

SCRUGGS STATIONS WAREHOUSE COMPLEX, PORITE ROOF ELECTRICAL & HVAC REPAIRS, FAIRGROUNDS WAREHOUSE JEFFERSON CITY, MO

OWNER: STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR
DEPARTMENT OF
ADMINISTRATION

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION



DESIGNER:

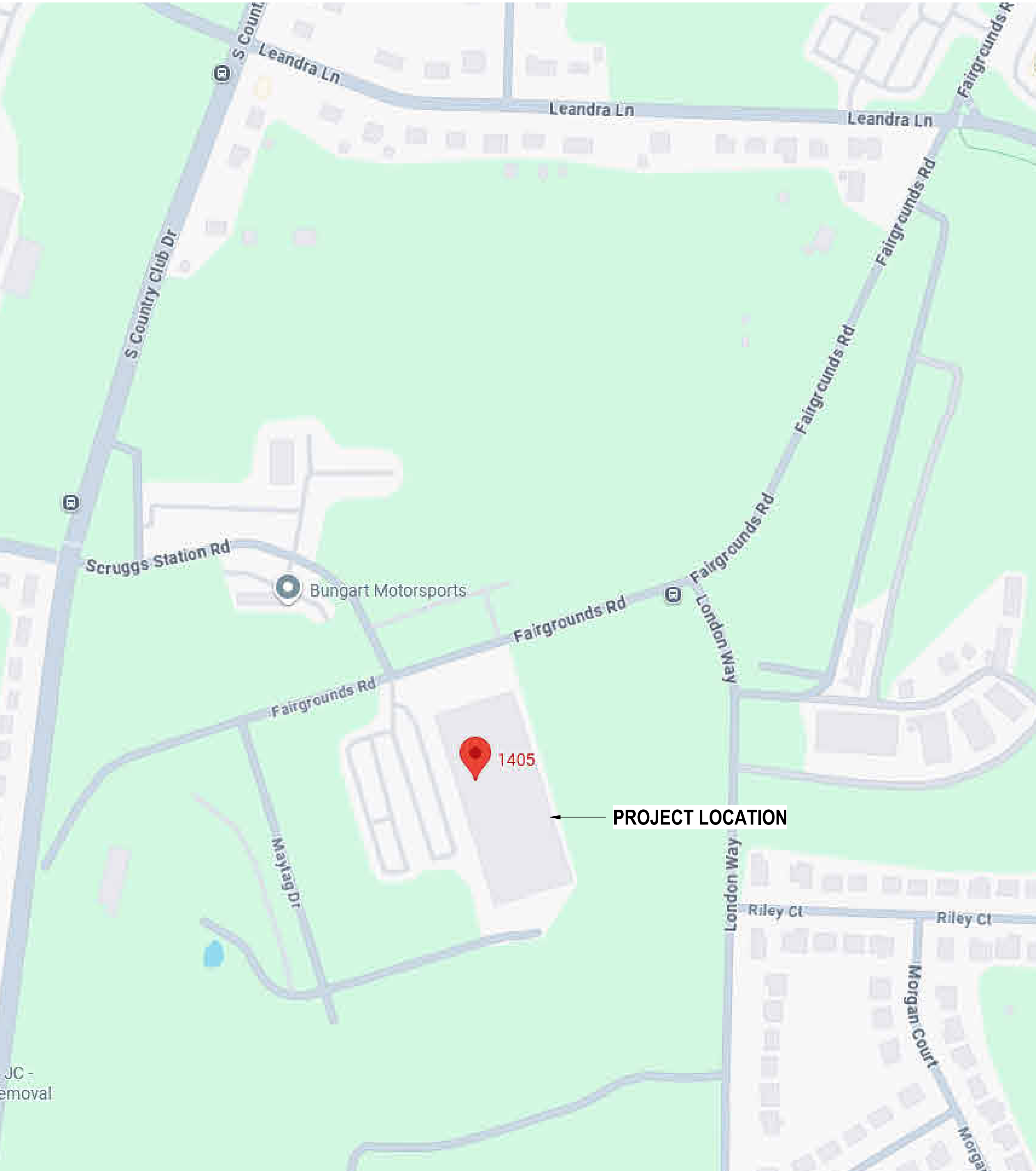
ARCHITECT
STATE OF MISSOURI - OFFICE OF ADMINISTRATION
DIVISION OF FACULTIES MANAGEMENT DESIGN
AND CONSTRUCTION:
301 W. HIGH ST. JEFFERSON CITY, MO 65102

MEP ENGINEER
TIMBERLAKE ENGINEERING
A CUSTOM ENGINEERING COMPANY
912 OLD 63 SOUTH
COLUMBIA, MO. 65201

STRUCTURAL ENGINEER
CROCKETT ENGINEERING CONSULANTS
1000 W NIFONG BLVD. BLDG. 1
COLUMBIA, MO. 65203

PROJECT NUMBER: O2534-01

SITE NUMBER: 1046
FACILITY NUMBER: 3101046002



2 LOCATION MAP
G-001 1" = 200'-0"

SHEET LIST	
SHEET NUMBER	SHEET TITLE
G-000	COVER SHEET
G-001	CODES & SHEET LIST
S-101	PARTIAL FLOOR PLAN & DETAIL
A-201	BUILDING ELEVATIONS
A-401	RENOVATION ROOF PLAN
A-501	ROOF RENOVATION DETAILS
ME-000	MECHANICAL & ELECTRICAL NOTES, SPECIFICATIONS, AND LEGENDS
MED-100	DEMO MECHANICAL & ELECTRICAL PLAN - FIRST FLOOR
MED-200	DEMO MECHANICAL & ELECTRICAL PLAN - SECOND FLOOR
MED-300	DEMO MECHANICAL & ELECTRICAL PLAN - ROOF
ME-100	MECHANICAL & ELECTRICAL PLAN - FIRST FLOOR
ME-200	MECHANICAL & ELECTRICAL PLAN - SECOND FLOOR
ME-300	MECHANICAL & ELECTRICAL PLAN - ROOF
ME-500	MECHANICAL & ELECTRICAL DETAILS
ME-600	MECHANICAL & ELECTRICAL SCHEDULES

BASED ON THE FOLLOWING CODES	
2018	INTERNATIONAL BUILDING CODE
2018	INTERNATIONAL MECHANICAL CODE
2018	INTERNATIONAL PLUMBING CODE
2018	INTERNATIONAL FUEL GAS CODE
2018	INTERNATIONAL FIRE CODE
2018	INTERNATIONAL ENERGY CONSERVATION CODE
2017	NATIONAL ELECTRIC CODE

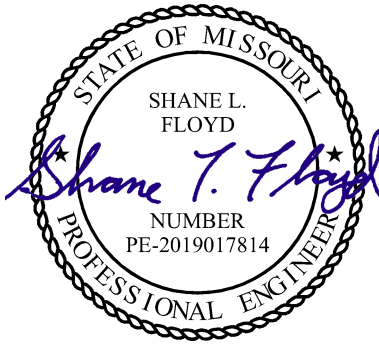


1 SITE AERIAL
G-001 1" = 160'-0"

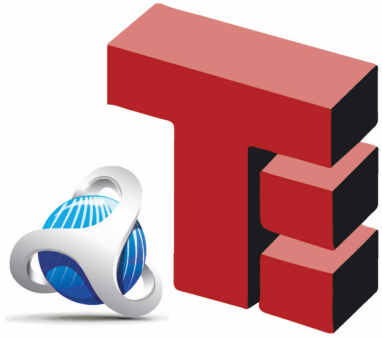


3 SITE 3D AERIAL
G-001 NOT TO SCALE

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Shane Floyd, P.E.
PE-2019017814
MO Certificate of Authority #000239



Timberlake
ENGINEERING

A Custom Engineering Company

912 Old Hwy 63 S.
Columbia, Missouri 65203
573.875.4365
www.CUSTOMENG.com

MISSOURI CERTIFICATE OF AUTHORITY #000239

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1535 FAIRGROUNDS RD.
JEFFERSON CITY, MO. 65109

PROJECT # O2534-01
SITE # 1046
ASSET # 3101046002

REVISION	DATE

ISSUE DATE: 09/14/2026

CAD DWG FILE: O2534-01_G001
DRAWN BY: CKT
CHECKED BY: SLF
DESIGNED BY: TE / CEI

SHEET TITLE:
CODES & SHEET LIST

SHEET NUMBER:

G-001

SHEET 2 OF 15
ISSUE DATE: 09/14/2026



Jared Versues, P.E.
PE-2017000387

CROCKETT
ENGINEERING CONSULTANTS
1000 W. Nifong Blvd., Bldg. 1
Columbia, Missouri 65202
(573) 447-0292
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#2000151304

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1535 FAIRGROUNDS RD.
JEFFERSON CITY, MO. 65109

PROJECT # O2534-01

SITE # _____

ASSET # _____

ISSUE DATE:09/14/26

CAD DWG FILE: 260256

DRAWN BY: SEH

CHECKED BY: JWV

DESIGNED BY: JWV

SHEET TITLE:

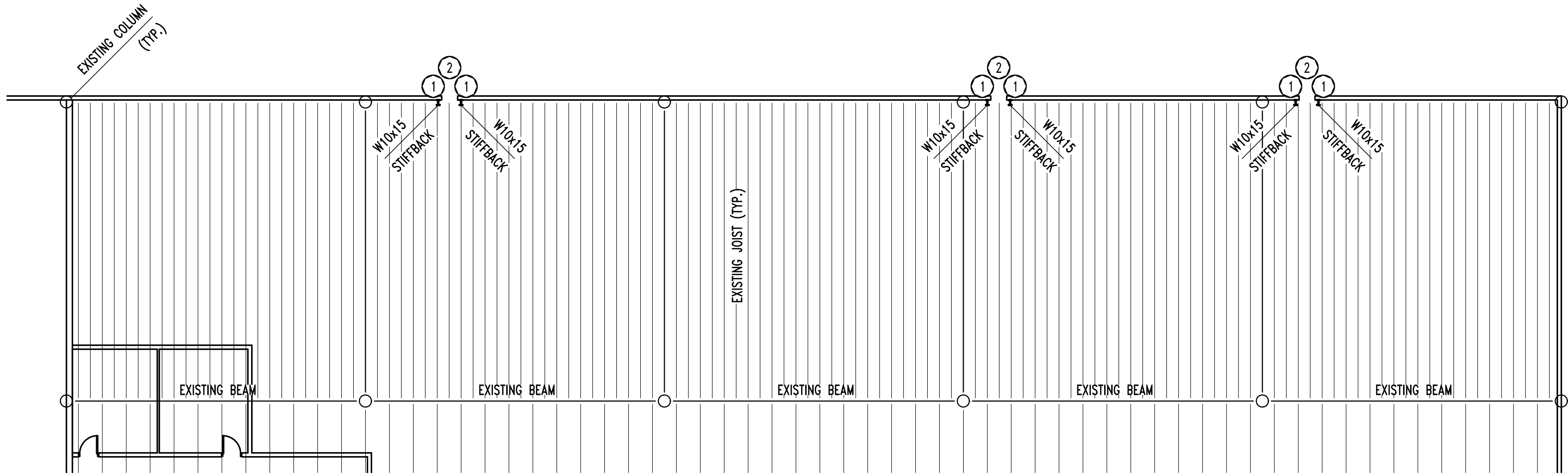
COVER SHEET,
PARTIAL FLOOR
PLAN & DETAIL

SHEET NUMBER:

S-101

SHEET 3 OF 15

ISSUE DATE: 9/14/2026



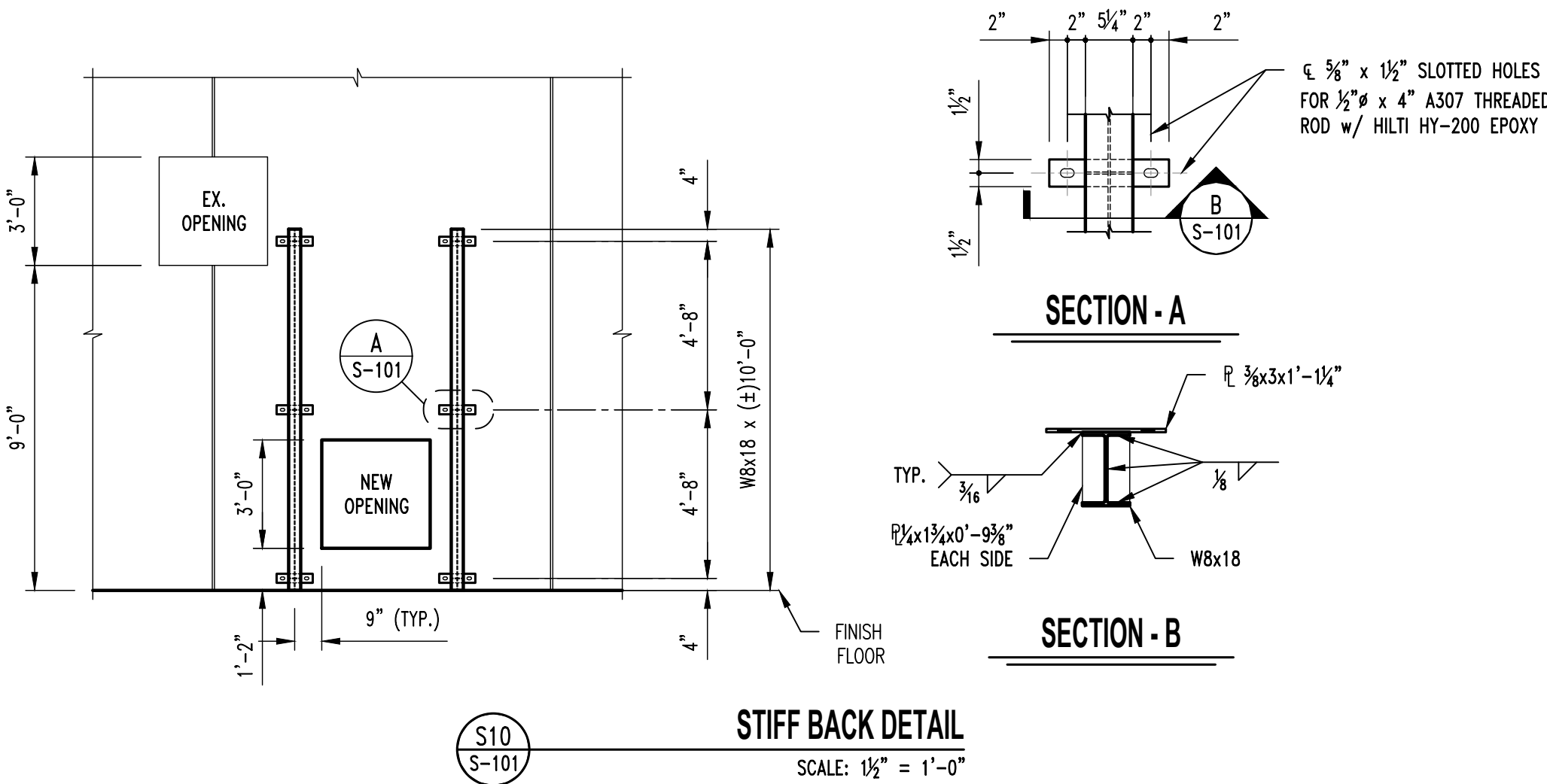
1
S-101
PARTIAL FLOOR PLAN
SCALE: 1/16" = 1'-0"
N

FRAMING NOTES

- 1 STIFFBACK; SEE S10/S-101 FOR ADDITIONAL INFORMATION.
- 2 CONTRACTOR TO CUT 36" SQUARE OPENING IN EXISTING PRECAST PANEL. INSTALL 14" ABOVE FINISH FLOOR & 18" ADJACENT TO EXISTING OPENING. REFER TO MEP FOR ADDITIONAL INFORMATION.

POST-INSTALLED ANCHORS

1. ALL POST-INSTALLED ANCHORS SHALL MEET THE REQUIREMENTS OF THE CODE-CITED EDITION OF ACI 318, APPENDIX "D" OR CHAPTER 17, AND SHALL BE ACCEPTABLE FOR BOTH CRACKED AND UNCRACKED CONCRETE.
2. EXPANSION ANCHORS HAVE BEEN DESIGNED AS HILTI KWIK BOLT TZ ANCHORS, UNLESS NOTED OTHERWISE.
3. ADHESIVE ANCHORS HAVE BEEN DESIGNED TO USE HILTI HIT HY 200 ADHESIVE IN CONCRETE OR SOLID MASONRY, UNLESS NOTED OTHERWISE.
4. EQUIVALENT ANCHORS MAY BE SUBMITTED FOR THE ENGINEER'S APPROVAL. SUBMITTALS ARE THE CONTRACTOR'S RESPONSIBILITY AND MUST INCLUDE EVALUATION REPORTS FROM THE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS (ICC-ES).
5. EMBEDMENT DEPTH IS DEFINED AS THE DISTANCE FROM THE SURFACE OF THE LOAD-BEARING BASE MATERIAL TO THE DEEPEST PART OF THE ANCHOR AFTER THE ANCHOR HAS BEEN DRIVEN INTO THE HOLE BUT NOT YET EXPANDED.
6. ADHESIVE ANCHORS SHALL BE ACCEPTABLE FOR LONG-TERM LOADING. WHEN BASE MATERIAL TEMPERATURES ARE BELOW 40 DEG F, ONLY NON-EPOXY-BASED ADHESIVES SHALL BE USED.
7. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. CARE SHALL BE TAKEN TO AVOID CONFLICTS WITH EXISTING REINFORCING BARS. HOLES SHALL BE DRILLED AND CLEANED PER ANCHOR MANUFACTURER'S SPECIFICATIONS.
8. STAINLESS STEEL ANCHORS ARE REQUIRED AT ALL PERMANENTLY EXPOSED WEATHER CONDITIONS.



S10
S-101
STIFF BACK DETAIL
SCALE: 1/2" = 1'-0"

SPECIAL INSPECTIONS

THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE.

- a. BOLTS & ANCHORS EMBEDDED IN CONCRETE (PERIODIC)
- b. STRUCTURAL STEEL FABRICATIONS (UNLESS AISC APPROVED)(PERIODIC)
- c. STRUCTURAL STEEL BOLTING & WELDING (PERIODIC)
- d. POST INSTALLED ANCHORS IN CONCRETE (CONTINUOUS)



Brad M. Schaefer - Architect
MO# A-2009027294

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PROJECT # O2534-01
SITE # 1046
ASSET # 3101046002

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DATE: _____
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ISSUE DATE: 09/14/2026

CAD DWG FILE: _____
DRAWN BY: RG
CHECKED BY: BMS
DESIGNED BY: BMS

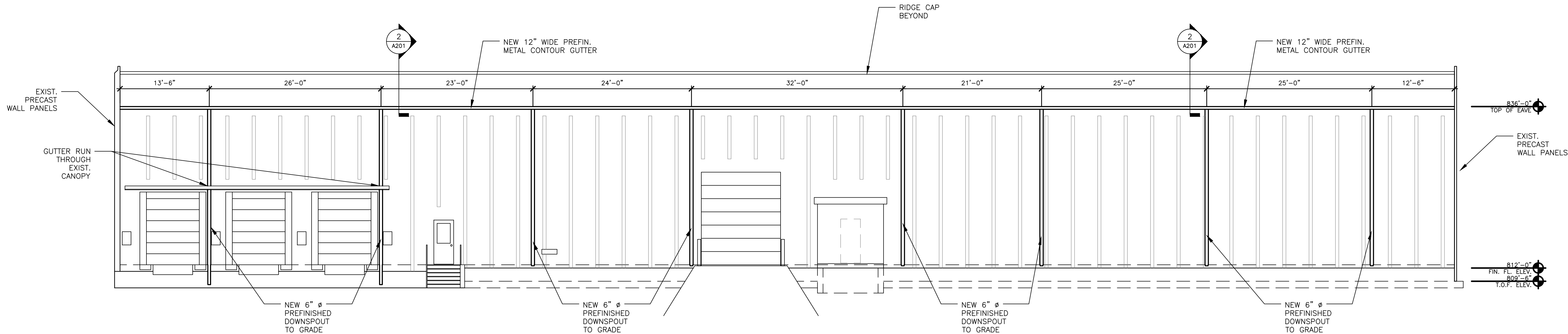
SHEET TITLE:

BUILDING
ELEVATIONS

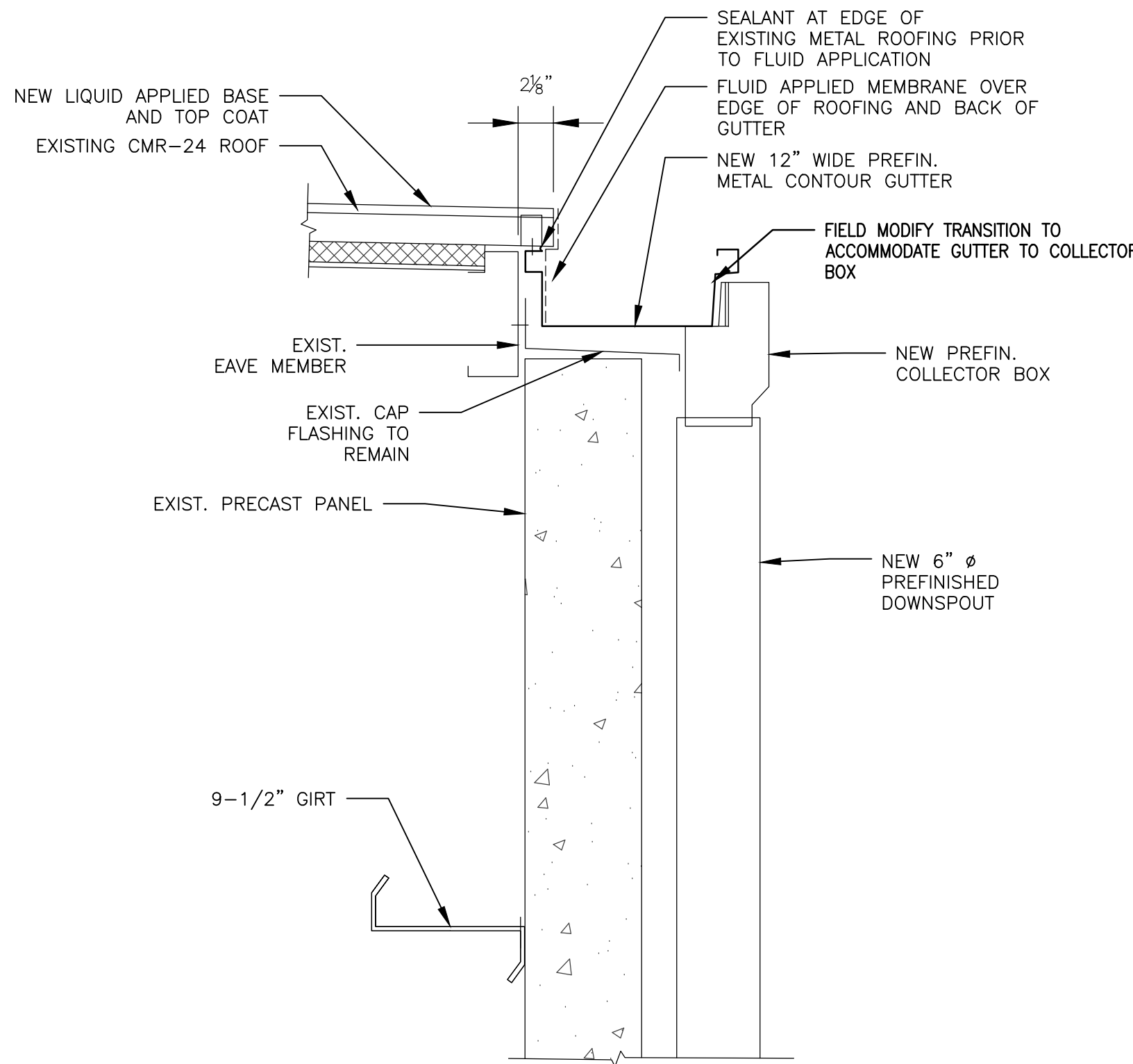
SHEET NUMBER:

A-201

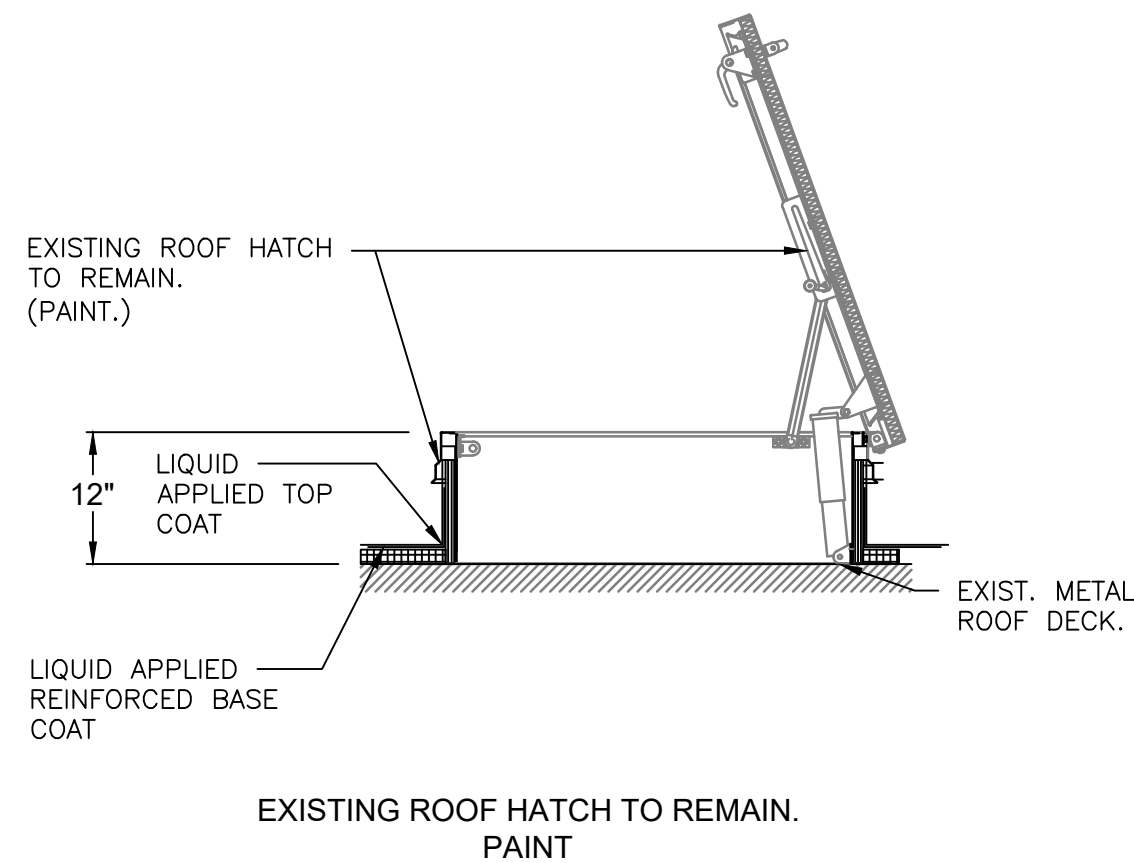
4 OF 15 SHEETS
09/14/2026



1 SOUTH BUILDING ELEVATION – DOWNSPOUTS AND GUTTERS
SCALE: 1/8"=1'-0"



2 SOUTH SIDEWALL GUTTER DETAIL
SCALE 1-1/2" = 1'-0"



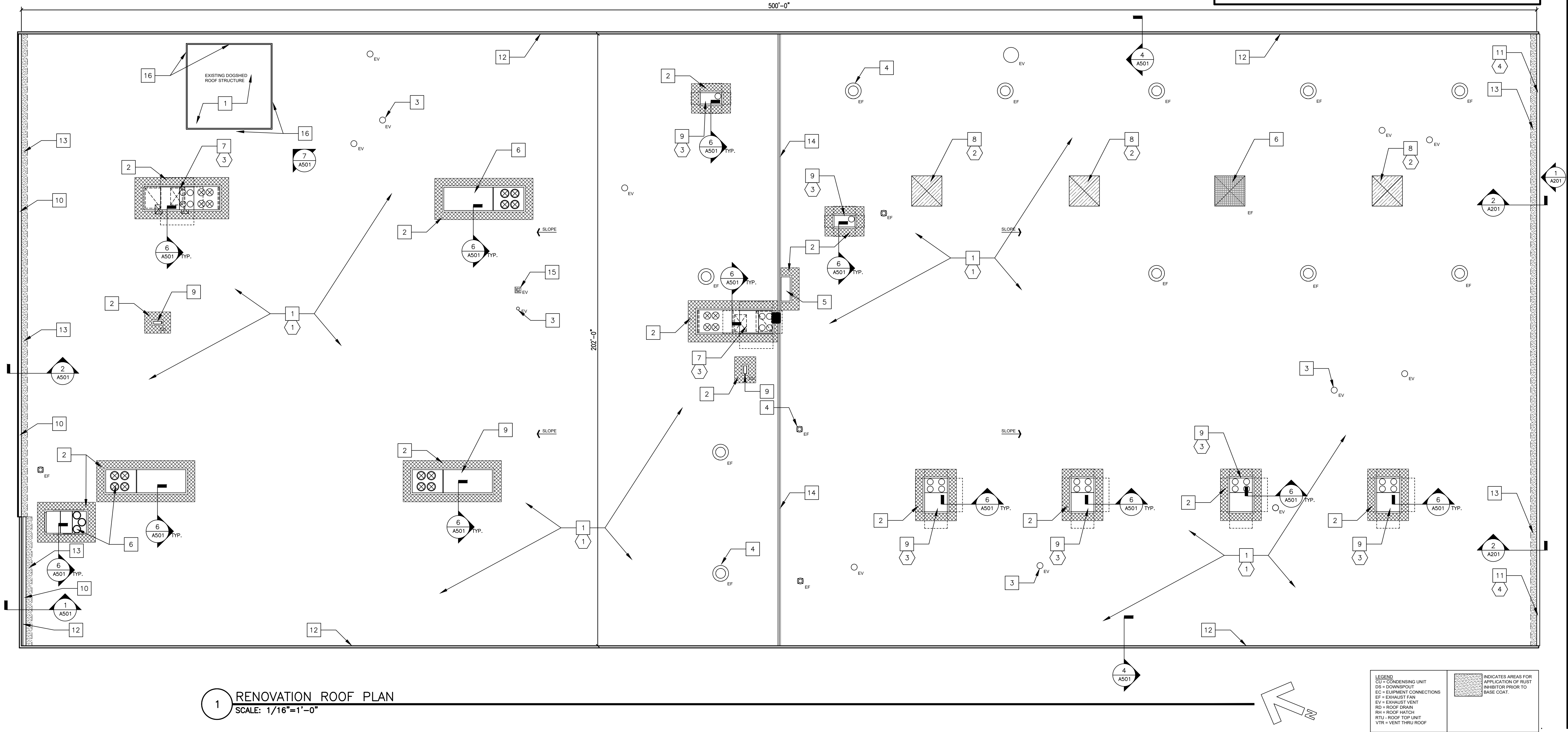
2 EXIST ROOF HATCH DETAIL
SCALE: N.T.S.

GENERAL ROOFING NOTES:	
1.	ALL ROOFING SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADDITION OF THE NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA) ROOFING MANUAL AND ASHRAE AS IT SIMILARLY RELATES TO ARCHITECTURAL METAL ROOFING AND EQUIPMENT.
2.	EXISTING CONDITIONS AND DIMENSIONS AS SHOWN ON THESE DRAWINGS ARE APPROXIMATIONS. ACTUAL CONDITIONS AND DIMENSIONS MAY VARY. CONTRACTORS SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS TO THE EXTENT THAT IT WOULD MAKE A DIFFERENCE TO THEIR BID. NO ADDITIONAL COST TO THE OWNER WILL BE CONSIDERED BASED UPON ANY MINOR VARIATIONS.
3.	THE CONTRACTOR IS TO VISIT THE SITE DURING THE BIDDING PERIOD AND IS TO ADVISE THE ARCHITECT OF ANY SITUATION OR DISCREPANCY WHICH WILL NOT ALLOW SUCCESSFUL COMPLETION OF THE WORK.
4.	ALL ROOF SLOPES ARE APPROXIMATELY 1/4"FT UNLESS OTHERWISE INDICATED ON DRAWINGS.
5.	DEMOLITION SHALL INCLUDE THE COMPLETE REMOVAL OF INDICATE ROOF EQUIPMENT, FASTENERS, AND FLASHINGS AS INDICATED DOWN TO THE EXISTING CURB. PROPERLY DISPOSE OF ALL MATERIALS WHICH ARE NOT MEANT TO BE REUSED.
6.	CONTRACTOR IS RESPONSIBLE FOR ANY INCIDENTAL DAMAGE DONE TO BUILDING AND GROUNDS DURING COURSE OF DEMOLITION AND CONSTRUCTION AND SHALL RESTORE BUILDING AND GROUNDS TO EXISTING CONDITIONS UPON COMPLETION OF ROOFING PROJECT.
7.	CONTRACTOR SHALL THOROUGHLY CLEAN ROOF AND SITE UPON COMPLETION OF PROJECT. PICK-UP, REMOVE AND PROPERLY DISPOSE OF ALL FASTENERS, DEBRIS AND SCRAP MATERIALS.
8.	ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED AS DIRECTED BY THE MANUFACTURER, UNLESS INDICATED OTHERWISE.
9.	THE CONTRACTOR SHALL COORDINATE WITH THE FACILITY TO ESTABLISH PROCEDURES FOR THE CONTROLLED ENTRY OF WORKERS AND MATERIALS INTO THE WORK AREA AND SHALL COMPLY WITH ALL RULES AND REGULATIONS ESTABLISHED BY THE FACILITY. THE INTERRUPTION OF SECURITY AND COMMUNICATIONS WILL NOT BE PERMITTED. CONTRACTOR SHALL INFORM AND COORDINATE WITH SECURITY OFFICIALS 48 HOURS IN ADVANCE OF ANY WORK RELATED TO SECURITY OR COMMUNICATIONS.
10.	AT MECHANICAL/ELECTRICAL ROOF EQUIPMENT AND VENTS, PROVIDE FLASHING PER ROOFING MANUFACTURER FOR WATERTIGHT ROOF INSTALLATION.
11.	EXISTING INTERNAL GUTTERS AND DOWNSPOUTS TO REMAIN. NEW GUTTERS AND DOWNSPOUTS WHERE INDICATED. REWORK EDGE DETAIL AS REQUIRED.
12.	REPLACE PITCH POCKETS AS REQUIRED PER ROOFING MANUFACTURER'S STANDARD PRINTED SPECIFICATIONS AND DETAILS.
13.	PROPERLY SEAL CAP ANY INDICATED AREAS OF EQUIPMENT REMOVAL.
14.	INSTALL WALKWAYS WITH FLUID APPLIED TOPCOAT. (ENSURE WALKWAYS ARE MASKED OFF TO ENSURE INFORM APPEARANCE.) WALKWAYS TO BEN INSTALLED AROUND SERVICEABLE EQUIPMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
15.	REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR DISCONNECTION/RECONNECTION OF ROOFTOP UTILITIES. PROVIDE PIPING SUPPORTS PER S/A505.
16.	ALL EXISTING VENT PIPES AND EQUIPMENT TO REMAIN AND BE SEALED AT BOOT JOINTS UNLESS OTHERWISE NOTED ON DRAWINGS.

HAZARDOUS MATERIAL NOTES:	
THE ROOF HAS BEEN TESTED FOR ASBESTOS MATERIAL. REFER TO SPECIFICATION APPENDIX A FOR HAZARDOUS MATERIAL REPORT	

ROOF DEMOLITION KEYNOTES:	
1	EXISTING METAL DECKING TO REMAIN.
2	EXISTING MAKE UP AIR FAN INTAKE HOOD TO BE REMOVED. RE: M.E.P. SHEETS
3	EXISTING ROOF TOP MECHANICAL UNIT TO BE REMOVED. REFER TO M.E.P. SHEETS.
4	EXISTING EXPOSED GUTTERS AND DOWNSPOUTS TO BE REMOVED WHERE INDICATED.

NEW WORK KEYNOTES:	
1	NEW FLUID APPLIED ROOFING MEMBRANE OVER EXISTING METAL ROOF. CONTRACTOR TO RESEAL ALL PANEL JOINTS AND FASTENERS ON ROOF DECK, PARAPETS AND EQUIPMENT.
2	INSTALL 36" WIDE WALKWAY PADS AROUND ROOF HATCHES AND HVAC UNITS AS INDICATED. RE: SPECIFICATIONS.
3	SEAL EXIST. BOOT FLASHING AROUND PENETRATIONS TYP. SEE DETAIL 3/A501.
4	SEAL EXISTING FLASHING AT VENT EQUIPMENT. SEE DETAIL 3/A501.
5	EXISTING ROOF ACCESS HATCH TO REMAIN. PAINT. SIMILAR TO DETAIL 2/A401.
6	EXISTING ROOF TOP EQUIPMENT TO REMAIN. SEAL SUPPORTS AND FLASHING. REFER TO M.E.P. DRAWINGS.
7	NEW ROOFTOP EQUIPMENT WITH CURB ADAPTERS. REFER DETAIL 6/A501 AND M.E.P. DRAWINGS. EXISTING CURB TO REMAIN
8	EXISTING ROOF VENT TO BE REMOVED. CONTRACTOR TO PROVIDE AND INSTALL NEW TAPERED PREFINISHED SHEET METAL COVER PAN. FLASH AND SEAL
9	NEW ROOFTOP EQUIPMENT. REFER DETAIL 6/A501 AND M.E.P. DRAWINGS. EXISTING CURB TO REMAIN
10	EXISTING INTEGRAL GUTTERS TO REMAIN. THOROUGHLY CLEAN GUTTERS AND FLUSH DOWNSPOUTS OF DEBRIS. SEAL ALL INTEGRAL GUTTER ROOF DRAINS AND EXISTING FLASHING TO BE WATERTIGHT. SEE DETAIL 1 AND 2/A501.
11	PROVIDE AND INSTALL NEW 12" PREFINISHED GUTTERS AND 6" DIAMETER DOWNSPOUTS. SEAL EXPOSED EDGES OF ROOF FLASHING AT GUTTER TO BE WATERTIGHT. SEE ELEVATION ON 1/A201 AND DETAIL 2/A201.
12	NEW PREFINISHED METAL REGLET COUNTERFLASHING AND FLUID APPLIED FLASHING AT EXISTING CONCRETE PARAPET WALL TYPICAL. SEE DETAIL 4/A501.
13	HATCHED AREA INDICATES EDGE OF ROOF TO RECEIVE RUST INHIBITOR APPLICATION PRIOR TO INSTALLATION OF BASE COAT OF FLUID APPLIED MEMBRANE. REFER TO SPECIFICATIONS FOR RUST INHIBITOR.
14	EXISTING ROOF CAP FLASHING TO REMAIN AT PEAK. CONTRACTOR TO SEAL WITH FLUID APPLIED MEMBRANE.
15	EXISTING GALVANIZED VENT TO BE REMOVED. CONTRACTOR TO PROVIDE AND INSTALL NEW SHEET METAL COVER PANEL. SEAL PRIOR TO NEW ROOF MEMBRANE INSTALL
16	EXISTING ROOF TOP STRUCTURE TO REMAIN. SEAL FLASHING TO DRIP EDGE. REFER TO DETAIL 7/A501



1 RENOVATION ROOF PLAN
SCALE: 1/16"=1'-0"

LEGEND	
CU = CONDENSING UNIT	
DS = DOWNSPOUT	
EC = EQUIPMENT CONNECTIONS	
EF = EXHAUST FAN	
EV = EXHAUST VENT	
RD = ROOF DRAIN	
RH = ROOF HATCH	
RTU = ROOF TOP UNIT	
VTR = VENT THRU ROOF	
INDICATES AREAS FOR APPLICATION OF RUST INHIBITOR PRIOR TO BASE COAT.	

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PROJECT # 02534-01
SITE # 1046
ASSET # 3101046002

REVISION: _____
DATE: _____
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DATE: _____
ISSUE DATE: 09/14/2026

CAD DWG FILE: _____
DRAWN BY: RG
CHECKED BY: BMS
DESIGNED BY: BMS

SHEET TITLE:
RENOVATION
ROOF PLAN

SHEET NUMBER:

A-401

5 OF 15 SHEETS
09/14/2026



Brad M. Schaefer - Architect
MO# A-2009027294

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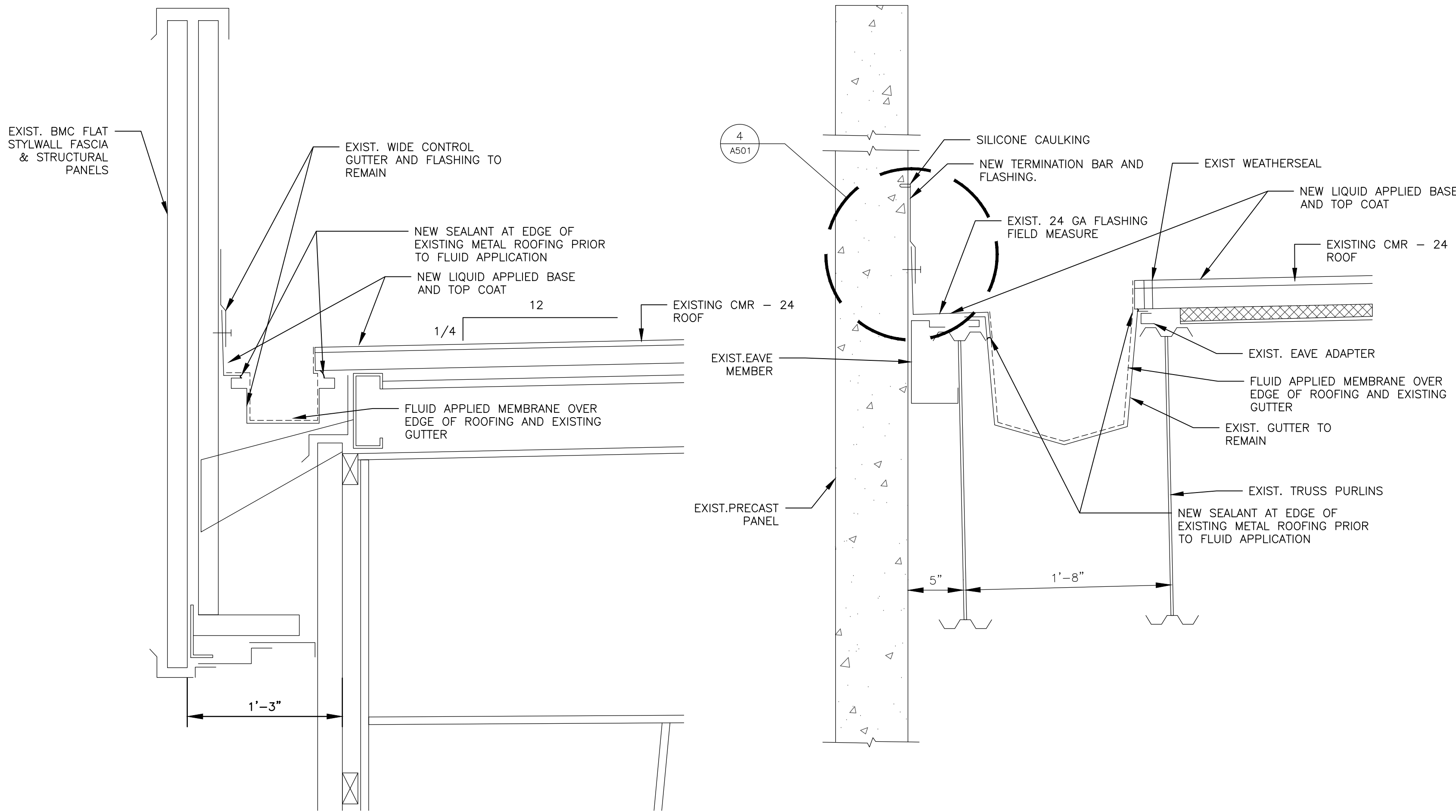
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ROOF RENOVATION DETAILS

SHEET NUMBER:

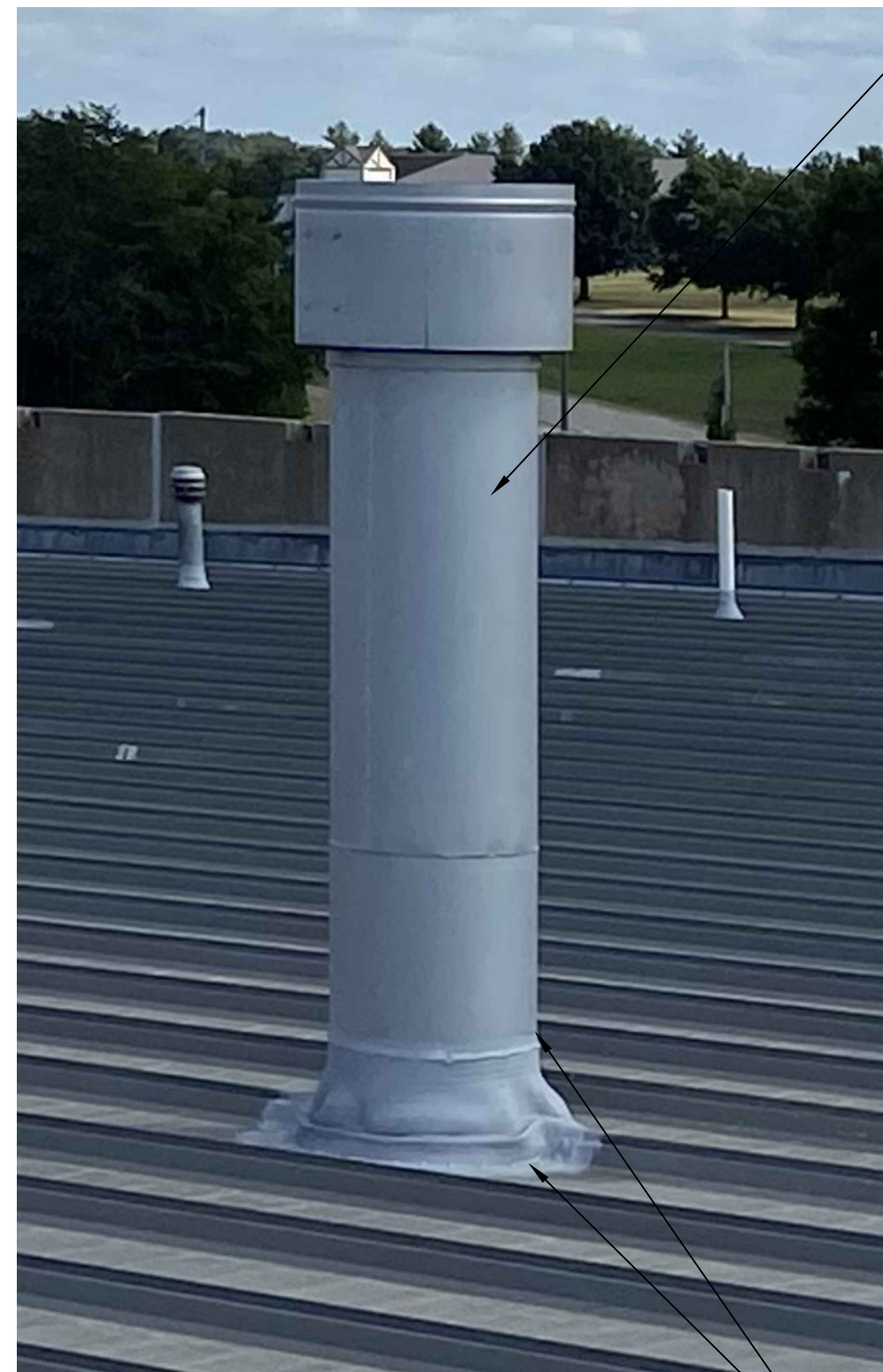
A-501

6 OF 15 SHEETS
09/14/2026

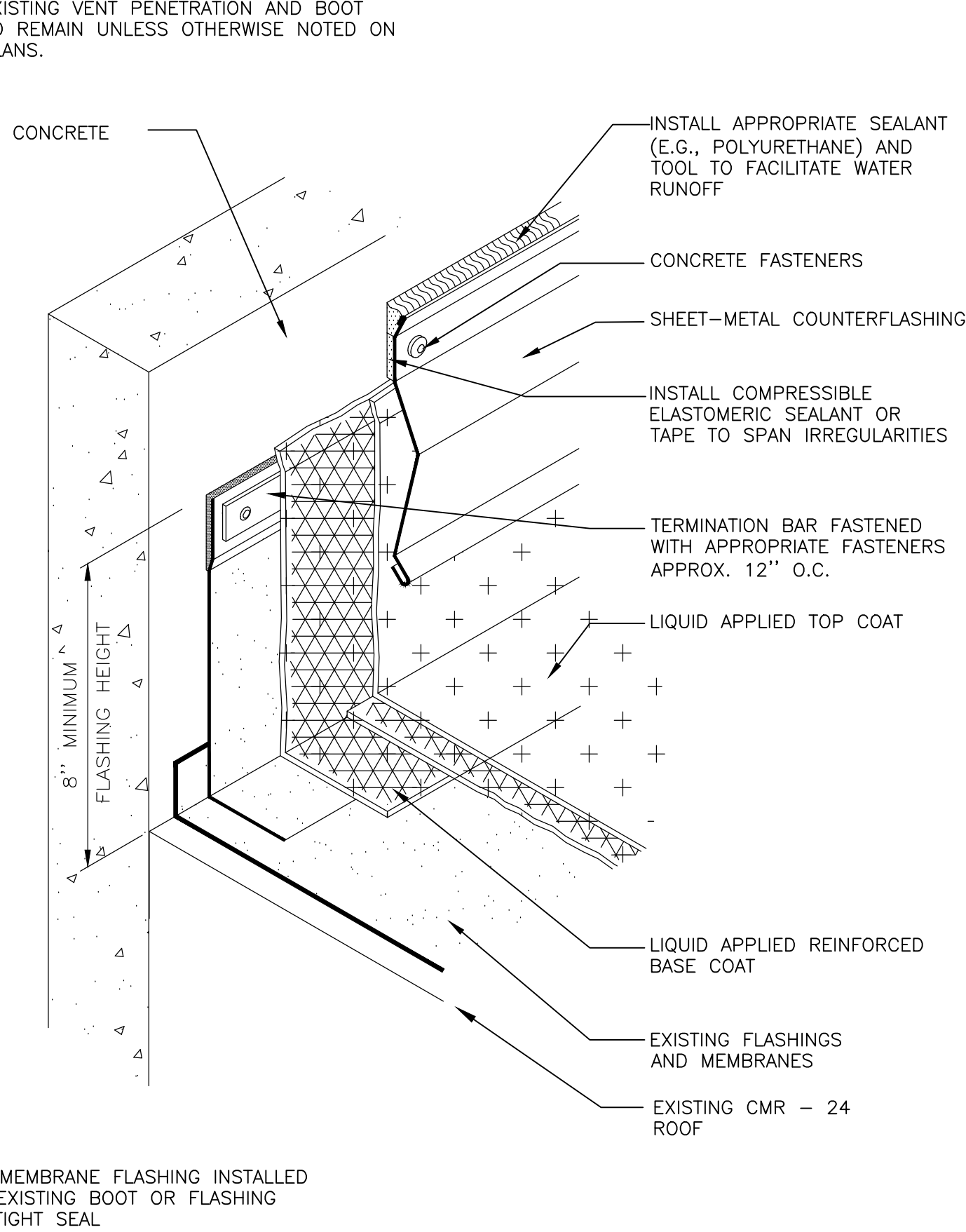


1 INTERGRAL GUTTER SECTION DETAIL
SCALE 1-1/2" = 1'-0"

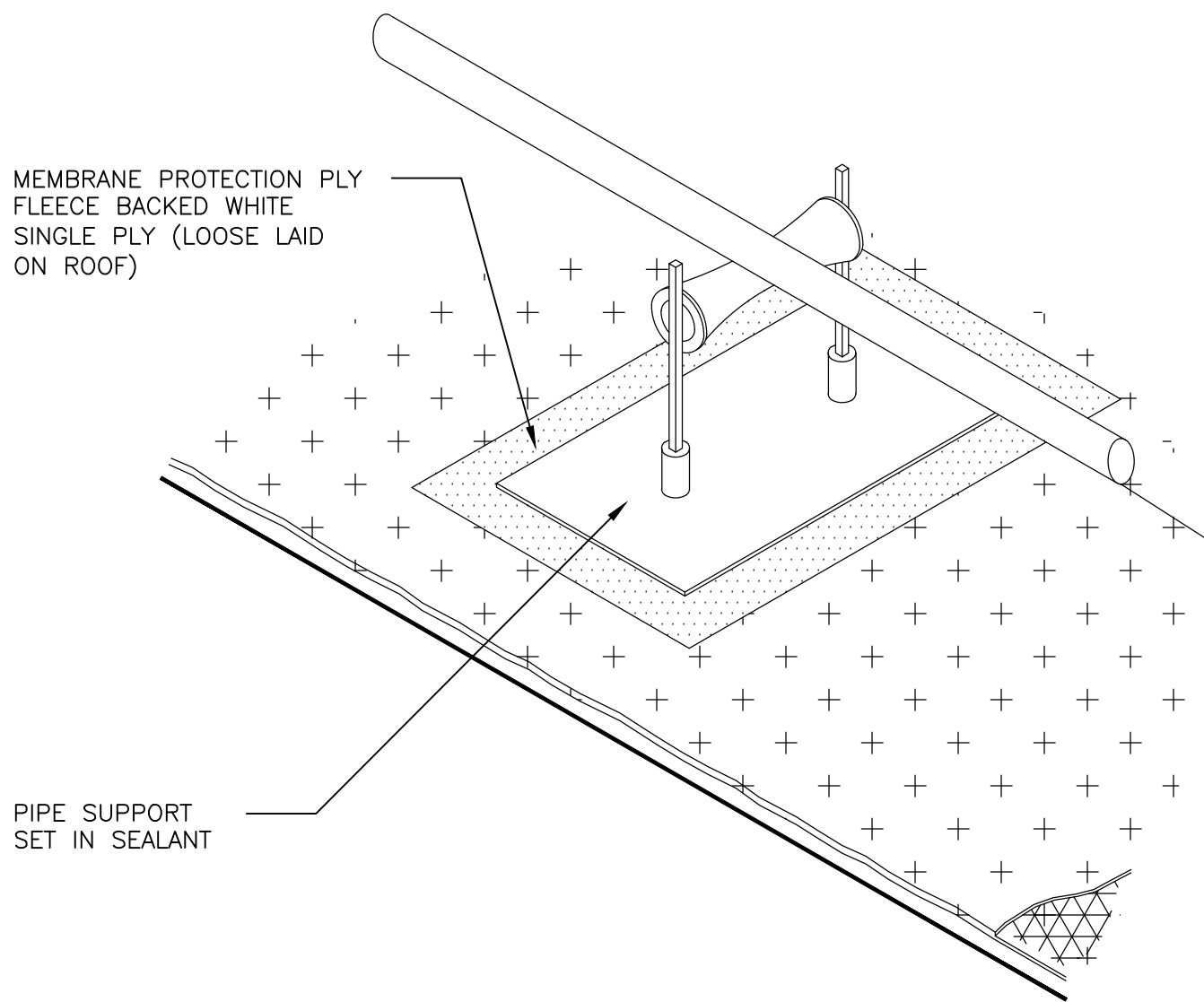
2 MULTIPLE GUTTER DETAIL AT NORTH SIDEWALL
SCALE 1-1/2" = 1'-0"



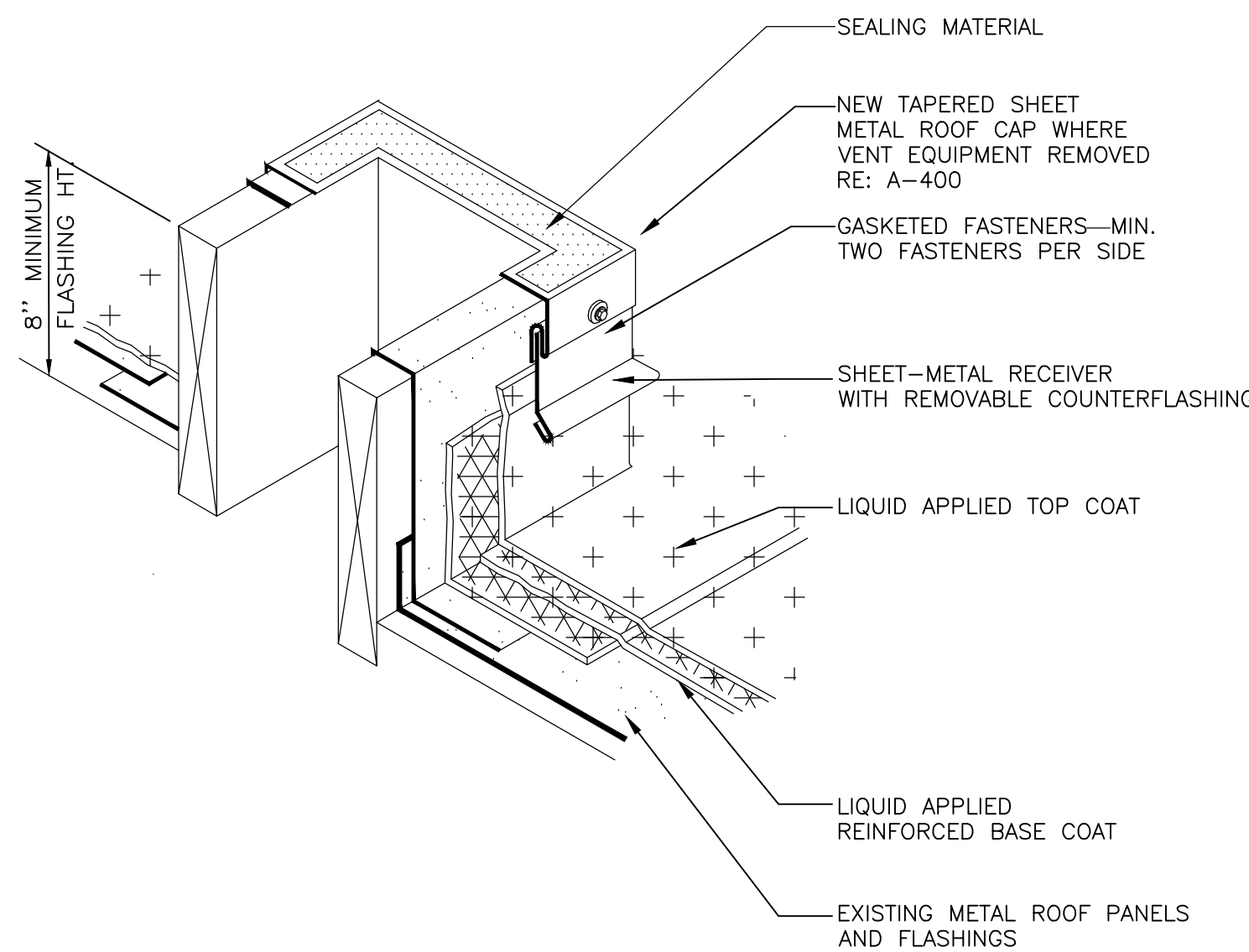
3 TYPICAL PENETRATION
SCALE: N.T.S.



4 TYP. PARAPET W/ COUNTERFLASHING
SCALE: N.T.S.



5 TYP. PIPE SUPPORT
SCALE: N.T.S.



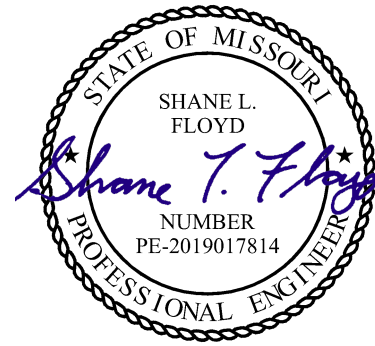
6 TYP. EQUIPMENT CURB
SCALE: N.T.S.



7 ROOF STRUCTURE FLASHING IMAGE DETAIL
SCALE: N.T.S.

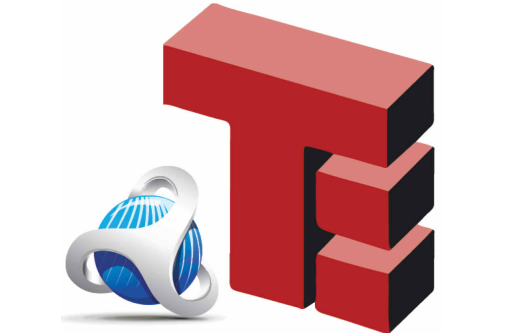
EQUIPMENT	ABBREVIATIONS				GENERAL ELECTRICAL NOTES	GENERAL DEMOLITION NOTES
1. EQUIPMENT SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY APPROVED BY OSHA.	Ø	DIAMETER	LAT	LEAVING AIR TEMPERATURE	1. THIS IS A GENERAL LEGEND SHEET. SOME SYMBOLS AND ABBREVIATIONS MAY NOT BE USED ON THIS SPECIFIC PROJECT.	1. DEMOLITION PLANS SHOW THE GENERAL EXTENT OF THE MECHANICAL AND ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT ELECTRICAL SERVICES TO ALL EQUIPMENT BEING REMOVED. SEE MECHANICAL PLANS. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS, SUCH AS COVER PLATES, RECEPTACLES, LIGHTS, PANELS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH OWNER PRIOR TO STARTING DEMOLITION. PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS BEING REMOVED.
2. INSTALL EQUIPMENT WHILE MAINTAINING CLEARANCES AS RECOMMENDED BY MANUFACTURER AND REQUIRED BY APPLICABLE CODES AND STANDARDS.	ABV	AMP	LB	POUNDS PER HOUR	2. ALL WORK SHALL CONFORM WITH THE MOST CURRENT NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES AND ORDINANCES AND O.S.H.A. WHERE MINIMUM CODE REQUIREMENTS ARE EXCEEDED BY THE REQUIREMENTS INDICATED IN THE SPECIFICATIONS AND ON THESE DRAWINGS. THE DRAWINGS AND SPECIFICATIONS SHALL TAKE PRECEDENCE. (IN THE CASE OF CODE CONFLICT DIRECTION SHALL BE TAKEN FROM THE MORE STRICT OF THE CONFLICTING CODES).	2. M.C. & E.C. SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOLLOWING THE REQUIREMENTS FOR DEMOLITION WORK WITHIN THE GOVERNING MUNICIPALITY.
3. PROVIDE CONNECTIONS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPLICABLE CODES AND STANDARDS. COORDINATE CONNECTION REQUIREMENTS FOR FINAL EQUIPMENT SELECTIONS WITH OTHER AFFECTED TRADES.	AC	AIR CONDITIONING	LBHR	LOW PRESSURE	3. CAREFULLY REVIEW CONTRACT DOCUMENTS INCLUDING DRAWINGS & PROJECT MANUAL. INFORMATION REGARDING WORK OF THE VARIOUS TRADES & SUBCONTRACTORS ARE DISPERSED THROUGHOUT THE DOCUMENTS & CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE FULL SET OF DOCUMENTS. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR INSTALLATION OF THE MECHANICAL, PIPING, ETC. CONDUIT & PIPE TO BE RUN TO MAXIMIZE USE OF CEILING SPACE FOR USE BY OTHER TRADES.	3. M.C. & E.C. SHALL BE TOTALLY RESPONSIBLE FOR SAFE PROCEDURES, PRACTICES AND OPERATION. FOR ALL EXISTING ELECTRICAL DEVICES TO BE REMOVED. E.C. SHALL PROTECT ALL SURFACES, FURNISHINGS, EQUIPMENT, ETC. ADJACENT TO DEMOLITION AREAS FROM DAMAGE.
4. VERIFY FINAL CONNECTION SIZES WITH OWNER PROVIDED EQUIPMENT AND PROVIDE REQUIRED ISOLATION VALVES, CHECK VALVES, UNIONS, GAUGES, AND SO FORTH FOR A COMPLETE INSTALLATION.	ACHR	AIR CHANGES PER HOUR	LP	LOUVER	4. CONDUIT ROUTES SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL FIELD VERIFY AND PROVIDE CONDUIT ROUTES AS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR ROUTING ALL CONDUITS NOT SHOWN ON THE DRAWINGS. INCLUDING BUT NOT LIMITED TO CONDUITS SHOWN ON THE ONE-LINE AND CONTROL DIAGRAMS AS WELL AS HOME RUNS SHOWN ON THE PLAN DRAWINGS. CONDUITS SHALL BE ROUTED AS DEFINED IN THE SPECIFICATIONS.	4. FOR ALL EXISTING ELECTRICAL DEVICES TO BE REMOVED, E.C. SHALL VERIFY PANEL AND CIRCUIT NUMBERS IN THE EXISTING ELECTRICAL PANELS AND ISOLATE WIRING AT THE BREAKERS. CONTRACTOR SHALL REMOVE ALL CABLE AND ACCESSIBLE EXPOSED CONDUIT BETWEEN END DEVICE AND ITS UPSTREAM POWER SOURCE. REMOVE ALL ELECTRICAL APPURTENANCES (DISCONNECT, STARTER, WIRING, CONDUIT, CONDUIT STRAPS, ETC.) ASSOCIATED WITH THE DEVICE AND / OR EQUIPMENT THAT IS BEING REMOVED. PROVIDE BLANK METAL COVER PLATES FOR ALL JUNCTION BOXES NO LONGER IN USE THAT ARE EMBEDDED IN CONCRETE OR MASONRY WALLS. PROVIDE PLUGS FOR ALL PANELS WHERE CONDUIT HAS BEEN REMOVED. COVER PLATES SHALL BE PAINTED TO MATCH EXISTING CONDITIONS.
5. PROVIDE ENGRAVED PLASTIC LAMINATE NAMEPLATES ON ALL NEW AND EXISTING EQUIPMENT. SURVEY BUILDING TO ENSURE THAT NAMES ARE UNIQUE AND CONSISTENT WITH EXISTING CONVENTIONS.	ADD	ADDENDUM	LVT	LEAVING WATER TEMPERATURE	5. WHERE EXISTING CIRCUITS, CONDUCTORS, CONDUITS, JUNCTION BOXES, PANELS, SWITCHES AND OTHER EQUIPMENT CONFLICTS WITH NEW CONSTRUCTION, EXISTING EQUIPMENT SHALL BE RELOCATED TO MAINTAIN FUNCTION AND SERVICE.	5. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING WORK.
	AF	ABOVE FINISHED FLOOR	M/A	MIXED AIR	6. AT THE CONCLUSION OF THIS PROJECT PROVIDE AN UPDATED TYPEWRITTEN, AS-BUILT DIRECTORY INSIDE EACH PANELBOARD/SWITCHBOARD PROPERLY IDENTIFYING EACH CIRCUIT USED & THE SPECIFIC LOAD SERVED. ALSO PROVIDE SCHEDULES ON CD DISK.	6. CONTRACTOR SHALL REMOVE ALL DEMOLISHED ELECTRICAL EQUIPMENT FROM THE SITE AND DISPOSE OF PROPERLY.
	AFUE	ANNUAL FUEL UTILIZATION	MAX	MAXIMUM	7. OPENINGS SHALL BE CUT TO THE EXACT SIZE REQUIRED IN ORDER TO MAINTAIN ANY MATERIAL RATINGS AND SEALED TO MAINTAIN RATING. PROVIDE ALL NECESSARY FLOOR CUTTING/PENETRATIONS AND ALL OF THE RE-PATCHING FOR THE COMPLETE EXECUTION OF THIS WORK.	7. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS AND RELOCATION REQUIRED TO MAINTAIN ALL ELECTRICAL CIRCUITS TO AREAS OUTSIDE DEMOLITION.
	ALT	ALTERNATE	MBH	ONE THOUSAND BTU PER HOUR	8. CONCEAL ALL ELECTRICAL WIRING AND RACEWAYS WHERE CONSTRUCTION PERMITS. EXPOSED RACEWAY SHALL BE MINIMIZED WHERE STRUCTURE IS EXPOSED TO VIEW. WHERE NECESSARY, CAREFULLY INSTALL RACEWAYS PARALLEL TO WALLS, BEAMS AND COLUMNS. EXPOSED RACEWAY SHALL BE HELD TIGHT TO STRUCTURE & LOCATED SO AS TO KEEP IT AS INCONSPICUOUS AS POSSIBLE.	8. PATCH HOLES AFTER REMOVAL OF ELECTRICAL EQUIPMENT IN AREAS OF DEMOLITION.
	AP	ACCESS PANEL	MCF	ONE THOUSAND CUBIC FEET	9. ALL SPARE WIRES SHALL BE TAPED AND COILED.	9. ALL DEVICES AND EQUIPMENT LOCATED IN THE DEMOLITION PLAN SHALL BE REMOVED, U.N.O.
	ARCH	ARCHITECT/ARCHITECTURAL	MD	MOTORIZED DAMPER	10. COORDINATE ALL DEVICES AND WIRING WITH EQUIPMENT NAMEPLATE DATA. VERIFY THE ELECTRICAL LOADS, MOUNTING HEIGHTS AND NEMA CONFIGURATIONS WITH THE MECHANICAL, PLUMBING AND OTHER CONTRACTORS AND SUPPLIERS PRIOR TO ROUGH-IN.	10. NOT ALL EQUIPMENT MAY BE SHOWN. CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING AND BECOME FAMILIAR WITH THE SCOPE OF DEMOLITION.
	BFF	BELOW FINISHED FLOOR	MFR	MECHANICAL MANUFACTURER	11. PROVIDE FINAL CONNECTION, WIRING, HOOK-UP, ETC. FOR ALL EQUIPMENT AND CONTROLS REQUIRING ELECTRICAL POWER TO OPERATE.	11. EXISTING MECHANICAL AND ELECTRICAL SYSTEMS LAYOUT, LOCATION AND SIZES ARE BASED ON AS-BUILT DOCUMENTS AND LIMITED FIELD SURVEYS. DUE TO HIDDEN CONDITIONS AT TIME OF SURVEY, CONTRACTOR SHALL ADVISE ENGINEER OF RECORD OF ANY FIELD CONDITIONS OF AFFECTED SYSTEMS THAT ARE NOT REFLECTED IN THIS SET OF DOCUMENTS PRIOR TO DEMOLITION OF THE SYSTEM AND BEFORE THE START OF NEW WORK TO THE SYSTEM.
	BHP	BRAKE HORSE POWER	MIN	MINIMUM	12. FURNISH AND INSTALL ALL WIRE, WIREWAY, CONDUIT, CONNECTORS, OUTLETS, ETC. NECESSARY TO ACHIEVE A COMPLETE AND WORKING INSTALLATION.	12. PROVIDE MATCHING BLANK COVER PLATES WHERE DEVICES ARE BEING REMOVED FROM EXISTING WALLS TO REMAIN.
	BLW	BELOW	MISC	MISCELLANEOUS	13. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A PULL WIRE OR STRING.	
	BTU	BRITISH THERMAL UNITS	MTD	MOUNTED	14. ALL ELECTRICAL DEVICES IN PUBLIC AREAS SHALL BE MOUNTED PER A.D.A. REQUIREMENTS.	
	BTUH	BRITISH THERMAL UNITS PER HOUR	MTR	MOTOR	15. ALL EXTERIOR MOUNTED ELECTRICAL DEVICES AND EQUIPMENT SHALL BE IN WEATHERPROOF ENCLOSURE AND U.L. LISTED FOR WET LOCATION AND/OR ULNEMA 3R LISTED U.N.O.	
	CAP	CAPACITY	MUA	MAKE-UP AIR	16. NO "PIGGYBACK" BREAKERS SHALL BE ALLOWED.	
	CD	CEILING DIFFUSER	NC	NOISE CRITERIA	17. ALL SINGLE-PHASE CIRCUITS SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR.	
	CFM	CUBIC FEET PER MINUTE	N.C.	NORMALLY CLOSED	18. ALL FEEDERS SHALL HAVE A SEPARATE COPPER GROUNDING CONDUCTOR INSTALLED. IN NO CASE SHALL THE CONDUIT OR RACEWAY BE USED AS THE GROUNDING CONDUCTOR.	
	CLG	CEILING	NIC	NOT IN CONTRACT	19. ALUMINUM CONDUCTORS SHALL NOT BE PERMITTED.	
	CONT	CONTINUED	NO	NUMBER	20. NON-METALLIC CABLE IS NOT PERMITTED.	
			N.O.	NORMALLY OPEN	21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING ALL CONDUITS NOT SHOWN ON THE PLANS. THIS SHALL INCLUDE ALL CONDUITS SHOWN ON THE ONE-LINES AND HOMERUNS SHOWN ON THE PLAN DRAWINGS. CONDUITS SHALL BE ROUTED AS INDICATED ON THE DRAWINGS AND DEFINED IN THE SPECIFICATIONS.	
			NTS	NOT TO SCALE	22. IF EQUIPMENT SUPPLIED BY MANUFACTURER HAS A LARGER LOAD THAN VALUE SHOWN, THE CABLE CONDUIT AND ELECTRICAL EQUIPMENT SHALL BE ENLARGED, AS REQUIRED, TO ACCOMMODATE THE HIGHER VALUE.	
	D	DEGREE	O/A	OUTSIDE AIR	23. ALL ELECTRICAL LIGHT AND POWER WIRE SHALL NOT BE SMALLER THAN #12 A.W.G. COPPER. ALUMINUM CONDUCTORS SHALL NOT BE PERMITTED. ALL SERVICE, FEEDER, AND BRANCH CIRCUIT CONDUCTORS SHALL HAVE TYPE THWN/THHN (90 DEGREE) INSULATION. LIGHTING FIXTURE WIRE INSULATION SHALL HAVE A TEMPERATURE RATING NOT LESS THAN THE INDIVIDUAL LIGHTING FIXTURE'S MANUFACTURER RECOMMENDED RATING. NON-METALLIC CABLE IS NOT PERMITTED.	
	DB	DRY BULB	O/ER	OPERATOR	24. E.C. SHALL FURNISH AND INSTALL, FOR WORK DESIGNATED AS HIS RESPONSIBILITY, ALL WIRE, WIREWAY, CONDUIT, CONNECTORS, OUTLETS, ETC. NECESSARY TO ACHIEVE A COMPLETE ELECTRICAL INSTALLATION. WHERE AN ELECTRICAL DEVICE IS REQUIRED BY CODE BUT NOT SHOWN, IT SHALL BE FURNISHED AND INSTALLED BY E.C. AS THOUGH FULLY SHOWN AND SPECIFIED.	
	DIA	DIAMETER			25. THE TERM "E.C." IN THESE NOTES REFERS TO THE ELECTRICAL SUBCONTRACTOR.	
	DIMW	DOUBLE INLET DOUBLE WIDTH			26. ELECTRICAL CONTRACTOR SHALL COORDINATE THIS WORK WITH THE MECHANICAL CONTRACTOR.	
	DN	DOWN	PD	PRESSURE DROP	27. ELECTRICAL CONNECTION TO ALL EQUIPMENT SUPPLIED BY OTHERS SHALL BE THE RESPONSIBILITY OF THE E.C. UNLESS OTHERWISE NOTED.	
	DX	DIRECT EXPANSION	PRESS	PRESSURE	28. COORDINATE WIRING OF THERMOSTATS WITH THE MECHANICAL SUBCONTRACTOR.	
	DWG	DRAWING	PSI	POUNDS PER SQUARE INCH		
			PSIG	POUNDS PER SQUARE INCH GAUGE		
	EA	EACH	PWR	POWER		
	E/A	EXHAUST AIR				
	EAT	ENTERING AIR TEMPERATURE				
	EFF	EFFICIENCY	R/A	RETURN AIR		
	ELEC	ELECTRICAL	RCP	RADIANT CEILING PANEL		
	EQUIP	EQUIPMENT	REC	RECESSED		
	ER	EXHAUST REGISTER	REV	REVISION		
	ESP	EXTERNAL STATIC PRESSURE	RH	RELATIVE HUMIDITY		
	EWT	ENTERING WATER TEMPERATURE	R/LA	RELIEF AIR		
	EXIST	EXISTING	RM	ROOM		
			RPM	REVOLUTIONS PER MINUTE		
	F	DEGREES FAHRENHEIT				
	FC	FORWARD CURVED				
	FD	FIRE DAMPER	S/A	SUPPLY AIR		
	FL	FLOOR	SF	SQUARE FOOT		
	FPM	FEET PER MINUTE	SD	SMOKE DAMPER		
	FT	FOOT, FEET	SM	SURFACE MOUNT		
	FTHD	FEET OF HEAD	SP	STATIC PRESSURE		
	FTR	FIN TUBE RADIATION	SPEC	SPECIFICATION		
	FTWG	FEET OF HEAD WATER GAUGE	SR	SUPPLY REGISTER		
			STD	STANDARD		
	GA	GAUGE	T	THERMOSTAT		
	GAL	GALLON	T/A	TRANSFER AIR		
	GALV	GALVANIZED	TD	TEMPERATURE DROP		
	GC	GENERAL CONTRACTOR	TEMP	TEMPERATURE		
	GPM	GALLONS PER MINUTE	TYP	TYPICAL		
	HP	HORSE POWER	VAC	VACUUM		
	HT	HEIGHT	VAV	VARIABLE AIR VOLUME		
	HTG	HEATING	VENT	VENTILATION		
	HTR	HEATER	VFD	VARIABLE FREQUENCY DRIVE		
	HUM	HUMIDITY	V	VOLTAGE		
	HWS	HEATING WATER SUPPLY				
	HWR	HEATING WATER RETURN	W/	WITH		
	HZ	HERTZ	W/O	WITHOUT		
			WB	WET BULB		
	IN	INCH				
	INWC	INCHES WATER COLUMN	ZD	ZONE DAMPER		
	KW	KILOWATT				
ABBREVIATIONS - CONTROLS						
AI	ANALOG INPUT	EC	ELECTRONICALLY COMMUTATED			
AO	ANALOG OUTPUT	ENTH	ENTHALPY			
AR	ANALOG REGISTER	FLA	FULL LOAD AMPS			
BI	BINARY INPUT	HR	HEATING WATER RETURN			
BO	BINARY OUTPUT	HS	HEATING WATER SUPPLY			
		HW	HEATING WATER			
CALC	CALCULATION	P	PUMP			
CO2	CARBON DIOXIDE	PA	PRIMARY AIR			
CRTL	CONTROL	PH	PHASE			
DA	DISCHARGE AIR	PID	PROPORTIONAL-INTEGRAL-DERIVATIVE			
DDC	DIRECT DIGITAL CONTROL	POT	POTENTIOMETER			
DIFF	DIFFERENTIAL	PPM	PARTS PER MILLION			
DO	DIGITAL OUTPUT					
HVAC SYMBOL LEGEND						
SUPPLY DIFFUSER					RETURN GRILLE	
EXISTING TO REMAIN					NEW	
DEMOLISHED						
AIR DEVICE TAG						
TYPE					AIRFLOW (CFM)	
NECK SIZE						
SA					SUPPLY DUCT	
					RETURN DUCT	
RA						
EA					EXHAUST DUCT	
					OUTSIDE AIR DUCT	
OA						
					FLEX DUCT	
					THERMOSTAT	
					CO2 SENSOR	
					CONNECT TO EXISTING	
					COMBUSTION AIR PIPING	
					FLUE/VENT PIPING	
					REFRIGERANT PIPING	

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Shane Floyd, P.E.
PE-2019017814
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09/14/2026



Timberlake
ENGINEERING

A Custom Engineering Company

912 Old Hwy 63 S.
Columbia, Missouri 65203
573.875.4365
www.CUSTOMENG.com
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SCRUGGS STATIONS
WAREHOUSE COMPLEX,
PORITE ROOF ELECTRICAL &
HVAC REPAIRS,
FAIRGROUNDS WAREHOUSE

1535 FAIRGROUNDS RD.
JEFFERSON CITY, MO. 65109

PROJECT # O2534-01
SITE # 1046
ASSET # 3101046002

ISSUE DATE: 09/14/2026

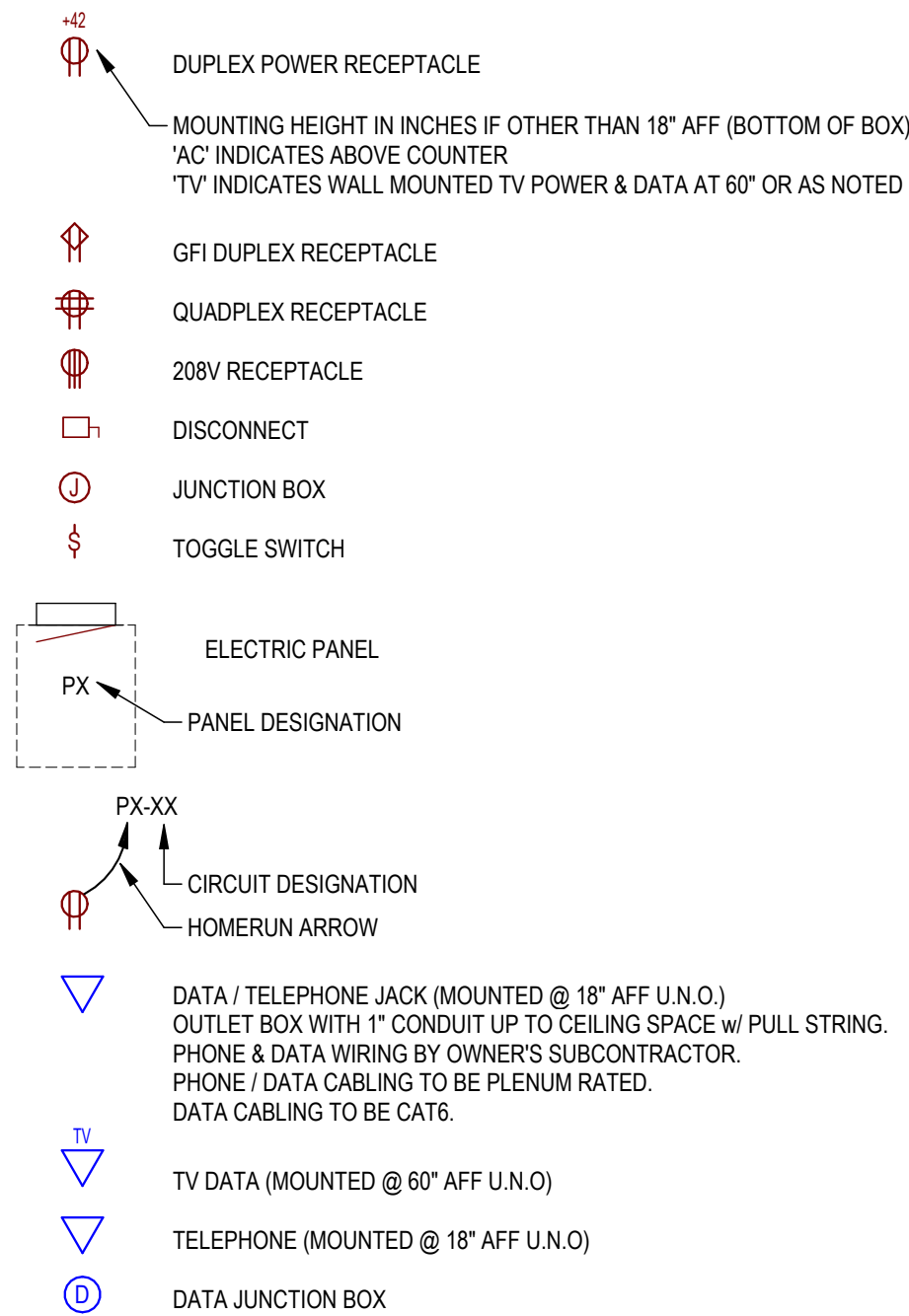
CAD DWG FILE: O2534-01_ME000
DRAWN BY: CKT
CHECKED BY: SLF
DESIGNED BY: TE / CEI

SHEET TITLE:
MECHANICAL &
ELECTRICAL NOTES,
SPECIFICATIONS,
AND LEGENDS

SHEET NUMBER:

ME-000
SHEET 7 OF 15
ISSUE DATE: 09/14/2026

POWER SYMBOL LEGEND

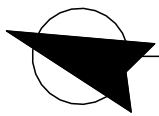
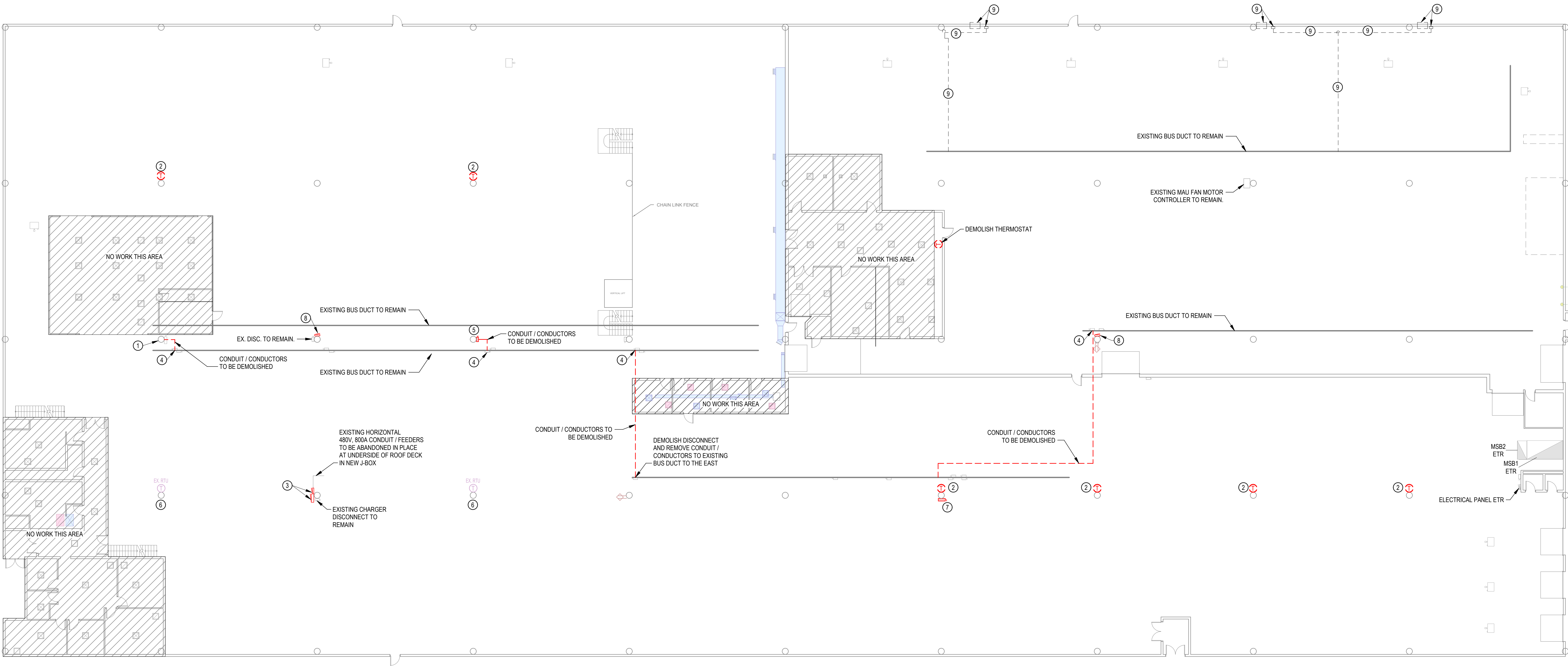


GENERAL PLAN NOTES

- ALL DUCTWORK, AIR DEVICES, EQUIPMENT AND CONTROL DEVICE ROUTINGS AND LOCATIONS SHOWN ARE AN APPROXIMATION BASED ON FIELD OBSERVATION AND EXISTING RECORD DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND ROUTINGS PRIOR TO ORDERING MATERIALS.
- ALL DUCTWORK, AIR DEVICES, CONTROLS AND EQUIPMENT SHOWN DASHED SHALL BE DEMOLISHED UNLESS NOTED OTHERWISE.
- ALL MECHANICALS TAGGED EX. OR ETR SHALL BE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- ALL ELECTRICAL GEAR, DEVICES AND FIXTURE LOCATIONS SHOWN ARE AN APPROXIMATION BASED ON FIELD OBSERVATION AND EXISTING RECORD DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND ROUTINGS PRIOR TO ORDERING MATERIALS.
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KEYED NOTES

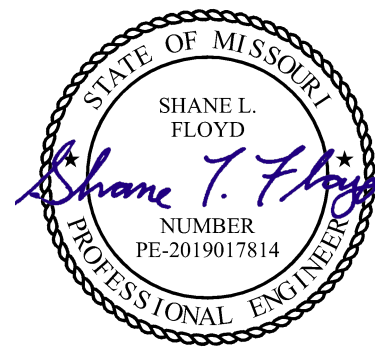
- COLUMN MOUNTED 60A DISCONNECT TO BE DEMOLISHED. REMOVE CONDUIT AND CONDUCTORS TO BUS DUCT
- DEMOLISH THERMOSTAT ON THIS COLUMN THAT SERVES ASSOCIATED RTU ON ROOF BEING DEMOLISHED ABOVE THIS APPROXIMATE LOCATION.
- DEMOLISH EXISTING 480V, 3 PHASE, 800 AMP SQUARE D #HCM DISTRIBUTION PANEL AND 480V, 3 PHASE, 600 AMP SQUARE D #NF PANELBOARD. DEMOLISH CONDUIT AND CONDUCTORS UP TO HORIZONTAL CONDUITS AT UNDERSIDE OF ROOF DECK. INSTALL JUNCTION BOX AND ABANDON WIRE IN JUNCTION BOX. PANEL IS FED FROM MAIN SERVICE GEAR AT FAR SOUTH END OF FACILITY. LABEL J-BOX AND SWITCHBOARD SCHEDULE AT EAST END OF FACILITY ACCORDINGLY.
- EXISTING BUS DUCT DISCONNECT SERVING DEMOLISHED COLUMN DISCONNECT SHALL REMAIN. PLUG DISCONNECT KNOCKOUT AFTER FEEDERS / CONDUIT HAVE BEEN DEMOLISHED.
- COLUMN MOUNTED 30A DISCONNECT TO BE DEMOLISHED. REMOVE CONDUIT AND CONDUCTORS TO BUS DUCT.
- EXISTING RTU THERMOSTAT THIS LOCATION SHALL REMAIN UNALTERED.
- COLUMN MOUNTED DISCONNECT TO BE DEMOLISHED. REMOVE CONDUIT AND CONDUCTORS TO BUS DUCT IN ADJACENT SPACE.
- REMOVE EXISTING PANELBOARD AND REPLACE WITH NEW AT SAME LOCATION. DISCONNECT EXISTING FEEDERS AND BRANCH CIRCUITS AND COIL UP FOR CONNECTION TO NEW PANEL.
- DEMOLISH WALL MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK. CONTRACTOR SHALL ALSO DEMOLISH EXISTING ELECTRICAL DISCONNECT AND REMOVE CONDUIT/CONDUCTORS TO THE BUS DUCT DISCONNECT THAT SERVES THIS EXHAUST FAN. RELABEL ASSOCIATED BREAKER IN ELECTRICAL PANEL AS A SPARE.



DEMO MECHANICAL & ELECTRICAL PLAN - FIRST FLOOR

1/16" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
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JEFFERSON CITY, MO. 65109

PROJECT # O2534-01
SITE # 1046
ASSET # 3101046002

REVISION	DATE

ISSUE DATE: 09/14/2026

CAD DWG FILE: O2534-01_DME100
DRAWN BY: CKT
CHECKED BY: SLF
DESIGNED BY: TE / CEI

SHEET TITLE:
DEMO MECHANICAL
& ELECTRICAL PLAN
- FIRST FLOOR

SHEET NUMBER:
MED-100
SHEET 8 OF 15
ISSUE DATE: 09/14/2026

GENERAL PLAN NOTES

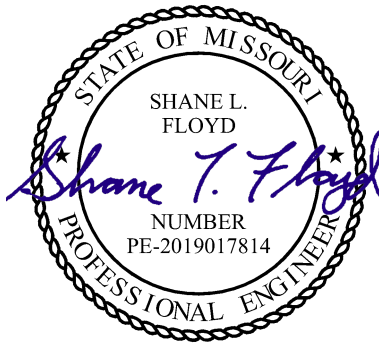
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KEYED NOTES

1. EXISTING ROOF GRAVITY VENTILATOR ASSOCIATED DUCTWORK/AIR DEVICES TO REMAIN.
2. ABANDON EXISTING DUCT IN PLACE ABOVE CEILING. ASSOCIATED EXISTING AIR DEVICES IN CEILING OF THESE ROOMS TO BE ABANDONED IN PLACE.
3. EXISTING SUPPLY / RETURN AIR DUCTWORK AND ASSOCIATED AIR DEVICES TO REMAIN UNALTERED.
4. DEMOLISH RTU TEMPERATURE SENSOR THIS APPROXIMATE LOCATION. DEMOLISH CONTROL WIRE, PATCH AND PAINT WALL.
5. DEMOLISH THERMOSTAT THIS APPROXIMATE LOCATION. REMOVE CONTROL WIRE. PATCH AND PAINT WALL.
6. ROOF GRAVITY VENTILATOR ASSOCIATED DUCTWORK/AIR DEVICES SHALL BE DEMOLISHED. DUCT DIMENSIONS ARE APPROXIMATELY 43"x43"
7. DEMOLISH RA DUCT TO UNDERSIDE OF ROOF DECK AND PREPARE FOR NEW CONNECTION
8. DEMOLISH TO WALL AND CAP EXISTING DUCT.
9. DEMOLISH EXISTING TRANSFER GRILLES AND PATCH WALL
10. DEMOLISH THERMOSTAT. CONTROL WIRE TO REMAIN FOR NEW CONNECTION.
11. MINI-SPLIT CEILING CASSETTE (ETR).
12. EXISTING AIR DEVICES TO BE ABANDONED IN PLACE.



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SITE # 1046
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ISSUE DATE: 09/14/2026

CAD DWG FILE: O2534-01_DME200
DRAWN BY: CKT
CHECKED BY: SLF
DESIGNED BY: TE / CEI

SHEET TITLE:
DEMO MECHANICAL
& ELECTRICAL PLAN
- SECOND FLOOR

SHEET NUMBER:
MED-200
SHEET 9 OF 15
ISSUE DATE: 09/14/2026

GENERAL PLAN NOTES

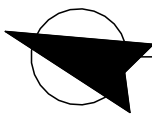
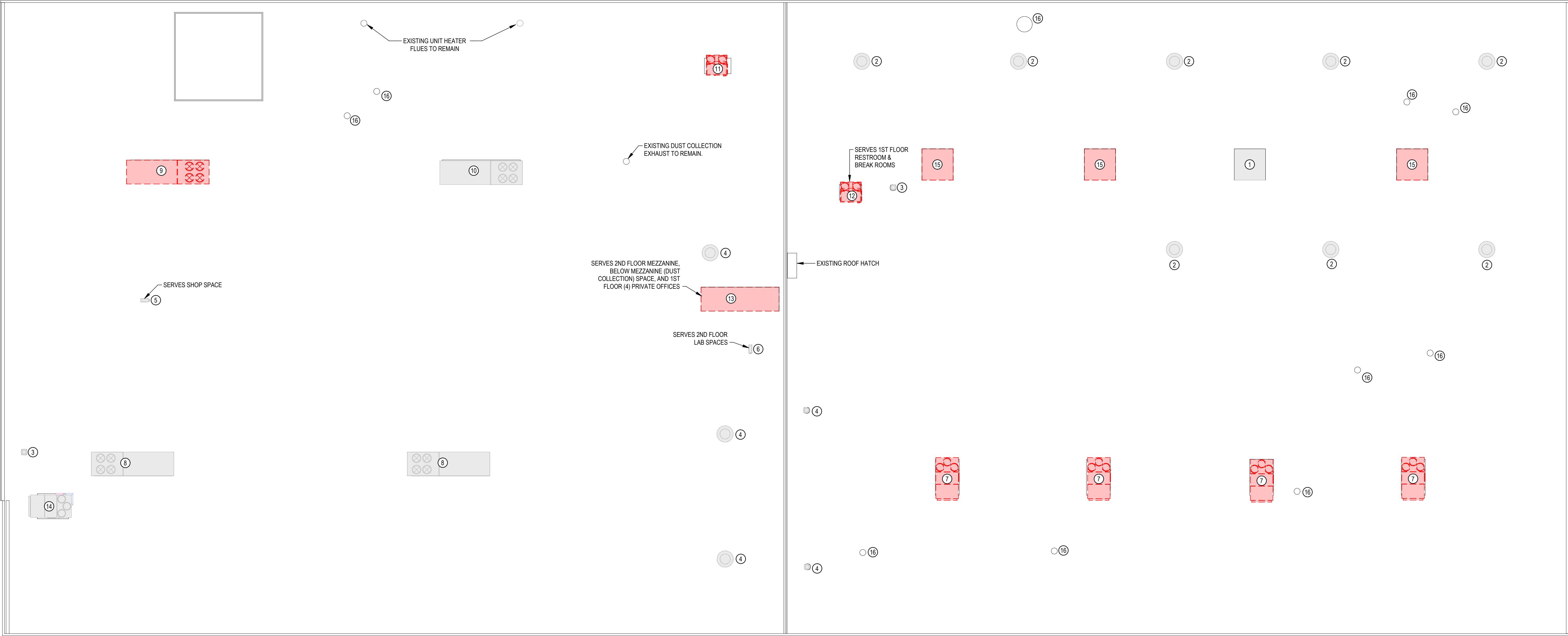
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KEYED NOTES

1. EXISTING ROOF MAKE-UP AIR FAN TO REMAIN UNALTERED. EXISTING CURB DIMENSIONS ARE (LxWxH) = 43x43x10".
2. EXISTING ROOF MOUNTED DOWNBLAST EXHAUST FAN TO REMAIN. EXISTING CURB DIMENSIONS ARE (LxWxH) = 56.5x56.5x10".
3. EXISTING DOWNBLAST EXHAUST FAN TO REMAIN.
4. EXISTING ROOF MOUNTED DOWNBLAST EXHAUST FAN TO REMAIN. EXISTING CURB DIMENSIONS ARE (LxW) = 40x40".
5. EXISTING 1 TON FUJITSU DX HEAT PUMP TO REMAIN.
6. EXISTING 3 TON FUJITSU DX HEAT PUMP TO REMAIN.
7. DEMOLISH 30 TON PACKAGED ROOFTOP UNIT, EXISTING RTU CURB TO REMAIN. EXISTING CURB (LxWxH) = 109x93x8" TO REMAIN. EXISTING GAS AND ELECTRICAL UTILITIES ARE FROM BELOW, THRU THE CURB. DEMOLISH DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH GAS PIPING TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH ALL ASSOCIATED CONDENSATE PIPING.
8. EXISTING 50 TON PACKAGED ROOFTOP UNIT TO REMAIN. EXISTING ORIGINAL CURB (LxWxH) = 300x86.5x18"
9. DEMOLISH ~55 TON PACKAGED ROOFTOP UNIT, EXISTING RTU CURB TO REMAIN. PREPARE FOR NEW CONNECTION. EXISTING ORIGINAL CURB (LxWxH) = 300x86x18" SHALL REMAIN. EXISTING GAS AND ELECTRICAL UTILITIES ARE FROM BELOW, THRU THE CURB. DEMOLISH DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH GAS PIPING TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH ASSOCIATED CONDENSATE PIPING.
10. EXISTING 50 TON (TRANE) PACKAGED ROOFTOP UNIT TO REMAIN.

KEYED NOTES

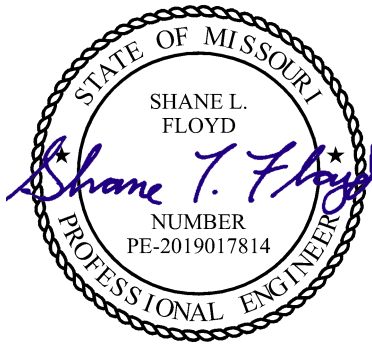
11. DEMOLISH ~12.5 TON PACKAGED ROOFTOP UNIT. EXISTING CURB (LxWxH) = 92x63x12" TO REMAIN. EXISTING GAS AND ELECTRICAL UTILITIES ARE FROM BELOW, THRU THE CURB. DEMOLISH DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH GAS PIPING TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH ALL ASSOCIATED CONDENSATE PIPING.
12. DEMOLISH 12.5 TON PACKAGED ROOFTOP UNIT. EXISTING CURB (LxWxH) = 22x62x8" TO REMAIN. EXISTING GAS AND ELECTRICAL UTILITIES ARE FROM BELOW, THRU THE CURB. DEMOLISH DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH GAS PIPING TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH ALL ASSOCIATED CONDENSATE PIPING. REMOVE EXISTING HUB DRAIN.
13. DEMOLISH ~37 TON PACKAGED ROOFTOP UNIT. EXISTING CURB (LxWxH) = 265x96x16" TO REMAIN. EXISTING GAS AND ELECTRICAL UTILITIES ARE FROM BELOW, THRU THE CURB. DEMOLISH DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH GAS PIPING TO BELOW CEILING AND PREPARE FOR NEW CONNECTION. DEMOLISH ALL ASSOCIATED CONDENSATE PIPING. REMOVE EXISTING HUB DRAIN.
14. EXISTING 15 TON PACKAGED ROOFTOP UNIT TO REMAIN UNALTERED.
15. DEMOLISH EXISTING ROOF MAKE-UP AIR FAN AND CAP VENTILATOR CURB. DEMO ALL ASSOCIATED DUCTWORK/AIR DEVICES AND DEMOLISH CONDUIT AND CONDUCTORS TO NEAREST J-BOX. EXISTING CURB DIMENSIONS ARE (LxWxH) = 43x43x10"
16. EXISTING PIPE PENETRATION THRU ROOF SHALL BE EXISTING TO REMAIN.



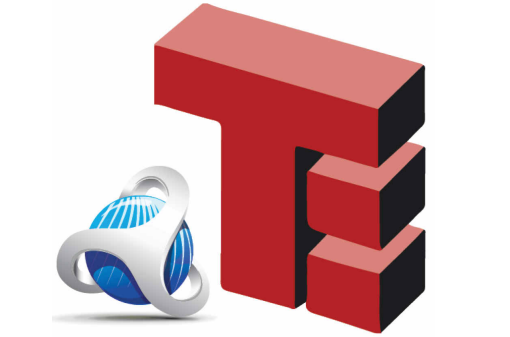
DEMO MECHANICAL & ELECTRICAL PLAN - ROOF

1/16" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
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912 Old Hwy 63 S.
Columbia, Missouri 65203
573.875.4365
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FAIRGROUNDS WAREHOUSE

1535 FAIRGROUNDS RD.
JEFFERSON CITY, MO. 65109

PROJECT # 02534-01
SITE # 1046
ASSET # 3101046002

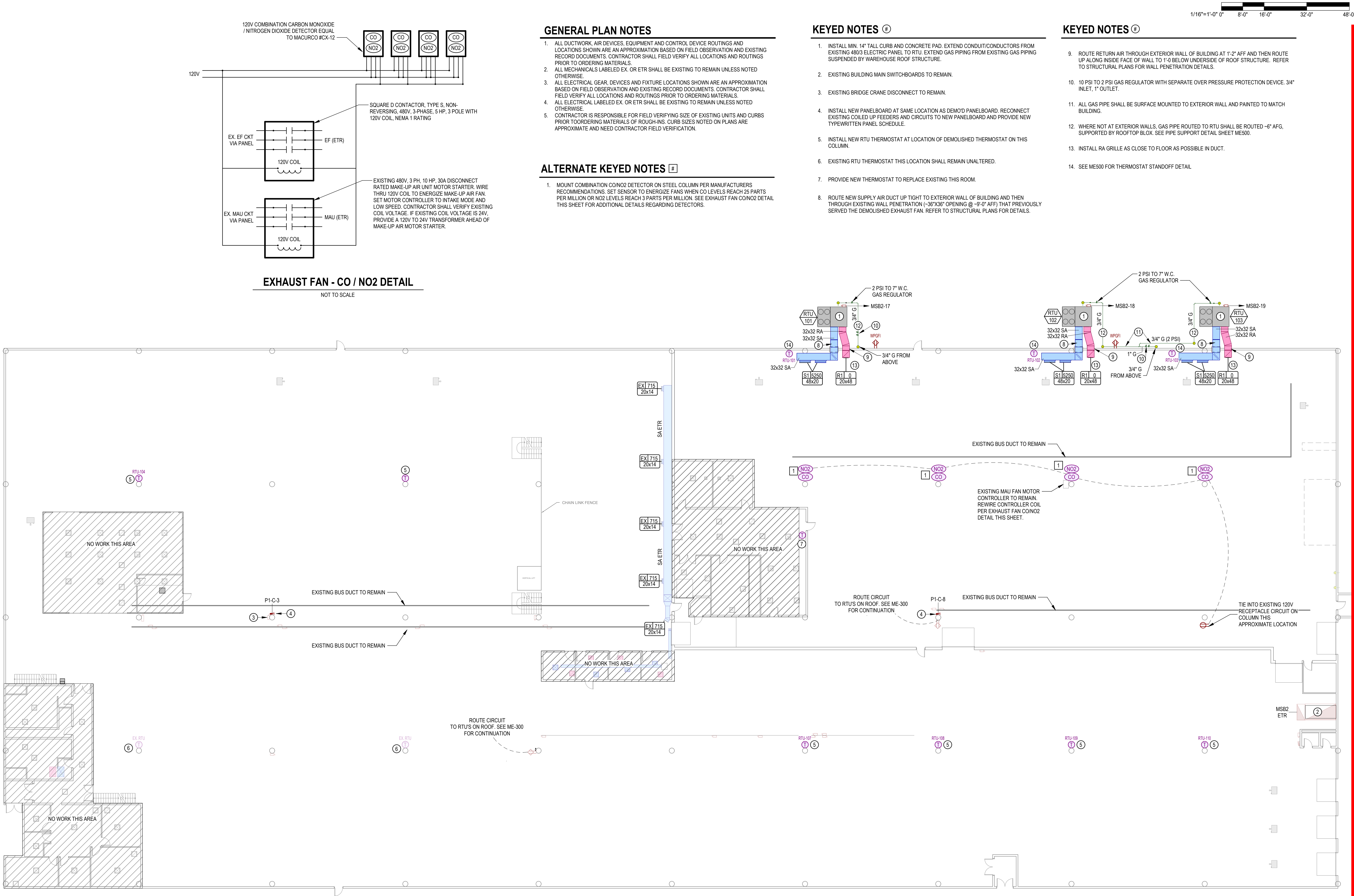
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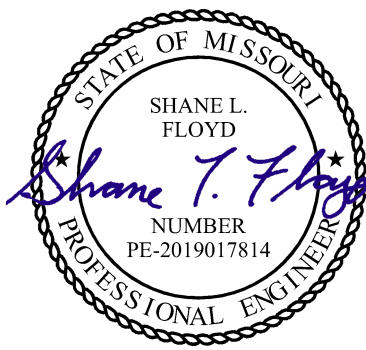
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SHEET TITLE:
**DEMO MECHANICAL
& ELECTRICAL PLAN
- ROOF**

SHEET NUMBER:
MED-300
SHEET 10 OF 15
ISSUE DATE: 09/14/2026



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ISSUE DATE: 09/14/2026

CAD DWG FILE: O2534-01_ME100
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SHEET TITLE:
**MECHANICAL &
ELECTRICAL PLAN -
FIRST FLOOR**

SHEET NUMBER:
ME-100
SHEET 11 OF 15
ISSUE DATE: 09/14/2026



- ## KEYED NOTES

- STATE OF MISSOURI**
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PROJECT # O2534-01
SITE # 1046
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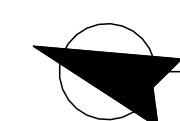
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SHEET TITLE:
**MECHANICAL &
ELECTRICAL PLAN -
SECOND FLOOR**

SHEET NUMBER:

ME-200

SHEET 12 OF 15
ISSUE DATE: 09/14/2026



MECHANICAL & ELECTRICAL PLAN - SECOND FLOOR

1/16" = 1'-0"

GENERAL PLAN NOTES

- ALL DUCTWORK, AIR DEVICES, EQUIPMENT AND CONTROL DEVICE ROUTINGS AND LOCATIONS SHOWN ARE AN APPROXIMATION BASED ON FIELD OBSERVATION AND EXISTING RECORD DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND ROUTINGS PRIOR TO ORDERING MATERIALS.
- ALL MECHANICALS TAGGED EX. OR ETR SHALL BE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- ALL ELECTRICAL GEAR, DEVICES AND FIXTURE LOCATIONS SHOWN ARE AN APPROXIMATION BASED ON FIELD OBSERVATION AND EXISTING RECORD DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND ROUTINGS PRIOR TO ORDERING MATERIALS.
- ALL ELECTRICAL TAGGED EX. OR ETR SHALL BE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING SIZE OF EXISTING UNITS AND CURBS PRIOR TO ORDERING MATERIALS OF ROUGH-INS. CURB SIZES NOTED ON PLANS ARE APPROXIMATE AND NEED CONTRACTOR FIELD VERIFICATION.

KEYED NOTES

- EXISTING 1 TON FUJITSU DX HEAT PUMP TO REMAIN.
- EXISTING 3 TON FUJITSU DX HEAT PUMP TO REMAIN.
- EXISTING DOWNBLAST EXHAUST FAN TO REMAIN. CONTRACTOR SHALL PERFORM MANUFACTURER RECOMMENDED ANNUAL MAINTENANCE AND ENSURE FAN IS IN GOOD WORKING ORDER. PROVIDE LIST OF ANY DEFICIENCIES TO OWNERS REPRESENTATIVE PRIOR TO MAKING REPAIRS.
- EXISTING 50 TON (TRANE) PACKAGED ROOFTOP UNIT TO REMAIN.
- PROVIDE CURB ADAPTER TO BE INSTALLED ON EXISTING CURB. EXISTING CURB DIMENSIONS LxWxH = 300x86x18". TIE INTO EXISTING GAS PIPING BELOW ROOF AND EXTEND THRU SIDE OF EXISTING ROOF CURB TO NEW RTU GAS CONNECTION. PROVIDE NEW VENTED REGULATOR AND SHUTOFF VALVE. EXTEND CONDUIT/CONDUCTORS THRU SIDE OF EXISTING CURB TO NEW FACTORY MOUNTED DISCONNECT.
- EXISTING 50 TON PACKAGED ROOFTOP UNIT TO REMAIN. EXISTING ORIGINAL CURB (LxWxH) = 300x86.5x18". PROVIDE ALL NEW CONDENSATE PIPING, SIZED PER MANUFACTURER INSTALLATION REQUIREMENTS AND INSTALL PER DETAIL ON SHEET ME500. CONTRACTOR SHALL PERFORM MANUFACTURER RECOMMENDED ANNUAL MAINTENANCE AND ENSURE UNIT IS IN GOOD WORKING ORDER. PROVIDE LIST OF ANY DEFICIENCIES TO OWNERS REPRESENTATIVE PRIOR TO MAKING REPAIRS.
- EXISTING 15 TON PACKAGED ROOFTOP UNIT TO REMAIN UNALTERED. EXISTING CURB IS (LxWxH) = 82x77x8" WITH ELECTRICAL UTILITIES THRU THE CURB. PROVIDE ALL NEW CONDENSATE PIPING, SIZED PER MANUFACTURER INSTALLATION REQUIREMENTS AND INSTALL PER DETAIL ON SHEET ME500. CONTRACTOR SHALL PERFORM MANUFACTURER RECOMMENDED ANNUAL MAINTENANCE AND ENSURE UNIT IS IN GOOD WORKING ORDER. PROVIDE LIST OF ANY DEFICIENCIES TO OWNERS REPRESENTATIVE PRIOR TO MAKING REPAIRS.

KEYED NOTES

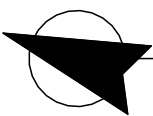
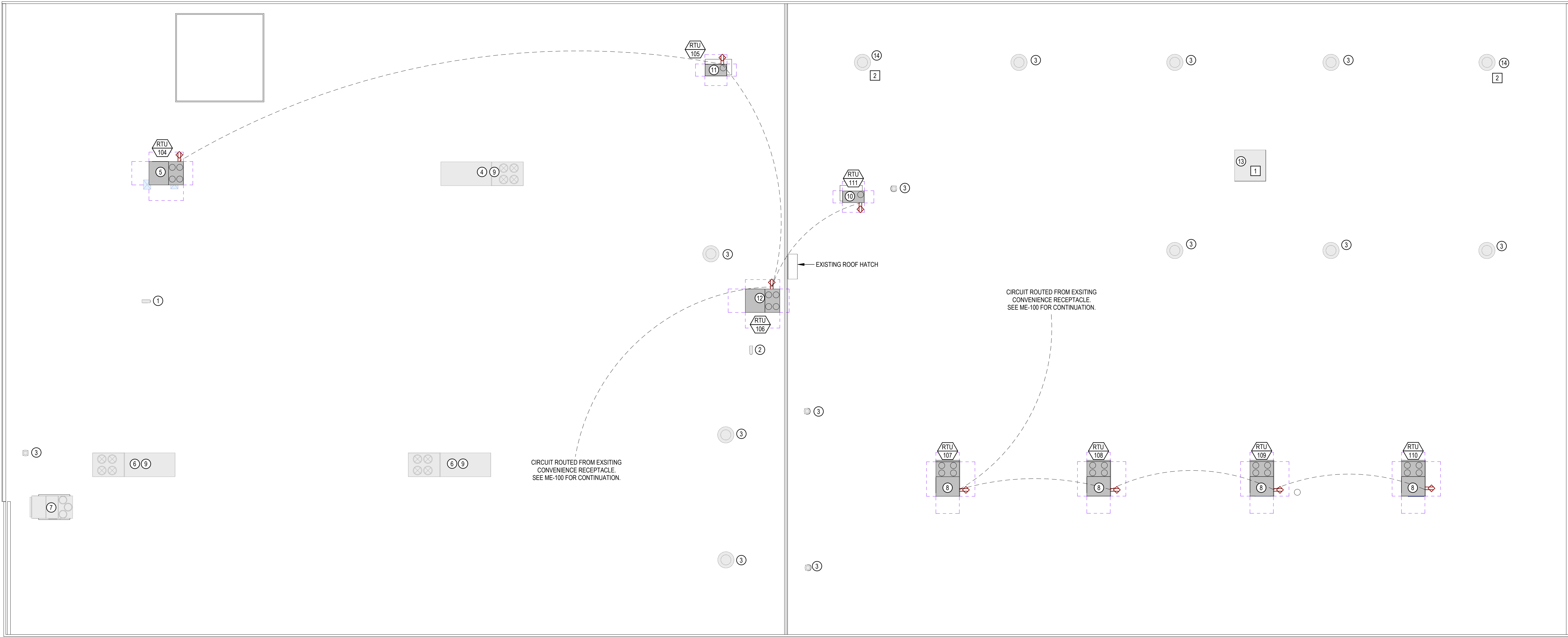
- PROVIDE CURB ADAPTER TO BE INSTALLED ON EXISTING CURB. EXISTING CURB DIMENSIONS LxWxH = 109x93x8". TIE INTO EXISTING GAS PIPING BELOW ROOF AND EXTEND THRU SIDE OF EXISTING ROOF CURB TO NEW RTU GAS CONNECTION. PROVIDE NEW VENTED REGULATOR AND SHUTOFF VALVE. EXTEND CONDUIT/CONDUCTORS THRU SIDE OF EXISTING CURB TO NEW FACTORY MOUNTED DISCONNECT.
- REBALANCE OUTSIDE AIR OF EXISTING RTU TO BE 1,550 CFM
- PROVIDE CURB ADAPTER TO BE INSTALLED ON EXISTING CURB. EXISTING CURB DIMENSIONS 82x62x8". TIE INTO EXISTING GAS PIPING STUBBED THRU SIDE OF EXISTING CURB AND EXTEND TO NEW RTU GAS CONNECTION. PROVIDE NEW VENTED REGULATOR AND SHUTOFF VALVE. EXTEND CONDUIT/CONDUCTORS THRU SIDE OF EXISTING CURB TO NEW DISCONNECT.EXTEND CONDUIT / CONDUCTORS TO NEW RTU ELECTRICAL CONNECTION LOCATION.
- PROVIDE CURB ADAPTER TO BE INSTALLED ON EXISTING CURB. EXISTING CURB DIMENSIONS 92x63x8". TIE INTO EXISTING GAS PIPING STUBBED THRU SIDE OF EXISTING CURB AND EXTEND TO NEW RTU GAS CONNECTION. PROVIDE NEW VENTED REGULATOR AND SHUTOFF VALVE. EXTEND CONDUIT/CONDUCTORS THRU SIDE OF EXISTING CURB TO NEW DISCONNECT.EXTEND CONDUIT / CONDUCTORS TO NEW RTU ELECTRICAL CONNECTION LOCATION.
- PROVIDE CURB ADAPTER TO BE INSTALLED ON EXISTING CURB. EXISTING CURB DIMENSIONS 26x96x16". TIE INTO EXISTING GAS PIPING STUBBED THRU SIDE OF EXISTING CURB AND EXTEND TO NEW RTU GAS CONNECTION. PROVIDE NEW VENTED REGULATOR AND SHUTOFF VALVE. EXTEND CONDUIT/CONDUCTORS THRU SIDE OF EXISTING CURB TO NEW DISCONNECT.EXTEND CONDUIT / CONDUCTORS TO NEW RTU ELECTRICAL CONNECTION LOCATION.
- EXISTING MAKE-UP AIR FAN WITH FILTERED INTAKE HOOD TO REMAIN. EXISTING CURB DIMENSIONS ARE (LxWxH) = 43x43x10". REPLACE EXISTING FILTERS AND PERFORM MANUFACTURER RECOMMENDED ANNUAL MAINTENANCE TO ENSURE UNIT IS IN GOOD WORKING ORDER. PROVIDE LIST OF DEFICIENCIES TO OWNER PRIOR TO MAKING REPAIRS. SET TO LOW SPEED, 20,000 CFM AT 0.25" ESP.

KEYED NOTES

- EXISTING ROOF MOUNTED DOWNBLAST EXHAUST FAN TO REMAIN. EXISTING CURB DIMENSIONS ARE (LxWxH) = 58.5x56.5x10". CONTRACTOR SHALL PERFORM MANUFACTURER RECOMMENDED ANNUAL MAINTENANCE AND ENSURE FAN IS IN GOOD WORKING ORDER. REPLACE BELTS AND SHEAVES AS REQUIRED TO BALANCE TO 20,000 CFM.

ALTERNATE KEYED NOTES

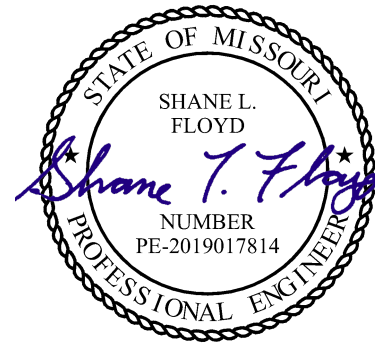
- REWIRE EXISTING MAKE-UP AIR FAN PER EXHAUST FAN DETAIL THIS SHEET.
- WIRE EXISTING FAN CIRCUIT THROUGH CONTRACTOR PER EXHAUST FAN - CO / NO2 DETAIL ON SHEET ME100.



MECHANICAL & ELECTRICAL PLAN - ROOF

1/16" = 1'-0"

STATE OF MISSOURI
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A Custom Engineering Company

912 Old Hwy 63 S.
Columbia, Missouri 65203
573.875.4355
www.CUSTOMENG.com

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PROJECT # O2534-01
SITE # 1046
ASSET # 3101046002

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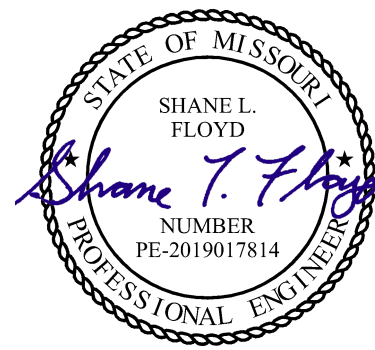
ISSUE DATE: 09/14/2026

CAD DWG FILE: O2534-01_ME300
DRAWN BY: CKT
CHECKED BY: SLF
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SHEET TITLE:
**MECHANICAL &
ELECTRICAL PLAN -
ROOF**

SHEET NUMBER:

ME-300
SHEET 13 OF 15
ISSUE DATE: 09/14/2026



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A Custom Engineering Company

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SITE # 1046
ASSET # 3101046002

REVISION	DATE

ISSUE DATE: 09/14/2026

CAD DWG FILE: 02534-01_ME600
DRAWN BY: CKT
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SHEET TITLE:
MECHANICAL &
ELECTRICAL
SCHEDULES

SHEET NUMBER:
ME-600
SHEET 15 OF 15
ISSUE DATE: 09/14/2026

PACKAGED EQUIPMENT SCHEDULE																															
MARK	MANUFACTURER	MODEL	AREA SERVED	SUPPLY				DX COOLING										NATURAL GAS HEATING				OUTDOOR AIR		ELECTRICAL				DIMENSIONS (HxWxL)	OPERATING WEIGHT (LBS.)	NOTES	
				AIRFLOW (CFM)	EXT. S.P. (IN-WG)	MOTOR (HP)	MOTOR QUANTITY	NOMINAL TONS	TOTAL (MBH)	SENSIBLE (MBH)	AIR TEMP. (°F DB/WB)		EFFICIENCY EER	COMPRESSOR			AMBIENT (°F)	INPUT (MBH)	OUTPUT (MBH)	STAGES	AIR TEMP. (°F)		DESIGN AIRFLOW (CFM)	AMBIENT TEMP. (°F)	VOLTS	Ø	MCA (AMPS)				MOCp (AMPS)
											ENT.	LVG.		STAGES	QTY	REFRIGERANT					ENT.	LVG.									
RTU-101	TRANE	YCH360D4H*1A1AC800	SE WAREHOUSE	10500	0.5	7.5	3	30	372.03	273.48	80 / 67	57.18 / 56.07	10.7	4	3	R-454B	95	600	486	2	70	113.05	1250	95	480	3	77	90	5.3x6.25x16.5	5130	1,2,3,4,5,6,7
RTU-102	TRANE	YCH360D4H*1A1AC800	SE WAREHOUSE	10500	0.5	7.5	3	30	372.03	273.48	80 / 67	57.18 / 56.07	10.7	4	3	R-454B	95	600	486	2	70	113.05	1250	95	480	3	77	90	5.3x6.25x16.5	5130	1,2,3,4,5,6,7
RTU-103	TRANE	YCH360D4H*1A1AC800	SE WAREHOUSE	10500	0.5	7.5	3	30	372.03	273.48	80 / 67	57.18 / 56.07	10.7	4	3	R-454B	95	600	486	2	70	113.05	1250	95	480	3	77	90	5.3x6.25x16.5	5130	1,2,3,4,5,6,7
RTU-104	TRANE	YSK300A4S0M**D0	NE WAREHOUSE	8750	0.5	3	3	25	280.31	206.22	80 / 67	59.69 / 57.21	9.8	4	2	R-454B	95	320	259.2	2	65	92.16	1550	95	480	3	59	80	5x7.25x10.25	2419	1,2,3,4,5,6,8,9
RTU-105	TRANE	GDK036A4EMA**C0	E - MEZZANINE ROOMS	1200	0.5	1	1	3	39.11	29.52	80 / 67	58.53 / 56.83	12	1	1	R-454B	95	100	80	2	70	131.44	125	95	480	3	11	15	3.5x4x6.4	718	1,2,3,4,6,8,9
RTU-106	TRANE	YSK180A4S0M**D0	MEZZANINE ABOVE & BELOW	5250	0.5	3	3	15	183.58	135.2	80 / 67	57.55 / 56.12	10.8	3	2	R-454B	95	320	259.2	2	65	110.1	690	95	480	3	40	50	5x7.25x10.25	2269	1,2,3,4,5,6,8,9
RTU-107	TRANE	YSK210A4S0M**D0	SW WAREHOUSE	6125	0.5	3	2	17.5	212.54	155.66	80 / 67	57.84 / 56.2	10.8	3	2	R-454B	95	320	259.2	2	65	103.68	975	95	480	3	47	60	5x7.25x10.25	2299	1,2,3,4,5,6,8,9
RTU-108	TRANE	YSK210A4S0M**D0	SW WAREHOUSE	6125	0.5	3	2	17.5	212.54	155.66	80 / 67	57.84 / 56.2	10.8	3	2	R-454B	95	320	259.2	2	65	103.68	975	95	480	3	47	60	5x7.25x10.25	2299	1,2,3,4,5,6,8,9
RTU-109	TRANE	YSK210A4S0M**D0	SW WAREHOUSE	6125	0.5	3	2	17.5	212.54	155.66	80 / 67	57.84 / 56.2	10.8	3	2	R-454B	95	320	259.2	2	65	103.68	975	95	480	3	47	60	5x7.25x10.25	2299	1,2,3,4,5,6,8,9
RTU-110	TRANE	YSK240A4S0M**D0	SW WAREHOUSE	7000	0.5	3	2	20	244.26	175.25	80 / 67	58.34 / 56.21	9.8	4	2	R-454B	95	320	259.2	2	65	98.87	970	95	480	3	55	70	5x7.25x10.25	5130	1,2,3,4,5,6,8,9
RTU-111	TRANE	GDK060A4EMA**C0	CENTRAL RR & BREAK ROOM	2000	0.5	3	1	5	61.90	47.24	80 / 67	59.94 / 57.67	12	1	1	R-454B	95	115	92	2	70	112.40	135	95	480	3	13	15	3.5x4x6.4	780	1,2,3,4,5,6,8,9
_THE HVAC CONTRACTOR IS REQUIRED TO SEND THE ELECTRICIAN COPY OF SUBMITTAL DATA, CLEARLY INDICATING THE ELECTRICAL REQUIREMENTS FOR ALL HVAC EQUIPMENT. THIS MUST BE SENT WITHIN 1 WEEK OF RECEIPT OF SUBMITTAL APPROVAL.																										* OPERATING WEIGHT INCLUDES ALL ACCESSORIES, EQUIPMENT AND CURB, IF PROVIDED.					
NOTES: 1. FACTORY MOUNTED DISCONNECT, SS OR RESIN-BASED DRAIN PAN, AND HAIL GUARDS 2. PROVIDE FACTORY 7-DAY PROGRAMMABLE HEAT/COOL THERMOSTAT FOR HVAC SYSTEM. 3. EXTERNAL STATIC PRESSURE LISTED REPRESENTS STATIC PRESSURE REQUIRED FOR DUCTWORK AND DIFFUSERS OUTSIDE THE HVAC UNIT COMPLETELY INDEPENDANT OF ANY PRESSURE DROP THROUGH THE HVAC EQUIPMENT INCLUDING, BUT NOT LIMITED TO FILTERS AND COILS. THE FAN AND MOTOR SHALL BE SIZED APPROPRIATELY TO MEET THIS DEFINITION OF EXTERNAL STATIC PRESSURE. 4. ECONOMIZER WITH SINGLE DRY BULB CONTROL, SET TO ENABLE ECONOMIZER AT 65° OAT, AND BAROMETRIC RELIEF SIZED AT 100% OF SUPPLY FLOW. 5. RETURN DUCT SMOKE DETECTOR WIRE TO FAN STARTER TO SHUT UNIT DOWN AND SEND ALARM SIGNAL TO FIRE ALARM SYSTEM. 6. IECC 2018 COMPLIANT, WITH ECONOMIZER FAULT DETECTION AND NOTIFICATION. 7. WITH FACTORY 14" CURB 8. PROVIDE WITH GFCI PROTECTED CONVENIENCE RECEPTACLE, WIRED THRU WEATHERPROOF ROOF RECEPTACLE CIRCUIT AS SHOWN ON PLAN. 9. PROVIDE WITH FACTORY CURB ADAPTER.																															

DIFFUSERS, REGISTERS & GRILLES SCHEDULE												
MARK	DESCRIPTION	SERVICE	MANUFACTURER	MODEL	FACE SIZE	NECK SIZE	THROW	DAMPER	MOUNTING	MATERIAL	FINISH	NOTES
EX	EXISTING	SUPPLY	-	-	-	16x10	-	YES	DUCT	-	-	5
S1	HEAVY DUTY AIRFOIL DOUBLE DEFLECTION SUPPLY GRILLE	SUPPLY	PRICE	302D	50X22	48x20	99" @ 15 DEG.	YES	DUCT	STEEL	WHITE	1,4
S2	SQUARE PLAQUE DIFFUSER	SUPPLY	PRICE	SPD	24X24	80	7"	YES	CEILING	STEEL	WHITE	1,2
R1	HEAVY DUTY AIRFOIL RETURN GRILLE	RETURN	PRICE	301	22X50	20x48	-	NO	DUCT	STEEL	WHITE	1,3
R2	EGG CRATE GRILLE	RETURN	PRICE	80	24X24	22x22	-	NO	CEILING	ALUMINUM	WHITE	
NOTES: 1. PROVIDE DUCT CONNECTION SIZE AS INDICATED ON DRAWINGS. 2. PROVIDE MOLDED R-6 INSULATION BLANKET COVERING BACK OF CEILING DIFFUSER. 3. MOUNT GRILLE WITH BLADE OPENINGS DIRECTED TOWARD ROOF. 4. WITH OPPOSED BLADE DAMPER. 5. REBALANCE TO INDICATED CFM												

SWITCHBOARD: MSB2						
LOCATION: SUPPLY FROM: MOUNTING: FLOOR ENCLOSURE: TYPE I			VOLTS: 480/277 WYE PHASES: 3 WIRES: 4		A.I.C. Rating: 22kA TYPE: MLO RATING: 2000 A	
CKT	CIRCUIT DESCRIPTION	POLES	FRAME	TRIP	LOAD (AMPS)	REMARKS
1	'A' (TURNED OFF)	3	250 A	250 A	0	
2	UNLABELED (TURNED OFF)	3	250 A	250 A	0	
3	'B' (TURNED OFF)	3	150 A	150 A	0	
4	UNLABELED (TURNED OFF)	3	600 A	600 A	0	
5	SPACE	3	-	-	-	
6	UNLABELED	3	800 A	800 A	0	
7	UNLABELED (TURNED OFF)	3	800 A	800 A	0	
8	UNLABELED (TURNED OFF)	3	200 A	200 A	0	
9	SPACE	3	-	-	-	
10	UNLABELED (TURNED OFF)	3	60 A	40 A	0	
11	UNLABELED (TURNED OFF)	3	60 A	40 A	0	
12	ROBOT PANEL (TURNED OFF)	3	60 A	60 A	0	
13	220V TRANSFORMER (TURNED OFF)	3	60 A	60 A	0	
14	'RZNC #1' (TURNED OFF)	3	150 A	125 A	0	
15	'RZNC #2' (TURNED OFF)	3	150 A	125 A	0	
16	360V TRANSFORMER (TURNED OFF)	3	150 A	150 A	0	
17	RTU-101	3	100 A	90 A	77	NEW BREAKER IN EX. SPACE
18	RTU-102	3	100 A	90 A	77	NEW BREAKER IN EX. SPACE
19	RTU-103	3	100 A	90 A	77	NEW BREAKER IN EX. SPACE
20						
TOTAL CONNECTED LOAD (AMPS):					230.9	
TOTAL CONNECTED LOAD (VA):					191961	
NOTES: EXISTING SQUARE D QED-2 SWITCHBOARD. PROVIDE NEW BREAKERS FOR CIRCUITS INDICATED.						

PANELBOARD: P1-C-3									
LOCATION: COLUMN C-3					VOLTS: 480/277 WYE			A.I.C. RATING: 22kA	
					PHASES: 3			TYPE: MLO	
MOUNTING: STEEL COLUMN					WIRES: 4			RATING: 225 A	
ENCLOSURE: NEMA 1									
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A		POLES	TRIP	CIRCUIT DESCRIPTION	CKT
1	POWDER	20	1	0	0	1	20	POWDER	2
3	POWDER	20	1			1	20	TAMAGAWA	4
5	TAMAGAWA	20	1	0	0	1	20	TAMAGAWA	6
7	STORAGE RACKS	20	1			1	20	STORAGE RACKS	8
9	STORAGE RACKS	20	1	0	0	1	20	DORST	10
11	DORST	20	1			1	20	DORST	12
13	MAINTENANCE	20	1	0	0	1	20	MAINTENANCE	14
15	SOUTHWEST FLUORESCENTS	20	1			1	20	NORTHWEST FLUORESCENTS	16
17	SPARE	20	1	0	0	1	20	SPARE	18
19	SPARE	20	1			1	20	SPARE	20
21	QC OFFICE	20	1	0	0	1	20	SPARE	22
23	CRIB	20	1			1	20	SPARE	24
25	SPARE	20	1	0	0	1	20	PRODUCTION OFFICE	26
27	SPARE	20	1			1	20	OFFICE	28
29	NIGHT LIGHTS/ OUTSIDE LIGHTS	20	1	0	0	1	20	TAWAGAWA	30
31	N/C AREA	20	1			1	20	MAIN AISLE	32
33	SPARE	20	1	0	0	1	20	SPARE	34
35	SPARE	20	1			1	20	SPARE	36
37	SPARE	20	1	0	0	1	20	SPARE	38
39	SPARE	20	1			1	20	SPARE	40
41	SPARE	20	1	0	0	1	20	SPARE	42
TOTAL CONNECTED LOAD (AMPS):				0					
TOTAL CONNECTED LOAD (VA):				0					
CALCULATED DEMAND:				0 A					
NOTES: NARROW COLUMN WIDTH TYPE EQUAL TO SQUARE D NF8442L2C									

PANELBOARD: P1-C-8										
LOCATION: COLUMN C-8					VOLTS: 480/277 WYE			A.I.C. RATING: 22kA		
					PHASES: 3			TYPE: MLO		
MOUNTING: STEEL COLUMN					WIRES: 4			RATING: 225 A		
ENCLOSURE: NEMA 1										
CKT	CIRCUIT DESCRIPTION		TRIP	POLES	A		POLES	TRIP	CIRCUIT DESCRIPTION	CKT
1	200 TON		20	1	0	0	1	20	200 TON	2
3	200 TON		20	1			1	20	100 TON	4
5	100 TON		20	1	0	0	1	20	100 TON	6
7	DOOR ENTRY		20	1			1	20	LATHE 2 ENTRY	8
9	LATHE 1 ENTRY		20	1	0	0	1	20	DOCK	10
11	EXTRUDER AND DOCK		20	1			1	20	EXTRUDER	12
13	500 TON, LIGHTS 15		20	1	0	0	1	20	SPARE	14
15	SHAPES, AISLE 15		20	1			1	20	BATHROOM 16	16
17	CAFE LIGHTS		20	1	0	0	1	20	CAFE LIGHTS	18
19	FLUORESCENTS		20	1			1	20	SOUTHWEST PM 20	20
21	SPARE		20	1	0	0	1	20	SPARE	22
23	SPARE		20	1			1	20	SPARE	24
25	SPARE		20	1	0	0	1	20	SPARE	26
27	SPARE		20	1			1	20	SPARE	28
29	SPARE		20	1	0	0	1	20	SPARE	30
31	SPARE		20	1			1	20	SPARE	32
33	SPARE		20	1	0	0	1	20	SPARE	34
35	SPARE		20	1			1	20	SPARE	36
37	SPARE		20	1	0	0	1	20	SPARE	38
39	SPARE		20	1			1	20	SPARE	40
41	SPARE		20	1	0	0	1	20	SPARE	42
TOTAL CONNECTED LOAD (AMPS):					0					
TOTAL CONNECTED LOAD (VA):					0					
CALCULATED DEMAND:					0 A					
NOTES:										
NARROW COLUMN WIDTH TYPE EQUAL TO SQUARE D NF8442L2C										