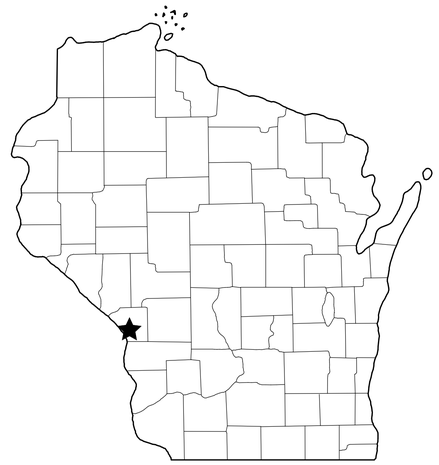
CCF BANK

NEW LA CROSSE BRANCH BUILDING REMODEL

141 S 7TH ST. LA CROSSE, WI 54601

VICINITY MAP

LOCATION MAP



LA CROSSE - WISCONSIN

DRAWING INDEX

GENERAL
G001 COVER SHEET

CIVIL
C100 EXISTING SITE PLAN
C101 DEMOLITION PLAN
C102 PROPOSED SITE PLAN
C103 GRADING PLAN

STRUCTURAL
S001 GENERAL STRUCTURAL NOTES, ABBREVIATIONS AND SYMBOLS
S002 GENERAL STRUCTURAL NOTES
S071 EXISTING CONDITIONS AND DEMO PLAN
S101 FOUNDATION AND FRAMING MODIFICATIONS
S501 STRUCTURAL DETAILS
S502 STRUCTURAL DETAILS

ARCHITECTURAL
A001 GENERAL INFORMATION AND ABBREVIATIONS
A002 CODE INFORMATION
A003 INTERIOR PARTITION AND EXTERIOR WALL TYPES
A101 DEMOLITION PLANS
A102 FLOOR PLAN
A103 REFLECTED CEILING AND ROOF PLANS
A201 EXTERIOR ELEVATIONS
A202 EXTERIOR ELEVATIONS
A301 WALL SECTIONS
A302 WALL SECTIONS
A303 WALL SECTIONS
A401 INTERIOR ELEVATIONS AND DETAILS
A501 EXTERIOR DETAILS
A502 EXTERIOR DETAILS
A601 FINISH PLAN AND SCHEDULE
A602 DOOR SCHEDULE AND DETAILS

PLUMBING
P100 PLUMBING DEMOLITION BELOW FLOOR PLAN
P101 PLUMBING DEMOLITION ABOVE FLOOR PLAN
P102 PLUMBING REMODEL BELOW FLOOR PLAN
P103 PLUMBING REMODEL ABOVE FLOOR PLAN

MECHANICAL
M100 MECHANICAL DEMOLITION FLOOR PLAN
M101 MECHANICAL REMODEL FLOOR PLAN
M200 MECHICAL SCHEDULES, DETAILS AND LEGEND

ELECTRICAL
E100 ELECTRICAL DEMOLITION FLOOR PLAN
E101 ELECTRICAL REMODEL FLOOR PLAN

PROJECT DIRECTORY

OWNER

Citizens Community Federal N.A.
2174 Eastridge Center
Eau Claire, WI 54701
608.385.5376

ARCHITECT / CIVIL / STRUCTURAL

Short Elliott Hendrickson, Inc.
329 Jay St., Suite 301
La Crosse, WI 54601
608.498.4947

MECHANICAL / ELECTRICAL / PLUMBING

Apex Engineering
101A East Grand Avenue
Eau Claire, WI 54701
715.835.7736

1/7/2022 2:30:48 PM

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	161151
Checked By	JRL
Drawn By	JRL

Project Status	**Issue Date**
	01-07-22

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

COVER SHEET

G001

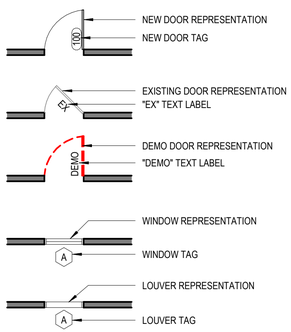
ABBREVIATIONS

&	AND	E.	EAST	JAL.	JALOUSIE	R.F.	RESILIENT FLOORING
∠	ANGLE	EA.	EACH	JAN.	JANITOR	RFG.	ROOFING
@	AT	E.A.R.	EXHAUST AIR REGISTER	J.B.	JUNCTION BOX	RGTR.	REGISTER
℄	CENTERLINE	E.C.	ELASTOMERIC COATING/ EXPOSED CONSTRUCTION	JST.	JOIST	R.H.	ROUND HEAD
⌀	DIAMETER/ROUND			JT.	JOINT	RLG.	RAILING
(E)	EXISTING	E.F.	EXHAUST FAN			RM.	ROOM
#	POUND/NUMBER	E.F.S.	EXTERIOR FINISH SYSTEM	K.D.	KNOCK DOWN	R.O.	ROUGH OPENING
+/-	PLUS OR MINUS	E.G.C.B.	EXTERIOR GYPSUM CEILING BOARD	KG.	KILOGRAM	R.W.R.	RECESSED WASTE RECEPTACLE
P	PROPERTY LINE			KIT.	KITCHEN		
SQ	SQUARE	E.G.S.B.	EXTERIOR GYPSUM SHEATHING BOARD	KM.	KILOMETER	RWD.	REDWOOD
				K.O.	KNOCK-OUT	R.W.L.	RAIN WATER LEADER
A/C	AIR CONDITIONING	E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM	KW	KILOWATT		
A.B.	ANCHOR BOLT					S.	SOUTH
ABV.	ABOVE	E.J.	EXPANSION JOINT	L.	LENGTH/LONG	S.A.	SINGLE ACTING
A.C.	ASPHALTIC CONCRETE	EL.	ELEVATION	LAB.	LABORATORY	S.C.	SOLID CORE
ACC.	ACCESSIBLE	ELAS.	ELASTOMERIC	LAM.	LAMINATE/LAMINATED	SC.	SCALE
ACOUS.	ACOUSTICAL	ELEC.	ELECTRICAL	LAV.	LAVATORY	SCHED.	SCHEDULE
A.D.	AREA DRAIN	ELEV.	ELEVATOR	LB.	POUND	SCP.	SCUPPER
	ACCESS DOOR	EMER.	EMERGENCY	L.F.	LINEAL FOOT	S.C.R.	SHOWER CURTAIN ROD
ADD.	ADDENDUM	ENCL.	ENCLOSURE	LIQ.	LIQUOR	S.D.	SMOKE DETECTOR
ADJ.	ADJUSTABLE	E.O.S.	EDGE OF SLAB	LKR.	LOCKER	SECT.	SECTION
ADJA.	ADJACENT	E.P.	ELECTRICAL PANEL	LOC.	LOCATION	S.F.	SQUARE FEET
A.F.	ACCESS FLOOR	EQ.	EQUAL	L.P.	LAMINATED PLASTIC	SH.	SHELF
A.F.F.	ABOVE FINISH FLOOR	EQPT.	EQUIPMENT	LTG.	LIGHTING	SHR.	SHOWER
AGGR.	AGGREGATE	E.W.	EACH WAY	LVR.	LOUVER	SHT.	SHEET
A.H.U.	AIR HANDLING UNIT	E.W.C.	ELECTRICAL WATER COOLER			SHTG.	SHEATHING
ALUM.	ALUMINUM	EXH.	EXHAUST	M.	MALE	SIM.	SIMILAR
ALT.	ALTER OR ALTERNATE	EXP.	EXPANSION	MAT'L.	MATERIAL	SL.	SLOPE
ANG.	ANGLE	EXPO.	EXPOSED	MAX.	MAXIMUM	SLDG.	SLIDING
ANOD.	ANODIZED	EXIST.	EXISTING	M.B.	MACHINE BOLT	SLNT.	SEALANT
A.P.	ACCESS PANEL	EXT.	EXTERIOR	M.C.	MEDICINE CABINET	S.M.	SQUARE METER
APPROX.	APPROXIMATE			MECH.	MECHANICAL	S.MH.	SEWER MANHOLE
ARCH.	ARCHITECTURAL	F.	FEMALE	MEMB.	MEMBRANE	S.N.D.	SANITARY NAPKIN DISPENSER
ASPH.	ASPHALT (PAVING)	F.A.	FIRE ALARM	MET.	METAL		
A.T.	ACOUSTICAL TILE	FAB.	FABRICATE	MFR.	MANUFACTURER	S.N.R.	SANITARY NAPKIN RECEPTACLE
A.W.	ARCHITECTURAL WOODWORK	F.A.M.	FLUID APPLIED MEMBRANE	MH.	MANHOLE		
		F.B.	FLAT BAR	MIN.	MINIMUM	S.P.	SOLID PLASTIC
BD.	BOARD	F.C.O.	FLOOR CLEAN OUT	MIR.	MIRROR	SPEC.	SPECIFICATIONS
BITUM.	BITUMINOUS	F.C.U.	FAN COIL UNIT	MISC.	MISCELLANEOUS	SPKR.	SPEAKER
BLDG.	BUILDING	F.D.	FLOOR DRAIN/ FIRE DAMPER	MLDG.	MOULDING	SPRK.	SPRINKLER
BLK.	BLOCK			MM.	MILLIMETER	SQ.	SQUARE
BLKG.	BLOCKING	F.E.	FIRE EXTINGUISHER	M.O.	MASONRY OPENING	S.SK.	SERVICE SINK
BM.	BEAM	F.E.C.	FIRE EXTINGUISHER CABINET	MOD.	MODULAR	S.STL.	STAINLESS STEEL
B.O.H.	BACK OF HOUSE			M.R.	MOISTURE RESISTANT	ST.	STONE
BOT.	BOTTOM	F.F.&E.	FURNITURE, FIXTURE & EQUIPMENT	MTD.	MOUNTED	STA.	STATION
BR.	BEDROOM			MTG.	MOUNTING	STD.	STANDARD
BRG.	BEARING	F.F.S.	FINISH FLOOR SEPARATION	N.	NORTH	STL.	STEEL
BRKT.	BRACKET	F.H.	FLAT HEAD	N.I.C.	NOT IN CONTRACT	STOR.	STORAGE
B.S.	BOTH SIDES	F.H.C.	FIRE HOSE CABINET	N.L.	NIGHT LIGHT	STRUCT.	STRUCTURE/STRUCTURAL
BSMT.	BASEMENT	FIN.	FINISH	NO.	NUMBER	SURR.	SURROUND
BTWN.	BETWEEN	FIXT.	FIXTURE	NOM.	NOMINAL	SUSP.	SUSPEND/SUSPENDED
B.U.R.	BUILT-UP ROOFING	FLASH.	FLASHING	N.S.	NO SCALE	SVC.	SERVICE
		FLDG.	FOLDING	N.T.S.	NOT TO SCALE	SW.	SWITCH
C	CHORD/COMPACT	FLG.	FLOORING			SYM.	SYMMETRICAL
CAB.	CABINET	FLR.	FLOOR	O.	OVER	SYS.	SYSTEM
C.B.	CATCH BASIN	FLUOR.	FLUORESCENT	O.C.	ON CENTER	T.	TREAD
C.B.B.	CEMENTITIOUS BACKER BOARD	F.N.D.	FEMININE NAPKIN DISPOSAL	OA.	OVERALL	T&G	TONGUE AND GROOVE
				O.A.G.	OUTSIDE AIR GRILLE	T./S	TUB/SHOWER
C.C.T.V.	CLOSED CIRCUIT TELEVISION	F.N.V.	FEMININE NAPKIN VENDOR	OBS.	OBSCURE	TACKBD	TACKBOARD
				O.D.	OUTSIDE DIAMETER (DIMENSION)	T.B.	TOWEL BAR
C.D.	CEILING DIFFUSER	FND.	FOUNDATION			T.D.	TRENCH DRAIN
CEM.	CEMENT	F.O.	FACE OF ...	O.F./C.I.	OWNER FURNISHED/ CONTRACTOR INSTALLED	TEL.	TELEPHONE
CER.	CERAMIC	F.O.C.	FACE OF CONCRETE			TEMP.	TEMPERED/TEMPORARY
C.F./C.I.	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	F.O.M.	FACE OF MANSONRY	OFD.	OVERFLOW DRAIN	TER.	TERRAZZO
		F.O.S.	FACE OF SLAB/ FACE OF STUD	OFF.	OFFICE	TFE	TOP OF FOOTING
C.F.M.	CUBIC FEET PER MINUTE			O.F./O.I.	OWNER FURNISHED/ OWNER INSTALLED	TFMR.	TRANSFORMER
C.G.	CORNER GUARD	F.O.W.	FACE OF WALL			THK.	THICK/THICKNESS
CHAN.	CHANNEL	FR.	FRAME	OPNG.	OPENING	THR.	THRESHOLD
CH.W.R.	CHILLED WATER RETURN	F.R.G.	FIBER REINFORCED GYPSUM	OPP.	OPPOSITE	TLT.	TOILET
CH.W.S.	CHILLED WATER SUPPLY			OPQ.	OPAQUE	T.O.	TOP OF ...
C.I.	CAST IRON	F.R.P.	FIBERGLASS REINFORCED POLYESTER	OPR.	OPERABLE	T.O.C.	TOP OF CURB
C.I.P.	CAST-IN-PLACE			OVHD.	OVERHEAD	T.O.F.	TOP OF FLOOR
CIRC.	CIRCULATING	F.R.T.	FIRE RETARDANT TREATED WOOD			T.O.P.	TOP OF PARAPET
C.J.	CONTROL JOINT			PASS.	PASSAGE		TOP OF PAVEMENT
CLNG	CEILING	FRZ.	FREEZER	P.C.	POST CONTRACT	T.P.B.	TELEPHONE POWER BOARD
CLO.	CLOSET	F.S.	FLOOR SINK/FULL SIZE	P.C.A.	POST CONTRACT ARCHITECTURAL		
CLR.	CLEAR	FT.	FOOT/FEET			T.P.D.	TOILET PAPER DISPENSER
CM.	CENTIMETER	F.T.D.	FACIAL TISSUE DISPENSER	PC.	PIECE	T.P.H.	TOILET PAPER HOLDER
C.M.U.	CONCRETE MASONRY UNIT	FTG.	FOOTING	P.D.	PLANTER DRAIN	TOS	TOP OF STEEL
CNTR.	COUNTER	FURR.	FURRING/FURRED	PERIM.	PERIMETER	TPE	TOP OF PIER
C.O.	CLEANOUT/CASED OPENING /CONCRETE OPENING	FUT.	FUTURE	PERP.	PERPENDICULAR	TRAN.	TRANSITION
				PH.	PENTHOUSE	TRANS.	TRANSPARENT
COL.	COLUMN	G.	GAS (PIPE)	P.I.P.	POURED-IN-PLACE	TSE	TOP OF SLAB
COMM.	COMMUNICATION	GA.	GAGE			T.S.	TUBE STEEL
COMP.	COMPARTMENT	GAL.	GALLON	PL.	PLATE	T.S.C.D.	TOILET SEAT COVER DISPENSER
CONC.	CONCRETE	GALV.	GALVANIZED	PLAM.	PLASTIC LAMINATE		
COND.	CONDITION	G.B.	GRAB BAR	PLAS.	PLASTER	T.SH.	TOWEL SHELF
CONN.	CONNECTION	GEN.	GENERATOR	PLBG.	PLUMBING	TV.	TELEVISION
CONSTR.	CONSTRUCTION	G.F.I.	GROUND FAULT INTERCEPTOR	PLYWD.	PLYWOOD	TWE	TOP OF WALL
CONT.	CONTINUOUS			PNL.	PANEL	TYP.	TYPICAL
CONTR.	CONTRACTOR	G.F.R.C.	GLASS FIBER REINFORCED CONCRETE	PR.	PAIR		
COOR.	COORDINATE			P.R.B.P.	PRESSURE REDUCING BACK FLOW PREVENTER	UC.	UNDERCUT
CORR.	CORRIDOR	GL.	GLASS			U.L.	UNDERWRITERS LABORATORIES, INC.
C.O.T.G.	CLEAN OUT TO GRADE	GLU-LAM	GLUED LAMINATED WOOD	PRCST.	PRECAST		
CP.	CARPET	GND.	GROUND	PREFAB.	PREFABRICATED	UNF.	UNFINISHED
C.R.	CLOSET ROD	G.P.H.	GALLONS PER HOUR	PREP.	PREPARATION	U.N.O.	UNLESS NOTED OTHERWISE
C.R.M.	CONCRETE RUBBLE MASONRY	G.S.B.	GYPSUM SHEATHING BOARD	PROP.	PROPERTY	U.P.	UPHOLSTERED PANELS
				P.R.V.	PRESSURE RELIEF VALVE	UR.	URINAL
C.T.	CERAMIC TILE	GYP.	GYPSUM	P.S.F.	POUNDS PER SQUARE FOOT	VAL.	VALANCE
CTR.	CENTER	H.	HEIGHT/HIGH	PT.	PAINT/POINT	VAR.	VARIES
CTSK.	COUNTERSUNK	H.B.	HOSE BIB	P.T.D.	PAPER TOWEL DISPENSER	V.C.T.	VINYL COMPOSITION TILE
CUST.	CUSTOM	H.C.	HOLLOW CORE	P.T.D.R.	PAPER TOWEL DISPENSER & RECEPTACLE	VERT.	VERTICAL
C.W.	COLD WATER	HCP.	HANDICAPPED			VEST.	VESTIBULE
C.W.R.	COLD WATER RETURN	HD.	HEAD	PTN.	PARTITION	VLV.	VALVE
d	PENNY (NAILS)	HDWD.	HARDWOOD	P.T.R.	PAPER TOWEL	VOL.	VOLUME
D.	DEEP/DEPTH/DRYER	HDWE.	HARDWARE		RECEPTACLE	V.P.	VENEER PLASTER
D.A.	DOUBLE ACTING	H.M.	HOLLOW METAL	PVC	POLY VINYL CHLORIDE	V.T.R.	VENT THROUGH ROOF
DBL.	DOUBLE	HORIZ.	HORIZONTAL			W.	WEST/WIDTH/WIDE/WASHER
D.D.	DECK DRAIN	HR.	HOUR	Q.T.	QUARRY TILE	W/	WITH
DEPT.	DEPARTMENT	H.S.	HAND SINK			W/O	WITHOUT
DET.	DETAIL	HT.	HEIGHT	R.	RISER	W.C.	WATER CLOSET
D.F.	DRINKING FOUNTAIN	HTR.	HEATER	RAD.	RADIUS	WD.	WALLCOVERING
DIA.	DIAMETER	H.V.A.C.	HEATING, VENTILATION AND AIR CONDITIONING	R.B.	RESILIENT BASE	WD.P.	WOOD PANELING
DIAG.	DIAGONAL			RB.HK.	ROBE HOOK	WDW.	WINDOW
DIM.	DIMENSION	H.W.	HOT WATER	R.C.P.	REFLECTED CEILING PLAN	W.GL.	WIRE GLASS
DISP.	DISPENSER	H.W.R.	HOT WATER RETURN	R.D.	ROOF DRAIN	W.H.	WATER HEATER
DN.	DOWN			REBAR	REINFORCING BAR		WARNOCK HERSEY
D.O.	DOOR OPENING	I.D.	INSIDE DIAMETER (DIMENSION)	REF.	REFERENCE/REFER	W.O.	WHERE OCCURS/ WINDOW OPENING
D.PTN	DEMOUNTABLE PARTITION			REFL.	REFLECTOR		
DR.	DOOR	INCL.	INCLUDED/INCLUSIVE/ INCLUDING	REFR.	REFRIGERATOR	WP.	WATERPROOF
DS	DOWNSPOUT			REINF.	REINFORCED/REINFORCING	WP.M.	WATERPROOF MEMBRANE
D.SP.	DRY STANDPIPE	INSUL.	INSULATION	REQ.	REQUIRED	W.S.	WOOD SCREWS
DW.	DISHWASHER	INT.	INTERIOR	RESIL.	RESILIENT	W.R.	WATER RESISTANT
DWG.	DRAWING	INV.	INVERT	REST.	RESTROOM	WRB.	WARDROBE
DWR.	DRAWER			REV.	REVISED/REVISION	WSCT.	WAINSCOT
						W.S.P.	WET STAND PIPE
						WT.	WEIGHT
						W.W.F.	WELDED WIRE FABRIC

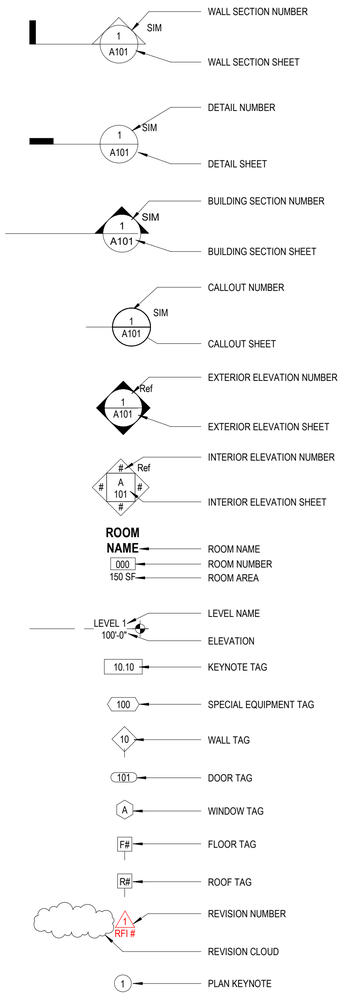
MATERIAL SYMBOLS

- SOIL
- BASE COURSE, SUB-BASE, GRAVEL, CRUSHED ROCK
- CONCRETE
- BRICK MASONRY
- CUT STONE, SAND, MORTAR, PLASTER
- CONCRETE MASONRY UNITS
- STEEL
- ALUMINUM (OMIT IN THIN MATERIAL)
- BRONZE, BRASS, COPPER
- INSULATION BOARD
- RIGID INSULATION
- BATT INSULATION
- WOOD, FINISH
- WOOD FRAMING THROUGH MEMBER
- WOOD FRAMING INTERRUPTED MEMBER
- METAL LATH
- PLYWOOD
- GYPSUM BOARD
- PARTICLE BOARD
- GLASS
- GLASS BLOCK
- CARPET
- CERAMIC TILE, QUARRY TILE, OR RESILIENT FLOORING (SHOWN PROFILE ONLY)
- ASPHALTIC CONCRETE OR A.C. PAVING (SHOWN PROFILE ONLY)

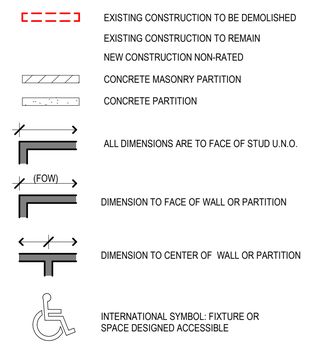
OPENING SYMBOLS



CALLOUT SYMBOLS



GENERAL SYMBOLS



GENERAL NOTES

ARCHITECTURE GENERAL NOTES:

1. THESE DRAWINGS ARE LEGAL INSTRUMENTS OF SERVICE FOR THE USE OF THE OWNER AND ITS AUTHORIZED AGENTS AND VENDORS ON THE DESIGNATED PROJECT ONLY.
2. GC RESPONSIBLE FOR KNOWLEDGE OF RELATIVE INFORMATION CONTAINED IN THESE DOCUMENTS AND THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED.
3. CAREFULLY AND THOROUGHLY EXAMINE THE PROJECT SITE, FIELD VERIFY ALL CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS OF THE VARIOUS FEATURES OF THE SITE AND COMPARE DRAWINGS WITH THE EXISTING CONDITIONS. ANY DISCREPANCIES AND/OR CONDITIONS NEEDING CLARIFICATION SHALL BE REPORTED IN WRITING TO THE ARCHITECT BEFORE STARTING WORK.
4. ALL CONSTRUCTION, FABRICATION AND INSTALLATION SHALL CONFORM TO THE LATEST LOCALLY ADOPTED EDITIONS OF THE IBC, IPC, IMC, NEC, NFPA, OSHA AND ANY FEDERAL, STATE AND LOCAL CODES, REGULATIONS, STANDARDS AND ORDINANCES OF GOVERNING AGENCIES HAVING JURISDICTION. SUCH APPLICABLE CODES, ETC. ARE THOSE WHICH ARE IN EFFECT AT THE TIME THE PROJECT PERMIT APPLICATION IS RECORDED.
5. ALL TRADES ARE CONSIDERED SPECIALISTS IN THEIR RESPECTIVE FIELD/TRADE AND SHALL, BEFORE SUBMISSION OF BID OR PERFORMANCE OF WORK, NOTIFY THE CONTRACTOR IN WRITING OF ANY WORK ON THE DRAWINGS OR IN THE SPECIFICATIONS WHICH CANNOT BE FULLY WARRANTED OR CONSTRUCTED AS DETAILED OR SPECIFIED. THE CONTRACTOR WILL NOTIFY THE ARCHITECT OF SUCH CONDITIONS IN WRITING.
6. DUE TO REPRODUCTION PROCESSES, DRAWINGS MAY NOT BE ACCURATE TO SCALE. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN AND IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, ELEVATIONS OR DETAILS.
7. THE STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. DISCREPANCIES BETWEEN THE VARIOUS DRAWINGS SHALL BE REPORTED BY THE CONTRACTOR TO THE ARCHITECT IN WRITING.
8. BEFORE STARTING WORK, COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR INSTALLATION OF EQUIPMENT INDICATED N.I.C. ON DRAWINGS. VERIFY EQUIPMENT LOCATIONS WITH THE OWNER'S PRESENTATIVE. VERIFY DIMENSIONS, UTILITIES, ETC, WITH EQUIPMENT MANUFACTURERS ROUGH -- IN DATA PRIOR TO FORMING THE SLAB.
9. PRODUCTS AND MANUFACTURED ITEMS SHALL BE PROVIDED AS SPECIFIED. SUBSTITUTIONS WILL BE PERMITTED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE SPECIFICATIONS.
10. WHERE DETAILS ARE NOT SHOWN OR NOTED, GC IS TO PROVIDE A WRITTEN REQUEST FOR INFORMATION TO CLARIFY SPECIFIC DETAIL CONDITIONS.
11. ALL INDICATED EXISTING UTILITIES OR STRUCTURES ARE BASED ON INFORMATION OF RECORD. TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES NOT OF RECORD OR NOT SHOWN. BE RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MAY OCCUR DUE TO FAILURE TO LOCATE AND PROTECT ALL CONCEALED UTILITIES.
12. COMPLY WITH ALL JURISDICTIONAL AGENCY REQUIREMENTS AND REGULATIONS. PERFORM ALL WORK ON THIS PROJECT IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS 29 CFR 1910 AND 1926 OF THE U.S. DEPARTMENT OF LABOR AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES.
13. FINAL CONNECTIONS TO EQUIPMENT SHALL BE AS PER MANUFACTURER'S WIRING DIAGRAMS, DETAILS AND INSTRUCTIONS. BE RESPONSIBLE TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
14. PROVIDE PERMITS AND INSPECTIONS REQUIRED BY JURISDICTIONAL AGENCIES.
15. PROVIDE SET OF RECORD DRAWINGS TO ARCHITECT. DRAWINGS SHALL INCLUDE ALL ADDENDUM ITEMS, CHANGE ORDERS, ALTERATIONS, REROUTINGS, ETC.
16. SERVICE SHALL BE MAINTAINED TO EXISTING AREAS DURING CONSTRUCTION. PROVIDE PORTABLE GENERATORS, CABLES, OUTLETS ETC., TO MAINTAIN CONTINUITY OF SERVICE PLACEMENT OF SUCH PORTABLE EQUIPMENT SHALL BE SUBJECT TO OWNER APPROVAL.
17. COORDINATE CONSTRUCTION PHASING WITH THE OWNER. TEMPORARY PARTITIONS, LOCATIONS & CONSTRUCTION DETAILS IN PUBLIC SPACES SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
18. PATCH AND MATCH ALL NEW WORK W/ EXISTING WHERE NEW TO EXISTING INTERFACE OCCURS.
19. RESTORE ALL REMOVED OR DAMAGED STRUCTURAL STEEL CEMENTITIOUS FIRE PROOFING TO REQUIRED FIRE RESISTIVE STANDARD.
20. SUBMIT SAMPLES OF ALL EXPOSED PRODUCTS, MATERIALS, PAINTING SYSTEMS, ETC. FOR ARCHITECT'S REVIEW, COLOR SELECTION OR COLOR VERIFICATION PRIOR TO ORDERING ITEMS.
21. SEAL ALL DUCTS, LOUVERS, VENTS, OPENINGS AND CEILING SPACES BETWEEN CONSTRUCTION AREA AND REMAINDER OF SHELLED SPACES TO PREVENT DUST, DIRT, CONTAMINATION OR DEBRIS FROM ENTERING.
22. DO NOT ALLOW DIRT, DEBRIS OR DISCARDED MATERIALS TO ACCUMULATE ON SITE. REMOVE PROMPTLY EACH DAY.
23. VERIFY SERVICES TO BE ABANDONED, REMOVED OR CUT HAVE BEEN PROPERLY AND SAFELY SHUT OFF, CAPPED OR SEALED.
24. KEEP NOISE AND VIBRATION PRODUCING ACTIVITIES AT A MINIMUM WHEN WORKING WITHIN OR ON THE EXISTING BUILDING. APPROPRIATE TIMES OF SUCH ACTIVITIES SHALL BE COORDINATED WITH OWNER IN WRITING AT BEGINNING OF PROJECT.
25. IN THE EVENT THAT NOISE AND VIBRATION PRODUCING ACTIVITIES WILL OCCUR DURING TIMES OTHER THAN THOSE NOTED ABOVE, OBTAIN PERMISSION FROM THE OWNER IN WRITING A MINIMUM OF 72 HOURS PRIOR TO COMMENCEMENT OF ACTIVITIES.
26. KEEP UTILITY AND SERVICE OUTAGES TO A MINIMUM. MAKE WRITTEN OUTAGE REQUESTS AT LEAST FIVE DAYS BEFORE DATE OF PROPOSED OUTAGE. STATE IN THE REQUEST HOURS OF OUTAGE. CONFIRM DATE 48 HOURS IN ADVANCE OF STARTING DATE.
27. ASSIGN THE WORK OF MOVING, REMOVAL, CUTTING, PATCHING AND REPAIR TO TRADES UNDER CONTRACTOR SUPERVISION TO CAUSE THE LEAST DAMAGE TO EACH TYPE OF WORK ENCOUNTERED.
28. PATCHING OF FINISH MATERIALS TO MECHANICS SKILLED IN THE WORK OF THE FINISH TRADE INVOLVED.
29. PROTECT REMAINING FINISHES, EQUIPMENT AND ADJACENT WORK FROM DAMAGE CAUSED BY CUTTING, MOVING AND REMOVAL AND PATCHING OPERATIONS. PROTECT SURFACES WHICH WILL REMAIN A PART OF THE FINISHED WORK.
30. PROTECT EXISTING AND NEW WORK FROM WEATHER DURING CUTTING, MOVING, REMOVAL CONSTR. PROVIDE WEATHER PROTECTION AND OTHER FACILITIES AND PROTECTION AS NEEDED TO PREVENT DAMAGE TO NEW WORK AND TO REMAINING OLD WORK.
31. PROVIDE ADEQUATE SUPPORT OR SUBSTRATE FOR PATCHING FINISHES.
32. USE OF HAZARDOUS MATERIALS SHALL CONFORM WITH 29 CFR 1910.120 AND 1926.65 OF THE OSHA CODE.
33. REMOVAL OF HAZARDOUS WASTE SHALL COMPLY WITH CURRENT FEDERAL, STATE AND LOCAL REGULATIONS, STANDARDS, LAWS AND REQUIREMENTS.
34. THE WET SIDE FIRE PROTECTION CONTRACTOR SHALL PROVIDE TO THE ARCHITECT, THROUGH THE NORMAL SUBMITTAL PROCESS, SPRINKLER PLANS SHOWING PIPING PLANS, POINTS OF CONNECTIONS, HEAD LOCATIONS, VALVE LOCATIONS, CALCULATIONS, AND HEAD TYPES AND FINISHES PRIOR TO SUBMISSION TO THE FIRE DEPARTMENT FOR THE ARCHITECT'S REVIEW AND APPROVAL. DO NOT SUBMIT DRAWINGS TO ANY JURISDICTION PRIOR TO GAINING THIS REVIEW AND APPROVAL.
35. THE ELECTRONIC FIRE PROTECTION CONTRACTOR SHALL PROVIDE TO THE ARCHITECT, THROUGH NORMAL SUBMITTAL PROCESS, PLANS SHOWING THE SIZE, LOCATION, MOUNTING HEIGHTS, AND FINISH OF ALL STROBES, SPEAKERS, AND SPEAKER STROBES AS WELL AS SHOWING ALL CONDUIT RUNS, CONDUIT SIZES, AND POINTS OF CONNECTION FOR ARCHITECT'S REVIEW AND APPROVAL. DO NOT SUBMIT DRAWINGS TO ANY JURISDICTION PRIOR TO GAINING THIS REVIEW AND APPROVAL.

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Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	161151
Checked By	JRL
Drawn By	JRL

Project Status	**Issue Date**
	01-07-22

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

GENERAL INFORMATION AND ABBREVIATIONS

A001

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PROJECT DESCRIPTION
RENOVATION OF AN EXISTING RESTAURANT INTO A BANK. OCCUPANCY TYPE WILL CHANGE FROM AN "A-3" TO A "B"

BUILDING AREA: 4,631 S.F.

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
Occupancy: Type: B (Business)
Non-Sprinklered

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

Construction Type: Type VB

Table 503 Allowable Building Heights and Areas (Type VB)
Allowable Height: 40 feet
Allowable Area: 6,000 s.f.

BUILDING AREA: 4,934 S.F.
1 / 100 S.F. GROSS
50 OCCUPANTS

50 x .20 = 10" OF EXIT WIDTH REQUIRED

CHAPTER 10 - MEANS OF EGRESS

BUILDING AREA: 4,934 S.F.
1 / 100 S.F. GROSS
50 OCCUPANTS

50 x .20 = 10" OF EXIT WIDTH REQUIRED

1006.3.2(2)
MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE
75 FEET

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE
200 FEET

1 A002 CODE PLAN
3/16" = 1'-0"

PLUMBING FIXTURE REQUIREMENTS

MEN: 25 OCCUPANTS
TOILETS *(1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50)*
1 REQUIRED (1 PROVIDED)
LAVATORY *(1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80)*
1 REQUIRED (1 PROVIDED)

WOMEN: 25 OCCUPANTS
TOILETS *(1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50)*
1 REQUIRED (1 PROVIDED)
LAVATORY *(1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80)*
1 REQUIRED (1 PROVIDED)

1 DRINKING FOUNTAIN PROVIDED
1 MOP SINK PROVIDED

CODE PLAN LEGEND

FE	FIRE EXTINGUISHER
	BUILDING EXIT
	MAXIMUM TRAVEL DISTANCE

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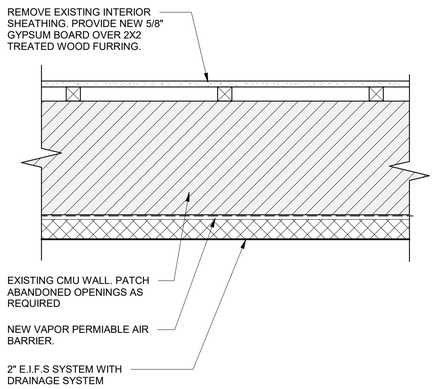
REV. #	DESCRIPTION	DATE

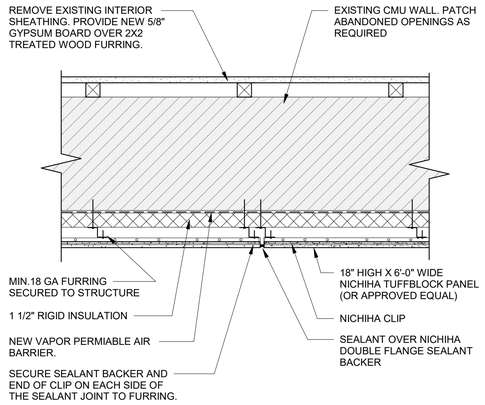
CODE INFORMATION

A002

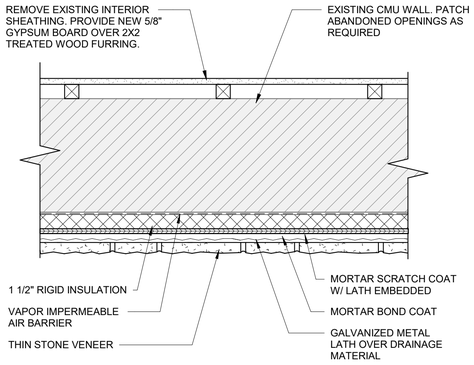
EXTERIOR WALL TYPES



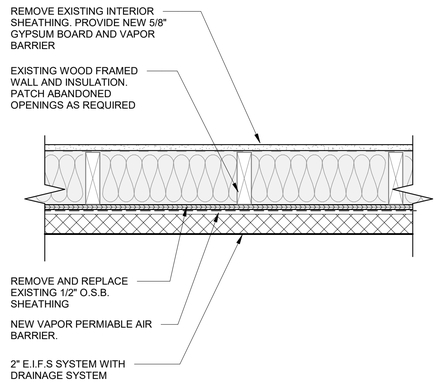
B1 EIFS ON EXISTING CMU



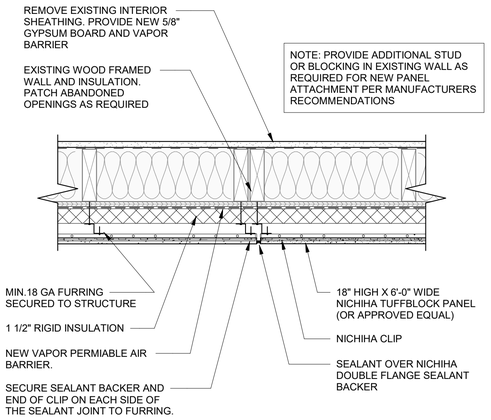
C1 CEMENT PANEL ON EXISTING CMU



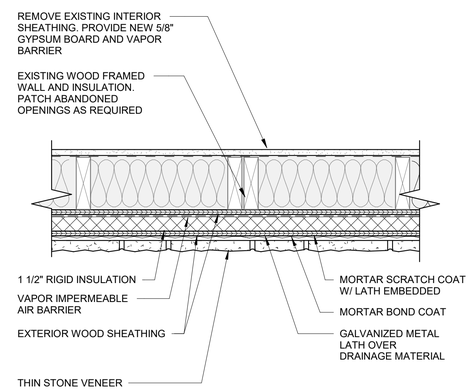
D1 THIN STONE ON EXISTING CMU



B2 EIFS ON EXISTING WOOD FRAMED WALL

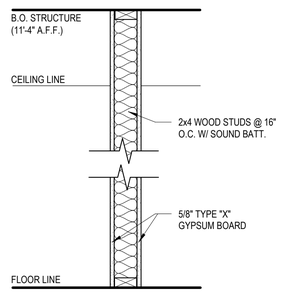


C2 CEMENT PANEL ON EXISTING WOOD FRAMING



D2 THIN STONE ON EXISTING WOOD FRAMING

INTERIOR PARTITION TYPES



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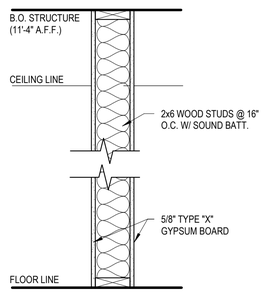

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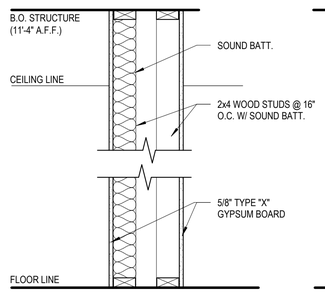

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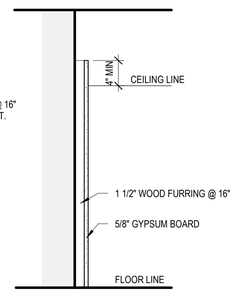

A4

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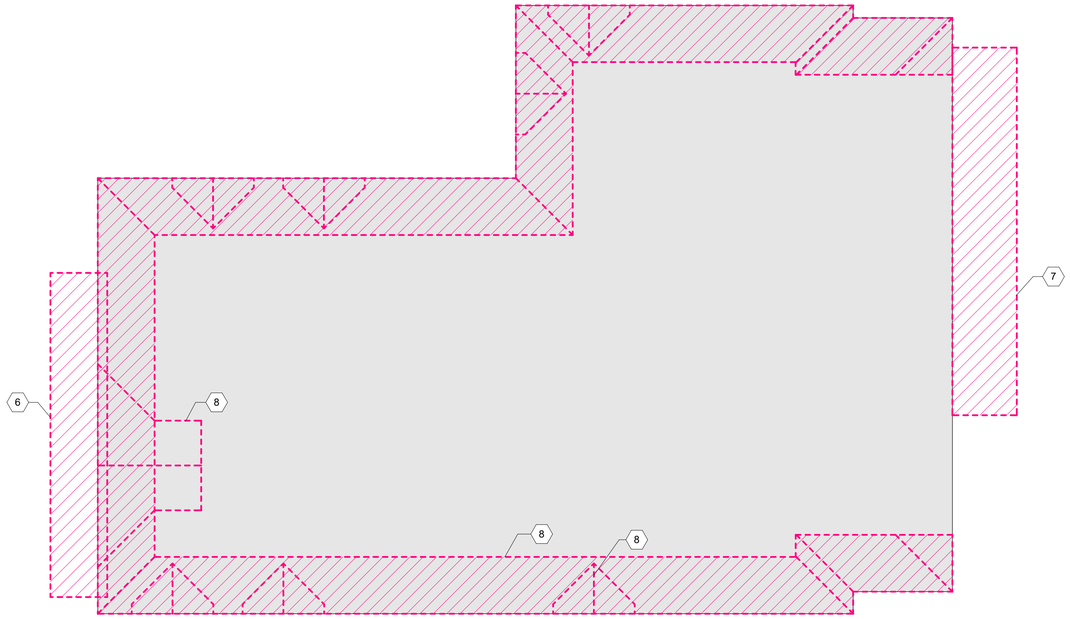
REV. #	DESCRIPTION	DATE

INTERIOR PARTITION AND EXTERIOR WALL TYPES

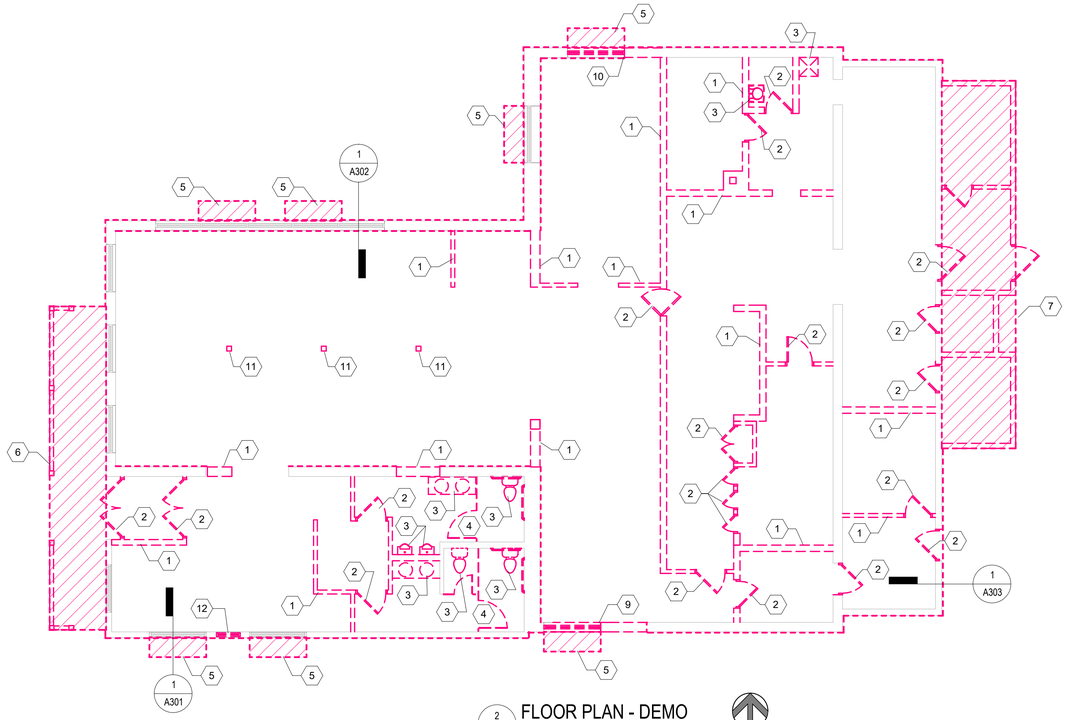
A003



1 A101 ROOF DEMO PLAN

1/8" = 1'-0"

PROJECT NORTH



2 A101 FLOOR PLAN - DEMO

1/8" = 1'-0"

PROJECT NORTH

DEMOLITION KEYNOTE LEGEND

1. REMOVE PORTION OF EXISTING WALL
2. REMOVE DOOR AND FRAME
3. REMOVE PLUMBING FIXTURE
4. REMOVE ALL PARTITIONS AND ACCESSORIES IN TOILET ROOMS
5. REMOVE EXISTING DORMERS
6. REMOVE EXISTING PORCH IN IT'S ENTIRETY
7. REMOVE PORTION OF EXISTING BUILDING IN IT'S ENTIRETY.
8. REMOVE ALL EXISTING STANDING SEAM MANSARD AND DORMER STRUCTURES
9. REMOVE EXISTING WINDOW AND PORTION OF EXTERIOR WALL FOR NEW STOREFRONT DOOR SYSTEM
10. REMOVE EXISTING WINDOW AND PORTION OF EXTERIOR WALL FOR BULLET RESISTANT WINDOW SYSTEM
11. REMOVE EXISTING COLUMN. SEE STRUCTURAL DRAWINGS
12. REMOVE EXISTING WINDOW AND INFILL WALL TO MATCH EXISTING CONSTRUCTION

GENERAL DEMOLITION NOTES

- REMOVE EXISTING CARPETING, FLOOR TILE AND ANY OTHER FLOOR FINISHES THROUGHOUT BUILDING AND PREPARE FLOOR AS REQUIRED FOR NEW FLOOR FINISHES AS SPECIFIED.
- REMOVE EXISTING CEILING GRID, TILE AND BULKHEADS THROUGHOUT THE BUILDING.
- REMOVE ALL EXISTING WOOD TRIM, WINDOW AND DOOR CASING, WAINSCOTING AND WINDOW STOOLS THROUGHOUT ENTIRE BUILDING.
- REMOVE EXISTING ROOF AND ROOF TRUSSES FOR REPLACEMENT. PROTECT THE INTERIOR FROM WEATHER THROUGHOUT THE DEMOLITION AND ROOF STRUCTURE REPLACEMENT PROCESS.
- REMOVE ALL EXTERIOR SIDING AND TRIM DOWN TO EXISTING EXTERIOR WALL SHEATHING
- REMOVE ALL INTERIOR WALL FINISHES AND GYPSUM BOARD IN WALLS SHOWN TO REMAIN DOWN TO EXISTING WOOD STUD

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DEMOLITION PLANS

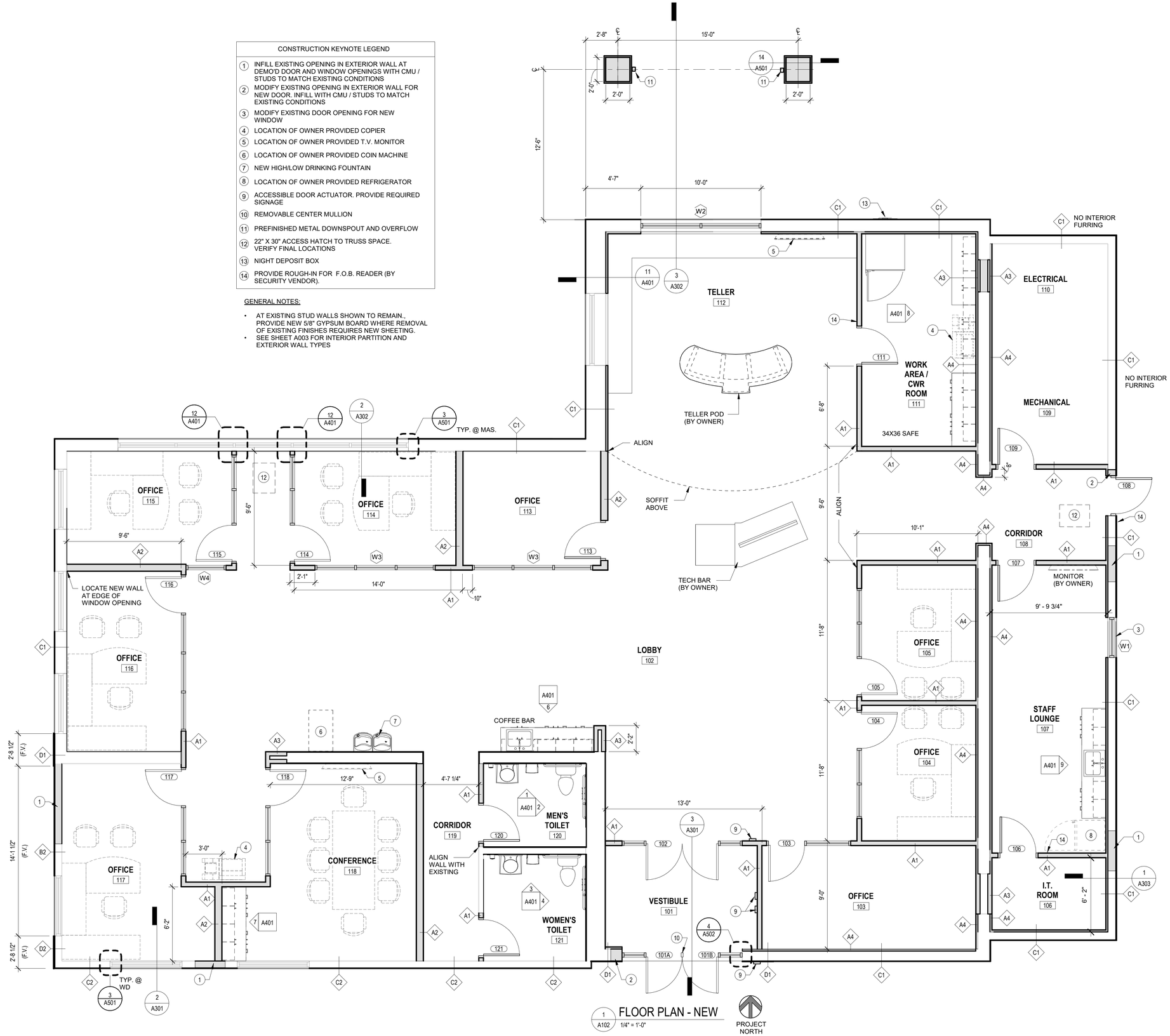
A101

CONSTRUCTION KEYNOTE LEGEND

1	INFILL EXISTING OPENING IN EXTERIOR WALL AT DEMO'D DOOR AND WINDOW OPENINGS WITH CMU / STUDS TO MATCH EXISTING CONDITIONS
2	MODIFY EXISTING OPENING IN EXTERIOR WALL FOR NEW DOOR. INFILL WITH CMU / STUDS TO MATCH EXISTING CONDITIONS
3	MODIFY EXISTING DOOR OPENING FOR NEW WINDOW
4	LOCATION OF OWNER PROVIDED COPIER
5	LOCATION OF OWNER PROVIDED T.V. MONITOR
6	LOCATION OF OWNER PROVIDED COIN MACHINE
7	NEW HIGH/LOW DRINKING FOUNTAIN
8	LOCATION OF OWNER PROVIDED REFRIGERATOR
9	ACCESSIBLE DOOR ACTUATOR. PROVIDE REQUIRED SIGNAGE
10	REMOVABLE CENTER MULLION
11	PREFINISHED METAL DOWNSPOUT AND OVERFLOW
12	22" X 30" ACCESS HATCH TO TRUSS SPACE. VERIFY FINAL LOCATIONS
13	NIGHT DEPOSIT BOX
14	PROVIDE ROUGH-IN FOR F.O.B. READER (BY SECURITY VENDOR).

GENERAL NOTES:

- AT EXISTING STUD WALLS SHOWN TO REMAIN., PROVIDE NEW 5/8" GYPSUM BOARD WHERE REMOVAL OF EXISTING FINISHES REQUIRES NEW SHEETING.
- SEE SHEET A003 FOR INTERIOR PARTITION AND EXTERIOR WALL TYPES



1 A102 FLOOR PLAN - NEW
1/4" = 1'-0"

PROJECT NORTH

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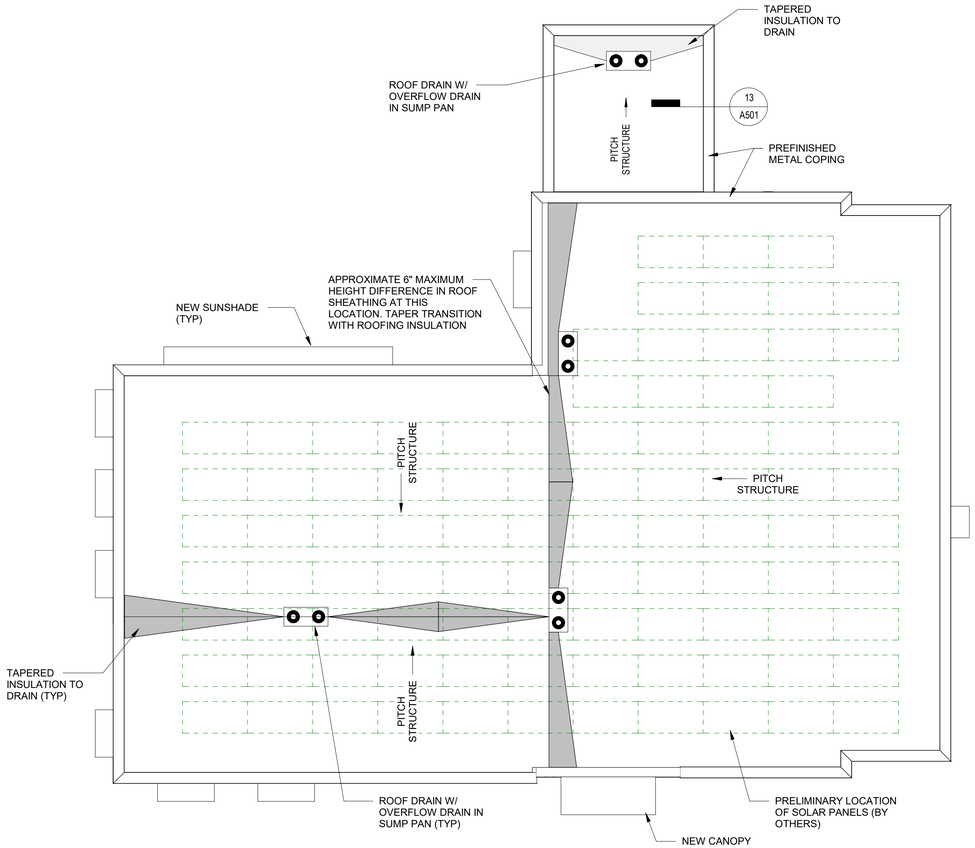
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

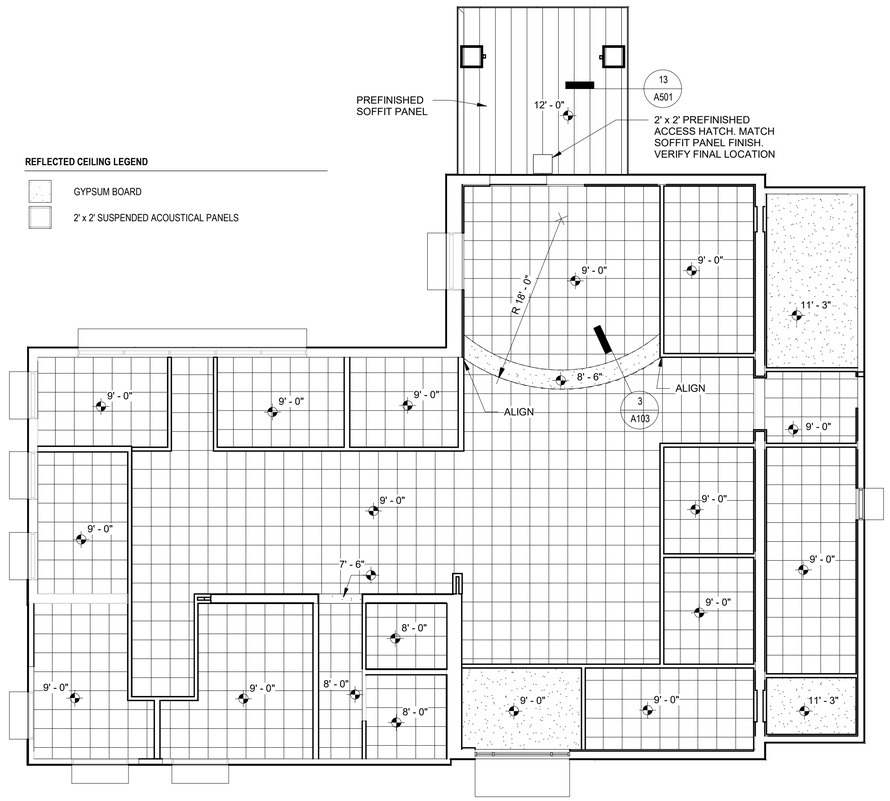
FLOOR PLAN

A102



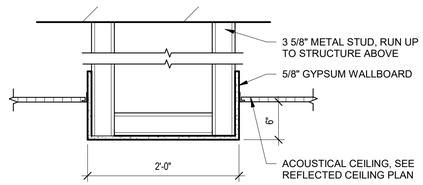
1 A103 **ROOF PLAN**
1/8" = 1'-0"

PROJECT NORTH



2 A103 **REFLECTED CEILING PLAN**
1/8" = 1'-0"

PROJECT NORTH



3 A103 **TYP. SOFFIT BULKHEAD**
1" = 1'-0"

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REVISION SCHEDULE

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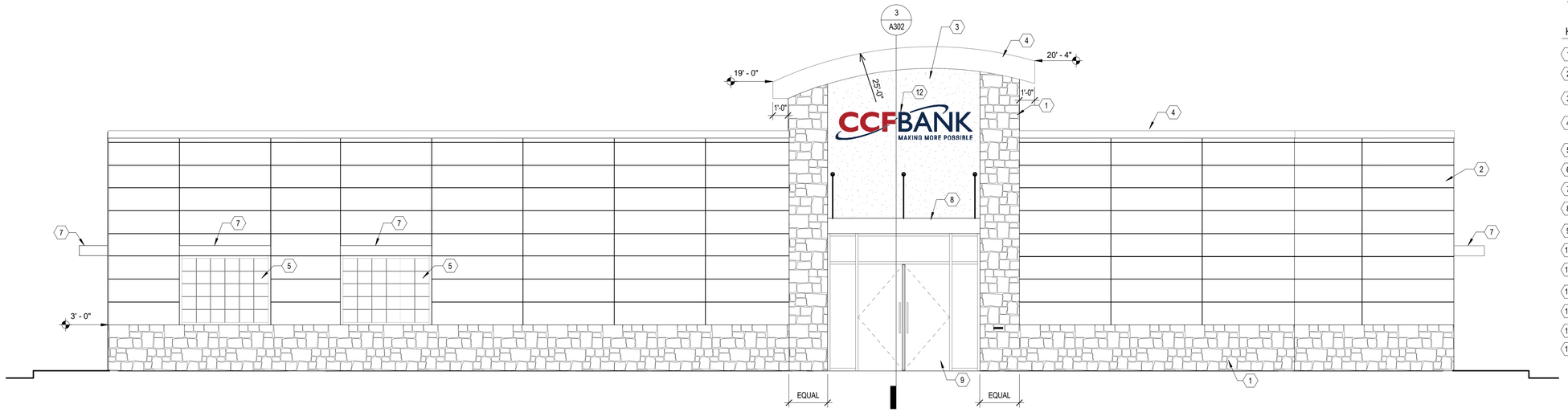
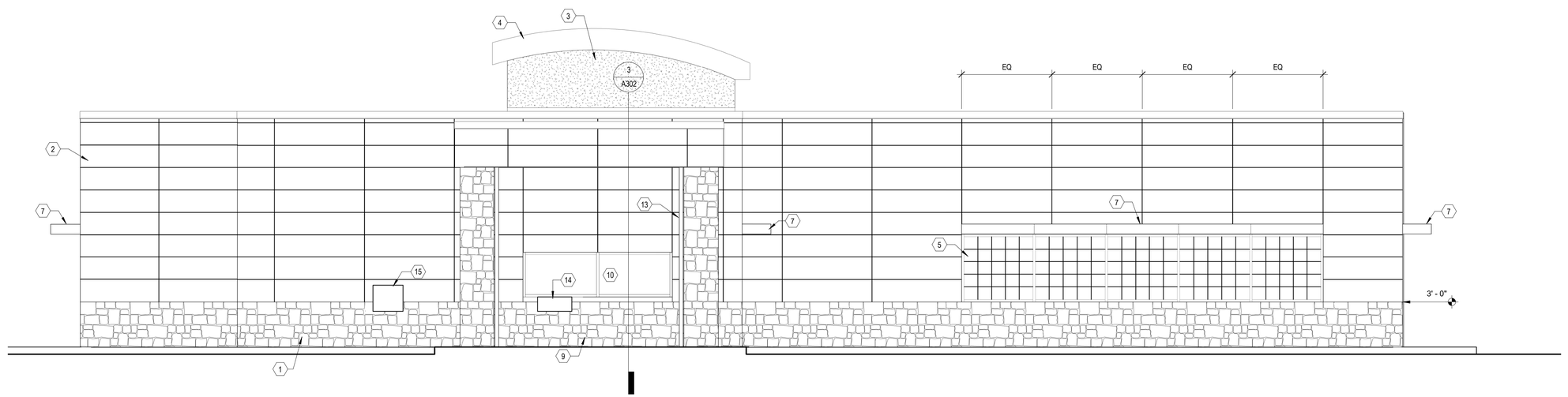
REFLECTED CEILING AND ROOF PLANS

A103



1 A201 EXTERIOR ELEVATION - SOUTH
1/4" = 1'-0"



2 A201 EXTERIOR ELEVATION - NORTH
1/4" = 1'-0"

GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS

KEYNOTES:

1. THIN STONE VENEER
2. 18" HIGH X 6'-0" WIDE NICHIHA TUFFBLOCK PANEL (OR APPROVED EQUAL)
3. EIFS
4. PREFINISHED METAL COPING (CUSTOM COLOR - CCF BLUE)
5. EXISTING ALUMINUM WINDOW TO REMAIN
6. NEW ALUMINUM WINDOW TO MATCH EXISTING
7. NEW PREFINISHED ALUMINUM SUNSHADE
8. NEW 8" HIGH ALUMINUM ENTRANCE CANOPY WITH TIE RODS.
9. NEW ALUMINUM STOREFRONT DOORS
10. NEW BULLET PROOF INSULATED ALUMINUM WINDOW
11. NEW INSULATED HOLLOW METAL DOOR AND FRAME. PAINT
12. NEW BACKLIT SIGNAGE
13. NEW PREFINISHED DOWNSPOUT
14. DEAL DRAWER
15. NIGHT DEPOSIT BOX

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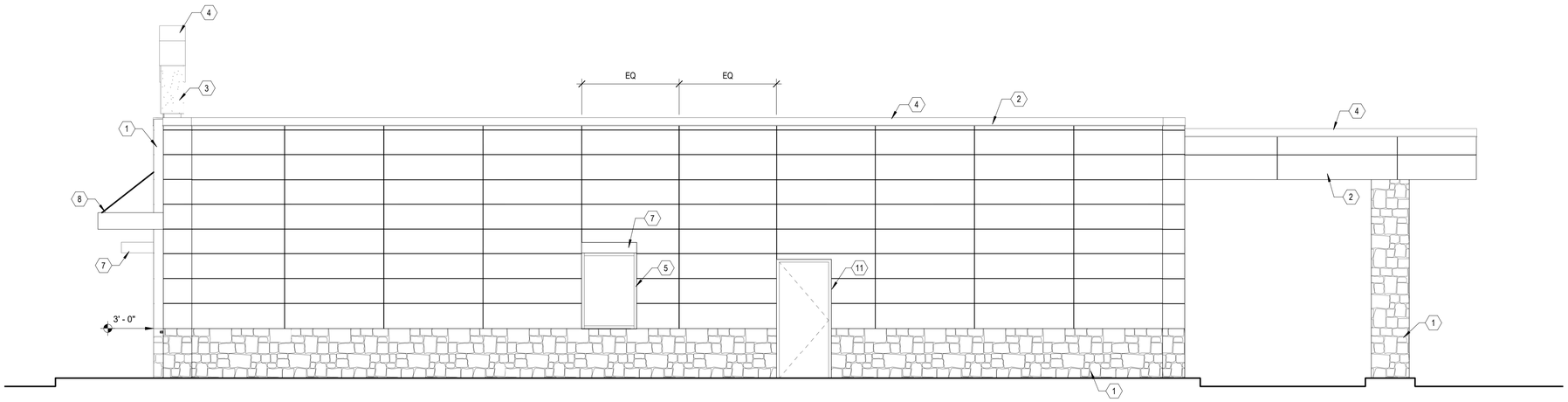
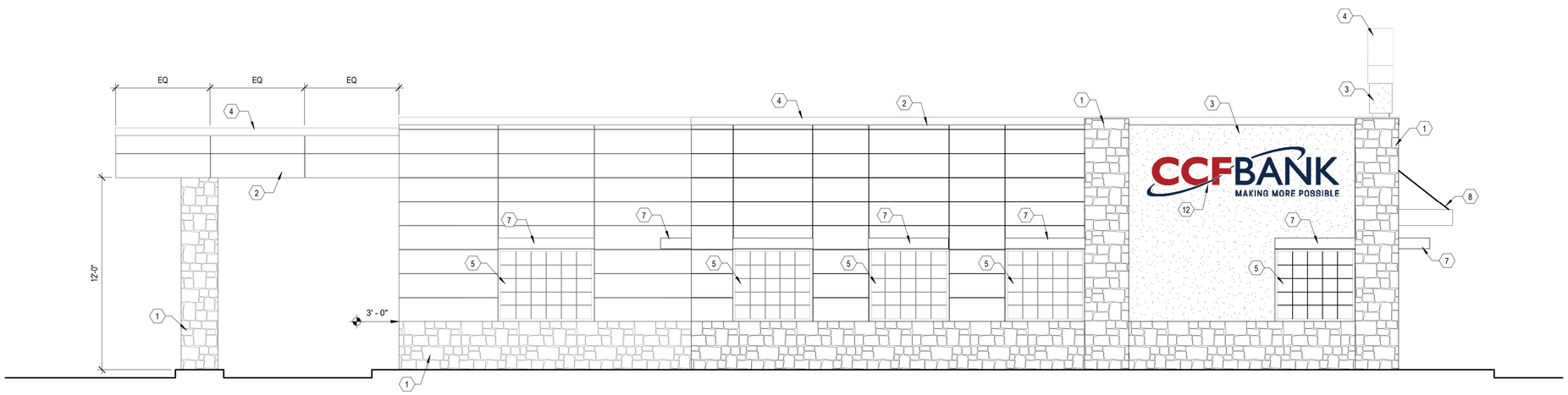
REV. #	DESCRIPTION	DATE

EXTERIOR ELEVATIONS

A201



1 A202 EXTERIOR ELEVATION - EAST
1/4" = 1'-0"



2 A202 EXTERIOR ELEVATION - WEST
1/4" = 1'-0"

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GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS

KEYNOTES:

1. THIN STONE VENEER
2. 18" HIGH X 6'-0" WIDE NICHIHA TUFFBLOCK PANEL (OR APPROVED EQUAL)
3. EIFS
4. PREFINISHED METAL COPING (CUSTOM COLOR - CCF BLUE)
5. EXISTING ALUMINUM WINDOW TO REMAIN
6. NEW ALUMINUM WINDOW TO MATCH EXISTING
7. NEW PREFINISHED ALUMINUM SUNSHADE
8. NEW 8" HIGH ALUMINUM ENTRANCE CANOPY WITH TIE RODS.
9. NEW ALUMINUM STOREFRONT DOORS
10. NEW BULLET PROOF INSULATED ALUMINUM WINDOW
11. NEW INSULATED HOLLOW METAL DOOR AND FRAME. PAINT
12. NEW BACKLIT SIGNAGE
13. NEW PREFINISHED DOWNSPOUT
14. DEAL DRAWER
15. NIGHT DEPOSIT BOX

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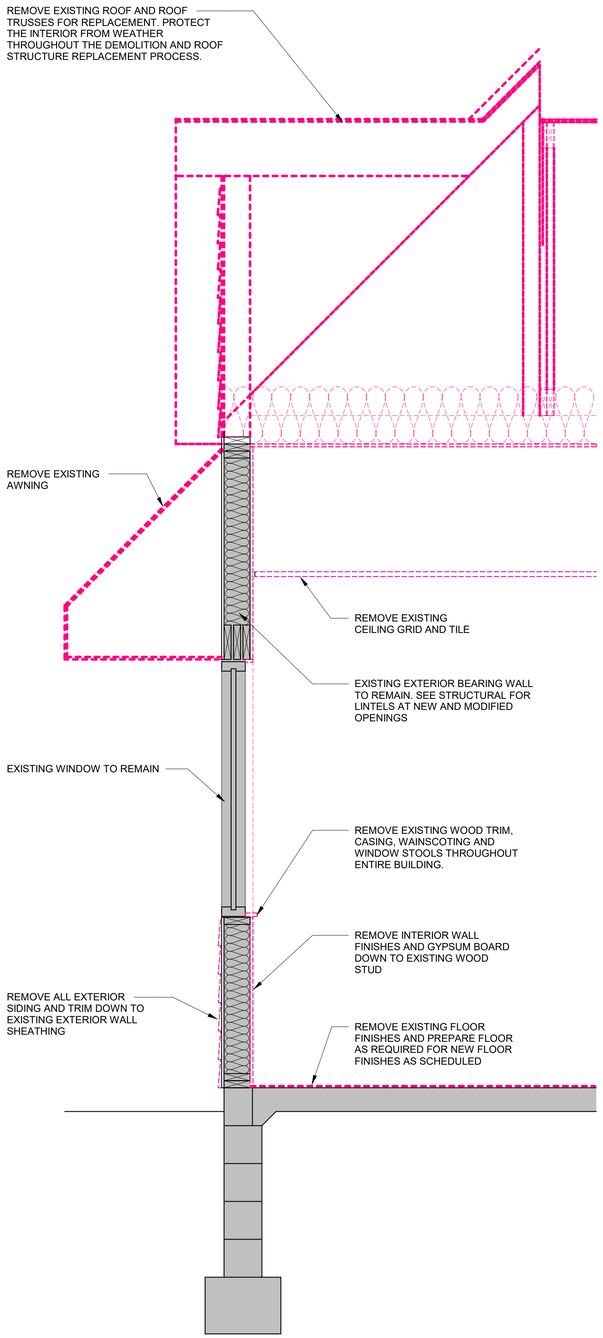
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

EXTERIOR ELEVATIONS

A202



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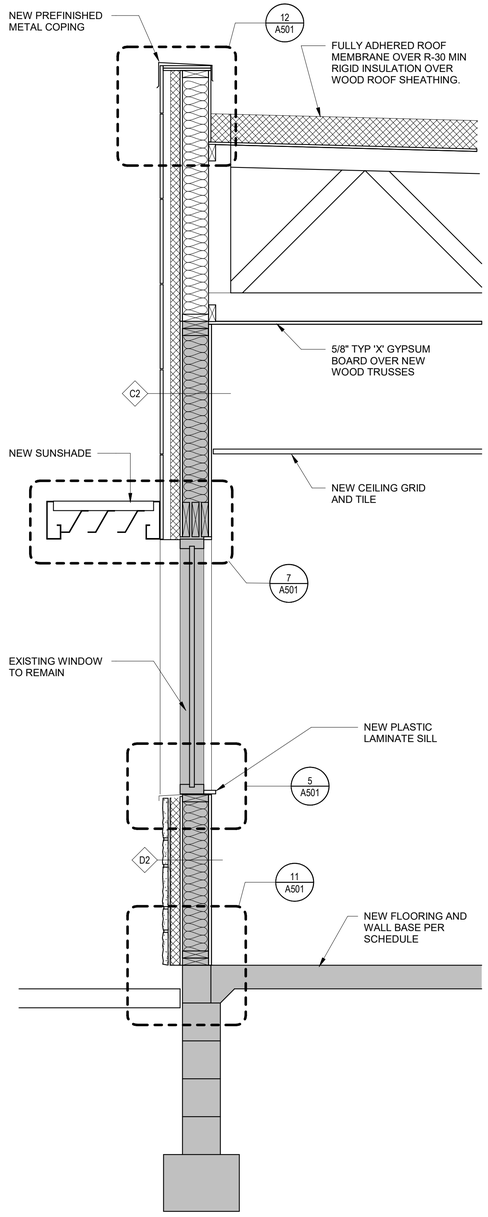
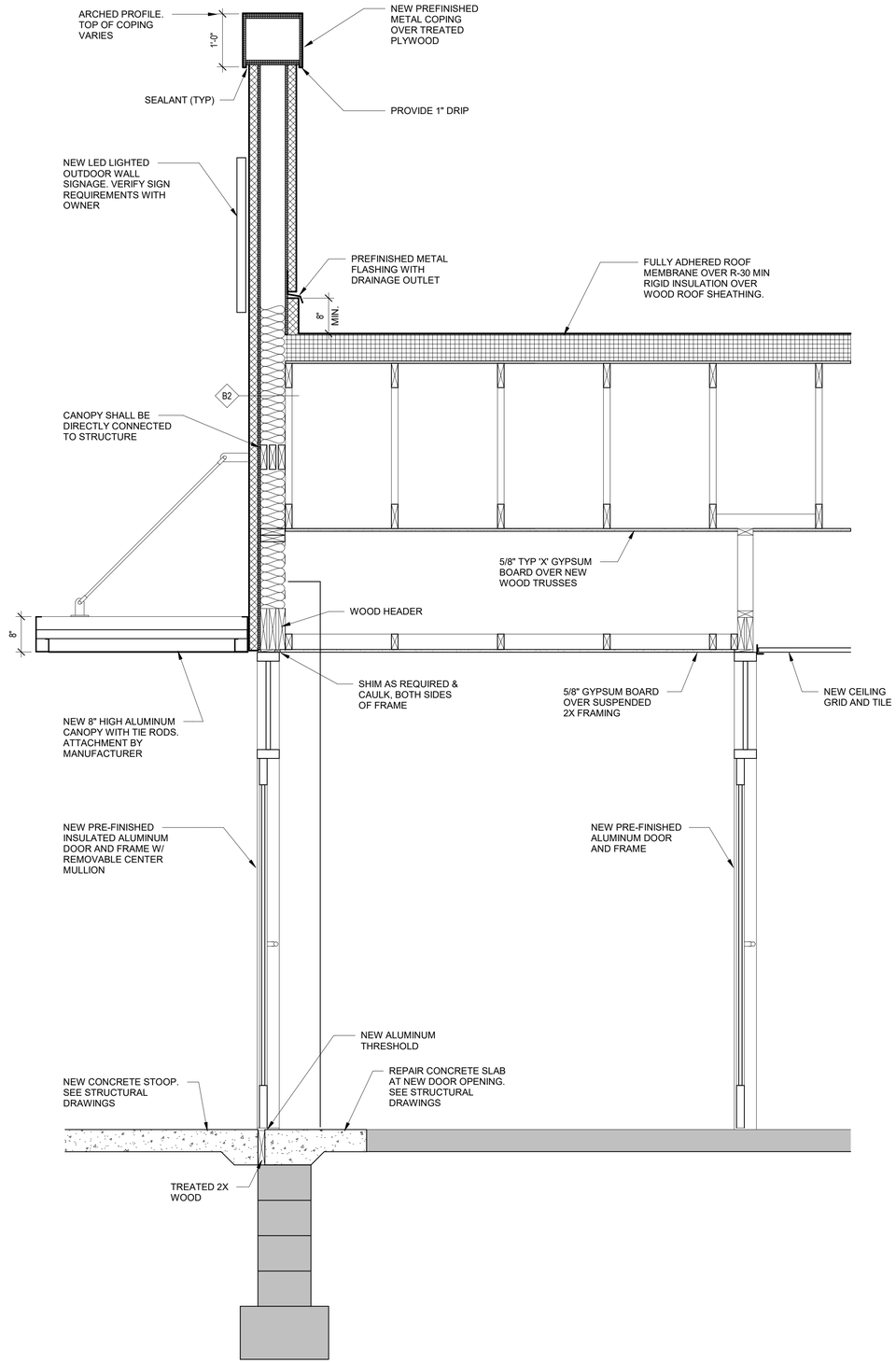
1 A301 WALL SECTION DEMO
3/4" = 1'-0"



2 A301 WALL SECTION NEW
3/4" = 1'-0"



3 A301 WALL SECTION AT ENTRY
3/4" = 1'-0"

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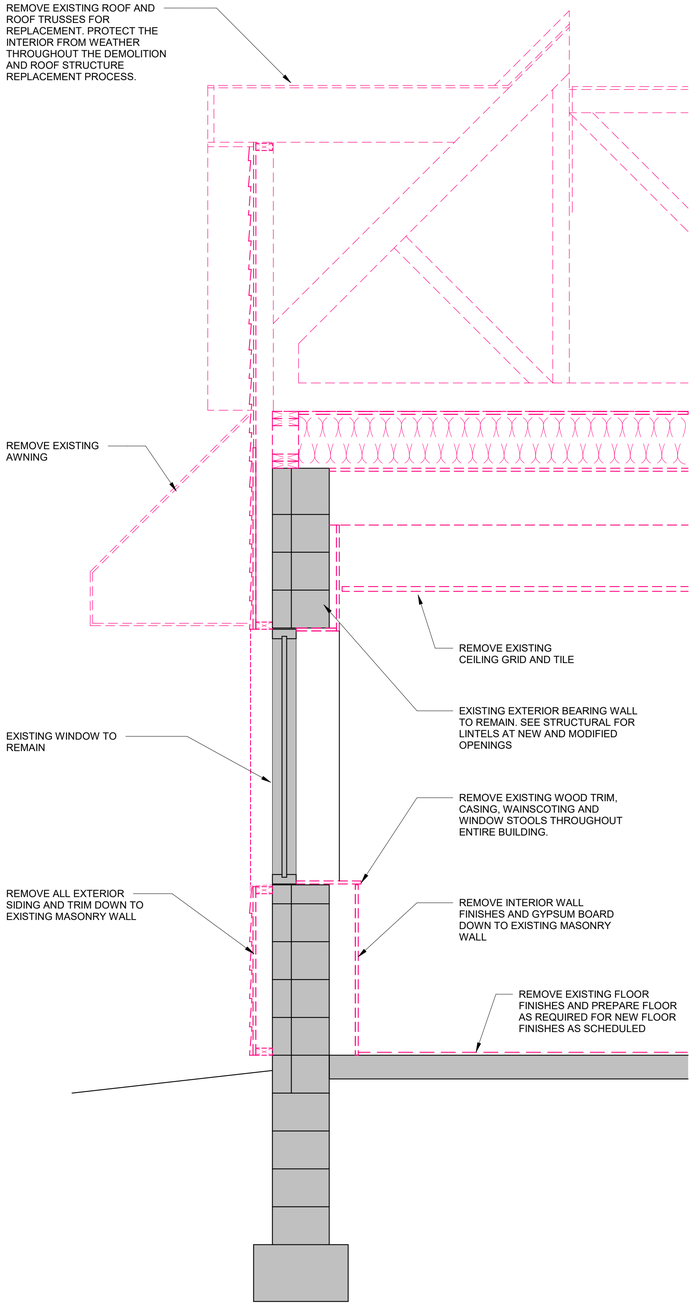
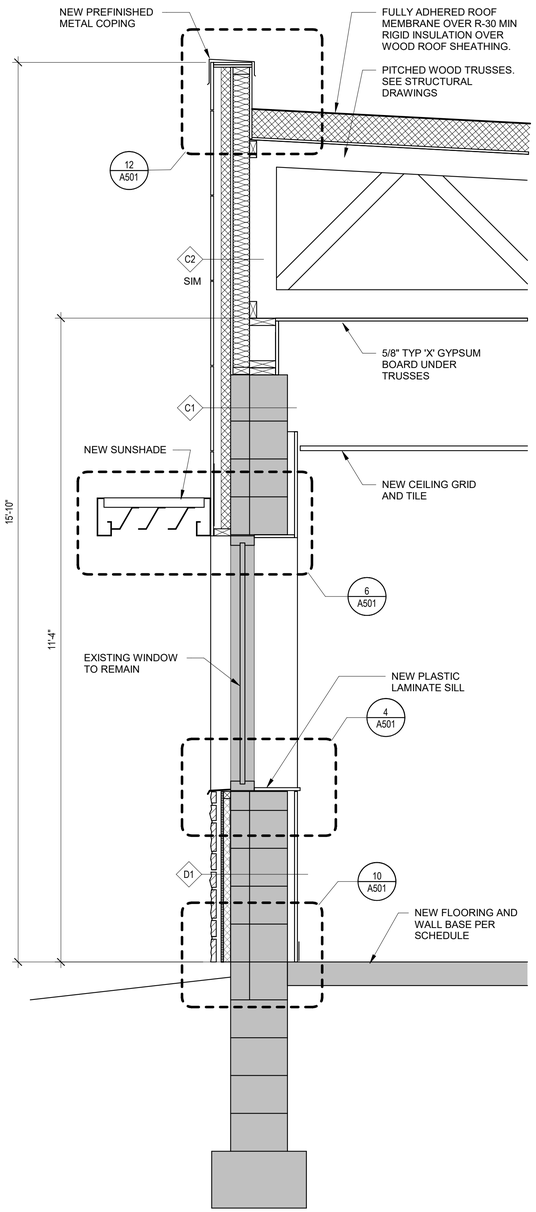
REV. #	DESCRIPTION	DATE

WALL SECTIONS

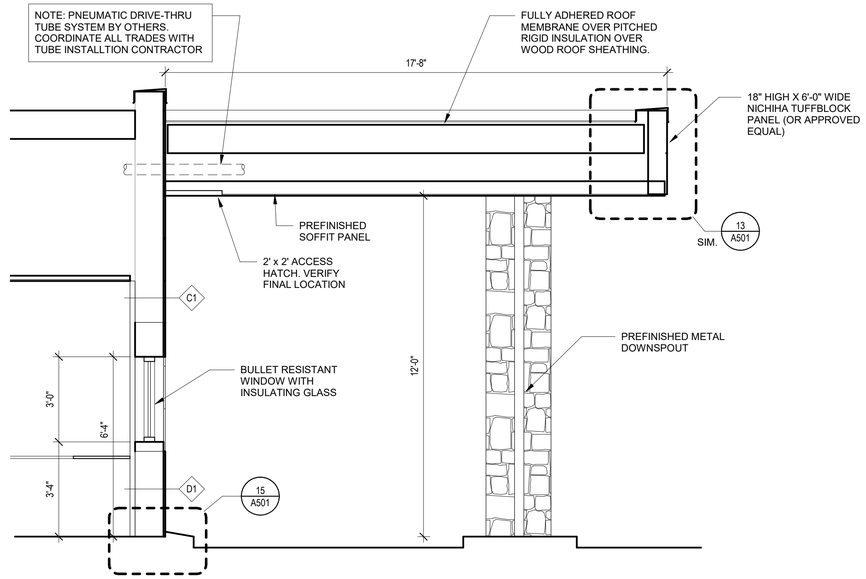
A301



1 A302 WALL SECTION DEMO
3/4" = 1'-0"



2 A302 WALL SECTION NEW
3/4" = 1'-0"



3 A302 CANOPY SECTION
3/8" = 1'-0"

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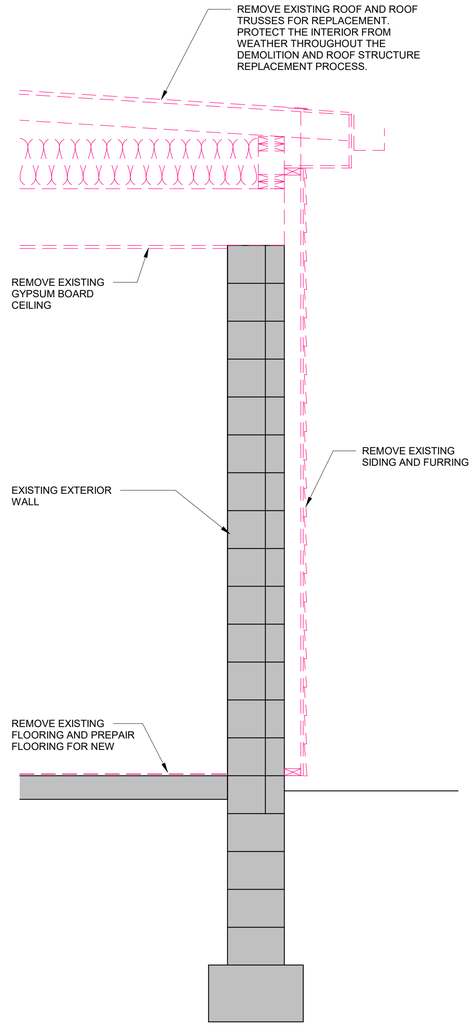
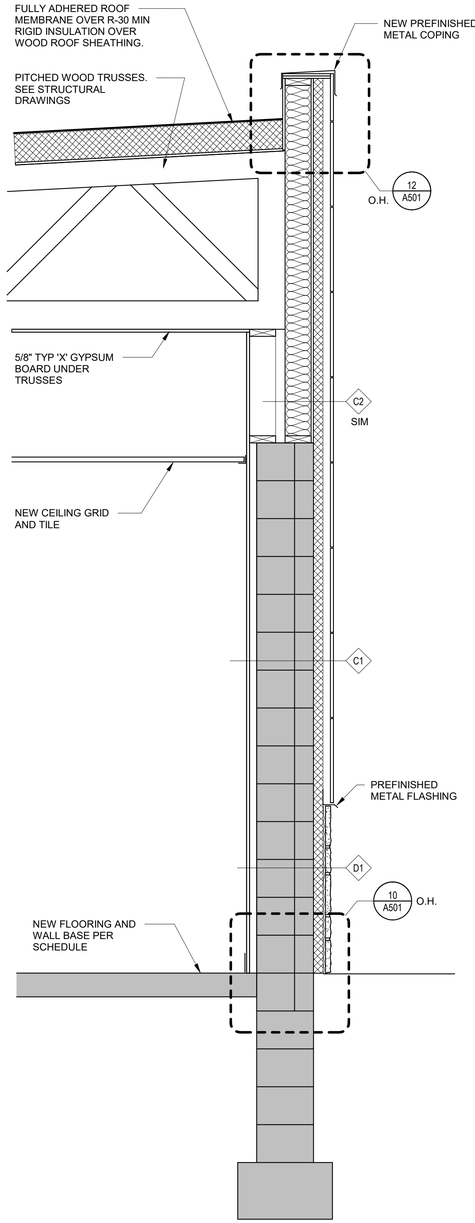
WALL SECTIONS

A302



1 A303 WALL SECTION DEMO
3/4" = 1'-0"



2 A303 WALL SECTION NEW
3/4" = 1'-0"

1/7/2022 2:30:21 PM

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141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	161151
Checked By	JRL
Drawn By	JRL

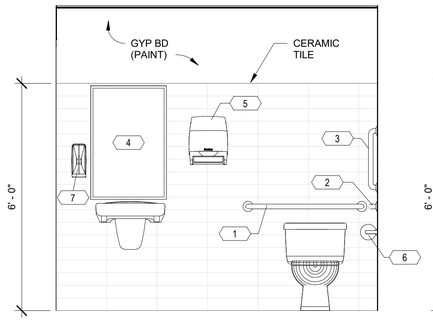
Project Status	**Issue Date**
	01-07-22

REVISION SCHEDULE

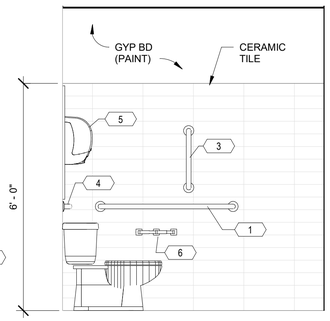
REV. #	DESCRIPTION	DATE

WALL SECTIONS

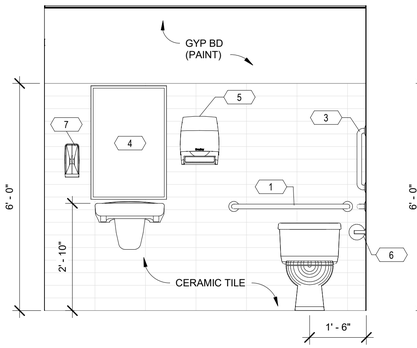
A303



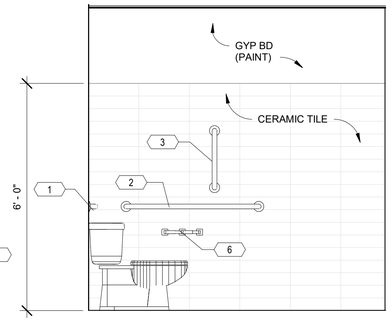
1 A401 TOILET ROOM ELEVATION
1/2" = 1'-0"



2 A401 TOILET ROOM ELEVATION
1/2" = 1'-0"



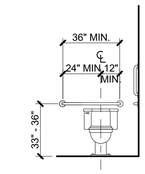
3 A401 TOILET ROOM ELEVATION
1/2" = 1'-0"



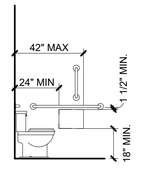
4 A401 TOILET ROOM ELEVATION
1/2" = 1'-0"

SPECIALTIES SCHEDULE	
KEYNOTE	SPECIALTIES DESCRIPTION
1	36" GRAB BAR
2	42" GRAB BAR
3	18" GRAB BAR
4	24" X 36" MIRROR
5	PAPER TOWEL DISPENSER
6	TOILET TISSUE DISPENSER
7	SOAP DISPENSER

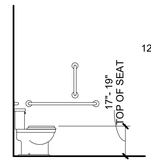
NOTE: VERIFY LOCATION OF PAPER TOWEL AND SOAP DISPENSERS WITH OWNER PRIOR TO INSTALLATION



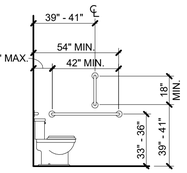
REAR WALL GRAB BAR FOR WATER CLOSET



TOILET PAPER DISPENSER LOCATION

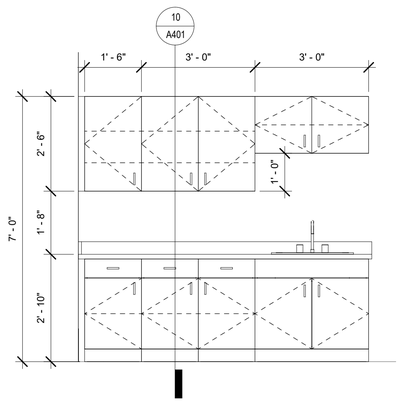


WATER CLOSET SEAT HEIGHT

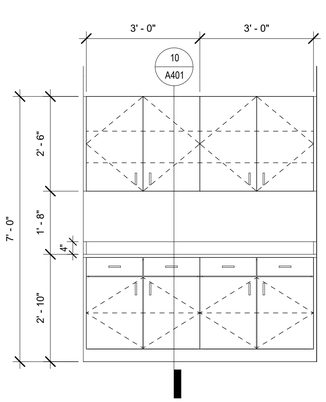


SIDE WALL GRABS BAR FOR WATER CLOSET

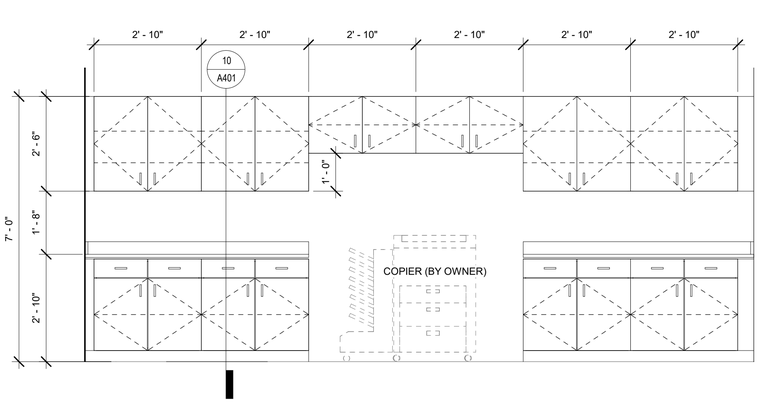
5 A401 TYPICAL TOILET ROOM DIMENSIONS
1/4" = 1'-0"



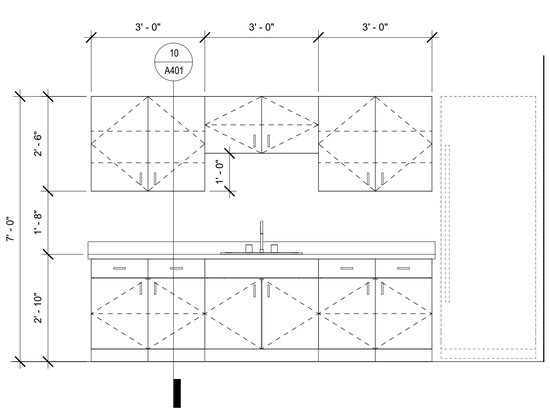
6 A401 CASEWORK ELEVATION
1/2" = 1'-0"



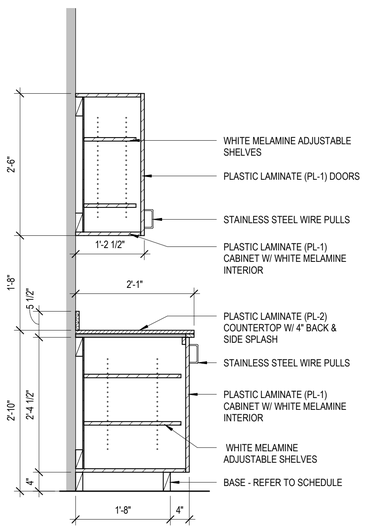
7 A401 CASEWORK ELEVATION
1/2" = 1'-0"



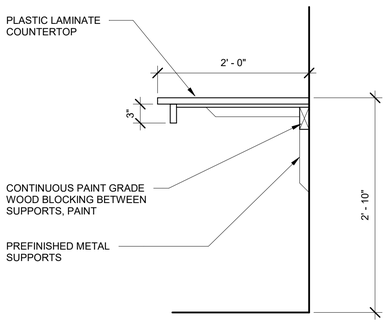
8 A401 CASEWORK ELEVATION
1/2" = 1'-0"



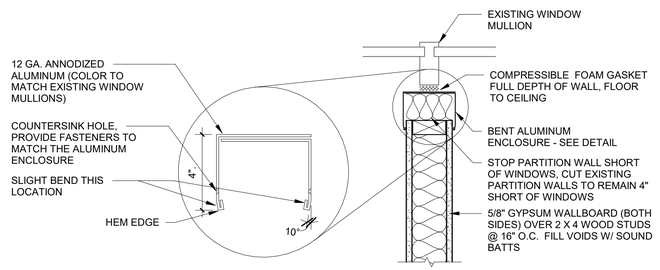
9 A401 STAFF LOUNGE CASEWORK ELEVATION
1/2" = 1'-0"



10 A401 ADA HT. CASEWORK, TYP.
3/4" = 1'-0"



11 A401 COUNTERTOP SECTION
1" = 1'-0"



12 A401 REMOVABLE WINDOW CLOSURE DETAIL
1 1/2" = 1'-0"

1/7/2022 2:30:29 PM

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141 S 7TH ST. LA CROSSE, WI 54601

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Project Status	**Issue Date**
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REVISION SCHEDULE

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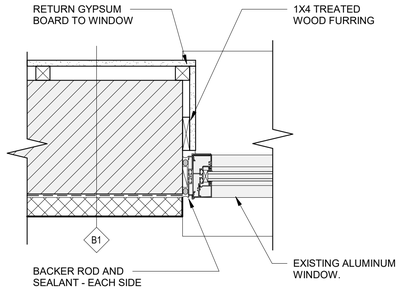
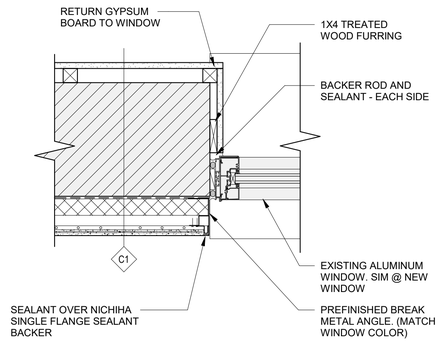
INTERIOR ELEVATIONS AND DETAILS

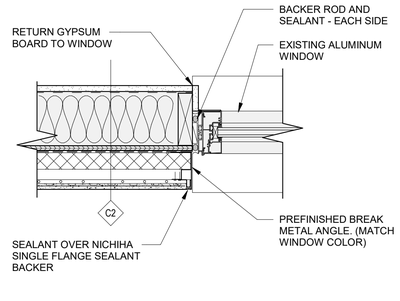
A401



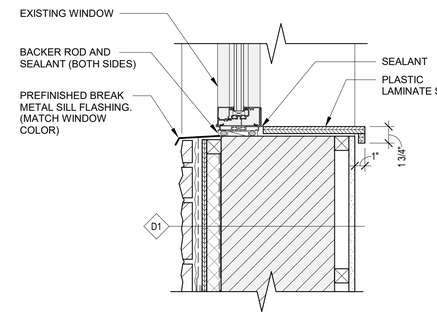
1 A501 — TYP. WINDOW JAMB DETAIL AT EIFS
1 1/2" = 1'-0"



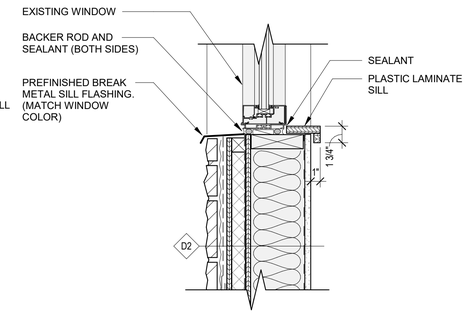
2 A501 — TYP. WINDOW JAMB DETAIL AT PANEL
1 1/2" = 1'-0"



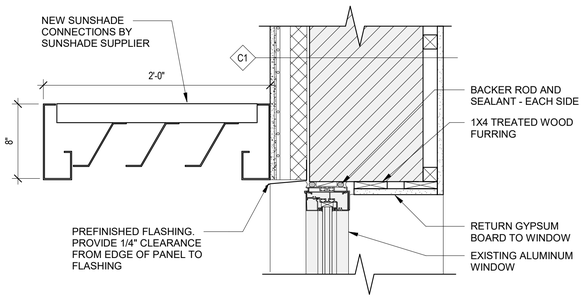
3 A501 — TYP. WINDOW JAMB DETAIL AT PANEL
1 1/2" = 1'-0"



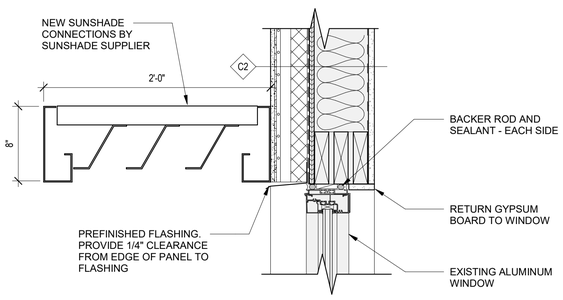
4 A501 — TYP. WINDOW SILL DETAIL
1 1/2" = 1'-0"



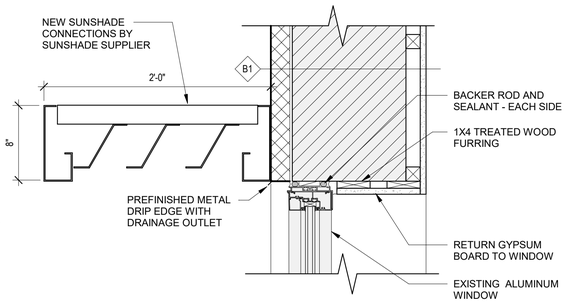
5 A501 — TYP. WINDOW SILL DETAIL
1 1/2" = 1'-0"



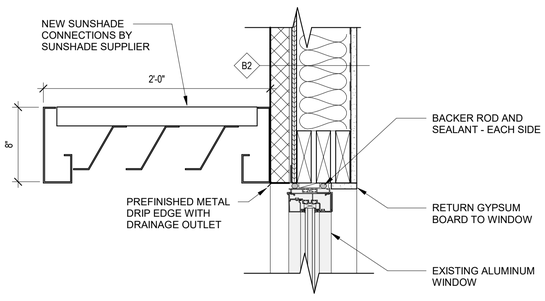
6 A501 — WINDOW HEAD / SUNSHADE DETAIL
1 1/2" = 1'-0"



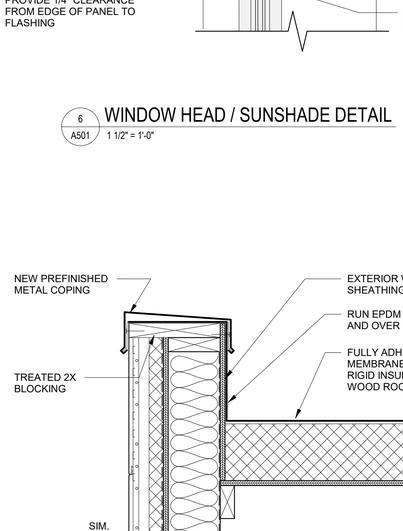
7 A501 — WINDOW HEAD / SUNSHADE DETAIL
1 1/2" = 1'-0"



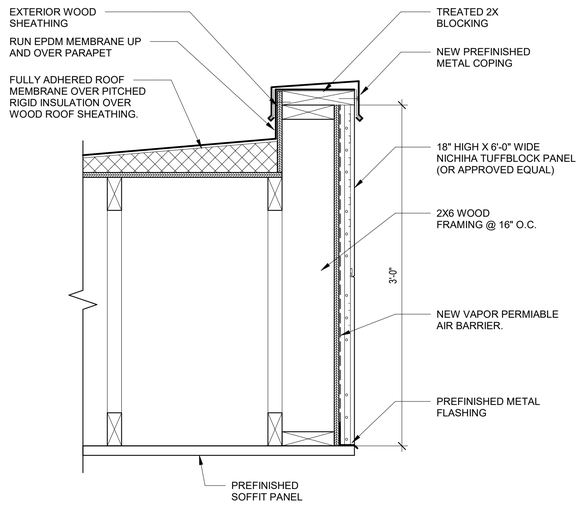
8 A501 — WINDOW HEAD / SUNSHADE DETAIL
1 1/2" = 1'-0"



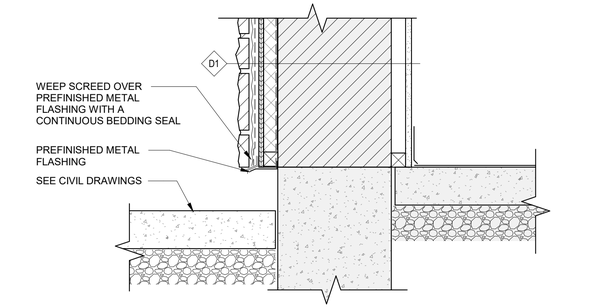
9 A501 — WINDOW HEAD / SUNSHADE DETAIL
1 1/2" = 1'-0"



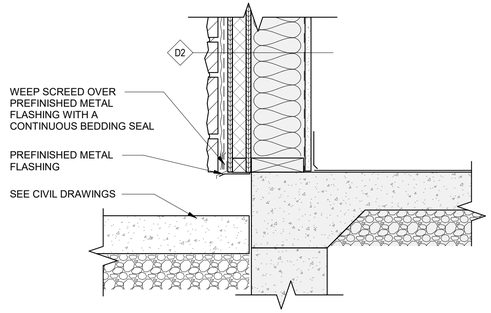
12 A501 — ROOF DETAIL AT PARAPET
1 1/2" = 1'-0"



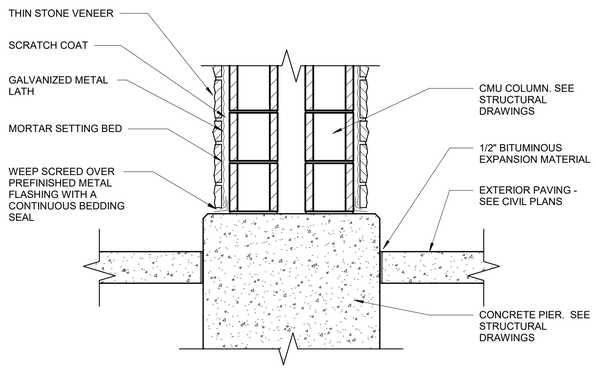
13 A501 — EXTERIOR DETAIL AT CANOPY
1 1/2" = 1'-0"



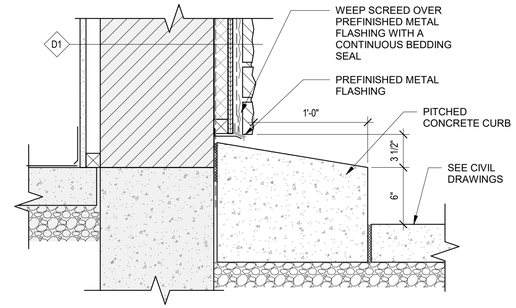
10 A501 — BASE OF WALL DETAIL
1 1/2" = 1'-0"



11 A501 — BASE OF WALL DETAIL
1 1/2" = 1'-0"



14 A501 — CANOPY COLUMN DETAIL
1" = 1'-0"



15 A501 — BASE OF WALL DETAIL @ DRIVE-THRU
1 1/2" = 1'-0"

1/7/2022 2:30:33 PM

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Project Status	**Issue Date**
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REVISION SCHEDULE

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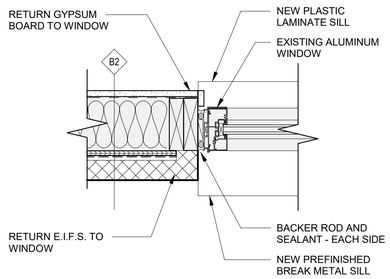
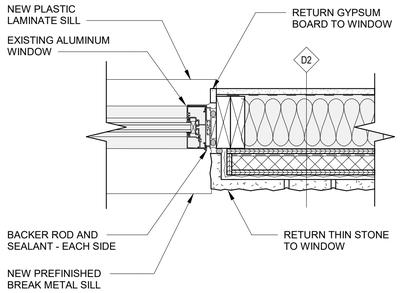
EXTERIOR DETAILS

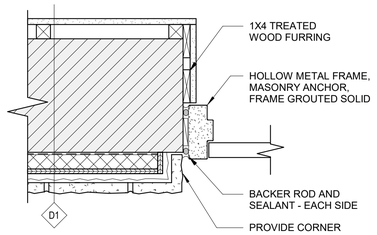
A501



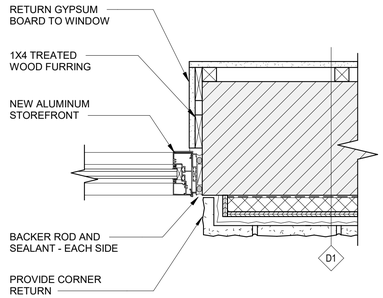
1 A502 DOOR JAMB DETAIL
1 1/2" = 1'-0"



2 A502 DOOR JAMB DETAIL
1 1/2" = 1'-0"



3 A502 DOOR JAMB DETAIL
1 1/2" = 1'-0"



4 A502 STOREFRONT JAMB DETAIL
1 1/2" = 1'-0"

1/7/2022 2:30:24 PM

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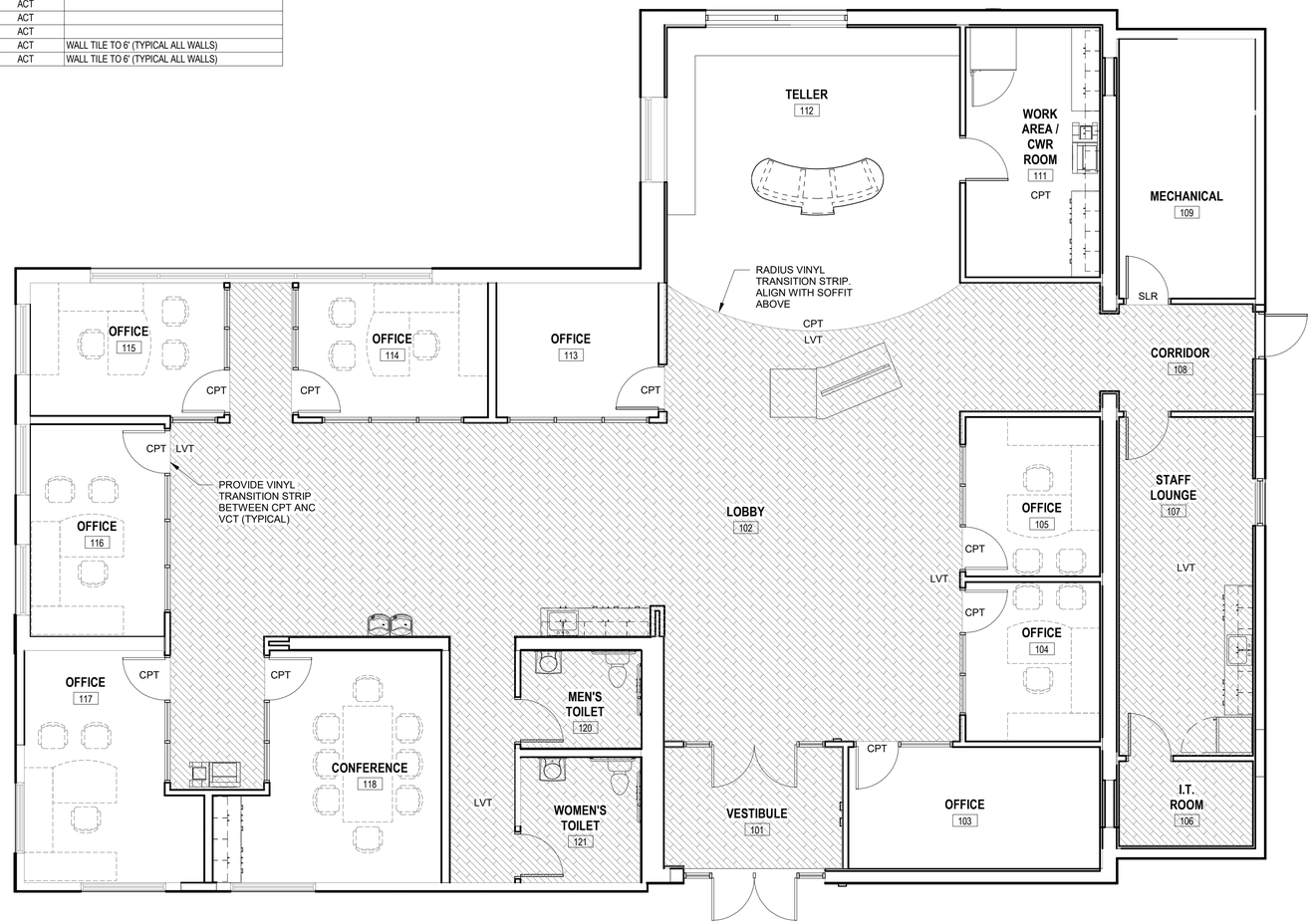
EXTERIOR DETAILS

A502

ROOM FINISH SCHEDULE										
				WALL FINISH				CEILINGS		
NUMBER	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	FINISH	MATERIAL	COMMENTS
101	VESTIBULE	LVT	VB	PT	PT	PT	PT	PT	GYP	
102	LOBBY	LVT	VB	PT	PT	PT	PT		ACT	
103	OFFICE	CPT	VB	PT	PT	PT	PT		ACT	
104	OFFICE	CPT	VB	PT	PT	PT	PT		ACT	
105	OFFICE	CPT	VB	PT	PT	PT	PT		ACT	
106	I.T. ROOM	LVT	VB	PT	PT	PT	PT	PT	GYP	
107	STAFF LOUNGE	LVT	VB	PT	PT	PT	PT		ACT	
108	CORRIDOR	CPT	VB	PT	PT	PT	PT		ACT	
109	MECHANICAL	SLR	VB	PT	PT	PT	PT	PT	GYP	
110	ELECTRICAL	SLR	VB	PT	PT	PT	PT	PT	GYP	
111	WORK AREA / CWR ROOM	CPT	VB	PT	PT	PT	PT		ACT	
112	TELLER	CPT	VB	PT	PT	PT	PT		ACT	
113	OFFICE	CPT	VB	PT	PT	PT	PT		ACT	
114	OFFICE	CPT	VB	PT	PT	PT	PT		ACT	
115	OFFICE	CPT	VB	PT	PT	PT	PT		ACT	
116	OFFICE	CPT	VB	PT	PT	PT	PT		ACT	
117	OFFICE	CPT	VB	PT	PT	PT	PT		ACT	
118	CONFERENCE	CPT	VB	PT	PT	PT	PT		ACT	
119	CORRIDOR	LVT	VB	PT	PT	PT	PT		ACT	
120	MEN'S TOILET	LVT	CT	CT/PT	CT/PT	CT/PT	CT/PT		ACT	WALL TILE TO 6' (TYPICAL ALL WALLS)
121	WOMEN'S TOILET	LVT	CT	CT/PT	CT/PT	CT/PT	CT/PT		ACT	WALL TILE TO 6' (TYPICAL ALL WALLS)

NOTE: AT LVT FLOORING, PROVIDE MOISTURE VAPOR MITIGATION SYSTEM PER SPEC SECTION 03 39 00 IF REQUIRED BY LVT INSTALLER

ACT: CEILING TILE
CONC: CONCRETE
CPT: CARPET TILE
CT: CERAMIC TILE
LVT: LUXURY VINYL TILE
VB: VINYL BASE
PT: PAINT
SLR: CONCRETE SEALER



1 A601 FINISH FLOOR PLAN
3/16" = 1'-0"

1/7/2022 2:30:41 PM

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Drawn By	JRL
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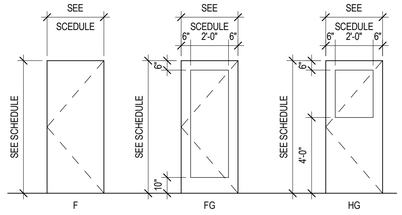
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

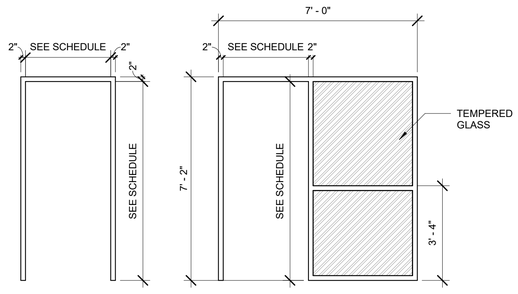
FINISH PLAN AND SCHEDULE

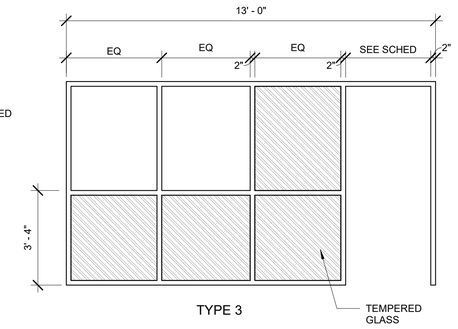
A601

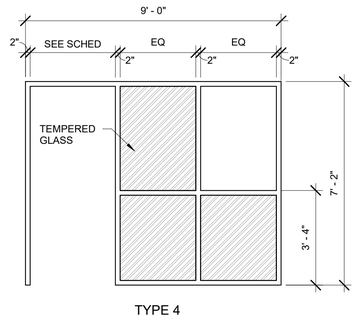


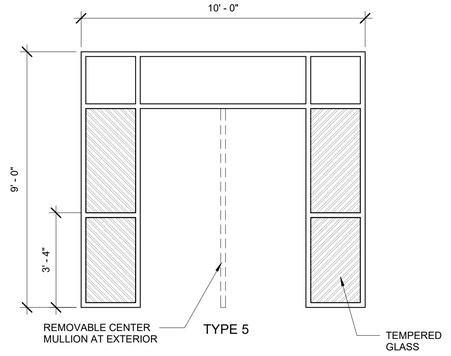
DOOR TYPES

DOOR SCHEDULE										
DOOR NUMBER	DOOR				FRAME		HW GROUP	DETAILS		REMARKS
	HEIGHT	WIDTH	MATERIAL	TYPE	MATERIAL	TYPE		HEAD	JAMB	
101A	7' - 0"	3' - 0"	AL	FG	AL	5	1A	3/A301	4/A502	
101B	7' - 0"	3' - 0"	AL	FG	AL	5	1B	3/A301	4/A502	
102	7' - 0"	6' - 0"	AL	FG	AL	5	2	3/A602	3/A602	
103	7' - 0"	3' - 0"	WD	FG	AL	2	3	3/A602	3/A602	
104	7' - 0"	3' - 0"	WD	FG	AL	4	3	3/A602	3/A602	
105	7' - 0"	3' - 0"	WD	FG	AL	4	3	3/A602	3/A602	
106	7' - 0"	3' - 0"	WD	F	HM	1	8	1/A602	1/A602	F.O.B. Access
107	7' - 0"	3' - 0"	WD	HG	HM	1	5	1/A602	1/A602	
108	7' - 0"	3' - 0"	HM	F	HM	1	7		3/A502	F.O.B. Access
109	7' - 0"	3' - 0"	WD	F	HM	1	6	1/A602	1/A602	
111	7' - 0"	3' - 0"	WD	HG	HM	1	8	1/A602	1/A602	F.O.B. Access
113	7' - 0"	3' - 0"	WD	FG	AL	1	3	3/A602	3/A602	
114	7' - 0"	3' - 0"	WD	FG	AL	4	3	3/A602	3/A602	
115	7' - 0"	3' - 0"	WD	FG	AL	4	3	3/A602	3/A602	
116	7' - 0"	3' - 0"	WD	FG	AL	3	3	3/A602	3/A602	
117	7' - 0"	3' - 0"	WD	FG	AL	4	3	3/A602	3/A602	
118	7' - 0"	3' - 0"	WD	FG	AL	4	5	3/A602	3/A602	
120	7' - 0"	3' - 0"	WD	F	HM	1	4	1/A602	1/A602	
121	7' - 0"	3' - 0"	WD	F	HM	1	4	1/A602	1/A602	

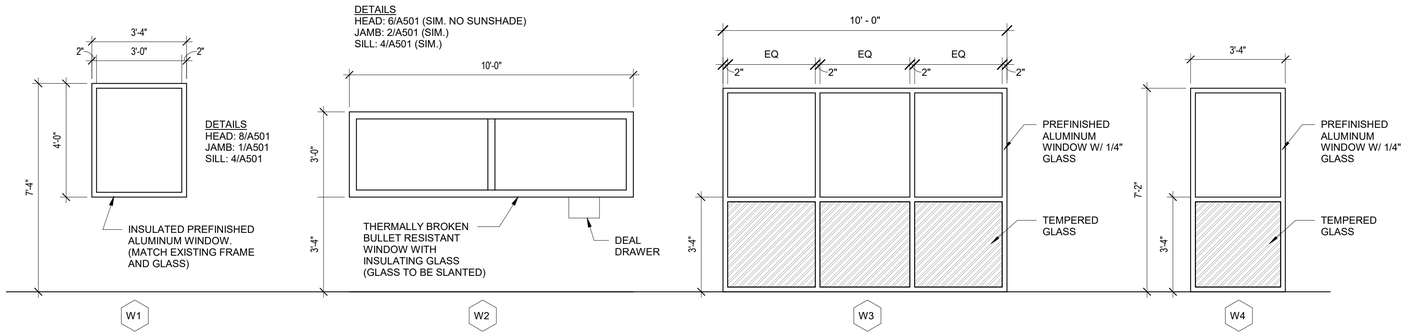




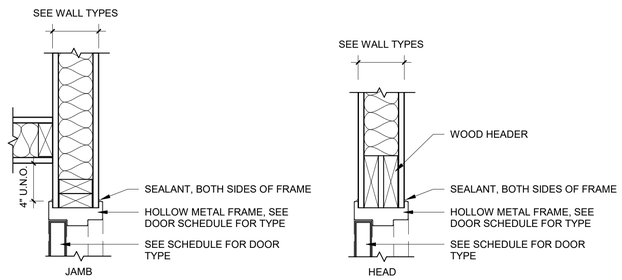




FRAME TYPES

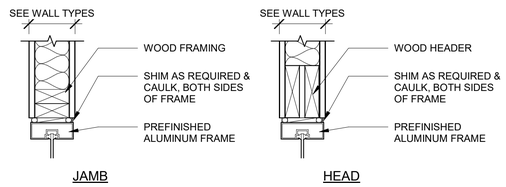


WINDOW TYPES



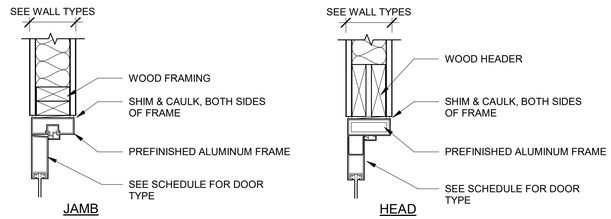
1 A602 — TYP. INTERIOR H.M. DOOR FRAME DETAILS

1 1/2" = 1'-0"



2 A602 — INTERIOR WINDOW DETAILS

1 1/2" = 1'-0"



3 A602 — INTERIOR DOOR DETAILS - ALUM. FRAME

1 1/2" = 1'-0"

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SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	161151
Checked By	JRL
Drawn By	JRL

Project Status	**Issue Date**
	01-07-22

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

DOOR SCHEDULE AND DETAILS

A602

ABBREVIATIONS

&	AND
L	ANGLE
@	AT
℄	CENTERLINE
∅	DIAMETER/ROUND
(E)	EXISTING
#	POUND/NUMBER
+/-	PLUS OR MINUS
SQ	SQUARE
AB	ANCHOR BOLT
ADD	ADDENDUM
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
ADJA	ADJACENT
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTER OR ALTERNATE
ANCH	ANCHOR
ANG	ANGLE
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT (PAVING)
BITUM	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BM	BEAM
BOT	BOTTOM
BRG	BEARING
BRKT	BRACKET
BTWN	BETWEEN
C	CHANNEL
CANT	CANTILEVER
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CLR	CLEAR
CM	CENTIMETER
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMP	COMPOSITE
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CRM	CONCRETE RUBBLE MASONRY
CTR	CENTER
d	PENNY (NAILS)
D	DEEP/DEPTH
DBL	DOUBLE
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DWL	DOWEL
DWG	DRAWING
DWR	DRAWER

E	EAST
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATION
ENCL	ENCLOSURE
EQ	EQUAL
EQPT	EQUIPMENT
EW	EACH WAY
EXP	EXPANSION
EXIST	EXISTING
EXT	EXTERIOR
EXTN	EXTENSION
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
FH	FLAT HEAD
FL	FLOOR
FND	FOUNDATION
FR	FRAME
FRP	FIBERGLASS REINFORCED POLYESTER/PLASTIC
FS	FOOTING STEP
FT	FOOT/FEET
FTG	FOOTING
FV	FIELD VERIFY
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GB	GRADE BEAM
GEN	GENERATOR
GP	GUSSET PLATE
GR	GRADE
H	HEIGHT/HIGH
HC	HOLLOW CORE
HD	HEAD
HEF	HORIZONTAL EACH FACE
HIF	HORIZONTAL INSIDE FACE
HOF	HORIZONTAL OUTSIDE FACE
HORIZ	HORIZONTAL
HR	HOUR
HS	HEADED STUD
HSS	HOLLOW STRUCTURAL SHAPE
ID	INSIDE DIAMETER (DIMENSION)
IN	INCH
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
JBE	JOIST BEARING ELEVATION
JGBE	JOIST GIRDER BEARING ELEVATION
JST	JOIST
JT	JOINT

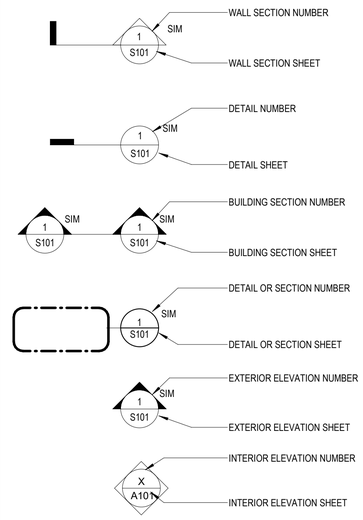
K	KIPS
KG	KILOGRAM
KM	KILOMETER
KO	KNOCK-OUT
KW	KILOWATT
L	LENGTH/LONG
L#	LINTEL
LB	POUND
LF	LINEAL FOOT
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LONG	LONGITUDINAL
LTL	LINTEL
LVR	LOUVER
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEMB	MEMBRANE
MFR	MANUFACTURER
MFG	MANUFACTURING
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MM	MILLIMETER
MTL	METAL
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NO SCALE
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER (DIMENSION)
OPNG	OPENING
OPP	OPPOSITE
OVHD	OVERHEAD
PC	PRECAST
PCF	POUNDS PER CUBIC FOOT
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PLATE
PLYWD	PLYWOOD
PNL	PANEL
PREFAB	PREFABRICATED
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
QT	QUARRY TILE
R	RISER
RAD	RADIUS
REF	REFERENCE/REFER
REINF	REINFORCED/REINFORCING
REQ	REQUIRED
REV	REVISED/REVISION
RH	ROUND HEAD
RLG	RAILING
RM	ROOM
RO	ROUGH OPENING
RTU	ROOF TOP UNIT

S	SOUTH
SCHED	SCHEDULE
SECT	SECTION
SER	STRUCTURAL ENGINEER OF RECORD
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SL	SLOPE
SLNT	SEALANT
SLH	SHORT LEG HORIZONTAL
SLV	SHORT LEG VERTICAL
SM	SQUARE METER
SOG	SLAB ON GRADE
SP	SPACED
SPEC	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUC	STRUCTURE/STRUCTURAL
SUSP	SUSPEND/SUSPENDED
SYM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
TBE	TOP OF BEAM ELEVATION
TD	TRENCH DRAIN
TFE	TOP OF FOOTING ELEVATION
THK	THICK/THICKNESS
THR	THRESHOLD
THRD	THREADED
TOS	TOP OF STEEL
TRANS	TRANSVERSE
TSE	TOP OF SLAB ELEVATION
TWE	TOP OF WALL ELEVATION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAR	VARIES
VEF	VERTICAL EACH FACE
VERT	VERTICAL
VIF	VERTICAL INSIDE FACE OR VERIFY IN FIELD
VL#	VENEER LINTEL
VLE	VENEER LEDGE ELEVATION
VLS	VENEER LEDGE STEP
VOF	VERTICAL OUTSIDE FACE
VOL	VOLUME
W	WEST/WIDTH/WIDE
W	WIDE FLANGE (STEEL)
WF	WIDE FLANGE (ALUMINUM)
W/	WITH
W/O	WITHOUT
WP	WATERPROOF
WPM	WATERPROOF MEMBRANE
WS	WATER STOP
WR	WATER RESISTANT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

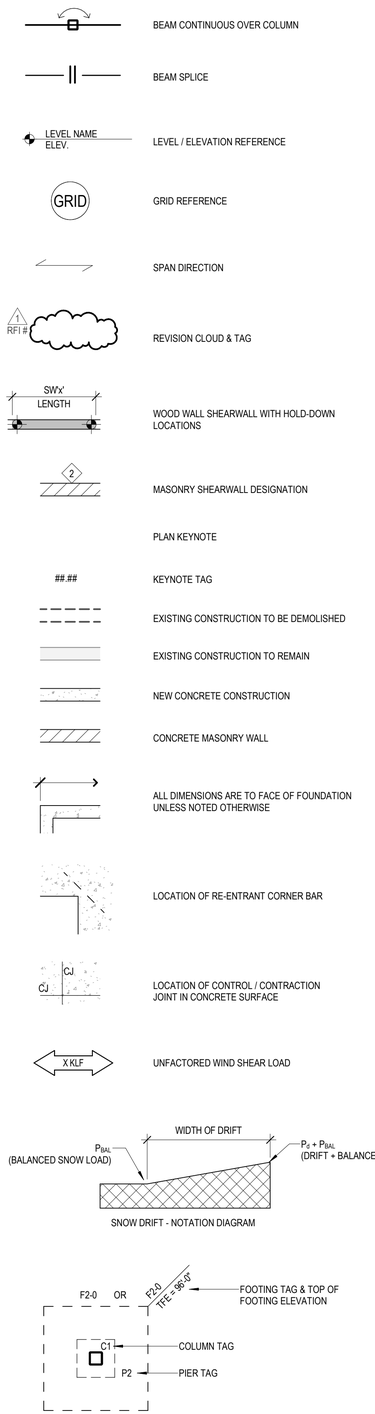
MATERIAL SYMBOLS

- GRAVEL
- SOIL
- BASE COURSE, SUB-BASE, GRAVEL, CRUSHED ROCK
- CONCRETE
- BRICK MASONRY
- CUT STONE, SAND, MORTAR, PLASTER
- CONCRETE MASONRY UNITS
- STEEL
- ALUMINUM (OMIT IN THIN MATERIAL)
- INSULATION BOARD
- RIGID INSULATION
- WOOD FRAMING THROUGH MEMBER
- WOOD FRAMING INTERRUPTED MEMBER
- PLYWOOD
- GYPSUM BOARD
- PARTICLE BOARD

CALLOUT SYMBOLS



ANNOTATION SYMBOLS



STRUCTURAL SHEET INDEX

S001	GENERAL STRUCTURAL ABBREVIATIONS AND SYMBOLS
S002	GENERAL STRUCTURAL NOTES
S071	EXISTING CONDITIONS AND DEMO PLAN
S101	FOUNDATION AND FRAMING MODIFICATIONS
S501	STRUCTURAL DETAILS

SEH

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	CITCO 161151
Checked By	BWOLF
Drawn By	NSIEMS

Project Status — **Issue Date**

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

GENERAL STRUCTURAL ABBREVIATIONS AND SYMBOLS

S001

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General Structural Notes:

These notes do not replace the specifications but are to be read in conjunction with them. Any discrepancies or conflicts between the two shall be brought to the attention of the Structural Engineer of Record (SER) for resolution.

These drawings are for the CCF Bank New La Crosse Branch Building Remodel Project (SEH project number CITCO-161151) and no other use is authorized. Contact SER, Benjamin A. Wolf at SEH 507-254-0431.

GOVERNING BUILDING CODE:
2018 Wisconsin Commercial Building Code
2015 International Building Code as adopted and amended by the state building code

DESIGN CODES AND STANDARDS:
ACI Manual of Concrete Practice
ACI 318, 301 Building Code Requirements & Specifications for Structural Concrete
ACI 530 / TMS 402 / ASCE 5 Building Code Requirements & Specifications for Masonry Structures
AISC 360, 303 Specification for Structural Steel Buildings
AWC NDS National Design Specification for Wood Construction
CRSI Manual of Standard Practice

DESIGN LOADS PER ASCE 7-10
Risk category II
1. Dead load:
   - Superimposed roof load 25 PSF
   - Includes 10 PSF allowance for rooftop solar system
   - See wood trusses section for additional top/bot chord loads
2. Snow loads:

Ground snow load	40 PSF
Importance factor	1.0
Roof snow load	28 PSF + drifting & unbalanced
Snow exposure factor	1.0
Thermal factor	1.0
Rain loads	n/a

3. Wind loads:

Wind speed (3 sec gust)	115 mph
Wind exposure	B
Mean roof height	20 feet
Kd	0.85
Kzt	1.0
G	0.85 (rigid building)
Structure is:	Enclosed
Internal press coef	+/-0.18
Interior walls	5 PSF lateral load

Manufacturers of items to be installed outdoors (including solar panel system) shall provide wind loading calculations signed and sealed by an engineer licensed in the state of the project.

See Wood Truss sections of these Notes for wind uplift requirements.

4. Seismic loads:

Site class	D
Ss	0.051 g
S1	0.039 g
Fa	1.6
Fv	2.4
Sds	0.055 g
Sd1	0.063 g
Ie	1.0
Seismic design category	A

5. Soil criteria:
   - Allowable soil bearing pressure 1,500 PSF assumed
   - Dewater as required to keep excavations dry
   - Frost depth 48 inches (heated building)
   - 60 inches (unheated structure)

DESIGN / CONSTRUCTION CRITERIA
1. The contractor shall verify dimensions and conditions before construction and notify the engineer of any discrepancies, inconsistencies, or difficulties affecting the work before proceeding.
2. All material, workmanship, and details shall be in accordance with typical competent construction practices, current manufacturer's recommendations, and all applicable codes and government regulations.
3. The contractor shall coordinate all disciplines, verifying size and location of all openings, whether shown on structural drawings or not, as called for on process, architectural, mechanical, electrical or other drawings. All conflicts, inconsistencies, or other difficulties affecting structural work shall be called to the architect and engineer's attention for direction before proceeding.
4. The contractor shall supply all necessary temporary bracing, shoring, guying, or other means to avoid excessive stresses and to hold structural elements in place during construction.
5. Job site safety (including excavations) is the sole responsibility of the general contractor and their subcontractors.
6. The engineer is not responsible for construction means, methods, techniques or practices. Where drawings and details imply this, they are provided to show final construction. If contractor desires to use different means and methods than implied by these drawings, submit similar details for review.
7. Standard or typical structural details are intended to illustrate design concepts and to specify material and required physical dimensions matching or similar to the referenced locations in the drawing set. Standard details apply whether or not they are cut on the drawings.
8. There is no provision for future vertical or horizontal expansion in the design.

EXISTING CONSTRUCTION
1. Before proceeding with any work within the existing facility, the contractor shall familiarize themself with existing structural and other conditions. It shall be the contractor's responsibility to design, provide, and erect all necessary bracing, shoring and other safeguards to maintain all parts of the existing work in a safe condition during the process of demolition and construction and to protect from damage those portions of the existing work which are to remain.
2. The contractor shall field verify the dimensions, elevations, etc. necessary for the proper construction and alignment of the new portions of the work to the existing work. The contractor shall make all measurements necessary for fabrication and erection of structural members. Any discrepancy shall be immediately brought to the attention of the engineer.
3. Any existing construction damaged in the removal of adjacent elements shall be replaced at the contractor's expense.
4. Where existing concrete elements are to be demolished and reinforcing is not required to remain, cut existing reinforcing flush with concrete to remain and coat with epoxy, unless covered with concrete in final construction.

FOUNDATIONS
1. CAUTION: Existing underground utilities may exist anywhere on the site. Notify owner and Digger's hotline (800) 242-8511 (Wisconsin) prior to disturbing any grade or excavation.
2. Structural foundations consist of wall and spread footings established on material capable of safely supporting 1,500 PSF assumed. The structural engineer is not responsible for the accuracy or content of the subsurface soil conditions. A licensed geotechnical engineer shall be present during construction to test, inspect and verify all assumed soil conditions as required.
3. Away from walls, place fill in 8 inch loose lifts and compact to 98 percent Standard Proctor beneath foundations, 95 percent otherwise.
4. When placing compacted fill adjacent to foundation walls and piers, place backfill at equal rates on both sides to prevent overturning or structural damage.
5. Contractor shall provide for dewatering at excavations from either surface water or seepage.
6. Moisture content in soils beneath building locations should not be allowed to vary after footing excavations and after grading for slabs on grade are completed to a degree that would de-stabilize the compacted soil. If subgrade materials become desiccated or softened by water or other conditions, remove and replace with engineered fill as recommended by the geotechnical engineer. Do not place concrete on frozen ground, nor allow ground beneath foundations to freeze. All foundation work shall be placed on substrate approved and tested by geotechnical engineer of record.
7. Do not place backfill on frozen subgrade. Do not place frozen backfill.

FOUNDATIONS (CONTINUED)
8. Slabs on grade shall be constructed on a subgrade of native material or engineered fill if soil correction is required, compacted to at least 98 percent of its maximum dry density (standard proctor), and 6 inches of WisDOT base aggregate (dense) below the slab compacted to 100 percent standard proctor density unless noted otherwise in geotechnical report. In wet or potentially wet situations, use Aggregate Filter/Base (as defined above).
9. Grading: where not specifically shown on the plans, it is intended that all excavated and backfilled areas shall be graded to slope away from buildings and other structures.

CONCRETE
1. An independent testing agency shall cast 4 six inch test cylinders or an equivalent number of four inch cylinders for each 75 cubic yards of each concrete mix placed or for each day's operation, whichever is the lesser amount. The testing agency shall cast, cure, and test the specimens in accordance with ASTM C31 and ASTM C39. Air, temperature, and slump shall be tested at minimum for the first truck and every third truck thereafter (1st, 4th, 7th, etc.) or when a change in properties is noticed, at the final location (test after pump, not at truck).
2. The contractor shall be responsible for the design of form work to comply with the dimensions indicated on the plans, maintaining proper alignment during concrete pouring operations. Special care shall be taken with formwork for self-consolidating concrete.
3. All concrete except as noted in the following paragraphs shall meet the following requirements:
   - Compressive Strength f'c = 4,000 PSI min at 28 days
   - Water / (cement + pozzolan) ratio 0.45 max
4. Concrete used in exterior flatwork and stoop slabs shall meet the following requirements:
   - Compressive Strength f'c = 4,500 PSI min at 28 days
   - Water / (cement + pozzolan) ratio 0.45 max
   - Portland cement content 450 pounds per cubic yard min
5. Concrete used in footings shall meet the following requirements:
   - Compressive Strength f'c = 3,000 PSI min at 28 days
   - Water / (cement + pozzolan) ratio 0.50 max
6. Concrete and grout exposed to frost (including foundation walls) shall be air entrained 6% +/- 1%.
7. Slump shall be 4 inches +/- 1 inch without water reducing admixtures. With water reducing admixtures, concrete mix design shall state design slump and field tests shall be +/- 1 inch. Slump is used primarily as a measure of concrete consistency, truck to truck. If slump is outside these ranges, water content (water:cementitious ratio) shall be checked against allowable; and concrete rejected, accepted, or adjusted on that basis.
8. Mix designs shall take account of heat of hydration in mass concrete (over 28 inches thick).
9. Water-reducing admixtures conforming to ASTM C494 added to the mix at manufacturer's dosage rates may be used for improved workability.
10. Do not add water to concrete at the jobsite without written approval of the SER, and in no case in excess of the water in the approved mix design.
11. No chloride containing admixtures are allowed.
12. All concrete is normal weight unless specifically noted otherwise.
13. Cement shall be Portland cement type 1 or Portland Limestone Cement type 1L conforming to ASTM C150. Up to 30% cement can be replaced with flyash and up to 50% with GGBFS (50% combined max.). Aggregate for normal weight concrete shall conform to ASTM C33. Water is to be potable or demonstrated to have no harmful effects on concrete. Fly ash shall be demonstrated by test to contain minimum 18 percent CAO. When fly ash is used in concrete to be air entrained, air entraining shall be adjusted as required for LOI per recent experience of ready mix supplier.
14. Measured from the time water and cement are batched together, no more than 90 minutes shall elapse until concrete is placed. This time shall be reduced by two minutes for every degree that concrete temperature exceeds 75 degrees Fahrenheit. These criteria may be relaxed by the use of set-controlling admixtures.
15. Protect concrete in accordance with ACI 305 and ACI 306 for hot weather concreting and cold weather concreting respectively. In cold weather, heat is required if outside temperature falls below 30 degrees any time during first three days. Reinforcing shall be 40 degrees or warmer at time of concrete placement. Concrete temperature shall be recorded every morning and shall be kept above 40 degrees in all locations for 7 days. Concrete shall not be exposed to combustion products (use electric heat, ducted heater or ground thaw). Keep protection in place minimum 24 hours after cessation of heating to provide gradual cool-down.
16. When air temperature is above 85 degrees, provide mist, shading, windscreens and other protection as required for 12 hours after placing.
17. Concrete being placed shall be protected from rain. If rain falls on concrete before it has set, or within 3 hours of placement in any event, contractor shall bear cost of testing to prove concrete is unaffected, and shall remove and replace affected concrete to the satisfaction of the engineer.
18. Wet cure (poly and burlap or proprietary blankets kept moist daily) for a minimum of 7 days; sides of footings may be buried after 24 hours. Contractor is responsible for staining caused by burlap in visible areas. Spray-on curing compounds are permitted as a substitute for wet curing in areas that are not visible in the final condition. When spray-on curing compounds are used, they should be applied in two layers perpendicular to each other and according to manufacturer's instructions.
19. Cementitious grout shall be non-shrink and non-metallic grout. Place according to manufacturer's recommendations and trim neatly where visible.
20. Coordinate with other trades for sleeves, conduit, electrical grounding wires, inserts, underground utilities, and other items to be embedded into concrete and verify that they are properly installed and supported before casting concrete.
21. All concrete to be trowel finished shall be tested for air content, whether or not it is purposely air entrained. If concrete contains more than 2 percent entrained air, delay start of finishing to preclude weakened air-rich plane just below surface.

REINFORCING STEEL
1. All concrete is reinforced concrete unless specifically called out as unreinforced. Reinforce all concrete not otherwise shown with same steel as in similar sections or areas. Any details not shown shall be detailed per ACI 315 and meet requirements of ACI 318, current editions.
2. All reinforcing steel shall conform to the requirements of ASTM A615 grade 60 steel. Reinforcing steel shall not be welded without authorization of the SER, and if welded shall be A706 grade 60 steel. Reinforcing to be welded shall only be welded to structural steel, not other reinforcing, unless specifically noted on the drawings. Welded plain wire fabric shall be supplied in sheets, not rolls, and conform to the requirements of ASTM A185.
3. Clear minimum cover of concrete over reinforcing steel shall be as follows unless specifically noted otherwise:
   - 3" Concrete placed against earth
   - 3" Top mat of base slabs to receive waterstops at wall joint
   - 2" All other concrete
4. All reinforcing shall be tied to crossing reinforcing on at least every other bar (every bar at perimeter), and sufficiently to resist displacement from workers and placement of concrete.
5. All footing dowels shall be accurately positioned and wired in place before casting footing concrete. Where not noted, provide and install dowels of same size and spacing as vertical reinforcement in all columns and walls. Position all anchor bolts with templates.
6. Bar lap lengths in concrete and 90 degree end hooks shall be in accordance with the table below unless noted otherwise. This table lists class 'B' laps. For epoxy coated reinforcing steel, increase lap length by 50% with c-c bar spacing < 6db and cover to center of bar <3db, otherwise increase by 20%. For masonry reinforcing, use fc' = 3000 psi values.

REINF. BAR SIZE	SLAB, WALL, COLUMN		BEAMS		90 DEGREE END HOOK
	BAR LAP	TOP BAR *	BAR LAP	TOP BAR *	
#3	19 IN.	24 IN.	28 IN.	36 IN.	6 IN.
#4	25 IN.	32 IN.	37 IN.	48 IN.	8 IN.
#5	31 IN.	40 IN.	46 IN.	60 IN.	10 IN.
#6	37 IN.	48 IN.	56 IN.	72 IN.	12 IN.
#7	54 IN.	70 IN.	81 IN.	105 IN.	14 IN.
#8	62 IN.	80 IN.	93 IN.	120 IN.	16 IN.
#9	70 IN.	90 IN.	104 IN.	135 IN.	19 IN.
#10	78 IN.	102 IN.	118 IN.	153 IN.	22 IN.
#11	87 IN.	113 IN.	131 IN.	170 IN.	24 IN.

*Top bar splices are horizontal reinforcement placed such that more than 12 in. of concrete is cast in the member below the splice.

7. Bars marked continuous, corner bars, and all vertical steel shall be lapped in accordance with table above at splices and embedments, unless shown otherwise. Splice top bars near midspan and splice bottom bars over supports, unless noted otherwise.

REINFORCING STEEL (CONTINUED)
8. Bar support accessories shall be as specified in latest edition of the ACI detailing handbook and the concrete reinforcing steel institute design handbook. Maximum accessory spacing shall be 4'-0" on center, and all accessories on exposed surfaces shall have plastic coated ends. Chairs shall be supported on sand plates as required to keep from sinking into subgrade. WWF shall be supported by continuous bolsters or bars on chairs sufficiently close to prevent sheets from sagging appreciably during concrete placement. Support rebar used at contractor's option shall be extra bars supplied by contractor, not taken from design reinforcing.
9. Where potentially exposed to de-icing salts; stoop reinforcing shall be epoxy coated.

CONCRETE BLOCK MASONRY
1. Concrete block used in exterior walls or load bearing walls shall meet the following minimum requirements:
   - Masonry assembly f'm = 2,000 PSI
   - Concrete masonry units: ASTM C90-11A 2,800 PSI
   - Mortar, ASTM C-270-10 Type S UNO
   - Grout, ASTM C-476-10 f'g = 3,000 PSI, Slump: 8-11 inches
2. The contractor shall provide adequate temporary bracing for all masonry walls during construction.
3. Concrete block shall be laid in running bond pattern typical unless noted otherwise. No vertical (head) joint shall be continuous for more than one block height. Lay hollow concrete masonry units with full mortar coverage on horizontal and vertical face shells. Bed webs in mortar in starting course on footings and foundation walls and in all courses of piers, columns and pilasters, and where adjacent to cells or cavities which are to be reinforced or to be filled with concrete or grout.
4. Pilasters and columns shall be laid up in running bond in each direction to provide a monolithic unit.
5. All joints shall be concave tooled joints above and below grade.
6. Masonry walls shall be reinforced with hot dipped galvanized truss horizontal reinforcing (per ASTM A153) with 9 gage side and cross rods. Reinforcing shall be continuous in horizontal joints every other block course (16 inches OC) in walls, every course (8 inches OC) in parapets, with prefabricated corner and tee sections.
7. Unless noted otherwise, concrete block shall be reinforced as follows in 6", 8", 10", and 12" walls:
   - Vertical reinforcing shall be a minimum of (1) #5 bar in 6" and 8" walls and (2) #4 bars in 10" and 12" walls at 4'-0" on center.
   - Provide bar or bars of same size as wall reinforcing at each corner, at each door, window, and opening jamb, each side of control joints and in the end void of each length of wall.
   - Lap splices for masonry vertical reinforcing shall be according to the table above, for "wall top bar."
   - Stack bond CMU shall have continuous horizontal bond beams at 48" OC, reinforced with (2) #4 continuous.
   - Continuous horizontal bars shall be included per section or detail in bond beam or optional running bond beam where noted. Where not detailed, use (2) #5 continuous. Where bond beams are continuous at corners of walls, supply corner bars matching size of horizontal bars. All bond beam reinforcing shall have standard laps or hooked development reinforcing bars at wall corners and intersections.
8. Grouting and reinforcing: all masonry, grouting, and reinforcing work shall be performed by mason craft workers who have successfully completed the International Masonry Institute (1-800-IMI -0988) training course for grouting and reinforced masonry construction, or equal
9. When grouting is stopped for more than one hour, stop grout approximately 1 ½ inches below top of CMU to provide key.
10. Masonry block cells with vertical reinforcing and bond beams with horizontal reinforcing shall be grouted solid. Mortar is not an acceptable corefill. Provide a cleanout hole at the base of all grouted cells where grout lift exceeds 5'-4". Account for fly ash in grout during winter construction by protecting and heating as required to assure set and strength gain.
11. Lintels over all openings in walls not otherwise noted, of 4'-0" span or less, shall be one L6 x 3-1/2 x 5/16 angle for each 4" of masonry (2 angles for 12" CMU); or an 8 inch deep bond beam with 2 - #5. All exterior steel lintels to be hot-dip galvanized. Bear minimum 8 inches on jambs grouted and reinforced full height.
12. Bond beam lintels shall be standard horse collar type (U shaped) block. Continuity bond beams may be, and upper courses of multi-course bond beams shall be, flow through block.

POST INSTALLED ANCHOR RODS AND DOWELS
1. Unless noted otherwise, anchors and reinforcing dowels installed in concrete or concrete masonry shall be as noted below. Anchors not shown or noted on the drawings, those required by the contractor solely for his means and methods, or those required by mechanical/electrical and carrying less than 100 pounds of non-safety-related items, do not require special inspection.
2. Approved manufacturers are: HILTI, ITW / Redhead, Simpson, and Powers / Rawl. Submit product data and current ICC ES report or IAPMO report showing product is compliant with project code requirements for review. Contractor shall arrange for manufacturer's rep to train all installers on the complete installation process. A letter of procedure stating method of drilling, the product for use, the complete installation procedure, manufacturer training date and a list of the personnel trained on anchor installation shall be submitted to the engineer.
3. Permanent anchors exposed to earth, weather, or corrosive environments and anchors engaging stainless steel or aluminum members, shall be stainless steel type 304 or 316. Otherwise, anchors shall meet requirements of ASTM F1554. Reinforcing dowels shall be of the same size (U.N.O.), material and coating (if any) as the continuing reinforcing.
4. Where expansion anchors are called for, contractor may substitute screw type anchors with self-tapping threads or adhesive anchors of the same size and embedment, subject to review of capacity by the engineer for the product substituted. Where adhesive anchors are called for, other types shall not be substituted. Screw type anchors shall not be re-used on permanent work.
5. Adhesive shall have a current ICC ES report. Use high viscosity adhesive and placement devices in consultation with the manufacturer for overhead work. Overhead installation shall be subject to continuous special inspection during installation and shall only be performed by certified adhesive anchor installers. Use low temperature formulations for cold weather work. Do not apply significant load to anchors until their capacity has been assured.
6. Anchors installed in concrete masonry and precast hollow core concrete shall be installed in cores grouted solid. Minimum grout strength f'g = 3,000 PSI. Minimum 12 inches of grout each way along horizontal cores from anchor. Vertical cores shall be grouted full height. Anchors installed in masonry shall not be installed within 1 1/2 inches of any head joint unless block are square end and mortared across full width of head joint, or filled bond beam.
7. Holes shall be drilled, cleaned, and maintained until installation in accordance with manufacturer's recommendations using standard rotary-impact bits and oil-free compressed air; diamond core bits shall not be used unless specifically approved by the manufacturer. Locate and avoid reinforcing bars and PT tendons. Maintain spacing (minimum 8 inches) and edge/corner distances (minimum 4 inches) as recommended by manufacturer unless specifically noted otherwise in the drawings.
8. Unless noted otherwise, anchors shall be installed to the following embedments:

	Diameter	CIP Concrete	Grouted CMU
Expansion/screw:	1/2 inch	3 1/2 inches	4 1/2 inches
	5/8 inch	4 inches	5 inches
	3/4 inch	5 inches	6 inches
Adhesive:	1/2 inch	4 1/2 inches	5 1/2 inches
	5/8 inch	5 inches	6 inches
	3/4 inch	6 inches	7 inches (6" in 8" CMU)

9. Except as noted, all anchors shall have intermittent inspection performed by an independent testing agency according to the following:
   a. Expansion and screw anchors:
      - Witness installation with torque wrench according to manufacturer's recommendations and requirements of ICC report;
      - Test all anchors with torque wrench after installation (including load test of 5 percent of installed anchors); or
   b. Adhesive anchor rods and dowels:
      - Witness installation according to manufacturer's recommendations and requirements of ICC report; or

STRUCTURAL METALS
1. All structural steel shall be as follows:
   - Wide flange beams and columns shall be ASTM A992, grade 50 steel.
   - All miscellaneous steel (angles, channels, plate) shall be ASTM A992, A529, or A36 steel (min. Fy = 36 KSI).
   - Rectangular steel tubes (HSS) shall be ASTM A500, grade C steel (fy = 50 KSI).
   - Pipe shall be ASTM A53 (fy = 35 KSI) unless A500 grade C (46 KSI) is noted.
   - Other shapes shall be ASTM A36 (36 KSI).
2. Splicing or modification of members in the field is prohibited without prior written approval of the SER.
3. All primary member bolted connections shall be two bolt minimum.
4. Fabrication and erection shall be in accordance with the latest edition of the AISC Manual of Steel Construction, Code of Standard Practice for Steel Buildings and Bridges, except as follows:
   - To paragraph 3.1, add "The project architectural drawings are a part of the structural steel design drawings by reference and must be used concurrently with the structural steel design drawings for any information not shown on the structural steel design drawings".
   - Delete paragraph 3.2 and insert the following: "architectural, process, electrical and mechanical plans shall be used as a supplement to the structural steel design drawings to define detail configurations and construction information".
   - Paragraph 3.3 modify the last sentence to read, "in case of discrepancies between the structural steel plans and plans of other disciplines or existing conditions, such discrepancies shall be called to the architect / engineer's attention for resolution".
5. All aluminum shapes shall be ASTM B209, B308, alloy 6061-T6; except handrail may be 6063-T5 or -T6. All welding shall be performed by a certified welder using compatible electrodes in accordance with the requirements of AWS D1.2 and visually inspected. Where designed by the fabricator, aluminum alloy and temper shall be stated on shop drawings.
6. All steel shall receive a primer coat unless galvanized, refer to specification manual.
7. All steel welding shall be performed by a certified welder using E70 electrodes in accordance with the requirements of AWS D1.1 "Structural Welding Code" and visually inspected. Full-pen welds shall also be inspected by NDT methods such as ultrasonic, mag particle, or dye pen.
8. All field welded connections shall be chipped, ground where required, wire brush cleaned and painted to match the paint system.
9. All bolts not otherwise specified shall be 3/4" diameter high strength (ASTM A325-N). All bolts shall be fully pretensioned. Any non-twist off bolts shall have 10 percent checked with a torque wrench by the special inspector.
10. All copes shall be made with a 1 inch minimum radius.
11. All anchor rods shall be minimum 3/4" diameter ASTM F1554 grade 36 or ASTM A276 Stainless Steel type 304 unless noted otherwise. Where headed rods are noted or specified, bent rods shall not be furnished; rods may be headed or nutted, with the nut tack welded at the bottom end of the anchor or double nutted

LUMBER AND WOOD FRAMING
1. Quality and construction of wood framing members and their fasteners for load supporting purposes not otherwise indicated on the drawings shall be in accordance with the International Building Code. Cutting, notching, drilling, or coring of members or shear walls shall be permitted only as detailed, or with written permission of the SER.
2. Minimum wood grades shall be as follows. Other species with equal or greater properties may be substituted. If Southern Yellow Pine is substituted, allowance must be made for difference in standard dimensions. Submit signed calculations by contractor's structural engineer, licensed in the state of the project, if substitutions are submitted.
   - Bending members (joists, beams and headers): No. 2 and Better Spruce-Pine-Fir (SPF) visually graded lumber or equal (allowable bending stress 875 PSI, allowable shear stress of 135 PSI and an elastic modulus of 1,400,000 PSI).
   - Axially loaded members (studs, posts and columns): Stud grade SPF visually graded lumber (allowable compression of 725 PSI and an elastic modulus of 1,200,000 PSI) unless noted otherwise per plan.
   - Plates shall be no. 2 or better grade, sufficiently straight to lay flat. Plates on masonry, concrete, or precast concrete shall be treated, with stainless steel anchors.
3. Provide sheathing and studs in accordance with wall assemblies in architectural plans and as designed in structural plans and details. Exterior sheathing shall be minimum 7/16 inch APA span rated, fastened to studs with 8D nails at 6 inches on center at edges and 12 inches on center in the field of a panel, but in any event shall be fastened with number and size of fasteners not less than that set forth in table 2304.10.1 of the International Building Code.
4. Roof sheathing shall be APA span rated plywood sheathing. For low-slope or flat roofs (roofs with pitch less than 2:12, or 2inch per foot) provide panel clips along the panel edge running perpendicular to the support framing as specified by the APA Engineered Wood Construction Guide.
5. Beams built up of multiple members shall be nailed or otherwise fastened together in accordance with table 2304.10.1 of the International Building Code.
6. Lintel or header members shall have minimum 3 inches of bearing. Joists shall bear full width of supporting members (stud walls, beams, etc.).
7. Wall top plates shall be double 2x members, lapped minimum 48 inches with at least six 16d nails at each lap and not more than 16 inches between nails. Splice at studs only.
8. Sill plates shall be bolted to concrete walls, masonry walls, or steel beams with ½" diameter bolts at 48" on center, and no more than 6 inches from end of wall. Plates in direct contact with concrete or masonry shall be treated lumber.
9. Joist hangers shall be Simpson Strong-Tie, USP/MiTek, or approved equal.
10. Bolts in wood shall not be less than 7 diameters from the end and 4 diameters from the edge of the member to centerline of bolt. Bolt holes in wood shall be drilled 1/32 inch larger than the bolt diameter. Bolt heads and nuts bearing on wood shall have standard cut washers.
11. All screws shall be high strength self-tapping screws with integral washer heads. If manufacturer is different than noted, submit for review with strength data.
12. Service condition- dry with moisture content at or below 19% in service.
13. Laminated Veneer Lumber (LVL) shall have an allowable flexural stress (Fb) of 2,800 PSI (modified by size factor) and an elastic modulus (E) of 1,800,000 PSI

WOOD TRUSSES
1. Pre-engineered wood trusses shall be designed in accordance with the Truss Plate Institute's national design standard for metal-plate connected wood truss construction (ANSI/TPI-1, latest edition). Trusses shall be designed by an authorized member of the Structural Building Components Association (SBCA). Truss design shall conform to specified codes, allowable stress increases, deflection limitations, and other applicable criteria of the governing code.
2. Trusses shall bear permanent tags or other means of identification, correlated to a listing of the design load, which shall be submitted as part of the design submittal.
3. Submit sealed calculations by a Professional Engineer licensed in the state of the project, and complete shop drawings showing design loads, geometry, camber, bracing (erection and final), hold-down connection, and transfer of roof diaphragm forces to walls and diaphragm chord. Truss manufacturer is responsible for conveying all applicable portions of these (SEH) drawings to truss design engineer, including these Notes. Erection shall not begin until shop drawings and design calculations have been reviewed by the Engineer.
4. Roof trusses shall be designed for wind uplift according to the specified Code, with 20 PSF minimum uplift (service load). Roof trusses shall be designed to support a 15 PSF top chord dead load and a 10 PSF bottom chord dead load unless noted otherwise on plans.
5. All trusses shall be securely braced both during erection and permanently, as indicated on the approved truss design drawings all in accordance with TPI's commentary and recommendations for handling, installing and bracing metal-plate connected wood trusses (BCSI, booklet) and the latest edition of ANSI/TPI-1.
6. The truss manufacturer shall supply all hardware and fasteners for joining truss members together and fastening truss members to their supports. Metal connector plates shall be manufactured by a member of the Wood Truss Council of America (WTCA) and shall be 20 gauge minimum. Connector plates shall meet or exceed ASTM A653, grade 33, with ASTM A924 galvanized coating designation G60.
7. Shipment, handling, and erection of trusses shall be by experienced, qualified persons and shall be performed in a manner so as not to endanger life or property. Apparent truss damage shall be reported to the truss manufacturer for evaluation prior to erection. Cutting or alteration of trusses is not permitted.
8. All roof opening dimensions and locations shown on the plans shall be verified by the contractor and roof manufacturer.
9. Gable end trusses shall be designed by truss supplier to withstand both vertical and horizontal loading, assuming bottom chord braced. Design for minimum 20 PSF wind loading.

SHOP DRAWING REVIEW
1. Short Elliott Hendrickson Inc. (SEH) will review the general contractor's (GC) shop drawings and related submittals (as indicated below) with respect to the ability of the detailed work, when complete, to be a properly functioning integral element of the overall structural system designed by SEH. In general, submittals will not be reviewed for correct quantities or construction considerations. SEH shall review shop drawings and related materials with comments provided that each submission has met the requirements herein. SEH shall return without comment unrequired material or submissions without GC approval stamp
2. Any items requiring submittal of calculation packages shall have calculations submitted prior to or as part of the shop drawing submittal they accompany. Shop drawings submitted prior to submittal of required calculations will be rejected. All calculations shall be sealed and signed by an engineer licensed in the state of the project. The supplier's engineer must provide calculations for all systems and connections that differ from the drawings. Design shall comply with the requirements in these notes, the drawings and the specifications.
3. Prior to submittal of a shop drawing or any related material to SEH, the GC shall:
   - Review each submission for conformance with the means, methods, techniques, sequences and operations of construction and safety precautions and programs incidental thereto, all of which are the sole responsibility of the GC.
   - Review and approve each submission.
   - Stamp each submission as approved.
4. SEH shall assume that no submission comprises a variation from the contract documents unless the GC advises SEH with written documentation. Should SEH require more than ten (10) working days to perform the review, SEH shall so notify the GC. Submittals shall include drawings and related material (if any) as indicated below.
   - Concrete mix designs and material certificates including admixtures, compounds applied to the concrete after placement, and associated product data. See specifications.
   - Aggregate tests and concrete test history for each mix design, with the submission of concrete mix designs.
   - Reinforcing steel shop drawings including erection drawings and bending details. Bar list will not be reviewed for correct quantities.
   - Grout mix designs (for CMU) and CMU block certification.
   - Structural steel and metal fabrication shop drawings including erection drawings and piece details.
   - Pre-manufactured wood truss shop drawings and design calculations.

REQUIRED INSPECTION
1. Required inspection and testing according to the table below will be performed by an independent testing and inspection agency contracted by the Owner. Inspections will be arranged by the contractor with sufficient advance notice. Contractor shall coordinate with SER, testing agency and geotechnical engineer throughout the project.
   - Required Inspection of reinforcing steel and anchor rod placement shall be performed prior to concrete placement or during anchor rod installation for adhesive anchors.
   - Continuous inspection during concrete placement is required.
   - Conduct concrete slump tests in accordance with ASTM C143.
   - Obtain set of a four (4) concrete test cylinders each time concrete is placed. Make test cylinders in accordance with ASTM C39.
   - It is assumed that shop welding will be performed on the premises of a fabricator registered and approved to perform such work without inspection. G/C shall submit fabricator documents, standards, and procedures to document the fabricator's quality control plan to the satisfaction of the Engineer and Building Official.
   - Reports of Inspections shall be provided, at the frequency noted above, to the Owner, Contractor, and Engineer of Record by the firm contracted to perform Inspections.
   - Inspection criteria presented above and in specification shall apply to all footings and foundation walls, but does not apply to non-structural slab on grade and site work concrete.

REQUIRED INSPECTION AND TESTS

DESCRIPTION OF WORK	INSPECTION FREQUENCY: CONTINUOUS	INSPECTION FREQUENCY: PERIODIC	TESTING: YES	TESTING: NO	TESTING: N/A
METAL CONSTRUCTION					
1. WELDING		X		X	
2. DETAILS: BRACING, LOCATIONS, ETC.		X		X	
3. BOLTING		X		X	
CONCRETE CONSTRUCTION					
1. INSPECT REINFORCEMENT		X		X	
2. REINFORCING BAR WELDING	X		X		
3. INSPECT ANCHORS CAST IN CONCRETE		X		X	
4. INSPECT ANCHORS POST-INSTALLED IN CONCRETE	X		X		
5. VERIFY USE OF REQUIRED DESIGN MIX		X		X	
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE		X	X		
7. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES		X		X	
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X		X	
9. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X		X	
MASONRY CONSTRUCTION					
1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS		X		X	
2. REINFORCEMENT: SIZE AND SPACING		X		X	
3. PRISMS					X
4. DETAILS: GROUTING, LINTELS, ETC.		X	X		
WOOD CONSTRUCTION					X
SOILS					
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATION ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY		X	X		
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X	X		
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS		X	X		
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X		X		
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X	X		

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SEH

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

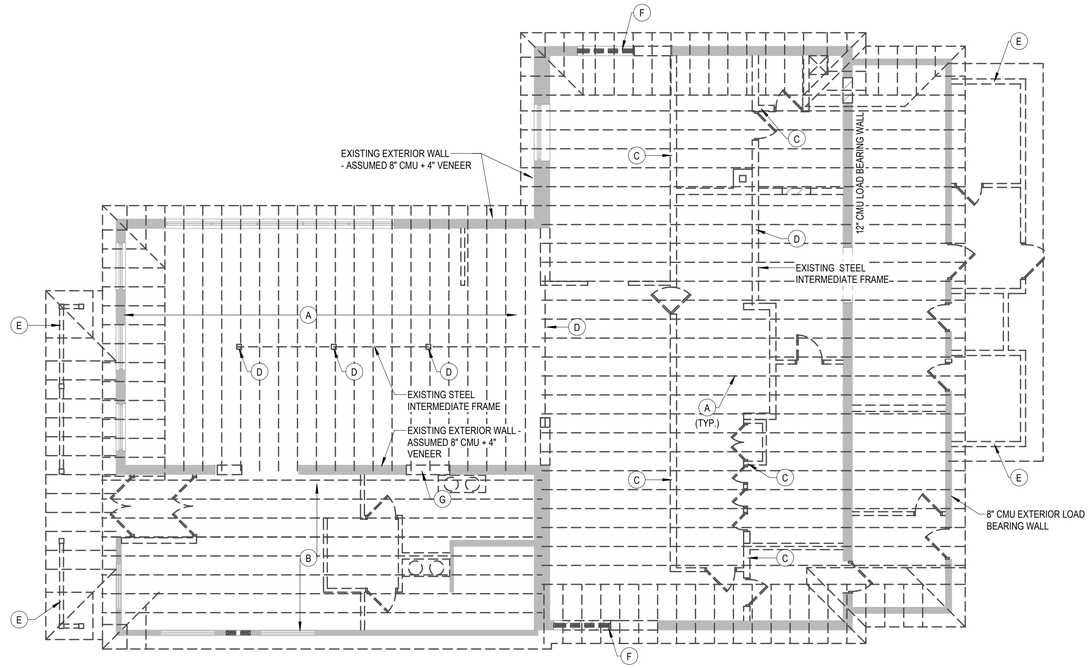
SEH Project	CITCO 161151
Checked By	BWOLF
Drawn By	NSIEMS
Project Status	Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

GENERAL STRUCTURAL NOTES

S002



1 S071 STRUCTURAL DEMO PLAN

1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES:

(TYPICAL UNLESS NOTED OTHERWISE)

1. CONTRACTOR TO IMMEDIATELY CONTACT STRUCTURAL ENGINEER FOR FIELD VERIFICATION IF EXISTING CONDITIONS VARY FROM THOSE INDICATED IN THESE DOCUMENTS. ASSUMPTIONS MADE HERE WITHIN HAVE BEEN BASED UPON LIMITED EXISTING DOCUMENTATION.

DEMOLITION PLAN KEYNOTES:

(A) DASHED LINES DENOTE SPAN OF EXISTING ORIGINAL FLAT ROOF SYSTEM CONSISTING OF 2x12 JOISTS AT 16" ON CENTER WITH WOOD DECKING AND LATH AND PLASTER CEILING, 1" THICK. REMOVE ORIGINAL FLAT ROOF SYSTEM AND SLOPED MANSARD ROOF TRUSSES ABOVE.

(B) DASHED LINES DENOTE SPAN OF EXISTING SLOPED MANSARD ROOF TRUSSES AT 2'-0" ON CENTER OVER ADDITION

(C) DEMO EXISTING LOAD BEARING WALLS AFTER REMOVAL OF EXISTING ORIGINAL 2x12 FLAT ROOF FRAMING

(D) DEMO EXISTING W8 STEEL BEAMS AND STEEL AND WOOD COLUMNS AFTER REMOVAL OF EXISTING ORIGINAL 2x12 FLAT ROOF FRAMING

(E) DEMO EXISTING FRONT CANOPY AND REAR LEAN-TO DELIVERY ROOM IN THEIR ENTIRETY. REMOVE ALL FRAMING AND FOUNDATIONS AND PATCH CONNECTIONS TO EXISTING STRUCTURE AS REQUIRED.

(F) REMOVE EXISTING MASONRY TO TOP OF WALL AT NEW / EXPANDED OPENINGS

(G) REMOVE MASONRY AS REQUIRED TO CREATE NEW OPENING AND INSTALL NEW LINTEL. CONTRACTOR OPTION TO REMOVE MASONRY FULL HEIGHT AND INSTALL WOOD HEADER ABOVE - SEE FOUNDATION AND FRAMING MODIFICATIONS PLAN.

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SEH

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST, LA CROSSE, WI 54601

SEH Project	CITCO 161151
Checked By	BWOLF
Drawn By	NSIEMS

Project Status **Issue Date**

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

EXISTING CONDITIONS AND DEMO PLAN

S071

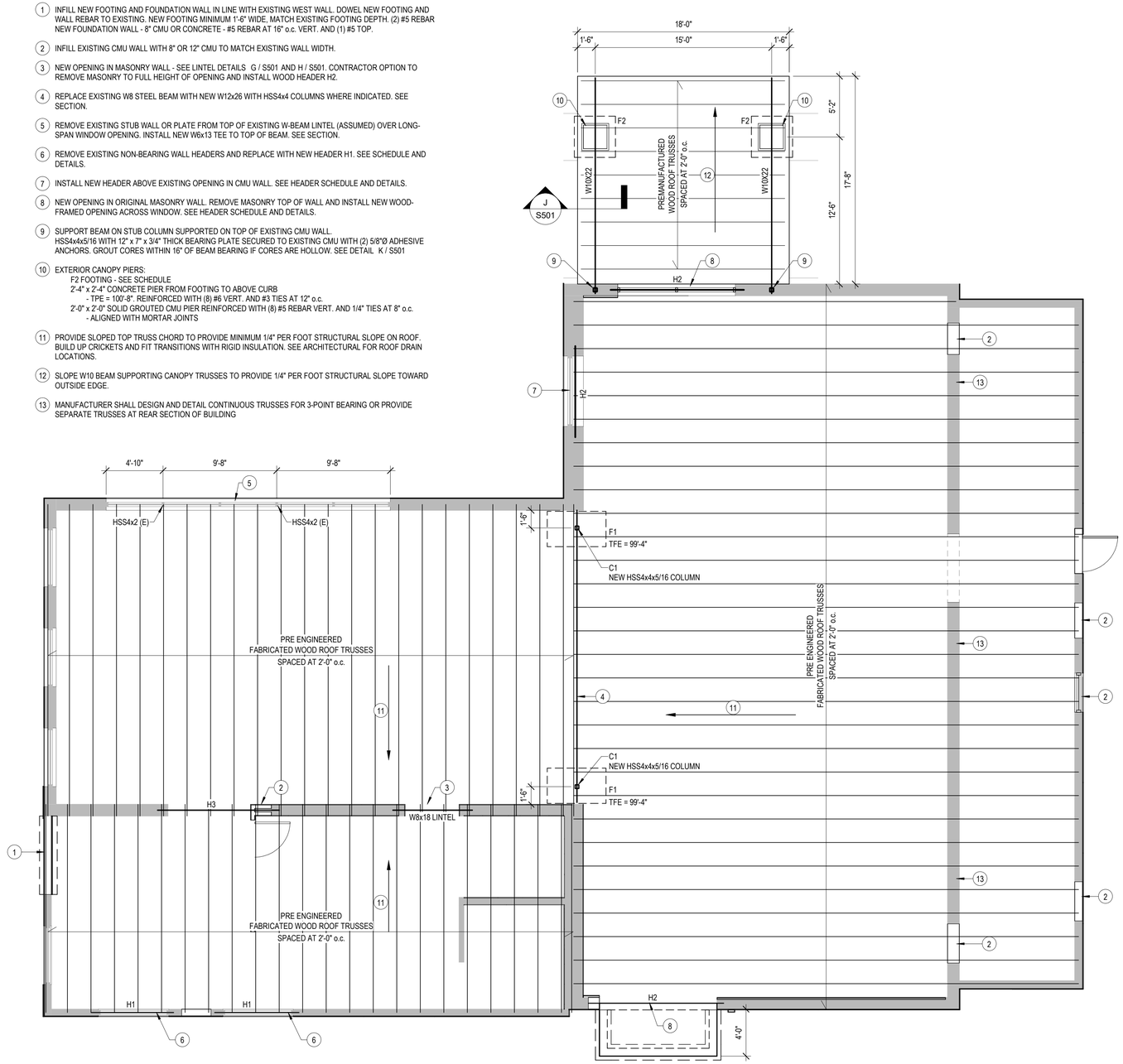
PLAN GENERAL NOTES:

(TYPICAL UNLESS NOTED OTHERWISE)

1. CONTRACTOR TO IMMEDIATELY CONTACT STRUCTURAL ENGINEER FOR FIELD VERIFICATION IF EXISTING CONDITIONS VARY FROM THOSE INDICATED IN THESE DOCUMENTS. ASSUMPTIONS MADE HEREIN HAVE BEEN BASED UPON LIMITED EXISTING DOCUMENTATION.
2. TYPICAL ROOF TRUSS BEARING ELEVATION = 11'-5" (G/C FIELD VERIFY)
3. TRUSS BOTTOM-CHORD LATERAL BRACING WILL BE PROVIDED BY PERMANENT DIAGONAL BRACING PER DETAIL A / S501 AND TRUSS DESIGNER RECOMMENDATIONS
4. CONTRACTOR TO FURNISH AND INSTALL PERMANENT WEB BRACING AS SPECIFIED BY THE TRUSS SUPPLIER. PROVIDE END ANCHORAGE AS APPLICABLE TO RESTRAIN THE PERMANENT WEB BRACING SPECIFIED BY THE TRUSS DESIGNER. SEE DETAIL D / S501 .
5. ROOF TRUSSES:
   - SPACE TRUSSES AT 2'-0" o.c. MAX.
   - ATTACHMENT OF TRUSSES TO DOUBLE TOP PLATE: SIMPSON H2.5A HURRICANE TIE
6. TRUSS LOADING / SPACING
   - REFERENCE THIS SHEET FOR DESIGN TOP CHORD AND BOTTOM CHORD DEAD LOADS AND SNOW LOAD / SNOW DRIFT.
   - TRUSS SPACING SHOWN ON PLAN IS MAXIMUM SPACING. TRUSS MANUFACTURER MAY DECREASE SPACING OR ADJUST CHORD SIZES AS REQUIRED TO ACCOMMODATE SNOW DRIFT LOADS.
7. ROOF SHEATHING: 5/8" APA RATED SHEATHING, MINIMUM 40/20 APA RATING
8. DIAPHRAGM NAILING:
   - UNBLOCKED DIAPHRAGM, WITH 10d NAILS AT 6" o.c. AT PANEL EDGES, 12" o.c. IN FIELD
9. COORDINATE ROOF TRUSSES TO AVOID INTERFERENCE WITH VERTICAL MECHANICAL VENTILATION CHASES. REFER TO ARCHITECTURAL AND MECHANICAL PLANS FOR CHASE LOCATIONS
10. FLAT ROOF TRUSSES SHALL SLOPE A MINIMUM OF 1/4" PER FOOT FOR DRAINAGE, SLOPE TOP CHORD AS INDICATED ON ARCHITECTURAL ROOF PLAN.
11. TRUSS SUPPLIER SHALL VERIFY ALL TRUSS END TO END LENGTHS AND BEARING CONDITIONS. ADJUST TRUSS PROFILES AS NECESSARY.
12. DESIGN ALLOWABLE SOIL BEARING CAPACITY: (ASSUMED)
    MAIN BUILDING ELEMENTS: 1,500 PSF

PLAN KEYNOTES:

1. INFILL NEW FOOTING AND FOUNDATION WALL IN LINE WITH EXISTING WEST WALL. DOWEL NEW FOOTING AND WALL REBAR TO EXISTING. NEW FOOTING MINIMUM 1'-6" WIDE, MATCH EXISTING FOOTING DEPTH. (2) #5 REBAR NEW FOUNDATION WALL - 8" CMU OR CONCRETE - #5 REBAR AT 16" o.c. VERT. AND (1) #5 TOP.
2. INFILL EXISTING CMU WALL WITH 8" OR 12" CMU TO MATCH EXISTING WALL WIDTH.
3. NEW OPENING IN MASONRY WALL - SEE LINTEL DETAILS G / S501 AND H / S501. CONTRACTOR OPTION TO REMOVE MASONRY TO FULL HEIGHT OF OPENING AND INSTALL WOOD HEADER H2.
4. REPLACE EXISTING W8 STEEL BEAM WITH NEW W12x26 WITH HSS4x4 COLUMNS WHERE INDICATED. SEE SECTION.
5. REMOVE EXISTING STUB WALL OR PLATE FROM TOP OF EXISTING W-BEAM LINTEL (ASSUMED) OVER LONG-SPAN WINDOW OPENING. INSTALL NEW W6x13 TEE TO TOP OF BEAM. SEE SECTION.
6. REMOVE EXISTING NON-BEARING WALL HEADERS AND REPLACE WITH NEW HEADER H1. SEE SCHEDULE AND DETAILS.
7. INSTALL NEW HEADER ABOVE EXISTING OPENING IN CMU WALL. SEE HEADER SCHEDULE AND DETAILS.
8. NEW OPENING IN ORIGINAL MASONRY WALL. REMOVE MASONRY TOP OF WALL AND INSTALL NEW WOOD-FRAMED OPENING ACROSS WINDOW. SEE HEADER SCHEDULE AND DETAILS.
9. SUPPORT BEAM ON STUB COLUMN SUPPORTED ON TOP OF EXISTING CMU WALL. HSS4x4x5/16 WITH 12" x 7" x 3/4" THICK BEARING PLATE SECURED TO EXISTING CMU WITH (2) 5/8"Ø ADHESIVE ANCHORS. GROUT CORES WITHIN 16" OF BEAM BEARING IF CORES ARE HOLLOW. SEE DETAIL K / S501
10. EXTERIOR CANOPY PIERS:
    F2 FOOTING - SEE SCHEDULE
    2'-4" x 2'-4" CONCRETE PIER FROM FOOTING TO ABOVE CURB
    - TPE = 100'-8". REINFORCED WITH (8) #6 VERT. AND #3 TIES AT 12" o.c.
    2'-0" x 2'-0" SOLID GROUTED CMU PIER REINFORCED WITH (8) #5 REBAR VERT. AND 1/4" TIES AT 8" o.c.
    - ALIGNED WITH MORTAR JOINTS
11. PROVIDE SLOPED TOP TRUSS CHORD TO PROVIDE MINIMUM 1/4" PER FOOT STRUCTURAL SLOPE ON ROOF. BUILD UP CRICKETS AND FIT TRANSITIONS WITH RIGID INSULATION. SEE ARCHITECTURAL FOR ROOF DRAIN LOCATIONS.
12. SLOPE W10 BEAM SUPPORTING CANOPY TRUSSES TO PROVIDE 1/4" PER FOOT STRUCTURAL SLOPE TOWARD OUTSIDE EDGE.
13. MANUFACTURER SHALL DESIGN AND DETAIL CONTINUOUS TRUSSES FOR 3-POINT BEARING OR PROVIDE SEPARATE TRUSSES AT REAR SECTION OF BUILDING



1 S101 STRUCTURAL FOUNDATION AND FRAMING MODIFICATIONS PLAN
3/16" = 1'-0"

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F1	5'-0" x 3'-0" x 1'-0" DEEP	(4) #5 LONGIT, (6) #5 TRASV. AT BOTTOM
F2	3'-6" x 3'-6" x 1'-0" DEEP	(4) #5 REBAR EACH WAY, TOP AND BOTTOM

COLUMN SCHEDULE			
MARK	HEADER	TOP PLATE	BASE PLATE
C1	HSS4x4x5/16	12" x 7" x 3/4" WITH (4) 3/4"Ø A325N BOLTS	10" x 10" x 3/4" WITH (4) 3/4"Ø ANCHORS TO NEW FOOTING
C2	HSS4x4x5/16	10" x 6" x 3/4" WITH (4) 3/4"Ø A325N BOLTS	12" x 7" x 3/4" WITH (2) 5/8"Ø ANCHORS TO CMU

HEADER / JAMB SCHEDULE		
MARK	HEADER	JAMB
H1	(2) 2 x 10	(1) 2x TO BEARING (1) 2x FULL HT.
H2	(2) 1 3/4" x 9 1/2" LVL	(2) 2x TO BEARING (1) 2x FULL HT.
H3	(3) 1 3/4" x 11 7/8" LVL	(2) 2x TO BEARING (1) 2x FULL HT.

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SEH

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	CITCO 161151
Checked By	BWOLF
Drawn By	NSIEMS

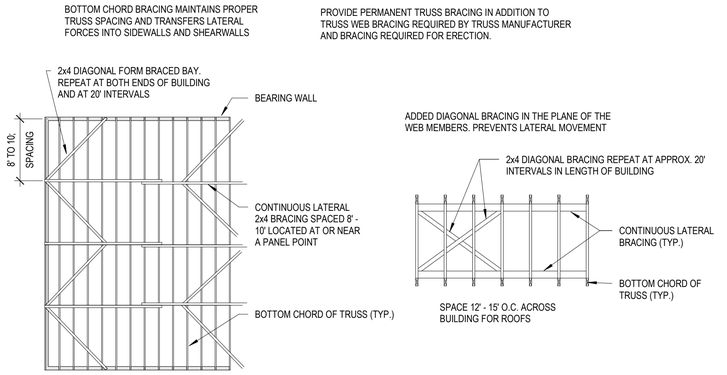
Project Status — Issue Date

REVISION SCHEDULE

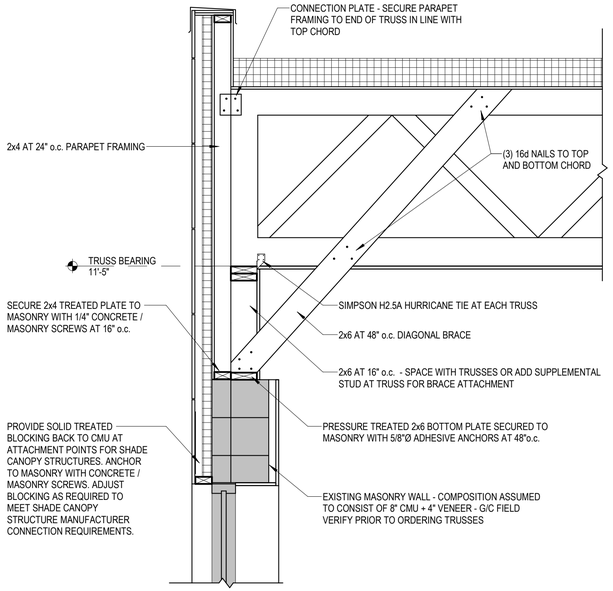
REV. #	DESCRIPTION	DATE

FOUNDATION AND FRAMING MODIFICATIONS

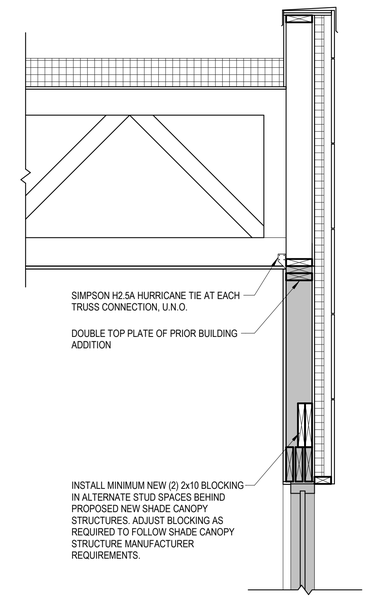
S101



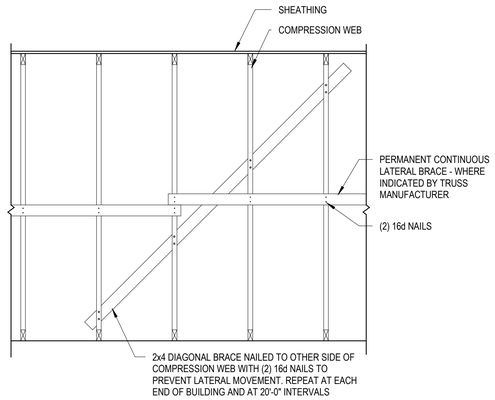
A S501 TRUSS BRACING DETAIL
3/4" = 1'-0"



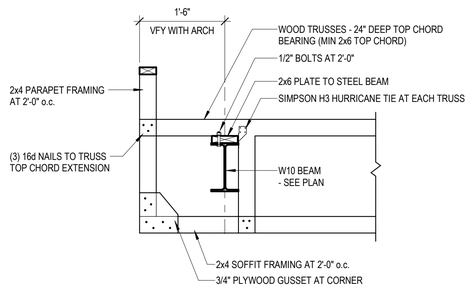
B S501 TRUSS BEARING SECTION
3/4" = 1'-0"



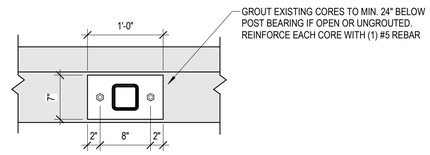
C S501 TRUSS BEARING SECTION
3/4" = 1'-0"



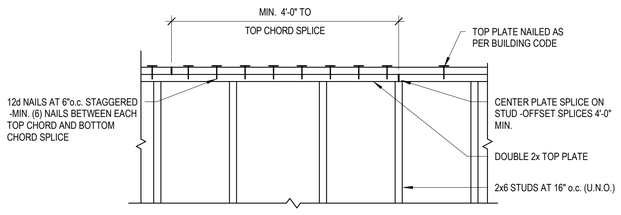
D S501 ANCHORING OF LATERAL WEB BRACING DETAIL
1/2" = 1'-0"



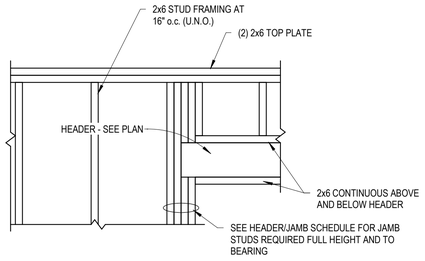
J S501 CANOPY EDGE SECTION
3/4" = 1'-0"



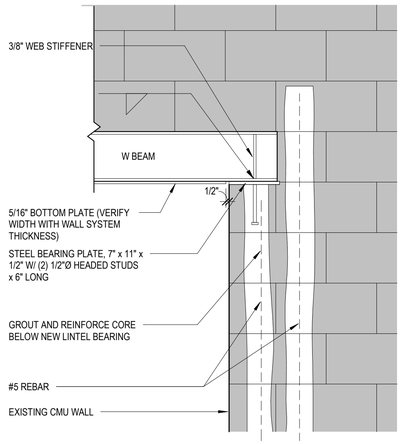
K S501 COLUMN ON EXISTING WALL DETAIL
1" = 1'-0"



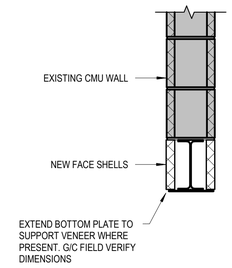
E S501 TOP PLATE SPLICE DETAIL
3/4" = 1'-0"



F S501 FRAMING ELEVATION
3/4" = 1'-0"



G S501 BEAM / LINTEL SUPPORT DETAIL REBAR FULL HEIGHT
1" = 1'-0"



H S501 BEAM / LINTEL SUPPORT DETAIL
1" = 1'-0"

1/7/2022 4:47:39 PM

SEH

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	CITCO 161151
Checked By	BWOLF
Drawn By	NSIEMS

Project Status **Issue Date**

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

STRUCTURAL DETAILS

S501

MECHANICAL (HVAC) LEGEND

GENERAL SYMBOLS

- THERMOSTAT
- WALL SWITCH OR TIMER
- DEMOLITION KEYNOTES
- NEW OR REMODEL KEYNOTES
- MECHANICAL EQUIPMENT TAG
- MECHANICAL EQUIPMENT (NEW)
- INDICATES DIRECTION OF AIR FLOW
- CEILING DIFFUSER
- XXXX CD-# / # CFM — CEILING DIFFUSER SIZE AND TYPE / AIR VOLUME
- RETURN/EXHAUST/TRANSFER GRILLE
- SIDEWALL RETURN/EXHAUST/TRANSFER GRILLE
- SIDEWALL SUPPLY/TRANSFER GRILLE
- #x# XX-# / # CFM — GRILLE SIZE AND TYPE / AIR VOLUME
- D.G. — DOOR GRILLE (BY GENERAL TRADE)
- U.C. — DOOR UNDERCUT (BY GENERAL TRADE)
- ROOM NAME / ### — INDICATES ROOM NAME / INDICATES ROOM NUMBER
- REVISION NUMBER
- REVISION CLOUD

PIPING SYMBOLS

- SINGLE LINE PIPE BREAK
- PIPE DOWN
- PIPE UP
- PIPE ELEVATION CHANGE

DUCTWORK SYMBOLS

- MITERED ELBOW W/ TURNING VANES
- SUPPLY/OUTSIDE/MIXED AIR DUCT DOWN
- SUPPLY/OUTSIDE/MIXED AIR DUCT UP
- RETURN/EXHAUST/TRANSFER AIR DUCT DOWN
- RETURN/EXHAUST/TRANSFER AIR DUCT UP
- ROUND DUCT DOWN
- ROUND DUCT UP
- DUCT OFFSET (AS INDICATED)
- FLEXIBLE DUCT
- SQUARE/RECTANGULAR DUCT BREAK
- MANUAL BALANCING (VOLUME) DAMPER
- CONTROL DAMPER W/ ACTUATOR
- ROUND DUCT OR 2-LINE PIPE BREAK

EQUIPMENT ABBREVIATIONS

AC	AIR CONDITIONING (SPLIT SYSTEM)
ECH	ELECTRIC COVE HEATER
EF	EXHAUST FAN
EFH	ELECTRIC FAN-FORCED HEATER
ERP	ELECTRIC RADIANT CEILING PANEL
F	FURNACE
GRDs	GRILLES, REGISTERS, AND DIFFUSERS
KH	KITCHEN HOOD
MAU	MAKEUP AIR UNIT
RTU	ROOFTOP UNIT

PIPING SYSTEM ABBREVIATIONS

- —AC— REFRIGERANT
- —CD— CONDENSATE DRAIN

DUCTWORK SYSTEM ABBREVIATIONS

EA	EXHAUST AIR
MA	MIXED AIR (OA + RA)
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
TA	TRANSFER AIR

GRD ABBREVIATIONS

CD	CEILING DIFFUSER
RG	RETURN GRILLE
TG	TRANSFER GRILLE

GENERAL ABBREVIATIONS

A	AMPERE
A/C	AIR CONDITIONING
A.D.	ACCESS DOOR
A.F.F.	ABOVE FINISH FLOOR
A.F.G.	ABOVE FINISH GRADE
A.F.R.	ABOVE FINISHED ROOF
AMPS	AMPERES
AUX	AUXILLARY
AVG.	AVERAGE
B.D.D.	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BSMT	BASEMENT
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CAP.	CAPACITY
CFM	CUBIC FEET PER MINUTE
CL	CENTERLINE
CLG.	COOLING
CEIL.	CEILING
C.O.	CLEANOUT
CONT.	CONTINUE
CU FT.	CUBIC FEET
CU IN.	CUBIC INCHES
ΔP	CHANGE IN PRESSURE
ΔT	CHANGE IN TEMPERATURE
°	DEGREE
DB	DRY BULB
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROLS
DIA.	DIAMETER
DISC.	DISCONNECT
DN.	DOWN
DP	DIFFERENTIAL PRESSURE
DW.	DRAWING
DWPT	DEWPOINT
DX	DIRECT EXPANSION (REFRIGERATION)
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB TEMPERATURE
EFF.	EFFICIENCY
EL.	ELEVATION
EWB	ENTERING WET BULB TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO REMAIN
EWT	ENTERING WATER TEMPERATURE
EX.	EXISTING
EXH.	EXHAUST
°F	DEGREES FAHRENHEIT
F.D.	FIRE DAMPER
FLA	FULL LOAD AMPS
FLR.	FLOOR
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET
GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GRV	GRAVITY RELIEF VENT
HD	HEAD (FEET)
HP	HORSEPOWER
HTG.	HEATING
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HW	HOT WATER
HZ	HERTZ (FREQUENCY)
ID	INSIDE DIAMETER
IN.	INCH OR INCHES
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MAX.	MAXIMUM
MBH	THOUSAND BTUH
MCA	MINIMUM CIRCUIT AMPS
MECH.	MECHANICAL
MFG.	MANUFACTURER
MOCP	MAXIMUM OVER CURRENT PROTECTION
M.O.D.	MOTOR OPERATED DAMPER
MTD.	MOUNTED
NIC	NOT IN CONTRACT
NOM.	NOMINAL
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE
OAT	OUTSIDE AIR TEMPERATURE
O.B.D.	OPPOSED BLADE DAMPER
O.C.	ON CENTER
OD	OUTSIDE DIAMETER
O.E.D.	OPEN ENDED DUCT
PD	PRESSURE DROP
PSI	POUNDS PER SQUARE INCH
PSIG	PSI GAUGE
ø	ROUND DIAMETER
RAT	RETURN AIR TEMPERATURE
RM.	ROOM
RPM	REVOLUTIONS PER MINUTE
SAT	SUPPLY AIR TEMPERATURE
SD	SMOKE DAMPER
SQ. FT.	SQUARE FEET
SHT.	SHEET
SM	SMOKE DETECTOR
SP	STATIC PRESSURE
SPEC.	SPECIFICATION
SPD.	SPEED
S.S.	STAINLESS STEEL
STD.	STANDARD
T.A.	THROW AWAY
TEMP.	TEMPERATURE
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TYP.	TYPICAL
V	VOLTS
V.D.	VOLUME (BALANCING) DAMPER
VEL	VELOCITY
WB	WET BULB
W/	WITH
Z.D.	ZONE DAMPER

LINE TYPE KEY	
———	NEW WORK BY MECHANICAL CONTRACTOR (DARK SOLID LINE)
———	NEW WORK BY OTHERS AND/OR EXISTING TO REMAIN (LIGHT SOLID LINE)
- - - - - -	EXISTING TO BE REMOVED BY MECHANICAL CONTRACTOR (DARK SHORT DASHED LINE)

CONTRACTOR ABBERVIATION KEY

ABBR:	CONTRACTOR:
E.C.	ELECTRICAL CONTRACTOR
G.C.	GENERAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR

MECHANICAL RENOVATION NOTES:

1. THE DEMOLITION PLAN HAS BEEN PREPARED TO ASSIST THE M.C. IN DETERMINING THE SCOPE OF WORK TO BE INCLUDED IN THIS PROJECT. IT IS NOT INTENDED TO BE A COMPLETE INDICATION OF ALL WORK REQUIRED TO COMPLETE THE PROJECT. THE M.C. SHALL REVIEW DRAWINGS AND SPECIFICATIONS INCLUDING DEMOLITION SHOWN FOR OTHER TRADES, AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, IN ORDER TO DETERMINE THE SCOPE OF DEMOLITION WORK.
2. FIELD VERIFY THE AVAILABLE CLEARANCES FOR DUCTWORK AND PIPING BEFORE FABRICATION. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
3. REFER TO DIVISION 1, GENERAL REQUIREMENTS, CUTTING AND PATCHING FOR ALL CUTTING AND PATCHING.
4. OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY SYSTEM FOR ANY REASON. MAINTAIN SERVICE TO ALL COMPONENTS THAT ARE TO REMAIN UNTIL NEW SYSTEMS ARE INSTALLED.
5. ALL REMOVED ITEMS THAT THE OWNER WANTS SHALL BE REMOVED AND TURNED OVER TO THE OWNER AT DESIGNATED STORAGE SPACE ON SITE. ALL REMAINING ITEMS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
6. THE INSTALLING CONTRACTOR SHALL VERIFY ALL STRUCTURAL REQUIREMENTS FOR SUPPORTED EQUIPMENT AND COMPONENTS OF ANY KIND WITH THE BUILDING AND/OR SUPPORT STRUCTURE DESIGNER PRIOR TO INSTALLATION. APEX ENGINEERING DOES NOT PROVIDE STRUCTURAL DESIGN SERVICES.

MECHANICAL SHEET INDEX

SHEET #	SHEET NAME
M090	MECHANICAL GENERAL INFO. SHEET
M100	MECHANICAL DEMOLITION FLOOR PLAN
M101	MECHANICAL REMODEL FLOOR PLAN
M200	MECHANICAL SCHEDULES AND DETAILS

GENERAL MECHANICAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH NATIONAL, STATE, & LOCAL CODES; AS WELL AS THE NATIONALLY RECOGNIZED TESTING AND APPROVAL AGENCIES.
2. AIR BALANCING SHALL BE DONE IN ACCORDANCE WITH THE SMACNA MANUAL FOR BALANCING AND ADJUSTMENT OF AIR HANDLING SYSTEMS. PROVIDE A FINAL REPORT TO ENGINEER FOR REVIEW.
3. DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT REFLECT EXACT INSTALLATION CONDITIONS. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF DUCTWORK, PIPING, EQUIPMENT, ETC., AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHERS WILL PERMIT.
4. PROVIDE THE OWNER WITH TRAINING AND WITH OPERATION AND MAINTENANCE MANUALS FOR THE FURNISHED EQUIPMENT PRIOR TO COMPLETION OF WORK.
5. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, EQUIPMENT SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS OR PHYSICALLY VERIFY AT SITE. REVIEW ALL DRAWINGS, INCLUDING THOSE OF OTHER TRADES.
6. THE INSTALLING CONTRACTOR SHALL VERIFY REQUIREMENTS FOR SUPPORTED EQUIPMENT AND COMPONENTS OF ANY KIND WITH THE BUILDING AND/OR SUPPORT STRUCTURE DESIGNER PRIOR TO INSTALLATION. APEX ENGINEERING DOES NOT PROVIDE STRUCTURAL DESIGN SERVICES.
7. COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, CODE COMPLIANCE, AND TO VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES WITH ALL TRADES. BRING ANY INTERFERENCES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH FABRICATION OF EQUIPMENT ORDERS.
8. ALL CONTROLS SHALL BE PROPERLY TESTED, ADJUSTED AND CALIBRATED BEFORE WORK IS COMPLETED. MOUNT THERMOSTATS AT 48" A.F.F. PROVIDE INSULATED BASE WHERE MOUNTED ON AN EXTERIOR WALL.
9. EQUIPMENT SIZES AND SERVICE CLEARANCE REQUIREMENTS VARY BETWEEN DIFFERENT MANUFACTURERS. CONSULT APPROVED SHOP DRAWINGS FOR EQUIPMENT SIZES AND REQUIRED SERVICE CLEARANCES. COORDINATE WITH LAYOUT OF EQUIPMENT PADS, PIPING, DUCTWORK, ETC.
10. DO NOT BLOCK TUBE/COIL PULL OR EQUIPMENT SERVICE CLEARANCES.
11. REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER ACCESS.
12. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COST OR EXPENSE TO OTHERS.
13. MAINTAIN WORKING CLEARANCES AT ELECTRICAL EQUIPMENT SUCH AS ELECTRICAL PANELS, MOTOR STARTERS, SWITCHES AND DISCONNECTS PER NEC REQUIREMENTS.
14. CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
15. MAINTAIN A MINIMUM OF 10' BETWEEN ROOF EDGE AND ALL ROOFTOP EQUIPMENT, INCLUDING EXHAUST FANS. IF 10' IS NOT MAINTAINED, M.C. SHALL INSTALL GUARD RAIL AS REQUIRED BY IMC 304.11.
16. ALL EQUIPMENT, DUCTWORK, & PIPING SHALL BE KEPT CLEAN FROM DIRT & DEBRIS. DO NOT ALLOW THE INSIDE OF DUCT & LINER TO BE EXPOSED DURING CONSTRUCTION.
17. ALL DUCTWORK SHALL BE CONSTRUCTED TO SMACNA STANDARDS IN ACCORDANCE WITH THE APPROPRIATE PRESSURE CLASSIFICATION.
18. DUCTWORK SIZE LISTED ON PLANS ARE INTERNAL FREE AREA DIMENSIONS. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED.
19. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIO/VISUAL, AND OTHER MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES.
20. COORDINATE GRILLE/DIFFUSER & ACCESS PANEL LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL LIGHT FIXTURES, LIGHT FIXTURE SUPPORT RODS AND FIRE SPRINKLER HEADS FOR FREE INTERFERENCE.
21. ALL ROOF CURBS SHALL BE 18" TALL UNLESS OTHERWISE NOTED ON PLANS. ALL ROOF CURBS FOR OUTSIDE AIR INTAKE SHALL BE 30" TALL UNLESS OTHERWISE NOTED ON PLANS.
22. MANUAL VOLUME DAMPERS SHALL BE INSTALLED AT EACH BRANCH TAKE-OFF FROM MAIN SUPPLY, RETURN, & EXHAUST DUCTS. DAMPERS SHALL BE LOCATED AS CLOSE TO THE BRANCH TAKE-OFF AS POSSIBLE & INSTALLED TO ALLOW FOR EASY ACCESS.
23. VOLUME DAMPERS INSTALLED IN EXTERNALLY INSULATED DUCTWORK SHALL BE PROVIDED WITH EXTENDED OPERATOR HANDLE TO OUTSIDE OF INSULATION WITH SHEET METAL STANDOFF FOR SUPPORT.
24. DUCT SIZE TO DIFFUSERS, REGISTERS AND GRILLES SHALL BE SAME SIZE AS NECK SIZE UNLESS NOTED OR DETAILED OTHERWISE.
25. ALL MITERED RECTANGULAR/SQUARE ELBOWS SHALL HAVE AIR TURNING VANES AS SPECIFIED.
26. NO PIPING SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT, UNLESS OTHERWISE NOTED. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL EQUIPMENT LOCATIONS. COORDINATE WITH ELECTRICAL TRADE FOR EXACT LOCATIONS.
27. ALL SIDEWALL GRILLES SHALL BE ALIGNED VERTICALLY AND HORIZONTALLY WHEREVER POSSIBLE, UNLESS OTHERWISE NOTED.
28. OUTSIDE AIR INTAKES SHALL BE A MINIMUM DISTANCE OF 10'-0" FROM ANY EXHAUST/RELIEF OUTLET, FLUE, GAS OR PLUMBING VENT. COORDINATE WITH RESPECTIVE TRADES.
29. SEAL ALL EXTERIOR OPENINGS WATER TIGHT.
30. M.C. TO THOROUGHLY CLEAN ALL EXPOSED DUCTWORK FOR PAINTING AS SPECIFIED. PAINTING BY PAINTING CONTRACTOR.

PRELIMINARY ONLY
NOT FOR CONSTRUCTION
12-10-2021

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

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SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST, LA CROSSE, WI 54601

SEH Project
Checked By DMP
Drawn By LJJ

Project Status **Issue Date**

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

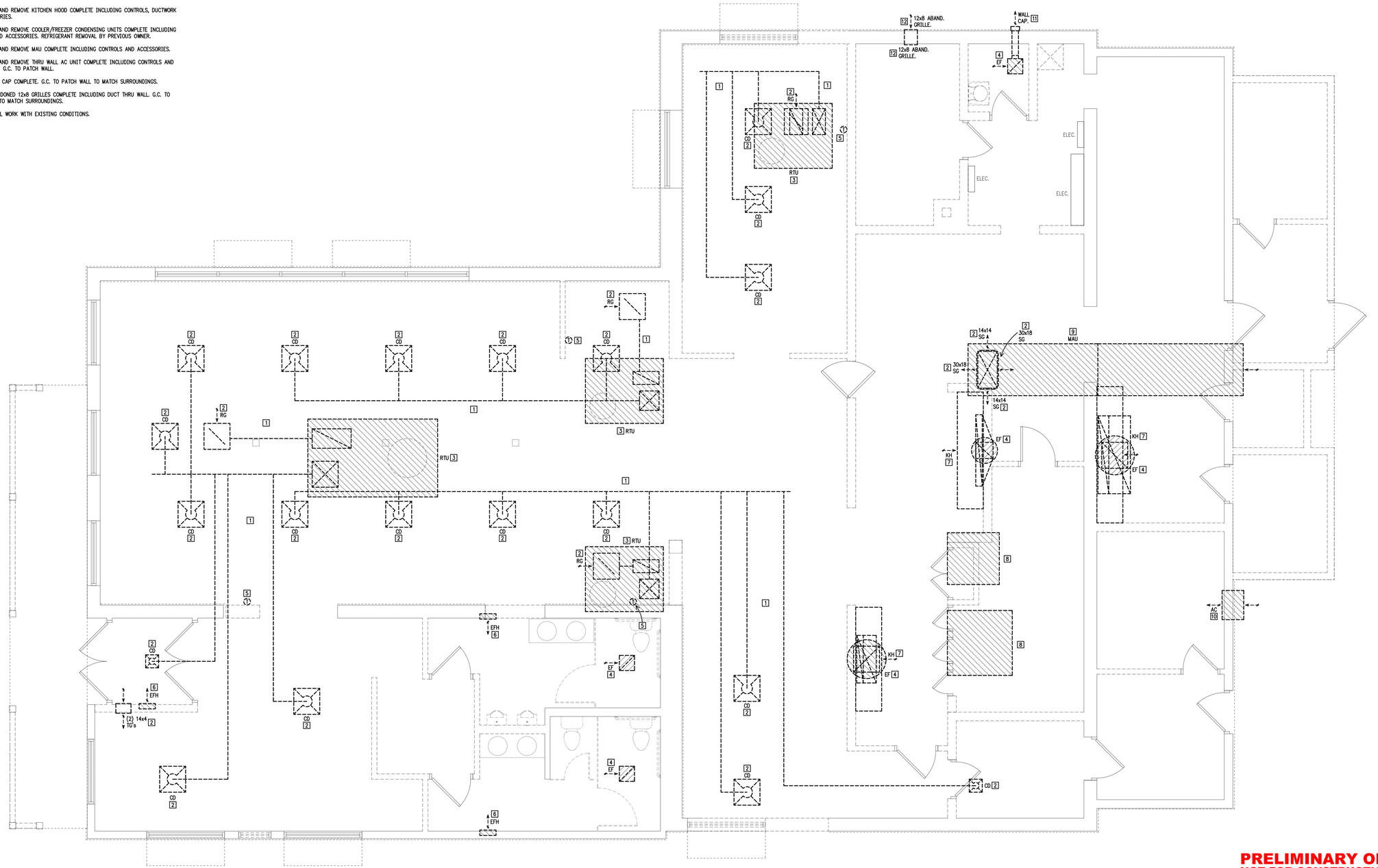
MECHANICAL GENERAL INFO SHEET

M090

MECHANICAL DEMOLITION NOTES:

1. REMOVE DUCTWORK COMPLETE.
2. REMOVE GRILLE/REGISTER/DIFFUSER COMPLETE.
3. DISCONNECT AND REMOVE RTU COMPLETE INCLUDING CONTROLS AND ACCESSORIES.
4. DISCONNECT AND REMOVE EXHAUST FAN COMPLETE INCLUDING CONTROLS, DUCTWORK AND ACCESSORIES.
5. DISCONNECT AND REMOVE THERMOSTAT COMPLETE. G.C. TO PATCH WALL WHERE REQUIRED.
6. DISCONNECT AND REMOVE EFH COMPLETE INCLUDING CONTROLS AND ACCESSORIES. G.C. TO PATCH WALL WHERE REQUIRED.
7. DISCONNECT AND REMOVE KITCHEN HOOD COMPLETE INCLUDING CONTROLS, DUCTWORK AND ACCESSORIES.
8. DISCONNECT AND REMOVE COOLER/FREEZER CONDENSING UNITS COMPLETE INCLUDING CONTROLS AND ACCESSORIES. REFRIGERANT REMOVAL BY PREVIOUS OWNER.
9. DISCONNECT AND REMOVE MAU COMPLETE INCLUDING CONTROLS AND ACCESSORIES.
10. DISCONNECT AND REMOVE THRU WALL AC UNIT COMPLETE INCLUDING CONTROLS AND ACCESSORIES. G.C. TO PATCH WALL.
11. REMOVE WALL CAP COMPLETE. G.C. TO PATCH WALL TO MATCH SURROUNDINGS.
12. REMOVE ABANDONED 12x8 GRILLES COMPLETE INCLUDING DUCT THRU WALL. G.C. TO PATCH WALL TO MATCH SURROUNDINGS.

– COORDINATE ALL WORK WITH EXISTING CONDITIONS.



1 M100 **MECHANICAL FLOOR PLAN** (DEMOLITION)
1/4"= 1'-0"

NORTH

PRELIMINARY ONLY
NOT FOR CONSTRUCTION
12-10-2021

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	
Checked By	DMP
Drawn By	LJ

Project Status	**Issue Date**

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

MECHANICAL DEMOLITION FLOOR PLAN

M100

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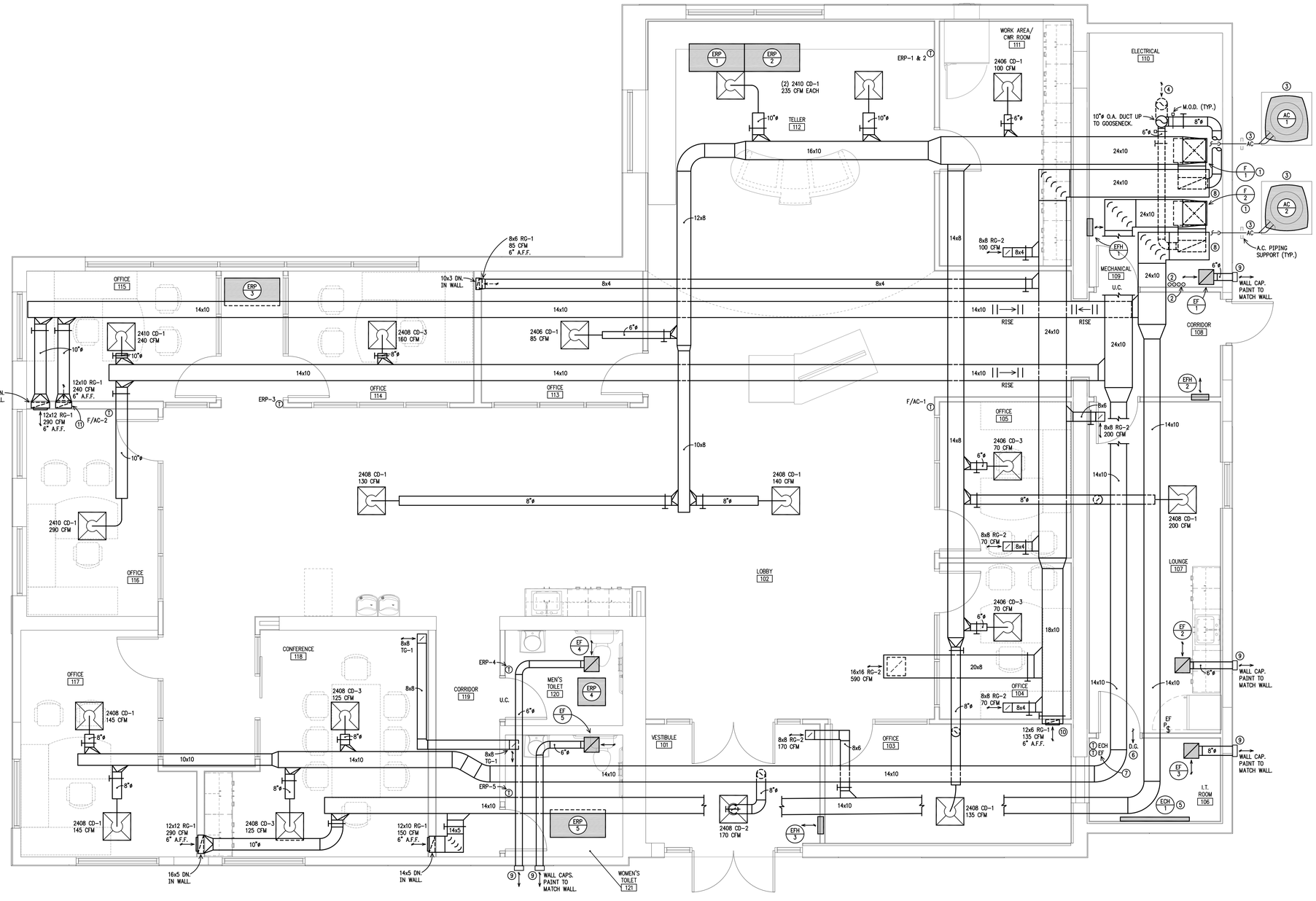

1 MECHANICAL FLOOR PLAN
M101 1/4"= 1'-0" (REMODEL)

NORTH

Ⓕ MECHANICAL REMODEL NOTES:

1. MOUNT ON CONCRETE PAD WITH VIBRATION ISOLATION. PAD BY G.C. ROUTE CONDENSATE PIPE TO NEAREST FLOOR DRAIN OR OPEN SITE. DRAIN BY P.C.
2. FURNACE VENT/INTAKE PIPES UP THRU ROOF TO SEPARATE TERMINATION. INSTALL PER MFG. RECOMMENDATIONS. FLASH AND SEAL ROOF OPENINGS WATER TIGHT. SEE DETAIL.
3. MOUNT UNIT ON CONCRETE PAD. PAD BY G.C. ROUTE REFRIGERANT PIPING THRU WALL TO INDOOR COIL. INSULATION SUCTION LINE. PROVIDE PIPE SLEEVE THRU WALL AS REQUIRED. COVER EXTERIOR PIPING WITH PVC AND SUPPORT AS REQUIRED. SEAL WALL OPENING WATER TIGHT.
4. O.A. DUCT UP TO INTAKE GOOSENECK. SEE DETAIL. FLASH AND SEAL ROOF WATER TIGHT. MAINTAIN ALL REQUIRED CLEARANCES.
5. MOUNT AS HIGH AS POSSIBLE. MAINTAIN ALL REQUIRED CLEARANCES.
6. 1.0 SQ. FT. D.G. BY G.C.
7. EF-3 REVERSE ACTING THERMOSTAT SET AT 80ºF (ADJUSTABLE).
8. 24x10 R.A. DN. TO R.A. PLENUM. PLENUM TO BE FULL SIZE OF CONNECTION TO FURNACE.
9. NEW WALL OPENING BY G.C. M.C. TO COORDINATE. SEAL OPENING WATER TIGHT.
10. 12x3½ DN. IN WALL.
11. 14x5 DN. IN WALL.

PRELIMINARY ONLY
NOT FOR CONSTRUCTION
12-10-2021

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project
Checked By DMP
Drawn By LJJ

Project Status | Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

MECHANICAL
REMODEL FLOOR
PLAN

M101

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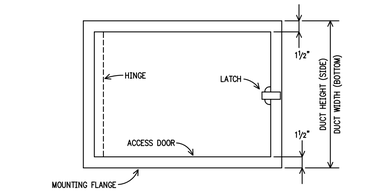
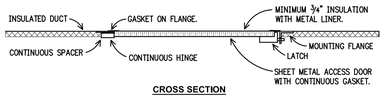
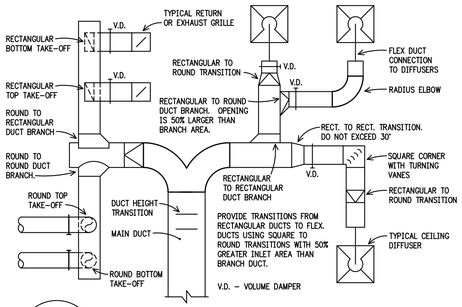


EXTERIOR VIEW
(SIDE OR BOTTOM)

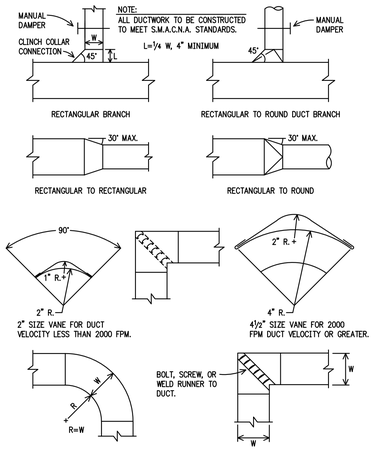


CROSS SECTION

5 M200 DUCT ACCESS DOOR DETAIL
NO SCALE



6 M200 TYPICAL DUCT CONDITIONS
NO SCALE



7 M200 DUCTWORK DETAIL
NO SCALE

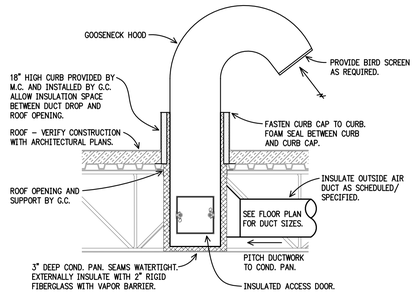
GRILLE, REGISTER, AND DIFFUSER SCHEDULE

PLAN SYMBOL	DESCRIPTION	MANUFACTURER & MODEL NO.	MATERIAL	ACCESSORIES
CD-1	24x24 SQUARE FACE, ROUND NECK, 360° HORIZONTAL THROW CEILING DIFFUSER FOR LAY-IN CEILING INSTALLATION.	PRICE ASPD	ALUMINUM	WHITE FINISH
CD-2	24x24 SQUARE FACE, ROUND NECK, 360° HORIZONTAL THROW CEILING DIFFUSER FOR HARD CEILING INSTALLATION.	PRICE ASPD	ALUMINUM	WHITE FINISH. SURFACE MOUNT FRAME. WITH VOLUME DAMPER.
CD-3	24x24 SQUARE FACE, ROUND NECK, VARIABLE AIR VOLUME SUPPLY AIR CEILING DIFFUSER, HEATING AND COOLING APPLICATION, LAY-IN CEILING INSTALLATION.	ACUTHERM TF-HC THERMA-FUSER	ALUMINUM	WHITE FINISH
RG-1	HEAVY DUTY SIDEWALL GRILLE, 45° DEFLECTION VANES, ½" O.C., 1¼" MARGIN, HORIZONTAL FRONT.	PRICE 98	ALUMINUM	WHITE FINISH
RG-2 TG-1	SQUARE PATTERN GRILLE, FIXED CORE OF ½"x½"x½" FABRICATED ALUMINUM SQUARES, FLAT FRAME WITH 1¼" MARGIN, FOR SURFACE MOUNT INSTALLATION.	PRICE 80	ALUMINUM	WHITE FINISH

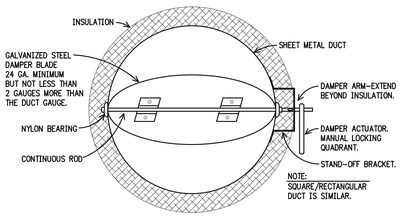
DUCTWORK/INSULATION SCHEDULE

SYSTEM (1)	LOW PRESSURE MAX. PRES.	LOW PRESSURE SEAL A	LOW PRESSURE SEAL B	LOW PRESSURE SEAL C	MED. PRESSURE MAX. PRES.	MED. PRESSURE SEAL A	HIGH PRESSURE MAX. PRES.	HIGH PRESSURE SEAL A	INSULATION INTERNAL/ THICKNESS		INSULATION EXTERNAL/ THICKNESS	
SUPPLY AND RETURN AIR WITHIN 15' OF FURNACE.	2"	X							YES	1"	NO	–
CONCEALED SUPPLY AIR (BEYOND 15' OF FURNACE).	2"	X							NO	–	YES	2"
OUTSIDE AIR.	2"	X							NO	–	YES	2"
EXHAUST AIR – B.D.D. TO OUTLET.	2"	X							NO	–	YES	2"
TRANSFER AIR – ACOUSTICALLY LINED.	2"	X							YES	½"	NO	–

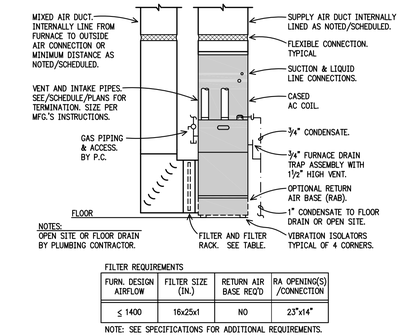
(1) THIS SCHEDULE IS INTENDED AS A GUIDE AND DOES NOT REPRESENT COMPLETE INSULATION REQUIREMENTS FOR THE PROJECT. REFER TO WRITTEN MECHANICAL SPECIFICATION SECTIONS AND DETAILS ON PLAN SHEET FOR FURTHER REQUIREMENTS.



3 M200 GOOSENECK HOOD DETAIL
NO SCALE (INTAKE)



4 M200 TYPICAL DAMPER DETAIL
NO SCALE

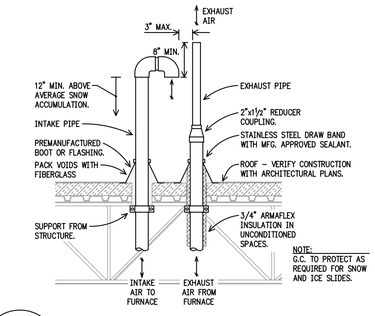


FILTER REQUIREMENTS

FURN. DESIGN AIRFLOW	FILTER SIZE (IN.)	RETURN AIR BASE REQ'D	RA OPENING(S) /CONNECTION
≤ 1400	16x25x1	NO	23"x14"

NOTE: SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

1 M200 UPFLOW GAS FURNACE DETAIL
NO SCALE (WITH AC)



2 M200 VENT/INTAKE TERMINATION DETAIL
NO SCALE (FURNACE/ROOF)

GAS FURNACE SCHEDULE

F #

PLAN SYMBOL	TYPE	INPUT (MBH)	OUTPUT (MBH)	CFM	O.A. CFM	EXT. S.P.	HEAT EXCH. MTL.	IGNITOR	BLOWER SIZE	BLOWER DRIVE	BLOWER HP	BLOWER ELEC. CHAR.	MANUFACTURER & MODEL NO.	ACCESSORIES
F-1	UP-FLOW HIGH EFF.	88 57	88 55	1400	150	0.7"	ALUMINIZED STEEL	HOT SURFACE	10x10	DIRECT	3/4	120/1	LENNOX EL296UH090XE48C	(1)
F-2	UP-FLOW HIGH EFF.	88 57	88 55	1400	100	0.7"	ALUMINIZED STEEL	HOT SURFACE	10x10	DIRECT	3/4	120/1	LENNOX EL296UH090XE48C	(1)

(1) PROVIDE AND INSTALL 1" MERV 11 FILTER (500 FPM MAX.), FILTER RACK. SIZE VENT/INTAKE AIR PIPING PER MFG.'S REQUIREMENTS.

SPLIT SYSTEM AIR CONDITIONER SCHEDULE

AC #

PLAN SYMBOL	NOM. TON	REFRIG. TYPE	SUCT. LINE (1)	LIQUID LINE (1)	CONDENSING UNIT SEER	CONDENSING UNIT MOTOR HP	CONDENSING UNIT MCA	CONDENSING UNIT ELEC. CHAR.	CONDENSING UNIT MANUFACTURER & MODEL NO.	EVAPORATOR COIL FURN. NO.	EVAPORATOR COIL CFM	EVAPORATOR COIL S.P.	EVAPORATOR COIL AHRI CAPY (MBH)	EVAPORATOR COIL MANUFACTURER & MODEL NO.	ACCESSORIES/ NOTES
AC-1	3.5	R410A	1"	½"	20	1/3	29.1	208/1	LENNOX XC20-048 (2)	1	1400	0.2"	46.0	LENNOX CX35-48C	INSULATE SUCTION LINE
AC-2	3.5	R410A	1"	½"	20	1/3	29.1	208/1	LENNOX XC20-048 (2)	2	1400	0.2"	46.0	LENNOX CX35-48C	INSULATE SUCTION LINE

(1) VERIFY SIZES WITH ACTUAL UNIT INSTALLED, DISTANCES AND HEIGHTS. (2) VARIABLE CAPACITY COMPRESSOR.

EXHAUST FAN SCHEDULE

EF #

PLAN SYMBOL	ROOM NO.	SYSTEM	CFM	EXT. S.P.	WHEEL TYPE & SIZE	RPM	BHP	MOTOR (HP/W)	ELEC CHAR	DAMPER/ SIZE	DRIVE	FAN TYPE	MFGR. & MODEL NO.	CONTROL/NOTES
EF-1	109	MOP SINK	75	0.38"	CENTRIF.	640	–	77 W	120/1	BACKDRAFT 6"ø	DIRECT (1)	CEILING	BROAN L100 W/WALL CAP #641	INTERLOCK WITH F-1 AND LIGHTS.
EF-2	107	GENERAL	75	0.38"	CENTRIF.	640	–	77 W	120/1	BACKDRAFT 6"ø	DIRECT (1)	CEILING	BROAN L100 W/WALL CAP #641	SWITCH-PILOT PROVIDED BY M.C. INSTALLED BY E.C.
EF-3	106	I.T.	180	0.38"	CENTRIF.	740	–	127 W	120/1	BACKDRAFT 8"ø	DIRECT (1)	CEILING	BROAN L200 W/WALL CAP #643	REVERSE ACTING THERMOSTAT PROVIDED BY M.C. INSTALLED BY E.C.
EF-4	120	TOILET	75	0.38"	CENTRIF.	640	–	77 W	120/1	BACKDRAFT 6"ø	DIRECT (1)	CEILING	BROAN L100 W/WALL CAP #641	INTERLOCK WITH F-1 AND LIGHTS.
EF-5	121	TOILET	100	0.38"	CENTRIF.	710	–	100 W	120/1	BACKDRAFT 6"ø	DIRECT (1)	CEILING	BROAN L150 W/WALL CAP #641	INTERLOCK WITH F-2 AND LIGHTS.

(1) SPEED CONTROLLER ON FAN FOR BALANCING.

ELECTRIC FAN FORCED HEATER SCHEDULE

EFH #

PLAN SYMBOL	ROOM NO.	kW	MBH	ELEC. CHAR.	SURFACE/RECESS MOUNTING	WALL/CEILING INSTALLATION	CONTROL TYPE	MANUFACTURER & MODEL NO.	ACCESSORIES/NOTES
EFH-1	109	2.0	6.83	208/1	SURFACE	WALL	INTEGRAL	MARKEL F3422T	SURFACE MOUNT SLEEVE.
EFH-2	108	3.0	10.24	208/1	RECESS	WALL	INTEGRAL	MARKEL F3423T	WALL BOX.
EFH-3	101	3.0	10.24	208/1	RECESS	WALL	INTEGRAL	MARKEL F3423T	WALL BOX.

ELECTRIC RADIANT PANEL SCHEDULE

ERP #

PLAN SYMBOL	ROOM NO.	SIZE (W' x L')	WATTS	ELEC. CHAR.	MANUFACTURER & MODEL NO.	ACCESSORIES	NOTES
ERP-1	112	2x4	500	120/1	MARKEL CP 125	LOW VOLTAGE TRANSFORMER AND CONTROLLER, 24 V. WALL THERMOSTAT WITH TEMPERATURE MARKINGS FOR ERP-1 & 2.	LAY-IN CEILING INSTALLATION.
ERP-2	112	2x4	500	120/1	MARKEL CP 125	LOW VOLTAGE TRANSFORMER AND CONTROLLER. CONTROL WITH ERP-1.	LAY-IN CEILING INSTALLATION.
ERP-3	102	2x4	500	120/1	MARKEL CP 125	LOW VOLTAGE TRANSFORMER AND CONTROLLER, 24 V. WALL THERMOSTAT WITH TEMPERATURE MARKINGS.	LAY-IN CEILING INSTALLATION.
ERP-4	120	2x2	250	120/1	MARKEL CP 122	LOW VOLTAGE TRANSFORMER AND CONTROLLER, 24 V. WALL THERMOSTAT WITH TEMPERATURE MARKINGS.	LAY-IN CEILING INSTALLATION.
ERP-5	121	2x4	500	120/1	MARKEL CP 125	LOW VOLTAGE TRANSFORMER AND CONTROLLER, 24 V. WALL THERMOSTAT WITH TEMPERATURE MARKINGS.	LAY-IN CEILING INSTALLATION.

ELECTRIC COVE HEATER SCHEDULE

ECH #

PLAN SYMBOL	ROOM NO.	LENGTH	WATTS	BTUH	ELEC. CHAR.	CONTROL TYPE	MANUFACTURER & MODEL NO.	ACCESSORIES/NOTES
ECH-1	106	60"	600	2048	120/1	LOW VOLTAGE WALL THERMOSTAT	MARKEL CV6012X	MOUNTING BRACKETS, 24 V. WALL THERMOSTAT WITH DEGREE MARKINGS, LOW VOLTAGE TRANSFORMER AND CONTROLLER.

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NOT FOR CONSTRUCTION
12-10-2021

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project
Checked By DMP
Drawn By LJJ

Project Status | Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

MECHANICAL SCHEDULES AND DETAILS

M200

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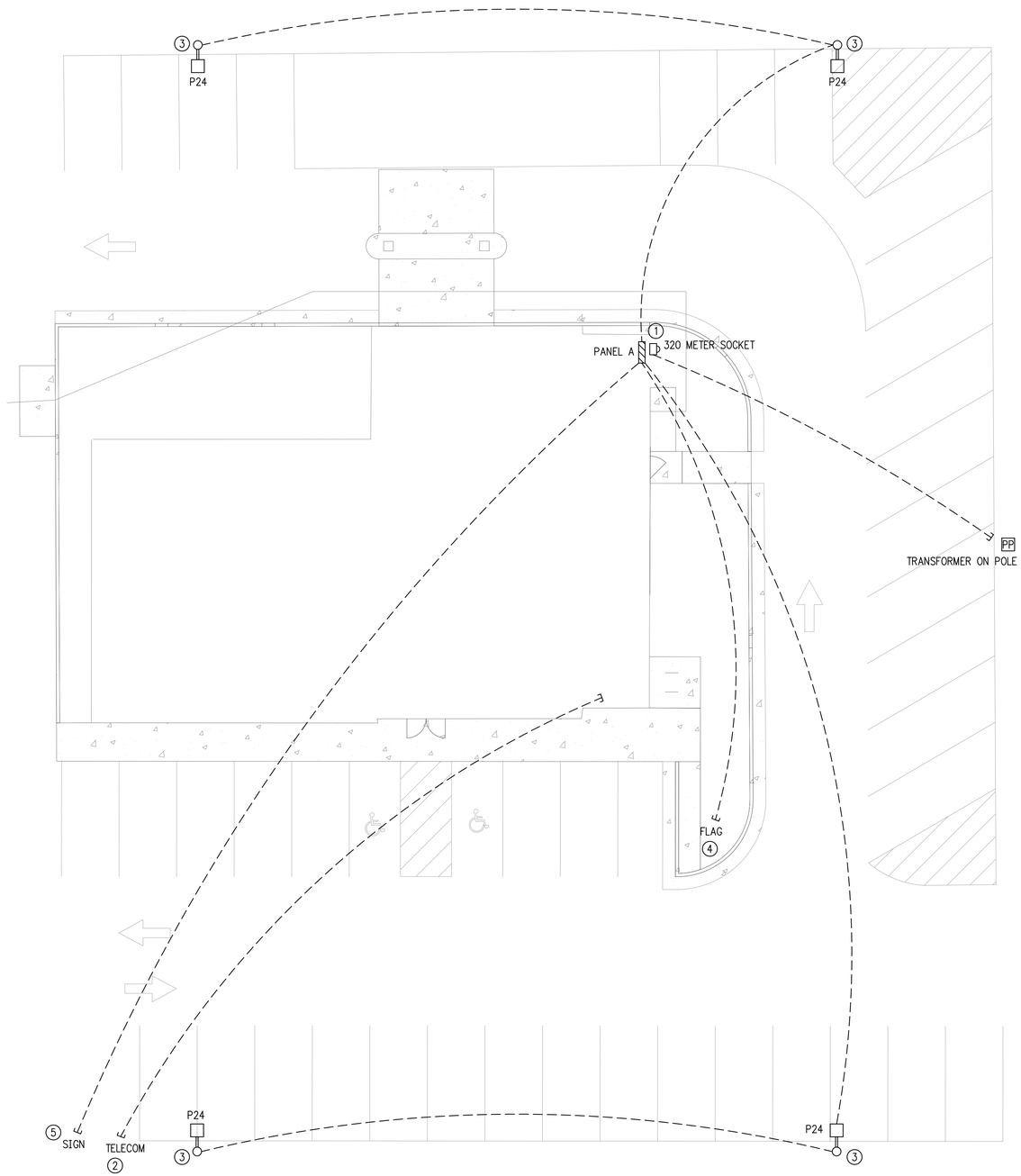


1 E001 ELECTRICAL SITE PLAN

3/32"= 1'-0"

NORTH

ELECTRICAL NOTES:

- E.C. SHALL PROVIDE SCHEDULE 40 PVC CONDUIT FOR ALL EXTERIOR LOCATIONS UNLESS NOTED OTHERWISE.
- PROVIDE PULL STRING IN ALL EMPTY CONDUITS.
- PROVIDE HANDHOLES AS REQUIRED FOR UNDERGROUND CONDUIT RUNS.

(1) PROPOSED LOCATION FOR NEW UTILITY CO. TRANSFORMER AND 320 AMP METER. REFER TO ONE-LINE DIAGRAM ON SHEET EXXX FOR ADDITIONAL INFORMATION. COORDINATION REQUIRED WITH XCEL AND THE CIVIL PLANS. E.C. SHALL ORDER NEW SERVICE ASAP.

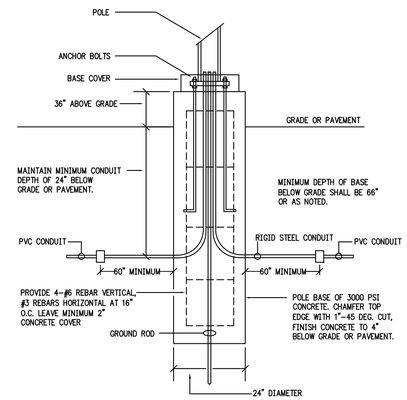
(2) PROVIDE (2) 2" C. FROM IT ROOM TO HANDHOLE FOR FIBER OPTICS. COORDINATE WITH UTILITY COMPANY AND THE CIVIL PLANS FOR EXACT LOCATION OF TERMINATION. LOCATION UNKNOWN FOR THE BID DOCUMENTS.

(3) PROVIDE (2) #10 + (1) #10 GND. IN 1" SCHEDULE 40 HDPE CONDUIT FROM POLES TO PANEL A. VERIFY VOLTAGE DROP ON ACTUAL ROUTES AND SIZE CONDUCTORS ACCORDINGLY. POLE LUMINAIRES ARE CONTROLLED BY INTEGRAL SENSORS AND PROGRAMMED BY A REMOTE. CIRCUIT TO C-3.

(4) FLAG POLE LIGHTS (BY OTHERS) TO BE ON FROM DUSK TO DAWN (VERIFY CONTROL OPTIONS WITH FLAG POLE MFG). CONDUCTORS TO BE (2) #10 + (1) #10 GND. IN 1" SCHEDULE 40 HDPE TO HANDHOLE AND FROM HANDHOLE TO FLAG POLE. CIRCUIT TO C-1, CR-3. COORDINATE LOCATION WITH CIVIL PLANS.

(5) PROVIDE (2) #10 + (1) #10 GND. IN 1" SCHEDULE 40 HDPE CONDUIT FROM SIGN TO PANEL A. VERIFY VOLTAGE DROP ON ACTUAL ROUTES AND SIZE CONDUCTORS ACCORDINGLY. SIGN WILL BE ON FROM DUSK TILL DAWN. COORDINATION WITH SIGN MODIFICATIONS REQUIRED. CIRCUIT TO A-XX, CR-X

NOTE:
PLUMBING, MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE WITH ONE ANOTHER ALONG WITH OTHER TRADES BEFORE BEGINNING ANY INSTALLATION AND CONTINUING THROUGHOUT PROJECT.



NOTES:

- PROVIDE INLINE FUSES IN EACH UNGROUNDED CONDUCTOR WITHIN POLE BASE HANDHOLE. CONDUCTORS IN POLE TO LUMINAIRES SHALL BE #10 THWN. EACH POLE SHALL BE PROVIDED WITH 3/4"x10' COPPER CLAD GROUND ROD DRIVEN TO 6" BELOW GRADE AND BONDED TO POLE, ANCHOR BOLTS, LUMINAIRES, AND REINFORCING STEEL WITH 1-#10 AWG COPPER BONDING JUMPER.

2 E001 POLE BASE DETAIL

NO SCALE

PRELIMINARY ONLY
NOT FOR CONSTRUCTION
1-6-2022

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

PaulK 1/10/2022 1:09 PM 21100 e001.dwg

SEH

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Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	
Checked By	PDK
Drawn By	PDK

Project Status	Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

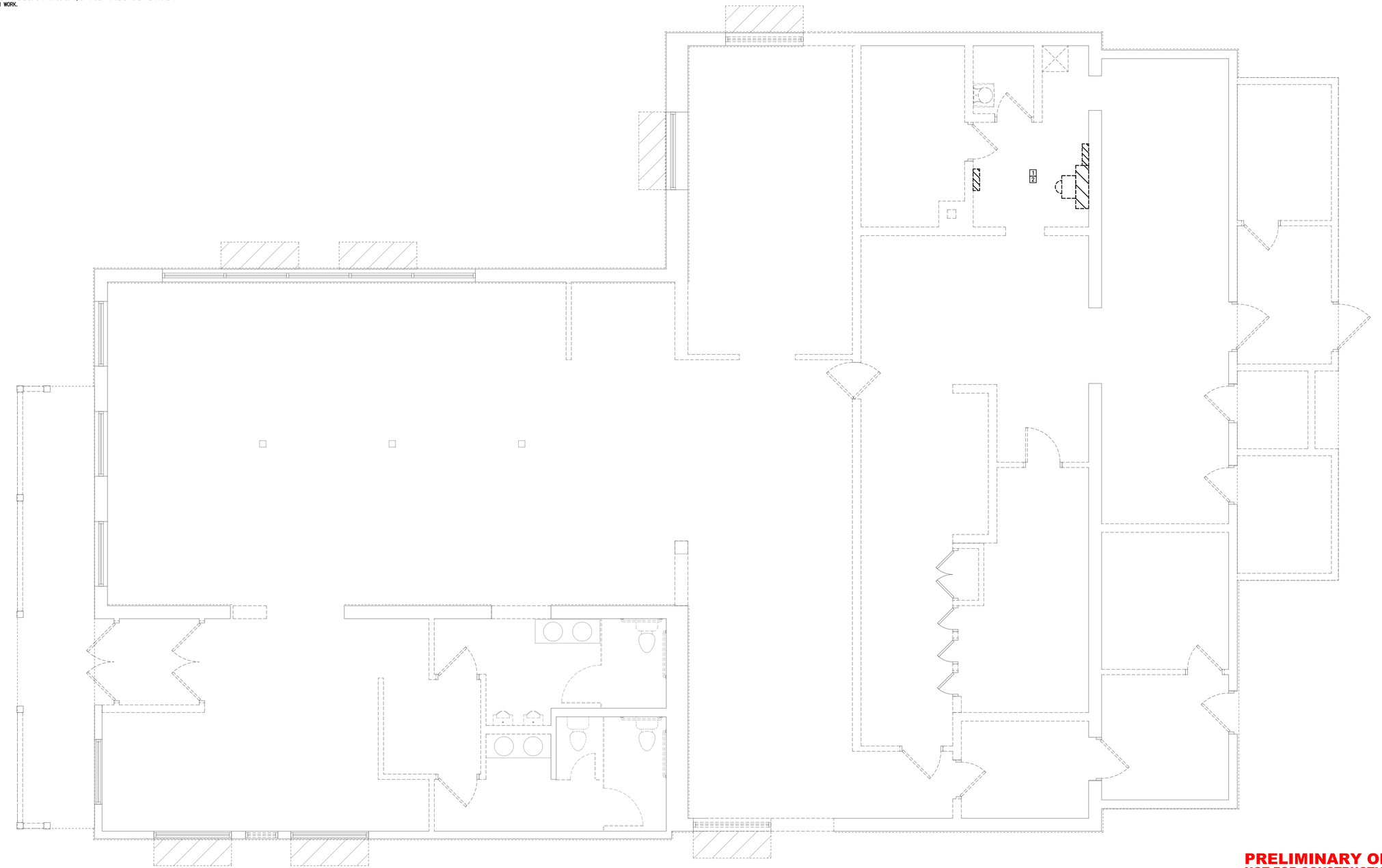
ELECTRICAL SITE PLAN

E001

ELECTRICAL DEMOLITION NOTES:

1. E.C. SHALL COORDINATE WITH THE UTILITY AND G.C. TO REMOVE POWER TO THE BUILDING. TIMING IS CRITICAL ON THIS. METER IS LOCATED ON THE INTERIOR. THE E.C. SHALL PROVIDE A COMPLETE CUT OF THE ELECTRICAL.
2. SEE SPEC SECTION 26 01 15 FOR TEMPORARY POWER REQUIREMENTS.

- THIS DEMOLITION PLAN HAS BEEN PREPARED TO ASSIST THE CONTRACTOR IN DETERMINING THE SCOPE OF DEMOLITION WORK TO BE INCLUDED IN THIS PROJECT. IT IS NOT INTENDED TO BE A COMPLETE INDICATION OF ALL DEMOLITION WORK REQUIRED TO COMPLETE THE PROJECT. THE CONTRACTOR SHOULD REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING DEMOLITION SHOWN FOR OTHER TRADES, AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, IN ORDER TO DETERMINE THE SCOPE OF DEMOLITION WORK.



1 / E100 **ELECTRICAL FLOOR PLAN** (DEMOLITION)
1/4"= 1'-0"

NORTH

PRELIMINARY ONLY
NOT FOR CONSTRUCTION
1-10-2022

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

PaulK 1/10/2022 1:11 PM 21100 e100.dwg

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Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	PDK
Drawn By	PDK

Project Status	**Issue Date**

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ELECTRICAL DEMOLITION FLOOR PLAN

E100

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MFG	PART #	TEMP.	LUMENS	MOUNT	SHIELDING	DRIVER	VOLT.	EMERG	COLOR	OPTIONS	EQUALS	NOTE
B2	2'X2' FLAT PANEL TROFFER	Metalux	22FPSL	SEL	2K-3.3K	RECESSED	FLAT	0-10V DIM	U(UNV)		WHITE		ACCUITY,HUBBELL	1,4
B4	2'X4' FLAT PANEL TROFFER	Metalux	24FPSL	SEL	3K-6K	RECESSED	FLAT	0-10V DIM	U(UNV)		WHITE		ACCUITY,HUBBELL	1,4
C6	6" J-BOX SURFACE CAN 15W	HALO	SLD612	40	1200	JB	FLAT	0-10V DIM	UNV		WHITE		ACCUITY,HUBBELL	1
C12	12" J-BOX SURFACE CAN 27W	HALO	SMD12R9S	40	2000	JB	X	0-10V DIM	UNV		WHITE		ACCUITY,COOPER	1
D3	2' UNDERCABINET MOUNT 11W	HALO	HU1124D9	SEL	800	SM(SURF)	FR(FROST)	DIMMABLE	U		WHITE		ACCUITY,COOPER	1,2
TYPE	**DESCRIPTION**	**MFG**	**PART #**	**LETTER**	**FINISH**	**APPLICATION**		**SELF-DIAGNOS.**		**X**	**X**	**OPTIONS**	**EQUALS**	**NOTE**
E	EXIST NO HEAD & REMOTE PWR	DUALLITE	EVCU	R (RED)	W(WHITE	STANDARD		I (SELF)			WHITE		ACCUITY,COOPER	1,6
E1	EXIT WITH HEADS REMOTE PWR	DUALLITE	EVCU	R (RED)	W(WHITE	D4 (REMOTE)		I (SELF)			WHITE		ACCUITY,COOPER	1,6
EMR	EMERGENCY REMOTE EXTERIOR	DUALLITE	EVOD		W(WHITE						WHITE		ACCUITY,COOPER	1,6
EMR1	EMERGENCY REMOTE INTERIOR	DUALLITE	EVR2		W(WHITE						WHITE		ACCUITY,COOPER	1,6
TYPE	**DESCRIPTION**	**MFG**	**PART #**	**TEMP.**	**LUMENS**	**MOUNT**	**X**	**DRIVER**	**VOLT.**	**MTG HGT**	**COLOR**	**X**	**EQUALS**	**NOTE**
F4	4' FRONSTED LENS STRIP 35W	Metalux	4SNLED	4K	4500	VERIFY	SQUARE/FR	0-10V DIM	UNV		WHITE	MNT HDW	ACCUITY,HUBBELL	1,2
G	WET LOCATION CAN J-BOX TYPE	HALO	SLD612	4K	1,215	RECESSED	FLAT		UNV		WHITE?		ACCUITY,HUBBELL	1
P24	POLE MOUNTED SITE LIGHT 63W	McGraw	GALNSA2AT4FT	4K	9,200	POLE	TYPE 4FT		UNV		DB	SPB4	ACCUITY,HUBBELL	1,3
WS	5" LED WALL SCONCE CYL 16W	Progress	P6575-30/30K	3K	2,000	WALL			UNV		WHITE		ACCUITY,HUBBELL	1
WPS	WALL MNTD. SITE LIGHT 12W	LUMARK	XTOR1B	4K	1,400	WALL			UNV	VERIFY	WHITE		ACCUITY,HUBBELL	1,5

1. FIXTURE MODEL NUMBER MAY NOT REFLECT ALL MOUNTING HARDWARE. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE NECESSARY MOUNTING EQUIPMENT, LENSES, STEMS, SAFETY CHAINS, END PLATES AND OTHER HARDWARE FOR A COMPLETE INSTALLATION. PROVIDE FLANGE KIT AS REQ'D.
2. COORDINATE LOCATION WITH EQUIPMENT AND OWNER.
3. PROVIDE A 25' POLE MEETING EPA REQUIREMENTS.
4. SET TO MED. LUMEN AND 4000K TEMP.
5. PROVIDE WALL BRACKET
6. EQUALS SHALL HAVE THE SAME DIST. AND HEAD SIZE.

SENSORS

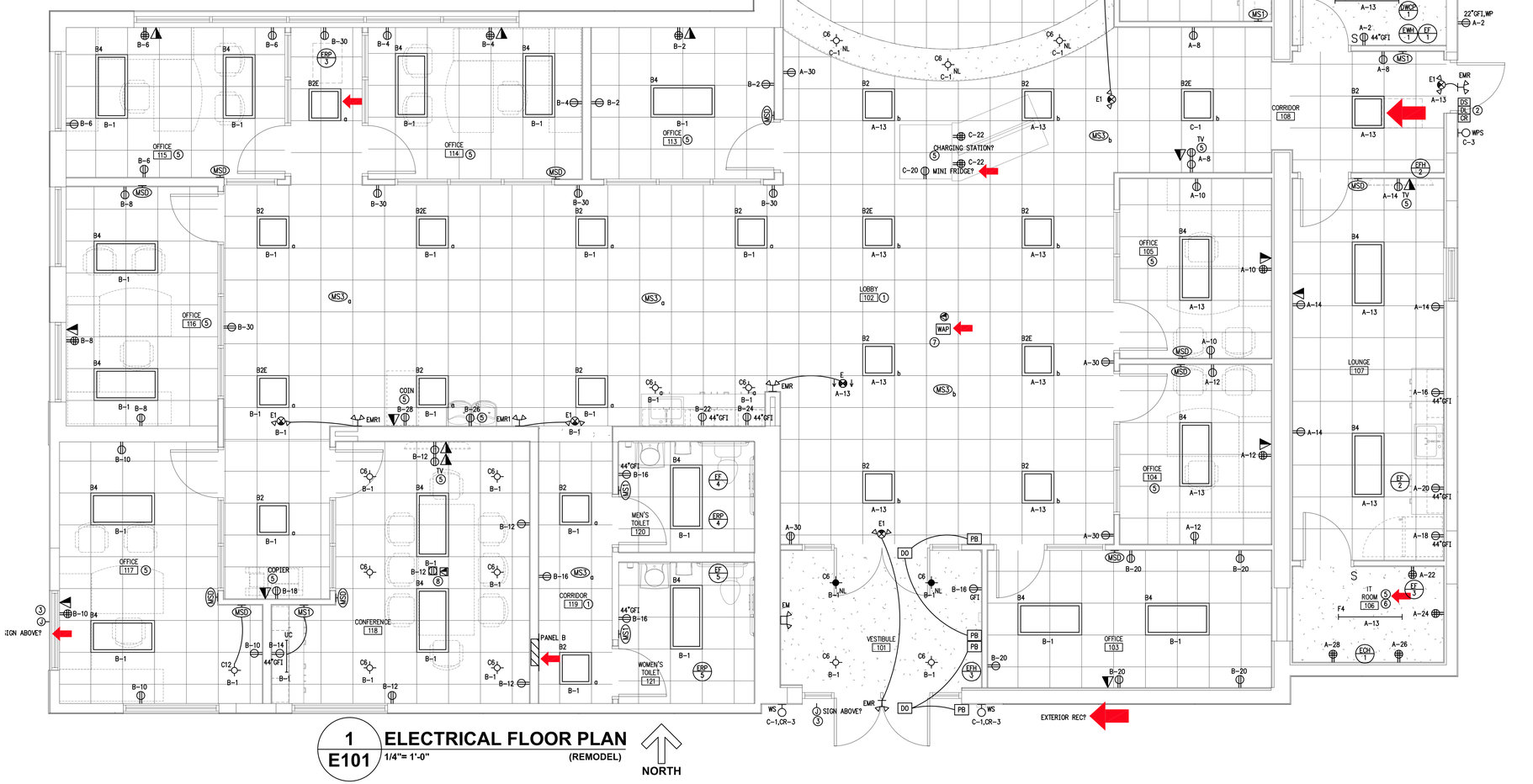
DES.	DESCRIPTION	MFG.	PART #	MTG. HT
MS1	WALL MOUNT SINGLE SWITCH, DUAL TECH., 1000' COVERAGE, LINE VOLTAGE.	HUBBELL	LHMTS1-G-X	44" AFF
MSD	WALL MOUNT SWITCH, 0-10V DIMMING, 1000' COVERAGE, LINE VOLTAGE.	HUBBELL	LHDJN-X	44" AFF
MS3	8'-12' CEILING MOUNT DUAL TECH., 2000' COVERAGE, LOW VOLTAGE.	HUBBELL	OMNIDT2000QTI	CEILING
MS4	8'-12' CEILING MOUNT DUAL TECH., 2000' COVERAGE, LOW VOLTAGE, VACANCY.	HUBBELL	OMNIDT2/UVPPM	CEILING

NOTES:
- E.C. SHALL PROVIDE A POWER PACK RELAY RATED AT 20 AMPS.
- E.C. SHALL PROVIDE SENSOR LOCATION LAYOUT PER MOTION SENSOR MANUFACTURER FOR EACH ROOM WITH DEVICE SHOP DRAWING SUBMITTAL.
- INTER-CONNECT MULTIPLE MOTION SENSORS IN ONE ROOM PER MANUFACTURER.
- CONNECT ALL MOTION SENSORS IN CIRCUIT AHEAD OF ROOM SWITCHING.
- PROVIDE 5' SLACK CABLE ABOVE CEILING ON ALL MOTION SENSORS TO ALLOW FOR MINOR LOCATION ADJUSTMENTS.

LOW VOLTAGE LIGHTING CONTROL PANEL (LCP)

RELAY #	CIRCUIT #	CONTROL SWITCHES	AREA CONTROLLED
CR-1	C-1	PC, TIME CLOCK	CANOPY LIGHTS
CR-2	C-1	PC, TIME CLOCK	ATM LIGHTS
CR-3	C-1	PC, TIME CLOCK	FLAG POLE,FRONT SCONCES,OPEN/CLSD
CR-4	X	PC, TIME CLOCK	SIGN LIGHTING
CR-5			
CR-6			
CR-7			
CR-8			

NOTES:
- CONTROL PANEL SHALL BE EQUAL TO A HUBBELL #CX082S08XX
- PROVIDE PHOTO CELL.
- COORDINATE ALL SET TIMES WITH OWNER.



ELECTRICAL REMODEL NOTES:

1. CEILING AND/OR FIXTURE MOUNTED OCCUPANCY SENSORS SHALL BE SOLE CONTROL OF LIGHTING IN ROOM.
2. PROVIDE CONDUIT ROUGH-INS FROM CARD READER, DOOR POSITION SWITCH AND DOOR STRIKE TO NEAREST ACCESSIBLE CEILING SPACE. COORDINATE LOCATION WITH ARCHITECT, OWNER AND SECURITY CONTRACTOR. ALL WIRING BY OTHERS. REFER TO DETAIL X.
3. COORDINATE LOCATION AND REQUIREMENTS FOR INTEGRAL LIGHTED SIGN.
4. COORDINATE LOCATION AND REQUIREMENTS FOR DRIVE THROUGH SIGNAGE.
5. COORDINATE POWER AND INFORMATION OUTLET LOCATIONS WITH FURNITURE, OWNER AND ARCHITECT.
6. PROVIDE ¾" FIRE RATED PAINTED WHITE PLYWOOD ON THREE WALLS IN THIS ROOM. COORDINATE RECEPTACLE AND CONDUIT ROUGH-IN LOCATIONS WITH SYSTEMS PROVIDER.
7. WIRELESS ACCESS POINT: CABLE PROVIDED BY OTHERS. COORDINATE WITH SYSTEMS PROVIDER.
8. COORDINATE FLOOR DEVICES WITH ARCHITECT, FURNITURE AND OWNER PRIOR TO INSTALLATION. VERIFY FLANGE TYPE AND COLORS.
9. QUAD RECEPTACLE NEXT TO DEAL DRAWER. COORDINATE EXACT LOCATION WITH RT5000 DETAILED DRAWINGS AND PROVIDER PRIOR TO INSTALL. CIRCUIT C-10.
10. QUAD RECEPTACLE FOR DRIVE THROUGH TELLER AUDIO. COORDINATE EXACT LOCATION WITH RT5000 DETAILED DRAWINGS AND PROVIDER PRIOR TO INSTALL. CIRCUIT C-8.
11. PROVIDE A 20A/1P CIRCUIT IN ¾" CONDUIT (UNDERGROUND) TO EACH REMOTE PEDESTAL. COORDINATE EXACT LOCATION WITH RT5000 DETAILED DRAWINGS AND PROVIDER PRIOR TO INSTALL. CIRCUIT C-2, C-4 AND C-6.
12. AUDIO J-BOX: PROVIDE A 10"X10"X4" AUDIO J-BOX BY THE TELLER DRAWER WITH BUSHED COVER, 1-1/2" BUSHING IN LOWER RIGHT-HAND CORNER. COORDINATE EXACT LOCATION WITH RT5000 DETAILED DRAWINGS AND PROVIDER PRIOR TO INSTALL.
    - PROVIDE A ¾" CONDUIT (UNDERGROUND) TO EACH REMOTE PEDESTAL FOR AUDIO (CABLES BY OTHERS).
    - PROVIDE A ¾" CONDUIT TO VIDEO CONTROL CENTER FROM THE AUDIO BOX.
    - PROVIDE A ¾" CONDUIT CONDUIT TO J-BOX #2 ABOVE THE WINDOW FOR TELLER CONTROL CABLE. PROVIDE A 4' OF FLEXIBLE CONDUIT TO TELLER UNIT.
13. POWER FOR EACH TELLER UNIT ABOVE TELLER WINDOW: COORDINATE EXACT LOCATION WITH RT5000 DETAILED DRAWINGS AND PROVIDER PRIOR TO INSTALL.
    - PROVIDE A 15A/1P CIRCUIT IN ¾" CONDUIT TO J-BOX #1 ABOVE WINDOW. CIRCUIT C-12, C-14 AND C-16.
    - PROVIDE A J-BOX #3 WITH A 4' FLEXIBLE CONDUIT TO THE TELLER UNIT. J-BOX #3 IS CONNECTED TO J-BOX #1 BY ¾" CONDUIT AND HOUSES THE 15 AMP CIRCUIT.
14. ATM REQUIRES A DEDICATED 30A/1P BREAKER. CIRCUIT C-18.

GENERAL ELECTRICAL NOTES:

- E.C. SHALL PROVIDE A DOUBLE GANG EXTRA DEEP J-BOX WITH A SINGLE GANG DRYWALL RING AND 1" CONDUIT WITH A GROMMET ON THE END TO ACCESSIBLE CEILING FOR ALL INFORMATION OUTLETS. CABLES, TERMINATIONS AND TESTING BY OTHERS.
- E.C SHALL COORDINATE WITH CODE SHEET AND SPECIFICATIONS FOR ALL ROOM CLASSIFICATIONS AND FIRE RATINGS PRIOR TO BIDS.
- PROVIDE GFCI, AIC AND TR RECEPTACLES PER CODE.

NOTE:
PLUMBING, MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE WITH ONE ANOTHER ALONG WITH OTHER TRADES BEFORE BEGINNING ANY INSTALLATION AND CONTINUING THROUGHOUT PROJECT.

PRELIMINARY ONLY
NOT FOR CONSTRUCTION
1-10-2022

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL

141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	PDK
Drawn By	PDK
Project Status	Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ELECTRICAL REMODEL FLOOR PLAN

E101

PaulK 1/10/2022 1:11 PM 21100 e100.dwg

PANEL: PANEL A
VOLTAGE: 240/120V-1P-3W
MOUNTING: SURFACE
FED FROM: UTILITY
BUS RATING: 400A
MAIN: 350A

TYP	DESCRIPTION	BRK	LOAD	NO.	PH A	PH B	NO.	LOAD	BRK	DESCRIPTION	TYP
	SPD	30A		1	540		2	540	20A	MECH/ELEC RMS & EXT. REC.	R
	SPD	2P		3		1000	4	1000	20A	WORK ROOM COPIER REC.	R
N	PANEL B	100A	6817	5	7717		6	900	20A	WORK ROOM REC.	R
N	PANEL B	2P	7570	7		8290	8	720	20A	CORRIDOR 108 REC.	R
N	PANEL C	100A	6630	9	7350		10	720	20A	OFFICE 105 REC.	R
N	PANEL C	2P	4600	11		5320	12	720	20A	OFFICE 104 REC.	R
N	LIGHTING	20A	760	13	1480		14	720	20A	LOUNGE REC.	R
N	F-1	20A	1400	15		1580	16	180	20A	LOUNGE COUNTER REC.	R
N	F-2	20A	1400	17	2400		18	1000	20A	REFRIGERATOR	R
N	AC-1	50A	2800	19		2980	20	180	20A	LOUNGE COUNTER REC.	R
N	AC-1	2P	2800	21	3160		22	360	20A	IT REC	R
N	AC-2	50A	2800	23		3160	24	360	20A	IT REC	R
N	AC-2	2P	2800	25	3160		26	360	20A	IT REC	R
N	EFH-1	20A	1500	27		1860	28	360	20A	IT REC	R
M	EFH-1	2P	1500	29	2220		30	720	20A	LOBBY RECEPTACLES	R
N	EFH-2	20A	1500	31		1500	32		20A	SPARE	
N	EFH-2	2P	1500	33	1500		34		20A	SPARE	
N	EWH-1	30A	2250	35		2250	36		20A	SPARE	
N	EWH-1	2P	2250	37	2250		38		20A	SPARE	
N	EF-1,2,3	20A	300	39		300	40		20A	SPARE	
N	ECH-1 & DWCP-1	20A	633	41	633		42		20A	SPARE	

*			0	0	X - MEASURED/CALCULATED LOAD
*			0	0	D - DELETED LOAD
*			0	0	Y - SUBSEQUANT ADDED LOAD
*	BUS TOTALS (kVA)		0	0	C - CONTINUOUS LOAD (*125%)
*	CONNECTED:	70.4	0	0	LM - LARGEST MOTOR LOAD (*125%)
*	DEMAND:	60.7	1500	0	M - MOTOR LOAD
*			25590	24720	N - NON-CONTINUOUS LOAD
*	BUS TOTALS (AMPS)		5320	3520	R - RECEPTACLE DEMAND (100% 10KVA, 50% OF REMAINING)
*	CONNECTED:	293.3	0	0	K - KITCHEN LOAD (65% OF LOAD)
*	DEMAND:	252.7	32410	28240	**TOTAL DEMAND PER PHASE (VA)**

PANEL: B
VOLTAGE: 240/120V-1P-3W
MOUNTING: SURFACE
FED FROM: PANEL A
BUS RATING: 125A
MAIN: MLO

TYP	DESCRIPTION	BRK	LOAD	NO.	PH A	PH B	NO.	LOAD	BRK	DESCRIPTION	TYP
N	LIGHTING	20A		1	720		2	720	20A	OFFICE 113 REC.	R
N	LIGHTING	20A		3		720	4	720	20A	OFFICE 114 REC.	R
	SPARE	20A		5	900		6	900	20A	OFFICE 115 REC.	R
N	EFH-3	20A	1500	7		2220	8	720	20A	OFFICE 116 REC.	R
N	EFH-3	2P	1500	9	2400		10	900	20A	OFFICE 117 REC.	R
N	ERP-3,4,5	20A	1250	11		2330	12	1080	20A	CONFERENCE ROOM REC.	R
N	EF-4 & EF-5	15A	177	13	357		14	180	20A	CONFERENCE ROOM COUNTER REC	R
N	SPARE			15		720	16	720	20A	TOILETS, HALL & VEST. REC.	R
N	SPARE	20A		17	1000		18	1000	20A	OFFICE COPIER REC.	R
N	SPARE	20A		19		900	20	900	20A	OFFICE 103 REC.	R
N	SPARE	20A		21	180		22	180	20A	COFFEE BAR REC.	R
N	SPARE	2P		23		180	24	180	20A	COFFEE BAR REC.	R
N	SPARE	15A		25	500		26	500	20A	DRINKING FOUNTAIN (GFCI BRK)	R
N	SPARE	20A		27		500	28	500	20A	COIN MACHINE REC.	R
R	SPARE	20A		29	900		30	900	20A	OFFICE LOBBY REC.	R

*			0	0	X - MEASURED/CALCULATED LOAD
*			0	0	D - DELETED LOAD
*			0	0	Y - SUBSEQUANT ADDED LOAD
*	BUS TOTALS (kVA)		0	0	C - CONTINUOUS LOAD (*125%)
*	CONNECTED:	14.5	0	0	LM - LARGEST MOTOR LOAD (*125%)
*	DEMAND:	14.4	0	0	M - MOTOR LOAD
*			1677	2750	N - NON-CONTINUOUS LOAD
*	BUS TOTALS (AMPS)		5140	4820	R - RECEPTACLE DEMAND (100% 10KVA, 50% OF REMAINING)
*	CONNECTED:	60.5	0	0	K - KITCHEN LOAD (65% OF LOAD)
*	DEMAND:	59.9	6817	7570	**TOTAL DEMAND PER PHASE (VA)**

PANEL: C
VOLTAGE: 240/120V-1P-3W
MOUNTING: SURFACE
FED FROM: PANEL A
BUS RATING: 125A
MAIN: MLO

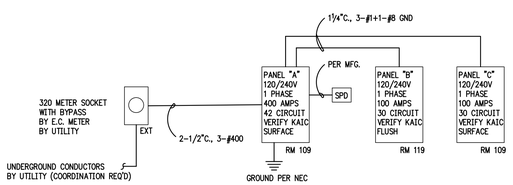
TYP	DESCRIPTION	BRK	LOAD	NO.	PH A	PH B	NO.	LOAD	BRK	DESCRIPTION	TYP
N	TELLER & CANOPY LIGHTING	20A	650	1	1650		2	1000	20A	TELLER ISLAND PEDESTAL ONE	N
N	SITE LIGHTING AND WALL PACKS	20A	300	3		1300	4	1000	20A	TELLER ISLAND PEDESTAL TWO	N
N	SIGN LIGHTING	20A		5	0		6		20A	SPARE	
N	MONUMENTAL SIGN	20A		7		360	8	360	20A	TELLER AREA AUDIO RECEPTACLE	R
	SPARE	20A		9	360		10	360	20A	TELLER AREA DEAL DRAWER REC.	R
N	ERP-1	20A	500	11		1000	12	500	15A	TELLER UNIT ONE ABOVE WINDOW	N
N	ERP-2	20A	500	13	1000		14	500	15A	TELLER UNIT TWO ABOVE WINDOW	N
R	TELLER RECEPTACLE	20A	180	15		180	16		20A	SPARE	
R	TELLER RECEPTACLE	20A	180	17	2180		18	2000	30A	ATM MACHINE	N
R	TELLER RECEPTACLE	20A	180	19		680	20	500	20A	TELLER AREA MINI FRIDGE	R
	SPARE	20A		21	720		22	720	20A	TELLER AREA ISLAND REC.	R
	SPARE	20A		23		720	24	720	20A	TELLER AREA RECEPTACLE	R
	SPARE	20A		25	360		26	360	20A	TELLER AREA RECEPTACLE	R
	SPARE	20A		27		360	28	360	20A	TELLER AREA RECEPTACLE	R
	SPACE ONLY			29	360		30	360	20A	TELLER AREA RECEPTACLE	R

*			0	0	X - MEASURED/CALCULATED LOAD
*			0	0	D - DELETED LOAD
*			0	0	Y - SUBSEQUANT ADDED LOAD
*	BUS TOTALS (kVA)		0	0	C - CONTINUOUS LOAD (*125%)
*	CONNECTED:	11.2	0	0	LM - LARGEST MOTOR LOAD (*125%)
*	DEMAND:	11.2	0	0	M - MOTOR LOAD
*			4650	2300	N - NON-CONTINUOUS LOAD
*	BUS TOTALS (AMPS)		1980	2300	R - RECEPTACLE DEMAND (100% 10KVA, 50% OF REMAINING)
*	CONNECTED:	46.8	0	0	K - KITCHEN LOAD (65% OF LOAD)
*	DEMAND:	46.8	6630	4600	**TOTAL DEMAND PER PHASE (VA)**

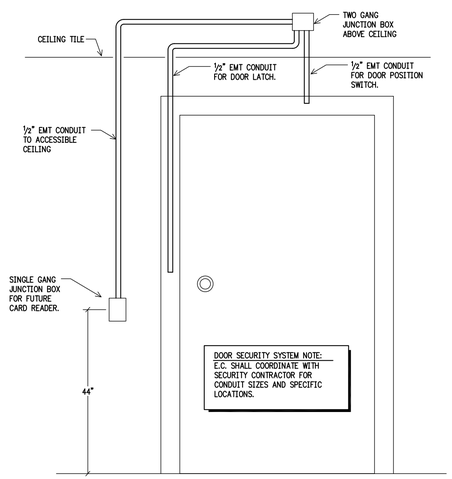
MOTOR, HVAC & EQUIPMENT SCHEDULE

IDENTIFICATION			CHARACTERISTICS			DISCONNECT DEVICE				STARTER				CONTROLS/CONTROL WIRING				NOTES
IDENT.	CIRCUIT #	FEEDER SIZE	KW,HP,FLA	V/PH	LOCATION	TYPE	NEMA	PROVIDE BY	LOCATION	TYPE	NEMA	PROVIDE BY	LOCATION	CHARACTERISTICS	WIRE BY	PROVIDED BY	LOCATION	
AC-1	A-19,21	2-#8+1-#10GND	29.1 MCA	240V/1PH	EXTERIOR	HEAVY DUTY NON-FUSED	3R	E.C.	AT UNIT	INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
AC-2	A-23,25	2-#8+1-#10GND	29.1 MCA	240V/1PH	EXTERIOR	HEAVY DUTY NON-FUSED	3R	E.C.	AT UNIT	INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
DWCP-1	A-41	2-#12+1-#12GND	FRACT.	120V/1PH	109	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	INTEGRAL				PLUMBING CONTROLS	P.C.	P.C.		2,4
ECH-1	A-41	2-#12+1-#12GND	600 W	120V/1PH	106	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
EF-1	A-39	2-#12+1-#12GND	77 W	120V/1PH	109	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	RELAY		E.C.	VERIFY	INTERLOCK WITH F-1 & LIGHTS	E.C.	E.C.		1
EF-2	A-39	2-#12+1-#12GND	77 W	120V/1PH	107	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT					SWITCH PILOT	E.C.	M.C.		1
EF-3	A-39	2-#12+1-#12GND	127 W	120V/1PH	106	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT					REVERSE ACTING THERMOSTAT	E.C.	M.C.		1
EF-4	B-13	2-#12+1-#12GND	77 W	120V/1PH	120	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	RELAY		E.C.	VERIFY	INTERLOCK WITH F-1 & LIGHTS	E.C.	E.C.		1
EF-5	B-13	2-#12+1-#12GND	100 W	120V/1PH	121	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	RELAY		E.C.	VERIFY	INTERLOCK WITH F-1 & LIGHTS	E.C.	E.C.		1
EFH-1	A-27,29	2-#12+1-#12GND	3 KW	240V/1PH	109	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
EFH-2	A-31,33	2-#12+1-#12GND	3 KW	240V/1PH	108	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
EFH-3	B-7,9	2-#12+1-#12GND	3 KW	240V/1PH	101	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
ERP-1	C-11	2-#12+1-#12GND	500 W	120V/1PH	112	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
ERP-2	C-13	2-#12+1-#12GND	500 W	120V/1PH	112	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
ERP-3	B-11	2-#12+1-#12GND	500 W	120V/1PH	102	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
ERP-4	B-11	2-#12+1-#12GND	250 W	120V/1PH	120	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
ERP-5	B-11	2-#12+1-#12GND	500 W	120V/1PH	121	INTEGRAL				INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
EWH-1	A-35,37	2-#10+1-#10GND	4.5 KW	120V/1PH	109	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT					PLUMBING CONTROLS	P.C.	P.C.		2
F-1	A-15	2-#12+1-#12GND	3/4 HP	120V/1PH	109	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1
F-2	A-17	2-#12+1-#12GND	3/4 HP	120V/1PH	109	MOTOR RATED SNAP SWITCH	1	E.C.	AT UNIT	INTEGRAL				HVAC CONTROLS	M.C.	M.C.		1

1. SEE MECHANICAL SHEETS FOR LOCATION OF EQUIPMENT AND COORDINATION WORK.
2. SEE PLUMBING SHEETS FOR LOCATIONS OF EQUIPMENT AND COORDINATION OF WORK.
3. SEE GENERAL CONTRACTOR FOR LOCATIONS OF EQUIPMENT AND COORDINATION OF WORK.
4. PROVIDE POWER CONNECTION TO AQUASTAT/TC.



1 E200 **POWER RISER DIAGRAM**
NO SCALE



2 E200 **DOOR SECURITY DETAIL**
NO SCALE

SYMBOL SCHEDULE

LIGHTING

FIXTURE TYPE / SWITCH LEGS OR RELAY # / XX / X-XX CIRCUIT # / PANEL DESIGNATION	LAY-IN TROFFER DESIGNATIONS TYPICAL FOR ALL FIXTURE TYPES
NL	NIGHT LIGHT (TYPICAL ALL FIXTURES) -ALL LAMPS SHALL BE UNSWITCHED
	STRIP / INDUSTRIAL FIXTURE
	CEILING FIXTURE
	WALL PACK / SCONCE FIXTURE
	EXIT LIGHT -UNIVERSAL MOUNT
	EXIT/EGRESS LIGHT COMBINATION -UNIVERSAL MOUNT
	EMERGENCY LIGHT -WALL MOUNT
	EMERGENCY LIGHT REMOTE HEAD -WALL MOUNT
	POLE MOUNTED EXTERIOR FIXTURE -IES DISTRIBUTION TYPE AS SHOWN
	FLOOD LIGHT
S	SINGLE POLE WALL SWITCH -44" TO CENTER AFF
S_3	THREE WAY WALL SWITCH -44" TO CENTER AFF
S_4	FOUR WAY WALL SWITCH -44" TO CENTER AFF
S_D	DIMMING WALL SWITCH -44" TO CENTER AFF
S_L	LOW VOLTAGE WALL SWITCH -44" TO CENTER AFF
MS1	OCCUPANCY SENSOR (SINGLE SWITCH) -44" AFF
MS2	OCCUPANCY SENSOR (DUAL SWITCH) -44" TO CENTER AFF
MSD	OCCUPANCY SENSOR (DIMMING SWITCH) -44" TO CENTER AFF
MSX	OCCUPANCY SENSOR -CEILING MOUNT
PC	PHOTO CELL
LC	ROOM LIGHTING CONTROLLER
RP	LOW VOLTAGE RELAY PANEL -WALL MOUNT AT 74" AFF TO TOP

COMMUNICATION

	INFORMATION OUTLET -18" TO CENTER AFF
	INFORMATION OUTLET -CEILING MOUNT
	INFORMATION OUTLET -FLOOR MOUNT

RECEPTACLES

	SINGLE RECEPTACLE -18" TO CENTER AFF
	DUPLEX RECEPTACLE -18" TO CENTER AFF
	DUPLEX RECEPTACLE -CEILING MOUNT
	DUPLEX RECEPTACLE -FLOOR MOUNT
GFI	GFI PROTECTED DUPLEX RECEPTACLE -18" TO CENTER AFF
	DOUBLE DUPLEX RECEPTACLE -18" TO CENTER AFF
	SPECIAL PURPOSE RECEPTACLE -18" TO CENTER AFF

POWER

	JUNCTION BOX -18" TO CENTER AFF
	JUNCTION BOX -CEILING MOUNT
	JUNCTION BOX -FLOOR MOUNT
DD	ADA DOOR OPERATOR -44" TO CENTER AFF
SV	SOLENOID VALVE
PB	PUSHBUTTON -44" TO CENTER AFF
X / Y	X EQUALS FUSE SIZE Y EQUALS DISCONNECT SIZE
XX / XX	EQUIPMENT NAME PER SCHEDULE EQUIPMENT # PER SCHEDULE
	POWER PANELBOARD (FLUSH MOUNT) -WALL MOUNT AT 74" AFF TO TOP
	POWER PANELBOARD (SURFACE MOUNT) -WALL MOUNT AT 74" AFF TO TOP
	GROUND

SECURITY

H	HORN -LOCATED ABOVE CEILING PER PLANS
KP	KEYPAD CONTROL -44" TO CENTER AFF
MD	MOTION DETECTOR -MOUNTING PER SUPPLIER
CR	CARD READER -44" TO CENTER AFF
DS	DOOR POSITION SWITCH
DL	DOOR LOCK
	CLOSED CIRCUIT CAMERA

ABBREVIATIONS

EC	ELECTRICAL CONTRACTOR	ECH	ELECTRIC COVE HEATER
MC	MECHANICAL CONTRACTOR	EF	EXHAUST FAN
PC	PLUMBING CONTRACTOR	EFH	ELECTRIC FAN FORCED HEATER
GC	GENERAL CONTRACTOR	ERP	ELECTRIC RADIANT PANEL
AC	AIR COOLED CONDENSING UNIT	EWH	ELECTRIC WATER HEATER
DWCP	CIRCULATING PUMP	F	FURNACE
GFI	GROUND FAULT INTERRUPTOR		
IG	ISOLATED GROUND		
WP	WEATHER PROOF		
GRD	GROUND		

PRELIMINARY ONLY
NOT FOR CONSTRUCTION
1-10-2022

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	PDK
Drawn By	PDK

Project Status	Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ELECTRICAL
SCHEDULES AND DETAILS

E200

PaulK 1/10/2022 1:08 PM 21100 e200.dwg

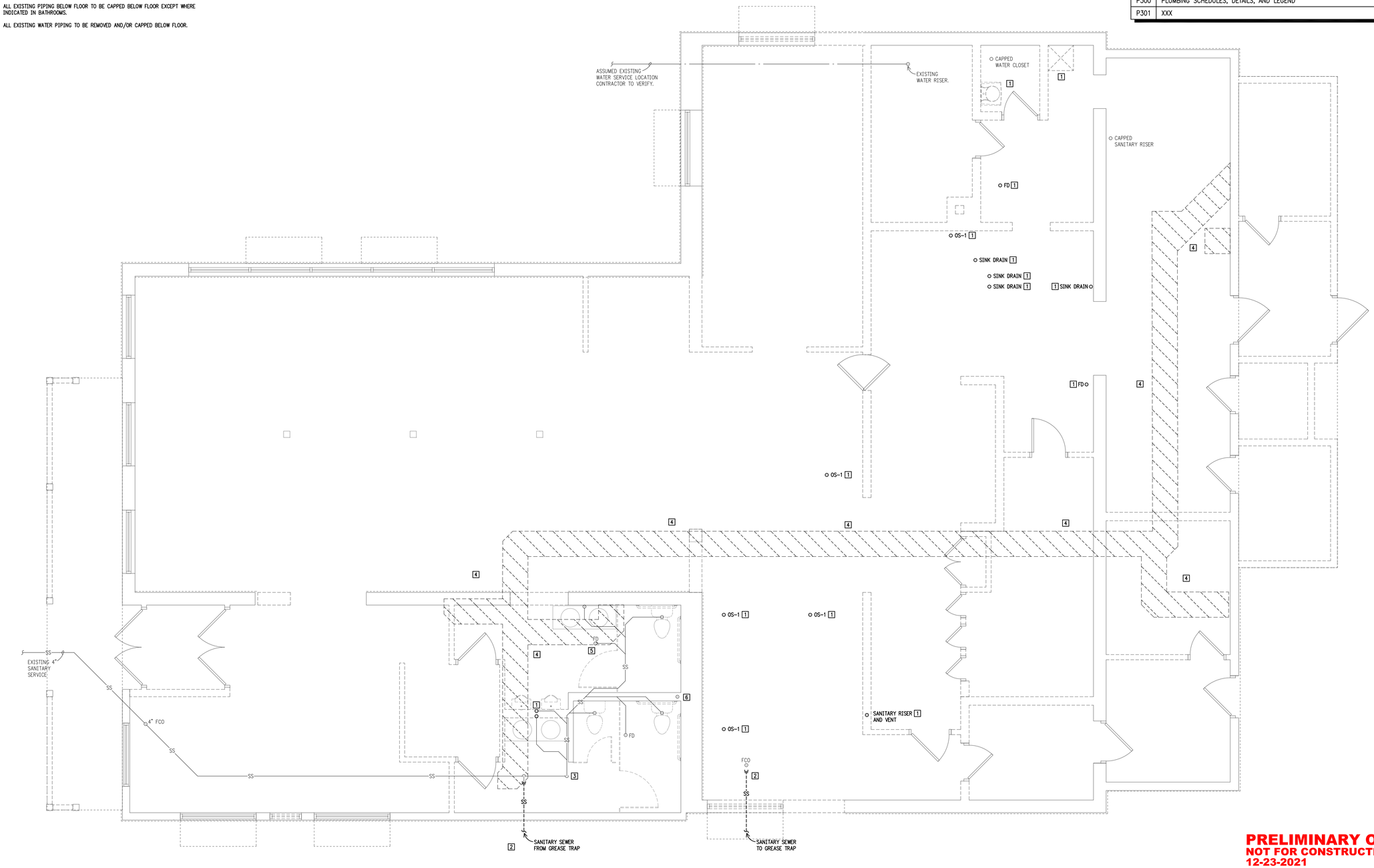
PLUMBING DEMOLITION NOTES:

1. CAP ALL EXISTING DRAIN AND WATER LINES BELOW FLOOR.
2. GREASE INTERCEPTOR TO BE REMOVED. CAP AS CLOSE TO BUILDING AS POSSIBLE.
3. SANITARY LINE DROPS TO ROUGHLY 5' 8" INVERT.
4. CUTTING AND PATCHING OF CONCRETE BY GC. PC TO COORDINATE LOCATIONS WITH GC.
5. FD-1 TO REMAIN IN PLACE. REPLACE WITH NEW FD-1 IF FLOOR CUTTING/DEMO REQUIRES DISTURBING EXISTING FD-1.
6. VERIFY EXISTING VENT LOCATION AND IF RISER IS SERVING ANY BATHROOM FIXTURES. IF NOT, CAP AT MAIN AND REMOVE.

- ALL EXISTING PIPING BELOW FLOOR TO BE CAPPED BELOW FLOOR EXCEPT WHERE INDICATED IN BATHROOMS.
- ALL EXISTING WATER PIPING TO BE REMOVED AND/OR CAPPED BELOW FLOOR.

PLUMBING SHEET INDEX

P100	PLUMBING DEMOLITION BELOW FLOOR PLAN
P101	PLUMBING DEMOLITION ABOVE FLOOR PLAN
P102	PLUMBING REMODEL BELOW FLOOR PLAN
P103	PLUMBING REMODEL ABOVE FLOOR PLAN
P104	XXX
P200	PLUMBING SCHEMATICS
P201	XXX
P202	XXX
P300	PLUMBING SCHEDULES, DETAILS, AND LEGEND
P301	XXX



1 P100 **PLUMBING BELOW FLOOR PLAN** (DEMOLITION)
1/4"= 1'-0"

NORTH

PRELIMINARY ONLY
NOT FOR CONSTRUCTION
12-23-2021

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

AdamF 12/23/2021 10:30 AM 21100 p100.dwg

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	JW
Drawn By	CDS

Project Status	Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

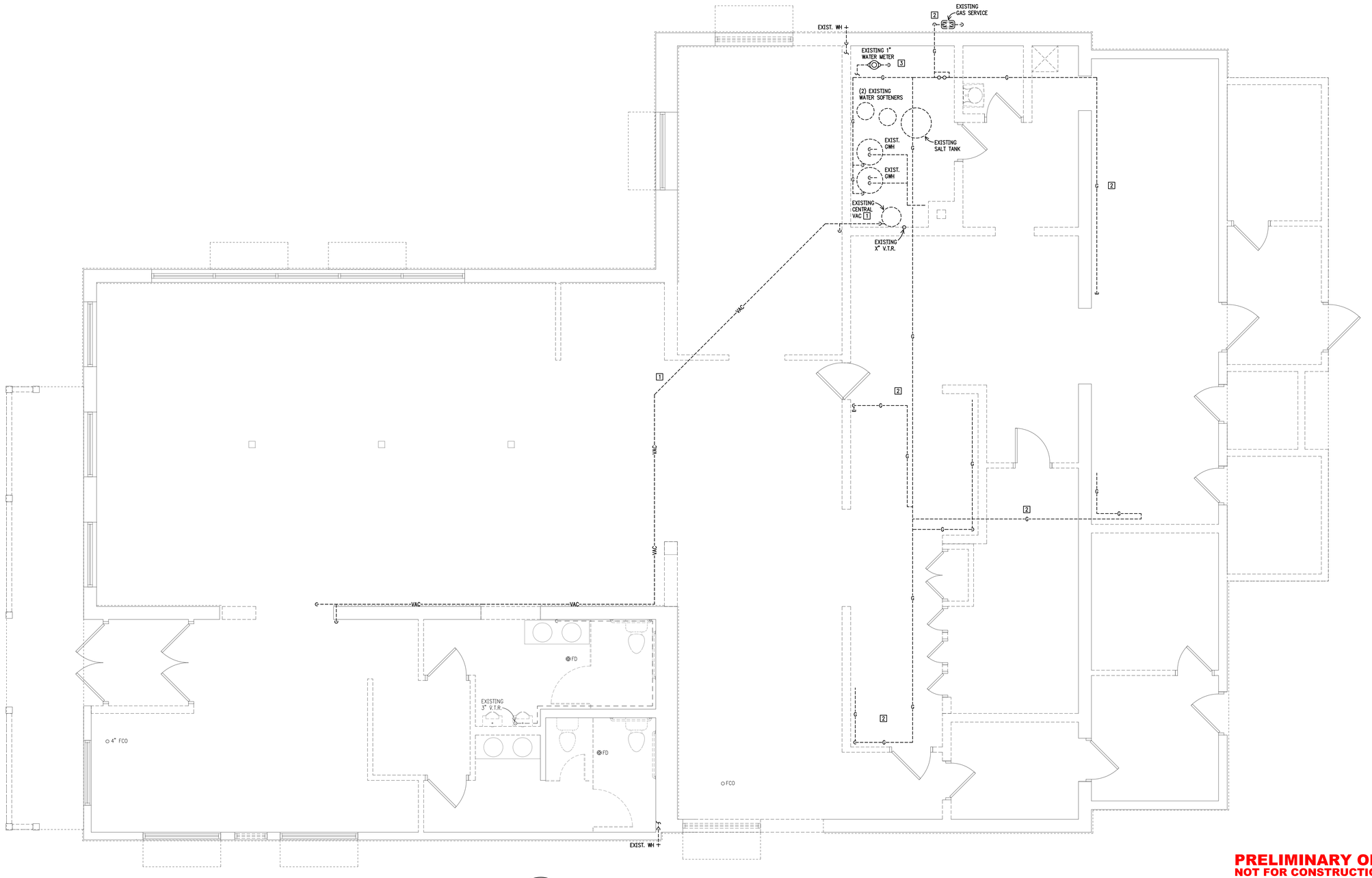
PLUMBING
DEMOLITION
BELOW FLOOR PLAN

P100

PLUMBING DEMOLITION NOTES:

1. CENTRAL VAC AND PIPING TO BE REMOVED BY P.C.
2. ALL GAS PIPING TO BE REMOVED. GAS SERVICE TO BE RELOCATED. COORDINATE WITH LOCAL UTILITY FOR METER RELOCATION.
3. WATER SERVICE AND METER TO BE RELOCATED. COORDINATE WITH WATER UTILITY FOR REMOVAL/CAPPING OF EXISTING PIPING.

– ALL WATER PIPING ABOVE FLOOR TO BE REMOVED. EXACT LOCATIONS OF ALL PIPING UNKNOWN.



1 / P101 PLUMBING ABOVE FLOOR PLAN

1/4"= 1'-0" (DEMOLITION)

NORTH

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Project No.: 21100

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Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	JW
Drawn By	CDS

Project Status	Issue Date

REVISION SCHEDULE

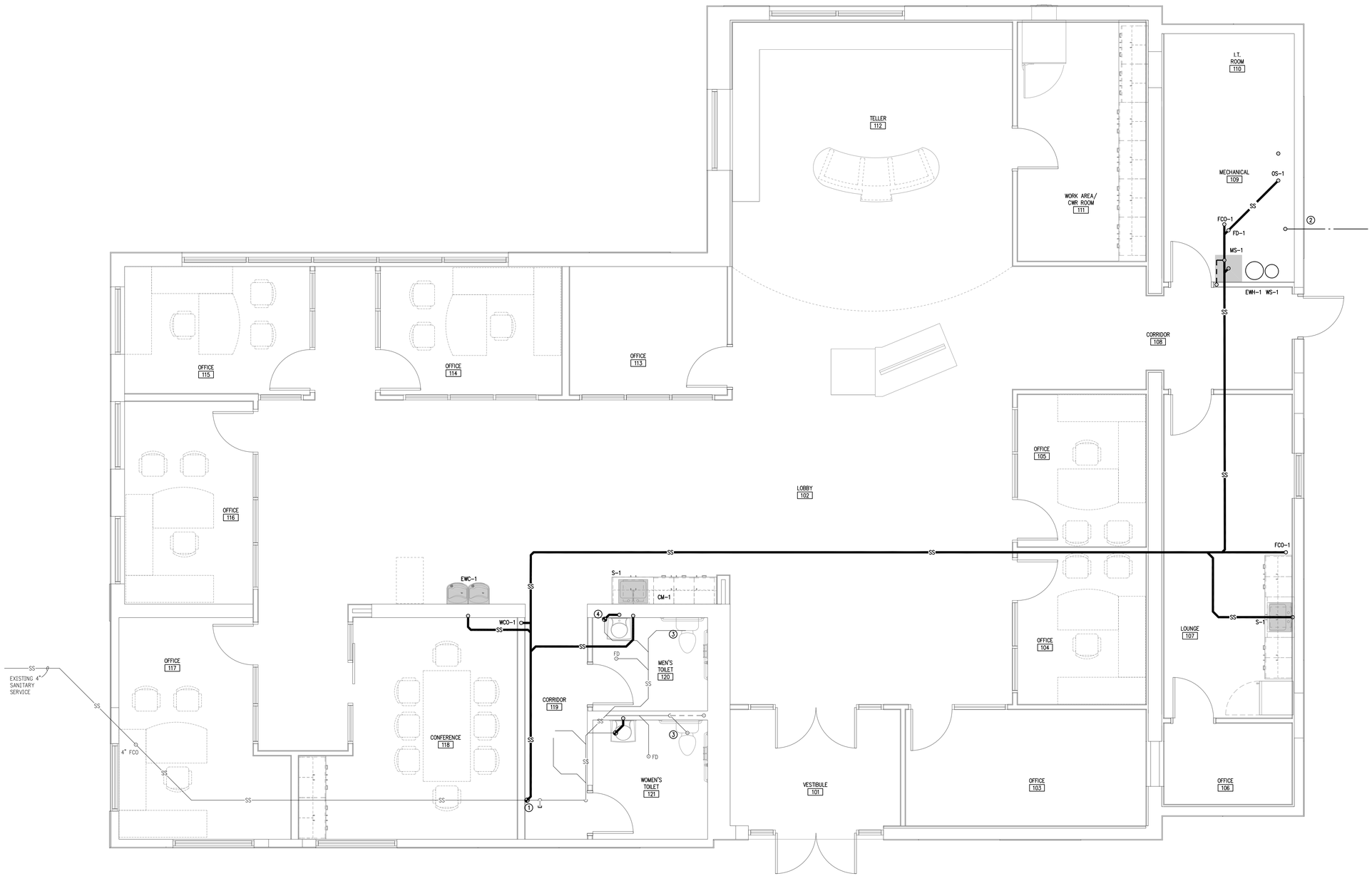
REV. #	DESCRIPTION	DATE

PLUMBING
DEMOLITION
ABOVE FLOOR PLAN

P101

PLUMBING REMODEL NOTES:

1. CONNECT TO EXISTING SANITARY SEWER.
2. COORDINATE WITH WATER UTILITY ON NEW WATER SERVICE LOCATION.
3. NEW TOILETS TO BE CONNECTED TO EXISTING DRAIN LINES.
4. CONNECT TO EXISTING SANITARY DRAIN.



1 P102 PLUMBING BELOW FLOOR PLAN (REMODEL)

1/4"= 1'-0"

NORTH

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12-23-2021

APEX Engineering
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Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

AdamF 12/23/2021 10:31 AM 21100 p100.dwg

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	DMP
Drawn By	LJJ

Project Status **Issue Date**

REVISION SCHEDULE

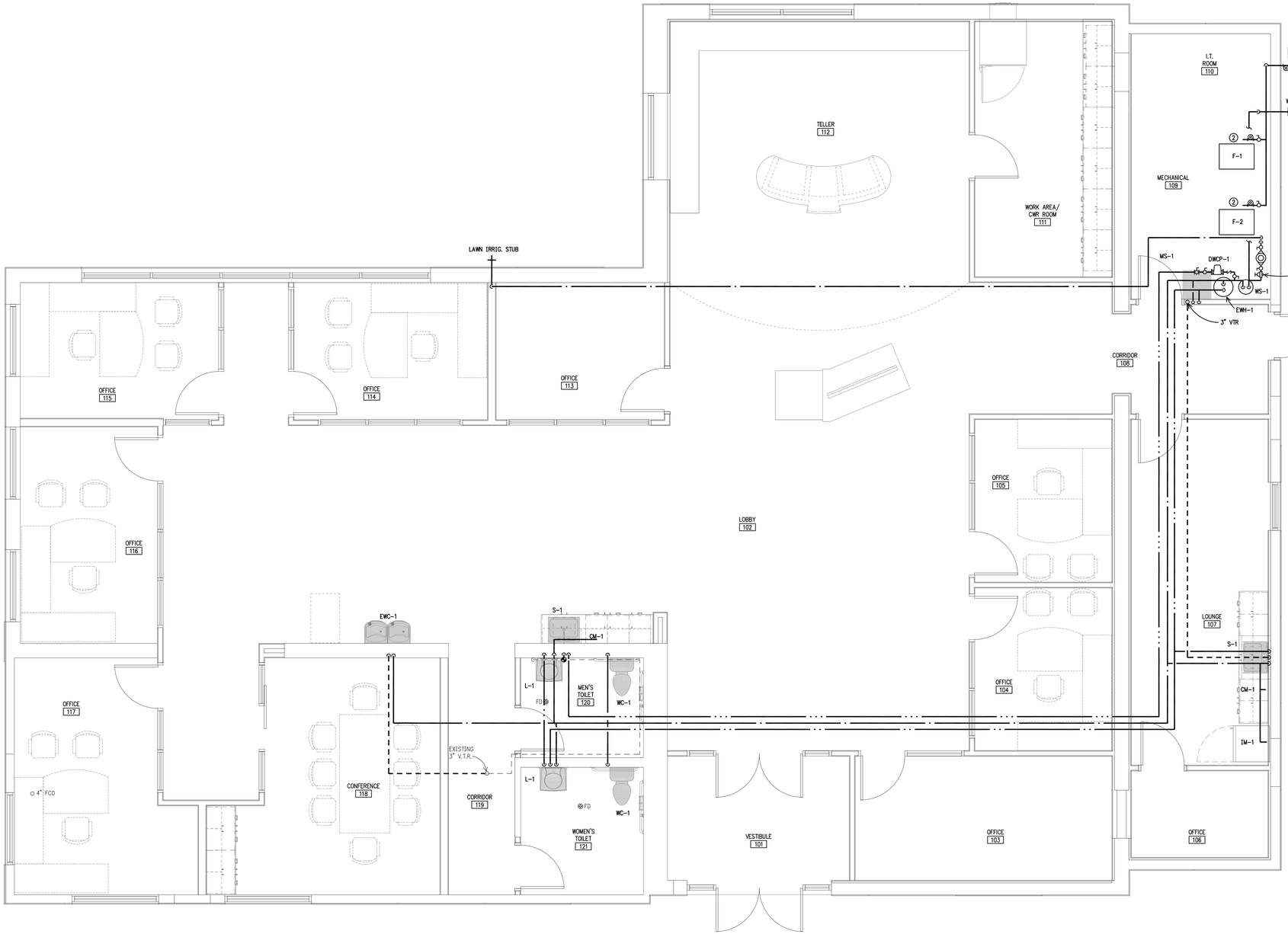
REV. #	DESCRIPTION	DATE

PLUMBING
REMODEL
BELOW FLOOR PLAN

P102

PLUMBING REMODEL NOTES:

1. PC TO COORDINATE LOCATION FOR NEW 2PSI GAS SERVICE WITH LOCAL UTILITY.
2. PC TO COORDINATE WITH HVAC CONTRACTOR FOR LOCATIONS FOR GAS CONNECTIONS TO HVAC EQUIPMENT.



1 P103 PLUMBING ABOVE FLOOR PLAN (REMODEL)

1/4"= 1'-0"

NORTH

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12-23-2021

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

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SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	DMP
Drawn By	LJJ

Project Status	Issue Date

REVISION SCHEDULE

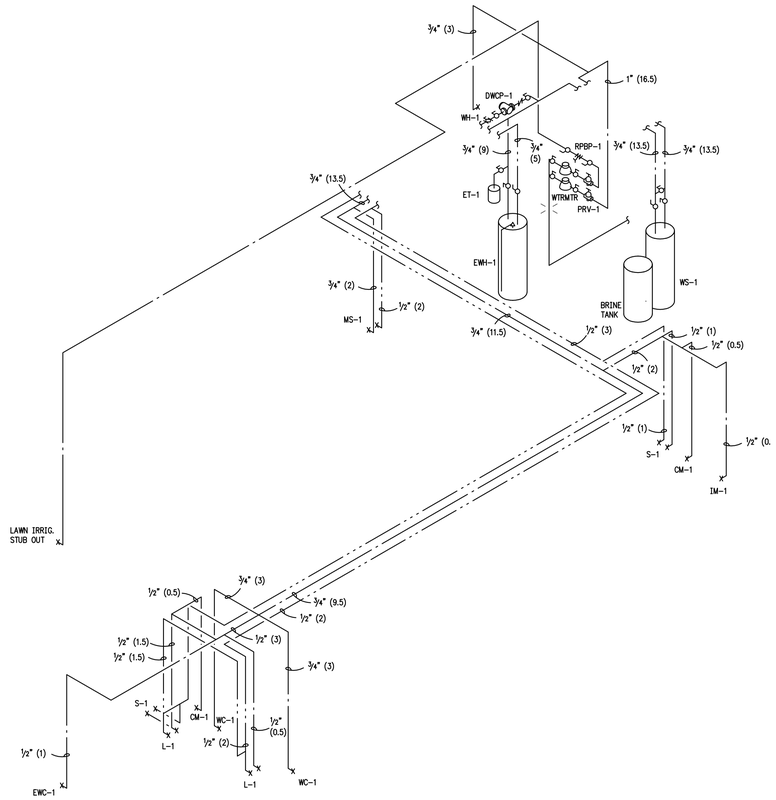
REV. #	DESCRIPTION	DATE

PLUMBING
REMODEL
ABOVE FLOOR PLAN

P103

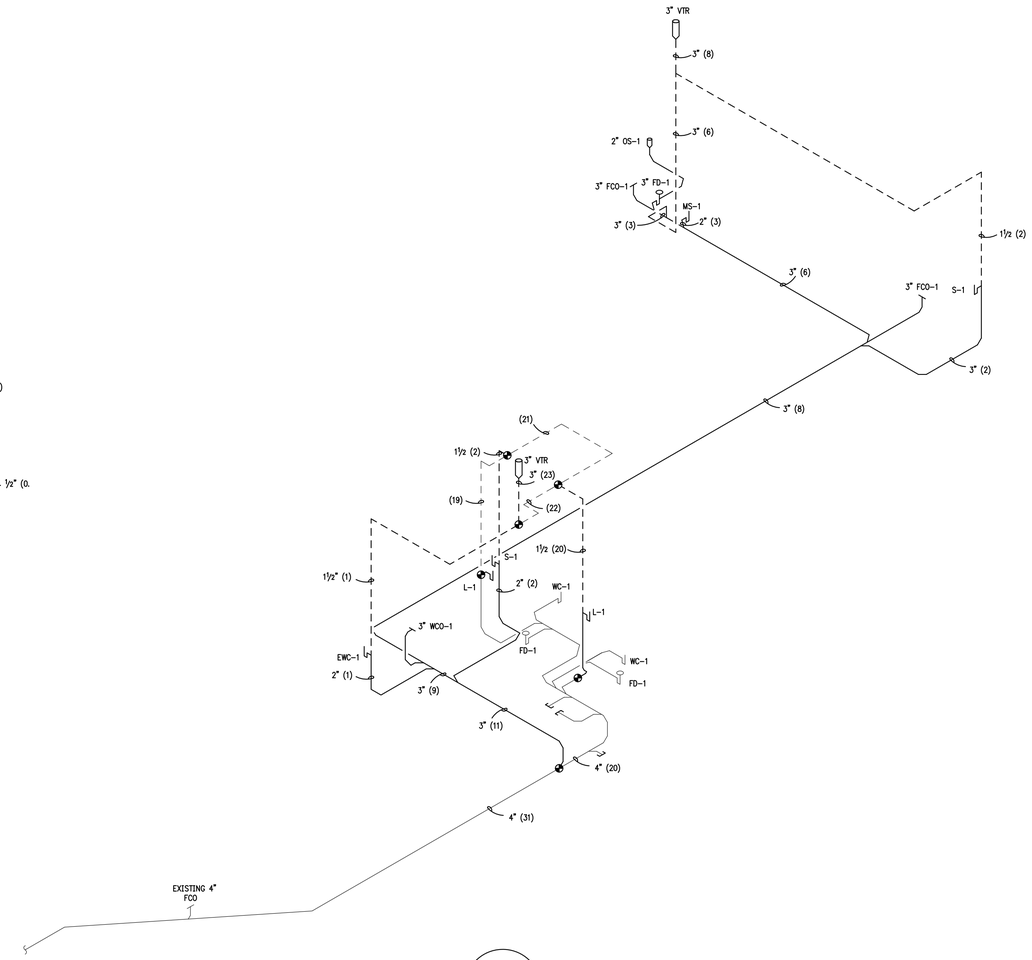
PLUMBING NOTES:

1 -



1/0 WATER PIPING SCHEMATIC

NO SCALE (MORE)



1/0 WASTE & VENT SCHEMATIC

NO SCALE (MORE)

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12-23-2021

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
Web: apexengineering.biz
Project No.: 21100

AdamF 12/23/2021 10:32 AM 21100 p200.dwg

SEH

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	AJF
Drawn By	AJF

Project Status	Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

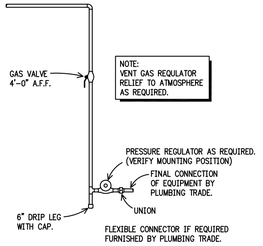
PLUMBING SCHEMATICS

P200

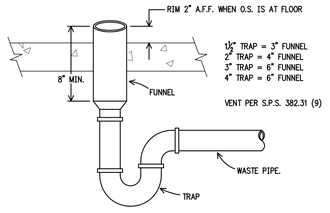
PLUMBING LEGEND

SS	BURIED SANITARY SEWER	A.B.	AIR BREAK
ST	BURIED STORM SEWER	A.G.	AIR GAP
SS	SANITARY ABOVE GRADE	I.E.	INVERT ELEVATION
RL	RAIN LEADER	R.D.	ROOF DRAIN
SRL	SECONDARY RAIN LEADER	F.D.	FLOOR DRAIN
G	GAS (NATURAL, PROPANE)	O.S.	OPEN SITE DRAIN (HUB DRAIN)
VAC	VACUUM PIPING	W.C.	WATER CLOSET
CD	CONDENSATE DRAIN (C.D.)	U.	URINAL
	VENT	L.	LAVATORY
	COLD WATER (C.W.)	S.	SINK
	HOT WATER (H.W.)	M.S.	MOP SINK
	HOT WATER RETURN (H.W.R.)	E.W.C.	ELECTRIC WATER COOLER
	THERMOMETER	D.F.	DRINKING FOUNTAIN
	AQUASTAT	B.F.	BOTTLE FILL STATION
	PRESSURE GAUGE	FLT.	FILTER
1"	PIPE SIZE	I.M.	ICE MAKER
	BALL VALVE	C.M.	COFFEE MAKER
	CHECK VALVE	SAN.	SANITARY
	GATE VALVE	V.	VENT
	SOLENOID VALVE	C.V.	CIRCUIT VENT
	BUTTERFLY VALVE	R.V.	RELIEF VENT
	BALANCING VALVE	V.T.R.	VENT THRU ROOF
	PRESSURE REDUCING VALVE	ST.	STORM
	REDUCE PRESSURE BACKFLOW PREVENTER	R.L.	RAIN LEADER
	TEMPERATURE AND RELIEF PRESSURE VALVE	S.R.L.	SECONDARY RAIN LEADER
	VACUUM RELIEF VALVE	C.W.	COLD WATER
	FIXTURE VALVE	H.W.	HOT WATER
	POINT OF CONNECTION	H.W.R.	HOT WATER RETURN
	WATER METER	D.I.	DUCTILE IRON
	DOMESTIC WATER CIRCULATING PUMP	C.I.	CAST IRON
	GAS METER	G.	NATURAL GAS
	GAS PRESSURE REGULATOR	VAC.	VACUUM PIPING
	UNION	W.H.	WALL HYDRANT
	RISER DOWN	B.F.P.	BACKFLOW PREVENTER
	RISER UP	R.P.B.P.	REDUCED PRESSURE BACKFLOW PREVENTER
	RISER UP OR DOWN	P.R.V.	PRESSURE REDUCING VALVE
	END CAP	T.P.V.	TEMPERATURE/PRESSURE RELIEF VALVE
100.0'	INVERT ELEVATION	D.W.C.P.	DOMESTIC WATER CIRCULATING PUMP
D.F.U.	DRAINAGE FIXTURE UNIT	E.W.H.	ELECTRIC WATER HEATER
W.S.F.U.	WATER SUPPLY FIXTURE UNIT	WTR. MTR.	WATER METER
G.P.M.	GALLONS PER MINUTE	E.T.	EXPANSION TANK
G.P.H.	GALLONS PER HOUR	V.B.	VACUUM BREAKER
A.F.F.	ABOVE FINISHED FLOOR	P.G.	PRESSURE GAUGE
A.F.G.	ABOVE FINISHED GRADE	∅ S.F.	SQUARE FOOT
B.F.F.	BELOW FINISHED FLOOR	B.V.	BALL VALVE
B.F.G.	BELOW FINISHED GRADE	N.I.C.	NOT IN CONTRACT
A.F.C.	ABOVE FINISHED CEILING	S.P.S.	SAFETY & PROFESSIONAL SERVICES
TYP.	TYPICAL	B.W.C.	BUILDING WORKS CONTRACTOR
EXIST.	EXISTING	G.C.	GENERAL CONTRACTOR
MIN.	MINIMUM	P.C.	PLUMBING CONTRACTOR
C.O.	CLEAN OUT	F.P.C.	FIRE PROTECTION CONTRACTOR
F.G.C.O.	FINISH GRADE CLEAN OUT	M.C.	MECHANICAL CONTRACTOR
F.C.O.	FLOOR CLEAN OUT	E.C.	ELECTRICAL CONTRACTOR
W.C.O.	WALL CLEAN OUT	1st.	FIRST FLOOR

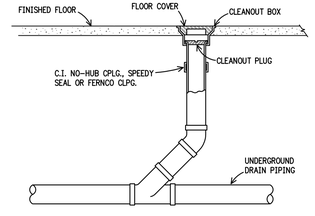
NOTE:
THIN LIGHT LINES INDICATE EXISTING PIPING AND EQUIPMENT. HEAVY AND THICK LINES INDICATE NEW PIPING AND EQUIPMENT.



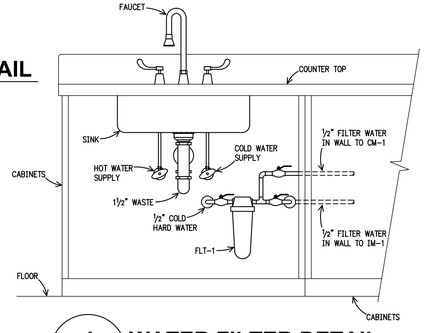
1 / P300 GAS CONNECTION DETAIL
NO SCALE — FLOOR MOUNTED EQUIPMENT



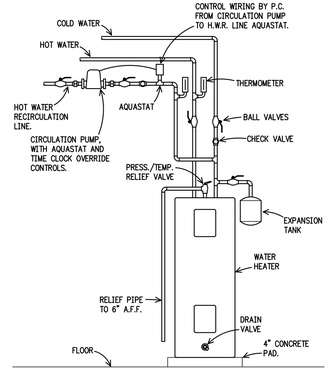
2 / P300 OPEN SITE DRAIN DETAIL
NO SCALE



3 / P300 CLEANOUT DETAIL
NO SCALE — (INTERIOR)



4 / P300 WATER FILTER DETAIL
NO SCALE — (COFFEE & ICE MAKER WATER)



5 / P300 ELECTRIC WATER HEATER DETAIL
NO SCALE — w/HOT WATER RETURN

ELECTRIC WATER HEATER SCHEDULE

UNIT NO.	ROOM NO.	STORAGE CAPACITY	RECOVERY	MAX. L.W.T.	K.W.	VOLTAGE	T.P.R. VALVE	REPR. MFGR. & MODEL NO.	REMARKS
EWH-1	MECH. 109	12 GAL	7 GPH @ 90°F RISE	120°F	1.5	120	FURNISHED	BRADFORD WHITE RE112T6	

PRESSURE REDUCING VALVE SCHEDULE

UNIT NO.	ROOM NO.	SIZE	INLET PRESSURE	OUTLET PRESSURE	CAPACITY GPM	REPR. MFGR. & MODEL NO.	REMARKS
PRV-1	MECH. 109	1½"	90PSI	65PSI	54	WATTS LF25AUB-Z3	

EXPANSION TANK SCHEDULE

UNIT NO.	ROOM NO.	TANK SIZE	DIA.	HEIGHT	SYSTEM CONN.	REPR. MFGR. & MODEL NO.	REMARKS
ET-1	MECH. 109	2.0 GAL	10"	10"	¾"	AMTROL THERMXTROL - ST-12	

CIRCULATING PUMP SCHEDULE

UNIT NO.	ROOM NO.	SERVICE	TYPE	G.P.M.	HEAD	MOTOR H.P.	ELECTRICAL CHARACTERISTICS	R.P.M.	REPR. MFGR. & MODEL NO.	REMARKS
DWCP-1	MECH. 109	DOMESTIC	INLINE BRONZE	0.5	4.0	VARIES	115/1	-	B&G E3-4V/BTXYZ	

WATER SOFTENER SCHEDULE

UNIT NO.	SERVICE	MAXIMUM FLOW RATE	BACKWASH FLOW RATE	DESIGN FLOW RATE	MEDIA BED	BACKWASH CONTROL	REPR. MFGR. & MODEL NO.	REMARKS
WS-1	SEE PLANS	14GPM	3GPM	14GPM	SEE SPEC.	SEE SPEC.	WATER CONTROL CORPORATION EF-30-MR	① ②

① INCLUDE FACTORY AUTHORIZED START-UP SERVICE
② INCLUDE 250lbs OF SALT.

REDUCED PRESSURE BACKFLOW PREVENTER

UNIT NO.	ROOM NO.	SIZE	WATER TEMPERATURE	PRESSURE DROP	REPR. MFGR. & MODEL NO.	ACCESSORIES	REMARKS
RPBP-1	MECH. 109	¾"	50°F	???	WILKINS 975XLS	AG-4 ¾" AIR GAP	① ② ③

① PLUMBING CONTRACTOR IS RESPONSIBLE FOR TESTING AND REGISTERING VALVE.
② LABEL WATER PIPING DOWNSTREAM AS NON-POTABLE.
③ PIPE AIR GAP DOWN TO FLOOR ALONG WALL NEAR FLOOR DRAIN.

NOT FOR CONSTRUCTION

Project Owner

CCF BANK
NEW LA CROSSE BRANCH BUILDING REMODEL
141 S 7TH ST. LA CROSSE, WI 54601

SEH Project	???
Checked By	AJF
Drawn By	AJF

Project Status	Issue Date

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

PRELIMINARY ONLY
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12-23-2021

APEX Engineering
Eau Claire, Wisconsin
Telephone: 715-835-7736
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Project No.: 21100

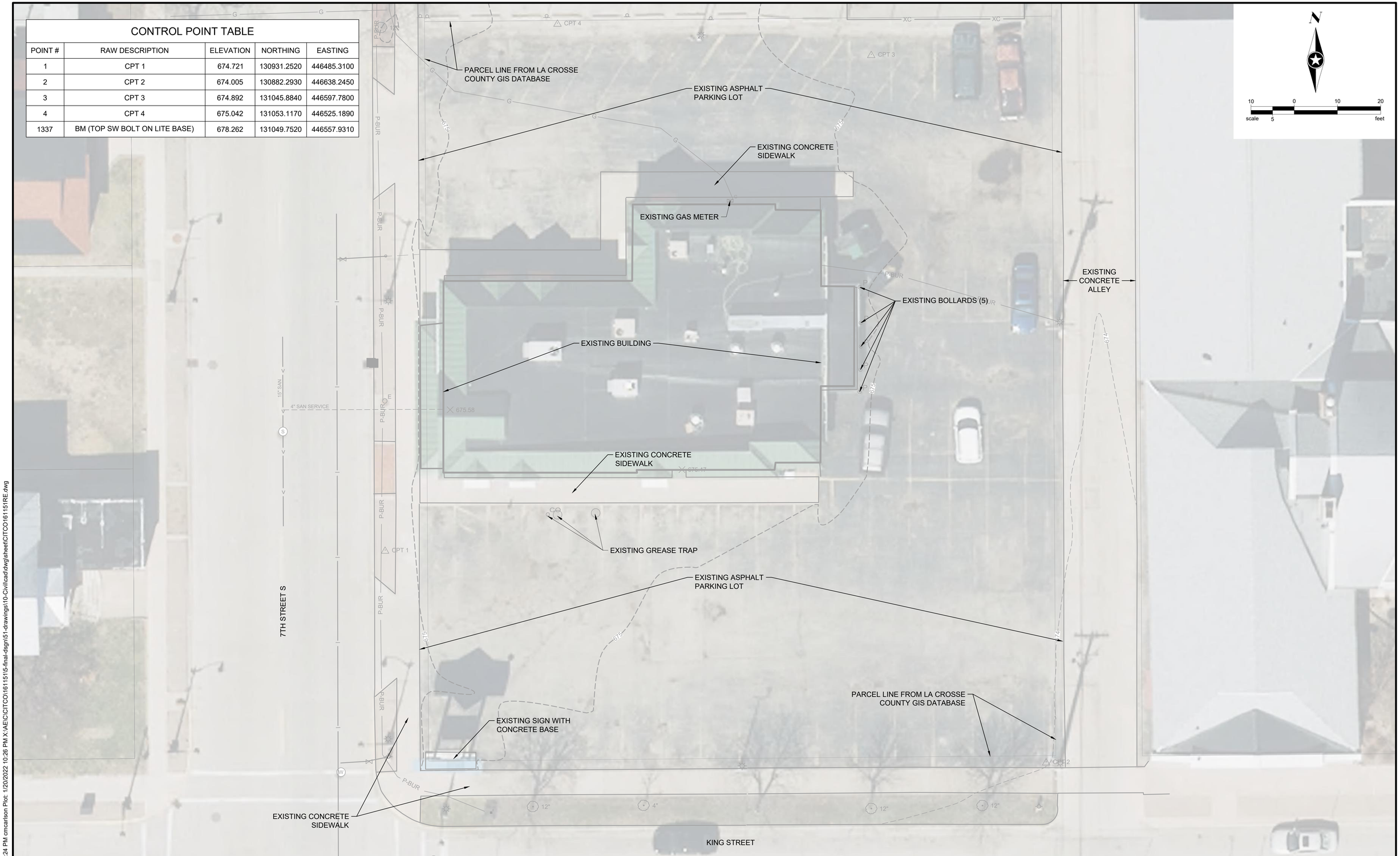
PLUMBING SCHEMATICS

P200

AdamF 12/23/2021 10:32 AM 21100 p200.dwg

CONTROL POINT TABLE

POINT #	RAW DESCRIPTION	ELEVATION	NORTHING	EASTING
1	CPT 1	674.721	130931.2520	446485.3100
2	CPT 2	674.005	130882.2930	446638.2450
3	CPT 3	674.892	131045.8840	446597.7800
4	CPT 4	675.042	131053.1170	446525.1890
1337	BM (TOP SW BOLT ON LITE BASE)	678.262	131049.7520	446557.9310



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SEH Project	CITCO161151	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date	SEH	LA CROSSE, WI	EXISTING SITE PLAN	----
Drawn By	CMC								LA CROSSE, WISCONSIN		of 123
Designed By	MM										
Checked By	MM										

LEGEND

- BITUMINOUS PAVEMENT REMOVAL
- CONCRETE REMOVAL
- PAVERS

NOTE: BASE COURSE TO REMAIN.

SAW CUT REQ'D

EXISTING GAS METER
TO BE RELOCATED

CONCRETE SIDEWALK TO BE REMOVED
AS NEEDED FOR ROOF DRAIN AND
WATER LATERAL INSTALLATION.

EXISTING BOLLARDS (5)
TO BE REMOVED

PAVERS TO BE SALVAGED AND
REINSTALLED AS NEEDED FOR
ROOF DRAIN INSTALLATION.

EXISTING BUILDING
SEE ARCHITECTURAL PLANS

EXISTING GREASE TRAP
TO BE REMOVED

EXISTING CONCRETE SIGN BASE
(TO REMAIN)

7TH STREET S

KING STREET

N

10 0 10 20
scale 5 feet

Save: 1/20/2022 10:24 PM cmcarlson Plot: 1/20/2022 10:26 PM X:\AE\C\CITCO\161151\5-final-dsgn\51-drawings\10-Civil\cad\dwg\sheet\CITCO161151RE.dwg

SEH Project	CITCO161151	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date	LA CROSSE, WI	----
Drawn By	CMC							LA CROSSE, WISCONSIN	DEMOLITION PLAN
Designed By	MM								of 123
Checked By	MM								

LEGEND

- NO PARKING PAINTED CROSS HATCHING
- LANDSCAPE AREA
- CONCRETE
- CONCRETE PAVERS

GROUND DISTURBANCE AREAS

CONCRETE APRON	372 SF
CONCRETE ISLAND	85 SF
CONCRETE 12" CURB	42 LF
CONCRETE 6" CURB	41 LF
CONCRETE 18" MOUNTABLE CURB	150 LF
CONCRETE STOOP (2)	65 SF
CONCRETE SIDEWALK*	822 SF
CONCRETE PADS	211 SF
LANDSCAPE AREA	2,413 SF
ASPHALT**	17,104 SF

* INCLUDES CONCRETE SIDEWALK PATCH.
**3.5" THICK
LOWER LAYER - 1.75 INCHES, 4 LT 58-28 S
UPPER LAYER - 1.75 INCHES, 4 LT 58-28 H
SEE GRADING PLAN FOR ASPHALT LIMITS.

NOTE: PARKING STALL PAVEMENT MARKINGS, WHITE PAINT, 4-INCH.

SEE ENLARGED PLAN

NO PARKING

PROPOSED 18-INCH MOUNTABLE CURB

PROPOSED LANDSCAPE GREEN AREA (TYP)

NEW 1" COPPER TYPE "K" WATER SERVICE LATERAL

EXISTING GAS METER TO BE RELOCATED

EXTEND BACK OF CURB TO BUILDING

BOLLARD

CONCRETE SIDEWALK (5-INCH) PATCH FOR WATER SERVICE AND ROOF DRAIN CONNECTIONS

PROPOSED 8-INCH CONCRETE CURB

PROPOSED CONCRETE PAD (4-INCH) FOR REFUSE BINS

4.0'

PROPOSED CONCRETE STOOP (5'x5') SEE STRUCTURAL PLANS

5.0'

PROPOSED CONCRETE SIDEWALK (4-INCH)

PROPOSED 9'X23' ANGLED PARKING STALLS (10)

60.0°

9.0' TYP

23.0' TYP

CONNECT ROOF DRAIN PIPE TO INLET. CORE INLET INSTALL RUBBER BOOT.

SALVAGE AND RE-INSTALL CONCRETE PAVERS AS NEEDED

F.F. ELEV. 675.58

PROPOSED 18-INCH MOUNTABLE CURB

PROPOSED BIKE PARKING (TWO RACKS) ON CONCRETE PAD (4-INCH)

16.1'

18.0'

20.0'

PROPOSED CONCRETE SIDEWALK (5-INCH)

PROPOSED CONCRETE STOOP (4'x10') SEE STRUCTURAL PLANS

8.0'

8.0'

3.0'

3.7'

5.4'

6.0'

9.0' TYP

8.0'

8.0'

8.0'

18.0' TYP

FLAG POLE

PROPOSED 8'X18' ADA PARKING STALLS (2) WITH 8' WIDE CROSS HATCH AREA (VAN ADA PARKING)

PROPOSED 9'X18' PARKING STALLS (30)

23.0'

PROPOSED 6" CONCRETE CURB

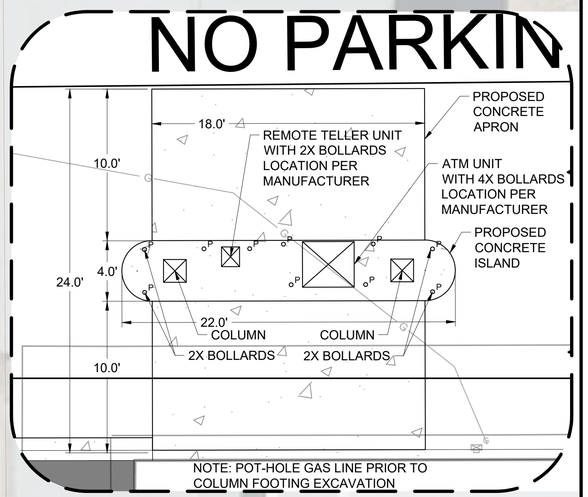
UPDATE SIGNAGE (BY OTHERS) CONCRETE BASE TO REMAIN

7TH STREET S

KING STREET

N

10 0 10 20
scale 5 feet



ENLARGED PLAN
SCALE: 1" = 5'

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SEH Project	CITCO161151	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date	LA CROSSE, WI	----
Drawn By	CMC							LA CROSSE, WISCONSIN	PROPOSED SITE PLAN
Designed By	MM								
Checked By	MM								of 123

LEGEND

- NO PARKING PAINTED CROSS HATCHING
- LANDSCAPE AREA
- CONCRETE

MATCH FINAL ASPHALT TO EXISTING ASPHALT

NO PARKING

ELEV. 675.40
ELEV. 675.30
ELEV. 674.30
ELEV. 675.20

ELEV. 675.40
ELEV. 675.30

TOC: ELEV. 675.0
FLG: ELEV. 674.67

REDUCE CURB HEAD
TOC: 675.0
FLG: 674.91

ELEV. 675.50

ELEV. 674.91

Y.G.: ELEV.675.2

MATCH FINAL ASPHALT TO EXISTING CONCRETE SIDEWALK

F.F. ELEV. 675.58

MATCH ASPHALT FLUSH TO CONCRETE SIDEWALK

TOC: ELEV. 675.0
FLG: ELEV. 674.67

MATCH FINAL ASPHALT TO EXISTING CONCRETE

MATCH FINAL ASPHALT TO EXISTING CONCRETE SIDEWALK

7TH STREET S

KING STREET

N

10 0 10 20
scale 5 feet

Save: 1/17/2022 8:59 AM cmcarlson Plot: 1/20/2022 10:28 PM X:\AE\C\CITCO\161151\5-final-dsgn\51-drawings\10-Civil\cad\dwg\sheet\CITCO161151GP.dwg

SEH Project	CITCO161151	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date	LA CROSSE, WI	----
Drawn By	CMC							LA CROSSE, WISCONSIN	GRADING PLAN
Designed By	MM								of 123
Checked By	MM								