ARE VOLUNTARY IN NATURE. IT IS HIGHLY RECOMMENDED THAT THE GENERAL CONTRACTOR FOLLOW THESE GUIDELINES TO THE EXTENT IT IS FEASIBLE.

- 1. IMPROVE INDOOR AIR QUALITY:
- A. REDUCE CONSTRUCTION DUST AND AIR PARTICULATES WITH DUST CONTAINMENT SYSTEMS AND/OR SHUT OFF CIRCULATING AIR. B. CHANGE HVAC FILTERS AT THE CONCLUSION OF THE JOB. C. USE LOW V.O.C. PAINTS, ADHESIVES, SEALANTS, ETC

PREFABRICATED BUILDING

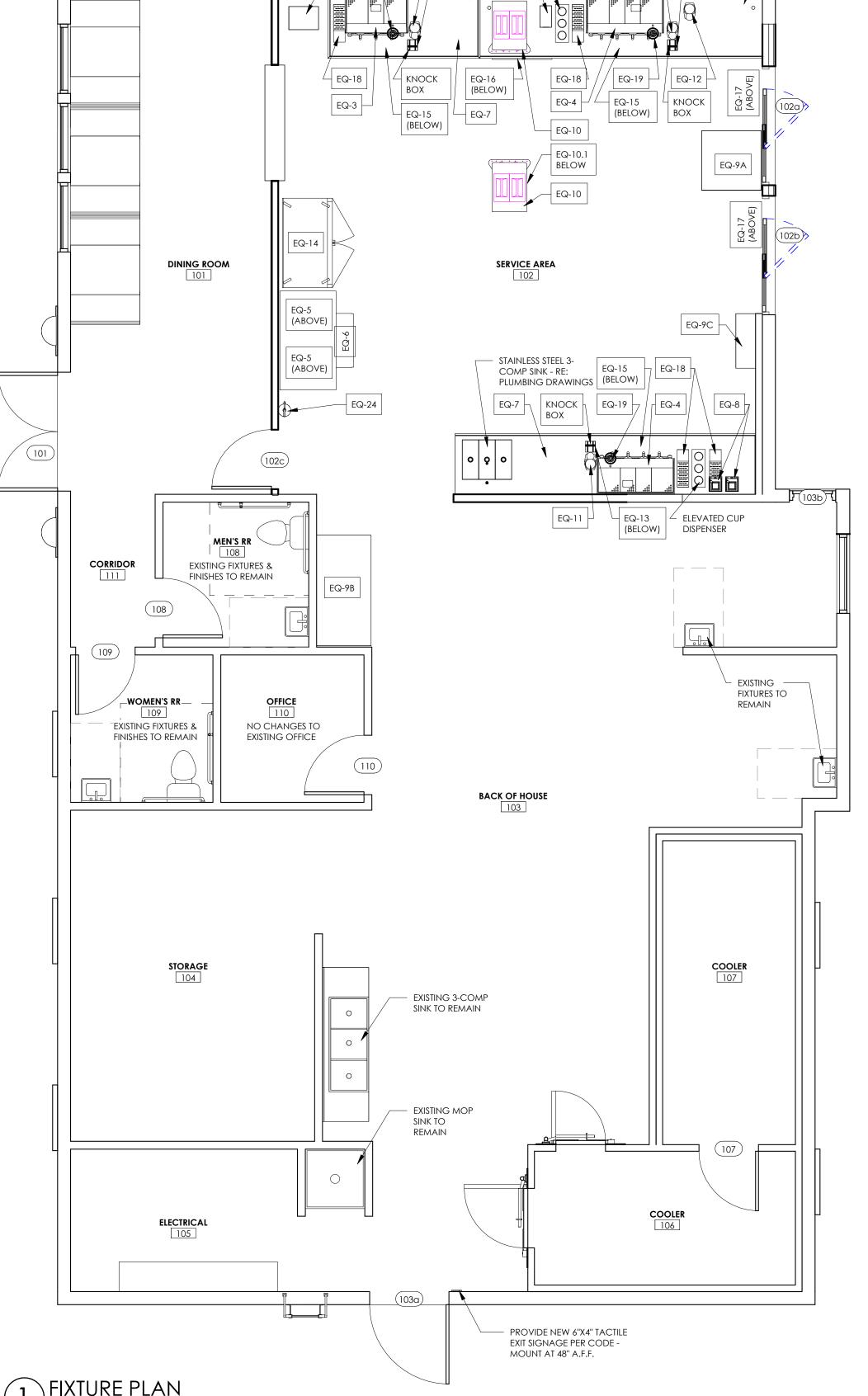
THIS BUILDING IS BEING FABRICATED IN A CONTROLLED ENVIRONMENT AND TRANSFERRED THIS BUILDING WILL BE FULLY INSPECTABLE ON SITE. 3RD PARTY INSPECTIONS WILL BE PROVIDED FOR STRUCTURAL, FRAMING, BUILDING, PLUMBING AND ELECTRICAL.

EQ-9D | EQ-19 | EQ-11 |

GENERAL CONSTRUCTION PROCEDURES TYPICAL SYMBOL LEGEND

- 1. ALL CONSTRUCTION SHALL BE EXECUTED IN STRICT COMPLIANCE WITH ALL LOCAL CODES AND ORDINANCES. GENERAL CONTRACTOR SHALL COMPLY WITH ALL CONSTRUCTION REGULATIONS AND PROCEDURES ESTABLISHED BY THE
- 2. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING APPLICATIONS FOR AND PROCURING ALL PERMITS AND CERTIFICATES AS MIGHT BE REQUIRED BY GOVERNING AGENCIES AND SHALL BEAR THE COST FOR SUCH PERMITS AND CERTIFICATES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS OF THE SITE. EVERY EFFORT HAS BEEN MADE TO ENSURE ACCURATE CONSTRUCTION DOCUMENTS, BUT IF A CONFLICT EXISTS, THE GENERAL CONTRACTOR SHALL CONTACT THE ARCHITECT IMMEDIATELY FOR CLARIFICATION. THESE DOCUMENTS INDICAT THE DESIGN INTENT AND IF EXISTING CONDITIONS ARE IN CONFLICT THE GENERAL CONTRACTOR SHALL CONTACT THE ARCHITECT IMMEDIATELY FOR CLARIFICATION.
- 4. THE GENERAL CONTRACTOR SHALL MAINTAIN DIRECT SUPERVISION OVER ALL SUBCONTRACTORS AND SHARE responsibility for their performance and quality of work. A list of all subcontractors shall be provided TO THE OWNER AND THE ARCHITECT. A COPY OF THIS LIST SHALL BE POSTED ON THE JOB SITE. ALL SIGNAGE AND MOUNTING DEVICES SHALL BE PROVIDED, AND ALL SIGNAGE APPOVALS OBTAINED, BY OWNERS SIGN
- CONTRACTOR, GENERAL CONTRACTOR SHALL PROVIDE ELECTRICAL POWER AS REQUIRED AND ENSURE SUFFICIENT SPACE AND CLEARANCE IS PROVIDED FOR PROPER INSTALLATION. SIGNAGE CONTRACTOR SHALL APPLY FOR AND SECURE ALL APPROVALS REQUIRED BY ALL LOCAL GOVERNING AGENCIES AND SUPPLY ANY DRAWINGS OR GRAPHIC REPRESENTATIONS REQUIRED BY LANDLORD.
- 6. ALL CONCEALED WOOD BLOCKING USED IN CONSTRUCTION SHALL BE FIRE-RETARDANT TREATED (IF APPLICABLE). GENERAL CONTRACTOR SHALL PERFORM AND/OR CAUSE TO BE PERFORMED ALL WORK IN A FIRST-CLASS WORKMANLIKE MANNER AND IN ACCORDANCE WITH EACH TRADE'S ESTABLISHED PROCEDURES AND MANUFACTURER'S
- RECOMMENDATIONS FOR PRODUCT USE AND INSTALLATION.
- 8. ALL PRODUCTS USED ON THIS PROJECT SHALL BE FIRST QUALITY, NEW, AND FREE OF ASBESTOS OR OTHER ENVIRONMENTALLY UNSAFE SUBSTANCES.
- 9. MILLWORK, BASE, DESIGNATED TRIM, ETC. SHALL BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR WHERE INDICATED ON THE DRAWINGS AND/OR SCHEDULES.
- 10. GENERAL CONTRACTOR SHALL CONTACT ARCHITECT PRIOR TO CONSTRUCTION START DATE TO CONFIRM THAT THEY HAV THE LATEST APPROVED CONSTRUCTION DOCUMENTS FOR THIS LOCATION.

(BELOW)

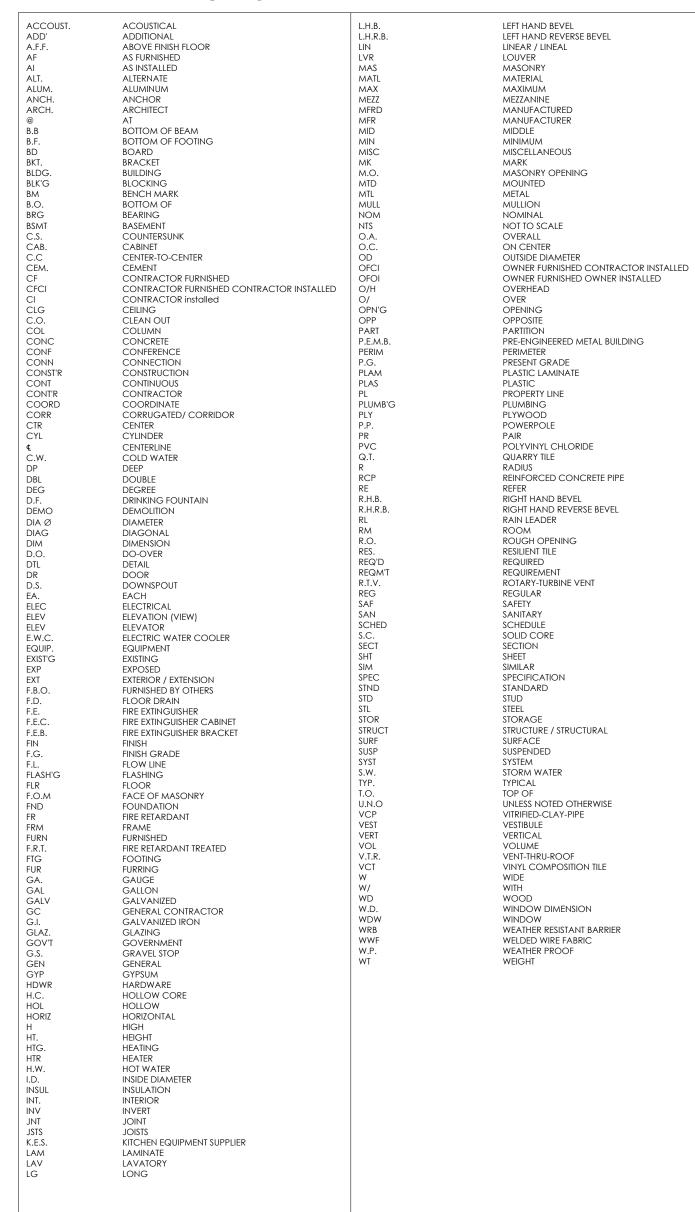


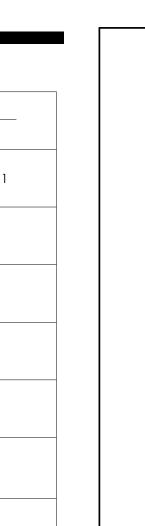
ID	DETAIL NUMBER SHEET NUMBER DETAIL DESIGNATION 12/A3.4	ELEVATION HEIGHT	T.O. WALL 106'-0"
E.	SQUARE FOOTAGE ROOM NUMBER ROOM TAG 101 ### SF	ELEVATION TAG	1 A0.0 1
)	DOOR TAG (000A)	CEILING HEIGHT	0'-0"
N	SECTION CUT TAG L _ 1 101	WINDOW TAG	(WI)
Έ	ROOF SLOPE 2	REVISION DELTA	\triangle
	WALL TYPE/ PARTITION TYPE	GRID BUBBLE	0.00
VE -	WALL PARTITION	ENLARGED DETAIL	
	EXISTING WALL	FINISH TAG	PT-1

MATERIAL INDICATION

CONCRETE	4	FINISHED WOOD	
DIMENSIONAL LUMBER		GYPSUM BOARD	
RIGID INSULATION		PLYWOOD	
BATT OR BLOWN INSULATION		GLASS	
EARTH/BACKFILL		СМИ	

ABBREVIATIONS







LICENSE NO. 77051 PROJECT NUMBER: 24198 7BBA2

REVISION:

NAME: ABBYE BOBBETT

BREW

GENERAL NOTES & SCHEDULES

SITE DEVELOPMENT PLANS FOR



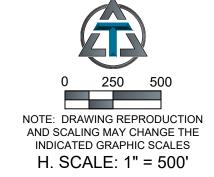
BRYANT, AR

2006 NORTH REYNOLDS ROAD BRYANT, AR

PROJECT NUMBER: 85 081

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DETAILS	C7.2









ENGINEER OF RECORD:

NAME: SHAWN W. BARRY

LICENSE NO. AR #PE-16815

PROJECT NUMBER: 85 081

REVISION:

YANT, AR

C 0.0

COVER SHEET

CIVIL LEGENDS

	ABBREVIATIONS		SYMBOLS	LINETYPES		
ВС	BACK OF CURB	•	MARKER STONE	——————————————————————————————————————	PROPERTY LINE	
CC	STANDARD CATCH CURB	∇	RIGHT OF WAY MARKER		RIGHT OF WAY LINE	
CL	CENTER LINE	•	IRON PIN FOUND	s	SANITARY SEWER LINE	
CMP	CORRUGATED METAL PIPE	•	IRON PIN SET	FM	SANITARY SEWER FORCE MAIN	
EP	EDGE OF PAVEMENT	*	CUT CROSS	st	STORM SEWER LINE	
EX	EXISTING		CONTROL POINT	IRR	IRRIGATION WATER LINE	
FES	FLARED END SECTION	+	BENCHMARK		FLOW LINE	
FL	FLOW LINE	<u>\$</u>	SANITARY SEWER MANHOLE	OHE	OVERHEAD ELECTRIC LINE	
GT	GUTTER INVERT	(D)	STORM SEWER INLET	——— UE ———	UNDERGROUND ELECTRIC LINE	
GY	GUY WIRE	\bigcirc	TELEPHONE MANHOLE	G	GAS LINE	
HDPE	HIGH DENSITY POLYETHYLENE	Q	POWER POLE	w	WATER LINE	
INV	INVERT	\in	GUY ANCHOR	c	COMMUNICATIONS LINE	
LF	LINEAR FEET	-×-	LIGHT POLE	—— т ——	TELEPHONE LINE	
MC	MOUNTABLE CURB		TELEPHONE RISER	——— FO ———	FIBER OPTIC LINE	
R/W	RIGHT-OF-WAY	TR •	GAS VALVE	CTV	CABLE TELEVISION	
RCP	REINFORCED CONCRETE PIPE		GAS METER	o	CHAIN LINK FENCE	
sc	SPILL CURB	\bowtie	WATER VALVE	x	BARBED WIRE FENCE	
ТВ	TOP OF BASE ROCK	\otimes	WATER METER		WOOD FENCE	
тс	TOP OF CURB	X	FIRE HYDRANT	1000	EXISTING MAJOR CONTOUR	
TG	TOP OF GROUND	IRR	IRRIGATION VALVE	— — —1001— — —	EXISTING MINOR CONTOUR	
TP	TOP OF PAVEMENT		WELL	1000	PROPOSED MAJOR CONTOUR	
TS	TOP OF SIDEWALK	Ш МВ	MAIL BOX	1001	PROPOSED MINOR CONTOUR	
TW	TOP OF WALL	МВ	POST	~~~~	TREE LINE	
TGV	TOP OF GRAVEL	O	CLEANOUT			
EX TP	EXISTING TOP OF PAVEMENT	-0	SIGN			
		AC	AIR CONDITIONING UNIT			

PROJECT CONTROL

BENCHMARKS

CONTROL DERIVED FROM OPUS SOLUTION, ARKANSAS STATE PLANE COORDINATE SYSTEM, AR-SF ZONE, NAD '83 FOR HORIZONTAL VALUES AND NAVD'88 FOR VERTICAL VALUES.

SURVEY NOTES:

THE BOUNDARY LINES SHOWN HEREON ARE BASED ON A SURVEY PERFORMED JULY 8, 2024 BY HOPE CONSULTING, ARKANSAS PROFESSIONAL LAND SURVEYOR NO. 1664 AND IS NOT A PRODUCT OF TOTH &

CONTROL POINT TABLE

POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 5000	20859.0520	62786.9230	392.01	FRB
CP 5100	21157.5040	62344.3580	388.43	ALUMINUM MON
CP 5105	20725.5650	62947.4720	387.89	FRB
CP 5107	20816.7210	62828.2580	389.27	FRB

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

HB SEMINOLE, LLC 2006 REYNOLDS ROAD BRYANT, ARKANSAS 72022





ENGINEER OF RECORD:

NAME: SHAWN W. BARRY

LICENSE NO. AR #PE-16815

PROJECT NUMBER:

REVISION:

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 ALI PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

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, IN, ON OR NEAR THE CONSTRUCTION SITE.

UTILITY DISCLAIMER

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

USE OF CONSTRUCTION DOCUMENTS

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.

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2. DRAWING REPRODUCTION AND SCALING MAY ALTER THE INDICATED GRAPHIC SCALES.

GENERAL CIVIL NOTES

- 1. THE GENERAL NOTES ON THE DRAWINGS ARE INTENDED TO SUPPLEMENT THE GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS. WHEN THE NOTES ON THE DRAWINGS CONFLICT WITH THE TECHNICAL REQUIREMENTS OUTLINED IN THE SPECIFICATIONS, THE MORE STRINGENT CRITERIA WILL GOVERN.
- 2. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THESE DRAWINGS, THE PROJECT TECHNICAL SPECIFICATIONS, AND THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE LOCAL AUTHORITY, UNLESS OTHERWISE NOTED.
- 3. ALL TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) DURING CONSTRUCTION ACCESS SHALL BE MAINTAINED FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC. THE FIRE, POLICE AND AMBULANCE DEPARTMENTS, SCHOOL BUS COMPANIES AND POST OFFICE ARE TO BE NOTIFIED 48 HOURS PRIOR TO ANY ROAD CLOSINGS.
- 4. 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 PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES DURING CONSTRUCTION CONTRACTOR SHALL FIFLD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES OR GRADING ACTIVITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
- 5. EXISTING UNDERGROUND UTILITIES IN THE VICINITY OF THE WORK TO BE DONE ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE OR DISCOVERED BY THE ENGINEER IN PREPARATION OF THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. INCLUDING SERVICE CONNECTIONS. IN ADVANCE OF CONSTRUCTION ACTIVITIES BY CONTACTING THE OWNERS THEREOF AND BY PROSPECTING. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE OWNER AND ENGINEER IN WRITING OF ANY DISCREPANCIES WITH THE PLAN INFORMATION. ALL DAMAGE TO EXISTING UTILITIES, INCLUDING SERVICE CONNECTIONS, SHALL BE REPAIRED BY AND AT THE EXPENSE OF THE CONTRACTOR.
- 6. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND ENGINEER.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND OWNER WILL PAY ALL FEES AS REQUIRED BY PERMITS FOR THIS CONSTRUCTION.
- 8. ALL WORK WITHIN ROAD RIGHT OF WAY SHALL CONFORM TO EITHER THE LOCAL JURISDICTION OR THE STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS; WHICH EVER IS APPLICABLE.
- 9. ALL TRENCHES CROSSING THROUGH PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED CRUSHED STONE MATERIAL AS PER PROJECT DETAILS AND SPECIFICATIONS.
- 10. ALL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
- 11. ANY ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS SHOWN ON
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PUBLIC STREETS IN THE VICINITY OF THE JOB CLEAN AND FREE OF ROCKS, SOIL AND DEBRIS.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE RIGHT OF WAY AND FOR DAMAGED IMPROVEMENTS SUCH AS CURBS, SIDEWALKS, STREET LIGHT AND TRAFFIC SIGNAL JUNCTION BOXES, TRAFFIC SIGNAL LOOP WIRING, SIGNAL POLES AND ETC. DAMAGED IMPROVEMENTS SHALL BE REPAIRED IN CONFORMANCE WITH THE LATEST CITY AND STATE REGULATIONS AND TO THEIR SATISFACTION.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION AS OUTLINED IN THE EROSION CONTROL PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). IF APPLICABLE EROSION CONTROL PROCEDURES SHALL BE IN PLACE PRIOR TO GRADING ACTIVITIES.
- 15. THE CONTRACTOR SHALL CLEAN OUT ALL INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT THE COMPLETION OF SITE WORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER AND LOCAL JURISDICTION.
- 16. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS. ANY PROPERTY CORNERS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED, AT THE CONTRACTOR'S EXPENSE
- 17. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, AND ONE (1) COPY OF THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE SITE AT ALL TIMES.
- 18. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS AND/OR INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID. NO EXTRA COSTS WILL BE PAID TO THE CONTRACTOR DUE TO UNANTICIPATED EXISTING CONDITIONS AND/OR INSTALLATIONS. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.

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. TRANSPORT THE SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
- 3. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED ON THIS PROJECT
- THE CONTRACTOR SHALL CONDUCT THE DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
- THE CONTRACTOR SHALL INSURE SAFE PASSAGE OF PERSONS AROUND THE DEMOLITION AREA. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDING STRUCTURES AND OTHER FACILITIES THAT ARE TO REMAIN; AND INJURY TO
- 6. PROVIDE INTERNAL AND EXTERNAL SHORING, BRACING OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF ANY STRUCTURES TO BE DEMOLISHED AND ANY ADJACENT FACILITIES TO REMAIN.
- 7. MAINTAIN EXISTING UTILITIES INDICATED TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT ALL UTILITIES SERVING ANY STRUCTURES TO BE DEMOLISHED, PRIOR TO START OF DEMOLITION WORK.

DEMOLITION

- 1. POLLUTION CONTROLS: USE WATER SPRINKLING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AIR. COMPLY WITH GOVERNMENT REGULATIONS PERTAINING TO ENVIRONMENTAL
- 2. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITIONS AS THEY EXIST PRIOR TO START OF WORK.
- 3. BREAK UP AND REMOVE CONCRETE SLABS ON GRADE, UNLESS OTHERWISE SHOWN TO REMAIN.
- 4. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND OTHER BELOW GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS, TO A DEPTH OF NOT LESS THAN 12" BELOW THE LOWEST FOUNDATION LEVEL.
- 5. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION AS OUTLINED BELOW.
- 6. USE SATISFACTORY SOIL MATERIALS AS DEFINED IN THE GEOTECHNICAL ENGINEERING REPORT, IF AVAILABLE, CONSISTING OF STONE, GRAVEL AND SAND, FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS AND OTHER ORGANIC MATTER.
- 7. PRIOR TO PLACEMENT OF FILL MATERIAL, ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST OR FROZEN MATERIAL, TRASH AND DEBRIS.
- 8. PLACE FILL MATERIAL IN HORIZONTAL LAYERS AT DEPTHS AND MOISTURE CONTENTS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEERING REPORT, IF AVAILABLE.
- 9. AFTER FILL PLACEMENT AND COMPACTION, GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE FLOW TO SURFACE STRUCTURES.
- 10. ALL TREES INDICATED TO BE REMOVED SHALL BE REMOVED IN ACCORDANCE WITH THE STATE PARKS AND WILDLIFE'S WILD HABITAT ASSESSMENT PROGRAM FOR THE SITE PER PROJECT SPECIFICATIONS. TREES ON THE SITE MAY BE SAFELY REMOVED FROM NOVEMBER 1 THROUGH MARCH 31. IF ANY TREES NEED TO BE REMOVED OUTSIDE OF THIS TIMEFRAME. CONTRACTOR SHALL FOLLOW BEST PRACTICES AS PRESCRIBED BY THE US FISH AND WILDLIFE SERVICE TO PRESERVE THE HABITAT OF ANY ENDANGERED SPECIES POTENTIALLY PRESENT ON SITE.

DISPOSAL OF DEMOLISHED MATERIALS

- 1. REMOVE FROM SITE ACCUMULATED VEGETATION, DEBRIS, RUBBISH AND OTHER MATERIAL RESULTING FROM THE DEMOLITION OPERATION.
- 2. BURNING OF COMBUSTIBLE MATERIALS FROM DEMOLISHED STRUCTURES AND VEGETATION WILL NOT BE PERMITTED ON SITE.
- 3. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLISHED STRUCTURES, VEGETATION, PAVEMENT AND BASE ROCK AND LEGALLY DISPOSE OFF 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' TENAX ORANGE WARNING BARRIER, OR EQUAL, ATTACHED AS RECOMMENDED BY THE MANUFACTURER, TO PROTECT EXISTING TREES DURING CONSTRUCTION. CONTRACTOR SHALL REMOVE POSTS AND FENCE FABRIC AFTER ALL CONSTRUCTION IS COMPLETE.

SEDIMENT & EROSION CONTROL NOTES

- 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. THE CONTRACTOR SHALL PROVIDE NECESSARY MEASURES DURING ALL PHASES OF HIS OPERATIONS REGARDLESS OF WHETHER THEY ARE SPECIFICALLY NOTED ON THE EROSION CONTROL PLAN AND SHALL MAINTAIN AND REPLACE CONTROLS AS NECESSARY DURING THE COURSE OF HIS OPERATIONS.
- INITIAL SEDIMENT CONTROLS SHOWN ON THE EROSION CONTROL PLAN MUST BE INSTALLED PRIOR TO ANY OTHER WORK.
- 3. THE CONTRACTOR SHALL CLEAN ALL STREETS BOTH INTERIOR AND ADJACENT TO THE SITE, AS NEEDED AFTER EACH RAINFALL AND AT THE END OF CONSTRUCTION.
- 4 THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST DURING CONSTRUCTION AND SHALL WATER CONSTRUCTION AREAS WHENEVER CONDITIONS WARRANT
- 5. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING SILT FROM STORM DRAINS, INLETS, CULVERTS, ETC. PRIOR TO APPROVAL OF CONSTRUCTION.
- 6. ALL DISTURBED AREAS NOT RECEIVING OTHER PERMANENT STABILIZATION SUCH AS PAVEMENT, ROOFS, SOD AND ETC., SHALL BE SEEDED AND MULCHED, AS PER THE PROJECT SPECIFICATIONS BEFORE TEMPORARY SEDIMENT CONTROLS CAN BE REMOVED AND PRIOR TO FINAL APPROVAL OF CONSTRUCTION.
- 7. IF APPLICABLE THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS AS PUT FORTH IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHALL BE CONSIDERED AS A STARTING POINT FOR SEDIMENT AND EROSION CONTROLS AND THE CONTRACTOR WILL BE RESPONSIBLE FOR REVISING AND UPDATING FROSION CONTROLS AS SITE CONDITIONS CHANGE DURING THE COURSE OF CONSTRUCTION.

UTILITY CONSTRUCTION NOTES

SPECIFICATIONS.

- 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 LITH ITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING UTILITY CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
- 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.
- 3. ALL UTILITY CONSTRUCTION AND MATERIALS SHALL BE IN CONFORMANCE WITH CITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS AND STANDARD PLANS AND SPECIFICATIONS.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS NOT OBTAINED BY THE
- 5. INSTALL TRACER WIRE WITH ALL SANITARY SEWER AND POTABLE WATER UTILITIES AS REQUIRED. CONNECT TRACER WIRE TO EXISTING TRACER WIRE AND STUB UP END OF THE TRACER WIRE AT THE ENDS OF RUNS IN ACCORDANCE WITH UTILITY OWNER'S
- 6. ALL HDPE PIPE, JOINTS AND FITTINGS SHALL BE ADS N-12 OR EQUAL. INSTALL PER MANUFACTURER'S SPECIFICATIONS..
- 7. COORDINATE THE INSTALLATION OF THE STORM SEWER WITH THE INSTALLATION OF THE POTABLE WATER, COMMUNICATION, ELECTRIC AND SANITARY SEWER TO AVOID
- 8. EARTHWORK SHALL BE PLACED TO FINISH GRADE IN THE IMMEDIATE AREA OF UTILITIES PRIOR TO CONSTRUCTION OF UTILITIES TO INSURE PROPER DEPTH OF COVER FOR
- 9. ALL MATERIALS TO BE SUPPLIED AND LABOR TO BE DONE BY CONTRACTOR SHALL BE COMPLETED AS A PART OF THIS WORK, UNLESS STATED OTHERWISE. 10. ALL UTILITY SERVICE LINES SHALL BE KEPT IN SERVICE AND PROTECTED DURING

11. ANY RELOCATION OF UTILITY SERVICE LINES THAT ARE REQUIRED TO COMPLETE THE

EXISTING UTILITY SERVICE LINES AS COULD BE DETERMINED.

CONSTRUCTION OPERATIONS. THE DRAWINGS INDICATE THE LOCATION OF KNOWN

PROJECT IS TO BE COMPLETED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE

LOCAL UTILITY PROVIDERS AND INCLUDE ALL COSTS ASSOCIATED WITH WORK

PERFORMED BY THE LOCAL UTILITY PROVIDERS AND CONNECTION FEES INTO THEIR BID.

AND IS TO CONSIDERED SUBSIDIARY TO OTHER PROJECT COSTS. 12. ALL WATER, SEWER, FIBER OPTIC CABLE, GAS SERVICE AND OTHER UTILITY REQUIREMENTS SHALL BE COORDINATED WITH THE APPROPRIATE LOCAL UTILITY PROVIDERS PRIOR TO INSTALLATION. ALL COSTS ASSOCIATED WITH THE WATER, SEWER. FIBER OPTIC CABLE GAS SERVICE ENTRANCE AND OTHER UTILITY REQUIREMENTS SHALL BE BORNE BY THE CONTRACTOR, INCLUDING THOSE COSTS, IF ANY, FROM THE

SITE GRADING NOTES

- 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 PRIOR TO BEGINNING SITE GRADING ACTIVITIES. DURING GRADING ACTIVITIES THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED
- CONTRACTOR SHALL USE CAUTION AROUND ALL EXISTING UTILITIES LOCATED ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED BY CONSTRUCTION.
- 3. SEDIMENT AND EROSION CONTROLS IN CONFORMANCE WITH THE EROSION CONTROL LAN AND THE APPLICABLE SPECIFICATIONS SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SITE GRADING ACTIVITIES.
- 4. 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. OWNER SHALL BE CONTACTED TO DETERMINE WHAT SHALL BE DONE WITH EXCESS TOPSOIL. PROPER DRAINAGE OF THE STOCKPILES SHALL BE MAINTAINED. 5. THE SUBGRADE FOR THE PROJECT SITE SHALL BE COMPACTED TO 95% STANDARD

PROCTOR AS DETERMINED BY ASTM-D698. COMPACTION SHALL BE ACCOMPLISHED AT

MOISTURE CONTENTS AS SPECIFIED IN THE GEOTECHNICAL ENGINEER'S REPORT. ALL

STRUCTURES AND IN OTHER RESTRICTED AREAS WHERE IT IS NOT PRACTICAL TO USE A

- SOFT AREAS FOUND DURING COMPACTION SHALL BE REMEDIATED IN CONFORMANCE WITH THE GEOTECHNICAL ENGINEERING REPORT, IF AVAILABLE. STONES OR BOULDERS MEASURING GREATER THAN 12" IN ANY DIMENSION SHALL NOT BE PLACED IN THE UPPER 3 FEET OF THE FILL. IN STUMP HOLES, AROUND PIPE AND
- ROLLER, THE MATERIAL SHALL BE COMPACTED BY HAND. 7. CONTRACTOR IS RESPONSIBLE FOR ADDRESSING AND CORRECTING UNSUITABLE SOIL CONDITIONS RELATED TO WET SOILS AND OTHER CONDITIONS. THE UNSUITABLE CONDITIONS MUST BE CORRECTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT, IF AVAILABLE, TO MEET PROJECT NEEDS.
- 8. CONTRACTOR SHALL NOTIFY THE OWNERS OR THEIR REPRESENTATIVE FOR INSPECTION PRIOR TO PLACEMENT OF CRUSHED STONE BASE AND ALSO PRIOR TO PLACEMENT OF PAVEMENT MATERIALS.
- THE CONTOURS, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT, TOP OF SIDEWALKS AND CURBS, TOP OF FLOOR SLABS ETC. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT FOR GRADING LINE ELEVATIONS.
- 10. CONTRACTOR SHALL FINISH GRADE EARTH SLOPES AS SHOWN TO NO STEEPER THAN 1 FOOT VERTICAL TO 3 FEET HORIZONTAL.
- 11. CONTRACTOR SHALL GRADE LANDSCAPED AREAS AT A MINIMUM OF 1% TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND SIDEWALKS WHEN FINISH LANDSCAPE MATERIALS ARE IN PLACE.
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL EARTHWORK QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS AS SHOWN ON THE PLANS. NO EXTRA PAYMENT WILL BE MADE FOR OBTAINING FILL MATERIAL FROM OFF-SITE AREAS REQUIRED TO CONSTRUCT FILL TO THE LINES AND GRADES INDICATED ON THE
- 13 NO CLASSIFICATION OF EXCAVATED MATERIALS WILL BE MADE UNLESS OTHERWISE SPECIFIED IN THE PROJECT DOCUMENTS. EXCAVATION WORK SHALL INCLUDE THE REMOVAL AND SUBSEQUENT HANDLING OF ALL MATERIALS EXCAVATED OR OTHERWISE REMOVED FOR THE PERFORMANCE OF THE WORK, REGARDLESS OF TYPE, CHARACTER, COMPOSITION OR CONDITION THEREOF. NO ADDITIONAL PAYMENT WILL BE MADE FOR ROCK EXCAVATIONS UNLESS OTHERWISE SPECIFIED IN THE PROJECT DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING THE AMOUNT OF ROCK

EXCAVATION, IF ANY, TO BE INCLUDED IN HIS BID.

- 14. ALL DISTURBED AREAS, NOT RECEIVING PERMANENT STABILIZATION. SHALL HAVE 4" OF TOPSOIL REPLACED, TO LEAVE A SMOOTH SEEDBED SUITABLE TO RECEIVE SEED. SURFACE ROCK 1-1/2" OR GREATER IN ANY DIMENSION SHALL BE REMOVED FROM ALL FINISH GRADED AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEEDING WORK.
- 15. THE CONTRACTOR SHALL GRADE ALL AREAS DISTURBED DURING THE COMPLETION OF THIS PROJECT TO PREVENT PONDING OR EROSION ON THIS SITE OR ADJACENT UNDISTURBED AREAS.
- 16. ALL ITEMS REMOVED SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES.
- 17. PRIOR TO MOVING OFF THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO MAKE A FINAL REVIEW OF THE CONSTRUCTION SITE
 - COMPLY WITH ALL LAWS, ORDINANCES, APPLICABLE SAFETY CODE REQUIREMENTS AND REGULATIONS RELATIVE TO THE HANDLING, STORAGE AND USE OF EXPLOSIVES AND THE PROTECTION OF LIFE AND PROPERTY THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIS BLASTING OPERATIONS.

18. IN THE EVENT THAT BLASTING IS PERMITTED ON THE PROJECT, THE CONTRACTOR SHALL

OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO

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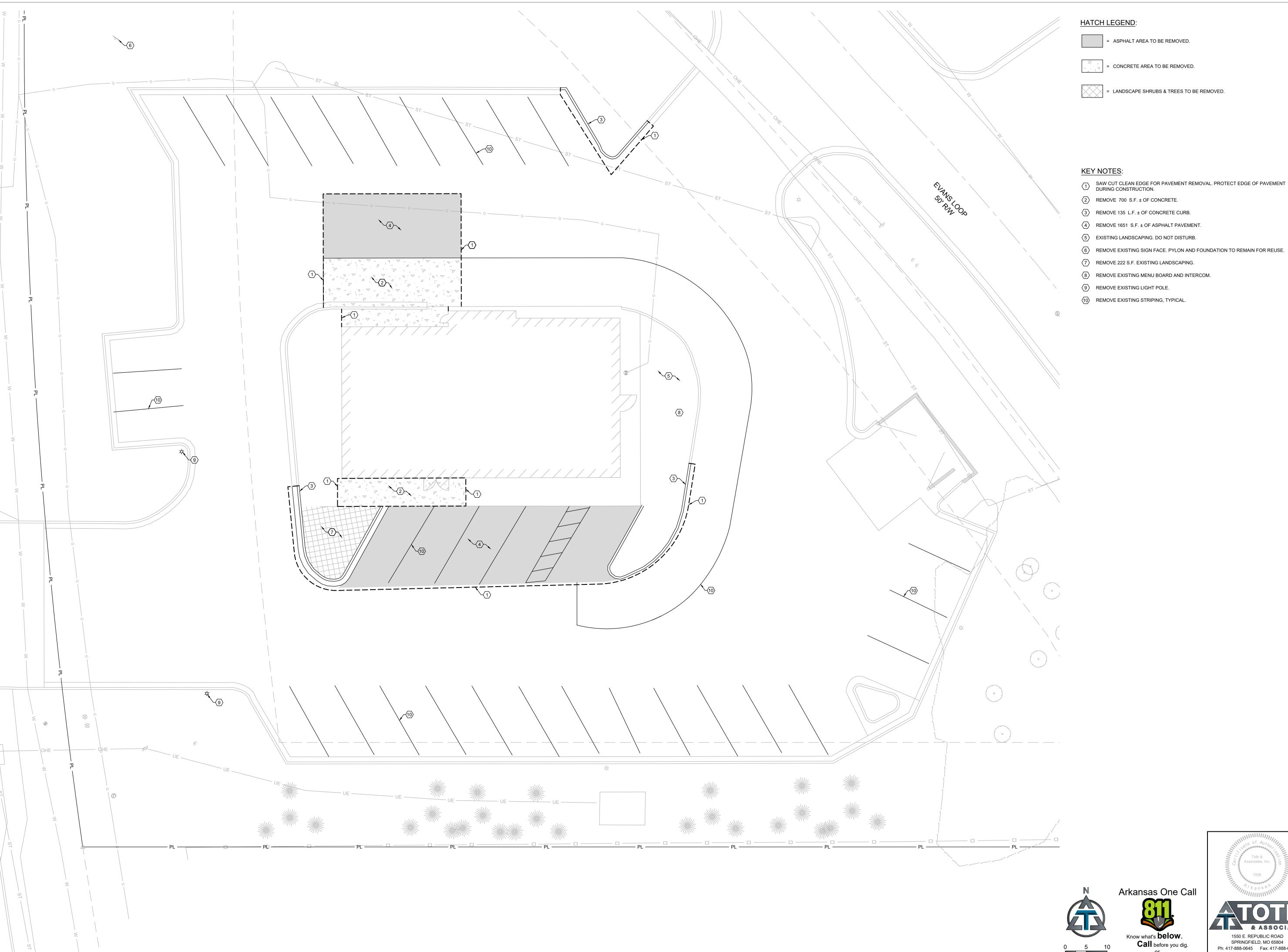
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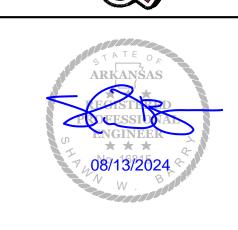
Arkansas One Call 1550 E. REPUBLIC ROAD

SPRINGFIELD, MO 65804 Ph: 417-888-0645 Fax: 417-888-0657 www.tothassociates.com AR# 1008 © 2024 Toth and Associates, Inc.

GENERAL NOTES



SAW CUT CLEAN EDGE FOR PAVEMENT REMOVAL. PROTECT EDGE OF PAVEMENT DURING CONSTRUCTION.



ENGINEER OF RECORD:

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

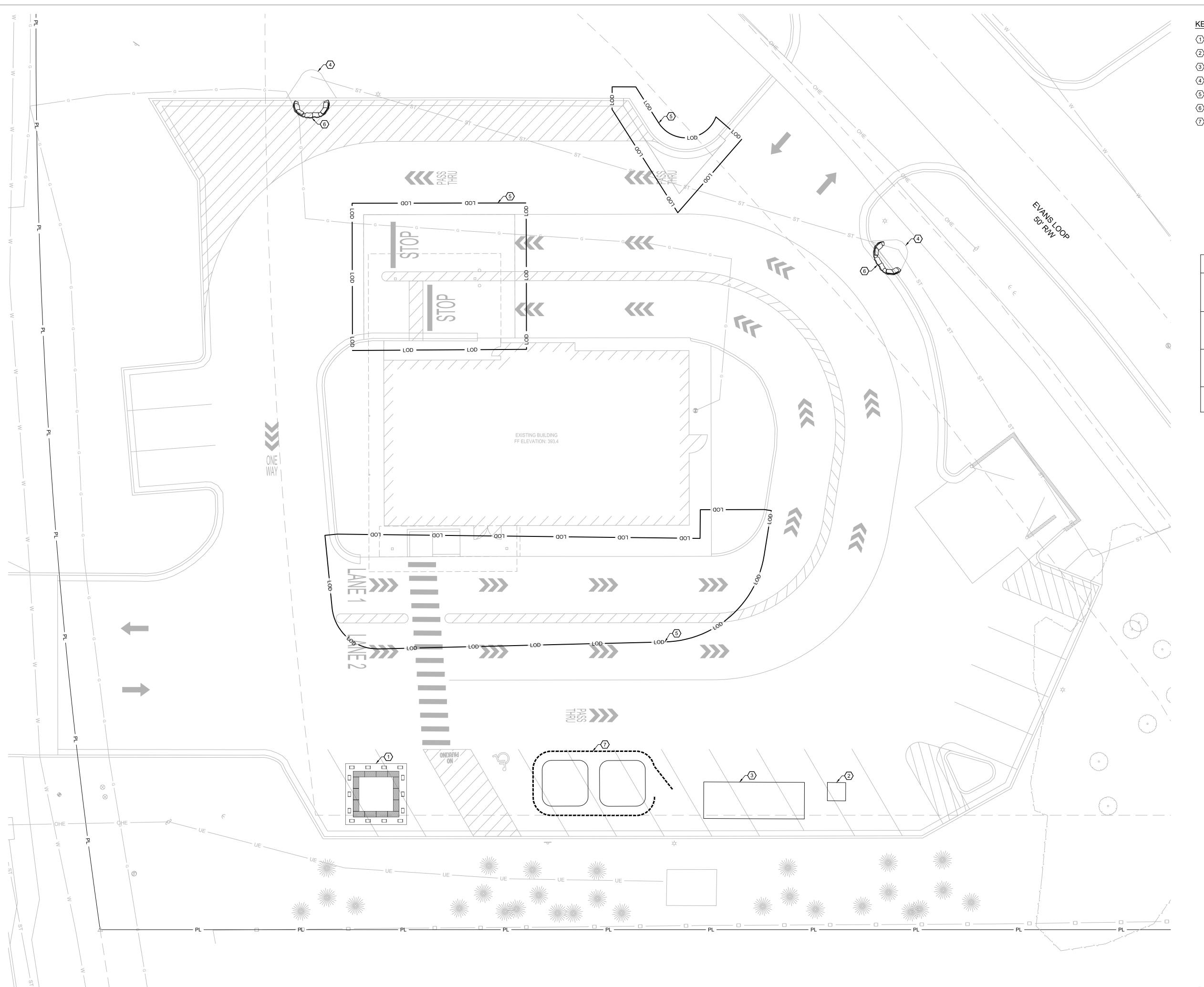
PROJECT NUMBER: 85 081

REVISION:

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DEMOLITION PLAN



KEY NOTES:

- 1 APPROXIMATE LOCATION OF CONCRETE WASHOUT PER DETAIL 1.03 SHEET C7.1.
- (2) APPROXIMATE LOCATION OF PORTABLE RESTROOM.
- $\overline{\langle 3 \rangle}$ 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.
- APPROXIMATE LOCATION OF SOIL STOCKPILES. PROTECT STOCKPILES WITH COMPOST FILTER SOCK.

PHASING TABLE:

THINGING TRIBEL.								
PHASE	CONSTRUCTION ACTIVITIES	BEST MANAGEMENT PRACTICES INSTALLED						
PHASE 1 (PRE - CONSTRUCTION)	INSTALLATION OF PRE-CON BMP'S	~ 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						



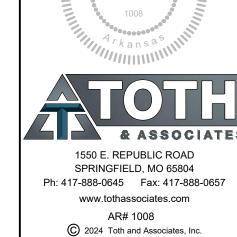
ENGINEER OF RECORD:

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

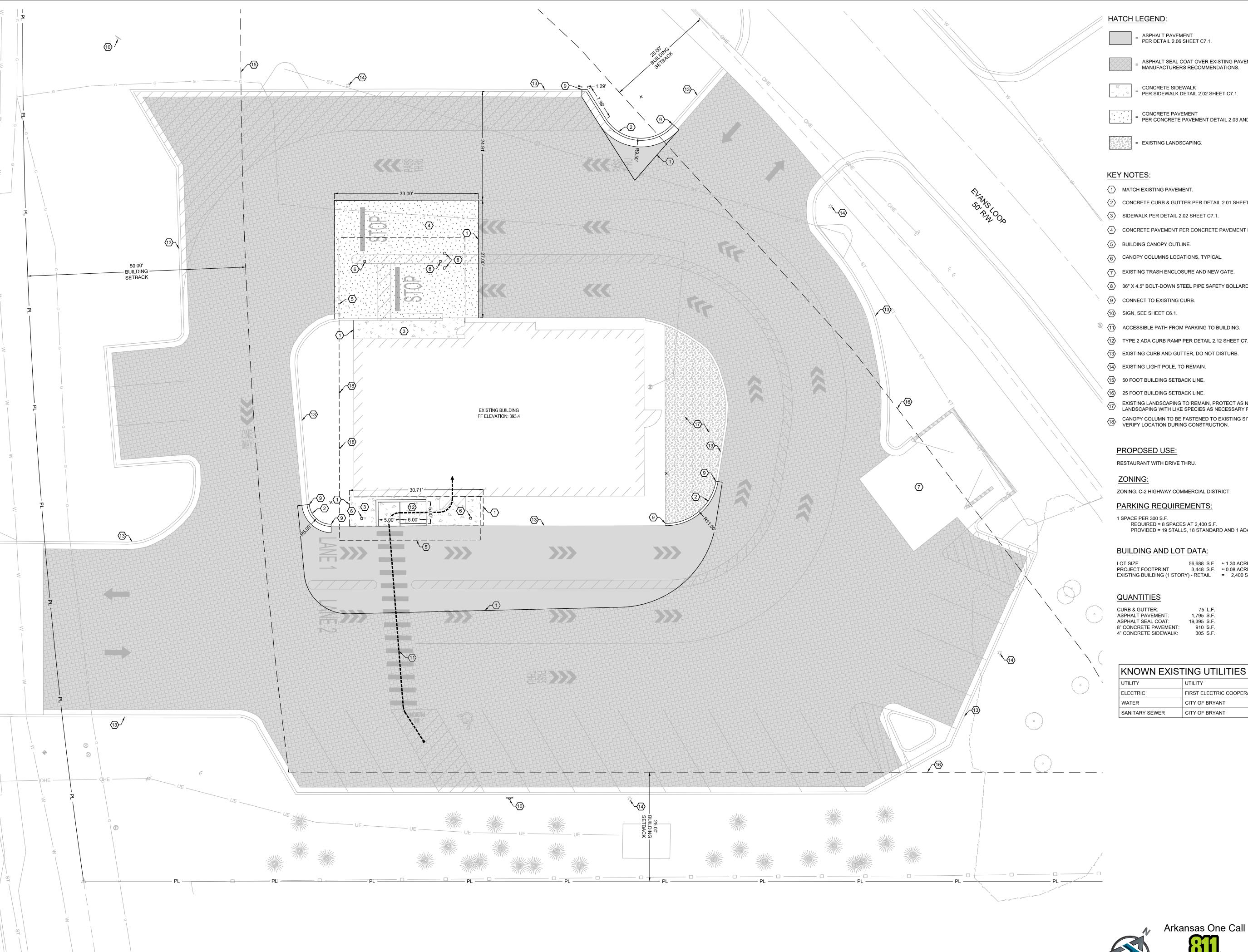
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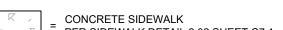


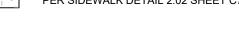


EROSION CONTROL PLAN DATE: AUGUST 15, 2024











- (2) CONCRETE CURB & GUTTER PER DETAIL 2.01 SHEET C7.1.
- (4) CONCRETE PAVEMENT PER CONCRETE PAVEMENT DETAILS 2.03 & 2.05 SHEET C7.1.

- 8 36" X 4.5" BOLT-DOWN STEEL PIPE SAFETY BOLLARD.
- 12 TYPE 2 ADA CURB RAMP PER DETAIL 2.12 SHEET C7.2.
- (13) EXISTING CURB AND GUTTER, DO NOT DISTURB.
- EXISTING LANDSCAPING TO REMAIN, PROTECT AS NEEDED. REMOVE AND REPLACE LANDSCAPING WITH LIKE SPECIES AS NECESSARY FOR MENU BOARD DEMOLITION.
- CANOPY COLUMN TO BE FASTENED TO EXISTING SITE CONCRETE. CONTRACTOR TO FIELD VERIFY LOCATION DURING CONSTRUCTION.

ZONING: C-2 HIGHWAY COMMERCIAL DISTRICT.

PROVIDED = 19 STALLS, 18 STANDARD AND 1 ADA.

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

75 L.F. 1,795 S.F.

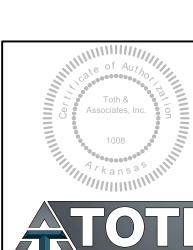
KNOWN EXISTING UTILITIES							
UTILITY	UTILITY	PHONE NUMBER					
ELECTRIC	FIRST ELECTRIC COOPERATIVE	800-489-7405					
WATER	CITY OF BRYANT	501-943-0441					
CANITADY CEMED	CITY OF BRYANT	E01 042 0441					

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08/13/2024

ENGINEER OF RECORD:

NAME: SHAWN W. BARRY

PROJECT NUMBER:

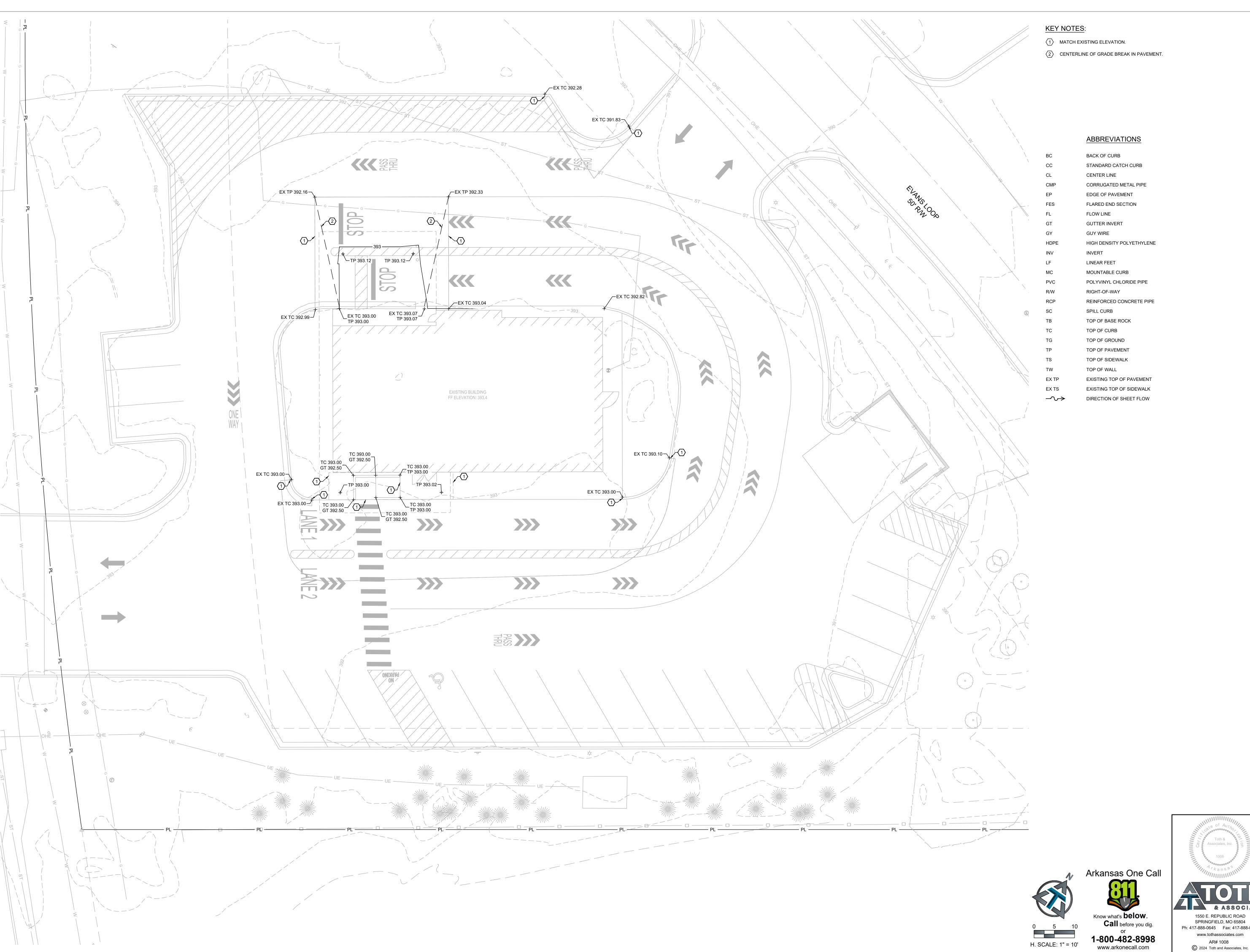
85 081

REVISION:

LICENSE NO. AR #PE-16815

DATE: AUGUST 15, 2024

SITE PLAN



LICENSE NO. AR #PE-16815 PROJECT NUMBER:

ENGINEER OF RECORD:

NAME: SHAWN W. BARRY

08/13/2024

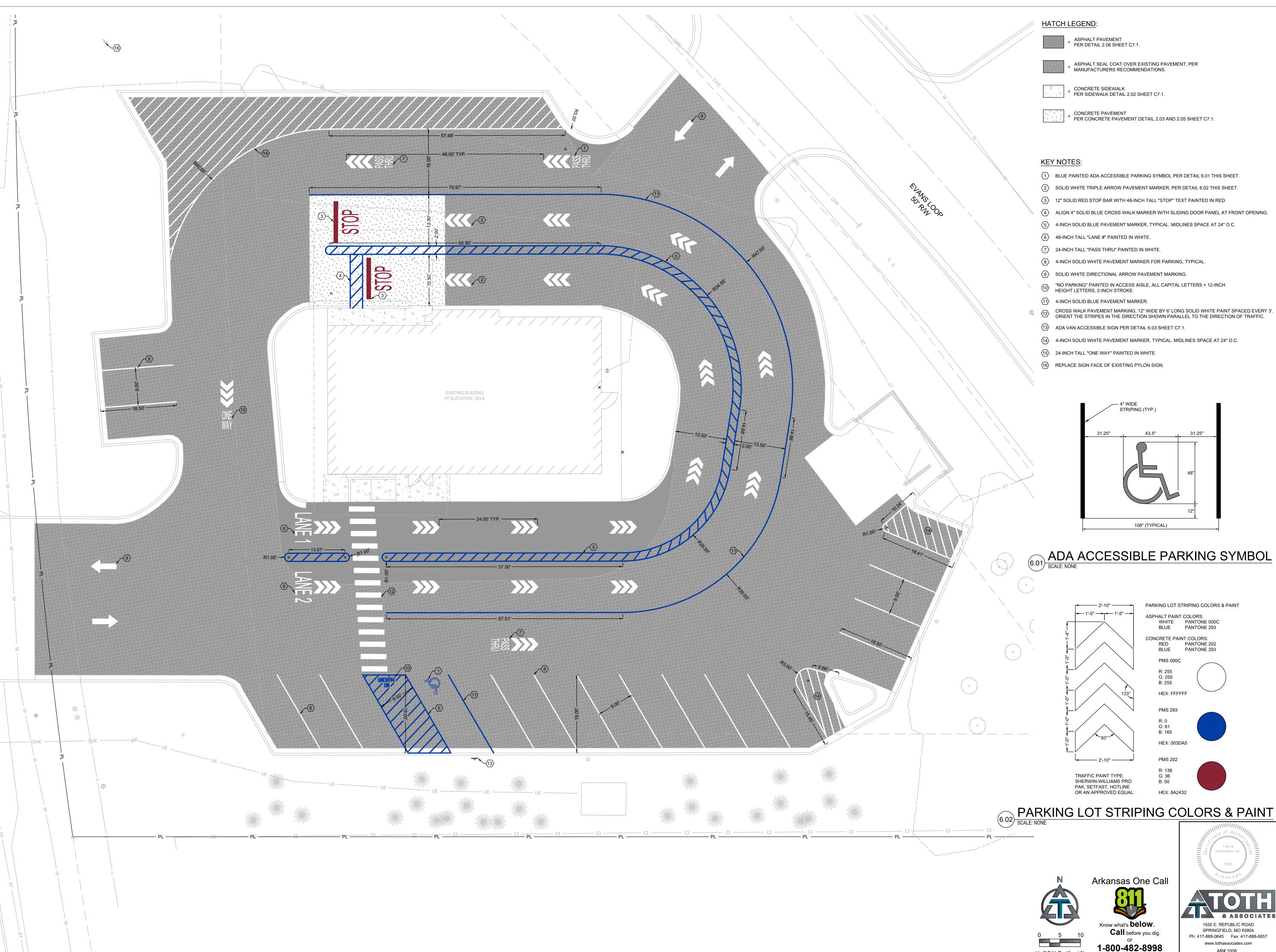
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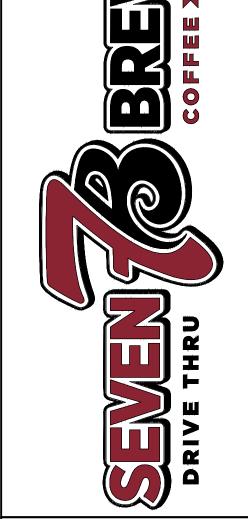
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AR# 1008

GRADING PLAN







ENGINEER OF RECORD:

NAME: SHAWN W. BARRY

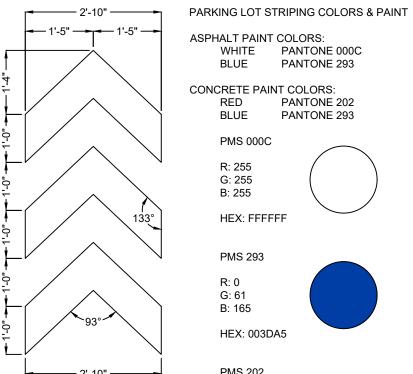
LICENSE NO. AR #PE-16815

PROJECT NUMBER: 85 081

REVISION:

ADA ACCESSIBLE PARKING SYMBOL SCALE: NONE

108" (TYPICAL)



G: 255 B: 255 HEX: FFFFFF PMS 293 R: 0 G: 61 B: 165 HEX: 003DA5

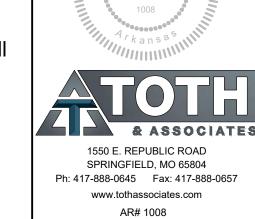
PMS 202 G: 36 B: 50

PMS 000C

PARKING LOT STRIPING COLORS & PAINT SCALE: NONE







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C6.1 STRIPING PLAN

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NOTES:

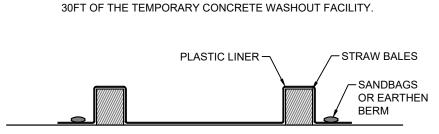
1. WASHOUT CONTAINMENT SHALL BE INSTALLED FOR DURATION OF CONCRETE WORK AND RETAIN CONCRETE AND OTHER WASHOUT LIQUIDS UNTIL EVAPORATION OR REMOVAL BY

PLAN VIEW

- PUMP.
 2. CONTAINMENT SHALL BE SIZED FOR EXPECTED WASHOUT
- 3. AVOID PLACING NEAR STORM DRAINS, STREAMS, SINKHOLES, OUTFALLS OR OTHER LOW AREAS WHERE WATER PONDS OR
- OTHER APPROVED LEAK-PROOF CONTAINMENT IS
- ACCEPTABLE.
 5. TRAPS SHALL BE ROUTINELY. MAINTAINED AT 75% CAPACITY
- AND REPLACED AS NECESSARY TO PERFORM.

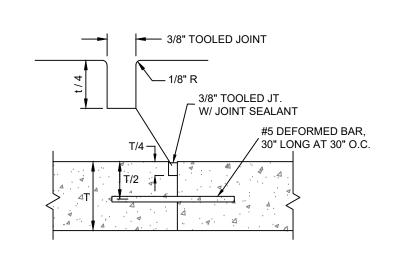
 6. THE WASHOUT PIT SHALL BE COVERED BEFORE PREDICTED
- RAIN EVENTS TO PREVENT OVERFLOW.

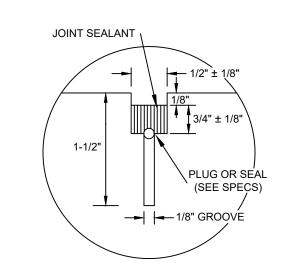
 7. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN



SECTION VIEW





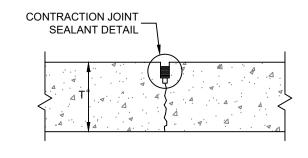


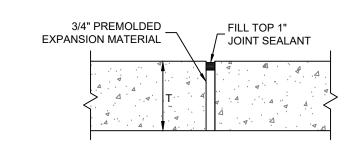
DOWELED CONSTRUCTION JOINT

CONTRACTION JOINT SEALANT DETAIL

CONCRETE JOINT NOTES:

- 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 DIRECTIONS.



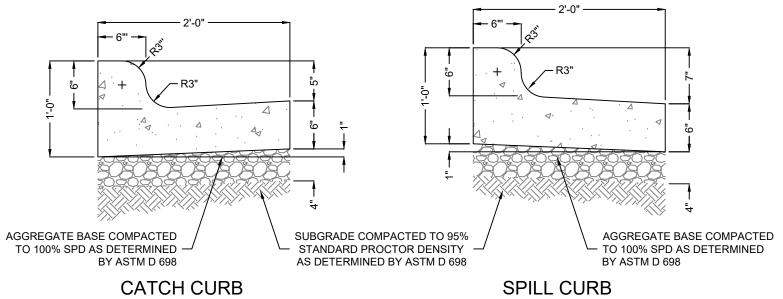


SAWED CONSTRUCTION JOINT

EXPANSION JOINT

CONCRETE PAVEMENT JOINT DETAILS

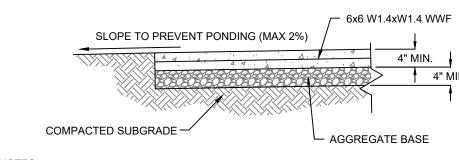
SCALE: NONE



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.

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.

SECTION

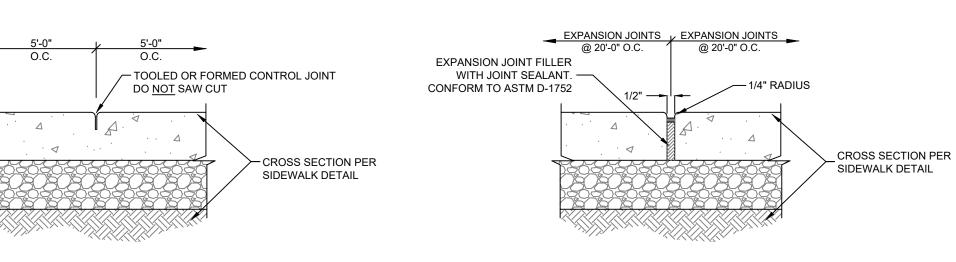
- 3. WHERE WALK ABUTS ANOTHER WALK, CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES, PROVIDE 1/2" EXP. JOINT W/ FIBER BOARD AND SELF-LEVELING SEALANT.
- 4. KEY ALL CONSTRUCTION JOINTS.
- 5. PROVIDE NON-SLIP LIGHT BROOM FINISH.
- 6. MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 2%. MAXIMUM SLOPE OF SIDEWALK IN DIRECTION OF TRAVEL SHALL BE 5%.

CONTROL OR EXPANSION JOINT SPACE PER SIDEWALK DETAIL TOOLED EDGE/JOINT SPACE PER SIDEWALK DETAIL LIGHT BROOM FINISH

NOTES:

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

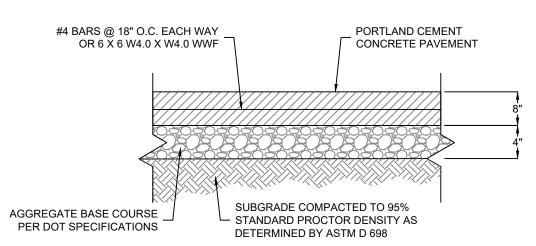
FINISH PLAN



CONTROL JOINT

EXPANSION JOINT

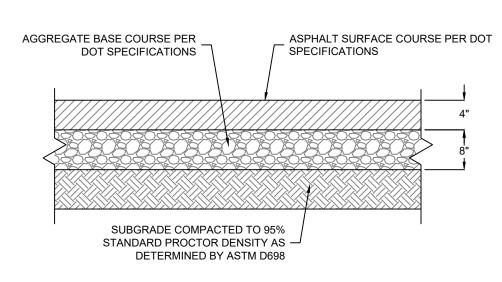
SIDEWALK DETAILS SCALE: NONE



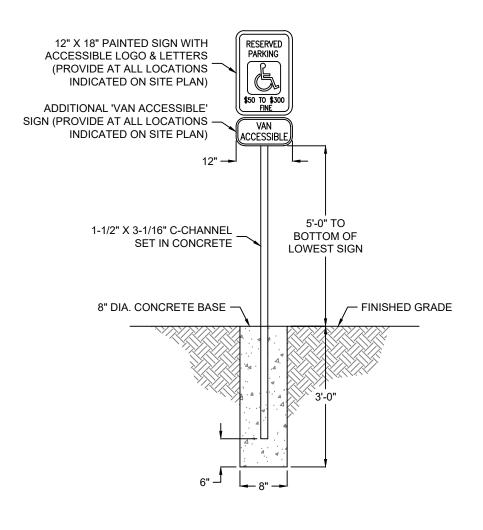
NOTES:

- 1. SEE CONCRETE PAVEMENT JOINT DETAILS AND NOTES.
- 2. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND BE 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.





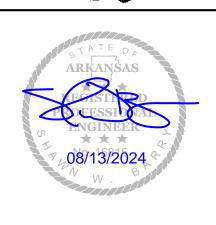
2.06 ASPHALT PAVEMENT
SCALE: NONE



ADA ACCESSIBLE SIGN DETAIL

SCALE: NONE





ENGINEER OF RECORD:

NAME: SHAWN W. BARRY

LICENSE NO. AR #PE-16815

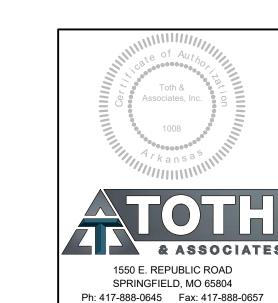
PROJECT NUMBER: 85 081

REVISION:

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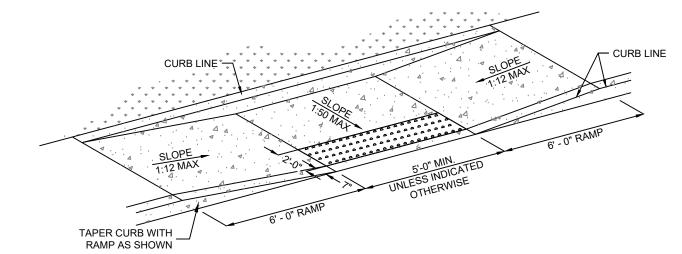
NOTES

- 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.
- INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH RAINFALL EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.



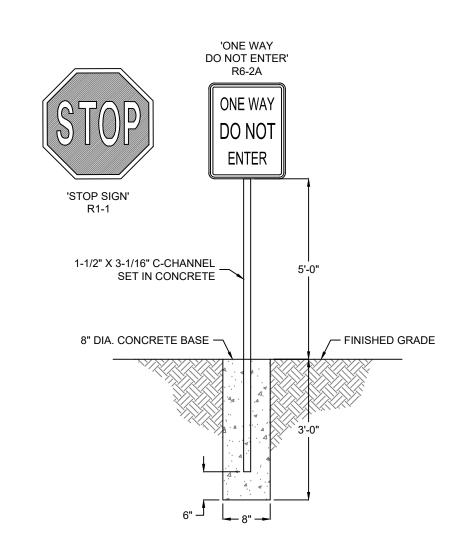
NOTES:

- 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.



TYPE 2 CURB RAMP DETAIL

SCALE: NONE



TYPICAL SIGN POST DETAIL

SCALE: NONE



ENGINEER OF RECORD:

NAME: SHAWN W. BARRY

LICENSE NO. AR #PE-16815

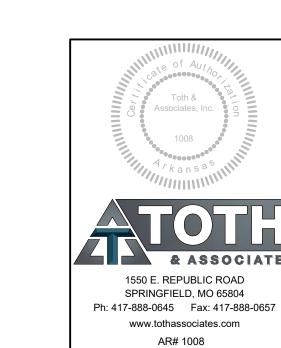
PROJECT NUMBER: 85 081

REVISION:

BREW COFFEE

3RYANT, AR

2006



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BREVIA	TIONS			LOADING TABLE AND CODE INFORMATI	ION		
A.R.=	ANCHOR ROD	2021 ARKANSAS FIRE PREVENTION CODE (2021 IBC w/ ARKANSAS AMMENDMENTS)					
ACI= AISC=	AMERICAN CONCRETE INSTITUTE AMERICAN INSTITUTE OF STEEL CONSTRUCTION	1.	DEA	DLOADS			
AISI=	AMERICAN IRON AND STEEL INSTITUTE		Α.	EXISTING ROOF DEAD LOAD	20 PSI		
	ARCHITECTURE/ARCHITECT	-					
	AMERICAN SOCIETY FOR TESTING AND MATERIALS AFTER WELDING	-	В.	CANOPY DEAD LOAD	20 PSI		
	AMERICAN WELDING SOCIETY	2.	LIVE	LOADS			
AR=			A.	EXISTING ROOF LIVE LOAD	20 PS		
5.0.=	BOTTOM OF BACK OF ANGLE		В.	CANOPY LIVE LOAD	20 PSI		
	BOTTOM OF FOOTING	3.	SNO	W LOADS			
.O.S.=	BOTTOM OF STEEL				10 PSI		
	BEARING	-	Α.	GROUND SNOW LOAD (pg)			
TM=	BOTTOM CANTILEVERED		B.	FLAT ROOF SNOW LOAD (pf)	14 PS		
	CAST-IN-PLACE		C.	EXPOSURE FACTOR (Ce)	1.0		
.J.P.=	COMPLETE JOINT PENETRATION WELD		D.	IMPORTANCE FACTOR (Is)	1.0		
CL= CLR=	CENTERLINE		E.	THERMAL FACTOR (Ct)	1.2		
CMU=	CLEAR CONCRETE MASONRY UNIT		 F.	DRIFT	PER CODE		
OL=	COLUMN	-			PER CODE		
	CONCRETE	4.	WINE	D LOAD DESIGN CRITERIA			
	CONNECTION CONTINUOUS		A.	ULTIMATE DESIGN WIND SPEED (Vult)	105 MP		
).B.=	DECK BEARING		В.	RISK CATEGORY	ll .		
).B.A.=	DEFORMED BAR ANCHOR		C.	EXPOSURE CATEGORY	С		
).E.=	DECK EDGE	-		<u> </u>			
DIA= DL=	DIAMETER DEAD LOAD	-	D.	INTERNAL PRESSURE COEFFICIENT (GCpi)	+/- 0.18		
DTL=	DETAIL	5.	SEIS	MIC LOAD DESIGN CRITERIA			
DWG=	DRAWING		A.	RISK CATEGORY	II		
=	EXISTING		В.	IMPORTANCE FACTOR (Ie)	1.0		
EA= E.F.=	EACH EACH FACE		C.	SPECTRAL RESPONSE ACCELERATIONS AND COEFFICIENTS			
L=	ELEVATION	-			0.040		
PS=	EXPANDED POLYSTYRENE			SHORT PERIOD ACCELERATION (Ss)	0.313		
Q=	EQUAL			LONG PERIOD ACCELERATION (S1)	0.133		
:.W.= :XT=	EACH WAY EXTERIOR			SHORT PERIOD RESPONSE (SDs)	0.324		
c=	CONCRETE COMPRESSIVE STRENGTH			LONG PERIOD RESPONSE (SD1)	0.207		
.F.=	FINISHED FLOOR		D.	SITE CLASS	D		
ND=	FOUNDATION FACE OF WALL	-					
.O.vv .S.=	FAR SIDE		E.	SEISMIC DESIGN CATEGORY	D		
TG=	FOOTING		F.	SEISMIC FORCE RESISTING SYSTEM	TABLE 12.2-1 G.2		
.V.=	FIELD VERIFY		-		(SOCCS)		
SA= SALV=	GAGE / GAUGE GALVANIZED		G.	ANALYSIS PROCEDURE	ELF		
3.B.=	GRADE BEAM		Н.	RESPONSE MODIFICATION FACTOR (R)	4		
9.C.=	GENERAL CONTRACTOR		l.	SYSTEM OVERSTRENGTH FACTOR (Ω)	2		
H)=	HIGH			DEEL ECTION AMPLIFICATION FACTOR (Cd)	3.5		

ABBREVIATIONS

44. F.O.W.= FACE OF WALL

3. H&L= HIGH & LOW

5. HORIZ= HORIZONTAL

. INFO= INFORMATION

LOW

LONG= LONGITUDINAL

. L.P.= LAYOUT POINT

MAX= MAXIMUM

MTL= METAL

4. N.S.= NEAR SIDE

5. N.T.S.= NOT TO SCALE

O.C.= ON CENTER

MECH= MECHANICAL

MFR= MANUFACTURER

MINIMUM

MISC= MISCELLANEOUS

83. N.I.C.= NOT IN CONTRACT

6. N.W.= NORMAL WEIGHT

6. O.D.= OUTSIDE DIAMETER

89. OPP= OPPOSITE / OPPOSITE HAND

1. P.C.F.= POUNDS PER CUBIC FOOT

93. PLF= POUNDS PER LINEAR FOOT

95. PSF= POUNDS PER SQUARE FOOT

96. PSI= POUNDS PER SQUARE INCH

. PT= POST TENSIONED

03. SDI= STEEL DECK INSTITUTE

05. SJI= STEEL JOIST INSTITUTE

THICKNESS

12. T&B= TOP AND BOTTOM

114. T.O.F.= TOP OF FOOTING

119. UL= ULTIMATE LOAD

22. VLD= VERTICAL LEG DOWN WIDTH

120. U.N.O.= UNLESS NOTED OTHERWISE

115. T.O.P.= TOP OF PEDESTAL 116. T.O.S.= TOP OF STEEL 117. T.O.W.= TOP OF WALL

98. REINF= REINFORCING

100. RTU= ROOF TOP UNIT

01. S.C.= SLIP CRITICAL

102. SCH= SCHEDULE

106. SL= SNOW LOAD

109. STD= STANDARD

10. STL= STEEL

13 TO = TOPOF

18. TYP= TYPICAL

21. VERT= VERTICAL

124. WL= WIND LOAD 125. W.P.= WORK POINT 126. WWF= WELDED WIRE FABRIC

127. (#)= QUANTITY

123. W=

107. S.O.G.= SLAB ON GRADE

108. SPECS= SPECIFICATIONS

104. SIM= SIMILAR

99. REQ= REQUIRE

92. PEMB= PRE-ENGINEERED METAL BUILDING

I FNGTH

LIVE LOAD

LIGHTWEIGHT

POUND

INTERIOR

JOIST BEARING

1000 POUNDS

46. FTG= FOOTING

4. H.A.S.= HEADED ANCHOR STUD

IBC= INTERNATIONAL BUILDING CODE

KIPS PER SQUARE INCH

LONG LEG HORIZONTAL

LAMINATED VENEER LUMBER

MEP= MECHANICAL, ELECTRICAL, PLUMBING

POWDER ACTUATED FASTENER

PRESERVATIVE PRESSURE TREATED

THOUSANDS OF AN INCH

LONG LEG VERTICAL

INSIDE DIAMETER

. J.B.E.= JOIST BEARING ELEVATION

7. LGSF= LIGHT-GAGE STEEL FRAMING

29. DIA=

2. F.F.=

47. F.V.=

·8. GA=

I.D.=

59. INT=

60. J.B.=

KIP=

. KSI=

4. (L)=

6. LB=

9. LLH=

LLV=

. LVL=

. LW=

MIL=

MIN=

DESCRIPTION
CENTERLINE
KEYNOTE
ELEVATION MARKER
WELD SYMBOL
P REVISION TAG

EXISTING DIMENSIONS & CONDITIONS APPARENT UNTIL THE CONSTRUCTION WORK IS WOOD FRAMING NOTES WOOD FRAMING INCLUDING MISCELLANEOUS LIGHT FRAMING SUCH AS PLATES, SILLS, CRIPPLES, STUDS SHALL BE #1/#2 GRADE SPRUCE-PINE-FIR (Fb = 875 PSI, Fc = 1150 PSI) OR BETTER. ALL WOOD FRAMING SHALL BE SELECTED SUCH SPLITS, OR DEFECTS IS USED. WHERE CALLED FOR ON PLANS TO USE FRAMING ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE "TREATED" AND SHALL COMPLY STANDARD U1 TO THE REQUIREMENTS OF USE ALL LUMBER FOR EXTERIOR USES, INCLUDING DEFLECTION AMPLIFICATION FACTOR (Cd) DECKING, DECK JOIST, RAILINGS, OR ANY LUMBER

STRUCTURAL STEEL NOTES

THIS PROJECT CONSISTS OF AN ADDITION AND/OR STRUCTURAL STEEL SHALL CONFORM TO THE MODIFICATIONS TO AN EXISTING BUILDING. FOLLOWING ASTM SECTIONS INFORMATION ON EXISTING CONDITIONS. WHEN ANGLES, CHANNELS, PLATES AND BAR STOCK -A36 AVAILABLE, HAS BEEN TAKEN FROM FIELD MEASUREMENTS. SOME EXISTING CONDITIONS ARE STEEL PIPE - A53 GR.B OR A500 GR.B, Fy=42ksi (SS) INACCESSIBLE OR HIDDEN FROM VIEW AND • ANCHOR BOLTS - ASTM F1554, GRADE 36 CONDITIONS MAY BE DISCOVERED DURING • STEEL TUBING - A500 GR.B, Fy=46ksi CONSTRUCTION THAT VARY FROM THE ANTICIPATED

OF ANY DETERIORATION, CORROSION,

UNDERWAY.

CUTTING/NOTCHING OF MEMBERS, SIGNS OF WEAR.

OR OTHER DAMAGE WHICH MAY COMPROMISE THE

STRUCTURE. THESE CONDITIONS MAY NOT BE

BEAMS, LINTELS, HEADERS, ETC. SHALL BE #2

BLOCKING AND ROOF FRAMING NOT OTHERWISE

THAT NO LUMBER WITH LARGE KNOTS, WARPS.

STEEL FRAMING ANCHORS EQUAL TO SIMPSON.

WITH APPLICABLE REQUIREMENTS OF AWPA

SPECIFIED SHALL BE #3 GRADE DOUGLAS FIR-LARCH

ANCHORS AND HARDWARE, USE Z-MAX GALVANIZED

EXPOSED TO WEATHER SHALL BE "TREATED" AND

AWPA STANDARD U1 TO THE REQUIREMENTS OF USE

COMPLY WITH APPLICABLE REQUIREMENTS OF

ALL "TREATED" LUMBER WITH FIELD-CUT ENDS

SHALL BE TREATED WITH PRESERVATIVES IN

MISCELLANEOUS WOOD CARPENTRY WORK SHALL

BE GOVERNED BY INTERNATIONAL BUILDING CODE

REQUIREMENTS. ALL SUCH WORK SHALL COMPLY

WITH CONSTRUCTION, CONNECTION AND GENERAL

REQUIREMENTS OF CHAPTER 23 OF THE CODE. IT

FOUNDATION WITH 5/8"Ø x 8" (MIN) SIMPSON TITEN

REQUIREMENTS. THERE SHALL BE A MINIMUM OF

TWO ANCHOR BOLTS PER SECTION OF PLATE AND

ANCHOR BOLTS SHALL BE PLACED 12" FROM END OF

FRAMING SHALL BE SUPPORTED BY MULTIPLE STUDS

FOR THE FULL WIDTH OF THE BEAM, UNO. MULTIPLE

PLATE AND NO CLOSER THAN 3" FROM EDGE OF

ALL BEAMS BEARING PERPENDICULAR TO WALL

STUDS SHALL BE CONTINUED TO FOUNDATION.

REFER TO NDS SECTION 15.3.3 FOR NAILING

LAMINATED VENEER LUMBER (LVL) BEAMS AS

CALLED OUT IN THE PLANS ARE SIZED AS PER

"TRUSS JOIST CORPORATION" RECOMMENDATIONS

ALTERNATE LVL BEAMS WILL BE CONSIDERED IF

PROPER DESIGN INFORMATION IS SUBMITTED AND

APPROVED AS EQUAL. (Fb = 2600 PSI, E = $1.9.10^{6}$

TYPICAL WALL SHEATHING SHALL BE 7/16" (1/2") APA

RATED 24/16 STRUCTURAL 1 EXPOSURE 1 PANÉLS.

BLOCKING AT ALL PANEL EDGES. SEE SHEAR WALL

SCHEDULE FOR REQUIREMENTS AT SHEAR WALLS.

PANELS SHALL BE INSTALLED WITH THE STRENGTH

WOOD STRUCTURAL PANELS SHALL BE OSB OR PLYWOOD WITH (4) OR MORE PLIES AND SHALL

AXIS (LONG DIRECTION) PERPENDICULAR TO

NAIL TO SUPPORTS WITH 8d COMMON NAILS AT 6"

REFER TO SHEET S4.1 FOR STANDARD FRAMING

REQUIREMENTS FOR MULTIPLE STUDS.

WOOD SHEATHING & DECKING NOTES

O.C. AT PANEL EDGES AND 12" O.C. AT

COMPLY WITH DOC PS 1 OR PS 2.

INTERMEDIATE SUPPORTS. PROVIDE SOLID

DETAILS.

SUPPORTS.

HD @ 4'-0" O.C. (MAX)- SEE SHEAR WALL SCHEDULE

THE CONTRACTOR PROVIDE A COPY OF THIS

CHAPTER TO ALL PERTINENT PARTIES.

SILL PLATE SHALL BE CONNECTED TO THE

FOR REQUIRED SPACING AND ADDITIONAL

PLATE, REFER TO IBC CHAPTER 23.

SHALL BE A REQUIREMENT OF THIS CONTRACT THAT

ACCORDANCE WITH AWPA STANDARD M4.

WOOD FRAMING, ROUGH CARPENTRY, AND

GRADE DOUGLAS FIR-LARCH (Fb = 900 PSI).

(Fb = 525 PSI) OR BETTER

CATEGORY 2 (UC2).

CATEGORY 3B (UC3B).

CONDITIONS. IT IS THE CONTRACTOR'S . STEEL SHALL BE DETAILED, FABRICATED AND RESPONSIBILITY TO VERIFY ALL EXISTING ERECTED ACCORDING TO ALL APPLICABLE SECTIONS DIMENSIONS SHOWN ON THESE DRAWINGS AND TO OF THE LATEST EDITION OF THE AISC 360-2010 VERIFY THE LOCATION OF ALL FRAMING MEMBERS MANUAL OF STEEL CONSTRUCTION, ASD. AND ANY OBSTRUCTIONS WHICH WILL AFFECT THE WORK. AS A PART OF THE WORK, THE CONTRACTOR PERFORM ALL WELDING WITH E70 XX ELECTRODE, SHALL PREPARE AN ACCURATE FIELD SURVEY OF THE LOCATION OF ALL STRUCTURAL MEMBERS AND FOR SPECIAL CONNECTIONS. ANY OBSTRUCTIONS IN THE WORK AREA PRIOR TO

UNLESS NOTED OTHERWISE OR UNLESS REQUIRED BEGINNING SHOP DRAWINGS AND CONSTRUCTION. . WELDING OF STRUCTURAL MEMBERS SHALL BE THIS SURVEY SHALL BE SUBMITTED TO THE PERFORMED BY CERTIFIED WELDERS AND WELDING ARCHITECT/ENGINEER WITH ANY VARIANCES NOTED. SHALL BE IN ACCORDANCE WITH "STRUCTURAL CONTRACTOR SHALL NOTIFY ENGINEER/ARCHITECT

VELDING CODE" OF THE AMERICAN WELDING SOCIETY 5. ALL EXPOSED STEEL SHALL BE GALVANIZED OR COATED WITH A HIGH PERFORMANCE PAINT U.N.O.. EXCEPT MASONRY SUPPORT LINTELS SHALL BE

GALVANIZED.

COLD-FORMED STEEL NOTES COLD FORMED STEEL NOTES:

. COLD-FORMED STEEL FABRICATION AND NSTALLATION SHALL BE IN ACCORDANCE WITH AISI S200-2012 "STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS."

WELDING OF COLD-FORMED STEEL SHALL BE IN CCORDANCE WITH THE STANDARD CODE OF ARC AND GAS WELDING IN BUILDING CONSTRUCTION. . AXIALLY LOADED STUDS SHALL BE POSITIONED IRECTLY UNDER TRUSS BEARING POINTS VHENEVER POSSIBLE.

PERFORM ALL WELDING OF LIGHT GAUGE WITH AWS -7014 ELECTRODE, UNLESS NOTED OTHERWISE OR JNLESS REQUIRED FOR SPECIAL CONNECTIONS. 2. HEADERS AND BUILT-UP BEAMS SHALL BE FORMED FROM UNPUNCHED MEMBERS

I. MINIMUM YIELD STRENGTH FOR COLD-FORMED MEMBERS SHALL BE 33 KSI (SS), AND CONFORM TO

. STEEL FRAMING SCREWS SHALL BE COLD-HEADING QUALITY STEEL THAT COMPLIES WITH ASTM A548, GRADE 1022.

WOOD SHEATHING & DECKING NOTES ANCHORED TO LIGHT GAUGE

- ROOF DECKING SHALL BE 19/32" (5/8") STRUCTURAL EXPOSURE I APA RATED 40/20 TONGÚE AND GROOVE PANELS. "H" CLIPS MAY BE USED AT THE CONTRACTOR'S OPTION IN LIEU OF T&G. SCREW TO SUPPORTS WITH #8 PAN HEAD TEK SCREWS AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERIOR SUPPORTS.
- FLOOR DECKING SHALL BE 1 1/8" ADVANTECH PANELS T&G. GLUE AND SCREW TO SUPPORTS WITH #8 PAN HEAD TEK SCREWS AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS GLUE SHALL MEET APA SPEC AFG-01. WOOD STRUCTURAL PANELS SHALL BE OSB OR
- PLYWOOD WITH (4) OR MORE PLIES AND SHALL COMPLY WITH DOC PS 1 OR PS 2. PANELS SHALL BE INSTALLED WITH THE STRENGTH AXIS (LONG DIRECTION) PERPENDICULAR TO

GENERAL FOUNDATION & SLAB ON GRADE

IN AREA OF THE STRUCTURE, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS AND ANY OTHER EXISTING UNSUITABLE MATERIALS SHALL BE REMOVED. ANY FILL MATERIAL REQUIRED AT THE SITE SHALL BE OF A SIMILAR TYPE SOIL THAT IS PRESENT AT THIS SITE EXHIBITING LIQUID LIMIT VALUES BELOW 50 AND PLASTIC INDEX VALUES BELOW 10. ROCKS GREATER THAN 6 IN. SHALL BE EXCLUDED FROM STRUCTURAL FILL LIFTS. FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 8 INCHES IN DEPTH AND SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY BASED ON STANDARD PROCTOR DENSITIES (ASTM D-698). ADEQUATE WITH REQUIREMENTS.

FIELD DENSITY AND MOISTURE CONTENT TESTS SHALL BE PERFORMED TO ENSURE COMPLIANCE TESTING OF CONTROLLED STRUCTURAL FILL SHALI BE DONE BY A QUALIFIED TESTING LABORATORY RETAINED BY THE OWNER. SEE STRUCTURAL DRAWINGS FOR REQUIRED TESTING. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK WITH INSPECTOR.

 AFTER STRIPPING SITE AND PRIOR TO PLACEMENT OF ANY FILL NOTIFY SPECIAL INSPECTOR/TESTING AGENCY FOR INSPECTION OF SOIL CONDITIONS. INSPECTION SHALL INCLUDE PROOF ROLLING SITE WITH HEAVY EQUIPMENT PROVIDED BY THE CONTRACTOR AFTER EXCAVATION FOR FOUNDATIONS AND PRIOR TO PLACEMENT OF STEEL REINFORCEMENT OR CONCRETE, NOTIFY SPECIAL INSPECTOR/TESTING AGENCY FOR INSPECTION OF SOIL CONDITIONS. WHEN SOIL OF INADEQUATE STRENGTH IS NOTED, CONTRACTOR SHALL FURTHER DEEPEN EXCAVATIONS UNTIL SUITABLE BEARING CONDITIONS ARE VERIFIED BY TESTING OVEREXCAVATIONS MAY BE BACKFILLED WITH SUITABLE COMPACTED ENGINEERED FILL

SUITABLE GRANULAR BASE, OR STRUCTURAL CONCRETE BACKFILL. EXTERIOR FOOTINGS SHALL BEAR AT MIN. DEPTHS AS NOTED IN FOOTING SECTIONS AND PLANS, 30" BELOW EXTERIOR FINISH GRADE, OR INTO APPROVED BEARING STRATA, WHICHEVER DEPTH IS GREATER. NOTE THAT FOOTING BEARING ELEVATIONS GIVEN ON THE PLANS ARE ESTIMATED DEPTHS ONLY. WHERE UNSUITABLE SOIL IS ENCOUNTERED, FOOTING DEPTHS MAY VARY

EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS. ALL SOIL BELOW SLABS AND FOOTINGS SHALL BE PROPERLY COMPACTED AND SUBGRADE BROUGHT TO A REASONABLE TRUE AND LEVEL PLANE BEFORE PLACING CONCRETE. CONTINUOUS FOOTINGS AND INDIVIDUAL FOOTINGS ARE DESIGNED FOR A NET ALLOWABLE SOIL BEARING OF

DAYLIGHT OR EXTENDED TO THE STORM SEWER.

CONTINUOUS FOOTINGS: 1500 PSF INDIVIDUAL FOOTINGS: 1500 PSF FOR EITHER NATURALLY OCCURRING SOIL OR COMPACTED ENGINEERED FILL. DRAINAGE FILL SHALL BE A FREE-DRAINING GRANULAR MATERIAL. USE #57 STONE OR EQUAL. REFER TO ASTM D448 FOR GRADATION. CONTRACTOR IS RESPONSIBLE TO MAINTAIN EXCAVATIONS AND BACKFILL MATERIALS AT AN APPROPRIATE MOISTURE CONTENT FOR PROPER SOIL BEARING CAPACITY AND COMPACTION. CONTRACTOR SHALL COORDINATE WITH THE CIVIL SITE DRAWINGS TO DETERMINE WHETHER FOUNDATION DRAINS AROUND PERIMETER OF BUILDING AND/OR UNDER THE SLAB-ON-GRADE SHALL BE REQUIRED AND. IF SO. SHALL RUN TO

CONCRETE NOTES

CONCRETE FOR FOUNDATIONS, FOOTINGS AND INTERIOR SLABS ON GRADE SHALL BE AS FOLLOWS: 28-DAY COMPRESSIVE STRENGTH: MAXIMUM WATER TO CEMENT RATIO: 0.52

NO LIME SAND FINE AGGREGATE MAY BE USED IN CONCRETE EXPOSED TO WEATHER, VIEW, OR IN HORIZONTAL APPLICATIONS. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM

A185. LAP FABRIC 9" ON SIDES AND ENDS. MAINTAIN WIRE 1" TO 2" BELOW TOP SURFACE OF SLABS ON GRADE. PROVIDE CHAIRS, BOLSTERS OR OTHER APPROVED MEANS TO PROPERLY LOCATE REINFORCING. IF ADDITIONAL FLOWABILITY IS REQUIRED FOR PLACEMENT OF ANY CONCRETE MIX, A WATER-REDUCING ADDITIVE CONFORMING TO ASTM C494, TYPE A, D, E OR F SHALL BE USED. NO ADDITIONAL WATER MAY BE ADDED TO THE MIX AT THE SITE. SLUMP FOR CONCRETE CONTAINING WATER-REDUCING OR HIGH-RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 8" AFTER ADMIXTURE IS ADDED TO CONCRETE WITH A 2"-4" SLUMP. INTERIOR SLABS SHALL HAVE SMOOTH TROWELED FINISH AND EXTERIOR SLABS SHALL HAVE LIGHT

APPLIED TO SURFACE. EXCEPTIONS ARE WHERE FLOOR FINISHES REQUIRE SCRATCH FINISH AND WHERE CURING COMPOUNDS ARE NOT COMPATIBLE WITH ADHESIVES, ETC. CONTRACTOR SHALL COORDINATE ALL CONCRETE SEALERS, CURING COMPOUNDS, ETC TO ENSURE COMPATIBILITY WITH FLOORING ADHESIVES FOR FLOORING INDICATED IN THE FLOOR PLANS AND FLOOR FINISH PLANS AS APPLICABLE. TESTING OF FRESH CONCRETE SHALL BE DONE BY A QUALIFIED TESTING LABORATORY RETAINED BY THE

BROOM FINISH, UNO. ALL SLABS SHALL HAVE A

CURING COMPOUND COMPLYING WITH ASTM C309

OWNER AND APPROVED BY THE ENGINEER. TESTING SHALL INCLUDE: SLUMP

AIR CONTENT CONCRETE TEMPERATURE 28 DAY COMPRESSIVE STRENGTH NOTE ANY WATER OR ADMIXTURES ADDED ON-

REFER TO ASTM C172 AND C94. PERFORM ONE SLUMP AND ONE AIR CONTENT TEST FOR EACH DAYS POUR AND ADDITIONAL TESTS WHEN THE CONCRETE CONSISTENCY SEEMS TO HAVE CHANGED IN THE OPINION OF THE INSPECTOR. REFER TO ASTM C143, C173 AND C231. PERFORM TEMPERATURE TESTS HOURLY WHEN THE AMBIENT AIR TEMPERATURE IS BELOW 40 DEGREES F OR ABOVE 80 DEGREES F AND ONE TEMPERATURE TEST FOR EACH SET OF COMPRESSIVE-STRENGTH SPECIMENS. REFER TO ASTM C1064. PERFORM ONE COMPRESSIVE STRENGTH TEST FOR EACH DAYS POUR AND AN ADDITIONAL TEST FOR EACH 50 CUBIC YARD MORE THAN THE FIRST 25 CUBIC YARD. TEST ONE

> SPECIMEN AT 7 DAYS AND 2 SPECIMENS AT 28 DAYS. REFER TO ASTM C31 AND C39. CONCRETE FOR GROUTING MASONRY UNITS IS SPECIFIED IN CONCRETE MASONRY UNIT NOTES WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNO.

PROVIDE A MINIMUM OF 3" COVER FOR ANCHOR BOLTS AND LOCATE HORIZONTAL REINFORCEMENT TO THE OUTSIDE FOR ANCHOR BOLT CONTAINMENT, PROVIDE TEMPORARY SHORING AND BRACING OF ALL STRUCTURAL AND MISCELLANEOUS ELEMENTS UNTIL

CONCRETE HAS OBTAINED 80% OF DESIGN STRENGTH AND ALL PERMANENT BRACING ELEMENTS ARE INSTALLED WHERE DOWELS, BOLTS OR INSERTS ARE CALLED TO BE ANCHORED TO CAST IN PLACE OR PRECAST CONCRETE ELEMENTS USING EPOXY ADHESIVES, USE ANCHORAGE SYSTEM EQUAL TO "HILTI" HIT RE 500 INJECTION ADHESIVE. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS. ALTERNATE ANCHORAGE SYSTEMS MAY BE USED WITH ENGINEER'S PRIOR

. DETAILING, MATERIALS AND INSTALLATION OF CONCRETÉ REINFORCING STEEL SHALL MEET REQ. AS SET FORTH BY CRSI AND THE AMERICAN CONCRETE INSTITUTE AND THE APPLICABLE BUILDING CODE.

COMPLETE INFORMATION REQUIRED FOR CONSTRUCTION OF THE REINFORCED CONCRETE ELEMENTS SHOP DRAWINGS SHALL INCLUDE LAYOUT AND DIMENSIONS OF REINFORCING INCLUDING ANY OPENINGS, CONVENTIONAL REINFORCEMENT DETAILS, CONNECTION DETAILS, PROCEDURES AND SEQUENCES ETC. WHEN PLACING CONCRETE IN HOT WEATHER, REFER

TO ACI 301, WHEN PLACING CONCRETE IN COLD

POST-INSTALLED ANCHOR NOTES

WEATHER, REFER TO ACI 306.1.

CONTINUOUS INSPECTIONS ARE REQUIRED FOR POST INSTALLED ANCHOR BOLTS INCLUDING TYPE, SIZE, LENGTH DRILLING METHOD HOLE CLEANING SETTING PROCEDURES.

CERTIFIED BY ACI AND TRAINED BY THE INSTRUCTIONS.



ENGINEERING

NO 3006

No. 14855

PROFESSIONAL

ENGINEER

BEN C. JENNINGS, PE LICENSE NO.

ROJECT NUMBER: 24198 7BBA2

WITH THE MANUFACTURER'S PRINTED INSTALLATION

PROCEDURES, AND ANCHOR INSTALLATION AND ADHESIVE ANCHORS SHALL BE INSTALLED BY AN ADHESIVE ANCHOR INSTALLER WHO HAS BEEN ANCHORS SHALL BE INSTALLED IN ACCORDANCE

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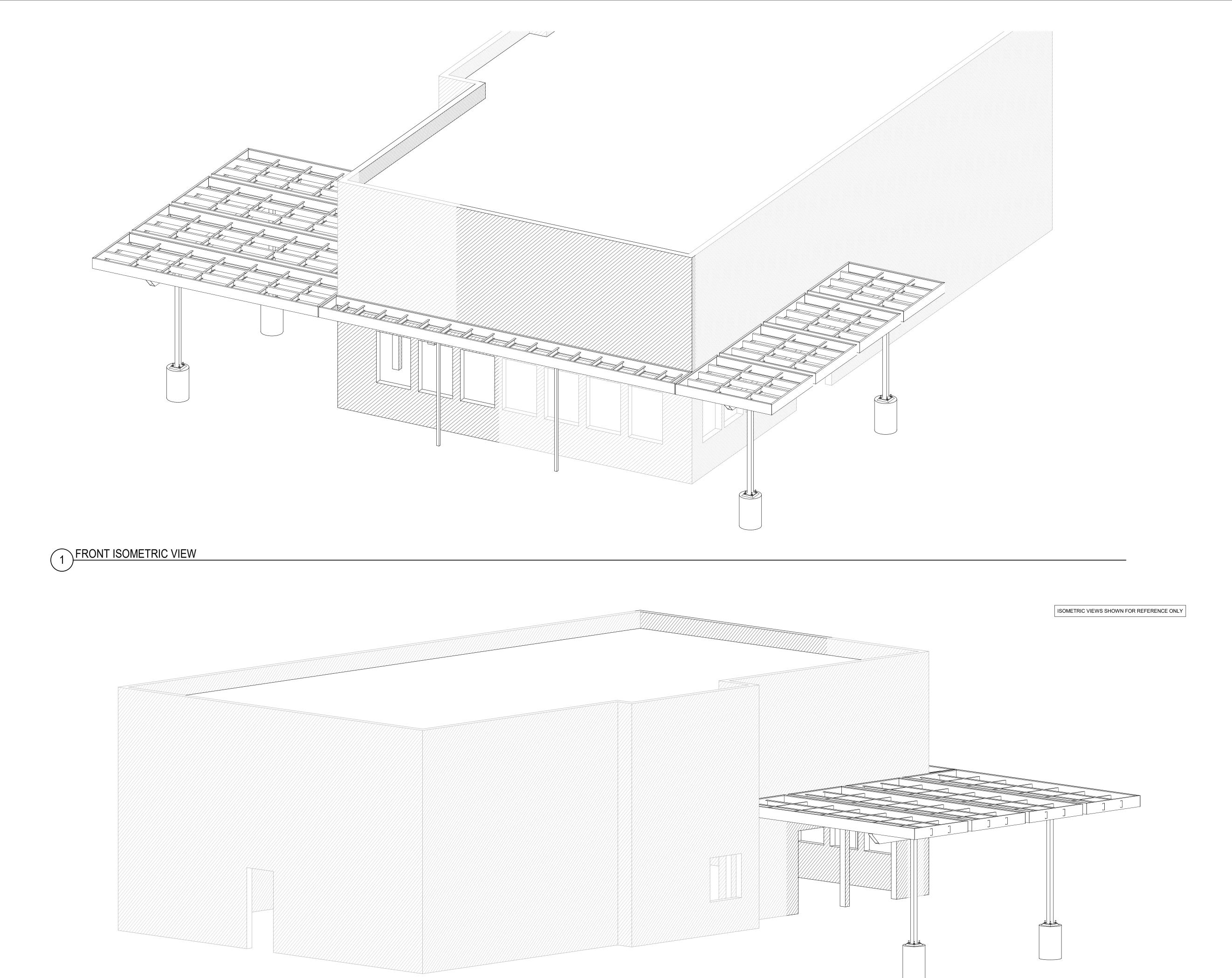
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2006 BF

GENERAL NOTES

DATE: 08/15/2024

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2 REAR ISOMETRIC VIEW

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

** AR COA: 3006

PROFESSIONAL

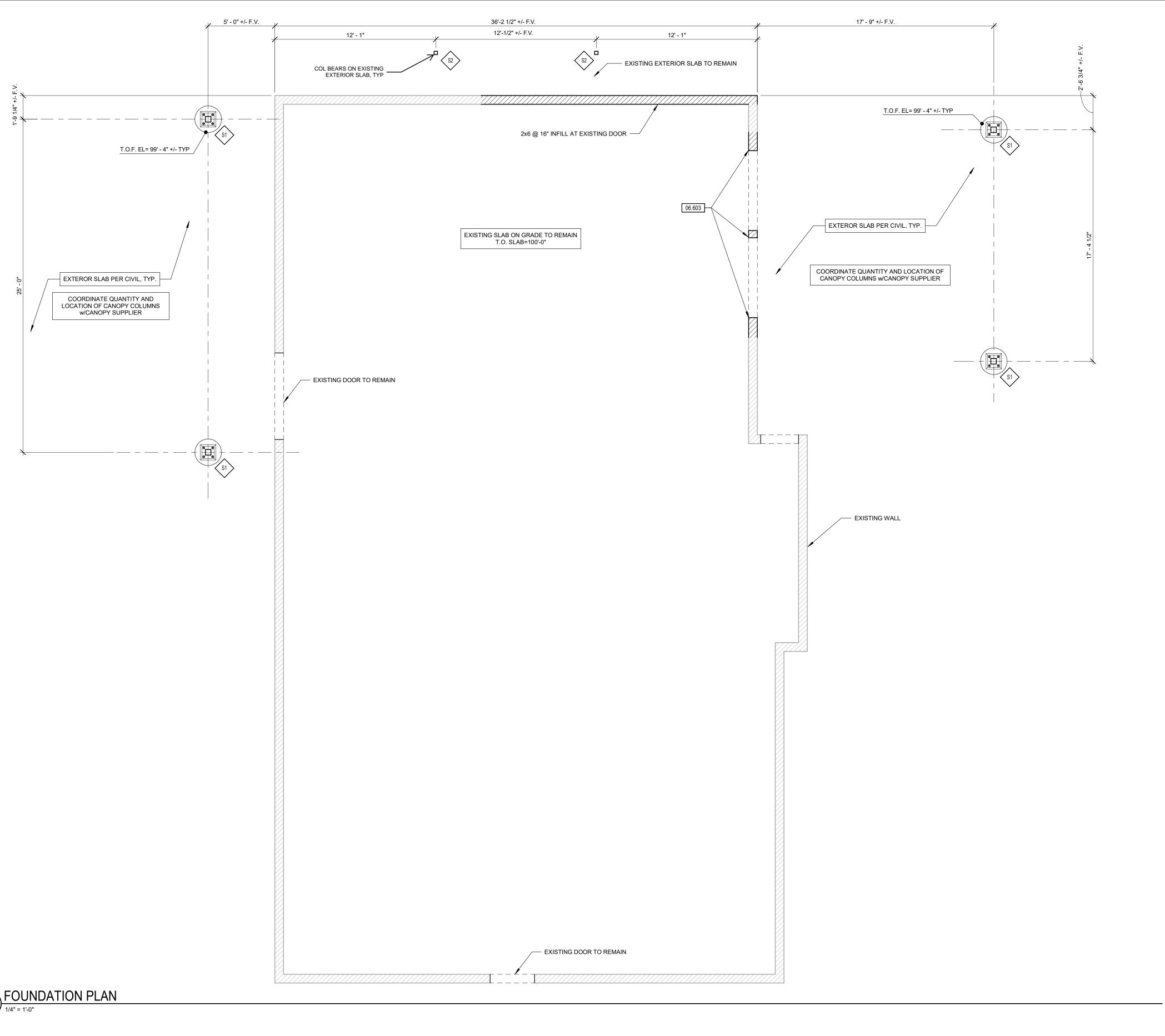
BEN C. JENNINGS, PE 14855

ENGINEER OF RECORD: NAME: BEN LICENSE NO. 14858

PROJECT NUMBER: 24198 7BBA2

S_{0.1} ISOMETRIC VIEWS

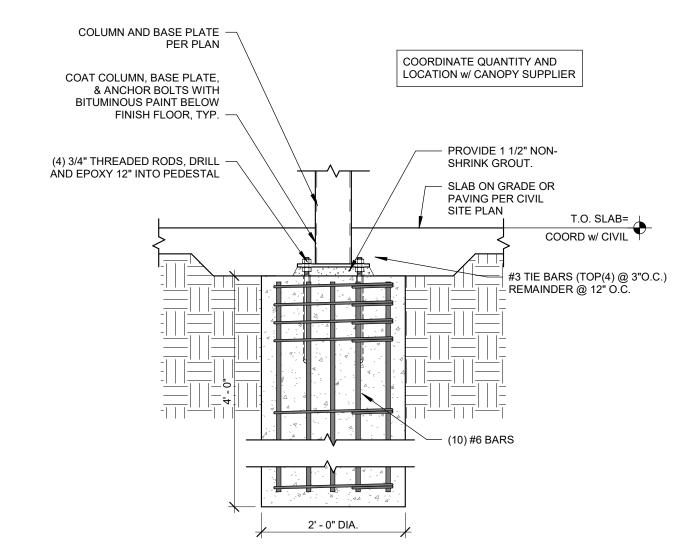
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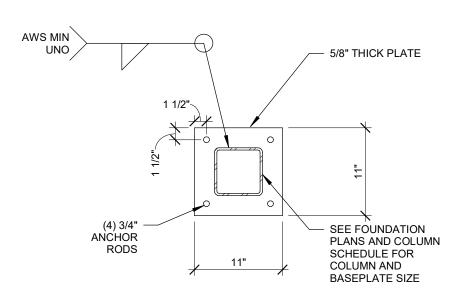
 KEYNOTE LEGEND

 KEYNOTE
 DESCRIPTION

 06.603
 PROVIDE 2x6 JACK STUD BELOW EA HEADER ABOVE. PROVIDE (4) 2x6 FULL HEIGHT EA SIDE OF NEW DOOR.



CANOPY COLUMN FOOTING-RECESSED



CANOPY BASEPLAT

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

PLAN

	STRAIGHT DOWEL DEVELOPMENT LENGTHS (INCHES)									
			TENSION	I				COMPRESSION		
BAR	OTHER BARS				TOP BARS			COMPRESSION		
SIZE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	
#3	17	15	13	22	19	17	9	8	8	
#4	22	19	17	29	25	22	11	10	9	
#5	28	24	22	36	31	28	14	12	12	
#6	33	29	26	43	37	33	17	15	14	
#7	48	42	37	63	54	49	20	17	16	
#8	55	48	43	72	62	55	22	19	18	
#9	62	54	48	81	70	63	25	22	21	
#10	70	61	54	91	79	70	28	25	23	
#11	70	67	60	101	97	70	21	27	25	

NOTES:

1. TOP BARS ARE HORIZONTAL REINFORCEMENT PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT.

2. LAP SPLICE LENGTHS ARE BASED ON BARS SPACED AT (2) BAR DIAMETERS OR MORE ON CENTER W/ (1) BARS DIAMATER MINIMUM ON CONCRETE COVER. NOTIFY ENGINEER IF SPACING IS LESS THAN (2) BAR DIAMETERS.

		LAP S	PLICE LENGTI	HS (INCHES)							
		TENSION (CLASS B SPLICE)									
BAR		OTHER BARS			3000 PSI 4000 PSI						
SIZE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	5000 PSI CONCRETE				
#3	22	19	17	28	24	22	12				
#4	29	25	22	37	32	29	15				
#5	36	31	28	47	40	36	19				
#6	43	37	33	56	48	43	23				
#7	63	54	49	81	70	63	27				
#8	72	62	55	93	80	72	30				
#9	81	70	63	105	91	81	34				
#10	91	79	70	118	102	91	38				
#11	101	87	78	131	113	101	43				

ı	NO	TES:
ı	1.	TOP BARS ARE HORIZONTAL REINFORCEMENT PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER
ı		BELOW THE REINFORCEMENT.
ı	2.	LAP SPLICE LENGTHS ARE BASED ON BARS SPACED AT (2) BAR DIAMETERS OR MORE ON CENTER W/ (1) BAR DIAMETER MINIMUM
ı		OF CONCRETE COVER NOTIFY ENGINEER IF SPACING IS LESS THAN (2) BAR DIAMETERS

		EMBEDMENT		EXTEN	SION						
BAR SIZE	3000 PSI CONCRETE	4000 PSI CONCRETE	5000 PSI CONCRETE	90 DEG HOOK	180 DEG HOOK	MINIMUM RADIUS OF BEND (INCHES					
#3	8	7	6	4.5	2.5	1.50					
#4	11	9	8	6.0	2.5	2.00					
#5	14	12	11	7.5	2.5	2.50					
#6	16	14	13	9.0	3.0	3.00					
#7	19	17	15	10.5	3.5	3.50					
#8	22	19	17	12.0	4.0	4.00					
#9	25	21	19	13.5	4.5	5.64					
#10	28	24	22	15.2	5.1	6.35					
#11	31	27	24	16.9	5.6	7.05					
RADIUS OF BEND EXTENSION	EMBEDMEN 90 DEG HOO			IUS OF 🔍 🛨	RADIUS OF BEND EXTENSION						

2006 N REYNOLDS ROAD

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

AR COA: 3006

PROFESSIONAL

BEN C. JENNINGS, PE

ENGINEER OF RECORD:

PROJECT NUMBER:

NAME: LICENSE NO.

24198 7BBA2

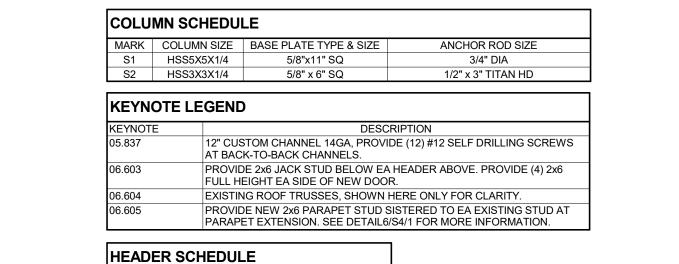
REVISION:

S1.1

FOUNDATION PLAN AND DETAILS

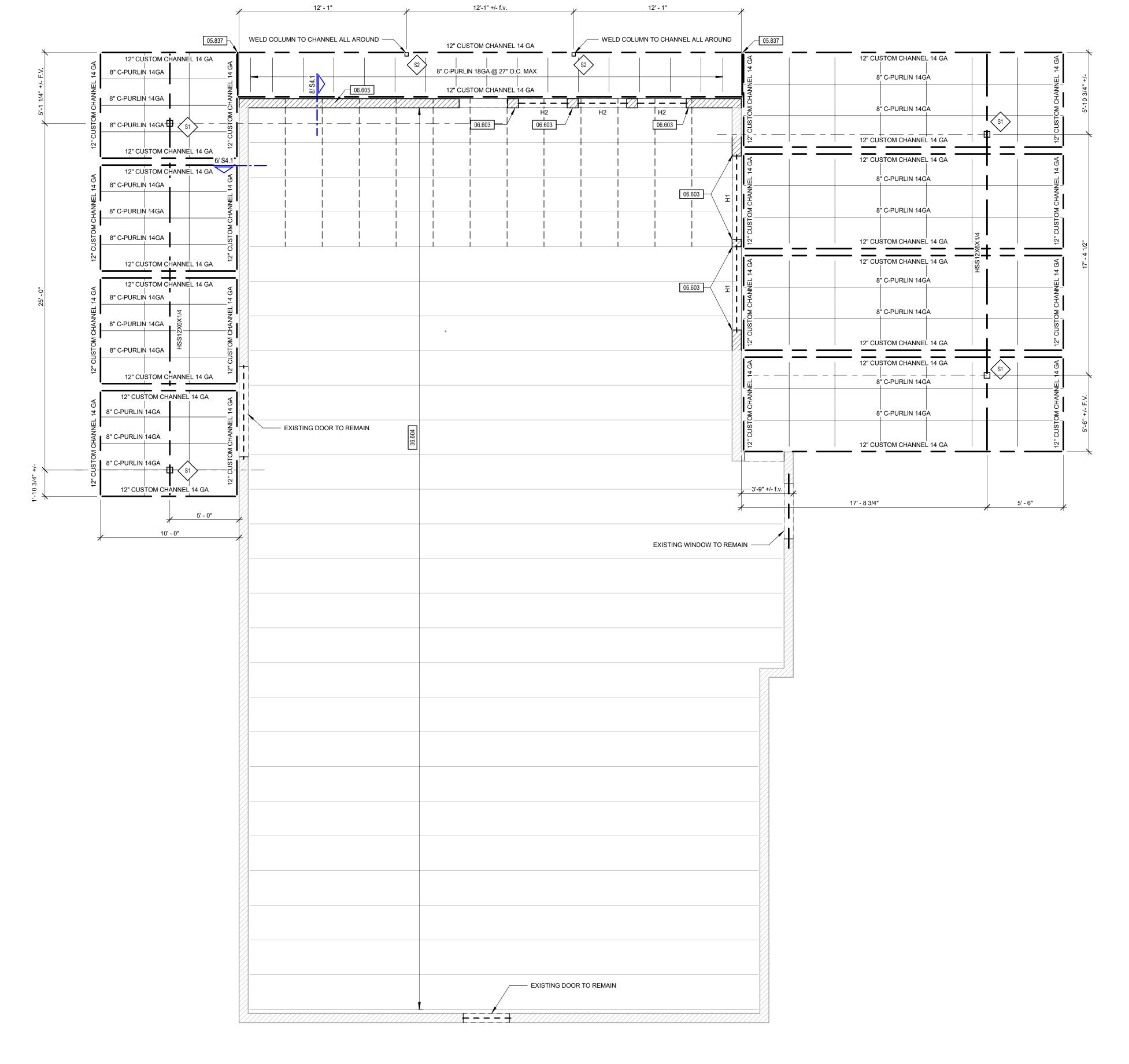
DATE: 08/15/2024

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Description
(3) 1 3/4"x 11 7/8" LVL

(3) 2x8



ARKANŠAS LIČĒRŠED PROFESSIONAL ENGINEER OF RECORD: BEN C. JENNINGS, PE LICENSE NO.

3045 S. KANSAS EXPRESSWAY SPRINGFIELD, MO 65807 PHONE: 417.708.9315

AR COA: 3006

PROJECT NUMBER: 24198 7BBA2

REVISION:

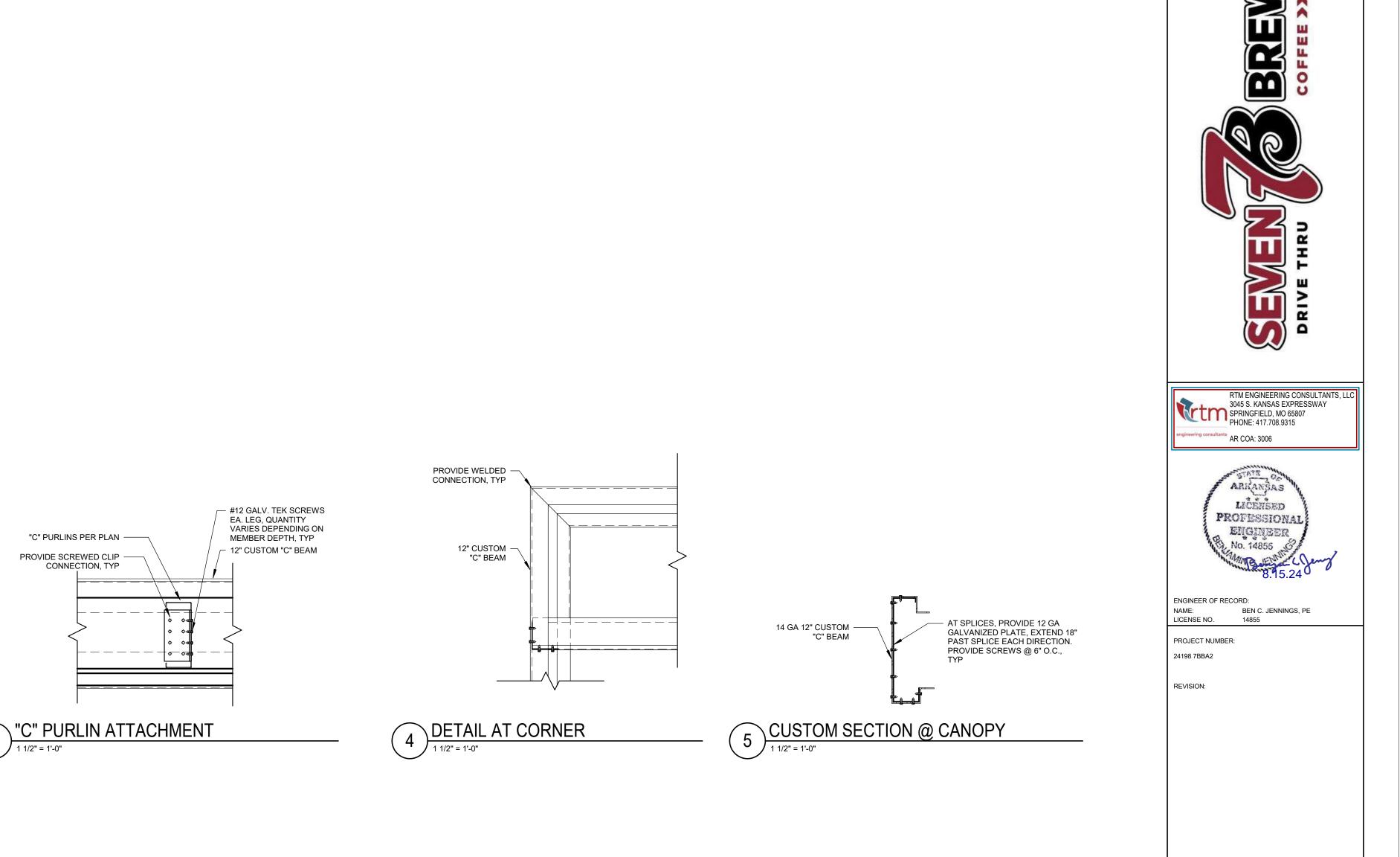
7 BREW

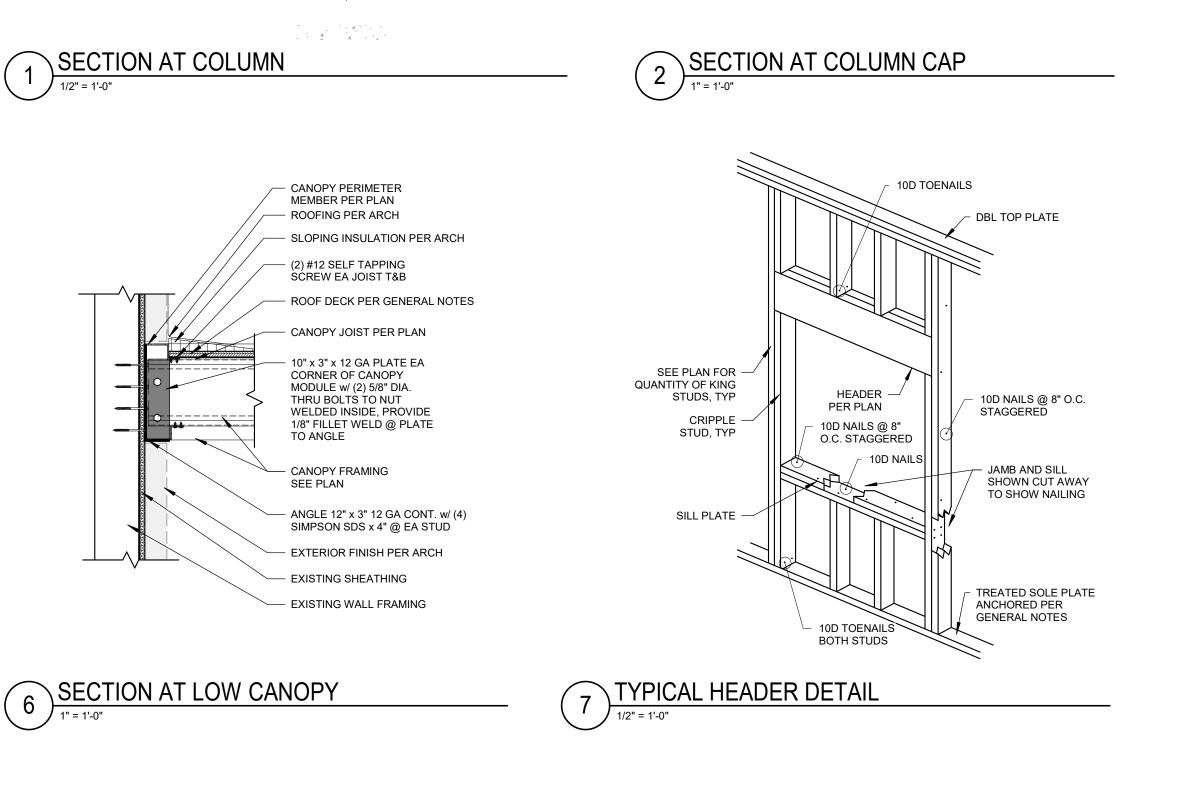
S3.1 DRIVE-THRU CANOPY

1 CANOPY ADDITION FRAMING PLAN

1/4" = 1'-0"

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SLAB ON GRADE
 OR PAVING PER

CIVIL SITE PLAN

COAT MATERIALS SO NO CONTACT AT DISSIMILAR METALS.

TABS & BOLTS SHALL BE GALVANIZED.

3/8"x3"x3" TAB -

NUT SHOP -

SHOP WELDED TO

B.O. BEAM, TYP

WELDED TO TAB

BEAM PER PLAN

- 5/8" DIA BOLT, TYP

- COLUMN PER PLAN

& SCHEDULE

STEEL COLUMN PER -PLAN & SCHEDULE

COAT COLUMN, BASE PLATE, & ANCHOR BOLTS WITH BITUMINOUS PAINT BELOW

T.O. SLAB=

COORD W CIVIL

T.O. FTG =

PER PLAN

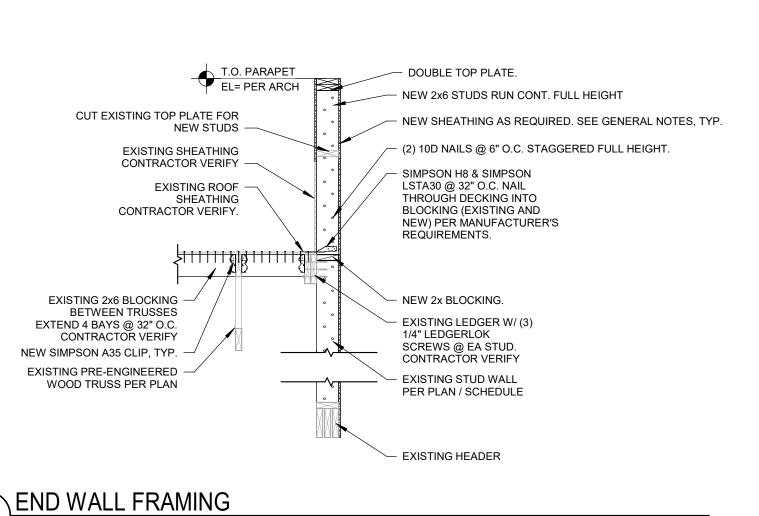
FINISH FLOOR, TYP. -BASEPLATE AND ANCHOR -

BOLT PER SCHEDULE

COORDINATE QUANTITY

AND LOCATION WITH

CANOPY SUPPLIER



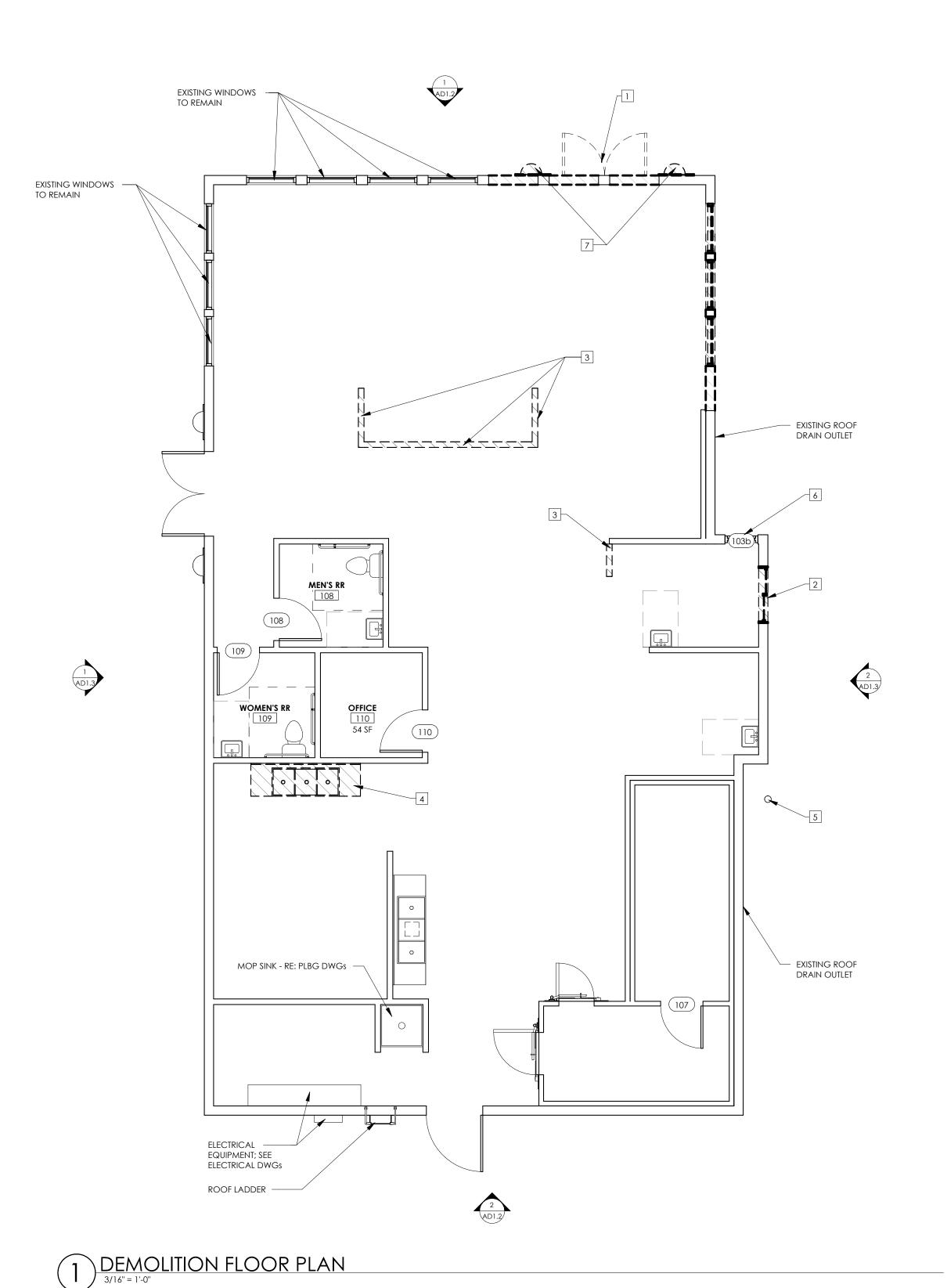
FRAMING DETAILS

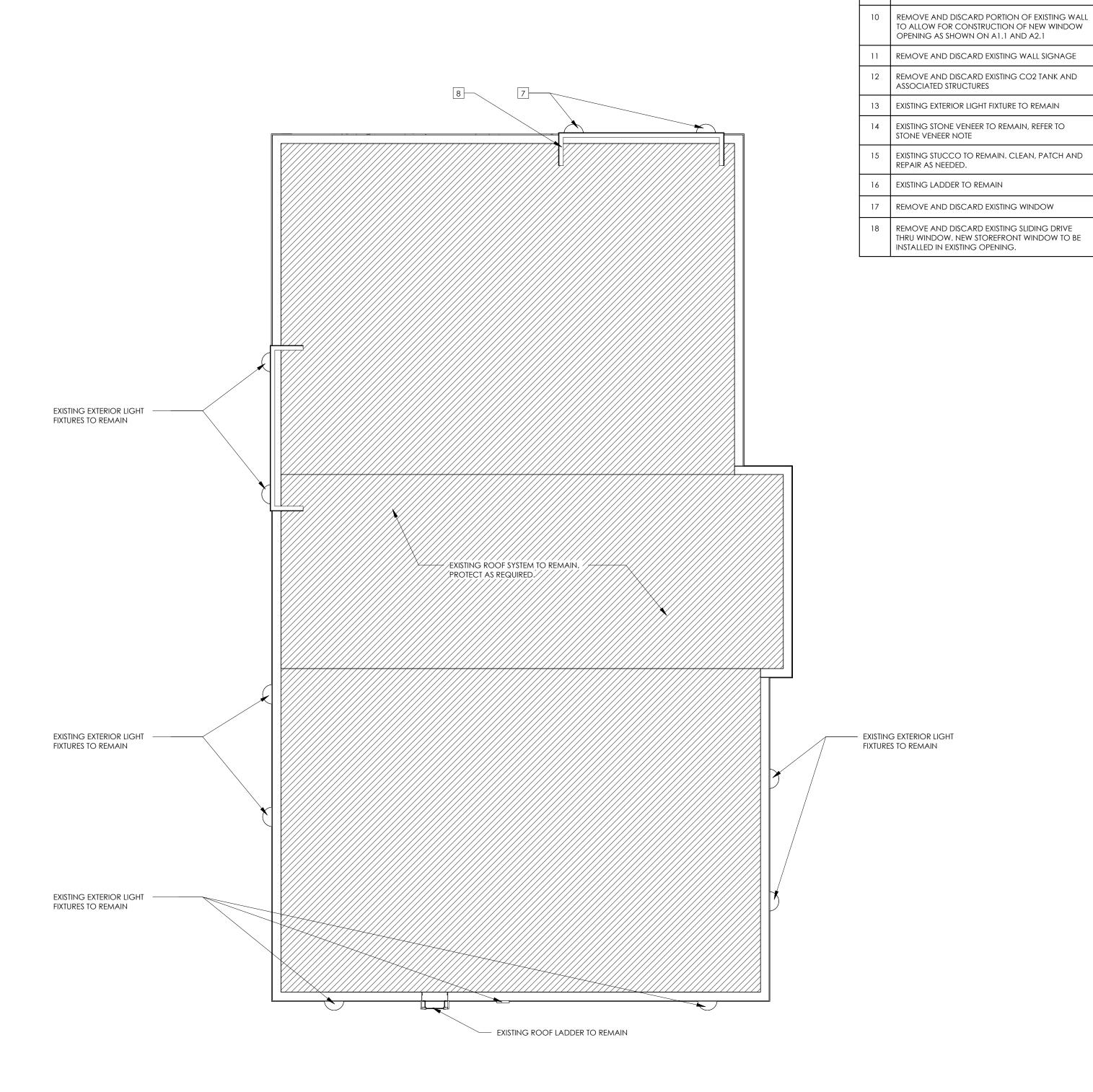
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I REYNOLDS ROA YANT, AR 72022

2006 N BRY

DATE: 08/15/2024 P:\Kinetic DD\7 Brew\Arkansas\Bryant #2\Revit_24\S_7BRW_R24_BRYANT_2.rvt





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

TNEWELOPMENT

DEMOLITION KEYNOTES

INSTALLED IN PLACE.

BE APPLIED TO GLAZING.

REQUIRED.

REMOVE AND DISCARD EXISTING DOOR.

REMOVE AND DISCARD EXISTING WALLS.

EXISTING BOLLARD TO REMAIN. PROTECT AS

LOCK AND REMOVE HARDWARE. PRIVACY FILM TO

REMOVE AND DISCARD EXISTING LIGHT FIXTURE.

CAP EXISTING ELECTRICAL JUNCTION BOXES AS

NEEDED AND PAINT TO MATCH ADJACENT WALL.

REMOVE AND DISCARD EXISTING FINISH ON PARAPET PORTION TO EXISTING STUD/SHEATHING TO ALLOW FOR NEW CONSTRUCTION. REFER TO STRUCTURAL FOR ADDITIONAL SUPPORT REQUIRED.

REMOVE AND DISCARD EXISTING CANOPY AND TIE RODS. PATCH AND REPAIR WALL BEHIND.

4 REMOVE AND DISCARD EXISTING FIXTURE.

REMOVE AND DISCARD SLIDING DRIVE THRU WINDOW. NEW STOREFRONT WINDOW TO BE

TAG DESCRIPTION

ZDISHO

ABBYE
BOBBETT
Abbye N. Bobbett
No. 912014
OF ARKAN

ARCHITECT OF RECORD:

NAME: ABBYE BOBBETT
LICENSE NO. 77051

PROJECT NUMBER: 24198 7BBA2

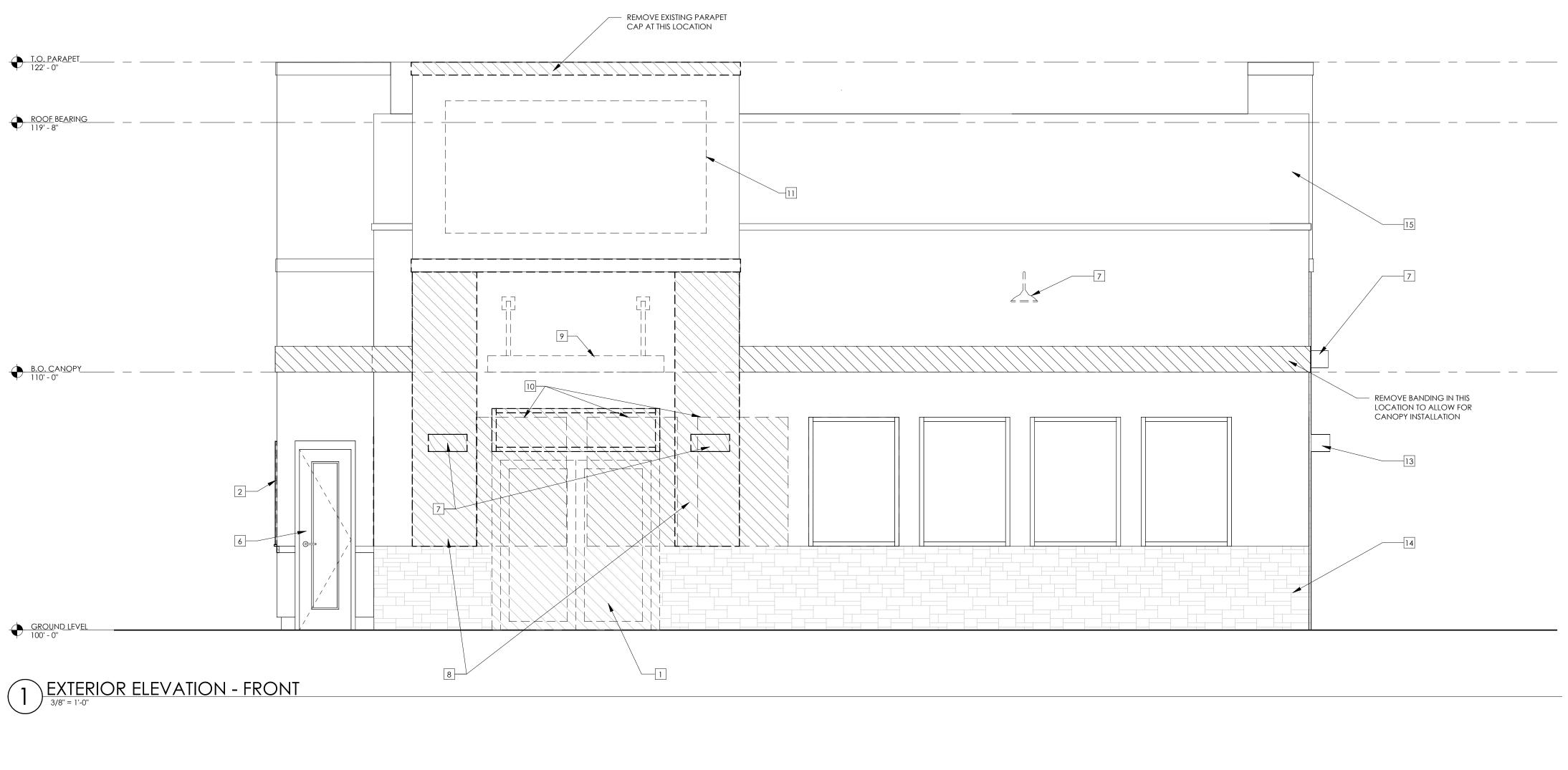
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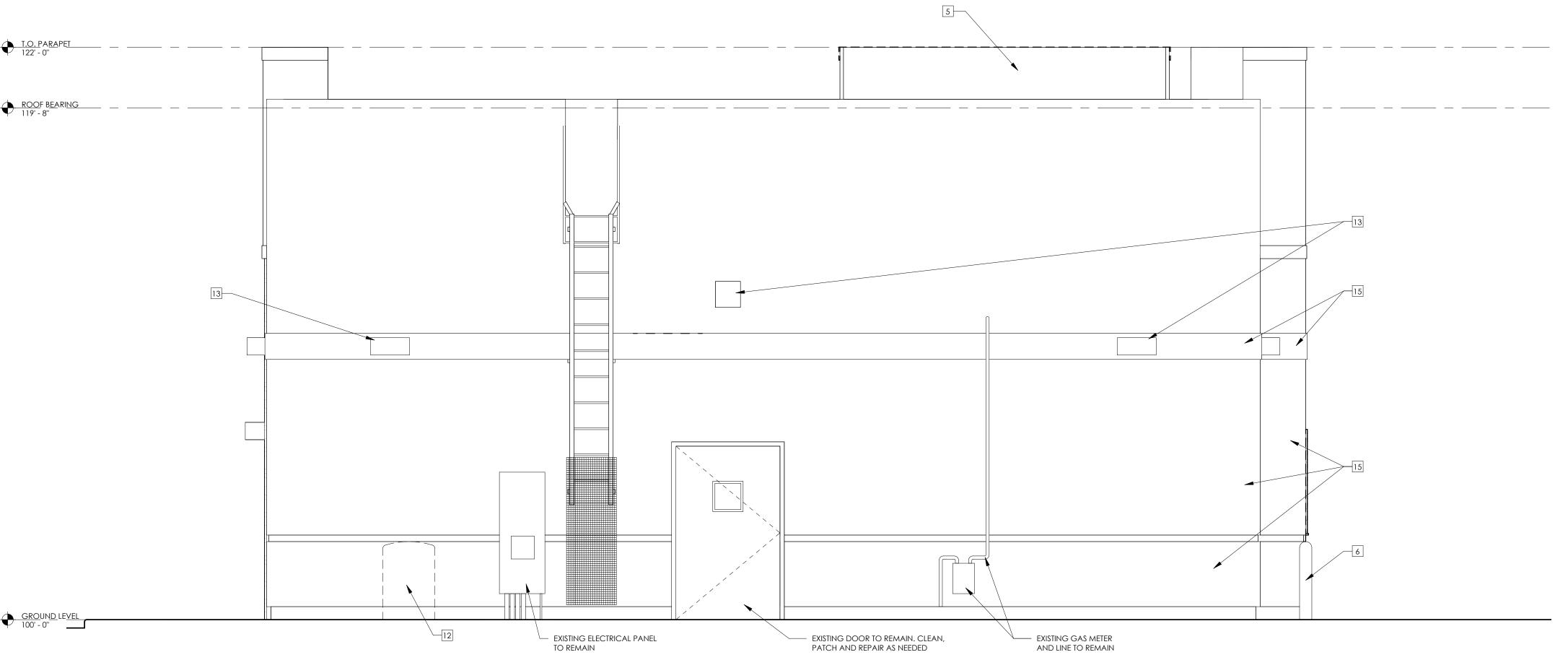
BREW COFFEE
YANT, AR #2

2006 N REYNOLDS F

AD1.1

ARCHITECTURAL DEMOLITION





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

DEMOLITION KEYNOTES TAG DESCRIPTION REMOVE AND DISCARD EXISTING DOOR. REMOVE AND DISCARD SLIDING DRIVE THRU WINDOW. NEW STOREFRONT WINDOW TO BE INSTALLED IN PLACE. REMOVE AND DISCARD EXISTING WALLS. REMOVE AND DISCARD EXISTING FIXTURE. EXISTING BOLLARD TO REMAIN. PROTECT AS REQUIRED. LOCK AND REMOVE HARDWARE. PRIVACY FILM TO BE APPLIED TO GLAZING. REMOVE AND DISCARD EXISTING LIGHT FIXTURE.
CAP EXISTING ELECTRICAL JUNCTION BOXES AS NEEDED AND PAINT TO MATCH ADJACENT WALL. REMOVE AND DISCARD EXISTING FINISH ON PARAPET PORTION TO EXISTING STUD/SHEATHING TO ALLOW FOR NEW CONSTRUCTION. REFER TO STRUCTURAL FOR ADDITIONAL SUPPORT REQUIRED. REMOVE AND DISCARD EXISTING CANOPY AND TIE RODS. PATCH AND REPAIR WALL BEHIND. REMOVE AND DISCARD PORTION OF EXISTING WALL TO ALLOW FOR CONSTRUCTION OF NEW WINDOW OPENING AS SHOWN ON A1.1 AND A2.1 REMOVE AND DISCARD EXISTING WALL SIGNAGE REMOVE AND DISCARD EXISTING CO2 TANK AND ASSOCIATED STRUCTURES 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 REMOVE AND DISCARD EXISTING WINDOW 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.

FIRM LICENSE NO. 24353

LICENSE NO. 77051

ARCHITECT OF RECORD: NAME: ABBYE BOBBETT

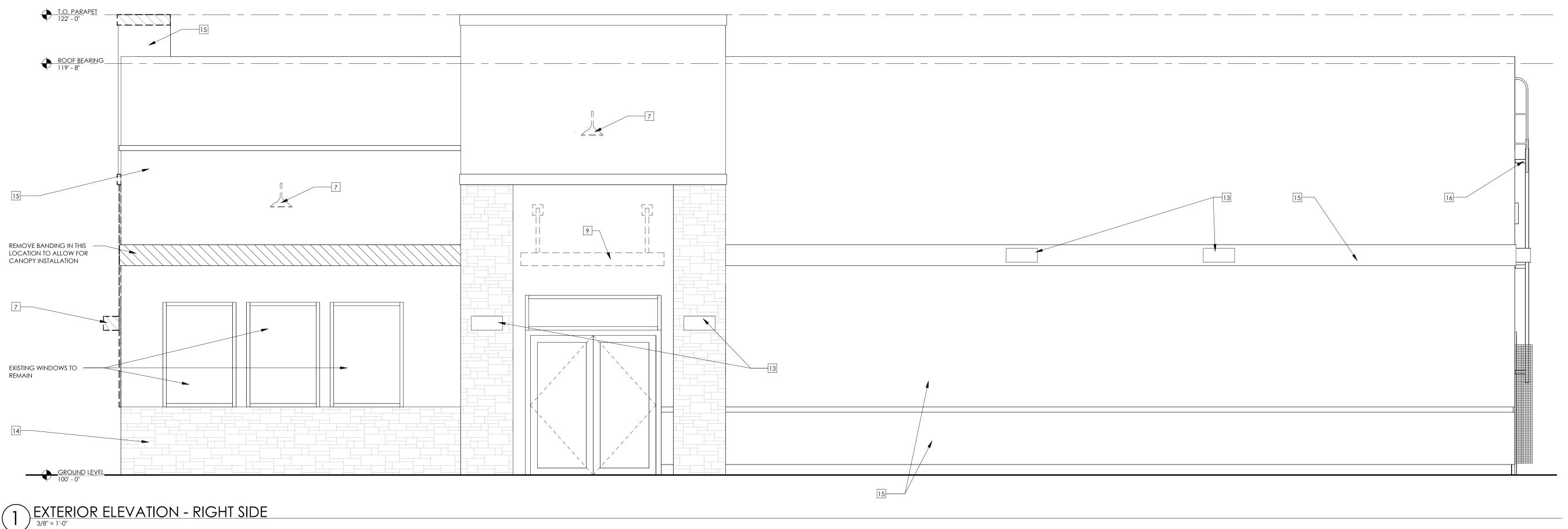
PROJECT NUMBER: 24198 7BBA2

REVISION:

BREW

AD1.2

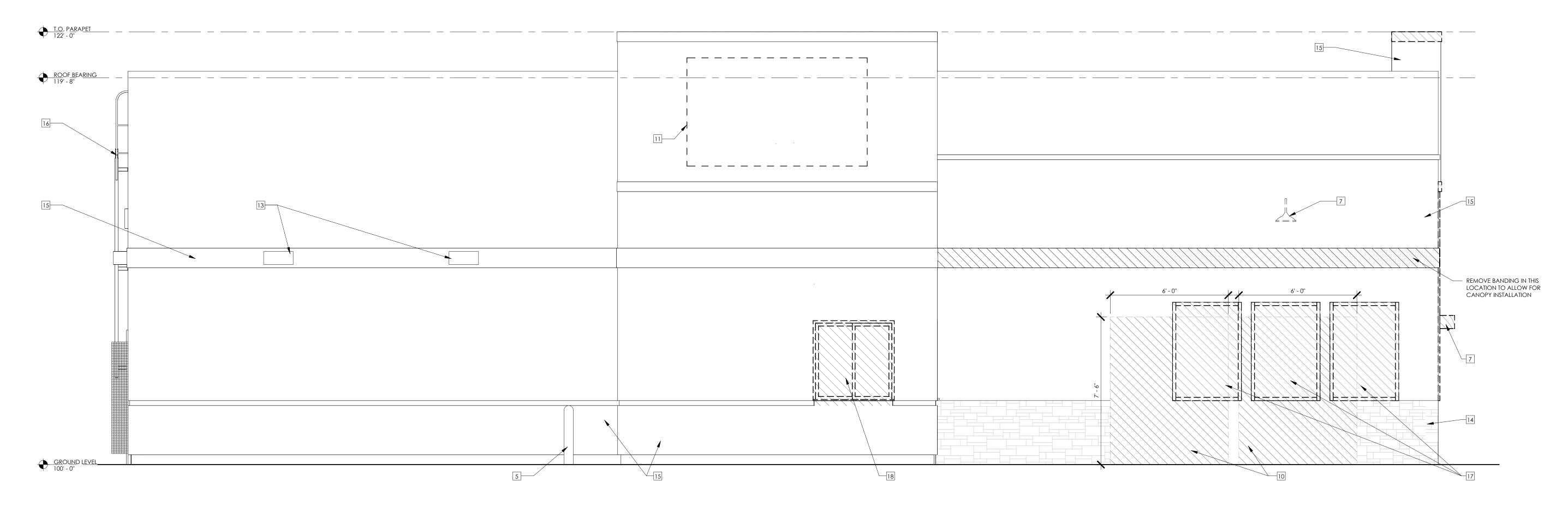
ARCHITECTURAL DEMOLITION



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

AD1.3

ARCHITECTURAL DEMOLITION

DATE: AUGUST 15, 2024

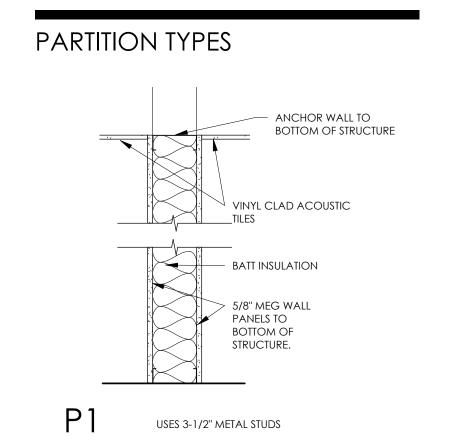
IT, AR #2VOLDS ROAD

FIRM LICENSE NO. 24353

NAME: ABBYE BOBBETT LICENSE NO. 77051

REVISION:

PROJECT NUMBER: 24198 7BBA2



NEW 1" INSULATED TEMPERED THERMAL WINDOWS w/ LOW-E GLASS, CLEAR.

THERMAL WINDOW, INC. 550-FX-CW80

CANOPY TO BE PROVIDED
 AND INSTALLED BY BUILDING
 MANUFACTURER

					WA	LLS		CLG HGT	
RM NO.	RM NAME	FLR	BASE	TOP	RT	ВОТ	LT	CLG	0201101
101	DINING ROOM	F2	В1	W1/2	W1/2	W1	W1/2	C1	VERIFY
102	SERVICE AREA	F1	В1	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:

F2 EXISTING FLOOR TO REMAIN

<u>FLOORS</u> <u>BASE</u> F1 PROTECT-ALL VINYL

B1 METAL COVE BASE B2 NONE

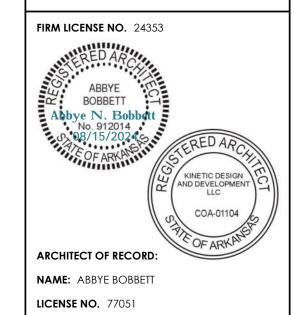
W1 MEG WALL PANELS W2 ALUM STOREFRONT SYSTEM W3 EXPOSED STRUCTURE

C1 VINYL CLAD ACOUSTICAL TILES C2 GYPSUM BOARD C3 EXISITING CEILING TO REMAIN

<u>CEILINGS</u>

1. 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.



PROJECT NUMBER: 24198 7BBA2

REVISION:

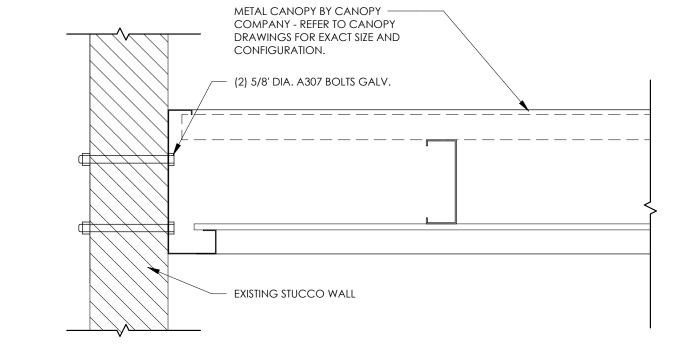
BREW

2006 n reynolds road bryant, ar 72022

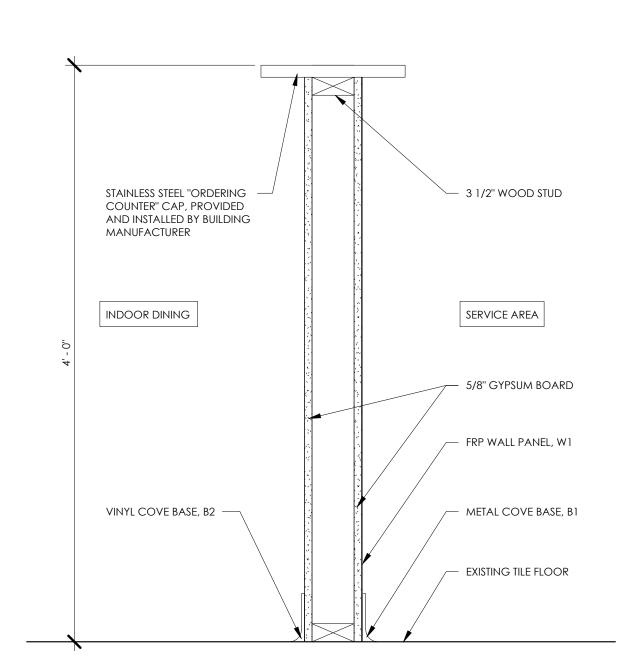
A1.1 FLOOR PLANS

DATE: AUGUST 15, 2024

DINING ROOM PROTECT-ALL VINYL FLOORING AND COVE BASE THROUGHOUT SERVICE AREA SERVICE AREA EXISTING TILE ----FLOOR TO REMAIN THROUGHOUT TRANSITION STRIP, SEE CORRIDOR DETAIL 3/A1.1 EXISTING TILE FLOOR TO — WOMEN'S RR REMAIN THROUGHOUT BACK OF HOUSE BACK OF HOUSE - EXISTING FLOOR TO REMAIN STORAGE 104 ELECTRICAL

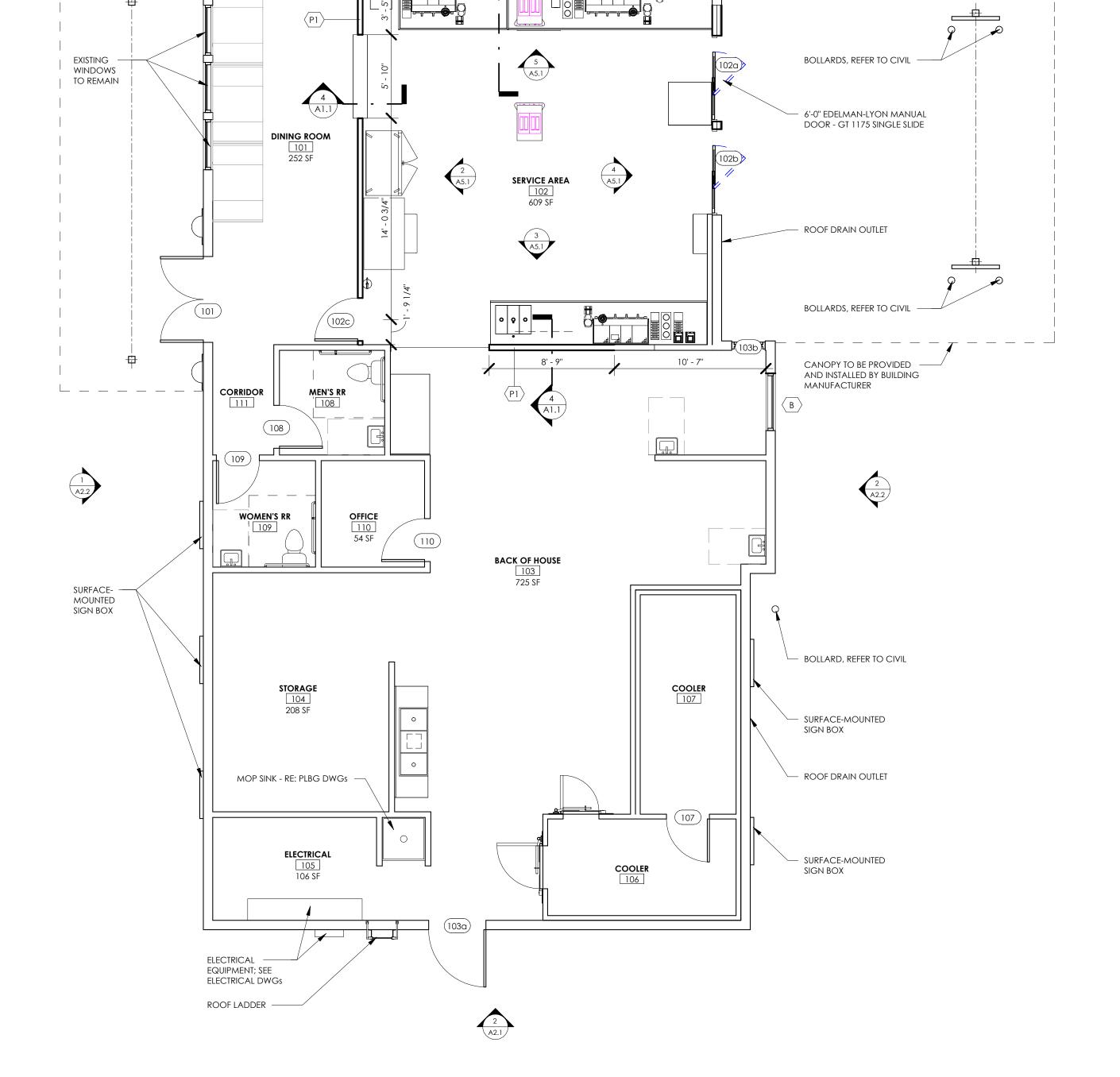


3 DETAIL - CANOPY CONNECTION DETAIL



STAINLESS STEEL LEDGE DETAIL

1 1/2" = 1'-0"



EXISTING WINDOWS

TO REMAIN

_____+

EGRESS LEGEND PATH OF EGRESS TRAVELED: SPACE OCCUPANCY: ROOM NAME -- ROOM NAME AND NUMBER ROOM AREA, SQUARE FOOTAGE FUNCTION -USE GROUP PER IBC SECTION 3 000 OCC. OCCUPANCY: AREA OF SPACE/AREA ALLOWANCES PER IBC TABLE 1004.1.2 DOOR EXIT CAPACITY: — EXIT TYPE (DOOR, STAIR, ETC) — NUMBER OF OCCUPANTS USING THE EXIT. DOOR EXIT 000 OCC. 00" REQD. — - EGRESS WIDTH REQUIRED FOR NUMBER OF 00" PROVIDED ___ OCCUPANTS USING THE EXIT PER IBC SECTION 1005. — EGRESS WIDTH PROVIDED.

EGRESS LOADING INFORMATION

150 S.F. PER OCCUPANT

OCCUPANCY LOADING CALCULATIONS PER IBC 2021: TABLE 1004.1.2

BUSINESS:

#	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

EGRESS WIDTH REQUIRED: 32 OCCUPANTS X 0.2" PER OCCUPANT REQUIRED = 6.4" EGRESS WIDTH PROVIDED: 36" EGRESS WIDTH OF O.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 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: 32 OCCUPANTS / 40 SINKS REQUIRED:

= 1 REQUIRED SINKS PROVIDED: = 2 PROVIDED DRINKING FOUNTAIN COUNT: DRINKING FOUNTAINS REQUIRED: 32 OCCUPANTS / 100

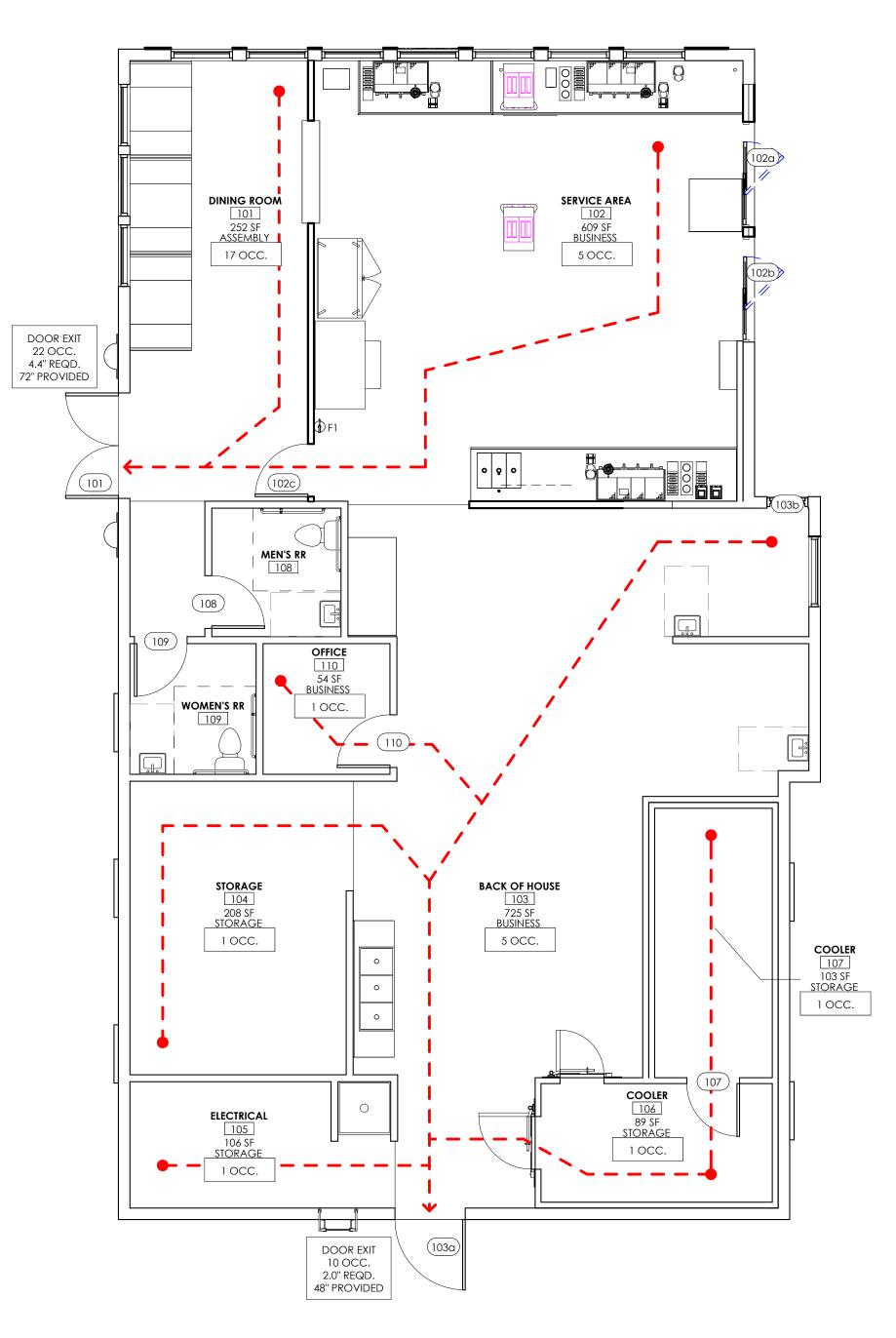
= 1 REQUIRED = WATER WILL BE PROVIDED FOR FREE UPON REQUEST. DRINKING FOUNTAIN PROVIDED: SERVICE SINK COUNT:

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

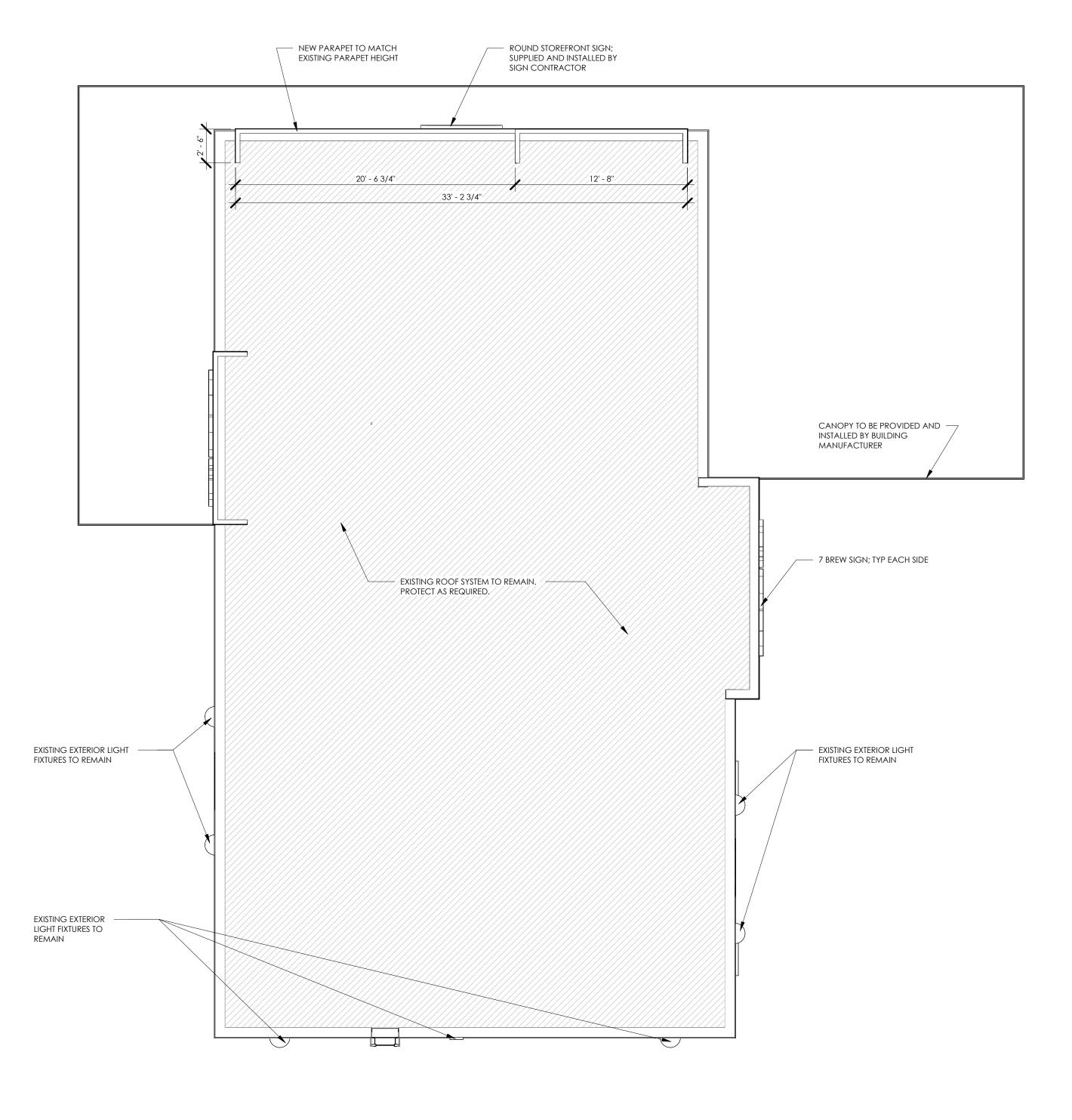
FIRE EXTINGUISHER NOTES

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

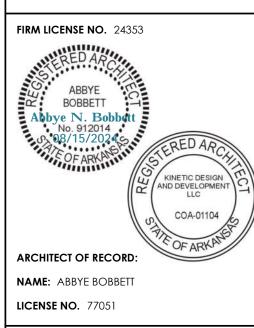
> 75'-0" RADIUS FROM FIRE EXTINGUISHER @ F1 (NOT SHOWN, ENCOMPASSES ENTIRE BUILDING)











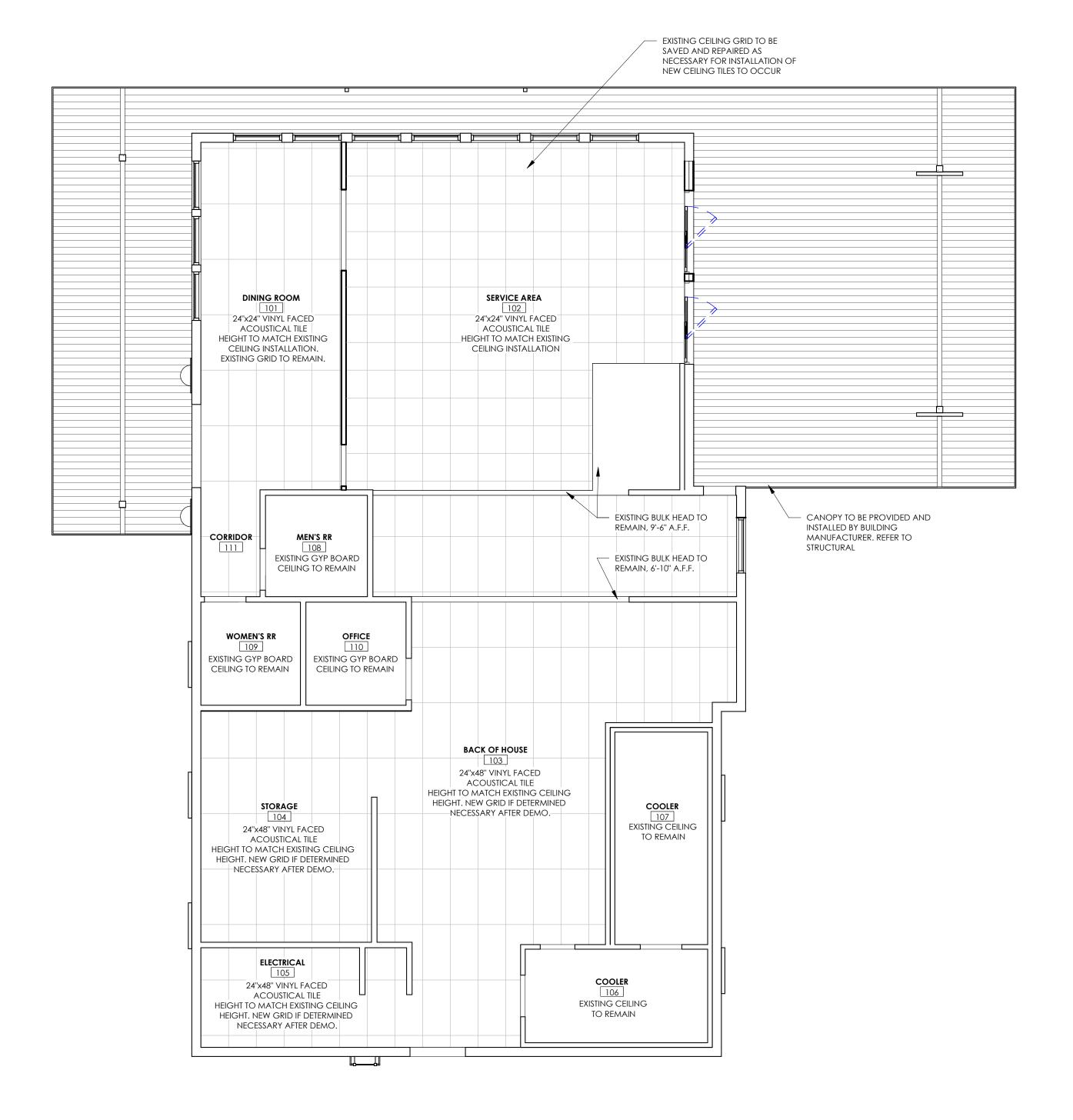
PROJECT NUMBER: 24198 7BBA2 **REVISION:**

BREW

ROOF PLAN / EGRESS PLAN

RCP - GROUND LEVEL

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





7 BREW COFFEE

BRYANT, AR #2

FIRM LICENSE NO. 24353

ARCHITECT OF RECORD:

NAME: ABBYE BOBBETT

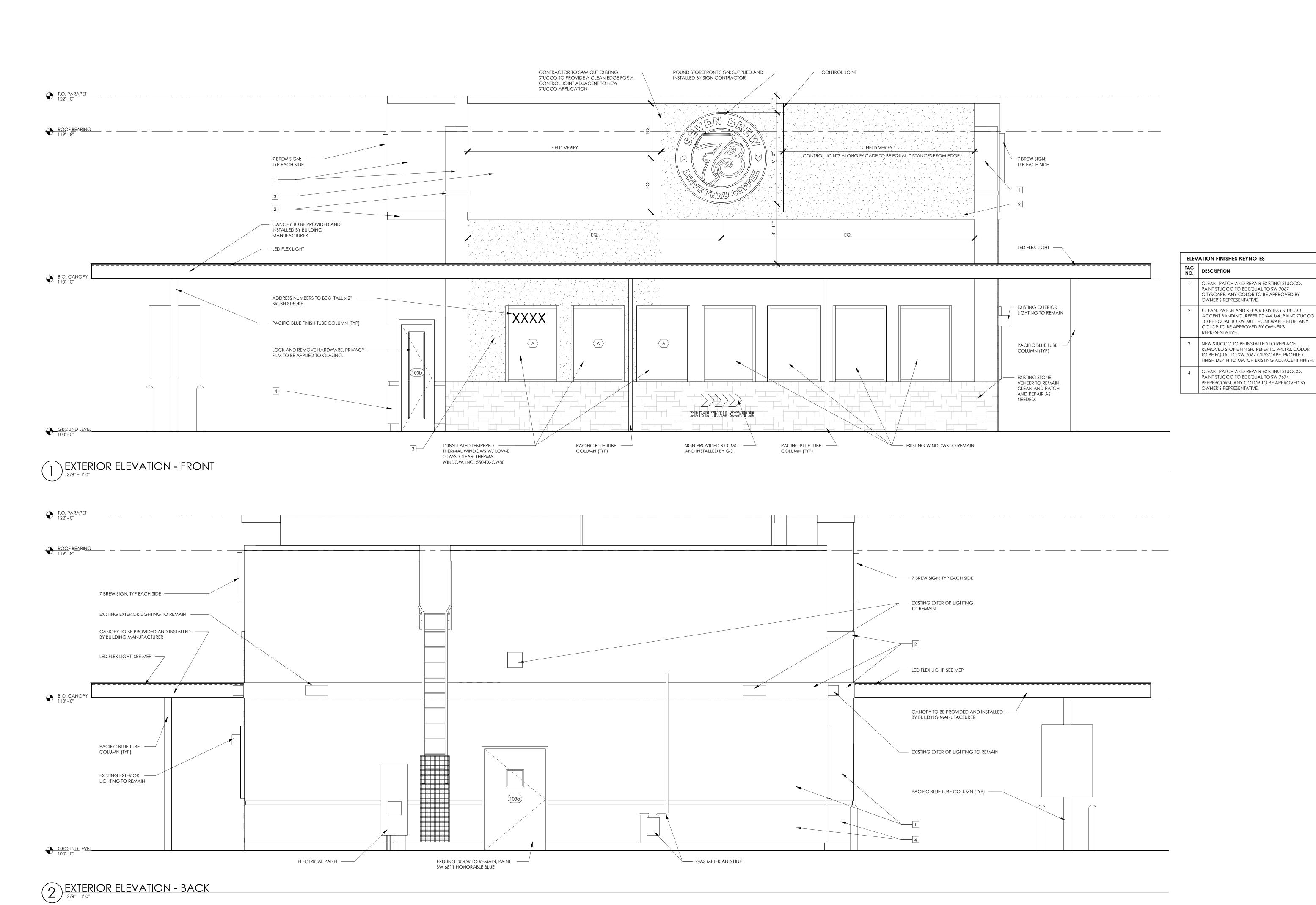
LICENSE NO. 77051

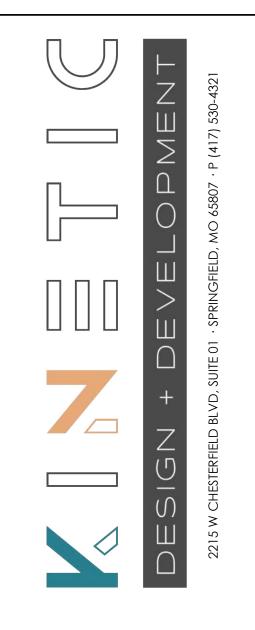
REVISION:

PROJECT NUMBER: 24198 7BBA2

2006 N REYNOLDS ROA

A1.3
REFLECTED CEILING PLANS





ABBYE BOBBETT

Architect of Record:

NAME: ABBYE BOBBETT

PROJECT NUMBER: 24198 7BBA2

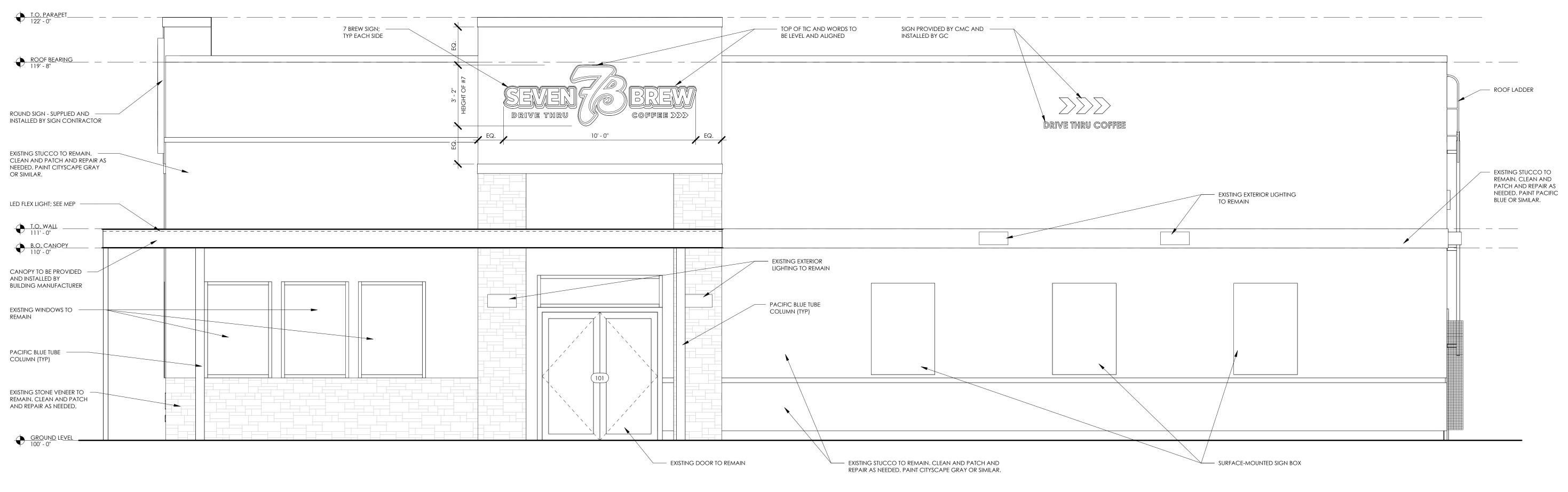
LICENSE NO. 77051

REVISION:

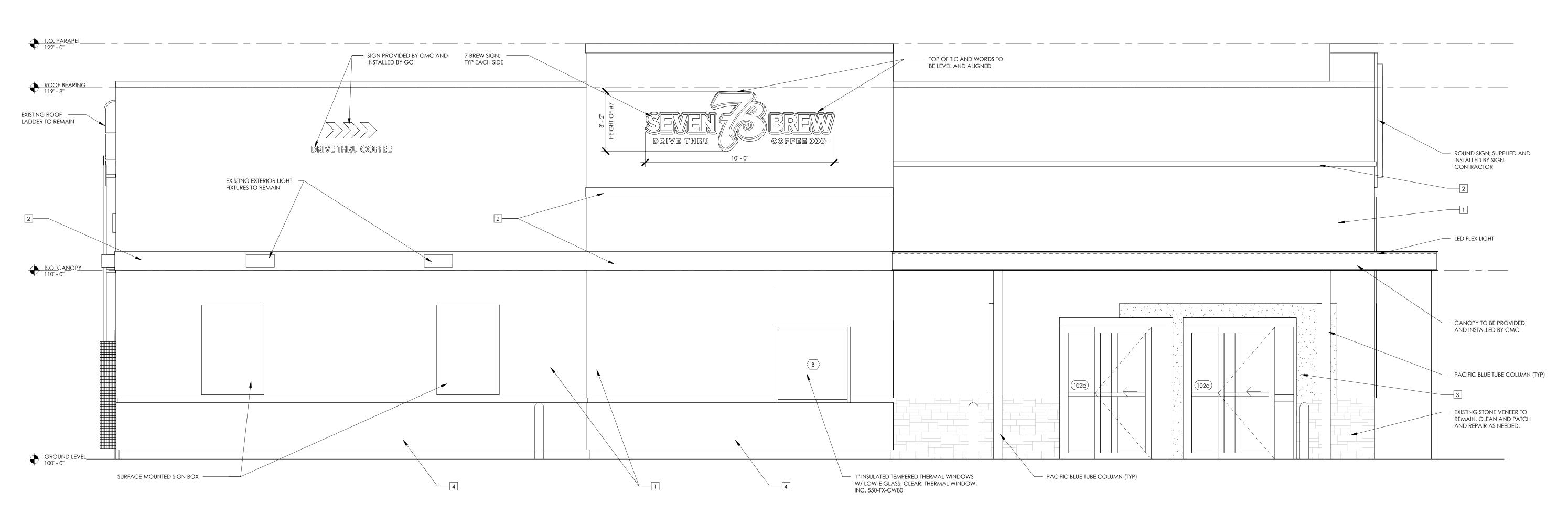
' BREW COFFEE

YANT, AR #2

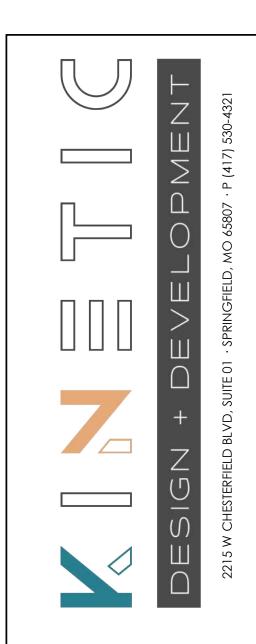
A2.1
EXTERIOR ELEVATIONS

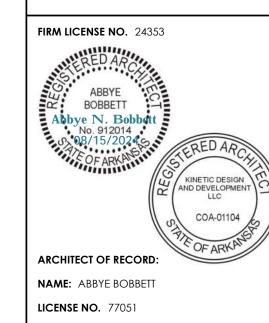


1 EXTERIOR ELEVATION - RIGHT SIDE



2 EXTERIOR ELEVATION - LEFT SIDE

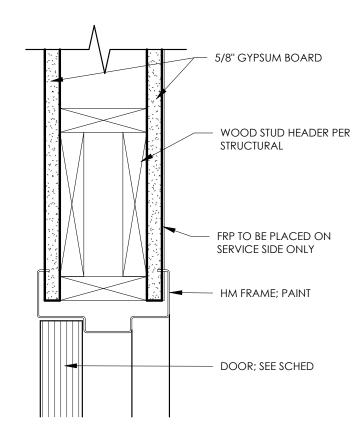


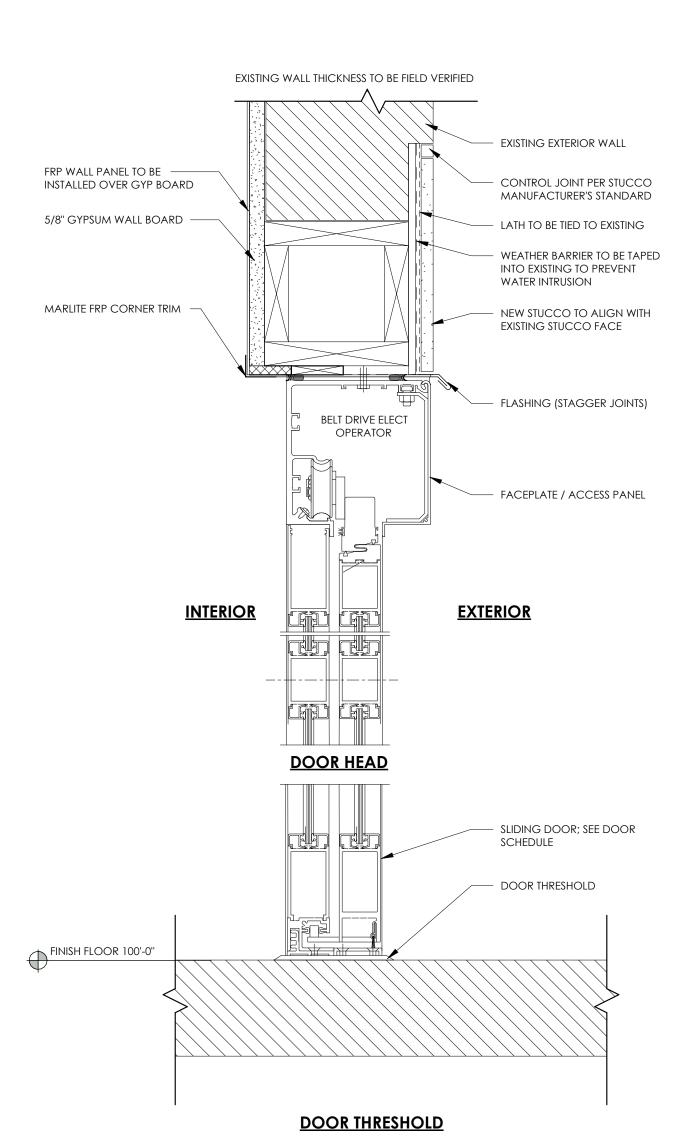


PROJECT NUMBER: 24198 7BBA2
REVISION:

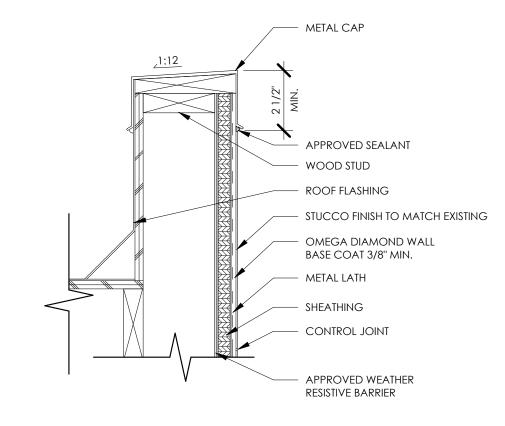
7 BREW COFFEE RYANT, AR #2

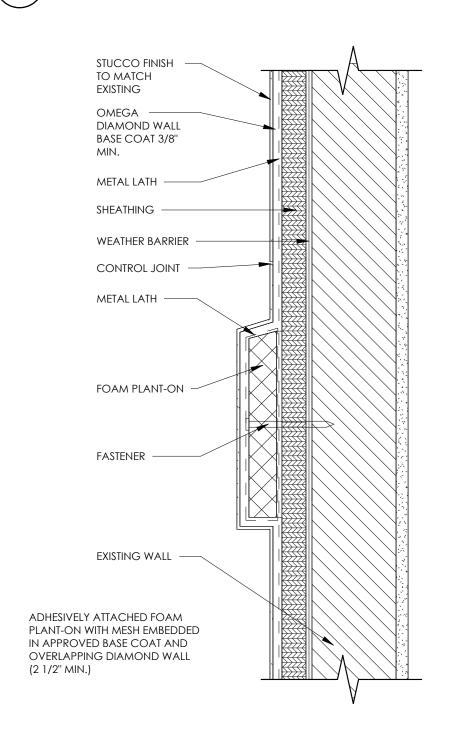
A2.2
EXTERIOR ELEVATIONS





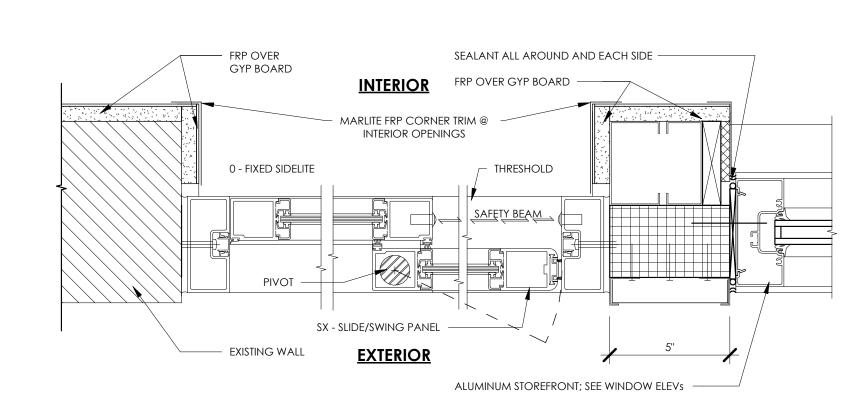
3 SLIDING DOOR HEAD/THRESHOLD





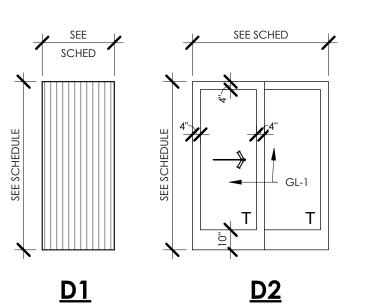
TYPICAL FOAM PLANT-ONS

3" = 1'-0"



			D	OOR SCHE	DULE				
				DOOR		FRAME		DETAILS	
DOOR NUMBER	ROOM	SIZE	TYPE	MATERIAL	TYPE	MATERIAL	HEAD	JAMB	HARDWARE SET
101	DINING ROOM	EX	EX		EX		EX		EX
102a	SERVICE AREA	6'-0"x7'-6"	D2	ALUM	F2	ALUM	3/A2.2	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	НМ	F1	НМ	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	ΓV	ΓV		ΓV		ΓV		ΓV

DOOR ELEVATIONS



DOOR SCHEDULE NOTES:

HOLLOW METAL OR

INSULATED HM (IHM)

- a. REFER TO DOOR SCHEDULE FOR HARDWARE SETS
- b. PAINT INTERIOR DOORS AND FRAMES SHERWIN WILLIAMS HONORABLE BLUE (SW6811), LOW SHEEN

SLIDING ALUMINUM

c. 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.
- 2. 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. 3. 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 WAL, ON THE LATCH SIDE OF THE DOOR AND 60" A.F.F. AND NO MORE

GENERAL NOTES

ALL GLAZING FOR EXTERIOR DOOR OR WINDOW FRAMES SHALL BE INSULATED

THAN 8" FROM THE EDGE OF THE DOOR TO THE EDGE OF THE SIGN.

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

DOOR & FRAME FINISH LEGEND

AL = ALUM DOOR OR FRAME

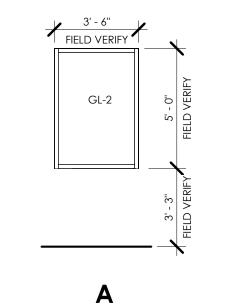
HM = HOLLOW METAL DOOR OR FRAME

F1 = PAINTED F2 = PREFINISHED; CLEAN & PROTECT

GLAZING SCHEDULE

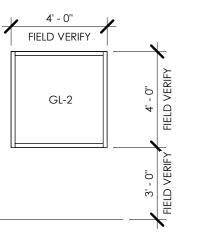
- GL-1 1" INSULATED SAFETY GLASS, CLEAR
- GL-2 1" INSULATED TEMPERED GLASS, CLEAR

WINDOW ELEVATIONS



ALUMINUM STOREFRONT

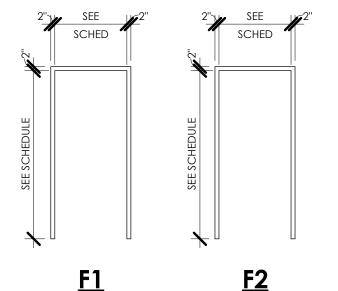
FIELD VERIFY ADJACENT WINDOW SIZE. DESIGN INTENT IS FOR THESE TO MATCH EXISTING WINDOWS ON THIS FACADE.



ALUMINUM STOREFRONT

FIELD VERIFY EXISTING WINDOW OPENING

FRAME ELEVATIONS



ALUMINUM FRAME

HARDWARE SETS:

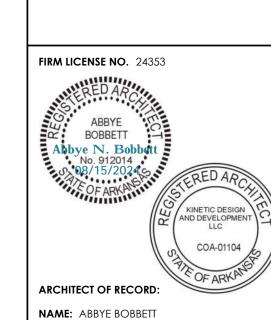
<u>SET #1:</u>

HOLLOW METAL

FRAME

 SCHLAGE PRIVACY LOCK
 "SATURN" LEVER HANDLE (BRUSHED ALUMINUM) 1 1/2 PAIR BUTT HINGES

- EDELMAN-LYON MANUAL DOOR GT 1175 SINGLE SLIDE DOOR
- KEYED LOCK ON SLIDING DOORS



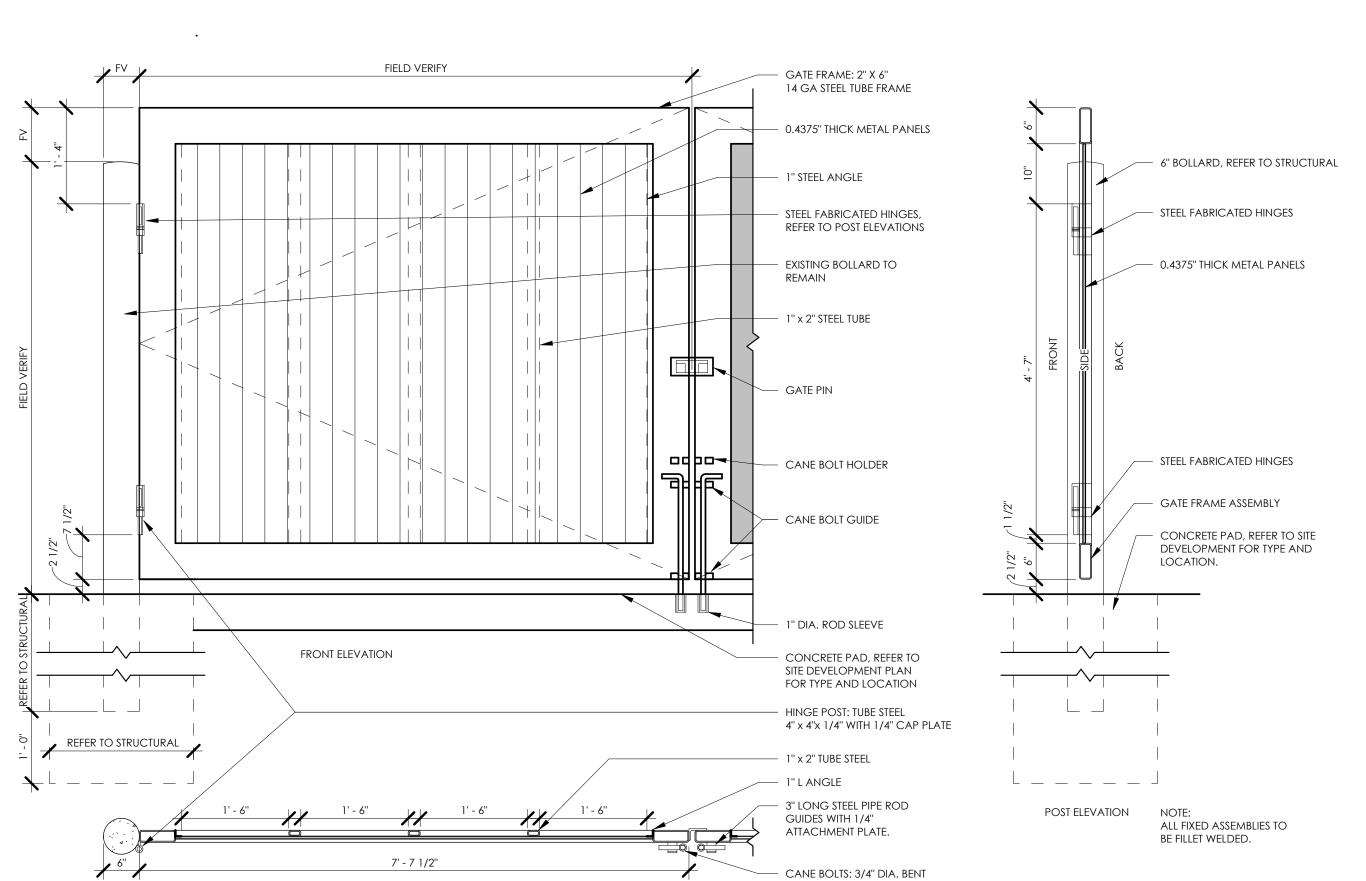
PROJECT NUMBER: 24198 7BBA2

REVISION:

LICENSE NO. 77051

BREW

DOORS AND WINDOWS

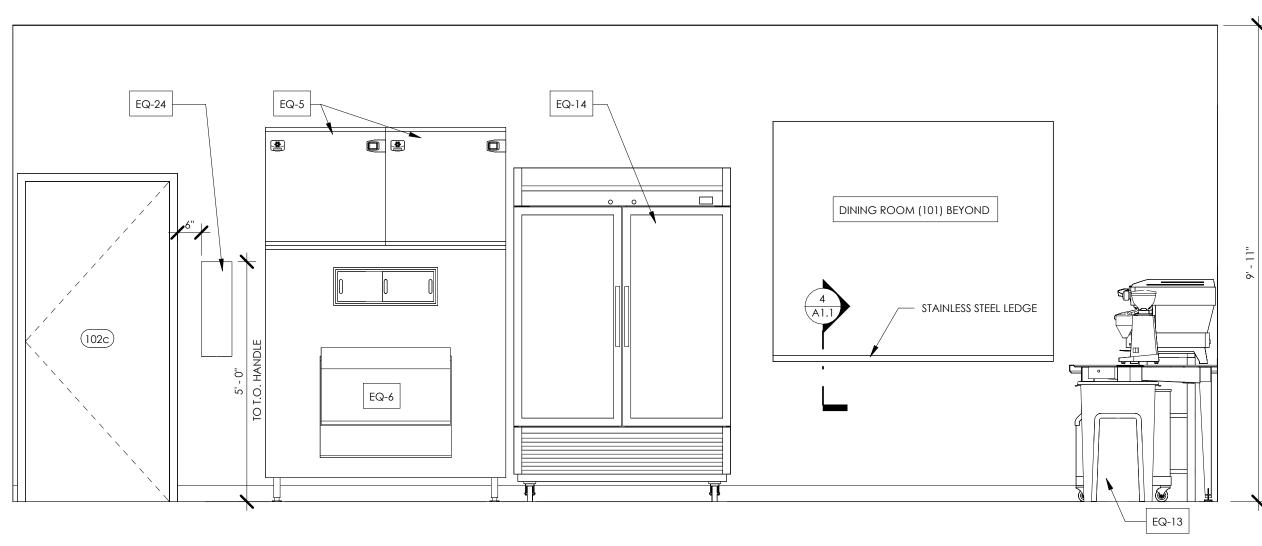


TRASH ENCLOSURE NOTES: EXISTING TRASH ENCLOSURE TO REMAIN. CLEAN, PATCH, AND REPAIR AS NEEDED.

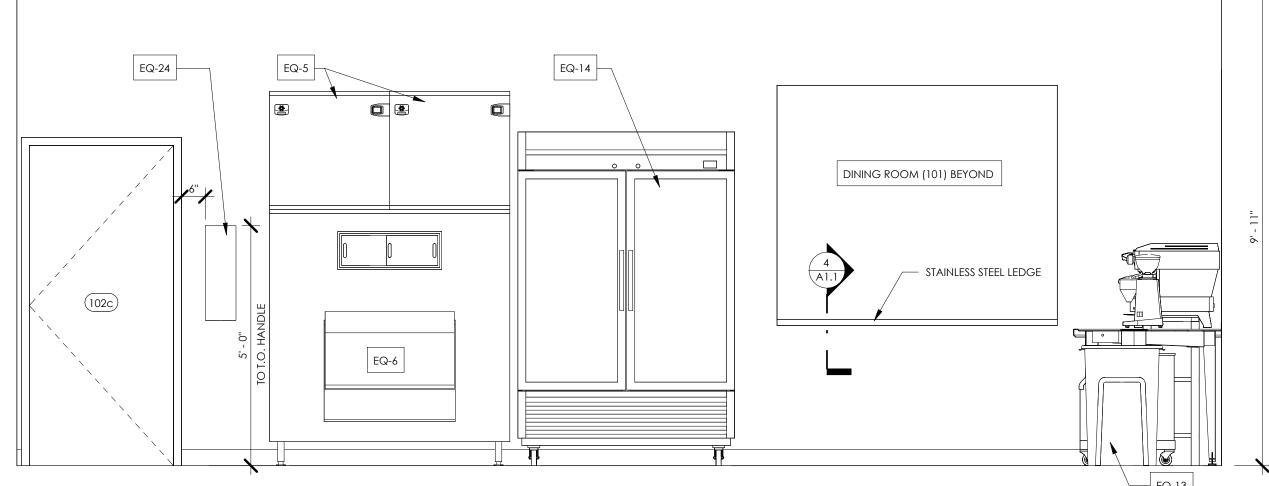
PAINT INTERIOR AND EXTERIOR OF ENCLOSURE SW 7067 CITYSCAPE.

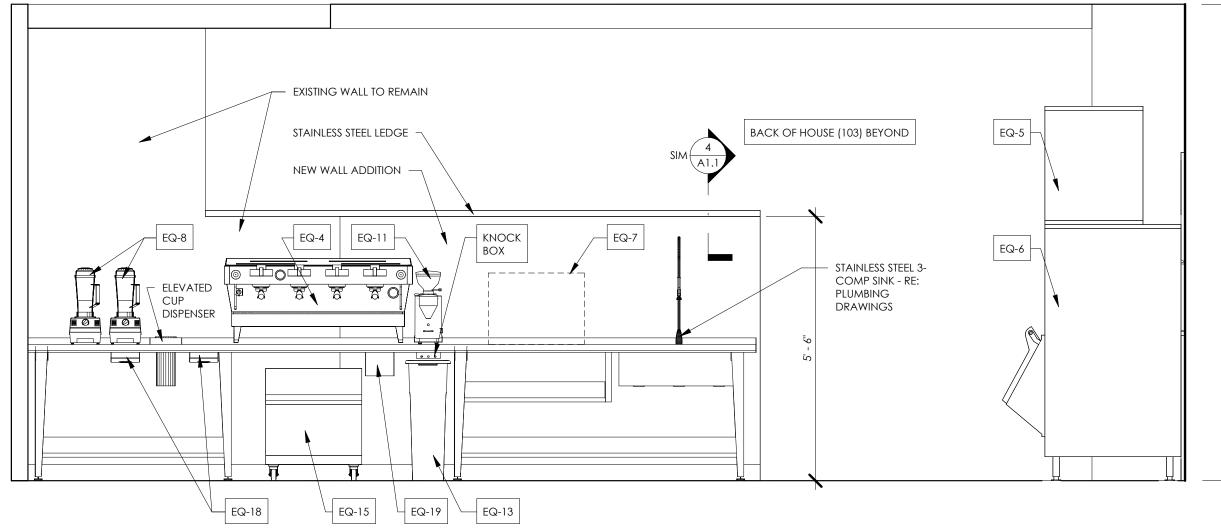
NEW GATE PROVIDED AND INSTALLED BY CMC. CLEAN, PATCH AND REPAIR EXISTING BOLLARDS. SW 6811 PAINT HONORABLE BLUE.

METAL DOORS AND FRAMES	SEMI GLOSS FINIS PRIMER: 1ST COAT: 2ND COAT:	SH PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER, B66-310 SERIES PRO INDUSTRIAL ACRYLIC SEMI-GLOSS, B66-650 SERIES PRO INDUSTRIAL ACRYLIC SEMI-GLOSS, B66-650 SERIES
STUCCO	SATIN FINISH PRIMER: 1ST COAT: 2ND COAT:	LOXON CONCRETE & MASONRY PRIMER SEALER, A24W8300 A-100 EXTERIOR LATEX SATIN, A82 SERIES A-100 EXTERIOR LATEX SATIN, A82 SERIES
CMU	SATIN FINISH PRIMER: 1ST COAT: 2ND COAT:	LOXON BLOCK SURFACER, A24W200 A-100 EXTERIOR LATEX SATIN, A82 SERIES A-100 EXTERIOR LATEX SATIN, A82 SERIES
BOLLARDS (CAST IRON)	GLOSS FINISH PRIMER: 1ST COAT: 2ND COAT:	PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER, B66-310 SERIES PRO INDUSTRIAL WATERBASED ACROLON 100 POLYURETHANE GLOSS, B65-720 SERIE PRO INDUSTRIAL WATERBASED ACROLON 100 POLYURETHANE GLOSS, B65-720 SERIE
INTERIOR GYPSUM	EG-SHEL FINISH PRIMER: 1ST COAT: 2ND COAT:	PROMAR 200 ZERO VOC LATEX PRIMER, B28W2600 PROMAR 200 ZERO VOC INTERIOR LATEX EG-SHEL, B26-2600 SERIES PROMAR 200 ZERO VOC INTERIOR LATEX EG-SHEL, B26-2600 SERIES



ROD 4" x 3-4" LONG







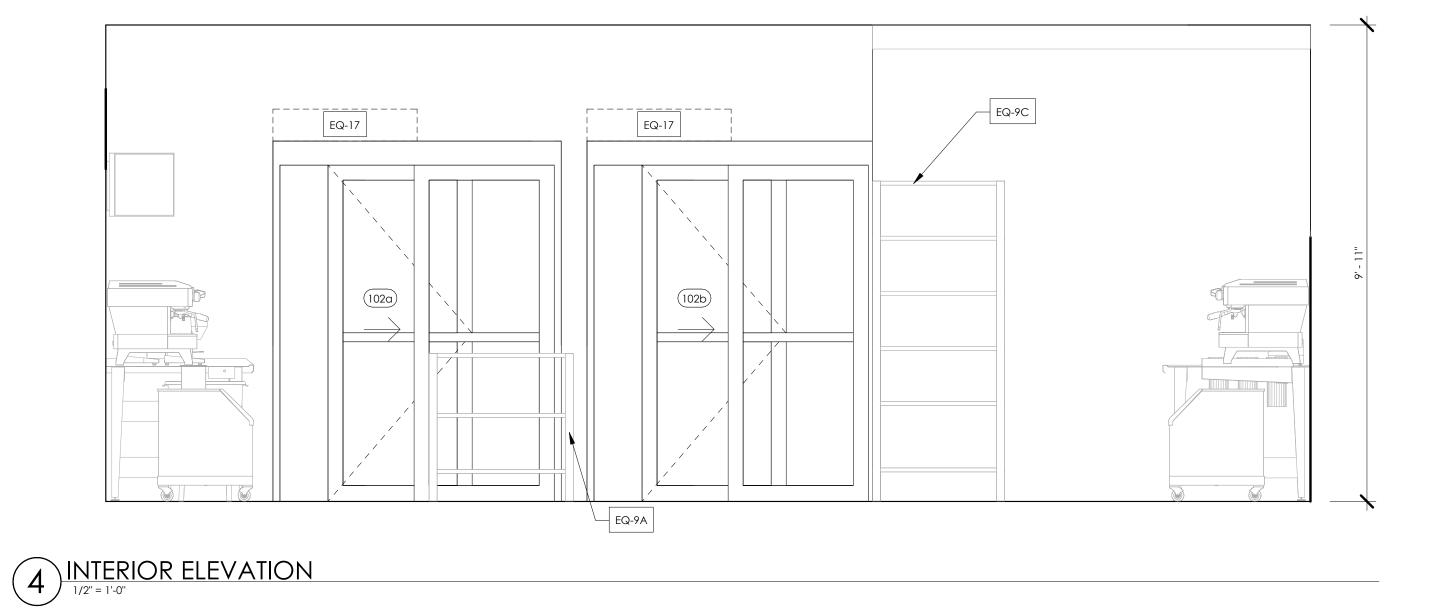
PLAN SECTION

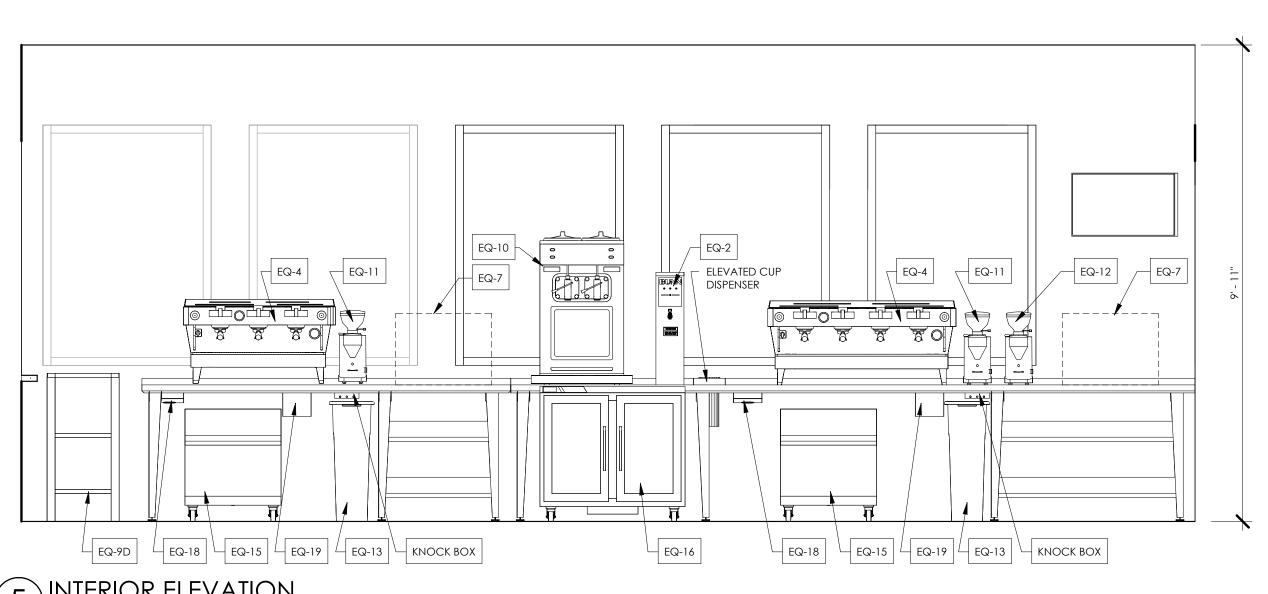
TRASH ENCLOSURE GATE DETAILS

3/4" = 1'-0"

3 INTERIOR ELEVATION

1/2" = 1'-0"





5 INTERIOR ELEVATION

1/2" = 1'-0"

A5.1

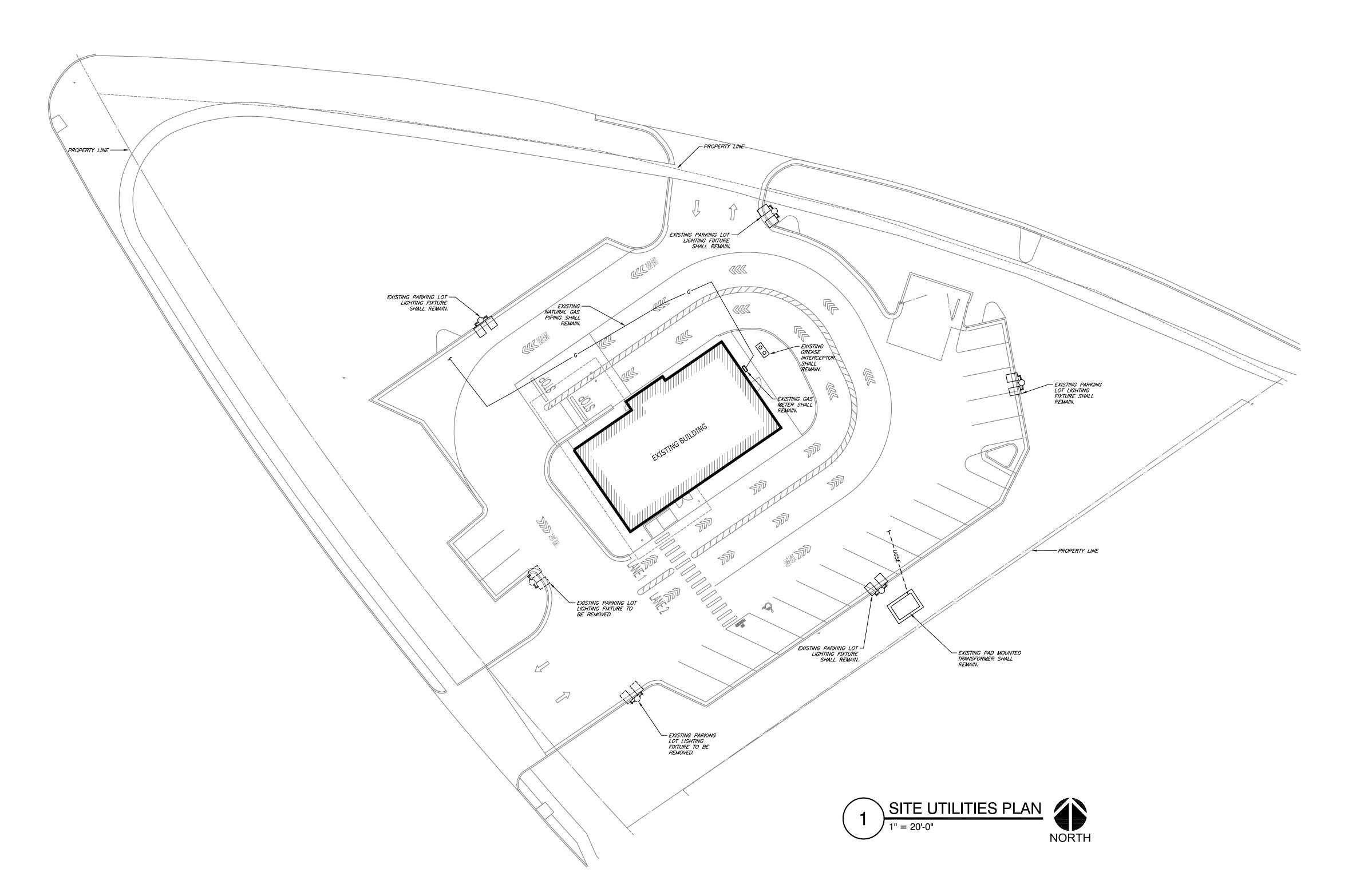
7 BREW COFFEE **BRYANT**,

FIRM LICENSE NO. 24353 ARCHITECT OF RECORD: NAME: ABBYE BOBBETT LICENSE NO. 77051

PROJECT NUMBER: 24198 7BBA2

REVISION:

INTERIOR ELEVATIONS



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.
- 2. REFER TO CIVIL AND PUBLIC IMPROVEMENT PLANS FOR LOCATION AND COORDINATION OF ALL EASEMENTS.
- 3. 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.
- 4. 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.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING TEMPORARY TELEPHONE, ELECTRICAL AND WATER SERVICES REQUIRED DURING CONSTRUCTION, AND SHALL PAY ALL ASSOCIATED COSTS.
- 6. 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.
- 7. ALL SITE ELECTRICAL INSTALLATIONS AND CONSTRUCTION SHALL BE PER THE MOST RECENT REVISIONS OF THE NATIONAL ELECTRIC SAFETY CODE (NESC) AND THE NATIONAL ELECTRIC CODE (NEC) STANDARDS AND SPECIFICATIONS.
- 8. COORDINATE ALL TRANSFORMER LOCATIONS WITH OTHER UTILITIES INDICATED ON CIVIL PLANS.
- 9. REFER TO CIVIL PLANS FOR ALL SITE SANITARY SEWER WORK.





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
	UNDERGROUND SECONDARY ELECTRIC
———— UGT ————	UNDERGROUND TELECOMMUNICATIONS
	UNDERGROUND CABLE TV

BRYANT, AR #2
2006 N REYNOLDS RD
BRYANT, AR 72022

Z CJ

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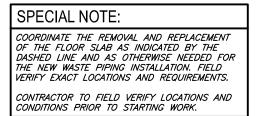
2225 West Chesterfield Boulevard, Suite 200, Springfield, MO 65807

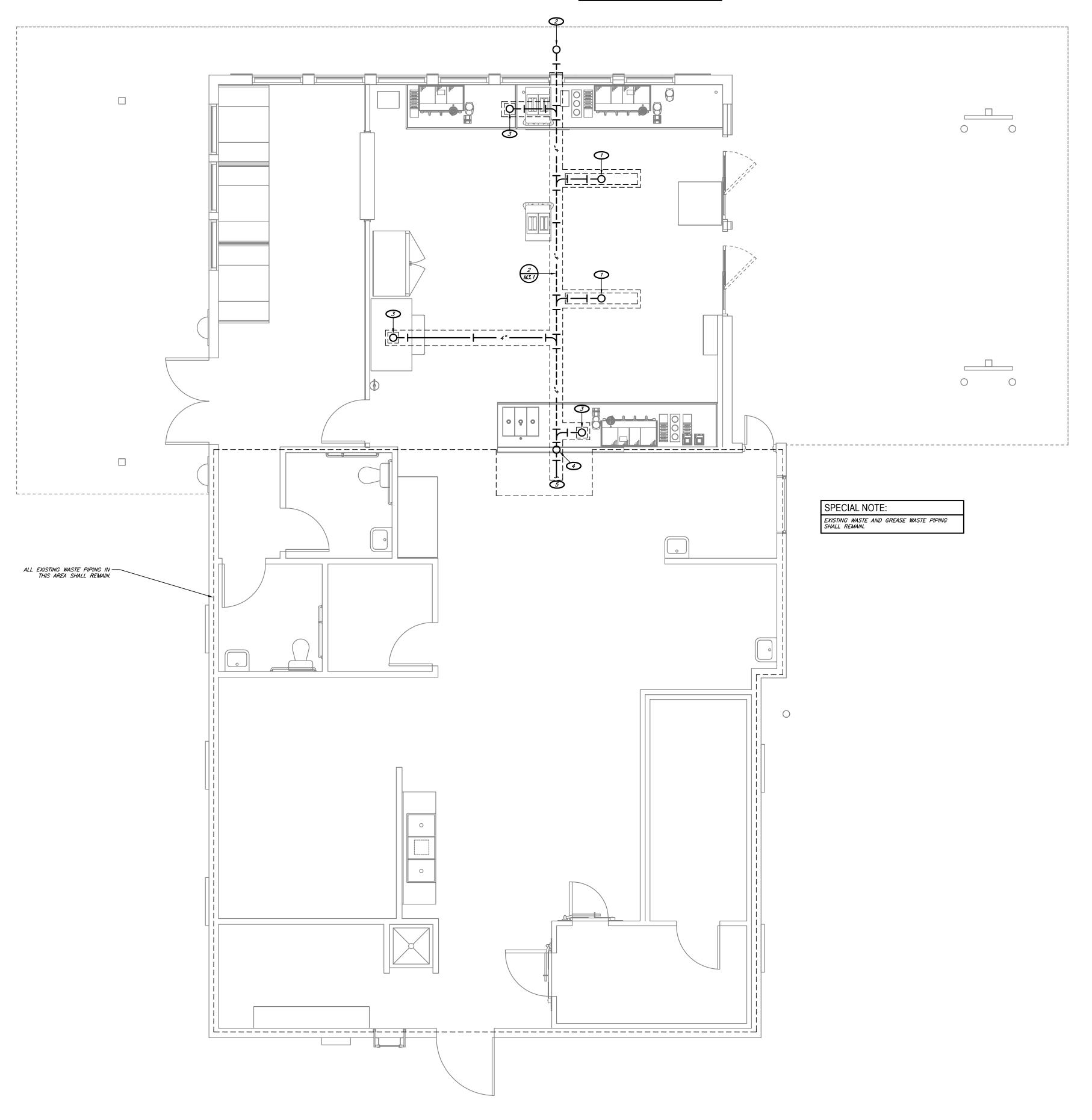
P: 417.877.1700 F: 417.324.7735 www.cjd-eng.com

Arkansas State Certificate of Authority #800094966

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SU1.1 SITE UTILITIES PLAN







KEYNOTES:

- 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.
- 3" VENT UP.
- 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:

BRYANT, AR #2

2006 N REYNOLDS RD BRYANT, AR 72022

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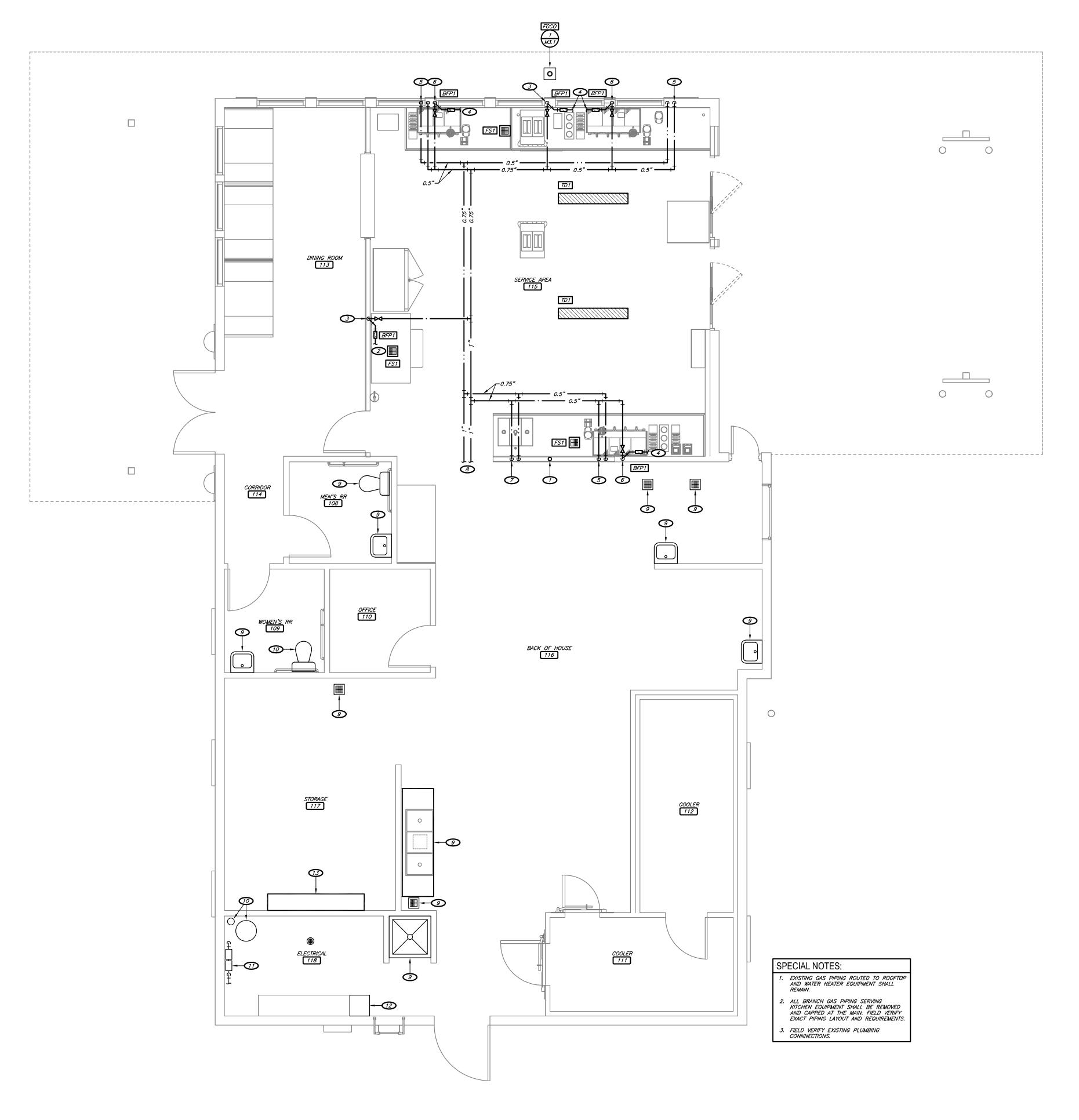
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UNDERSLAB
PLUMBING PLAN
DATE: AUGUST 15, 2024





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.
- 3 0.5" FILTERED WATER DOWN.
- CONNECT FILTERED WATER PIPING TO KITCHEN EQUIPMENT. PROVIDE BACKFLOW PREVENTER AS REQUIRED.
- 5 0.5" HOT AND FILTERED COLD WATER DOWN. CAP BELOW COUNTER FOR OWNER PROVIDED EQUIPMENT.
- 6 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.
- 8 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 FXTURE SHALL REMAIN.
- 10 EXISTING WATER HEATER AND THERMAL EXPANSION TANK SHALL REMAIN.
- 11) EXISTING BACKFLOW PREVENTER ASSEMBLY SHALL REMAIN.
 12) 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.





ENGINEER OF RECORD:

NAME: RYAN JONES

LICENSE NO. PE-16638

PROJECT NUMBER: 24045 7BBA

REVISION:

BRYANT, AR #2

EYNOLDS F AR 72022

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M1.2
PLUMBING PLAN





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





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

PROJECT NUMBER: 24045 7BBA REVISION:

AR

EYNOLDS F AR 72022

BRY

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M2.1 **HVAC PLAN**

		F	PIPING	MAT	ERIA	L SCHI	EDULE	Ξ					
			PIPI	NG			F	ITTINGS	MAXIMUM	WORKING	FIELD	TEST	
SYSTEM	SIZE	TYPE	SCHEDULE	GRADE	ASTM	MATERIAL	MATERIAL	TYPE	PRESSURE (PSI)	TEMP (DEG. F)	PRESSURE (PSI)	TIME (HOURS)	NOTES
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	Α	A53	CS/BLK	МІ	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	М	-	-	B88	COPPER	COPPER	DR/SJ	10 FT	40-70	10 FT	1	-

ABBREVIATIONS: CI - CAST IRON

CS - CARBON STEEL CW - CONTINUOUS WELD DI - DUCTILE IRON

DWV - DRAINAGE WASTE AND VENT - MALLEABLE IRON MJ - MECHANICAL JOINT

DR - DRAINAGE FITTING

- NO-HUB - 95-5 TIN-ANTIMONY SOLDER JOINT - STANDARD STRENGTH / SERVICE WEIGHT - SOLVENT WELD

			PLUMB	ING FIXTURE & EQUIPMENT SCHEDU	LE						
					PII	PING CONN	ECTION SIZE				
IARK	DESCRIPTION	MANUFACTURER	MODEL NUMBER	ACCESSORIES	COLD WATER	HOT WATER	WASTE	VENT	NOTES	EQUIVALENT MANUFACTURERS	
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-ES-G	HEAVY DUTY, ACID RESISTING EPOXY COATED, 3'-0" LENGTH TRENCH DRAIN	-	-	SEE PLAN	SEE PLAN	2	JAY R. SMITH, WADE	
gco	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	-	

ACCESSORIES SHALL BE SAME MANUFACTURER AS FIXTURE / EQUIPMENT UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.

INSTALL ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR ADA COMPLIANCE.

. FIELD COORDINATE/VERIFY FRAMING ROUGH-IN DIMENSIONS WITH ASSOCIATED CONTRACTOR BEFORE ORDERING. PROVIDE WALL CARRIER OR BRACKET AS RECOMMENDED BY MANUFACTURER FOR WALL MOUNTED INSTALLATION.

PROVIDED BY ONSITE CONTRACTOR.

	AIR DEVICE SCHEDULE												
IARK	MANUF	MODEL	DUCT CONNECTION SIZE	SERVICE	MODULE SIZE	FRAME	FINISH	DAMPER	MAX. NC	THROW (FT)	DELTA P (STATIC)	NOTES	
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": 500 CFM	RETURN	24x24	LAY-IN	WHITE	-	30	-	0.1"	1,3	

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

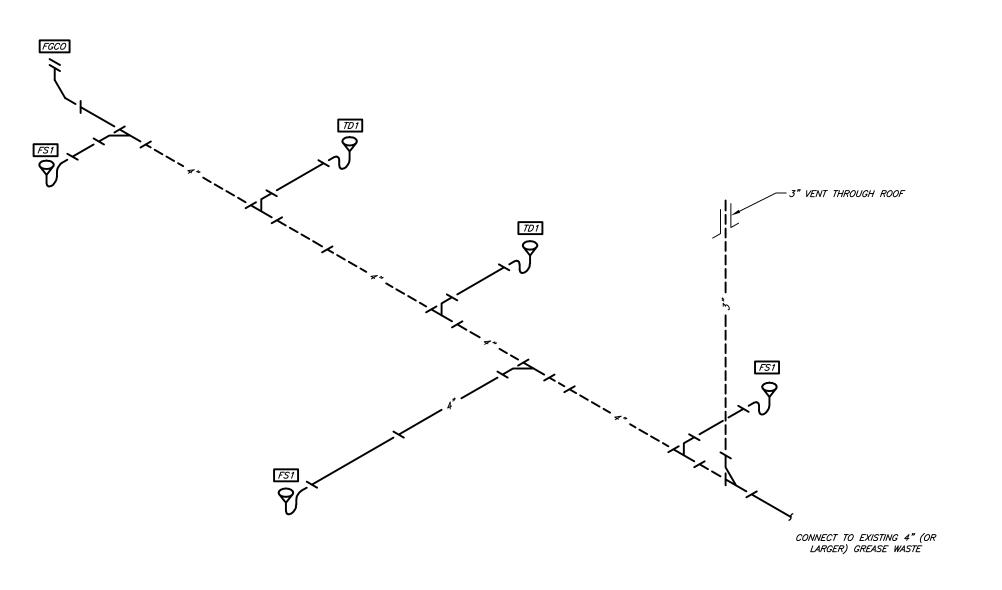
AIR CURTAIN SCHEDULE											
MARK	MANUFACTURER	MODEL#	MOUNTING	HEATING (KW)	AMCA LAB AIRFLOW (SCFM)	NOZZLE WIDTH	MAX. VELOCITY @ NOZZLE (FPM)	VOLTAGE/ PHASE	MCA	МОСР	NOTES
AC1	STRONGWAY	49947	WALL	-	816	36"	3,937	120/1	2.9	15	1 THRU 8
AC2	STRONGWAY	49947	WALL	-	816	36"	3,937	120/1	2.9	15	1 THRU 8
AC3	STRONGWAY	49947	WALL	_	816	36"	3,937	120/1	2.9	15	1 THRU 8

PROVIDE FACTORY INSTALLED DISCONNECT. FACTORY INSTALLED UNIT MOUNTED CONTROLS WITH TWO SPEED CONTROL.

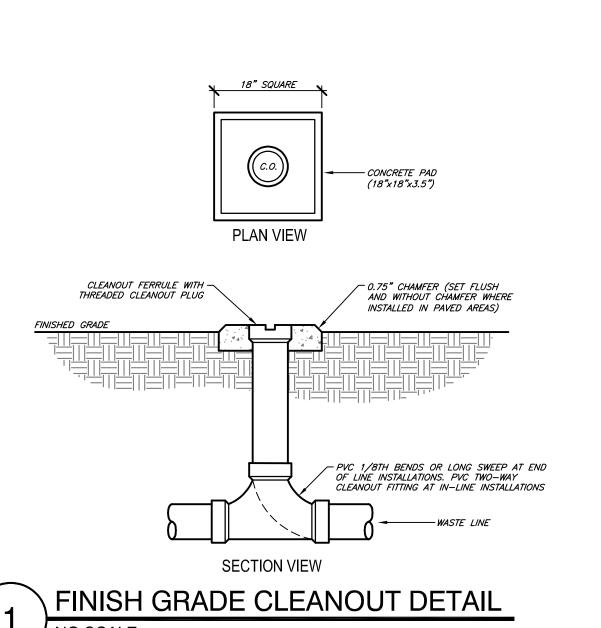
MAGNETIC DOOR LIMIT SWITCH.

UNIT SHALL BE RATED FOR OUTDOOR CONDITIONS

FIELD COORDINATE EXACT MOUNTING REQUIREMENTS AND PROVIDE ALL REQUIRED ACCESSORIES COORDINATE FINISH WITH OWNER.







PLUMBING SYMBOLS:

GREASE WASTE PIPING BELOW SLAB SANITARY WASTE PIPING BELOW SLAB ---- SANITARY COMBINATION WASTE AND VENT PIPING DOMESTIC COLD WATER PIPING

DOMESTIC FILTERED COLD WATER PIPING DOMESTIC HOT WATER PIPING ----- PLUMBING VENT PIPING — D——— CONDENSATE DRAIN PIPING → SHUT-OFF VALVE

────────────────── UNION

────|S| G| TEE / ELBOW DOWN WITH VALVE IN VERTICAL PIPE FPH1 HB1 FREEZEPROOF WALL HYDRANT / HOSE BIBB BACKFLOW PREVENTER FLOOR DRAIN / FLOOR SINK

FINISH GRADE CLEANOUT

FINISH FLOOR CLEANOUT

₩ FD1 O FGCO

HVAC SYMBOLS:

FLEXIBLE DUCTWORK CEILING RETURN/EXHAUST GRILLE CEILING SUPPLY DIFFUSER TEMPERATURE SENSOR 14x18 DUCTWORK (WIDTH/HEIGHT) WITH DAMPER FLEXIBLE CONNECTION

RECTANGULAR TO ROUND TAKE-OFF

DIFFUSER TYPE AND CFM

GENERAL MECHANICAL NOTES:

<u>GENERAL</u>

GENERAL MECHANICAL NOTES APPLY TO ALL MECHANICAL 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'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 MISC. 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.

CONTRACTORS AND SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING, PLUMBING, FUEL 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

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.

COOPERATE 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 AS APPROVED MANUFACTURERS. THE CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST FOR REVIEW AND APPROVAL OF PROPOSED SUBSTITUTIONS TO CUD 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

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.

5. 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 SYSTEM TESTING AND BALANCING IN ACCORDANCE WITH AABC OR NEBB NATIONAL

THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY HIM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL

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

GENERAL MECHANICAL NOTES (CONT'D):

ALL SHUTOFF VALVES ON DOMESTIC WATER SHALL BE BRONZE FULL-PORT BALL VALVE

P. P-TRAPS SHALL INCLUDE INTEGRAL CLEANOUT. DUCT CONSTRUCTION:

ALL DUCTWORK SHALL BE FABRICATED OF G90 GALVANIZED STEEL AND INSTALLED IN ACCORDANCE WITH THE SMACNA HVAC 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

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: CALVANIZED SHEET METAL. LINE SUPPLY, RETURN, OUTDOOR AIR AND MAKE—UP AIR

FLEXIBLE DUCTWORK: FLEXMASTER USA TYPE 8B, UL 181 CLASS 1 RATED PRE-INSULATED ACOUSTICAL FLEX DUCT WITH MECHANICAL LOCK HELIX 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

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

DUCT INSULATION:

DUCTWORK WITH SPECIFIED INSULATION.

RECTANGULAR DUCT (LOCATED WITHIN CONDITIONED SPACE): 1.0" THICK, 2.0 LB. DENSITY DUCT LINER. MINIMUM R-VALUE OF 6.0, OR WRAP WITH 2", 1.0 LB DENSITY FIBERGLASS DUCT WRAP WITH FOIL—SCRIM—KRAFT FACING. MINIMUM R-VALUE OF 6.0. ROUND DUCT: WRAP WITH 2", 1.0 LB DENSITY FIBERGLASS DUCT WRAP WITH FOIL—SCRIM—KRAFT FACING. MINIMUM R—VALUE OF 6.0. ROUND TAKE-OFF FITTINGS FROM RECTANGULAR DUCTWORK SHALL BE MADE WITH BUCKLEY AIR PRODUCTS MODEL 3300 AND 3300D RECTANGULAR TO ROUND BOOT FITTINGS FITTINGS WITH INTEGRAL VOLUME DAMPERS AND INSULATION STAND—OFFS

WHERE INDICATED. EQUIVALENT BY AIR-TITE AND CROWN PROVIDE AERO-DYNE OR EQUIVALENT DOUBLE WALL TURNING VANES IN ALL RECTANGULAR ELBOWS. BRANCH DUCTS SHALL BE THE SAME SIZE AS DIFFUSER NECK UNLESS NOTED

EQUIVALENT WATER HEATERS BY A.O. SMITH, BRADFORD WHITE, LOCHINVAR, RHEEM, STATE. OR OTHERS WITH PRIOR APPROVAL. EQUIVALENT GRILLES, DIFFUSERS AND REGISTERS BY CARNES, KRUEGER, NAILOR, PRICE, TITUS, HART & COOLEY, TUTTLE & BAILEY, OR OTHERS WITH PRIOR APPROVAL.

EQUIVALENT EXHAUST FANS BY ACME, COOK, GREENHECK, PENN, OR OTHERS WITH . EQUIVALENT FURNACES, EVAPORATOR COILS AND CONDENSING UNITS BY CARRIER, TRANE AND YORK, AND SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER.

PROVIDE ALL ACCESSORIES, COMPONENTS, ETC. REQUIRED FOR COMPLETE INSTALLATION

OF SPECIFIED EQUIPMENT PROVIDE UNISTRUTS AND ACCESSORIES AS REQUIRED FOR SUPPORT OF PIPING,

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

INSULATE ALL DOMESTIC WATER WITH 1/2" THICK ARMACELL AP/ARMAFLEX FLEXIBLE ELASTOMERIC THERMAL PIPE INSULATION. EQUIVALENT BY RUBATEX. THE USE OF TUBOLIT OR EQUIVALENT CLOSED CELL POLYETHYLENE FOAM INSULATION IS STRICTLY PROHIBITED. INSULATE ALL REFRIGERANT PIPING WITH 1.5" THICK ARMACELL AP/ARMAFLEX FLEXIBLE FLASTOMERIC THERMAL PIPE INSULATION FOLUVALENT BY RUBATEX THE USE OF TUBOLIT OR EQUIVALENT CLOSED CELL POLYETHYLENE FOAM INSULATION IS STRICTLY

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 PEA GRAVEL, WITH 6" PEA 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 BASIN.

SEAL ALL DUCTWORK IN ACCORDANCE WITH THE LATEST SMACNA METAL 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 SMACNA 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

PROVIDE FLEXIBLE CONNECTION AND TRANSITION TO UNIT OPENING SIZES FOR ALL HVAC

INSTALL ALL ROOF EQUIPMENT, PIPE, CONDUIT AND DUCTWORK SUPPORTS, CURBS AND PENETRATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ROOFING SYSTEM

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, ACRYLIC CLAD THERMOPLASTIC COVER, FASTENING SCREWS, AND GRADUATED STEP BOOTS WITH STAINLESS STEEL CLAMPS AS MANUFACTURED BY PATE, 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 PREMANUFACTURERED PIPING SUPPORTS EQUIVALENT TO B-LINE C-SERIES. FIELD FABRICATED SUPPORTS CONSISTING OF LUMBER, ETC. ARE NOT

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 OF ASSEMBLY. REFER 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.

O. 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 ROUGH—IN BOXES INSTALLED IN RATED WALL AND CEILING CONSTRUCTION. FIRE CAULK AND PUTTY PADS SHALL BE MANUFACTURED BY 3M OR HILTI, AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S

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 WADE.





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

PROJECT NUMBER: 24045 7BBA REVISION:

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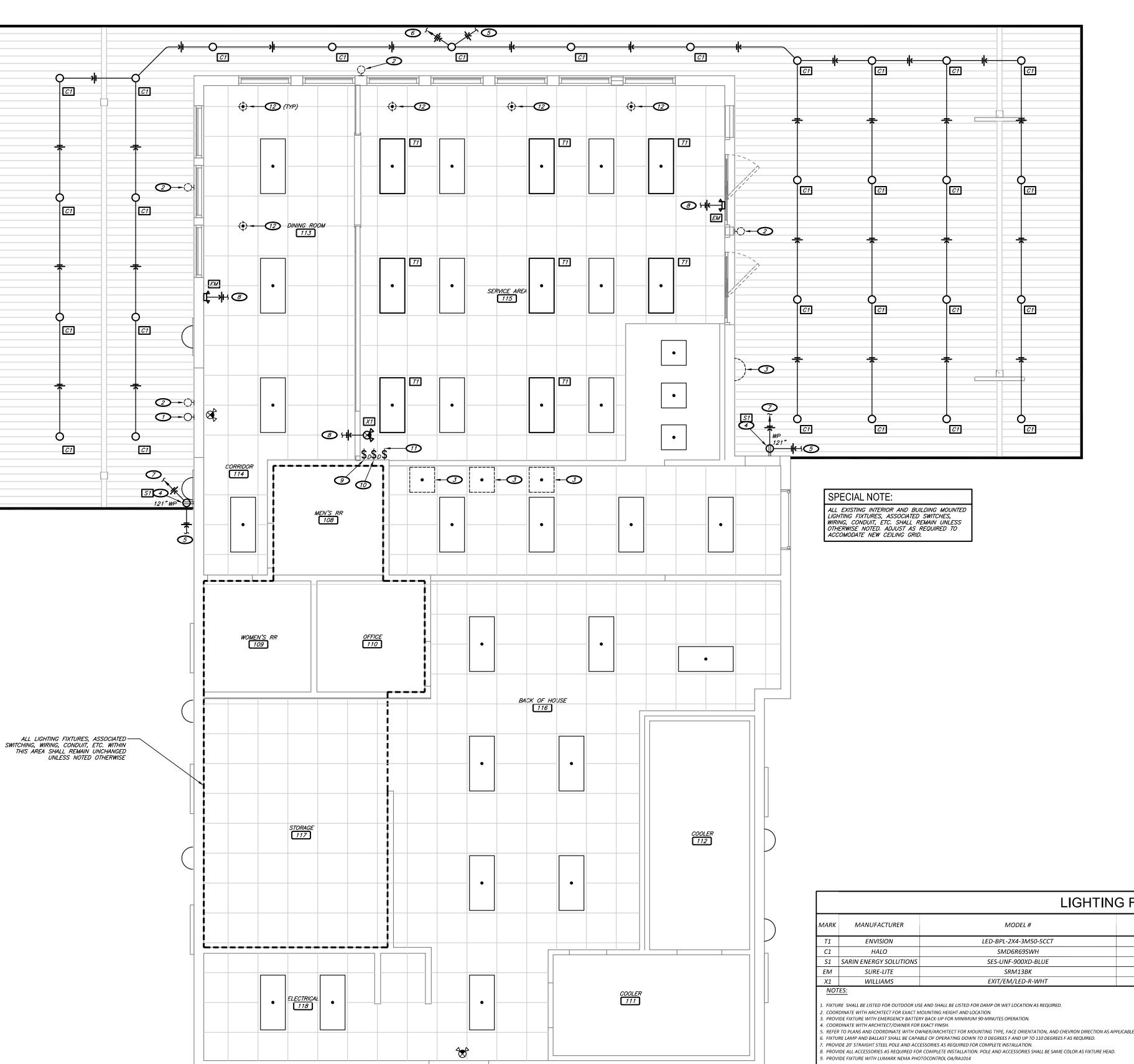
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SCHEDULES AND DETAILS DATE: AUGUST 15, 2024

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KEYN	OTES:	GENERAL ELECTRICAL NOTES:							
	EMERGENCY LIGHT ABOVE DOOR SHALL REMAIN.		NERAL						
	XISTING WALL MOUNTED GOOSENECK LIGHTING FIXTURE, ASSOCIATED WIRING, AND ABOVE NEW CANOPY WILL BE INSTALLED. FIELD VERIFY EXACT REQUIREMENTS.	1.	GENERAL ELECTRICAL NOTES APPLY TO ALL ELECTRICAL SHEETS. CJD ENGINEERING LLC, BEING THE AUTHOR OF THESE CONSTRUCTION DOCUMENTS						
VERIFY EX PROVIDE	CXISTING LIGHTING FIXTURE, ASSOCIATED CONDUIT, AND CONDUCTORS. FIELD ACT LOCATION AND REQUIREMENTS. RECEPTACLE FOR POWER CONNECTION TO BUILDING LED TAPE LIGHT. REFER TO	2.	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.						
CONNECT 5 CIRCUIT TO 6 CIRCUIT TO	TURAL ELEVATIONS FOR EXACT LOCATION AND LINEAR FOOTAGE OF FIXTURE. POWER TO LED STRIPS PER MANUFACTURE'S INSTRUCTION. CORRESPONDING LIGHT SWITCH IN SERVICE 115. NEW OR EXISTING SPARE 20—AMP BREAKER IN EXISTING PANELBOARD. FIELD	3.	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 CONTRACTORS SUPPLIERS TO INCLUDE ALL ACCESSORIES, COMPONENTS, PARTS, ETC. THAT MAY NOT BE INDICATED ON THESE CONSTRUCTION DOCUMENTS TO PROVIDE BUILDING CODE COMPLIANT SYSTEMS AND						
7 CIRCUIT T	ACT LOCATION AND REQUIREMENTS. O NEW 20 AMP BREAKER IN EXISTING PANELBOARD. FIELD VERIFY EXACT AND REQUIREMENTS. CIRCUIT TO INCLUDE BOTH CANOPY TAPE LIGHTING LES.	4.	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						
	O NEAREST LIGHTING CIRCUIT IN THIS AREA. FIELD VERIFY EXACT LOCATION AND ENTS. MODIFY/EXTEND WIRING AS REQUIRED.	<i>5</i> .	JURISDICTION. THE CONTRACTOR SHALL INCLUDE ALL PERMIT AND INSPECTION FEES IN BID.						
9 CIRCUIT D	IMMER LIGHT SWITCH TO CANOPY TAPE LIGHTING CIRCUIT.	6.	THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.						
11) CIRCUIT L	IMMER LIGHT SWITCH TO CANOPY CAN LIGHTING CIRCUIT. IGHT SWITCH TO BUILDING SIGNAGE LIGHTING CIRCUIT. EXISTING PENDANT LIGHT FIXTURE, ASSOCIATED CONDUIT AND CONDUCTORS. FIELD	7.	PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO CIVIL, STRUCTURAL AND ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR DIMENSIONS. FIELD VERIFY ALL DIMENSIONS.						
	ANTITY, REQUIREMENTS, AND LOCATIONS.	<i>8</i> .	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.						
		9.	COOPERATE 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.						
		10.	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.						
		11.	DRAWINGS REPRESENT FINAL RESULT. REMOVE, RELOCATE, MODIFY EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. AS REQUIRED. FIELD VERIFY EXISTING CONDITIONS AND EXACT REQUIREMENTS.						
		12.	COORDINATE INFORMATION OUTLET, RECEPTACLE, AND OTHER DEVICE LOCATIONS WITH OWNER AND WITH MILLWORK AND WITH OTHER TRADES PRIOR TO ROUGH—IN.						
ELEC	TRICAL SYMBOLS:	13.	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.						
Φ	SIMPLEX RECEPTACLE; 2P, 3W, 20A, 125V	14.	THE CONTRACTOR SHALL PROVIDE ELECTRONIC SHOP DRAWINGS/SUBMITTALS OF ALL FIXTURES AND EQUIPMENT FURNISHED UNDER THIS CONTRACT.						
-⊖ ₁₄₋₃₀ -⊕	SIMPLEX RECEPTACLE; NEMA CONFIGURATION AS INDICATED DUPLEX RECEPTACLE; 2P, 3W, 20A, 125V	<i>15</i> .	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						
-0 42"	DUPLEX RECEPTACLE; MOUNTED @ 42" ABOVE FINISHED FLOOR		REQUEST FOR REVIEW AND APPROVAL OF PROPOSED SUBSTITUTIONS TO CJD 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						
=⊕ AC	DUPLEX RECEPTACLE; MOUNTED 6" ABOVE COUNTERTOP BACKSPLASH		PURPOSES OF BIDDING ONLY AND DOES NOT RELIEVE THE PROPOSED SUBSTITUTION FROM SUBMITTAL/SHOP DRAWING REVIEW AND DOES NOT CONSTITUTE PRIOR APPROVAL						
= ⊕ <i>GF</i> = ⊕ <i>WP</i>	DUPLEX RECEPTACLE W/ GROUND FAULT INTERRUPTER DUPLEX RECPTACLE; WEATHERPROOF	<i>16</i> .	OF PROPOSED SUBSTITUTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF LARGER WIRING, CONDUIT,						
→	DOUBLE DUPLEX RECEPTACLE WITH COMMON FACEPLATE		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.						
4	TELECOMMUNICATIONS OUTLET: ROUGH—IN JUNCTION BOX OR PLASTER RING ONLY. MAY BE USED FOR VOICE, DATA, FAX, MODEM, OR ANY COMBINATION THEREOF. CABLE, COVER PLATE & JACKS PROVIDED BY OTHERS.	<i>17.</i>	THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY HIM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.						
	CABLE TV OUTLET: ROUGH-IN JUNCTION BOX OR PLASTER RING ONLY. CABLE, COVER PLATE & JACKS PROVIDED BY OTHERS.	<i>18</i> .	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COSTS TO CUT, PATCH AND REPAIR EXISTING WALL, FLOOR AND CEILING CONSTRUCTION AS REQUIRED TO INSTALL NEW FIXTURES, CONDUIT, WIRING, ETC. ARE INCLUDED IN THE BID PRICE.						
⊗ ₩	EXIT LIGHT; WALL MOUNTED / CEILING MOUNTED EMERGENCY LIGHT		ODUCTS LIGHT SWITCHES SHALL BE EQUIVALENT TO HUBBELL 1220 SERIES, 20-AMP,						
♦	EXIT/EMERGENCY LIGHT		120/277-VOLT, IN COLOR SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.						
· <i>N</i> L	LED LIGHT FIXTURE NIGHT LIGHT FIXTURE	<i>2</i> .	DUPLEX RECEPTACLES SHALL BE EQUIVALENT TO HUBBELL 5300 SERIES, 20A, 125V, NEMA CONFIGURATION 5—20R, IN COLOR SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.						
\$	LIGHT SWITCH	<i>3</i> .	ALL RECEPTACLES THROUGHOUT SHALL BE TAMPER—RESISTANT TYPE, TO COMPLY WITH N.E.C.						
\$ <i>₃</i>	3-WAY LIGHT SWITCH	4.	ELECTRICAL DEVICE WALL PLATES SHALL BE HIGH IMPACT NYLON PLASTIC IN COLOR AS SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.						
\$⊅ \$ <i>os</i>	DIMMER LIGHT SWITCH OCCUPANCY SENSOR LIGHT SWITCH	5.	FEEDER AND BRANCH CIRCUIT WIRING SHALL BE COPPER, 600V WITH THHN/THWN						
O 05	CEILING MOUNTED OCCUPANCY SENSOR		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.						
	JUNCTION BOX LIGHTING & POWER PANELBOARD	6.	EQUIVALENT WIRING DEVICES BY BRYANT, COOPER, HUBBELL, LEVITON, OR AS APPROVED BY OWNER.						
	CONDUIT CONCEALED IN CEILING OR WALL	7.	EQUIVALENT PANELBOARDS, LIGHTING CONTACTORS AND DISCONNECT SWITCHES BY CUTLER HAMMER, GENERAL ELECTRIC, SIEMENS, SQUARE D, OR AS APPROVED BY OWNER.						
	CONDUIT BELOW GRADE	<u>EXE</u>	THAMMER, GENERAL ELECTRIC, SIEMENS, SQUARE D, OK AS APPROVED BY OWNER. <u>ECUTION</u>						
	HOME RUN: TICK MARKS INDICATE NUMBER OF WIRES, ARROWS INDICATE NUMBER OF CIRCUITS	1.	PROVIDE ALL ACCESSORIES, COMPONENTS, ETC. REQUIRED FOR COMPLETE INSTALLATION OF SPECIFIED EQUIPMENT.						
	GROUND WIRE FEEDER PER SCHEDULE	<i>2</i> .	PROVIDE UNISTRUTS AND ACCESSORIES AS REQUIRED FOR SUPPORT OF PIPING, EQUIPMENT, ETC.						
- <u>-</u>	DISCONNECT SWITCH	<i>3</i> .							
F ⁰⁰	DUCT MOUNTED SMOKE DETECTOR	<i>4</i> .	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						
		<i>5</i> .	CONCEALED BRANCH CIRCUIT WIRING. MINIMUM CONDUIT SIZE FOR INFORMATION OUTLETS SHALL BE 3/4". CONDUIT STUBS SHALL BE TERMINATED WITH INSULATING BUSHINGS.						
		<i>6</i> .	ALL LIGHTING AND POWER CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR.						
		7.	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.						
		<i>8.</i> <i>9</i> .	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 PREMANUFACTURERED PIPING SUPPORT EQUIVALENT TO B—LINE C—SERIES. FIELD FABRICATED SUPPORTS CONSISTING OF LUMBER, ETC. ARE NOT ACCEPTABLE.						
		11.	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. ACRYLIC CLAD THERMOPLASTIC COVER.						

	LIGH ⁻	TING FIXTU	RE SCHI	EDUL	.E						
MANUFACTURER	MODEL #	FINICI	MOUNTING		LAMPS	FIXTURE		VOLTAGE	APPROVED	NOTES	
MANUFACTURER		FINISH		TYPE	CODE	QTY.	WATTS	VOLTAGE	MANUFACTURERS		
ENVISION	LED-BPL-2X4-3M50-5CCT	WHITE	SURFACE	LED	WITH FIXTURE	-	50	120	SUBMIT	-	
HALO	SMD6R69SWH	WHITE	SURFACE	LED	WITH FIXTURE	-	10	UNV	SUBMIT	1,2,4,6	
SARIN ENERGY SOLUTIONS	SES-UNF-900XD-BLUE	WHITE	SURFACE	LED	WITH FIXTURE	-	3/FT	UNV	SUBMIT	1,2,6	
SURE-LITE	SRM13BK	WHITE	SURFACE	LED	WITH FIXTURE	-	10	UNV	SUBMIT	3	
WILLIAMS	EXIT/EM/LED-R-WHT	WHITE	SURFACE	LED	WITH FIXTURE	-	10	120	SUBMIT	3	
ES:					ABBREVIATIONS:						
DE CHALL DE LICTED FOR OUTDOOR LICE AND CHALL DE LICTED FOR DAMP OR WET LOCATION AS REQUIRED					OSFCI - OWNER FURNISHED, CONTRACTOR INSTALLED						

TBD - TO BE DETERMINED

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, ACRYLIC CLAD THERMOPLASTIC COVER, FASTENING SCREWS, AND GRADUATED STEP BOOTS WITH STAINLESS STEEL CLAMPS AS MANUFACTURED BY PATE, THYBAR OR APPROVED EQUIVALENT, PROPERTY OF PROPERTY OF THE 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

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. 14. CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO SPECIAL EQUIPMENT. PROVIDE ADAPTERS, FITTINGS, ETC. FOR ALL EQUIPMENT AS REQUIRED. COORDINATE SPECIFIC REQUIREMENTS WITH EQUIPMENT SUPPLIERS. REFER TO SPECIAL EQUIPMENT DRAWINGS

15. 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

FOR ADDITIONAL INFORMATION.





ENGINEER OF RECORD: NAME: RYAN JONES

LICENSE NO. PE-16638

PROJECT NUMBER: 24045 7BBA REVISION:

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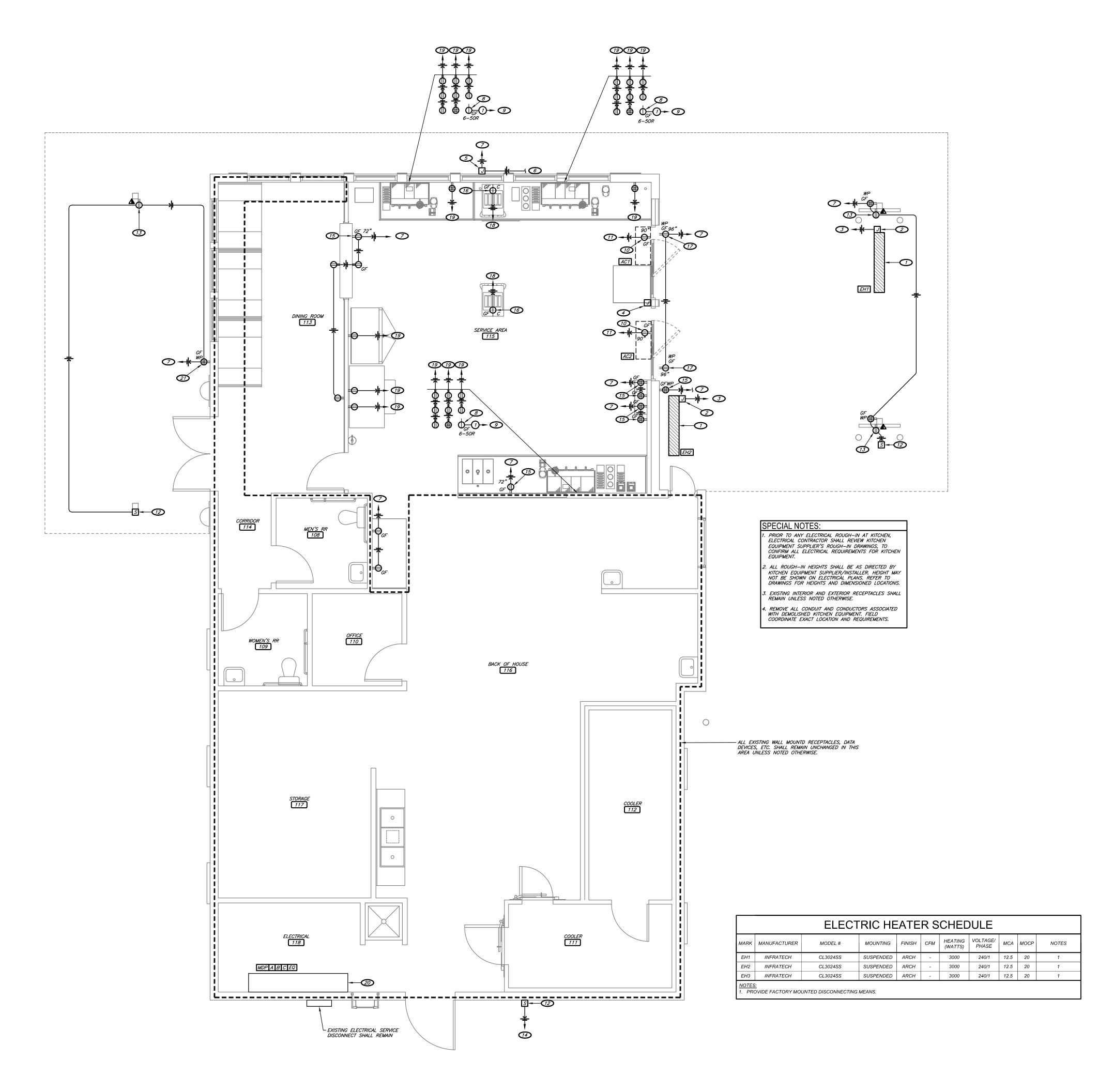
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KEYNOTES:

- 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. PROVIDE JUNCTION BOX FOR OUTDOOR HEATER CONTROLS 6" ABOVE SLIDING GLASS DOOR. COORDINATE ROUGH-IN AND WIRING REQUIREMENTS WITH OWNER.
- PROVIDE WEATHER PROOF JUNCTION BOX AND TOGGLE SWITCH LOCATED ON SIGN IN CONCEALED LOCATION FOR EXTERIOR SIGNAGE PER NEC. 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/E1.1 FOR LOCATIONS OF LIGHT SWITCHES.
- CIRCUIT TO NEW OR UNUSED EXISTING 20-AMP BREAKER IN EXISTING PANELBOARD. 8 RECEPTACLE FOR ESPRESSO MACHINE. PROVIDE CORD AND PLUG CONNECTION.
- CIRCUIT TO NEW OR UNUSED EXISTING 50-AMP, 2-POLE GFCI BREAKER IN EXISTING PANELBOARD.
- 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.
- 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.
- 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.
- 77 RECEPTACLE FOR EXTERIOR FAN. COORDINATE INSTALLATION HEIGHT AND LOCATION WITH
- 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. EXISTING 800-AMP, 120/208-VOLT, 3PHASE ELECTRICAL EQUIPMENT AND PANELBOARDS SHALL REMAIN.
- 21) COORDINATE RECEPTACLE LOCATION WITH OWNER.





ENGINEER OF RECORD: NAME: RYAN JONES

LICENSE NO. PE-16638

CONDUIT & CONDUCTOR SCHEDULE:

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

PROJECT NUMBER: 24045 7BBA

REVISION:

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E2.1 POWER PLAN