WAUKESHA IRON & METAL

FINES BUILDING

1523 ARCADIAN AVENUE

WAUKESHA, WISCONSIN 53186

BUILDING:

OBJECT TYPE:
Building ICC
TRANSACTION ID:
TBD - Per City of Waukesha
SITE ID:
TBD - Per City of Waukesha
MAJOR OCCUPANCY:
Storage
TYPE:
IIB - Non-Combustible
TOTAL PROJECT SQ.FT:
3,200 sf
SPRINKLERED:
None
OCCUPANCY:
Storage 2B - Low Hazard
SEISMIC DESIGN CATEGORY:
B

PROJECT INFORMATION (1)

APPLICABLE CODES :

BUILDING:
International Building Code 2015 Edition
SPS 361-366 and Appendix A & B Latest Edition
ACCESSIBILITY:
ANSI 117.1 2009
HVAC:
International Mechanical Code 20115 Edition
ENERGY:
Internatioinal Energy Conservation Code 2015 Edition & ASHRAE 90.1-2015
ELECTRICAL:
International Electrical Code 2015 Edition
PLUMBING:
International Plumbing Ccode 2015 Edition
FIRE:
International Fire Code 2015 Edition

BUILDING INFORMATION:

CONSTRUCTION TYPE: IIB (Non-Combustible - Unprotected)
HEIGHT AND AREA: ONE STORY
OCCUPANCY TYPE: Storage

BUILDING TYPE (Chapter 6): IIB Non-Sprinklered
SECTION 602.2

OCCUPANT LOAD: (IBC CHAPTER 10)

SPACE NAME	OCCUPANCY	SQUARE FEET	DENSITY	TOTAL
STORAGE	STORAGE	3,200	200 Gross	16
TOTAL OCCUPANT LOAD				16

EGRESS WIDTH: (IBC 1005.1)

SPACE NAME	OCCUP. LOAD	STAIR FACTOR	STAIR WIDTH	STAIR PROV.	EGRESS FACTOR	EGRESS WIDTH	WIDTH PROV.
ENTIRE SPACE	16	N/A	N/A	N/A	.2	3.2"	72"

EXIT DISTANCE:
80'

PROJECT IMAGE (3)

GENERAL PROJECT NOTES

1. ALTHOUGH EVERY EFFORT HAS BEEN MADE IN THE PREPARATION AND CHECKING OF THESE PLANS FOR ACCURACY, ALL CONTRACTORS SHALL CHECK, VERIFY AND BE RESPONSIBLE FOR ALL DETAILS AND DIMENSIONS ON NEW OR EXISTING STRUCTURE.
2. ALL WORK ON THIS PROJECT IS TO BE GOVERNED BY THE LATEST EDITION OF THE CODES APPLICABLE TO THE LOCAL ORDINANCES.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTED BUILDING PRACTICES AND INDUSTRY STANDARDS.
4. VERIFY AND USE ONLY WRITTEN DIMENSIONS. DO NOT SCALE OR MEASURE DIMENSIONS DIRECTLY FROM PRINT.
5. ALL CONTRACTORS MUST BE RESPONSIBLE FOR ALL AND ANY DAMAGE TO "EXISTING" STRUCTURE CAUSED EITHER DIRECTLY OR INDIRECTLY BY THEIR TRADES.
6. VERIFY ANY UNCERTAIN ITEMS WITH OWNER, BUILDER, AND/OR ARCHITECT.
7. ARCHITECT WILL NOT BE RESPONSIBLE FOR EXISTING OR PRE-EXISTING SOIL OR STRUCTURAL CONDITIONS.
8. THE ARCHITECT WILL NOT BE REQUIRED TO MAKE EXHAUSTIVE OR CONTINUOUS ON SITE INSPECTIONS TO CHECK THE QUALITY OR QUANTITY OF WORK PERFORMED.
9. THE ARCHITECT WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK AND HE SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
10. LIMITATION OF WARRANTY OF ARCHITECT'S WORK PRODUCT : THE ARCHITECT AND HIS CONSULTANTS DO NOT WARRANT OR GUARANTEE THE ACCURACY AND THE COMPLETENESS OF THE WORK PRODUCT THEREIN BEYOND A REASONABLE DILIGENCE. IF ANY MISTAKES, OMMISIONS OR DISCREPANCIES ARE FOUND TO EXIST WITHIN THE WORK PRODUCT, THE ARCHITECT SHALL BE PROMTLY NOTIFIED SO THAT HE MAY HAVE THE OPPORTUNITY TO TAKE WHATEVER STEPS NECESSARY TO RESOLVE THEM. FAILURE TO PROMTLY NOTIFY THE ARCHITECT OF SUCH CONDITIONS SHALL ABSOLVE THE ARCHITECT FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES OF SUCH FAILURE. ACTION TAKEN WITHOUT THE KNOWLEDGE AND CONSENT OF THE ARCHITECT, OR IN THE CONTRADICTION TO THE ARCHITECT'S WORK PRODUCT OR RECOMMENDATIONS SHALL BECOME THE RESPONSIBILITY NOT OF THE ARCHITECT, BUT OF THE PARTIES RESPONSIBLE FOR TAKING SUCH ACTION.
11. THESE PLANS DO NOT INCLUDE THE FOLLOWING :
    - 11.1. HVAC DESIGN
    - 11.2. PLUMBING DESIGN
    - 11.3. ELECTRICAL DESIGN
    - 11.4. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN THESE DESIGNS AND TO COORDINATE ALL WORK FOR ALL TRADES INVOLVED.

SHEET INDEX		LATEST REV NUM	LATEST REV DATE
G-001	TITLE SHEET	*	*
C-100	SITE PLAN		
A-101	FIRST FLOOR PLAN & ROOF PLAN		
A-102	SCHEDULES / WALL & DOOR TYPES		
A-301	EXTERIOR ELEVATIONS		
S-101	FOUNDATION PLAN		
S-102	SECTION		
S-103	FOUNDATION DETAILS		

HVAC

Design Build - By Others

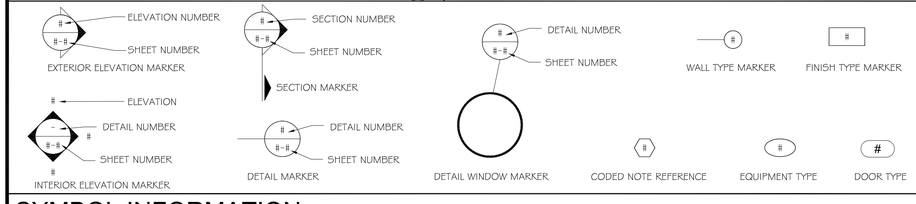
ELECTRICAL

Design Build - By Others

PLUMBING

Design Build - By Others

BUILDING CODE SUMMARY (2)



VICINITY MAP (4)

N.T.S.

SHEET INDEX (4)

OWNER

COMPANY NAME	ELDER'S SERVICE & TOWING
CONTACT NAME	*
CONTACT INFORMATION	*

GENERAL CONTRACTOR

COMPANY NAME	FORD CONSTRUCTION CO., INC.
CONTACT NAME	BOB FORD
CONTACT INFORMATION	1419 POPLAR DRIVE WAUKESHA, WI 53188 OFFICE: 262-896-9370

ARCHITECT

COMPANY NAME	TIMOTHY SEIDEL ARCHITECT LLC
CONTACT NAME	TIM SEIDEL
CONTACT INFORMATION	530 CYMRIC CT. WALES, WI 53183-9423 OFFICE: 262-968-5580 MOBIL: 262-424-5797

SYMBOL INFORMATION (5)

DETAIL MARKER

Ø	DIAMETER	CLR.	CLEAR	EL.	ELEVATION	GA.	GAUGE	LAM.	LAMINATED	O/C	ON CENTER	RM.	ROOM	T.B.	TOP OF BEAM	W/O.	WITHOUT
@	SQUARE FOOT/FEET	C.M.	CONSTRUCTION MANAGER	E.P.	ELECTRICAL PANEL	GALV.	GALVANIZED	LAV.	LAVATORY	O.D.	OUTSIDE DIAMETER	R.O.	ROUGH OPENING	TEL.	TELEPHONE	W.R.	WATER RESISTANT
℄	AT	C.M.U.	CONCRETE MASONRY UNIT	EQ.	EQUAL	G.C.	GENERAL CONTRACTOR	LT.	LIGHT	O.F.D.	OVERFLOW DRAIN	R.O.W.	RIGHT OF WAY	T&G.	TONGUE AND GROOVE		
℄	CENTERLINE	C/O	CLEANOUT	EQUIP.	EQUIPMENT	G.I.	GALVANIZED IRON			O.P.G.	OPENING	S.	SOUTH	THK.	THICK		
#	POUND OR NUMBER	CONC.	CONCRETE	E.W.	EACH WAY	GL.	GLASS	MAX.	MAXIMUM	OPP.	OPPOSITE	S.A.N.	SCALE AS NOTED	T.O.C.	TOP OF CURB		
(E)	EXISTING	CONN.	CONNECTION	EXIS.	EXISTING	GND.	GROUND	M.B.	MACHINE BOLT			S.A.T.	SUSPENDED ACOUSTICAL TILE	T.O.P.	TOP OF PARAPET		
(N)	NEW	CONSTR.	CONSTRUCTION	EXT.	EXTERIOR	GR.	GRADE	MECH.	MECHANICAL	PARTN.	PARTITION	S.C.	SOLID CORE	T.O.S.	TOP OF SHEATHING		
		CONT.	CONTINUOUS			GYP.	GYPSUM	MET.	METAL	P.L.	PROPERTY LINE	SCHED.	SCHEDULE	T.O.W.	TOP OF WALL		
A.B.	ANCHOR BOLT	CONTR.	CONTRACTOR	F.F.	FINISH FLOOR			MFR.	MANUFACTURER	PLAS.	PLASTER	SECT.	SECTION	TYP.	TYPICAL		
A/C.	AIR CONDITIONING	CONTR.	CONTRACTOR	FIN.	FINISH	HDR.	HEADER	M.H.	MANHOLE	PLBG.	PLUMBING	SHT.	SHEET				
ACOUS.	ACOUSTICAL			FIXT.	FIXTURE	HDW.	HARDWARE	MIN.	MINIMUM	PLYWD.	PLYWOOD	SHTG.	SHEATHING	U.B.C.	UNIFORM BUILDING CODE		
AFF.	ABOVE FINISH FLOOR	DBL.	DOUBLE	FLR.	FLOOR	HT.	HEIGHT	MISC.	MISCELLANEOUS	P.T.	PRESSURE TREATED	SIM.	SIMILAR	U.O.N.	UNLESS OTHERWISE NOTED		
ALUM.	ALUMINUM	DEPT.	DEPARTMENT	F.L.	FLOW LINE	H.M.	HOLLOW METAL	M.O.	MASONRY OPENING			SPEC.	SPECIFICATION				
APPROX.	APPROXIMATE	DET.	DETAIL	FLUOR.	FLUORESCENT	HOR.	HORIZONTAL	MTD.	MOUNTED	Q.T.	QUARRY TILE	SQ.	SQUARE	V.B.	VINYL BASE		
ARCH.	ARCHITECTURAL	D.F.	DRINKING FOUNTAIN	F.H.	FIRE HYDRANT	HDWD.	HARDWOOD	MUL.	MULLION			SSK.	SERVICE SINK	VERT.	VERTICAL		
A.S.R.	AUTOMATIC SPRINKLER SYSTEM	DIA.	DIAMETER	F.O.F.	FACE OF FINISH	HVAC.	HEATING, VENTILATION AND AIR CONDITIONING			R.	RISER	SS.	STAINLESS STEEL	V.C.T.	VINYL COMPOSITION TILE		
BD.	BOARD	DIM.	DIMENSION	F.O.M.	FACE OF MASONRY			N.	NORTH	RAD.	RADIUS	STD.	STANDARD	V.T.R.	VENT THROUGH ROOF		
BLDG.	BUILDING	DS.	DOWN SPOUT	F.O.S.	FACE OF STUD			N.I.C.	NOT IN CONTRACT	R.D.	ROOF DRAIN	STL.	STEEL				
BLK.	BLOCK	DWG.	DRAWING	F/S.	FLOOR SINK	I.D.	INSIDE DIAMETER	NO.	NUMBER	REF.	REFERENCE	STOR.	STORAGE	W.	WEST		
BLKG.	BLOCKING			F.S.R.	FIRE SPRINKLER RISER	IN.	INCH	NOM.	NOMINAL	REFR.	REFRIGERATOR	STRUCT.	STRUCTURAL	W/	WITH		
		E.	EAST	FT.	FOOT/FEET	INSUL.	INSULATION	N.T.S.	NOT TO SCALE	REINF.	REINFORCED	SYM.	SYMMETRICAL	W.C.	WATER CLOSET		
C.J.	CEILING JOIST	EA.	EACH	FTG.	FOOTING	INT.	INTERIOR			REQD.	REQUIRED			WD.	WOOD		
C.LG.	CEILING	ELEC.	ELECTRICAL	FUT.	FUTURE	JT.	JOINT	O.A.	OVERALL	RESIL.	RESILIENT	T.	TREAD	W.H.	WATER HEATER		

ABBREVIATIONS (7)

SPECIAL CONSIDERATIONS: (6)

PROJECT TEAM DIRECTORY (8)

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WAUKESHA IRON & METAL
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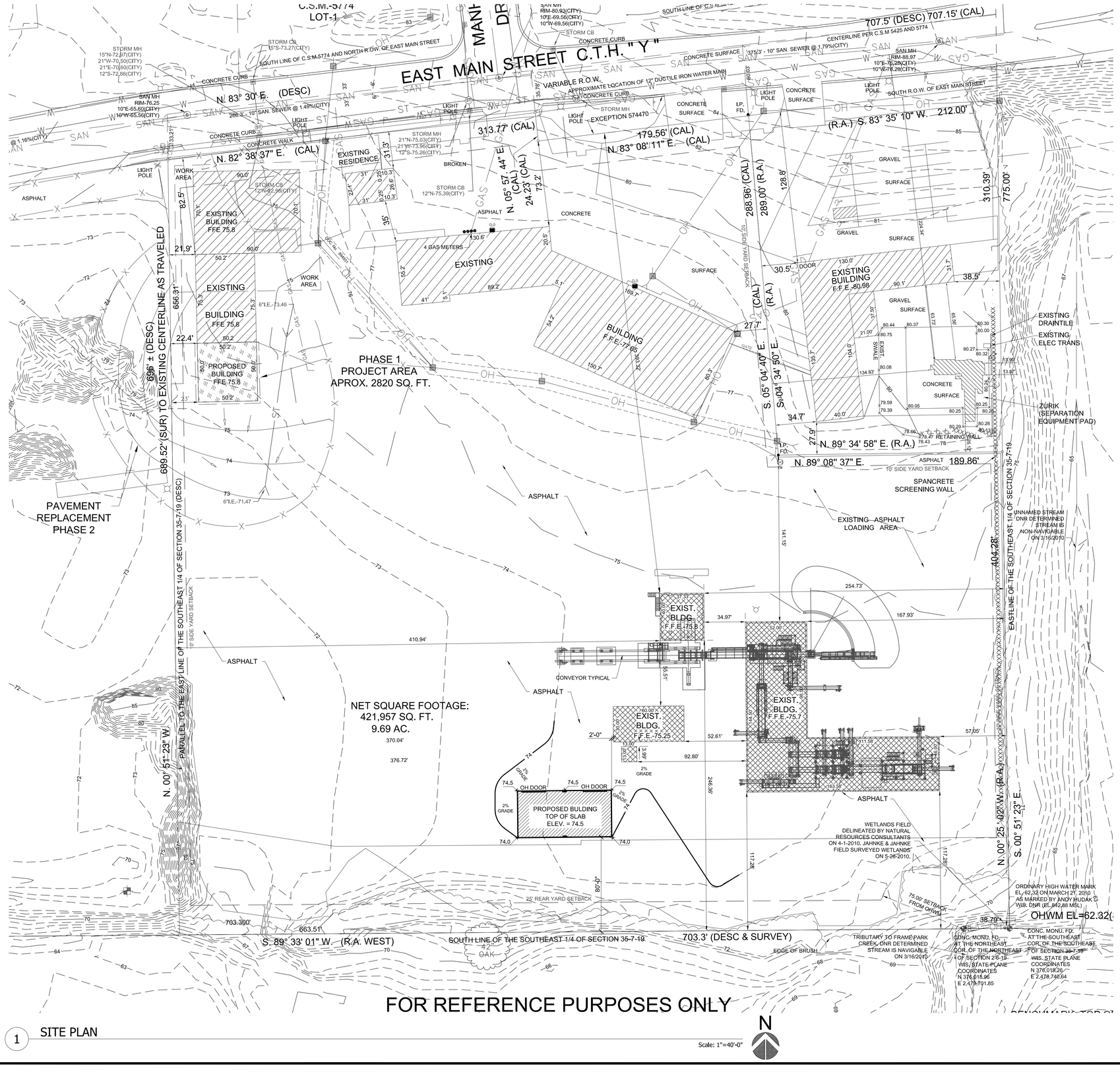
REVISIONS :

No.	Description	Date

Date :	May 15, 2023
Scale :	As Noted
File Number :	G-101.dwg
Drawn :	TES
Project :	202006
Sheet Number :	G-101
Title Sheet	



1 SITE PLAN

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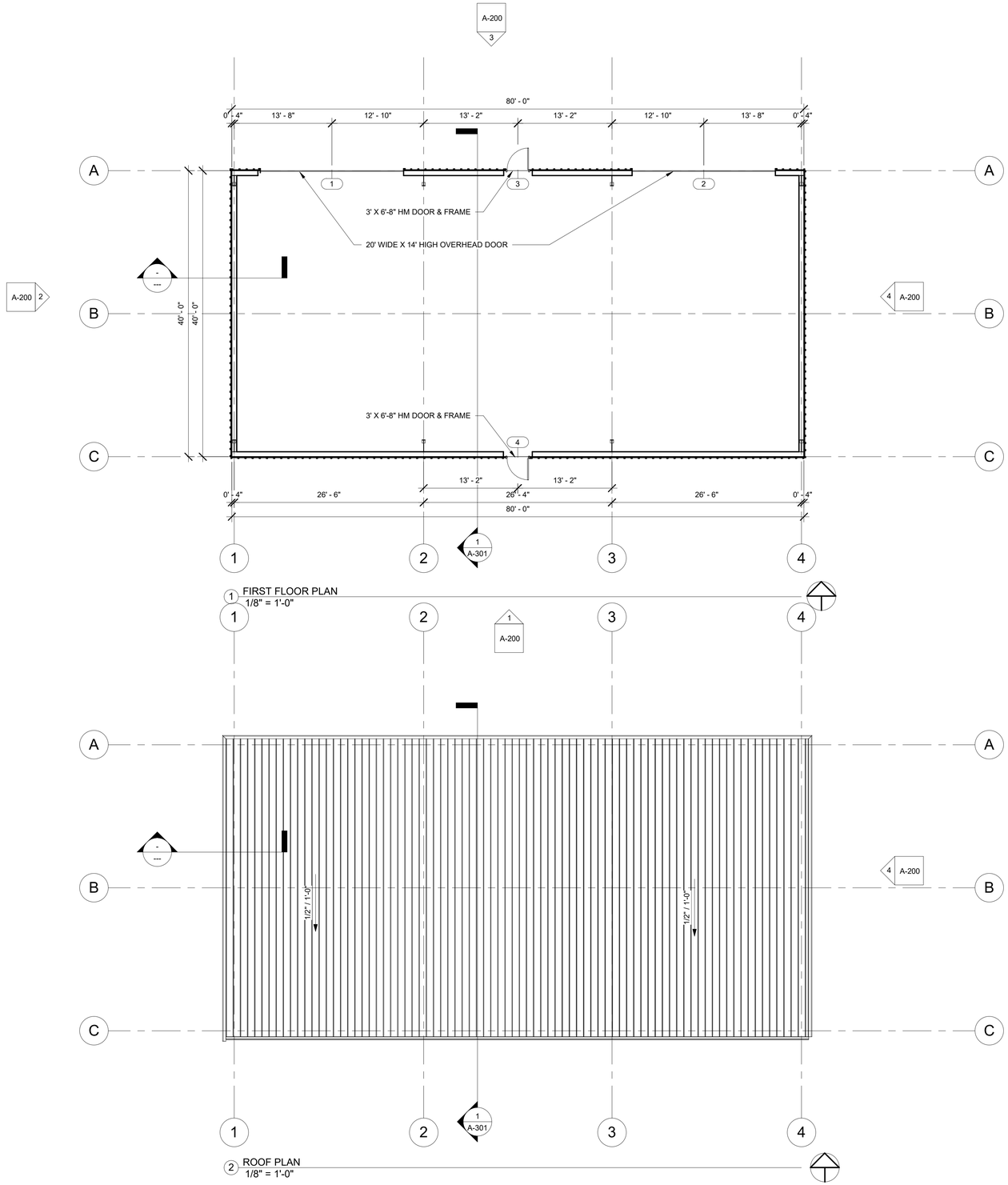
Project :	202006

Sheet Number :

C-101

SITE PLAN



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WAUKESHA IRON & METAL FINE BUILDING

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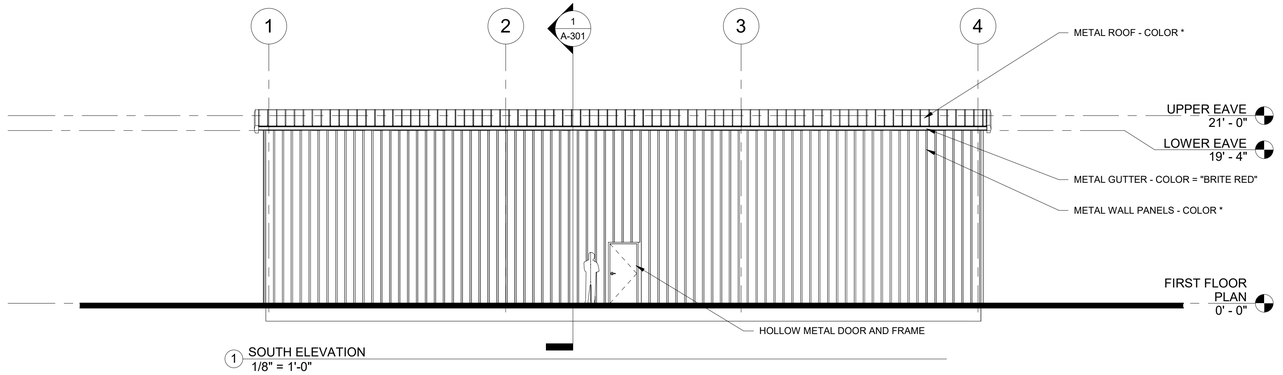
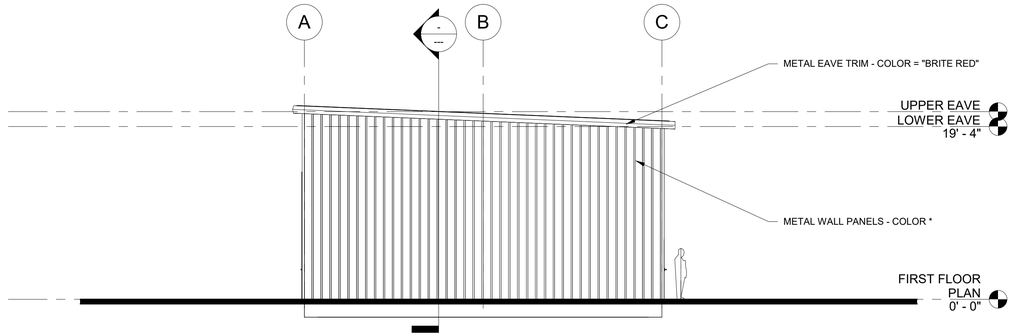
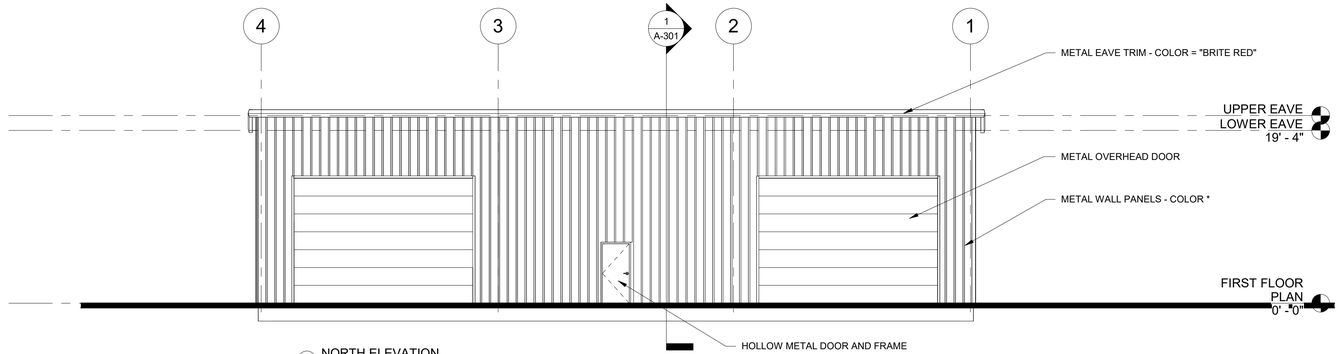
Project :	202310
Sheet Number :	A-101



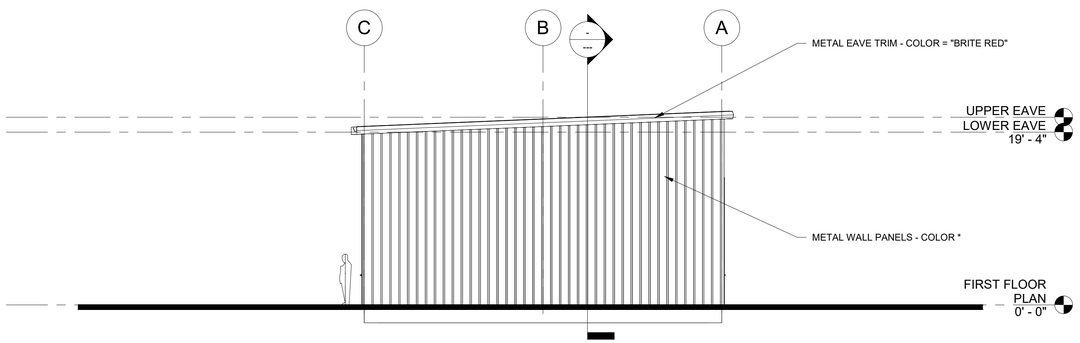
1 SOUTH ELEVATION
1/8" = 1'-0"



2 WEST ELEVATION
1/8" = 1'-0"



3 NORTH ELEVATION
1/8" = 1'-0"



4 EAST ELEVATION
1/8" = 1'-0"

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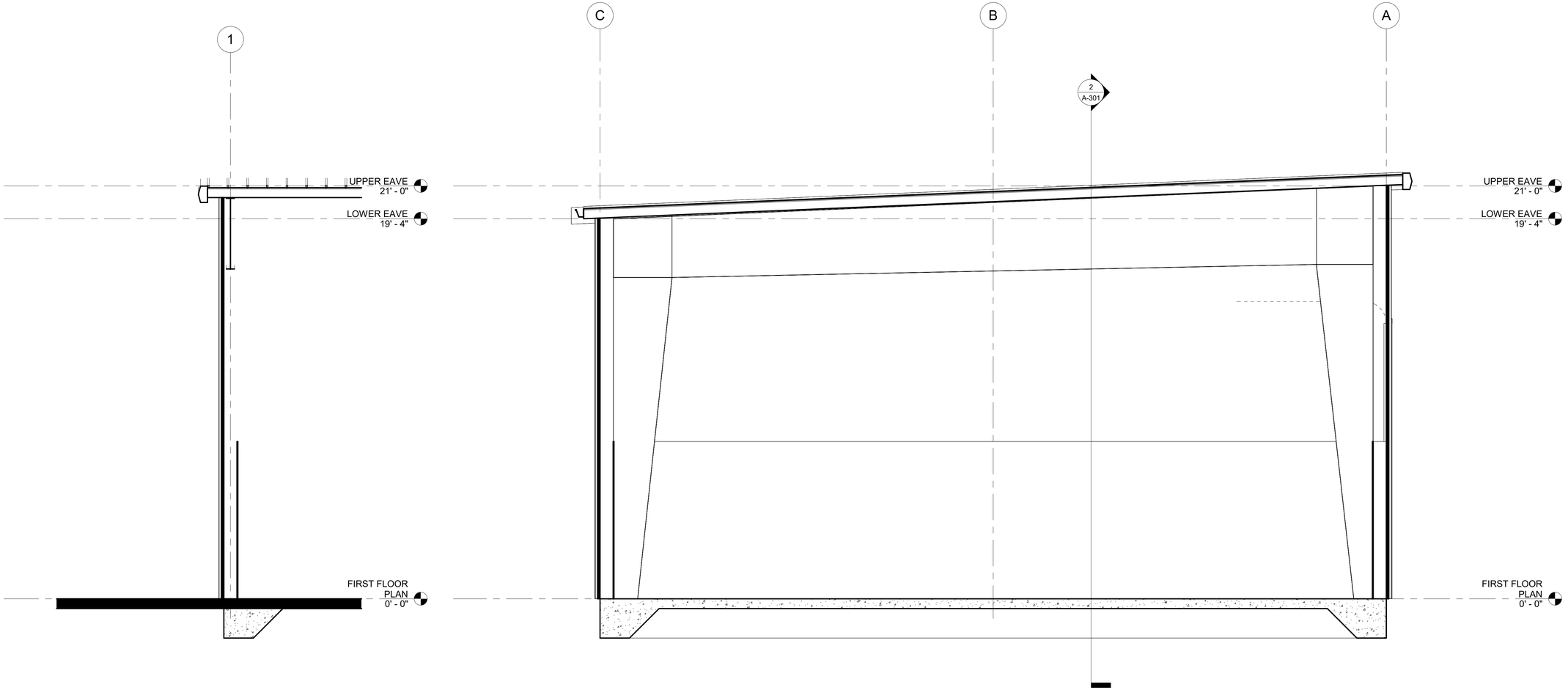
Project :	202310

Sheet Number :

A-201



2 Section 2
3/8" = 1'-0"

1 Section 1
3/8" = 1'-0"

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Project :	202310

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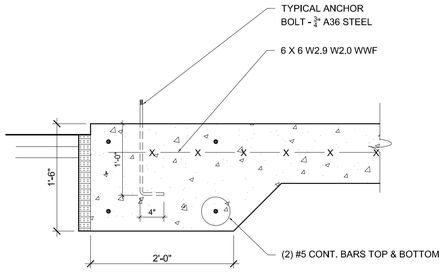
A-301



2 ANCHOR BOLT DETAIL

Scale: 1" = 1'-0"

GENERAL NOTES

1. COMPLY WITH THE *IBC 2009 & MODIFICATIONS SPECIFIED IN THE WISCONSIN COMMERCIAL BUILDING CODE CHAPTERS COMM. 61 & COMM. 62* AND ALL OTHER GOVERNING CODES.
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND SUBMIT TO THE ENGINEER FOR REVIEW A WRITTEN REPORT INDICATING ACTUAL FIELD CONDITIONS WHICH MAY VARY FROM INFORMATION INDICATED ON DRAWINGS.
3. SUBMIT ERECTION AND DETAIL DRAWINGS OF ALL STRUCTURAL MATERIALS AND CONNECTIONS FOR REVIEW.
4. THE FOLLOWING MATERIAL & METHODS OF CONSTRUCTION SHALL BE SUBJECT TO INSPECTION IN ACCORDANCE WITH IBC 2009:
   1. WELDING
   2. HIGH STRENGTH BOLTING
   3. STEEL FRAME JOINT DETAILS
   4. CONCRETE
   5. REINFORCEMENT
   6. PRE-FABRICATED WOOD STRUCTURAL ELEMENTS
   7. MASONRY

GENERAL FOUNDATION NOTES

1. ALL FOUNDATION FOOTINGS SHALL BE PLACED ON SOIL WITH A MINIMUM BEARING CAPACITY OF 3000 PSF AS VERIFIED AND ACCEPTED BY THE OWNER'S GEOTECHNICAL CONSULTANT.
2. ALL FOOTINGS TO BE PLACED 4'-0" MIN. BELOW ADJACENT EXTERIOR GRADE.
3. THE SUBGRADE FOR ALL FOOTINGS, WALLS AND SLABS SHALL BE INSPECTED AND ACCEPTED BY THE OWNER'S TESTING AGENCY IMMEDIATELY PRIOR TO PLACING FOUNDATION CONCRETE.
4. ALL UNSUITABLE MATERIALS SHALL BE REMOVED FROM SUBGRADE AND BACKFILL AREAS AND BACKFILLED WITH ACCEPTABLE FILL ACCORDING TO THE SPECIFICATION.
5. BACKFILL AGAINST WALLS EVENLY. ALL SUPPORTING SLABS SHOULD BE IN PLACE AND THE CONCRETE SHOULD HAVE THE 28 DAY DESIGN STRENGTH.
6. NO FOOTINGS, SLABS, OR MUD SLABS SHALL BE PLACED INTO OR AGAINST SUBGRADE CONTAINING FREE WATER, FROST OR ICE. SHOULD WATER OR FROST ENTER A FOOTING EXCAVATION AFTER SUBGRADE APPROVAL, THE SUBGRADE SHALL BE RE-INSPECTED BY THE OWNER'S TESTING AGENCY AFTER REMOVAL OF WATER OR FROST.
7. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY FROST OR ICE FROM PENETRATING ANY FOOTING, OR SLAB SUBGRADE BEFORE AND AFTER PLACING CONCRETE AND UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT BUILDING ENCLOSURE.
8. THE SLABS SHALL BE PLACE OVER A 6 MIL VAPOR BARRIER, LAPPED 12 INCHES AT SEAMS AND TAPED OVER 6 INCHES MINIMUM OF COMPACTED COARSE DRAINAGE MATERIAL. STONE SHALL COMPLY WITH THE RECOMMENDATIONS GIVEN IN THE GEOTECHNICAL REPORT PREPARED BY THE OWNER'S GEOTECHNICAL CONSULTANT.

EXCAVATION AND UNDERPINNING NOTES

1. ALL EXCAVATION SHALL COMPLY WITH OSHA REQUIREMENTS
2. GROUND WATER MAY BE ENCOUNTERED. PROVIDE DEWATERING AS NECESSARY.
3. THE PERIMETER OF THE GENERAL EXCAVATION SHALL BE RETAINED BY A TEMPORARY SOIL/ROCK RETENTION SYSTEM AS REQUIRED. THE DESIGN, INSTALLATION, MAINTENANCE AND REMOVAL (WHERE REQUIRED) SHALL BE THE COMPLETE AND SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE ALL MEASURES AND PRECAUTIONS NECESSARY TO PREVENT DAMAGE AND SETTLEMENT OF EXISTING OR NEW CONSTRUCTION INSIDE OR OUTSIDE OF THE PROJECT LIMITS. ANY DAMAGE TO NEW OR EXISTING CONSTRUCTION INSIDE OR OUTSIDE OF THE PROJECT LIMITS.CAUSED BY CONSTRUCTION TECHNIQUES OR MOVEMENTS OF THE SOIL RETENTION SYSTEM, IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR SHALL COORDINATE ALL ELEMENTS OF THE SOIL RETENTION SYSTEM WITH ALL ELEMENTS OF THE PERMANENT BUILDING.
5. ALL EXCAVATION SHALL BE BASED ON ENGINEERED DRAWINGS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF WISCONSIN AND RETAINED BY THE CONTRACTOR. THE DRAWINGS SHALL INCLUDE PLANS AND SECTIONS OF EXCAVATION SEQUENCES. THE EXCAVATION SEQUENCES SHALL BE CONTROLLED TO MATCH THE REQUIREMENTS OF THE DESIGN OF THE SOIL RETENTION SYSTEM. THE DESIGN EARTH AND HYDRAULIC PRESSURES WILL BE REVIEWED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE.
6. THE EXCAVATIONS FOR SPREAD FOOTINGS, GRADE BEAMS, PITS, ETC., SHALL BE EXCAVATED ON AN INDIVIDUAL, LOCALIZED BASIS DOWN FROM THE SUBGRADE LEVEL. EACH EXCAVATION SHALL BE A TRIM, LEVEL SURFACE.
7. THE CONTRACTOR SHALL PROVIDE POSITIVE PROTECTION (MAT/SHEET COVERINGS) FOR ALL EXCAVATION SLOPES TO PROTECT SLOPES FROM INSTABILITY AND DETERIORATION DUE TO RAIN, WIND OR SNOW.
8. THE CONTRACTOR SHALL PROVIDE SURFACE DRAINAGE CHANNELS, SUMPS AND SUMP PUMPS TO PROTECT ALL EXCAVATIONS FROM FLOODING. FLOODING OF ANY EXCAVATION AFTER APPROVAL OF THE SUBGRADE WILL BE CAUSE FOR COMPLETE REDOING OF THE SUBGRADE AND WILL REQUIRE APPROVAL OF THE SUBGRADE.
9. THE CONTRACTOR SHALL SUBMIT THE RETENTION SYSTEM DESIGN, EXCAVATION SEQUENCES AND TECHNIQUES AND DEWATERING SYSTEM FOR REVIEW BY THE OWNER'S GEOTECHNICAL ENGINEER.

STRUCTURAL CONCRETE NOTES

1. PROVIDE CAST-IN-PLACE CONCRETE OF THE TYPES AND MINIMUM 28-DAY COMPRESSIVE STRENGTHS AS SHOWN ON THE CONCRETE MATERIALS SCHEDULE, THIS SHEET.
2. STRUCTURAL CONCRETE SHALL CONTAIN A WATER REDUCING, PLASTICIZING ADMIXTURE. APPROVED, HIGH-RANGE WATER REDUCING ADMIXTURES MAYBE UTILIZED. ALL CONCRETE PERMANENTLY EXPOSED TO THE WEATHER (AND WITHIN 4 FEET OF FINISHED GRADE) SHALL CONTAIN AND AIR-ENTRAINING ADMIXTURE. THE MAXIMUM WATER ALL CONCRETE SHALL BE 0.5. CONTRACTOR TO SUBMIT A DESIGN MIX FOR EACH TYPE AND STRENGTH OF CONCRETE IN ACCORDANCE WITH ACI 318 FOR REVIEW AND APPROVAL OF THE ENGINEER.
3. ALL REINFORCING BARS SHALL BE NEW BILLET STEEL CONFORMING TO THE STANDARDS OF ASTM A615, GRADE 60.
4. ALL CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI 318 AND THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315.
5. CHECKED SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING STEEL SIZES, AND PLACEMENT, SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
6. THE CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS SHOWING THE LOCATIONS OF ALL CONSTRUCTION JOINTS, CURBS, SLAB DEPRESSIONS, SLEEVES, OPENINGS, ETC.
7. REINFORCING SPLICES AND DEVELOPMENT LENGTHS SHALL CORRESPOND TO ACI 318, AS NOTED IN THE DRAWINGS AND AS LISTED AS A MINIMUM IN THE FOLLOWING TABLE:

BAR SIZE	LAP SPLICE (IN) (MIN.)	BAR SIZE	LAP SPLICE (IN) (MIN.)
3	18	7	42
4	24	8	51
5	30	9	64
6	36	10	82
		11	100

8. WHERE REQUIRED, DOWELS SHALL MATCH SIZE AND NUMBER OF MAIN REINFORCING.
9. PROVIDE ADDITIONAL BARS AROUND ALL FLOOR AND WALL OPENINGS. ALL WELDED WIRE FABRIC SHALL BE LAPPED TWO (2) FULL MESH PANELS AND TIED
10. ALL BAR SUPPORTS SHALL BE GALVANIZED. BAR SUPPORTS IN CONTACT WITH EXPOSED SURFACES SHALL BE PLASTIC TIPPED.
11. BEAM AND SLABS SHALL NOT BE BOXED OUT OR SLEEVED OR HAVE THE REINFORCING INTERRUPTED EXCEPT AS SHOWN ON THE STRUCTURAL DRAWINGS.
12. ALL WELDED WIRE FABRIC SHALL CONFORM TO THE STANDARDS OF ASTM A185.
13. SECURELY.
14. ALL CONSTRUCTION JOINTS SHALL BE CLEANED AND MOISTENED IMMEDIATELY PRIOR TO PLACING NEW CONCRETE. REFER TO ARCHITECTURAL DRAWINGS FOR WATER STOP AND WATERPROOFING DETAILS.
15. SEE ARCHITECTURAL DRAWINGS FOR TYPE AND LOCATION OF ALL FLOOR FILL FINISHES, FLOOR DEPRESSIONS AND CURBS.
16. PLACE SLABS-ON-GRADE IN ACCORDANCE WITH ACI 302 "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION.
17. SEE ARCHITECTURAL, HVAC, ELECTRICAL AND PLUMBING DRAWINGS FOR SLAB OPENINGS.
18. SEE ARCHITECTURAL DRAWINGS FOR ALL WATERPROOFING/DAMPROOFING DETAILS.
19. THE CONTRACTOR SHALL INSTRUMENT CHECK ALL FORMWORK FOR COMPLIANCE WITH ACI SPECIFIED TOLERANCES PRIOR TO PLACEMENT OF THE CONCRETE THEREON.
20. GROUT SHALL BE NON-SHRINK, NON-METALLIC, "FIVE STAR GROUT" BY U.S. GROUT, OR EQUAL.
21. "CAST-IN-PLACE CONCRETE" TO BE:

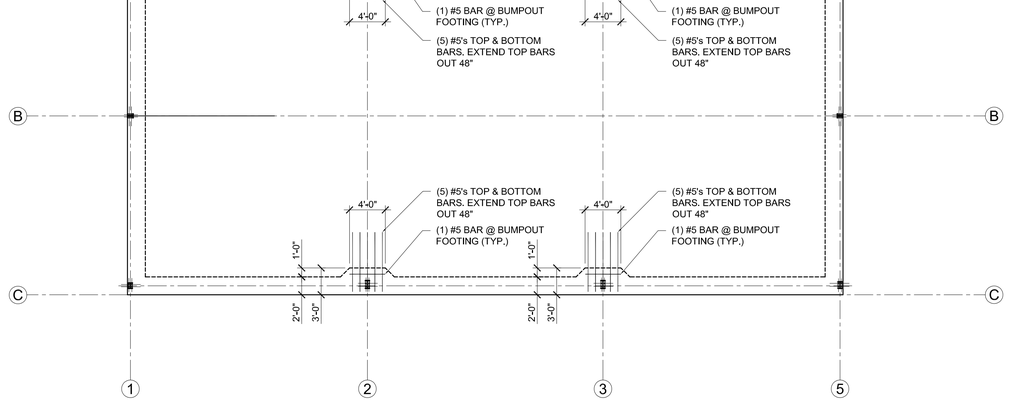
SLAB ON GRADE	4000 PSI	145 PCF	FIBERGLASS
FOOTINGS	3000 PSI	145 PCF	
INTERIOR CONCRETE FILL AND MISCELLANEOUS CONCRETE	3000 PSI	115 PCF	

22. MECHANICAL BAR SPLICERS, COUPLING AND HALF COUPLING SHALL DEVELOP 125% Fy TIMES THE AREA OF THE ATTACHED BAR.
23. BEAMS ARE EQUALLY SPACED BETWEEN COLUMN LINES, UNLESS OTHERWISE NOTED.
24. SEE SPECIFICATION SECTION "CAST-IN-PLACE CONCRETE FOR ADDITIONAL REQUIREMENTS.
25. NO CALCIUM CHLORIDE SHALL BE USED IN ANY CONCRETE.
26. CONCRETE SEALER SHALL BE COMPATIBLE W/ APPROVED FLOOR FINISHES.

FOOTING SCHEDULE

MARK	SIZE	REINFORCEMENT
F-1	TYPICAL GRADE BEAM - 18" HIGH X 2'-0" WIDE (@ BOTTOM)	(2) #5's CONT. REINF. BARS TOP & BOTTOM
F-2		
F-3		

* NOTATION REFVERENCES COLUMN DETAILS - SEE S-102 FOR ANCHOR BOLT & COLUMN DETAILS



1 FOUNDATION PLAN

Scale: 1/8"=1'-0"

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REVISIONS :

No.	Description	Date

Date :	May 15, 2023
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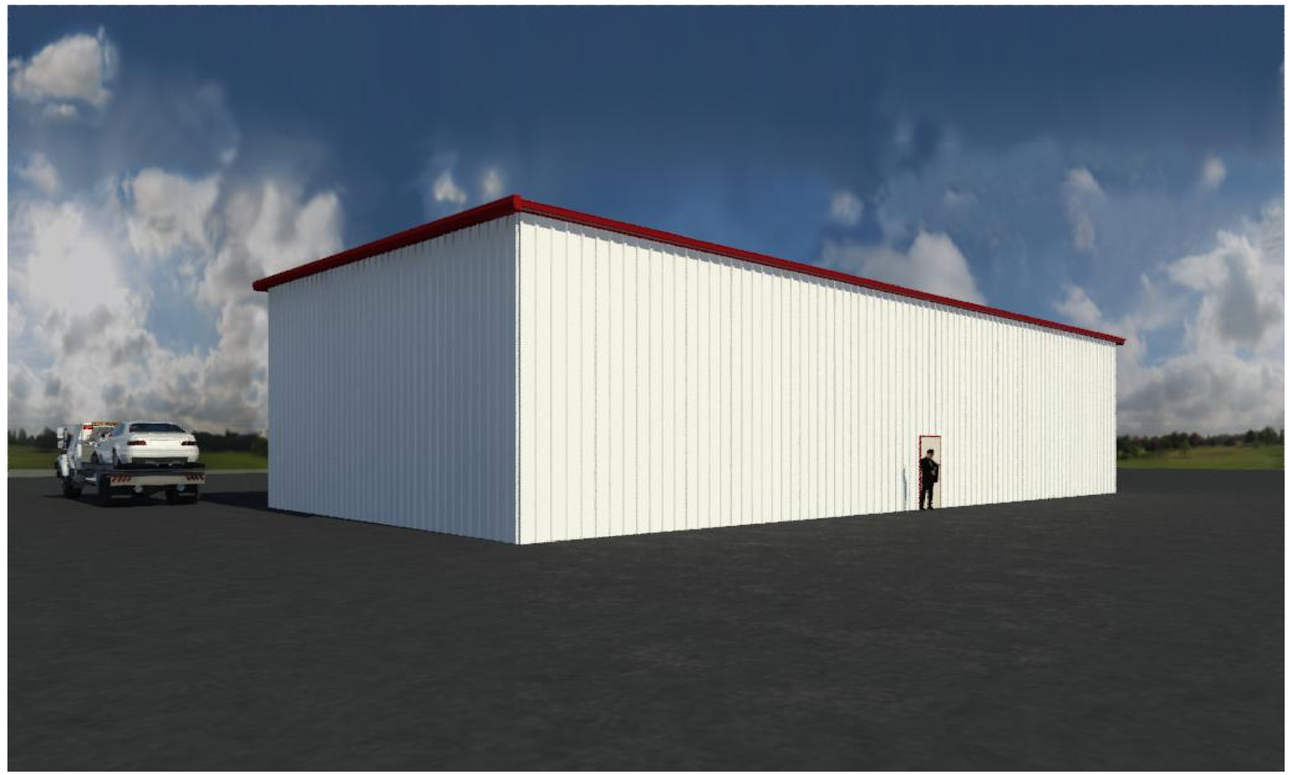
FRONT ELEVATION

REAR ELEVATION



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