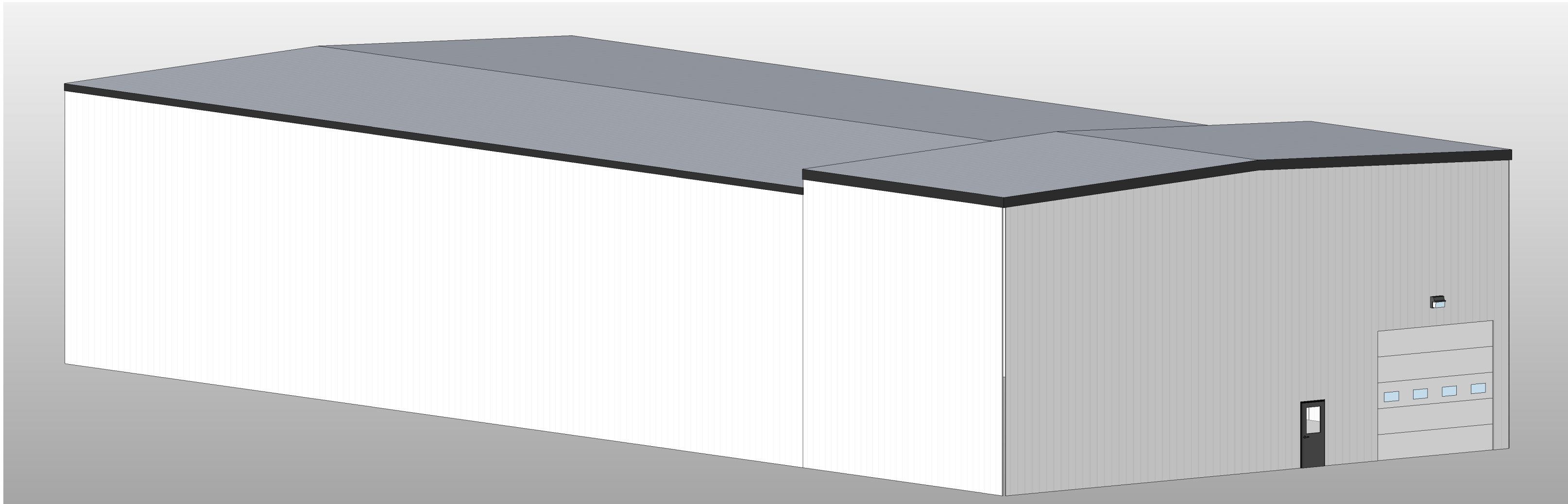


Atlas Metals 2,380 SQ FT ADDITION

521 Biddle Street
Waukesha, WI 53186

DESIGN DEVELOPMENT



ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE DESIGN PROFESSIONAL AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT WRITTEN CONSENT OF STRUCRITE, INC.

Atlas Metals 2,380 SQ FT ADDITION

521 Biddle Street
Waukesha, WI 53186

DESIGNER/ SUPERVISING PROFESSIONAL

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President, Engineer
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Waukesha, WI 53186
262.549.3222

OWNER

Atlas Metal Parts
Thomas Magnor
521 Biddle St
Waukesha, WI

Contractor

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262-896-9370

REVISIONS

No.	DATE	DESCRIPTION
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DESIGN DEVELOPMENT

SHEET TITLE:	COVER PAGE
JOB NUMBER:	22070
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ABBREVIATIONS

AC	AIR CONDITIONING	FGL	FIBERGLASS	PREFAB	PREFABRICATED
ACS	ACCESS PANEL	FHC	FIRE HOSE CABINET	PRELIM	PRELIMINARY
ACT	ACOUSTICAL CEILING TILE	FN	FINISH	PRKG	PARKING
ADDUM	ADDENDUM	FIXT	FIXTURE	PSF	POUNDS PER SQUARE FOOT
ADJ	ADJUSTABLE	FL	FLOOR LINE	PT	PAINT
ADO	AUTOMATIC DOOR OPERATOR	FLR	FLOOR	PTD	PAPER TOWEL DISPENSER
AFF	ABOVE FINISH FLOOR	FLUOR	FLUORESCENT	PTDR	PAPER TOWEL DISPENSER WITH
ATL	ALTERNATE	FO	FACE OF (ITEM)	PTM	RECEPTACLE
ALUM	ALUMINUM	FOF	FACE OF FINISH		RECEIPT TO MATCH
ANOD	ANODIZED	FOM	FACE OF MASONRY		
APPROX	APPROXIMATE	FP	FIRE PROOF, FIRE PROTECTION	QT	QUARRY TILE
ARCH	ARCHITECT	FR	FRAME		
AUX	AUXILIARY	FT	FOOT OR FEET	R	RADIUS
AVG	AVERAGE	FTG	FOOTING	R	RISER
		FURG	FURRING	RA	RETURN AIR
		FV	FIELD VERIFY	RD	ROOF DRAIN
BD	BOARD			REF	REFRIGERATOR
BITUM	BITUMINOUS	GAL	GAGE	REFL	REFLECTED
BLDG	BUILDING	GAL	GALVANIZED	REINF	REINFORCED
BLKG	BLOCKING	GB	GRAB BAR	REQD	REQUIRED
BLKHD	BULKHEAD	GC	GENERAL CONTRACTOR	REV	REVISION
BM	BEAM	GL	GLASS	RFI	REQUEST FOR INFORMATION
BO	BOTTOM OF (ITEM)	GYP BD	GYPSUM BOARD	RM	ROOM
BO	BY OTHERS			RO	ROUGH OPENING
BS	BOTH SIDES	HB	HOSE BIB	ROW	RIGHT OF WAY
BT JNT	BUTT JOINT	HDW	HARDWARE	RTU	ROOF TOP UNIT
BTWN	BETWEEN	HDWD	HARDWOOD		
		HM	HOLLOW METAL	SAB	SOUND ATTENUATION BATTS
CAS	CARD ACCESS SYSTEM	HORZ	HORIZONTAL	SAG	SUPPLY AIR GRILL
CB	CATCH BASIN	HP	HORSE POWER	SC	SOLID CORE
CF/CI	CONTRACTOR	HR	HOUR	SCHED	SCHEDULE
	FURNISHED/CONTRACTOR	HTR	HEATER	SD	SOAP DISPENSER
CG	INSTALLED	HVAC	HEATING, VENTILATION & AIR	SECT	SECTION
CH	CORNER GUARD		CONDITIONING	SHR	SHOWER
CJ	CONTROL JOINT			SHT	SHEET
CL	CENTER LINE	ID	INSIDE DIAMETER	SHT MTL	SHEET METAL
CLG	CEILING	IN	INCH	SHV	SHELF, SHELVING
CLO	CLOSET	INCL	INCLUDE, INCLUDING	SHV	SHELF, SHELVING
CLR	CLEAR	INT	INTERIOR	SIM	SIMILAR
CMU	CONCRETE MASONRY UNIT			S&P	SHELF & POLE
CO	CASED OPENING	JAN	JANITOR	SPEC	SPECIFICATION
COL	COLUMN	JNT	JOINT	SPKR	SPEAKER
CONC	CONCRETE	KS	KNOCK OUT	SO	SQUARE
CONT	CONTINUE, CONTINUOUS	KO	KNOCK OUT	SS	SOLID SURFACE
CORR	CORRIDOR	KS	KNEE SPACE	SSK	SERVICE SINK
CPT	CARPET			STC	SOUND TRANSMISSION
CRS	COURSE, COURSES				COEFFICIENT
CT	CERAMIC TILE	L	LENGTH, LONG	STD	STANDARD
CTR	CENTER	LAV	LAVATORY	STL	STEEL
CUH	CABINET UNIT HEATER	LBS	POUND(S)	STOR	STORAGE
		LKR	LOOKER	STRUCT	STRUCTURAL
		LT WT	LIGHT WEIGHT	SUSP	SUSPENDED
DBL	DOUBLE				
DEFS	ERECT APPLIED EXTERIOR	MAS	MASONRY	T	TREAD
	FINISH SYSTEM	MATL	MATERIAL	TEMP	TEMPORARY
DEMO	DEMOLITION	MAX	MAXIMUM	T&G	TONGUE & GROOVE
DEP	DEPRESSED	MECH	MECHANICAL	THK	THICKNESS
DF	DRINKING FOUNTAIN	MED	MEDIUM	TLT	TOILET
DIA	DIAMETER	MFR	MANUFACTURER	TO	TO OF (ITEM)
DIAG	DIAGONAL	MH	MANHOLE	TOC	TOP OF CONCRETE
DM	DIMENSION	HD	MIDDLE	TOP	TOP OF FOOTING
DISP	DISPENSER	MIN	MINIMUM	TOP	TOP OF PAVEMENT
DIV	DIVISION	MIRR	MIRROR	TOS	TOP OF STEEL
DN	DOWN	MISC	MISCELLANEOUS	TOW	TOP OF WALL
DR OPNG	DOOR OPENING	MSB	MASONRY OPENING	TPD	TOILET PAPER DISPENSER
DS	DOWNSPOUT	MTD	MOP SERVICE BASIN	TYP	TYPICAL
DT	DRAIN TILE	MTL	MOUNTED		
DW	DISHWASHER			UCR	UNDERCOUNTER
DWG	DRAWING	NIC	NOT IN CONTRACT	UL	UNDERWRITERS LABORATORY
DWR	DRAWER	NO	NUMBER	UNO	UNLESS NOTED OTHERWISE
E	EACH	NOM	NOMINAL	UR	URINAL
EIFS	EXTERIOR INSULATION FINISH	NMS	NOT TO SCALE		
	SYSTEM			VAV	VARIABLE AIR VOLUME
EJ	EXPANSION JOINT	OV	OVER	VB	VAPOR BARRIER
EL	ELEVATION	OA	OVERALL	VCT	VINYL COMPOSITE TILE
ELEC	ELECTRICAL/ELECTRICAL	OC	ON CENTER	VERT	VERTICAL
ELEV	ELEVATOR	OD	OUTSIDE DIAMETER	VEST	VESTIBULE
EMER	EMERGENCY	OF/CI	OWNER FURNISHED/	VIF	VERIFY IN FIELD
EP	ELECTRICAL PANEL		CONTRACTOR INSTALLED	VR	VAPOR RETARDER
EQ	EQUAL	OFD	OVERFLOW DRAIN	VWC	VINYL WALL COVERING
EQUIP	EQUIPMENT	OH	OVERHEAD		
ES	ELECTRIC STRIKE	OPNG	OPENING	w/	WITH
ETR	EXISTING TO REMAIN	OPP	OPPOSITE	WC	WATERCLOSET
EWC	ELECTRIC WATER COOLER			WD	WOOD
EXH FN	EXHAUST FAN	PED	PEDESTAL	WF	WIDE FLANGE
EXIST	EXISTING	PERIM	PERIMETER	WH	WATER HEATER
EXP	EXPANSION	PL	PLATE	w/o	WITHOUT
EXPO	EXPOSED	PL	PROPERTY LINE	WS	WORKSTATION
EXT	EXTERIOR	PLAM	PLASTIC LAMINATE	WWF	WELDED WIRE FABRIC
		PLBG	PLUMBING	WWM	WEEDDED WIRE MESH
FA	FIRE ALARM	PLYWD	PLYWOOD		
FD	FLOOR DRAIN	PNL JNT	PANEL JOINT	YD	YARD(S)
FE	FIRE EXTINGUISHER	POC	POINT OF CONNECTION		
FEC	FIRE EXTINGUISHER CABINET	PR	PAIR		
FF	FINISH FACE				

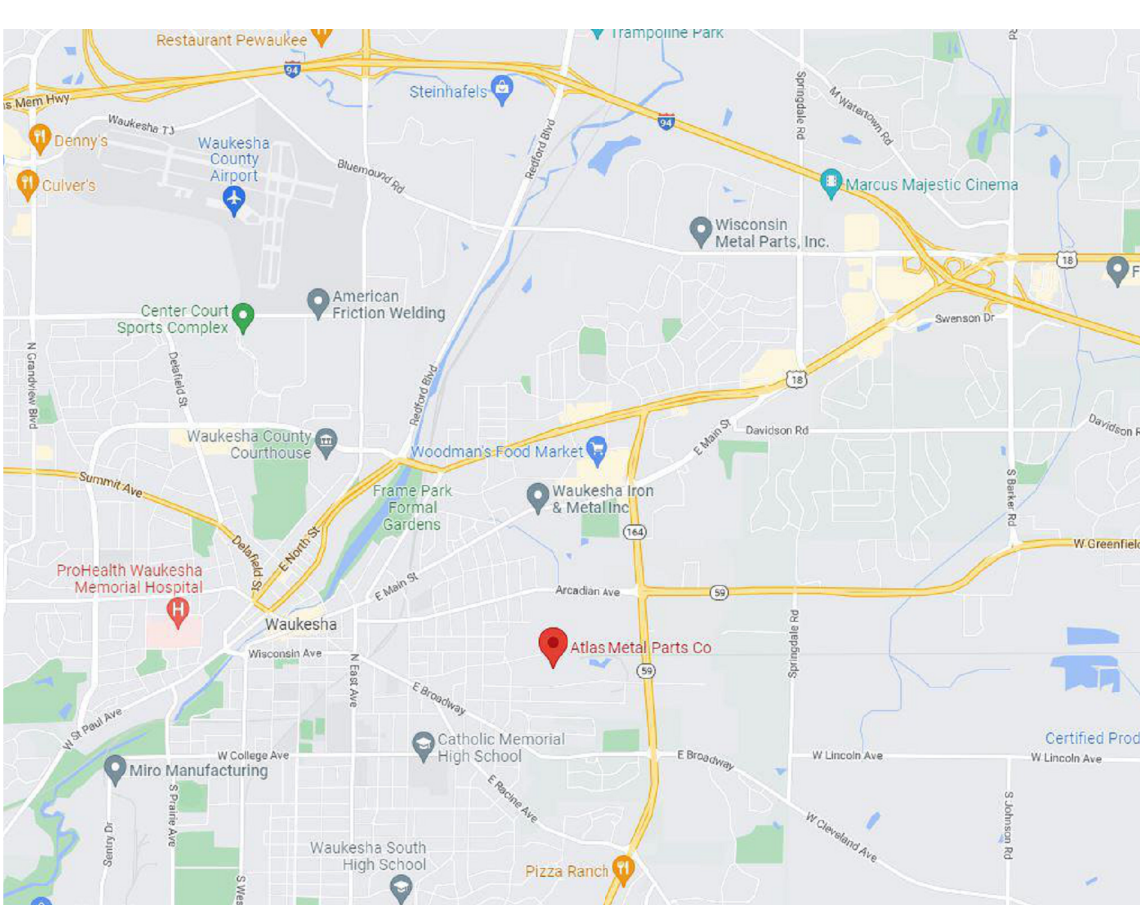
SYMBOLS LEGEND

101	DOOR TAG
1a	WINDOW TAG
61	WALL TAG
?	PROJECT KEYED NOTE
	EMERGENCY EXIT SIGN
	FIRE EXTINGUISHER
	EXISTING CONSTRUCTION
	NEW CONSTRUCTION
6"	TYPICAL DIMENSION
(6")	DIMENSION SHOWING FINISH TO FINISH

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE & NATIONAL CODES HAVING JURISDICTION OVER THIS PROJECT.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH BUILDING REGULATIONS AND IN A QUALITY WORKMANSHIP MANNER
3. DO NOT SCALE DRAWINGS
4. SEE GENERAL CONDITIONS OF THE CONTRACT FOR FULL SCOPE OF PROJECT
5. UNLESS NOTED OTHERWISE, ALL DETAILS, SECTION AND NOTES ON THE DRAWINGS ARE INTENDED TO BE TYPICAL FOR SIMILAR SITUATIONS ELSEWHERE
6. THE PLANS AND SPECIFICATIONS ARE INTENDED TO GIVE A DESCRIPTION OF THE WORK. NO DEVIATION FROM THE PLANS AND SPECIFICATIONS SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF STRUCRITE, INC.
7. ANY DISCREPANCIES WITHIN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF STRUCRITE, INC. IN WRITING.
8. THE TERMS "NOT IN CONTRACT" OR "BY OWNER" OR "BY OTHERS" DO NOT PRECLUDE OTHER WORK ASSOCIATED WITH THE CONTRACT WHICH MUST OCCUR IN THE VICINITY OF THE AREA OR THROUGH THE SPACE.
9. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF STRUCRITE, INC. PRIOR TO BIDDING.
10. IF FIELD CONDITIONS NECESSITATE ANY CHANGES OR MODIFICATIONS, THE CHANGES OR MODIFICATIONS MUST BE APPROVED BY STRUCRITE, INC. PRIOR TO PROCEEDING WITH WORK.
11. ALL CHANGE ORDERS MUST BE APPROVED BY THE OWNER PRIOR TO PROCEEDING WITH ANY WORK. FAILURE TO FOLLOW THIS STEP MIGHT RESULT IN NON-PAYMENT.
12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CLEAN-UP.
13. GENERAL AND SUB CONTRACTS SHALL EXERCISE ALL REASONABLE PRECAUTIONS FOR THE PROTECTION OF PERSONS AND PROPERTY ON THE SITE. ALL SAFETY PROVISIONS AND APPLICABLE LAWS FOR BUILDING AND CONSTRUCTION CODES SHALL BE OBSERVED.
14. GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO STRUCRITE INC. FOR APPROVAL BEFORE PROCEEDING WITH ANY FABRICATION OR INSTALLATION.
15. MANUFACTURES DIRECTIONS FOR APPLICATION, INSTALLATION AND METHODS SHALL BE FOLLOWED ARE HEREWITH MADE PART OF THE CONSTRUCTION DOCUMENTS.
16. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED

LOCATION MAP



VICINITY MAP



ARCHITECTURAL SPECIFICATIONS

GYPSUM BOARD

- A. ALL GYPSUM BOARD SHALL BE AS MANUFACTURED BY U.S. GYPSUM, NATIONAL GYPSUM OR EQUAL. PROVIDE JOINT TAPE, JOINT COMPOUND, TEXTURE MATERIALS, AND INSTALLATION ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION IN ACCORDANCE WITH ASTM C840, GA201, GA216, GA600, AND U.S.G. "GYPSUM CONSTRUCTION HANDBOOK."
 - B. PROVIDE CONTROL JOINTS PER THESE REQUIREMENTS.
 - C. GYPSUM BOARD SHALL CONFORM TO THE FOLLOWING STANDARDS WHERE REQUIRED:
 1. FIRE RATED: ASTM C86, TYPE X OR C, UL RATED, 48 INCH BY 5/8 INCH THICK, MAXIMUM PERMISSIBLE LENGTH.
 2. MOISTURE RESISTANT: ASTM C830, TYPE X OR C, UL RATED, 48 INCH BY 5/8 INCH THICK, MAXIMUM PERMISSIBLE LENGTH.
 - D. ERECT BOARD VERTICALLY, WITH ENDS AND EDGES OCCURRING OVER FIRM BEARING. STAGGER END JOINTS TO OCCUR AT DIFFERENT LOCATIONS ON OPPOSITE SIDES OF WALL. ERECT EXTERIOR SHEATHING HORIZONTALLY.
 - E. PROVIDE M.R. DRYWALL AT ALL FRP, CERAMIC WALL TILE, PORCELAIN WALL TILE, COOLER PANEL, FREEZER PANEL AND DAMPIWET LOCATIONS.
 - F. USE SCREWS WHEN FASTENING TO METAL FRAMING AND SCREWS OR NAILS TO WOOD STUDDING. STAGGER FASTENERS OPPOSITE EACH OTHER ON ADJACENT ENDS AND EDGES, SPACED AS RECOMMENDED IN "GYPSUM CONSTRUCTION HANDBOOK". DO NOT ATTACH TO TOP TRACK ON PARTITIONS EXTENDING FROM FLOOR TO STRUCTURE ABOVE.
 - G. ON FIRE RATED ASSEMBLIES, SEAL PENETRATIONS AND MAKE AIR-TIGHT.
 - H. MAXIMUM TOLERANCE FROM TRUE FLATNESS: 1/8 INCH IN 10 FEET IN ANY DIRECTION.
- ##### SEALANTS
- A. CAULK AROUND ALL WINDOWS, DOORS, VENT OPENINGS, WHERE DIFFERENT MATERIALS MEET, ROOF OPENINGS, EAVES, SOFFITS, JOINTS, COUNTERTOPS, DOOR FRAMES, ETC. AND AS REQUIRED FOR A WATERTIGHT CONNECTION. PROVIDE CAULK PER MANUFACTURERS RECOMMENDATIONS. CAULK TO BE TREMOLO DYMERIC FOR FOOD PROCESSING FACILITIES OR FOOD PREP/FOOD STORAGE AREAS. CAULK TO BE INSTALLED AFTER FINISH IS APPLIED TO SURFACES PER MANUFACTURER.

FIRE EXTINGUISHERS

- A. REQUIREMENTS
 1. CONTRACTOR TO FURNISH AND INSTALL EXTINGUISHERS PER LOCAL, STATE, AND FEDERAL CODES, AND N.F.P.A. NO.10-1978.
 2. MOUNT FIRE EXTINGUISHER NOT HIGHER THAN 48" ABOVE FINISH FLOOR UNLESS LOCAL REGULATIONS REQUIRE DIFFERENT HEIGHT.
 3. ALL FIRE EXTINGUISHERS AND CABINETS TO MEET THE REQUIREMENTS OF THE A.D.A.

HEATING AND VENTILATION WORK (design by others)

- A. REQUIREMENTS
 1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES.
 2. SEPARATE PLANS AND CALCULATIONS SHALL BE SUBMITTED BY CONTRACTOR FOR APPROVAL AS THE HEATING AND VENTILATING WORK IS NOT A PART OF THIS PLAN.
 3. ALL PENETRATIONS THROUGH RATED CONSTRUCTION SYSTEMS SHALL BE OF U.L. APPROVED METHODS.

PLUMBING WORK (design by others)

- A. REQUIREMENTS
 1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES.
 2. SEPARATE PLANS AND CALCULATIONS SHALL BE SUBMITTED BY CONTRACTOR FOR APPROVAL AS THE PLUMBING WORK IS NOT A PART OF THIS PLAN.
 3. ALL PENETRATIONS THROUGH RATED CONSTRUCTION SYSTEMS SHALL BE A U.L. APPROVED METHODS.

ELECTRICAL WORK (design by others)

- A. REQUIREMENTS
 1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES.
 2. SEPARATE PLANS AND CALCULATIONS SHALL BE SUBMITTED TO STATE AND LOCAL AGENCIES BY CONTRACTOR FOR APPROVAL AS THE ELECTRICAL WORK IS NOT A PART OF THIS PLAN.
 3. ALL PENETRATIONS THROUGH RATED CONSTRUCTION SYSTEMS SHALL BE OF U.L. APPROVED METHODS.
- B. AUTOMATIC SMOKE DETECTION SYSTEM (NOTE: DO NOT INCLUDE UNLESS REQUIRED)
 1. SMOKE DETECTION SYSTEM SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES, AND N.F.P.A. STANDARDS 71, 72B, 72C, 72D, 72E.
 2. AUTOMATIC DETECTION PRODUCTS SHALL BE AN APPROVED SYSTEM, MEETING FEDERAL, STATE AND LOCAL CODES.
 3. ALL SMOKE DETECTORS SHALL BE BOTH AUDIBLE AND VISUAL AS REQUIRED BY THE A.D.A.

FIRE PROTECTION WORK (design by others)

- A. REQUIREMENTS
 1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH STATE, LOCAL AND APPLICABLE NFPA CODES.
 2. SEPARATE PLANS AND CALCULATIONS SHALL BE SUBMITTED BY CONTRACTOR FOR APPROVAL AS THE FIRE PROTECTION WORK IS NOT A PART OF THIS PLAN.
 3. ALL PENETRATIONS THROUGH RATED CONSTRUCTION SYSTEMS SHALL BE OF U.L. APPROVED METHODS.

Atlas Metals 2,380 SQ FT ADDITION

521 Biddle Street
Waukesha, WI 53186

REVISIONS

No.	DATE	DESCRIPTION
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DESIGN DEVELOPMENT

SHEET TITLE:	EXISTING SITE PLAN
JOB NUMBER:	22070
ISSUED DATE:	05.17.2022
DRAWN BY:	Author
SHEET NUMBER:	

C1.0

1 SITE PLAN - EXISTING
1" = 30'-0"



**521 Biddle Street
Waukesha, WI 53186**

Journal of Management Inquiry 18(6)

SHEET TITLE:
PROPOSED SITE PLAN

PROPOSED SITE PLAN	
JOB NUMBER:	

22070

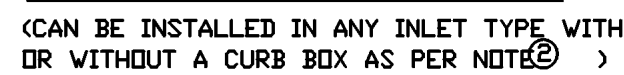
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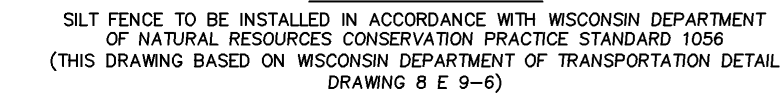
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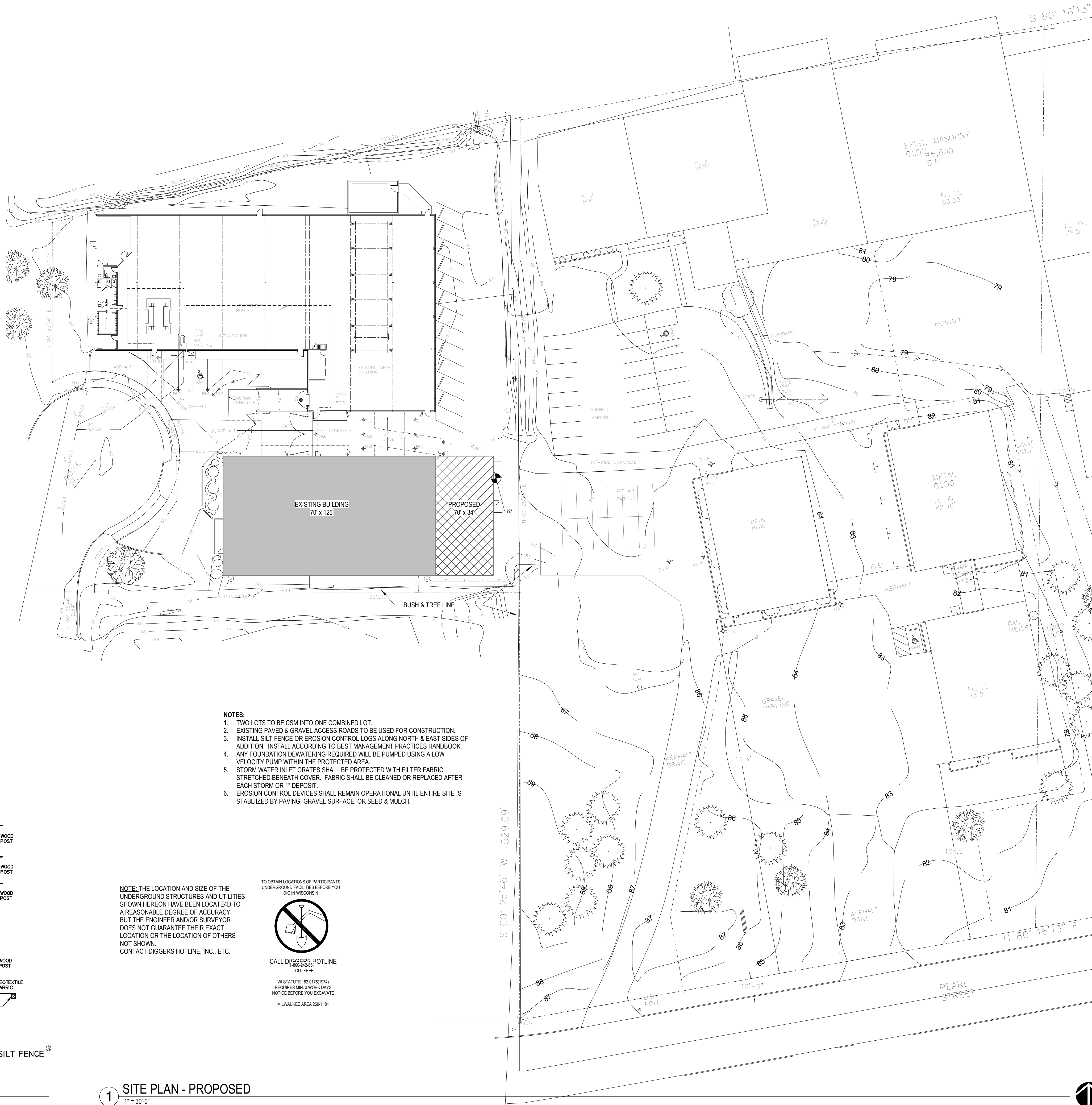
② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3'. WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3' CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4' FROM THE BOTTOM OF THE BAG.



SITE PLAN - PROPOSED
1" = 30'-0"



1. TWO LOTS TO BE CSM INTO ONE COMBINED LOT.
2. EXISTING PAVED & GRAVEL ACCESS ROADS TO BE USED FOR CONSTRUCTION.
3. INSTALL SILT FENCE OR EROSION CONTROL LOGS ALONG NORTH & EAST SIDES OF ADDITION. INSTALL ACCORDING TO BEST MANAGEMENT PRACTICES HANDBOOK.
4. ANY FOUNDATION Dewatering REQUIRED WILL BE PUMPED USING A LOW VELOCITY PUMP WITHIN THE PROTECTED AREA.
5. STORM INLET GRATE SHALL BE PROTECTED WITH FILTER FABRIC STRETCHED BENEATH COVER. FABRIC SHALL BE CLEANED OR REPLACED AFTER EACH STORM OR 1" DEPOSIT.
6. EROSION CONTROL DEVICES SHALL REMAIN OPERATIONAL UNTIL ENTIRE SITE IS STABILIZED BY PAVING, GRAVEL SURFACE, OR SEED & MULCH.

WI STATUTE 182.0175(1974)
REQUIRES MIN. 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

MILWAUKEE AREA 259-1181

LIFE SAFETY ANALYSIS

SUBMITTAL TYPE	ADDITION				MAXIMUM EXIT DISTANCE	MAXIMUM		ACTUAL	
TYPE OF CONSTRUCTION	IIB				MAXIMUM COMMON PATH	MAXIMUM		ACTUAL	
NUMBER OF STORIES	1				MAXIMUM DEAD-END CORRIDOR	MAXIMUM		ACTUAL	
SPRINKLED	YES				TOTAL NUMBER OF EXITS	REQUIRED		ACTUAL	
SPRINKLER TYPE	NFPA 13				REQUIRED STAIR WIDTH	REQUIRED		ACTUAL	
FIRE SUPPRESSION					REQUIRED EGRESS WIDTH	REQUIRED		ACTUAL	
FIRE ALARM					MAIN OCCUPANCY TYPE	F-2			
ALARM TYPE					ALL OCCUPANCY TYPES				
WATER CLOSET-MALE	REQUIRED	3	PROVIDED	3	OCCUPANCY SEPARATIONS				
WATER CLOSET-FEMALE	REQUIRED	1	PROVIDED	1	INCIDENTAL USES				
LAVATORIES	REQUIRED	2	PROVIDED	4	ALLOWABLE AREA				
TUBS/SHOWERS	REQUIRED		PROVIDED		ACTUAL AREA FOR				
DRINKING FOUNTAINS	REQUIRED		PROVIDED		ACTUAL AREA FOR				
OTHER					ACTUAL AREA FOR				
					TOTAL ACTUAL AREA	11,180 SQ FT			
					TOTAL OCCUPANT LOAD				

* MAX TRAVEL DISTANCE TO FIXTURES 400 FT < 500 FT

GENERAL PLAN NOTES:

1. SEE SHEET A5.0 FOR ALL TYPICAL MOUNTING HEIGHTS AND DOOR CLEARANCES.
2. NOT USED

DOOR & DOOR FRAME NOTES:

- INSULATE ALL HOLLOW METAL DOOR FRAMES WITH FIBERGLASS INSULATION.

• PROVIDE ALL HOLLOW METAL FRAMES W/ (1) COAT PRIMER & (2) COATS PAINT.

• ALL HOLLOW METAL FRAMES TO BE REINFORCED & PREPARED FOR HARDWARE.

• ALL WELDED FRAMES SHALL BE 16ga (MIN.)

• ALL HOLLOW METAL DOORS SHALL BE 16ga (MIN.)

• ALL EXTERIOR DOORS SHALL BE PROVIDED WITH WEATHERSTRIPPING.

• ALL DOOR THRESHOLDS SHALL NOT EXCEED 1/2" IN HEIGHT.

• ALL DOORS SHALL MEET A.D.A. REQUIREMENTS.

• PROVIDE LEVER TYPE HANDLES ON ALL DOORS.

• PROVIDE CAULKING AT ALL DOOR FRAMES, WINDOWS & WHERE NOTED ON PLANS.

• PROVIDE DOOR COORDINATORS ON PAIRS OF DOORS AS REQUIRED.

• VERIFY W/ H.V.A.C. CONTRACTOR FOR DOOR UNDERCUTS & GRILLES.

• ALL SIGNAGE TO ME MOUNTED AT A.D.A. HEIGHT (SEE GENERAL SPECIFICATIONS).

• O.H. DOORS TO BE PROVIDED W/ ELECTRIC DOOR OPERATOR W/ 3-BUTTON CONTROLS.

• UNLESS NOTED OTHERWISE, ALL OVERHEAD DOORS SHALL HAVE A U-FACTOR OF 0.2 OR BETTER.

• UNLESS NOTED OTHERWISE, ALL EXTERIOR WALK DOORS SHALL HAVE A U-FACTOR OF 0.45 OR BETTER.

DOOR HARDWARE NOTES:

1. ALL HANDLES, PULLS, LATCHES, LOCKS, & OTHER PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND & DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. SUCH HARDWARE SHALL BE 34 INCHES MINIMUM TO 48 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.

2. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES SHALL BE 5 SECONDS MINIMUM.

3. DOOR SWING HINGES SHALL BE ADJUSTED SO THAT THE OPEN POSITION OF 70 DEGREES, THE DOOR SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM, MEASURED UNDER AMBIENT CONDITIONS.

4. FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE AUTHORITY. THE MAXIMUM FORCE FOR PUSHING OPEN OR PULLING OPEN DOORS OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:

A. INTERIOR HINGED DOOR: 5.0 POUNDS (22.2N)

B. SLIDING OR FOLDING DOOR: 5.0 POUNDS (22.2N)

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION.

5. DOOR SURFACE WITHIN 10 INCHES OF THE FLOOR OR GROUND MEASURED VERTICALLY SHALL BE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN SUCH SURFACE SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER. CAVITIES CREATED BY ADDED KICK PLATE SHALL BE CAPPED.

EXCEPTIONS:

A. SLIDING DOORS

B. TEMPERED GLASS DOORS WITHOUT STILES & HAVING A BOTTOM RAIL OR SHOE WITH THE TOP LEADING EDGE TEMPERED AT NO LESS THAN 60 DEGREES FROM THE HORIZONTAL SHALL NOT BE REQUIRED TO MEET THE 10 INCH BOTTOM RAIL HEIGHT REQUIREMENT.

C. DOORS WHICH DO NOT EXTEND TO WITHIN 10 INCHES OF THE FLOOR OR GROUND.

6. DOOR & SIDELIGHTS ADJACENT TO DOORS CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE PANEL 43 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND.

DOOR HARDWARE TYPES:

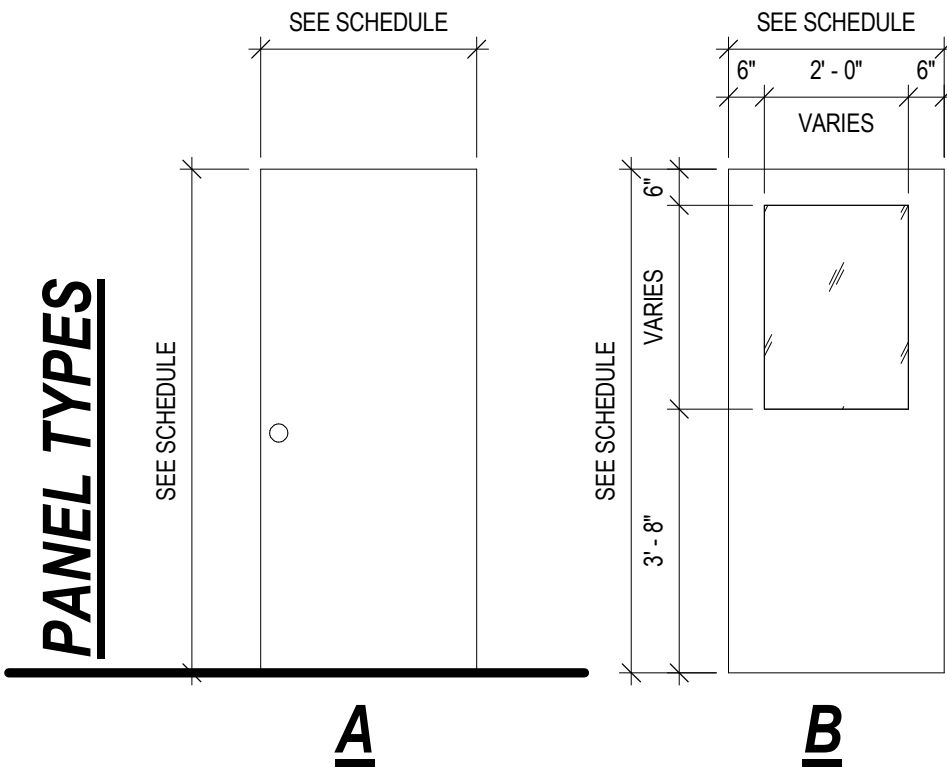
SPECIFIED BRANDS MAY BE SUBSTITUTED WITH AN EQUIVALENT WITH OWNER & ARCHITECT APPROVAL.
ALL HARDWARE FINISHES TO BE:
#619 SATIN NICKEL

- 102 - SCHLAGE AL SERIES LEVER, SATURN DESIGN,
FUNCTION: ENTRANCE LOCK
- 104 - SCHLAGE AL SERIES LEVER, SATURN DESIGN,
FUNCTION: EXIT LOCK

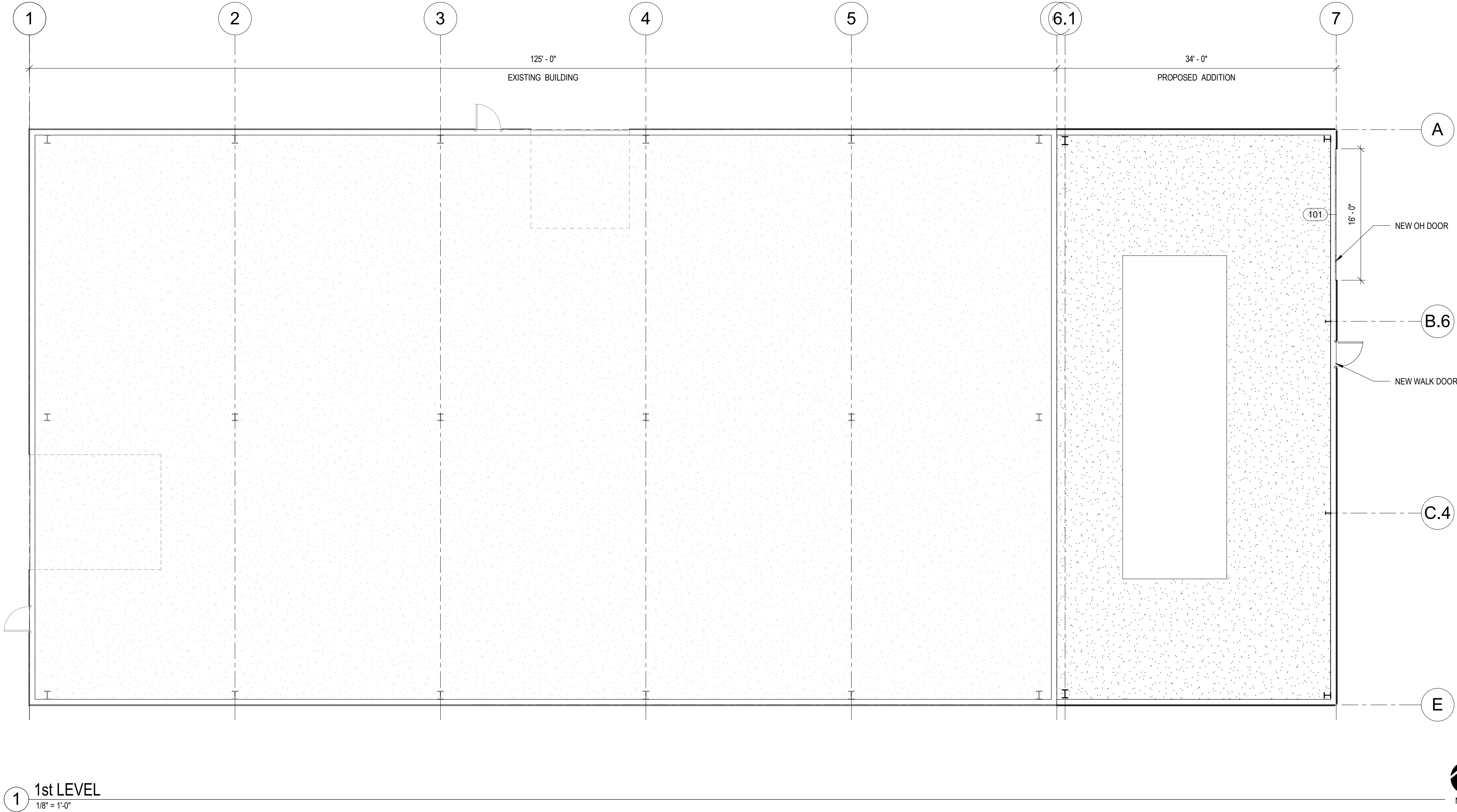
- 200 - LCN 1260 SERIES, DOOR CLOSER (FACTORY/WAREHOUSE USES)
- 204 - ELECTRIC ACCESSIBLE PUSH BUTTON DOOR OPERATOR

- 210 - DOOR SEALS
- 211 - DOOR SWEEP
- 212 - LOW PROFILE THRESHOLD, MEETS ANSI-117.1-2003 STANDARDS
- 213 - KICKPLATE
- 214 - LATCH GUARD
- 215 - RAIN DRIP

- 300 - O.H. DOOR ELECTRIC VERTICAL LIFT



DOOR SCHEDULE											
MARK	LOCATION	WIDTH	HEIGHT	FIRE RATING	DOOR PANEL			DOOR FRAME		COMMENTS	HARDWARE SET
					TYPE	MATERIAL	FINISH	MATERIAL	FINISH		
101		16'-0"	14'-0"			STEEL	PAIN				
108		3'-0"	7'-0"		B						
2											



REVISIONS

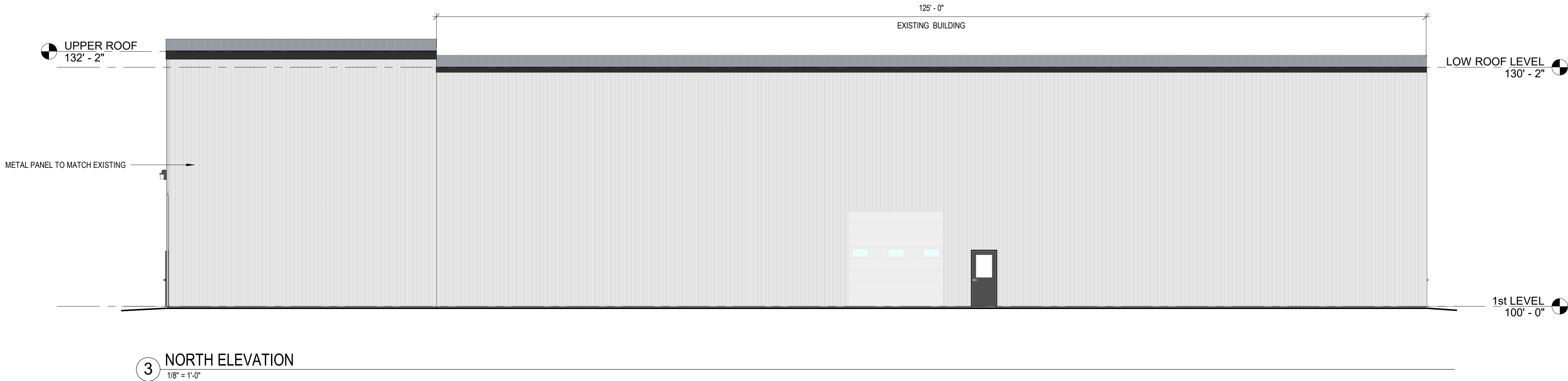
No.	DATE	DESCRIPTION
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DESIGN DEVELOPMENT

SHEET TITLE:	MAIN LEVEL PLAN
JOB NUMBER:	22070
ISSUED DATE:	05.17.2022
DRAWN BY:	ks
SHEET NUMBER:	A1.1

Atlas Metals 2,380 SQ FT ADDITION
521 Biddle Street
Waukesha, WI 53186

REVISIONS		
No.	DATE	DESCRIPTION
DESIGN DEVELOPMENT		
SHEET TITLE: EXTERIOR ELEVATIONS		
JOB NUMBER:		22070
ISSUED DATE:		05.17.2022
DRAWN BY:		ks
SHEET NUMBER:		A2.0



EXISTING BUILDING - WEST ELEVATION

