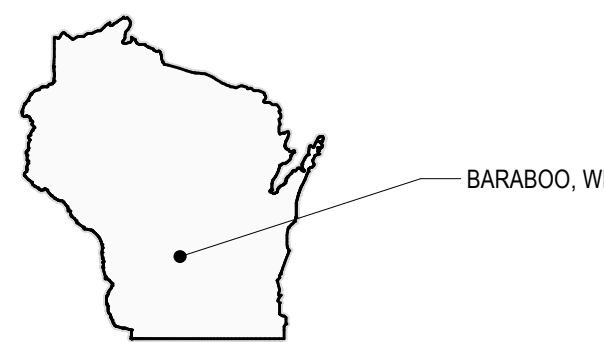
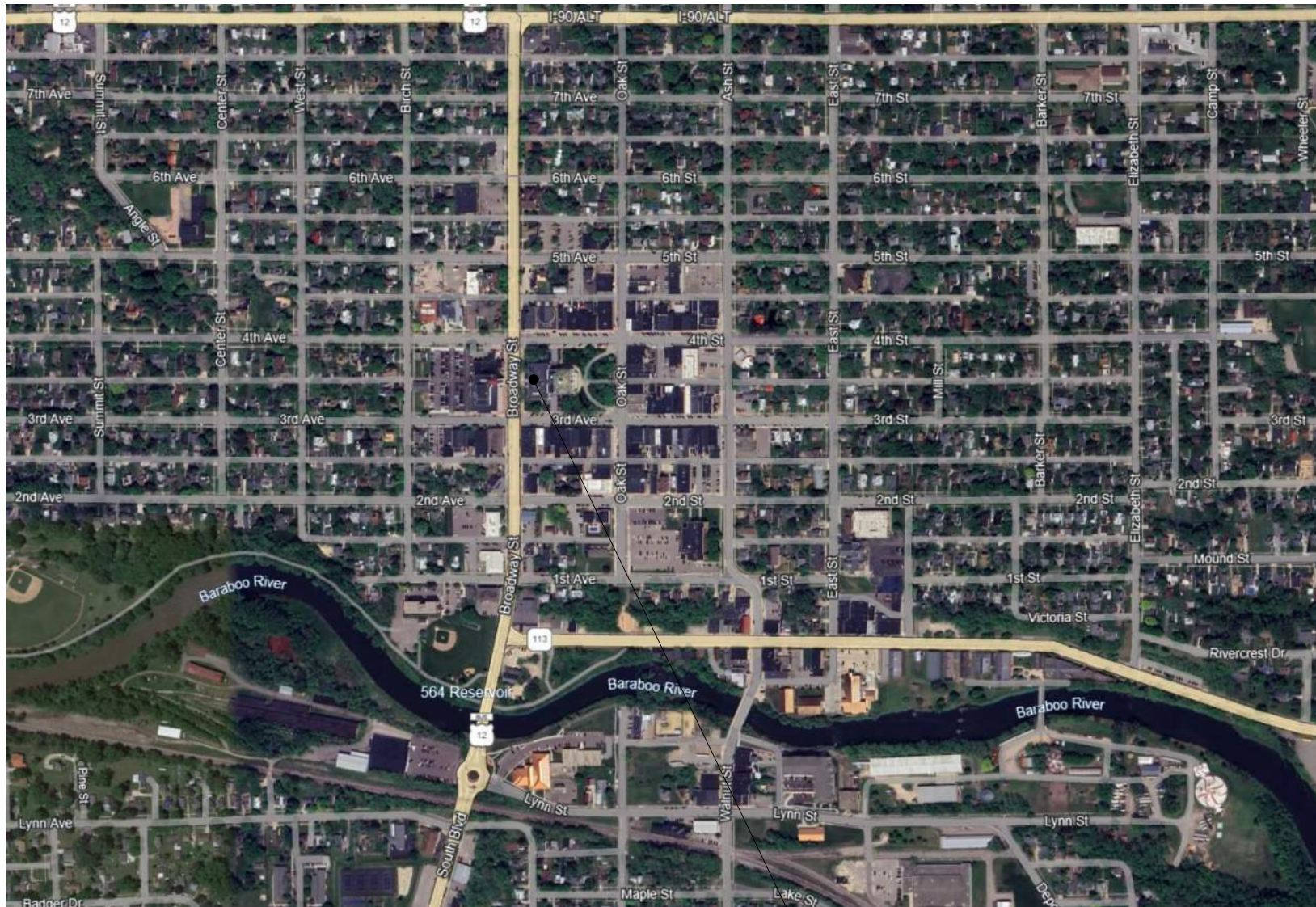


SITE LOCATION MAP



DESIGN TEAM

ARCHITECTURAL DESIGN, MECHANICAL AND
ELECTRICAL ENGINEERING
STRANG, INC.

STRUCTURAL ENGINEERING
CORE 4 ENGINEERING, INC.

CODE INFORMATION

PROJECT SCOPE:
The scope includes but is not limited to equipment replacement and partial conversion to a Variable Air Volume system, lighting and controls, power, fire alarm, and removal and replacement of ceilings. Work shown in the following documents does not change size / area of building, egress or occupancy. Work will be completed in (3) phases: Starting in the Basement level and west part of First floor (Phase 1), then in the east part of First floor and all of Second floor (Phase 2), and lastly in Third floor and on Roof level and in Penthouse (Phase 3).

HISTORIC INFORMATION:
The original 1906 Court house, and 1963 Annex Building including the connection between the two predates the requirements of 2021 IBC Table 1020.2 and are considered still under the code in effect at the time of construction (1906 & 1963) which is silent on the need for fire resistance rating of corridors. Since the building use is not changing and the rooms will not be reconstructed beyond standard maintenance and repair or limited alterations, the rooms are not required to meet the fire separation requirements of 2021 IBC (Tables 1020.2, 508.4 & 509.1). In reviewing the various construction documents provided to us, no subsequent alterations that would have altered or required corridor construction adhering to current building code requirements were found within the areas of work.

APPLICABLE CODES:
Wisconsin Commercial Building Code and Administrative Codes including SPS
Accessibility: ICCANSI A117.1-2017 Edition
Commercial Building: 2021 IBC as amended
Electrical: 2017 NFPA-70 (NEC) as amended
Energy Conservation: 2021 IECC as amended
Existing Building Code: 2021 IBC as amended
Fire Protection: 2021 IFC as amended
Mechanical: 2021 IMC as amended
Plumbing: 2024 Wisconsin Plumbing Code

CLASSIFICATION OF WORK: (IEBC 2021 Sections 503, 504, 505)
Level 2 Alteration

BUILDING AREA:
Work Area 42,300 gross sq. ft. (includes areas on all floors)

	Work Area	Total Existing Floor Area
Basement Floor	10,729 gross sq. ft.	10,842 gross sq. ft.
First Floor	15,144 gross sq. ft.	21,688 gross sq. ft.
Second Floor	10,655 gross sq. ft.	21,688 gross sq. ft.
Third Floor	5,802 gross sq. ft.	21,688 gross sq. ft.
Totals	42,300 gross sq. ft.	75,906 gross sq. ft.

BUILDING HEIGHT:
Existing 3 story

PRIMARY BUILDING USES: (IBC 2021 Chapter 3)
Non-Separated Uses

OCCUPANCY TYPE:
Group B - Business

ACCESSORY USES: (IBC 2021 Section 508.2)
Assembly (A-3) - Courtrooms

TYPE OF CONSTRUCTION: 3B (IBC 2021 Chapter 6)

FIRE RESISTANCE RATINGS:
Fire Resistance Hourly Ratings for Structural Components: (IBC 2021 Table 601)
Primary Structural Frame 0 Hour
Bearing Walls, Exterior 2 Hour
Bearing Walls, Interior 0 Hour
Floor Construction 0 Hour
Roof Construction 0 Hour

Fire Resistance Hourly Ratings for Separations:
*Refer to Historic Information

FIRE SPRINKLER SYSTEM:
None

FIRE ALARM SYSTEM:
Fire Alarm Initiation and Notification Devices

ALLOWABLE AREA:
No change. Existing Floor Area to remain the same.

ALLOWABLE HEIGHT:
No change. Existing Height to remain.

OCCUPANT LOAD:
No change. Existing Occupant Load to remain.

EXIT WIDTH:
No change. Existing Exit Widths to remain.

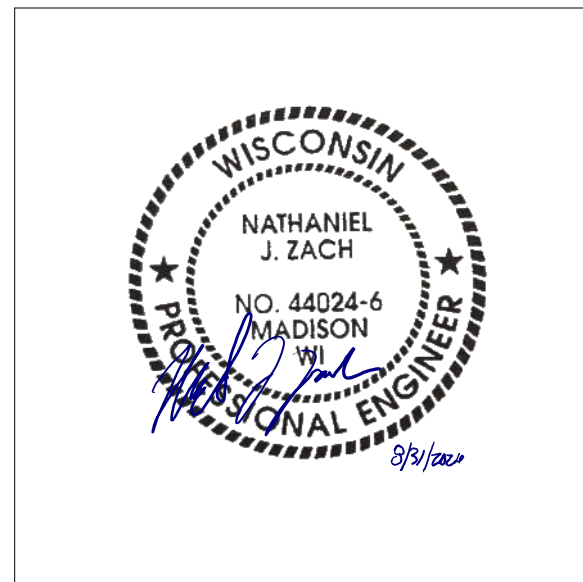
PLUMBING FIXTURE:
No change. Existing Plumbing Fixture count to remain.

STAMPS

ARCHITECTURAL



MECHANICAL



ELECTRICAL



SHEET INDEX

TITLE		MECHANICAL	
T001	TITLE SHEET	M001	MECHANICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
		M100	BASEMENT MECHANICAL DEMOLITION PLAN (PHASE 1)
GENERAL	GENERAL INFORMATION	M101	FIRST FLOOR MECHANICAL DEMOLITION PLAN (PHASE 1 & 2)
		M102	SECOND FLOOR MECHANICAL DEMOLITION PLAN (PHASE 2)
		M103	THIRD FLOOR MECHANICAL DEMOLITION PLAN (PHASE 3)
ARCHITECTURAL		M104	ROOF MECHANICAL DEMOLITION PLAN (PHASE 3)
A100	BASEMENT DEMOLITION PLAN (PHASE 1)	M200	BASEMENT MECHANICAL PLAN (PHASE 1)
A101	FIRST FLOOR DEMOLITION PLAN (PHASES 1 & 2)	M201	FIRST FLOOR MECHANICAL PLAN (PHASE 1 & 2)
A130	BASEMENT RCP DEMOLITION PLAN (PHASE 1)	M202	SECOND FLOOR MECHANICAL PLAN (PHASE 2)
A131	FIRST FLOOR RCP DEMOLITION PLAN (PHASES 1 & 2)	M203	THIRD FLOOR MECHANICAL PLAN (PHASE 3)
A132	SECOND FLOOR RCP DEMOLITION PLAN (PHASE 2)	M204	ROOF MECHANICAL PLAN (PHASE 3)
A133	THIRD FLOOR RCP DEMOLITION PLAN (PHASE 3)	M300	BASEMENT MECHANICAL PIPING PLAN (PHASE 1)
A200	BASEMENT FLOOR PLAN (PHASE 1)	M301	FIRST FLOOR MECHANICAL PIPING PLAN (PHASE 1 & 2)
A201	FIRST FLOOR PLAN (PHASES 1 & 2)	M302	SECOND FLOOR MECHANICAL PIPING PLAN (PHASE 2)
A202	SECOND FLOOR PLAN (PHASE 2)	M303	THIRD FLOOR MECHANICAL PIPING PLAN (PHASE 3)
A210	ROOF PLAN (PHASE 3)	M304	ROOF MECHANICAL PIPING PLAN (PHASE 3)
A300	BASEMENT REFLECTED CEILING PLAN (PHASE 1)	M601	ENLARGED MECHANICAL PLANS
A301	FIRST FLOOR REFLECTED CEILING PLAN (PHASES 1 & 2)	M701	MECHANICAL CONTROL DIAGRAMS
A302	SECOND FLOOR REFLECTED CEILING PLAN (PHASE 2)	M801	MECHANICAL DETAILS
A303	THIRD FLOOR REFLECTED CEILING PLAN (PHASE 3)	M901	MECHANICAL SCHEDULES
A501	WALL SECTIONS & DETAILS		
		ELECTRICAL	
		E201	ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
		E100	BASEMENT FLOOR DEMOLITION PLAN (PHASE 1)
		E101	FIRST FLOOR DEMOLITION PLAN (PHASE 1 & 2)
		E102	SECOND FLOOR DEMOLITION PLAN (PHASE 2)
		E103	THIRD FLOOR DEMOLITION PLAN (PHASE 3)
		E104	PENTHOUSE AND ROOF DEMOLITION PLAN (PHASE 3)
		E200	BASEMENT FLOOR LIGHTING PLAN (PHASE 1)
		E201	FIRST FLOOR LIGHTING PLAN (PHASE 1 & 2)
		E202	SECOND FLOOR LIGHTING PLAN (PHASE 2)
		E203	THIRD FLOOR LIGHTING PLAN (PHASE 3)
		E204	PENTHOUSE FLOOR LIGHTING PLAN (PHASE 3)
		E300	BASEMENT FLOOR POWER & SYSTEMS PLAN (PHASE 1)
		E301	FIRST FLOOR POWER & SYSTEMS PLAN (PHASE 2)
		E302	SECOND FLOOR POWER & SYSTEMS PLAN (PHASE 2)
		E303	THIRD FLOOR POWER & SYSTEMS PLAN (PHASE 3)
		E304	PENTHOUSE AND ROOF POWER & SYSTEMS PLAN (PHASE 3)
		E811	ENLARGED ELECTRICAL PLANS (PHASE 3)
		E911	ELECTRICAL LIGHTING DETAILS
			ELECTRICAL SCHEDULES

CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

No.	DESCRIPTION	DATE
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COPYRIGHT STRANG, INC.	2026
DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012
SHEET NAME	TITLE SHEET

ABBREVIATIONS

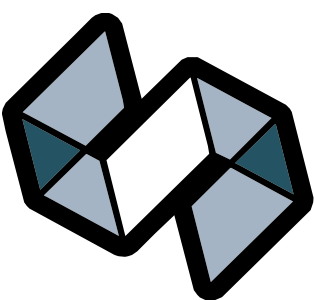
#	POUND, NUMBER	ELEC	ELECTRICAL	MN	MINIMUM	TEMP	TEMPORARY, TEMPERATURE
&	AND	ELEV	ELEVATOR	MIR	MIRROR	TER	TERRAZZO
<	ANGLE	EMER	EMERGENCY	MISC	MISCELLANEOUS	THK	THICK
@	AT	ENCL	ENCLOSURE	ML&P	METAL LATH & PLASTER	TKBD	TACK BOARD
A-100	A LABEL - 100 MINUTE FIRE RATING	EP	ELECTRIC PANEL, EPOXY	MO	MASONRY OPENING	TOB	TOP OF BEAM
B-90	B LABEL - 90 MINUTE FIRE RATING	EQ	EQUAL	MTD	MOUNTED	TOP	TOP OF FOOTING
C-45	C LABEL - 45 MINUTE FIRE RATING	EQUIP	EQUIPMENT	MTL	METAL	TOS	TOP OF STEEL
D-20	D LABEL - 20 MINUTE FIRE RATING	ES	EXPOSED STRUCTURE	MUL	MULLION	TPD	TOILET PAPER DISPENSER
Ø	DIAMETER, ROUND, PHASE	ETR	EXISTING TO REMAIN	N	NORTH	TRANS	TRANSPARENT
AB	ANCHOR BOLT	EW	EACH WAY	NC	NOT IN CONTRACT	TRZ	TERRAZZO
ABBR	ABBREVIATION	EWC	ELECTRIC WATER COOLER	NIC	NOT IN CONTRACT	TV	TELEVISION
ACB	ACOUSTICAL CEILING BAFFLE	ENH	ELECTRIC WATER HEATER	NO	NUMBER	TW	TOP OF WALL
ACOUS	ACOUSTICAL	EXH	EXHAUST	NOM	NOMINAL	TYP	TYPICAL
ACP	ACOUSTICAL CEILING PANEL	EXP	EXPANSION	NP	NON POTABLE WATER	UH	UNIT HEATER
AGR	ACRYLIC, ACRYLIC MARKER BOARD	EXPO	EXPOSED	NTS	NOT TO SCALE	UNF	UNFINISHED
ADJ	ADJUSTABLE, ADJACENT	EXT	EXISTING	OA	OVERALL, OUTSIDE AIR	UNO	UNLESS NOTED OTHERWISE
AFF	ABOVE FINISH FLOOR		EXTERIOR	OC	ON CENTER	UR	URINAL
AFS	AIR FLOW STATION	FA	FIRE ALARM	OD	OUTSIDE DIAMETER	V	VENT, VOLT, VALVE
AGGR	AGGREGATE	FB	FACE BRICK, FLOOR BOX	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	VAC	VACUUM
AHU	AIR HANDLING UNIT	FCY	FACTORY	OFF	OFFICE	VCT	VINYL COMPOSITION TILE
AL	ALUMINUM	FD	FLOOR DRAIN	OFDI	OWNER FURNISHED OWNER INSTALLED	VERT	VERTICAL
ALT	ALTERNATE	FDN	FOUNDATION	OH	OVERHEAD	VEST	VESTIBULE
AP	ACCESS PANEL	FE	FIRE EXTINGUISHER	OHCD	OVERHEAD COILING DOOR	VIF	VERIFY IN FIELD
APPROX	APPROXIMATE	FEB	FIRE EXTINGUISHER BRACKET	OHSD	OVERHEAD SECTIONAL DOOR	VSF	VINYL SHEET FLOORING
ARCH	ARCHITECTURAL, ARCHITECT	FEC	FIRE EXTINGUISHER CABINET	OP	OPERABLE PARTITION	VTR	VENT THROUGH ROOF
ASPH	ASPHALT	FF	FINISH FLOOR	OPG	OPENING	VWC	VINYL WALL COVERING
AV	AIR VALVE	FFLR	FITNESS FLOOR	OPNG	OPENING		
AWP	ACOUSTICAL WALL PANEL	FH	FUME HOOD, FIRE HOSE	OPP	OPPOSITE		
		FHC	FIRE HOSE CABINET	OPP-H	OPPOSITE HAND	TWC	TACKABLE WALL COVERING
BAF	BAFFLES	FIN	FINISH			W	WEST, WIDTH, WIDE, WATT, WASTE, WATER
BD	BOARD	FIX	FIXTURE	PA	PUBLIC ADDRESS	WI	WITH
BHD	BULKHEAD	FL	FLOOR	PC	PLUMBING CONTRACTOR	W/O	WITHOUT
BITUM	BITUMINOUS	FLUOR	FLUORESCENT	PCON	POLISHED CONCRETE	WB	WOOD BASE
BL	BORROWED LITE	FO	FINISHED OPENING	PDO	POWER DOOR OPERATOR	WC	WATER CLOSET
BLDG	BUILDING	FOC	FACE OF CONCRETE	PERP	PERPENDICULAR	WD	WOOD
BLKG	BLOCKING	FOS	FACE OF STUD	PL	PLATE, PROPERTY LINE	WF	WIDE FLANGE
BM	BEAM	FFRF	FIREPROOFING	PLAM	PLASTIC LAMINATE	WM	WIRE MESH
BN	BULLNOSE	FRP	FIBERGLASS REINFORCED PLASTIC, FIBERGLASS	PLAM	PLASTIC LAMINATE	WP	WATERPROOF, WEATHERPROOF, WALL PROTECTION
BO	BOTTOM OF	FRP	REINFORCED PANELING	PLAS	PLASTER	WR	WATER RESISTANT, WATER RECEPTACLE
BOT	BOTTOM	FRT	FIRE RETARDANT	PLBG	PLUMBING	WT	WEIGHT
BP	BASE PLATE	FRZ	FREEZER	PLYWD	PLYWOOD	WWF	WELDED WIRE FABRIC
BRG	BEARING	FT	FOOT, FEET	PR	PAIR		
BSC	BIO-SAFETY CABINET	FTG	FOOTING	PT	PAINT	YD	YARD
BTU	BRITISH THERMAL UNITS	FURR	FURRING	PTD	PAPER TOWEL DISPENSER		
BTUH	BRITISH THERMAL UNITS PER HOUR	FUT	FUTURE	PTDR	PAPER TOWEL DISPENSER / RECEPTACLE		
BTW	BETWEEN	FV	FIELD VERIFY	PTN	PARTITION		
BUR	BUILT-UP ROOF			PTR	PAPER TOWEL RECEPTACLE		
		G	GAS	PVT	PAVER TILE		
C	CONVECTOR, CHANNEL	GA	GAUGE	QSM	QUARTZ SURFACING MATERIAL		
CAB	CABINET	GALV	GALVANIZED	QT	QUARRY TILE		
CB	CATCH BASIN	GB	GRAB BAR				
CEM	CEMENT	GC	GENERAL CONTRACTOR				
CER	CERAMIC	GL	GLASS	R	RADIUS, RISER		
OFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	GMGS	GLASS MAT GYPSUM SHEATING	RA	RETURN AIR		
CFM	CUBIC FEET PER MINUTE	GND	GROUND	RB	RESILIENT BASE		
CG	CORNER GUARD	GWB	GYPSUM WALL BOARD	RBC	RESILIENT BASE COVERED		
CH	COAT HOOK	GYP	GYPSUM	RBS	RESILIENT BASE STRAIGHT		
CHBD	CHALKBOARD			RD	ROOF DRAIN		
CJ	CONTROL JOINT	H	HIGH	REF	REFERENCE, REFRIGERATOR		
CL	CENTER LINE	HB	HOSE BIBB	REFR	REFRIGERATOR		
CLG	CEILING	HBD	HARDBOARD	RENF	REINFORCED		
CLOS	CLOSET	HC	HOLLOW CORE	REM	REMOVE		
CLR	CLEAR	HDWD	HARDWOOD	REQ	REQUIRED		
CMU	CONCRETE MASONRY UNIT	HDWE	HARDWARE	REDD	REQUIRED		
COL	COLUMN	HM	HOLLOW METAL	RF	RESINOUS FLOORING		
CMC	CONCRETE	HORIZ	HORIZONTAL	RM	ROOM, RATED METAL		
CONJ	CONSTRUCTION JOINT	HP	HORSEPOWER	RO	ROUGH OPENING		
CONN	CONNECTION	HPC	HIGH PERFORMANCE COATING	RSF	RUBBER SHEET FLOORING		
CONST	CONSTRUCTION	HR	HOUR	RSF	RUBBER SHEET FLOORING		
CONT	CONTROL	HSS	HOLLOW STRUCTURAL STEEL	RT	RUBBER TILE		
CONTR	CONTRACTOR	HT	HEIGHT	RTF	RUBBER TILE FLOORING		
CORR	CORRIDOR	HVAC	HEATING, VENTILATION, & AIR CONDITIONING	RUB	RUBBER		
CPT	SHEET CARPETING	HWD	HARDWOOD	RWD	REDWOOD		
CR	CARD READER	ID	INSIDE DIAMETER	S	SOUTH, SINK, SUPPLY		
CS	CAST STONE	IE	INVERT ELEVATION	SAV	STAIN & VARNISH		
CT	CERAMIC TILE	IF	INSIDE FACE	SAB	SOUND ATTENUATION BLANKET		
CTR	CENTER	IMP	INSULATED METAL PANEL	SAN	SANITARY		
CTSK	COUNTERSINK	INSUL	INSULATION	SB	SOIL BORING		
CU	CONDENSING UNIT	INT	INTERIOR	SC	SOLID CORE		
CUH	CABINET UNIT HEATER	ITD	IMPACT TRAFFIC DOOR	SCD	SEAT COVER DISPENSER		
CYL	CYLINDER			SCHED	SCHEDULE		
		JAN	JANITOR	SCON	SEALED CONCRETE		
D	DEPTH	JBE	JOIST BEARING ELEVATION	SD	SOAP DISPENSER		
DBA	DECK BEARING ANGLE	JT	JOINT	SECT	SECTION		
DBL	DOUBLE			SF	SQUARE FOOT		
DEMO	DEMOLITION, DEMOLISH	KIT	KITCHEN	SH	SHELF		
DEPT	DEPARTMENT	KO	KNOCKOUT	SHR	SHOWER		
DF	DRINKING FOUNTAIN	KP	KICK PLATE	SHT	SHEET		
DIA	DIAMETER	KS	KNEE SPACE	SN	SIMILAR		
DIAG	DIAGONAL			SND	SANITARY NAPKIN DISPENSER		
DM	DIMENSION	L	LENGTH, ANGLE	SNR	SANITARY NAPKIN RECEPTACLE		
DISP	DISPENSER	LAB	LABORATORY	SOG	SLAB ON GRADE		
DN	DOWN	LAM	LAMINATE	SPEC	SPECIFICATION		
DO	DO OVER, DITTO	LAV	LAVATORY	SG	SQUARE		
DP	DAMP-PROOFING	LLH	LONG LEG HORIZONTAL	SS	STAINLESS STEEL		
DR	DOOR	LLV	LONG LEG VERTICAL	SSM	SOLID SURFACE MATERIAL		
DS	DOWNSPOUT	LT	LIGHT	ST	STONE		
DSO	DUCT SMOKE DETECTOR	LVT	LUXURY VINYL TILE	STA	STATION		
DT	DRAIN TILE	LWC	LIGHT WEIGHT CONCRETE	STD	STANDARD		
DTL	DETAIL			STL	STEEL		
DWG	DRAWING	MATL	MATERIAL	STOR	STORAGE		
DWL	DOWEL	MAX	MAXIMUM	STRUC	STRUCTURAL		
		MB	MOP BASIN	SUSP	SUSPENDED		
E	EAST	MC	MECHANICAL CONTRACTOR	SWC	SUSPENDED WOOD CEILING		
EA	EACH, EXHAUST AIR	MECH	MECHANICAL	SYM	SYMMETRICAL		
EC	ELECTRICAL CONTRACTOR, EXPOSED CONCRETE	MEMB	MEMBRANE				
EF	EXHAUST FAN	MEP	MECHANICAL, ELECTRICAL, PLUMBING	T	TREAD, THRESHOLD		
EHD	ELECTRIC HAND DRYER	MEZZ	MEZZANINE	T&B	TOP & BOTTOM		
EIFS	EXTERIOR INSULATION FINISH SYSTEM	MFR	MANUFACTURER	T&G	TONGUE & GROOVE		
EJ	EXPANSION JOINT	MH	MANHOLE, MOP HOLDER	TEL	TELEPHONE		
EL	ELEVATION						

MATERIAL LEGEND

	CONCRETE (SECTION)
	CONCRETE MASONRY UNIT (SECTION)
	BRICK (SECTION)
	STEEL (SECTION)
	RIGID INSULATION (SECTION)
	PLYWOOD (SECTION)
	GRANULAR FILL
	SOIL, INFILL
	SOIL, UNDISTURBED

SYMBOL LEGEND

	DETAIL REFERENCE		COLUMN GRID NUMBER
	SECTION REFERENCE		VERTICAL ELEVATION
	BUILDING SECTION REFERENCE		ROOM NAME
	INTERIOR ELEVATION		ROOM NAME/ ROOM NUMBER
	EXTERIOR ELEVATION		PARTITION TYPE
	REVISION (Cloud Around Revision)		SPECIFIC ELEVATION NOTE
			SPECIFIC PLAN NOTE
			SPECIFIC DEMOLITION NOTE



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE
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KEYPLAN (NOT TO SCALE)

COPYRIGHT STRANG, INC.	2026
DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 OAK ST.
BARABOO, WI 53913

SHEET NAME

GENERAL
INFORMATION

SHEET NO.

G001