ISTHMUS ENGINEERING 4035 OWL CREEK DR.

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PROJECT DATA

LOCATION:

MADISON, WI, 53718
REGULATING MUNICIPALITIES:
CITY OF MADISON
DANE COUNTY
STATE OF WISCONSIN

4035 OWL CREEK DR

- BUILDING CODE: CITY OF MADISON ZONING ORDINANCES DANE COUNTY ZONING ORDINANCES WISCONSIN ADMINISTRATIVE CODE 2015 INTERNATIONAL BUILDING CODE ACCESSIBILITY ANSI A117.1 - 2009
- PROJECT DESCRIPTION: BUILDING EXPANSION CONSISTING OF: SINGLE STORY OF B AND F-1 OCCUPANCIES
- OCCUPANCY TYPE: PRIMARY: B (BUSINESS) SECONDARY: F-1 (FACTORY)
- CONSTRUCTION TYPE TYPE IIB

STORIES

- ALLOWABLE BUILDING AREA & HEIGHT: MAXIMUM HEIGHT ABOVE GRADE PLANE = [XX] FEET (IBC TABLE 504.3) = [XX] STORIES MAXIMUM STORIES ALLOWED (IBC TABLE 504.4) MAXIMUM AREA ALLOWED PER FLOOR = [XX,XXX] SF (IBC TABLE 506.2) AREA MODIFICATIONS = [XX,XXX] SF (IBC SECTION 506) TOTAL MAXIMUM ALLOWABLE AREA PER FLOOR = [XX,XXX] SF ACTUAL BUILDING AREA & HEIGHT: HEIGHT ABOVE GRADE PLANE = 35 FEET
- BUILDING FLOOR AREA EXPANSION AREA AREA AND LEVEL OF ALTERATION:

= 1 STORY

= 111,212 SF

= [X,XXX] SF

= LEVEL [1, 2, 3]

= [XX] %

= 19 OCC

= 279 OCC

= 298 OCC

= 30,480 SF

- AREA INCLUDED IN ALTERATION PERCENTAGE OF TOTAL AREA LEVEL OF ALTERATION
- NUMBER OF OCCUPANTS (TABLE 1004.1.2): B OCCUPANCY = 1,904 SF/ 100 GROSS F-1 OCCUPANCY = 27,872 SF/ 100 GROSS TOTAL OCCUPANTS
- PLUMBING: WATER CLOSETS

MEN @ 1	/ 50	= 1.78
<u>WOMEN @ 1</u>	/ 50	= 1.78
TOTAL REQUIF	RED	= 3.56
TOTAL PROVIE	DED	= 10
LAVATORIES		
MEN @1	/ 50	= 1.63
WOMEN @1	/ 50	= 1.63
TOTAL REQUIR	RED	= 3.26

SERVICE SINK 1 REQUIRED = 1 PROVIDED

TOTAL PROVIDED

DRINKING FOUNTAIN

1 REQUIRED = 1 PER [NUMBER] OR TENANT WILL PROVIDE DRINKING WATER VIA WATER BOTTLES OR SIMILAR

= 8

ALL FIXTURES TO COMPLY WITH ICC A117.1

FIRE CONTROL: [FULLY OR NON] SPRINKLERED BUILDING: NFPA [XX] PORTABLE FIRE EXTINGUISHERS (IBC SECTION 906.3.1)

> HAZARD TYPE = [LOW, MOD, HIGH] MAXIMUM AREA = [XX] SF PER "A" MAXIMUM DISTANCE (TYPE [A OR B]) = [XX] FEET EXTINGUISHER RATING = [X-A:X-B:C] NUMBER REQUIRED AT ABOVE RATING = [X]

EXITS: EXIT(S) REQUIRED TO MEET EXITING DISTANCES = [X]

EXIT(S) PROVIDED TO MEET DISTANCES MIN 60% OF PUBLIC EXTERIOR DOORS TO BE ON ACCESSIBLE ROUTE

ACCESSIBILITY: FOLLOW IBC 2015 AND ANSI 117.1 (2009)

COMCHECK DESIGN:

CODE:	[2015 IECC (2013 ASHREA 90.1
PERIMETER INSULATION:	[R-10 RIGID]
WALLS:	
[RIGID]:	[R-10]
[LINER SYSTEM]:	[R-21]
[COMPRESSED AT GI	RTS, THERMAL TAPE, ETC.]
ROOF:	· · · · · · · · ·
[LINER SYSTEM]:	[R-38]

MADISON, WI 53718 **PROJECT GENERAL NOTES:**

- 1. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERING ANY DISCREPANCIES OR CONFLICTING INFORMATION IN THESE DOCUMENTS. CONTRACTOR SHALL CAREFULLY REVIEW AND COMPARE ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF THEIR WORK. ANY . 'CONSISTENCIES IN THE DRAWINGS SHALL BE REPORTED PROMPTL. TO THE ARCHITECT AND ENGINEER(S) FOR CLARIN 'CHINON.
- 2. DO NOT SCALE DRAWINGS. THE DRAWIN SARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS JIMEN JONS TAKE PRECEDENCE OVER SCALE. CONTR CTO TO VERIFY ALL DIMENSIONS IN FIELD.
- IMMEDIATELY UPON DISCOVEDING ANY UNANTICIPATED EXISTING SITE CONDITIONS AFFECTING (HTEL, ECUTION OF THESE DOCUMENTS (SUCH AS HAZ, OF OU) MATERIALS, ETC.).
- 4. CONTRACTOR SHALL ABIDE 5. ' ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIO' COVERNING THIS PROJECT.
- 5. JOB SITE SHALL BE BR VIN VEPT AND CLEAN AT THE END OF EACH DAY. ALL DEBRIS 'H. 'L BE PICKED UP AND DISPOSED OF PROPERLY INTO APP 'C ' O CONTAINER.
- 6. MAINTAIN DESIGNATE. EGRESS ROUTES DURING CONSTRUCTION BY KEEPING CLE, R OF CONSTRUCTION DEBRIS AND CLEARLY MARKING THE PAIL CEGRESS TRAVEL.
- 7. ALL MECHANI `AL (I VAC), ELECTRICAL, PLUMBING AND FIRE PROTECTION (IN THE & FP) DESIGN AND CONSTRUCTION TO BE BY A DESIGN-BUILD DELIVERY METHOD AND ARE SUBSEQUENTLY NOT PART OF THESE DOCUMENTS. IT IS THE MEP CONTRACTOR'S **RESPONSIBILITY TO COORDINATE WITH THE GENERAL** CONTRACTOR AND WITH THESE DRAWINGS THE FINAL DESIGN, RETROFIT AND INSTALLATION OF THESE SYSTEMS. NOTIFY THE ARCHITECT PRIOR TO MAKING ANY REVISIONS TO THE STRUCTURE OR ARCHITECTURAL FEATURES.
- 8. HVAC CONTRACTOR SHALL SUBMIT PROPER DESIGN DRAWINGS AS NEEDED FOR PLAN APPROVAL AND BUILDING PERMITS.
- 9. WITHIN THIS DOCUMENT "NORTH, SOUTH, EAST, WEST" ARE REFERRED TO AS PROJECT NORTH AND MAY NOT BE TRUE NORTH
- 10. ALL EXPOSED WOOD AND/OR WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- 11. PROVIDE GFI OUTLETS NEAR WATER SOURCES AND AS REQUIRED BY IEC.
- 12. PROVIDE FIRE BLOCKING AND DRAFTSTOPPING THROUGHOUT BUILDING PER IBC CHAPTER 7.
- 13. SUBMIT ALL FIXTURES, APPLIANCES, MATERIALS, SHOP DRAWINGS, PLAN MODIFICATIONS TO THE ARCHITECT FOR REVIEW AND APPROVAL.
- 14. IN SOME CASES THE SELECTION OF SPECIFIC ACCESSORIES. HARDWARE, MATERIALS OR FINISHES MAY NOT BE AVAILABLE AT ISSUANCE OF THESE DRAWINGS. THESE INSTANCES ARE INDICATED WITH "TBD", OR "TO BE DETERMINED". IN THESE SITUATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING APPROPRIATE ALLOWANCES TO COVER THE MATERIAL AND INSTALLATION FOR THAT ELEMENT, BASED ON THE BEST INFORMATION PROVIDED. IF NO INFORMATION IS PROVIDED. ASSUME A MID-RANGE PRODUCT COST TO SATISFY THE INTENT OF THE PROJECT. THE CONTRACTOR SHALL CLEARLY STATE IN THEIR BID PROPOSAL WHAT THE ALLOWANCE VALUE AND UNIT PRICE IS, LISTED SEPARATELY FOR EACH ITEM.
- 15. IF THE CONTRACTOR ELECTS TO NOT PROVIDE A PRICE FOR ANY ELEMENT CONTAINED IN THESE DOCUMENTS, FOR WHATEVER REASON, THE CONTRACTOR SHALL CLEARLY INDICATE THIS EXCLUSION IN THEIR BID PROPOSAL. IF NO EXCLUSION IS MADE, IT IS THE CONTRACTUAL OBLIGATION OF THE CONTRACTOR TO PROVIDE THE ELEMENT IN ACCORDANCE WITH THE GENERAL INTENT OF THE DRAWINGS.
- 16. IN THE EVENT OF CONTRADICTION OF DOCUMENTS, SPECIFICATIONS SHALL TAKE PRECEDENT. IF A CONTRADICTION REMAINS, OR IF THE SPECIFICATION DOES NOT CLARIFY, THEN THE CONTRACTOR SHALL ASSUME THE MOST EXPENSIVE OF THE MATERIALS AND INSTALLATION WHEN COMPARING THE CONTRADICTORY ITEMS.

PROJECT CONTACTS:

OWNER: [COMPANY NAME] [ADDRESS] [CITY, STATE ZIP CODE]

CONTACT:

[COMPANY NAME] [ADDRESS] [CITY, STATE ZIP CODE]

TENANT:

[NAME] (OWNER) [PHONE NUMBER]

CONTACT: [NAME] (TENANT OWNER) [PHONE NUMBER]

ARCHITECT: SKETCHWORKS ARCHITECTURE, LLC 2501 PARMENTER STREET, SUITE 100B MIDDLETON, WI 53562

CONTACT: [NAME] (ARCHITECT) [NAME] (DESIGNER / CONTACT) 608-836-7570

GENERAL CONTRACTOR: [COMPANY NAME] [ADDRESS] [CITY, STATE ZIP CODE]

CONTACT: [NAME] (OWNER) [PHONE NUMBER]

	SHEET INDEX		
SHEET NUMBER	SHEET NAME	REVIS	
GENERAL			
G001	COVER SHEET		
G002	FIRE SEPARATION & EGRESS PATH		
	EXISTING CONDITIONS		
C201	SITE PLAN		
C301	GRADING PLAN		
C302	EROSION CONTROL PLAN		
C401	UTILITY PLAN		
STRUCTUR	AL		
S001	STRUCTURAL NOTES		
S101	OVERALL FOUNDATION PLAN		
S102	ENLARGED FOUNDATION PLAN		
S201	OVERALL FRAMING PLAN		
S202	ENLARGED FRAMING PLAN		
5301 5302			
S502	ERAMING SECTIONS		
S601	CONCRETE DETAILS		
S701	MASONRY DETAILS		
S801	STEEL DETAILS		
S901	CFS DETAILS		
ARCHITEC			
A001			
ARCHITEC AD101 AD102 AD103	TURAL DEMOLITION DEMOLITION FLOOR PLAN DEMOLITION REFLECTED CEILING PLAN DEMOLITION ROOF PLAN		
AD 103	DEMOLITION EXTERIOR ELEVATIONS		
ARCHITEC	TURAL SITE		
AS101	ARCHITECTURAL SITE PLAN		
	τι ι αι		
A100			
A101	FIRST FLOOR PLAN		
A102	REFLECTED CEILING PLAN		
A201	EXTERIOR ELEVATIONS		
A301	BUILDING SECTIONS		
A302			
A401	ENLARGED FLOOR PLANS		
A501 A502	SECTION DETAILS		
A601	DOOR AND WINDOW SCHEDULES		
A1010	FLOOR PLAN		
A4011	ENLARGED FLOOR PLANS		
ARCHITEC			
AI101	FINISH FLOOR PLAN		
AI102 AI201			
AI201 AI601			
Al602	EQUIPMENT AND FURNITURE SCHEDULES		
ELECTRICA	AL		
ES101	SITE LIGHTING PLAN		
	TION		
PRESENTA		I	
	SCHEME 11X1/		
A901	PreView 8.5x11		

PRELIMINARY G001

Fitchburg	5	
BUILDING LOCATION		
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	04.15.2022	SCHE
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Maple Bluff Puso, Madison Monona -W-Beltline Cottage Fitchburg

Burke a

PROJECT LOCATION

4035 OWL CREEK DR., MADISON, WI 53718

QUAM ENGINEERING, LLC



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> RKS 2022

COVER SHEET





PRELIMINARY

A001



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PARTITION TYPE NOTES:

ALL INTERIOR PARTITIONS ARE TO BE XXX-XX WALL TYPE UNLESS NOTED OTHERWISE

- A. SEE 2009 UNDERWRITER'S LABORATORY DIRECTORY FOR ADDITIONAL INFORMATION ON WALL RATING SPECIFICS AND ALLOWABLE MATERIALS.
- B. PROVIDE TREATED WOOD AT ALL LOCATIONS WHERE WOOD IS IN CONTACT WITH CONCRETE AND/OR MASONRY.
- C. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL WET AREAS INCLUDING KITCHENS, BATHROOMS, AND RESTROOMS.
- D. PROVIDE ACOUSTICAL INSULATION AND ACOUSTICAL SEALANT AT TOP & BOTTOM OF WALLS AND ALL WALL PENETRATIONS AT ALL CORRIDOR AND UNIT DEMISING WALLS. FOR SOUND IMPROVEMENT, DO NOT ALIGN PENETRATIONS BETWEEN UNITS (EG WALL OUTLETS).
- E. ALL GYPSUM SHALL EXTEND TO BOTTOM OF ROOF DECK OR FULL HEIGHT OF PARTITION UNLESS NOTED OTHERWISE.





QUAM ENGINEERING, LLC Residential and Commercial Site Design Consultants

ISTHMUS ENGINEERING	BUILDING EXPANSION	4035 OWL CREEK DR. Madison, wi 53718
Proje	ect Si	atus
PROJ. #:		22040-01
PROJ. #:	ETCHWO	22040-01 RKS E 2022

PRELIMINARY A002











QUAM ENGINEERING, LLC

ENGINEERING 4035 OWL CREEK DR. Madison, wi 53718 **BUILDING EXPANSION** SUM ISTHN Project Status 04.15.2022 SCHEMATIC PROJ. #: 22040-01 © SKETCHWORKS ARCHITECTURE 2022 FIRST FLOOR PLAN A101 PRELIMINARY

HATCH PATTERN KEY:



NEW CONSTRUCTION EXISTING CONSTRUCTION

<#>KEYNOTES:

- 1 NEW INSULATED TILT-UP CONCRETE WALL PANELS TO MATCH EXISTING (ALONG NORTH AND SOUTH WALLS) PER CONTRATOR DESIGN. SEE STRUCTURAL ENGINEERING.
- 2 OPEN EXISTING DOOR OPENING (FIELD VERIFY LOCATION). REFINISH AND INSTALL NEW OVERHEAD DOOR.
- 3 MATCH NEW FLOOR SLAB FLUSH WITH EXISTING FLOOR. PROVIDE SMOOTH AND LEVEL TRANSITION. SEE STRUCTURAL.
- 4 PROVIDE LEVEL SLAB TRANSITION AND THRESHOLD TO CONCRETE STOOP SLAB, WITH A MAX. 1/2" HEIGHT PER ADA.
- 5 REMOVE EXISTING CONCRETE PANEL AND INFILL WITH METAL FRAMING SECTION ABOVE THE NEW COILING DOOR.
- 6 SAWCUT NEW DOOR OPENING INTO EXISTING CONCRETE PANEL
- 7 SAWCUT DOOR OPENING INTO CONCRETE PANEL

<u>KEY PLAN</u>



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REFLECTED CEILING PLAN GENERAL NOTES:

- A. CENTER CEILING GRID IN ROOM, LEAVING A MINIMUM TILE DIMENSION OF NOT LESS THAN 1'-0", UNLESS NOTED OTHERWISE
- B. COORDINATE HVAC WITH ARCHITECT PRIOR TO INSTALLATION (SUPPLY DIFFUSERS, RETURN LOUVERS, TRANSFER GRILLS, EXHAUST GRILLS, AND ANY OTHER FIXTURE).
- C. LIGHTING SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. LIGHT FIXTURES TO BE DESIGNED BY ELECTRICIAN OR LIGHTING DESIGNER. COORDINATE LIGHTING LAYOUT WITH ARCHITECT PRIOR TO INSTALLATION.
- D. FOLLOW THE STATE AND NATIONAL CODE REQUIREMENTS AND MINIMUM FOOT CANDLE REQUIREMENTS.
- E. CENTER ALL CEILING MOUNTED LIGHT FIXTURES, LIFE SAFETY DEVICES, SPEAKERS, SPRINKLERS, AND OTHER ELEMENTS IN THE ACOUSTIC CEILING TILE IN BOTH DIRECTIONS, UNLESS NOTED OTHERWISE.
- F. MEP & FP CONTRACTORS SHALL COORDINATE WITH ARCHITECT PRIOR TO CONSTRUCTION START TO MINIMIZE CEILING MOUNTED FIXTURES AND EQUIPMENT. CONDUIT SHALL BE RUN AT 90 DEGREE ANGLES TO THE SPACE, UNLESS NOTED OTHERWISE, AND SHALL BE CONCEALED WHERE POSSIBLE.

CEILING PLAN FIXTURES:

	•	2X4' SUSPENDED LIGHT LED BULB TRACE LIT EHB SERIES- HIGH PERFORMANCE LED LINEAR HIGHBAY OR EQ.
	• •	2'X2' PANEL LIGHT LED BULB CF/CI
\oslash	• •	4" RECESSED CAN LIGHT LED BULB CF/CI
\mathcal{C}	• •	EXHAUST FAN W/ LIGHT LED BULB CF/CI
	• •	VANITY LIGHT ABOVE MIRRIOR LED BULB CF/CI
	•	EMERGENCY EXIT LIGHT LED BULB CF/CI

Sketch	works
arc	hitecture uc



QUAM ENGINEERING, LLC



A102

PLAN NORTH

2"

PRELIMINARY

0' 1' 2' 4' 0' ¹/₄" ¹/₂" 1" SCALE: 1/4" = 1'-0"



ROOF PLAN GENERAL NOTES:

- A. EXTERIOR DIMENSIONS ARE FROM GRIDLINE TO GRIDLINE, OR TO EDGE OF FOUNDATION WALL UNLESS OTHERWISE NOTED. PLEASE CONTACT ARCHITECT WITH ANY DISCREPANCIES.
- B. DIMENSIONS ARE TO FACE OF WALL UNLESS NOTED OTHERWISE. VERIFY ALL EXISTING CONDITIONS AND ADJUST WALL DIMENSIONS ACCORDINGLY. CONTACT ARCHITECT WITH ANY DISCREPANCIES.
- C. FINAL DOWNSPOUT / SCUPPER LOCATION(S) SHOULD BE COORDINATED BETWEEN THE ROOFING CONTRACTOR, THE ARCHITECT AND THE CIVIL ENGINEER, VERIFY LOCATION OF DOWNSPOUTS.

Sketch works architecture uc



QUAM ENGINEERING, LLC

<u>ROOF PLAN KEYNOTES:</u> 1 ROOF DRAIN





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ENLARGED PLAN GENERAL NOTES:

- A. ALL DIMENSIONS SHOWN ARE NOMINAL, REFER TO DETAILS FOR EXACT PARTITION TYPE SIZES. ALL DIMENSIONS ARE FACE OF FRAME TO FACE OF FRAME.
- B. ALL INTERIOR WALLS TO BE X UNLESS NOTED OTHERWISE.
- C. THE THICKNESS OF TILE, WOOD BASE, WAINSCOTING, TRIM AND SIMILAR APPLIED FINISHES ARE NOT INCLUDED IN ROOM DIMENSIONS.
- D. FIELD VERIFY OPENING AND ROOM SIZES FOR FINISH MATERIALS AND CABINETRY PRIOR TO ORDERING AND INSTALLATION.
- E. PROVIDE SOLID WOOD BLOCKING FOR CABINETRY, SHELVING, TOILET ACCESSORIES, AND TELEVISION MOUNTS.
- F. PROVIDE SOLID WOOD BLOCKING AT ALL GRAB BAR LOCATIONS PER ANSI A117.1 2009
- G. ALL CABINET LAYOUTS SHOWN ARE BASED ON GENERAL INFORMATION, AVAILABILITY OF SPECIFIC CABINET SIZES AND CONFIGURATIONS MAY VARY BY MANUFACTURER.
- H. CABINET SUPPLIER TO VERIFY QUANTITY AND PLACEMENT OF FINISHED END PANELS AND FILLER STRIPS REQUIRED FOR FINAL LAYOUTS. ALL EXPOSED SURFACES SHALL BE FINISHED.
- I. CABINET SUPPLIER TO COORDINATE ACTUAL APPLIANCE AND FIXTURE SELECTIONS WITH CABINET LAYOUTS.
- J. SCRIBE ALL CABINET FILLERS TO WALL AND TEMPLATE COUNTERTOPS TO FIT AS-BUILT CONDITIONS. CAULK AT PERIMETER OF COUNTERTOP BACK AND SIDE SPLASHES.
- K. INSTALL BASE AND FLOOR FINISH BEHIND ALL APPLIANCES.
- L. ALL FINISHES, APPLIANCES, EQUIPMENT, CABINET LAYOUTS AND ACCESSORIES TO BE APPROVED BY ARCHITECT/DESIGNER PRIOR TO INSTALLATION.
- M. SEE A001 FOR TYPICAL FIXTURE MOUNTING HEIGHTS. ALL EXPOSED PLUMBING BELOW SINKS TO BE WRAPPED IN THERMAL BARRIERS.





QUAM ENGINEERING, LLC -

ISTHMUS ENGINEERING	BUILDING EXPANSION	4035 OWL CREEK DR. Madison. Wi 53718
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PRELIMINARY

TOILET ROOM

1 FLOOR MOUNTED TOILET

3 WALL MOUNTED MIRROR

7 TOILET PAPER DISPENSER

10 WALL MOUNTED URINAL

9 36" LONG HORIZONTAL GRAB BAR

11 WALL MOUNTED URINAL PARTITION

12 WALL MOUNTED TOILET PARTITION

2 VANITY SINK

RECEPTACLE

ACCESSORIES SCHEDULE:

4 WALL MOUNTED LIQUID SOAP DISPENSER

5 RECESSED PAPER TOWEL AND WASTE

6 SANITARY NAPKIN WASTE RECEPTACLE

8 42" LONG HORIZONTAL GRAB BAR & 18" LONG VERTICAL GRAB BAR

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DOOR SCHEDUI E

DOON SCHEDULL											
	NOMINAL DOOR SIZE	DOOR PANEL			FRAME			DOOR	WALL FIRE		
MARK	(W x H x THK)	TYPE	MATERIAL	FINISH	GLAZING	TYPE	MATERIAL	FINISH	HARDWARE	RATING	REMARKS
100A	3'-0" x 7'-0" x 1 3/4"	А	HM	PT		А	HM	PT		NA	
100B	14'-0" x 14'-0" x 2"	С	MANF			NA		NA		NA	
100C	3'-0" x 7'-0" x 1 3/4"	А	HM	PT		А	HM	PT		NA	
100D	14'-0" x 14'-0" x 2"	С	MANF			NA		NA		NA	
100E	3'-0" x 7'-0" x 1 3/4"	А	HM	PT		А	HM	PT		NA	
100F	14'-0" x 16'-0" x 2"	С	MANF			NA		NA		NA	
100G	11'-8" x 11'-0" x 2"	D	MANF			NA		NA		NA	
101A	3'-0" x 7'-0" x 1 3/4"	А	HM	PT		А	HM	PT		NA	
101B	3'-0" x 7'-0" x 1 3/4"	А	HM	PT		А	HM	PT		NA	
102	3'-0" x 7'-0" x 1 3/4"	В	WD	ST	CL-1	А	HM	PT		NA	
103	3'-0" x 7'-0" x 1 3/4"	А	WD	ST		А	HM	PT		NA	
104	3'-0" x 7'-0" x 1 3/4"	А	WD	ST		А	HM	PT		NA	
105	3'-0" x 7'-0" x 1 3/4"	В	WD	ST	CL-1	А	HM	PT		NA	
106	3'-0" x 7'-0" x 1 3/4"	А	WD	ST		А	HM	PT		NA	
107	3'-0" x 7'-0" x 1 3/4"	А	WD	ST		А	HM	PT		NA	
108	3'-0" x 7'-0" x 1 3/4"	А	WD	ST		А	HM	PT		NA	
									•		

FIRST FLOOR: 16





DOOR TYPE 1 SINGLE LEAF SWING FLUSH DOOR

DOOR TYPE 1 SINGLE LEAF SWING FLUSH DOOR



DOOR TYPE 3
OVERHEAD ROLL-UP DOOR



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SINGLE

3

NO.

<u>D</u>	OOR SCHEDULE LEGEND
ABBREVIATION	TERM
ALUM	ALUMINUM
ETR	EXISTING TO REMAIN
HC WD	HOLLOW CORE WOOD
HM	HOLLOW METAL
INS MTL	INSULATED METAL
MANF	MANUFACTURER
PT	PAINT
SC WD	SOLID CORE WOOD
SST	STAINLESS STEEL
ST	STAIN

		DOOR HARDWA	ARE SCHED	ULE	
NO.	QTY	HARDWARE	MANUFACTURER	MODEL	FINISH
LOCKSI	ETS				
L-1	1	RESTROOM PRIVACY LOCK SET			
L-2	1	STORAGE LOCK SET			
L-3	1	OFFICE LOCK SET			
L-4	1	CLASSROOM LOCK SET			
L-5	1	FLUSH BOLT AT HEAD ON INACTIVE SIDE			
L-6	1	THUMB TURN			
L-7	1	PUSH			
L-8	1	PULL			
L-9					
L-10					
HINGES	3				
H-20	3	1 1/2" PAIR HINGES, STANDARD WEIGHT			
H-21	3	1 1/2" PAIR HINGES, HEAVY DUTY			
H-22	6	1 1/2" PAIR HINGES, STANDARD WEIGHT			
H-23					
H-24					
CLOSE	RS				
C-30	1	CLOSER WITH HOLD OPEN			
C-31	1	CLOSER WITH ARM STOP			
C-32	1	SURFACE CLOSER			
C-33					
C-34					
STOPS	I			I	I
S-40	1	FLOOR STOP			
S-41	1	WALL STOP			
S-42	1	OVERHEAD STOP			
S-43					
S-44					
OPERA	TORS	1	I	I	I
O-50	1	POWER OPERATOR			
O-51					
O-52					
MISCEL	LANEO	ÚS	1	1	
M-60	1	PEEP HOLE			
M-61	1	KICK PLATE			
M-62					
M-63					
	I	1	1	1	1

MARK	NOMINAL WIDTH	NOMINAL HEIGHT	SILL HEIGHT	GLAZING TYPE	REMARKS
А	2'-10"	2'-10"	17'-7" AFF	GL-1	1
В	2'-10"	4'-8"	3'-0" AFF	GL-2	-

WINDOW SCHEDULE REMARKS

NO.	
1	MATCH EXISTING UPPER WINDOW BAND HEI
2	
3	

GLAZING TYPE SCHEDULE

MARK	DESCRIPTION
GL-1	1" DOUBLE PANE, LOW-E, CLEAR
GL-2	1' DOUBLE PANE, LOW-E, CLEAR, SAFETY TEMPERED
GL-3	1" DOUBLE PANE, LOW-E, SPANDREL, COLOR: BLACK
GL-4	1/2" SINGLE PANE, CLEAR, SAFETY TEMPERED
GL-5	1/2" SINGLE PANE, ONE-WAY MIRROR, SAFETY TEMPERED, REFLECTIVE SURFACE ON SIDE



WINDOW ELEVATIONS 1/4" = 1'-0"

DOOR SCHEDULE REMARKS

REMARK

WINDOW SCHEDULE.

REMARK EIGHT AND DIMENSIONS. FIELD VERIFY

N STORE ROOM

DOOR GENERAL NOTES:

- A. VERIFY DOOR SIZES FROM DOOR SCHEDULE. VERIFY ALL ROUGH OPENINGS WITH RESPECTIVE MANUFACTURERS.
- B. PROVIDE SAFETY GLAZING PER CODE IN ALL DOORS AND FRAMES.
- C. PROVIDE ACCESSIBLE HARDWARE INCLUDING BUT NOT LIMITED TO DOOR HANDLES, PULLS, LATCHES, LOCKS, OPERATING DEVICES AND THRESHOLDS AT ALL NEW DOORS, REFER TO SECTION 1010.1.9.1 IN 2015 IBC FOR CODE REQUIREMENTS.
- D. REINFORCE ALL DOORS FOR HARDWARE WITH OWNER FOR LOCATION AND REQUIREMENTS OF SPECIAL SECURITY DEVICES.
- E. PAINT HM DOORS AND FRAMES TO MATCH ADJACENT WALL UNLESS NOTED OTHERWISE.
- F. ALL INTERIOR WOOD DOORS TO BE SOLID CORE AND CLEAR STAINED UNLESS NOTED OTHERWISE.
- G. REFER TO SHEET A001 FOR DOOR CLEARANCE REQUIREMENTS.
- H. HARDWARE SCHEDULE IS FOR BASIS OF DESIGN ONLY, SUBJECT TO CHANGE. ANY CHANGES TO THE HARDWARE SCHEDULE OR HARDWARE SELECTION MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
- I. DOOR HARDWARE SCHEDULE QUANTITIES ARE PER DOOR AND DO NOT REPRESENT THE QUANTITY REQUIRED FOR ENTIRE PROJECT.

WINDOW GENERAL NOTES:

- A. VERIFY WINDOW SIZES FROM WINDOW SCHEDULE. VERIFY ALL ROUGH OPENINGS WITH RESPECTIVE MANUFACTURERS.
- B. PROVIDE SAFETY GLAZING PER CODE IN ALL WINDOWS AND FRAMES.
- C. PROVIDE ADA HARDWARE AT ALL NEW WINDOWS, REFER TO SECTION 1109.13 IN 2015 IBC FOR CODE REQUIREMENTS.





QUAM ENGINEERING, LLC

ISTHMUS ENGINEERING	BUILDING EXPANSION	4035 OWL CREEK DR. Madison, wi 53718
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PRELIMINARY A601











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4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558 Phone (608) 838-7750; Fax (608) 838-7752



City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506 Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 4035 Owl Creek Road, Madison, WI 53718

Contact Name & Phone #: Jeff Yarwood, 608-512-1106

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

 Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system? If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall? If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall? 	X Yes Yes X Yes	☐ No ☐ No ☐ No	□ N/A
 2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? a) Is the fire lane a minimum unobstructed width of at least 20-feet? b) Is the fire lane unobstructed with a vertical clearance of at least 13¹/₂-feet? c) Is the minimum inside turning radius of the fire lane at least 28-feet? d) Is the grade of the fire lane not more than a slope of 8%? e) Is the fire lane posted as fire lane? (Provide detail of signage.) f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.) g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.) 	 X Yes X Yes X Yes X Yes X Yes Yes Yes Yes 	□ No □ No □ No □ No □ No X No X No X No	□ N/A □ N/A □ N/A □ N/A □ N/A □ N/A □ N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:a) Is the gate a minimum of 20-feet clear opening?b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	Yes Yes Yes	X No No No	N/A X N/A X N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet? If yes, does the area for turning around fire apparatus comply with IFC D103?	x Yes x Yes	No No	N/A N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	Yes	X No	N/A
6. Is any part of the building greater than 30-feet above the grade plane?	Yes	x No	N/A
 6. Is any part of the building greater than 30-feet above the grade plane? If yes, answer the following questions: a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane? d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species) e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet? f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights? 	 Yes Yes Yes Yes Yes Yes Yes Yes 	 X No No No No No No No No 	N/A N/A N/A N/A N/A N/A N/A N/A
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Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on MGO 34.503 and IFC 2015 Edition Chapter 5 and Appendix D; please see the codes for further information.