ADDENDUM #1

ISSUE DATE: November 3, 2023

RE: SoHE Nancy Nicholas Hall Classroom 3235 Renovation

UNIVERSITY OF WISCONSIN - MADISON

UWSA Project No. A-23-002

BID OPENING: For MEP BIDDERS: 2:00 P.M., THURSDAY, NOVEMBER 16, 2023

(Note: Bid Opening Date is updated as a part of this Addenda)

For GENERAL PRIME CONTRACTORS: 2:00 PM, THURSDAY, NOVEMBER 30, 2023

(Note: Bid Opening Date is updated as a part of this Addenda)

FROM: Hammel, Green and Abrahamson, Inc. Architects and Engineers

333 East Erie Street Milwaukee, WI 53202

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Contract Documents dated **October 5, 2023** as noted below. Acknowledge receipt of this Addendum by inserting the number and issue date of this addendum in the blank space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 15 pages. This text document of two (2) pages and attached <u>13</u> for the total of 15 pages.

PREBID QUESTIONS AND ANSWERS:

- 1. Question was asked regarding material equivalent for FELT 1: Material to be considered Acoufelt Custom Felt Baffle.
 - Response: Equivalent for FELT 1 would be considered based on Color match specified, cost, and warranty.
- 2. Question was asked: The door schedule lists wood doors for these openings, the details suggest that they're aluminum doors and frames and also steel frames. Could you please clarify what material is needed for the doors and frames at opening 3235A and B?
 - Response: Doors 3235 A and B are wood doors with aluminum storefront frame. Refer to addenda on sheet 700 and 720.
- 3. Question was asked about Sheet T000 General Note A. Says DIVISION 27 WORK AND DIVISION 28 ELECTRONIC SECURITY WORK IS <u>BY OWNER OR THEIR VENDOR.</u>
 - Response: Refer to T000 of ADD-1
- 4. This specification leaves out a lot of structured cabling and access control that is noted to be by the owner on sheet T000.

Response: Refer to SYMBOLS-TECHONOGY ROUCH-IN of sheet T000 ADD-1 for response.

CHANGES TO INVITATION TO BID GPC:

- 1. On page A-1
 - a. Line 12 Bid Open Date amended to November 30, 2023

CHANGES TO INVITATION TO BID MEP:

- 1. On page A-1
 - a. Line 11 Bid Open Date amended to November 16, 2023

CHANGES TO BID FORM GPC:

- 1. On page C-1
 - a. Line 12 Bid Opening Date amended to November 30, 2023
 - b. Line 30 Contract Document Date amended to October 5, 2023

CHANGES TO BID FORM MEP

- 1. On page C-1
 - a. Line 12 Bid Opening Date amended to November 16,2023
 - b. Line 30 Contract Document Date amended to October 5, 2023

CHANGES TO SPECIFICATIONS (DIVISIONS 2 THRU 28):

1. NONE in this Addendum

CHANGES/ADDITIONS TO DRAWINGS:

- 1. Sheet A700 Change to Door Schedule and following details: 5/A700; 6/A700; 7A700; see attached drawing.
- 2. Sheet A720 -Change to following details: 2/A720; 7/A720; see attached drawing.
- 3. Sheet T000 Change to PATHWAYS AND CABLE ROUTING GENERAL NOTE: NOTE A; Change to SYMBOLS-TECHNOLOGY ROUGH-IN; see attached drawing.

END OF ADDENDUM

Hammel, Green and Abrahamson, Inc. Architects and Engineers 333 East Erie Street Milwaukee, WI 53202

For the Board of Regents of the University of Wisconsin On Behalf of the University of Wisconsin – Madison 1860 Van Hise Hall, 1220 Linden Drive Madison, Wisconsin 53703 THE BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

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MADISON, WISCONSIN

BID OPENING for MEP BIDDERS: 2:00 P.M., November 16, 2023.

BID OPENING for GENERAL PRIME CONTRACTOR BIDDERS: 2:00 P.M., November 30, 2023

OWNER: The Board of Regents of the University of Wisconsin System on behalf of the University of Wisconsin - Madison, hereinafter termed the Owner.

NANCY NICOLAS HALL

CLASSROOM 3235 RENOVATION

UNIVERSITY OF WISCONSIN - MADISON

UW-Madison Project No. 0085-2322 / UWSA Project No. A-23-002

 NOTICE: All potential bidders must be certified by DOA <u>prior</u> to submitting bids on UW-Managed construction projects. All bids received from contractors who are not certified will be rejected. Contractor certification applications and instructions for completing the form may be obtained from the DOA Website UW Contractor Certification page: https://doa.wi.gov/Pages/DoingBusiness/ContractorCertification.aspx.

This project is being let using a single prime bidding and contracting process. the Owner will publicly bid the applicable mechanical, electrical, plumbing, and fire protection (MEP) divisions of work <u>first.</u> Within five (5) days of the MEP bid opening, the Owner will identify a lowest, qualified, responsible, certified bidder in each applicable MEP division of work. These successful MEP bids must be included in all general prime contractor bids received. The owner will enter into a single contract with the lowest, qualified, responsible, certified general prime contractor and this general prime contractor shall enter into subcontracts with the successful MEP bidders.

The University of Wisconsin System Administration (UWSA) will <u>ONLY</u> be accepting construction bidding documents as follows:

- PDF scanned file of all required bid documents, including bid and bid bond forms with an either original
 wet signatures or digital electronic signatures emailed to UWSA Bid Submissions at
 uwsabidsubmissions@uwsa.edu. If submitting documents with electronic signatures, further information
 and requirements are in the following bullets.
- Include Project Name, Project Number, Project Location, Category of Work being bid on, Bid Date, and the Name and Address of Bidder within email submission.
- For documents that require a seal, please darken these scans for better visibility.
- For bids including a cashier's/certified check, please scan front and back of check and include with submission.
- Bidders may submit PDFs of bonds and powers of attorney containing e-signatures, e-corporate seals, and e-notaries affixed to each document in accordance with the Surety's obligations. Telephone numbers are required for all electronic signatories for oral verification as needed. Wisconsin law permits the use of remote online notarization if it is performed using technology providers that have been approved by the Department of Financial Institutions (DFI). If a remote online notarization is used, it is the responsibility of the contractor and its Surety to ensure that the technology provider has been approved by DFI.

Bidders may submit bid forms containing electronic signatures, but those signatures must be obtained using approved software in order to be accepted. **DocuSign software and Adobe Digital Signature software are approved for esignatures** for submission of bids. Use of any other e-signature software will require additional verification and the bidder must obtain approval at least three (3) business days prior to submission of bids. Please contact Lindsay Woznick at (608) 265-6462 (lwoznick@uwsa.edu) first regarding any proposed electronic signature software.

UWSA will NO LONGER accept bids via third party delivery (UPS, FEDEX, or DHL) or bids being dropped off in person.

Bids must be submitted to the email address listed above (<u>uwsabidsubmissions@uwsa.edu</u>) by 1:30 p.m. CT on the day that the bid submission is due. Email PDF submissions will receive a confirmation reply from UWSA. If for any reason a reply is not received after a PDF bid is emailed, please contact Lindsay Woznick at (608) 265-6462 (lwoznick@uwsa.edu).

 Bidders are responsible for their bid being delivered by the time specified and delivery is entirely at the bidder's risk.

The bid opening will be conducted via Zoom with the information listed below. All bids will be opened at 2:00 p.m. CT on the scheduled date. All lines will be muted upon entry into the Zoom meeting.

Join Zoom Meeting https://wisconsin-edu.zoom.us/i/96119421731?pwd=eVF6VzM0Z2ZTalhqaCtpVGNLTnkzZz09&from=addon

Meeting ID: 961 1942 1731 Passcode: 820674 1 507 473 4847

In general, the work consists of the renovation of Room 3235 at Nancy Nicolas Hall on the 3rd floor on the Campus of the University of Wisconsin – Madison 1300 Linden Drive, Madison, WI 53706. The overall project is about 1,650 sf. The work includes demolition of existing ceiling, fume hoods, and selective casework, mechanical, electrical, and plumbing removal. New work includes new ceilings, walls, ceilings, paint finishes and new flooring. Mechanical, fire protection and electrical systems to be modified as indicated.

Bidding documents (drawings, specifications, and addenda) may be obtained only as electronic files (in PDF format): as a downloadable file from the University of Wisconsin System Administration's Design and Construction Opportunities website (see website address below). Bidding documents may also be seen at various Builders' Exchanges that have downloaded the documents. Additional project bidding information, including plan holders lists are available on the University of Wisconsin System public website: https://www.wisconsin.edu/procurement/construction/. After opening the web page, select the Nancy Nicolas Hall Room 3235 Renovation project.

CLASS 1 NOTICE:

Notice is hereby given in accordance with Section 16.855(10), Wisconsin Statutes, that the Division believes it is in the best interests of the State to contract the following work from only one source, without the usual statutory procedures:

- 28 10 00: Access Control System
- 28 31 00: Fire Detection and Alarm

Base Bid will be received for: A single lump sum bid for All Work.

Bid Guarantee in the amount of 10% of the Bid must accompany each bid submitted. Contractor MUST submit hard copies of bid to UWSA within 10 working days of being notified of award.

Contract offer and construction phase records will be processed via email.

A pre-bid tour will be conducted at the site October 24, 2023 beginning at 1:00PM. Participants should meet in the lobby of Nancy Nicolas Hall located at 1300 Linden Drive Madison, WI. All bidders are highly encouraged to attend this Pre-bid Conference / Building Tour and no separate tours will be conducted. The contact person is Kevin Allebach at HGA, Inc., 333 East Erie Street, Milwaukee, WI. Architect's Phone: 414-520-6513.

Any other questions related to this project can be sent via email to the Procurement contact Lindsay Woznick at (608) 265-6462 (lwoznick@uwsa.edu).

BID FORM - GENERAL PRIME CONTRACTOR (GPC) (Rev 11/2022) THE BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM 3 s.16.855 Wis. Stats. NANCY NICOLAS HALL **CLASSROOM 3235 RENOVATION UNIVERSITY OF WISCONSIN - MADISON** MADISON, WISCONSIN UW-Madison Project No. 0085-2322 / UWSA Project No. A-23-002 General Prime Contractor (GPC) Bid Opening: 2:00 P.M., November 30, 2023. 14 15 To: University of Wisconsin System Administration (UWSA) 16 17

hereby agree to execute a contract with the Board of Regents of the University of Wisconsin System (the Owner) and a subcontract with all successful MEP Bidders identified by the Owner and listed in this bid, and to furnish satisfactory separate 100% Performance Bond and 100% Payment Bond in the amount specified no later than ten (10) days of the contract offer, and to provide all labor and material required for the construction of the project designated above, for the prices hereinafter set forth, in strict accordance with the Contract Documents prepared by HGA Inc., 333 East Erie Street, Milwaukee, Wisconsin, 53202 for the Owner and dated October 5, 2023.

(a joint venture)

(a corporation) (a partnership)

(an individual)

(Cross out inapplicable)

State

Zip

Contact Instructions:

Street

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Of

(For use by Owner to offer contract to the successful bidders)

City

Contact name:	
Title:	
Telephone Number:	
Email address:	

44IMPORTANT: BEFORE SUBMITTING YOUR BID, PLEASE VERIFY THAT:

- You have been certified by DOA as a qualified and responsible bidder for the amount of your bid within the 46 division(s) of work being bid.
- 472. You have entered all Bid amounts in numeric characters (Example: \$9,999);
- 483. You have acknowledged receipt of all addenda;
- You have signed the Bid Form 49**4**.
- You have included a valid Bid Guarantee for not less than 10% of the value of the bid as either: 50**5**.
 - a) a Bid Bond signed by the contractor and surety and with a Power of Attorney attached, or
 - b) a Cashier's Check or Bank Check pursuant to Wis stats. s. 779.14(1m)(c)2.b. and 779.14(1s). A Company or Personal Check will not be accepted.

SINGLE BASI	BID - GENERAL PRIME CONTRACTOR
ALL WORK	
BASE BID NO	ALL WORK required to fully complete the project in accordance with the Contract Documents,
for the sum of	(\$) bunt in numeric characters only (Example: \$9,999). See Instructions to Bidders 'Article 16 Submi
	bunt in numeric characters only (Example: \$9,999). See Instructions to Bidders 'Article 16 Submi or detailed instructions.
Base Bid No.	1 includes the bids from the following successful MEP Subcontractors identified by UWSA fo
	electrical, plumbing, and fire protection divisions of work in this project. The General F
	all enter into subcontracts with these MEP Subcontractors:
Fire Suppress	ion Base Bid No. 2: NA
Plumbing Bas	
	Identified Subcontractor:
	Amount:
	Amount.
Heating Venti	lating and Air Conditioning Base Bid No. 4:
riouting voice	Identified Subcontractor:
	Amount:
Electrical Bas	
	Identified Subcontractor:
	A
	Amount:
Audio Vieual	Base Bid No. 6:
Audio Visuai	Identified Subcontractor:
	identified outsoridation.
	Amount:
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	knowledge receipt of the follow	ing Addenda:
Adden	dum No	Date
Addend	dum No	Date
Addend	dum No	Date
Adden	dum No	Date
	TO SIGNING, BIDDERS' ATT BILITY OF INVALIDATING TH	ENTION IS DIRECTED TO INSTRUCTIONS TO BIDDERS TO AVOID THIS BID.
BY SIG	SNING THIS BID FORM, THE	BIDDER ATTESTS TO PERSONAL KNOWLEDGE OF THE FOLLOWING
1.	Bidder is <u>certified</u> by DOA a division(s) of work being bid	s a qualified and responsible bidder for the amount of the bid submitted, wi
2.		its. 16.855 (13) and (14) and ARTICLE 21 of these Bidding Documents, Bi
	9	ontract with the successful MEP Subcontractors identified by the Owner.
3.	Bidder has examined the d forms in detail before subm directly or indirectly, entere	rawings and specifications, carefully prepared the bid form, and has revietting bid; and bidder, or the agents, officers, or employees thereof, have noted into any agreement, bid rigging, bid rotation, participated in any collustin restraint of free competitive bidding in connection with this bid.
3.4.	Bidder has examined the d forms in detail before subm directly or indirectly, entered otherwise taken any action. That all work will be perfor necessary materials, labor	rawings and specifications, carefully prepared the bid form, and has revietting bid; and bidder, or the agents, officers, or employees thereof, have noted into any agreement, bid rigging, bid rotation, participated in any collustin restraint of free competitive bidding in connection with this bid. med at the Bidder's own proper cost and expense, that the Bidder will fur
	Bidder has examined the d forms in detail before subm directly or indirectly, entered otherwise taken any action. That all work will be perfor necessary materials, labor	rawings and specifications, carefully prepared the bid form, and has revietting bid; and bidder, or the agents, officers, or employees thereof, have noted into any agreement, bid rigging, bid rotation, participated in any collustin restraint of free competitive bidding in connection with this bid. The didder's own proper cost and expense, that the Bidder will further tools, machinery, apparatus, and other means of construction in the
	Bidder has examined the d forms in detail before subm directly or indirectly, entered otherwise taken any action. That all work will be perfor necessary materials, labor	rawings and specifications, carefully prepared the bid form, and has revietting bid; and bidder, or the agents, officers, or employees thereof, have noted into any agreement, bid rigging, bid rotation, participated in any collustin restraint of free competitive bidding in connection with this bid. The didder's own proper cost and expense, that the Bidder will further tools, machinery, apparatus, and other means of construction in the
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	Bidder has examined the d forms in detail before subm directly or indirectly, entered otherwise taken any action. That all work will be perfor necessary materials, labor	rawings and specifications, carefully prepared the bid form, and has revietting bid; and bidder, or the agents, officers, or employees thereof, have noted into any agreement, bid rigging, bid rotation, participated in any collustin restraint of free competitive bidding in connection with this bid. med at the Bidder's own proper cost and expense, that the Bidder will fur, tools, machinery, apparatus, and other means of construction in the expecifications, and at the time stated in the contract. (Firm Name)

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business by the Wisconsin Supplier Diversity Program and wishes to be considered for the 5% bidder preference.

MEP INVITATION TO BID (Rev 11/2022)

THE BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

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UW-Madison Project No. 0085-2322 / UWSA Project No. A-23-002

NANCY NICOLAS HALL

CLASSROOM 3235 RENOVATION

UNIVERSITY OF WISCONSIN - MADISON

MADISON. WISCONSIN

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BID OPENING for MEP BIDDERS: 2:00 P.M., November 16, 2023.

BID OPENING for GENERAL PRIME CONTRACTOR BIDDERS: 2:00 P.M., November 30, 2023

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OWNER: The Board of Regents of the University of Wisconsin on behalf of the University of Wisconsin - Madison, hereinafter termed the Owner.

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This project is being let using a single prime bidding and contracting process. the Owner will publicly bid the applicable mechanical, electrical, plumbing, and fire protection (MEP) divisions of work first. Within five (5) days of the MEP bid opening, the Owner will identify a lowest, qualified, responsible, certified bidder in each applicable MEP division of work. These successful MEP bids must be included in all general prime contractor bids received. No later than five (5) days after the Owner identifies the successful MEP bids, the Owner will publicly open general prime contractor bids. General prime contractor bids that do not include the successful MEP bids will be rejected. The owner will enter into a single contract with the lowest, qualified, responsible, certified general prime contractor and this general prime contractor shall enter into subcontracts with the successful MEP bidders.

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The University of Wisconsin System Administration (UWSA) will ONLY be accepting construction bidding documents as follows:

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- PDF scanned file of all required bid documents, including bid and bid bond forms with an either original wet signatures or digital electronic signatures emailed to UWSA Bid Submissions at uwsabidsubmissions@uwsa.edu. If submitting documents with electronic signatures, further information and requirements are in the following bullets.
- Include Project Name, Project Number, Project Location, Category of Work being bid on, Bid Date, and the Name and Address of Bidder within email submission.
- For documents that require a seal, please darken these scans for better visibility.
- For bids including a cashier's/certified check, please scan front and back of check and include with submission.
- Bidders may submit PDFs of bonds and powers of attorney containing e-signatures, e-corporate seals, and enotaries affixed to each document in accordance with the Surety's obligations. Telephone numbers are required for all electronic signatories for oral verification as needed. Wisconsin law permits the use of remote online notarization if it is performed using technology providers that have been approved by the Department of Financial Institutions (DFI). If a remote online notarization is used, it is the responsibility of the contractor and its Surety to ensure that the technology provider has been approved by DFI.
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UWSA will NO LONGER accept bids via third party delivery (UPS, FEDEX, or DHL) or bids being dropped off in person at 780 Regent Street.

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- Bids must be submitted to the email address listed above (uwsabidsubmissions@uwsa.edu) by 1:30 p.m. CT on the day that the bid submission is due. Email PDF submissions will receive a confirmation reply from UWSA. If for any reason a reply is not received after a PDF bid is emailed, please contact Lindsay Woznick at (608) 265-6462 (Iwoznick@uwsa.edu).
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Bidders are responsible for their bid being delivered by the time specified and delivery is entirely at the bidder's risk.

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The bid opening will be conducted via Zoom with the information listed below. All bids will be opened at 2:00 p.m. CT on the scheduled date. All lines will be muted upon entry into the Zoom meeting.

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Join Zoom Meeting

https://wisconsin-edu.zoom.us/i/96119421731?pwd=eVF6VzM0Z2ZTalhqaCtpVGNLTnkzZz09&from=addon

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Meeting ID: 961 1942 1731 Passcode: 820674

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In general, the work consists of the renovation of Room 3235 at Nancy Nicolas Hall on the 3rd floor on the Campus of the University of Wisconsin – Madison 1300 Linden Drive, Madison, WI 53706. The overall project is about 1,650 sf. The work includes demolition of existing ceiling, fume hoods, and selective casework, mechanical, electrical, and plumbing removal. New work includes new ceilings, walls, ceilings, paint finishes and new flooring. Mechanical, fire protection and electrical systems to be modified as indicated.

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CLASS 1 NOTICE:

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Notice is hereby given in accordance with Section 16.855(10), Wisconsin Statutes, that the Division believes it is in the best interests of the State to contract the following work from only one source, without the usual statutory procedures:

- 28 10 00: Access Control System
- 28 31 00: Fire Detection and Alarm

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Base Bid will be received as a single lump sum bid for: 3) Plumbing; 4) Mechanical (Heating, Ventilating, Air Conditioning); and 5) Electrical.

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Bid Guarantee in the amount of 10% of the Bid must accompany each bid submitted. Contractor MUST submit hard copies of bid to UWSA within 10 working days of being notified of award.

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A pre-bid tour will be conducted at the site October 24, 2023 beginning at 1:00PM. Participants should meet in the lobby of Nancy Nicolas Hall located at 1300 Linden Drive Madison, WI. All bidders are highly encouraged to attend this Pre-bid Conference / Building Tour and no separate tours will be conducted. The contact person is Kevin Allebach at HGA, Inc., 333 East Erie Street, Milwaukee, Wl. Architect's Phone: 414-520-6513.

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Any other questions related to this project can be sent via email to the Procurement contact Lindsay Woznick at (608) 265-6462 (lwoznick@uwsa.edu)...

BID FORM – MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION (MEP) (Rev 11/2022)

THE BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM s.16.855 Wis. Stats.

NANCY NICOLAS HALL CLASSROOM 3235 RENOVATION UNIVERSITY OF WISCONSIN - MADISON MADISON, WISCONSIN

UW-Madison Project No. 0085-2322 / UWSA Project No. A-23-002

	Mechanical, Electrical, Plumbin	g, and Fire Protection	(MEP) Bid Opening	g: 2:00 P.M., Nov	ember 16, 2023.
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To: University	of Wisconsin S	System Administra	n (UWSA)		
·		•	,		(a joint venture) (a corporation) (a partnership)
We				((an individual) Cross out inapplicable)
Of	Street	City	State	Zip	

hereby agree to execute a subcontract with the General Prime Contractor awarded the contract for the project designated above and to furnish satisfactory separate 100% Performance Bond and 100% Payment Bond in the amount specified no later than ten (10) days after execution of the subcontract with the General Prime Contractor, and to provide all labor and material required for the construction of the project designated above, for the prices hereinafter set forth, in strict accordance with the Bidding Documents prepared by **HGA Inc.**, 333 East Erie Street, Milwaukee, Wisconsin, 53202 for the Owner and dated October 5, 2023.

(For use by General Prime Contractor to offer subcontract to the successful MEP bidders identified through UWSA)

Contact name:		
Telephone Number:		
Email address:	 	
FAX Number		

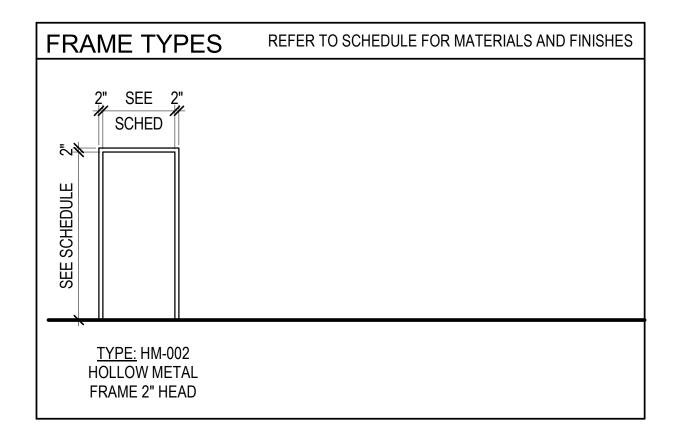
IMPORTANT: BEFORE SUBMITTING YOUR BID. PLEASE VERIFY THAT:

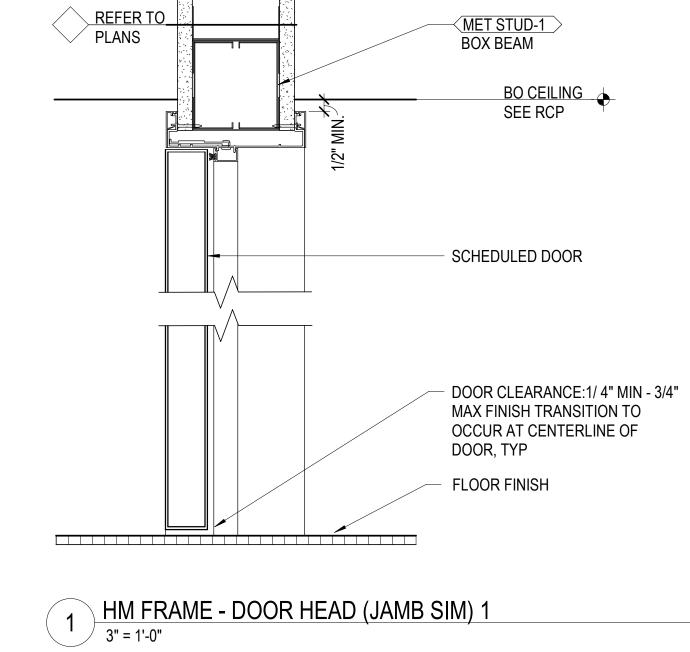
- 1. You have been **certified by DOA** as a **qualified and responsible bidder** for the amount of your bid within the division(s) of work being bid.
- 2. You have entered all Bid amounts in numeric characters (Example: \$9,999);
- 3. You have acknowledged receipt of all addenda;
- 4. You have signed the Bid Form
- 5. You have **included a valid Bid Guarantee** for not less than 10% of the value of the bid as either:
 - a) a Bid Bond signed by the contractor and surety, with a Power of Attorney attached, or
 - b) a Cashier's Check or Bank Check pursuant to Wis. Stat. s. 779.14(1m)(c)2.b. and 779.14(1s). A Company or Personal Check will not be accepted.

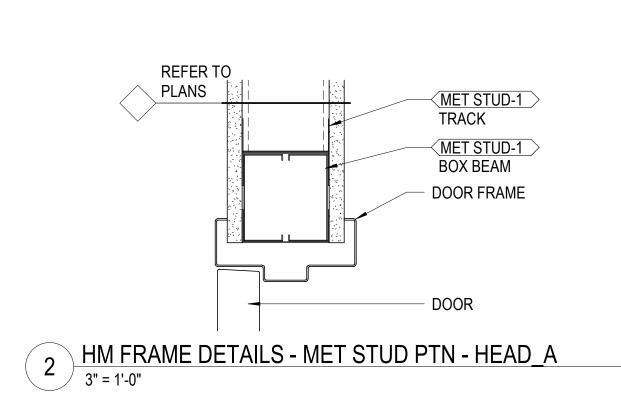
FIRE SUPPRESSION	<u>4</u>
BASE BID NO. 2 Fire	e Suppression Work fully complete as per Bidding Documents: NA
<u>PLUMBING</u>	
BASE BID NO. 3 Plu	umbing Work fully complete as per Bidding Documents, for the sum of
(\$)
Enter bid a 16 Submiss) amount in numeric characters only (Example: \$9,999). See MEP Instructions to Bidders 'Artic sion of Base Bids' for detailed instructions.
HEATING, VENTILA	TING AND AIR CONDITIONING
BASE BID NO. 4 He	eating, Ventilating, Air Conditioning Work fully complete as per Bidding Documents, for the sum
(\$	
Enter bid a 16 Submiss	amount in numeric characters only (Example: \$9,999). See MEP Instructions to Bidders 'Artic sion of Base Bids' for detailed instructions.
<u>ELECTRICAL</u>	
	
BASE BID NO. 5 Ele	ectrical Work fully complete as per Bidding Documents for the sum of
(\$	
Enter bid a	amount in numeric characters only (Example: \$9,999). See MEP Instructions to Bidders 'Artic
16 Submiss	sion of Base Bids' for detailed instructions.
AUDIO VISUAL	
TODIO VICONE	
BASE BID NO. 6 Aud	dio Visual Work fully complete as per Bidding Documents for the sum of
(\$	
(\$	amount in numeric characters only (Example: \$9,999). See MEP Instructions to Bidders 'Artic
	sion of Base Bids' for detailed instructions.
COMBINED BASE B	<u>IDS OPTION</u>
BASE BID NO	for(Division of Work),
BASE BID NO.	for(Division of Work) and
BASE BID NO.	for(Division of Work) and
BASE BID NO.	for(Division of Work) Work fully complete as per specifications and related
drawings, for the sum	n of
(\$) amount in numeric characters only (Example: \$9,999). See MEP Instructions to Bidders 'Artic
16 Submiss	sion of Base Bids' for detailed instructions.

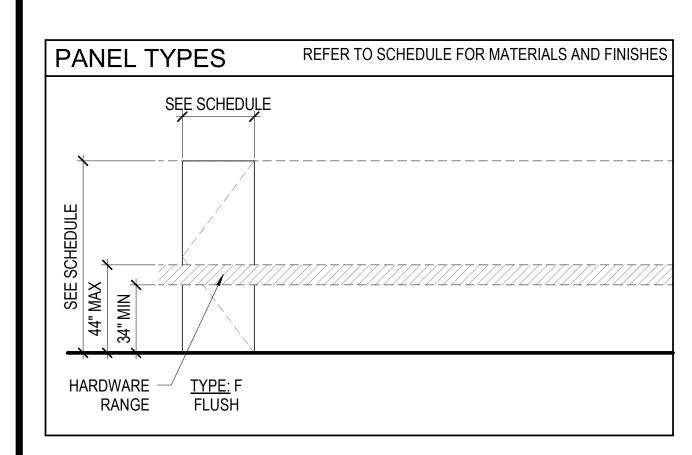
We ad	NDUM RECEIPT cknowledge receipt of the following the follo	owing Addenda:
Adder	ndum No	Date
	R TO SIGNING, BIDDERS'. POSSIBILITY OF INVALIDA	ATTENTION IS DIRECTED TO MEP INSTRUCTIONS TO BIDDERS TO AVOID THIS BID.
BY SI	GNING THIS BID FORM, TI	IE BIDDER ATTESTS TO PERSONAL KNOWLEDGE OF THE FOLLOWING:
1.	Bidder is <u>certified</u> by DC division(s) of work being	A as a qualified and responsible bidder for the amount of the bid submitted, with bid.
2.		to a subcontract with the General Prime Contractor in accordance with Wis. Site 9 of these Bidding Documents.
3.	forms in detail before su directly or indirectly, en	e drawings and specifications, carefully prepared the bid form, and has review omitting bid; and bidder, or the agents, officers, or employees thereof, have not, ered into any agreement, bid rigging, bid rotation, participated in any collus on in restraint of free competitive bidding in connection with this bid.
	necessary materials, la	formed at the Bidder's own proper cost and expense, that the Bidder will furroor, tools, machinery, apparatus, and other means of construction in the means of co
4.	provided in the applicat Proceed.	
4.		(Firm Name)
		(Firm Name) (Bidder's Printed Name)

					DOC	R AN	D FRAN	ME SCH	EDULE						
			IDENTIFICATION			P	ANEL					FRAME			
REV#	CURRENT REVISION	DOOR NUMBER	ROOM NAME	COUNT & WIDTH	HEIGH		TYPE A PANEL B	FINISH	GLAZING TYPE	TYPE	SIDELIGHT WIDTH	TRANSOM HEIGHT	FINISH	GLAZING TYPE	HDW RATING GROUP NOTES
LEVEL (NOMBLIX	ROOMINAME	COOM & WIDTH	TILIOTI	I I ANLL	A I ANLL D	TIMOTI	1111 =	111 =	WIDTH	TILIOTTI	TINIOTT	1111	TVATINO ONOOI NOTEO
		3235A	SoHE ACTIVE LEARNING CLASSROOM	(1) 3' - 0"	7' - 6"	WD-F		WD-1	GL-1T		0' - 0"	0' - 0"			211.01
		3235B	SoHE ACTIVE LEARNING CLASSROOM	(1) 3' - 0"	7' - 6"	WD-F		WD-1	GL-1T		0' - 0"	0' - 0"			211.01
		3235C	SoHE ACTIVE LEARNING CLASSROOM	(1) 2' - 6"	7' - 0"	WD-F		WD-1		HM-002	0' - 0"	0' - 0"	PT		13
		3235D	SoHE ACTIVE LEARNING CLASSROOM	(1) 2' - 6"	7' - 0"	WD-F		WD-1		HM-002	0' - 0"	0' - 0"	PT		14

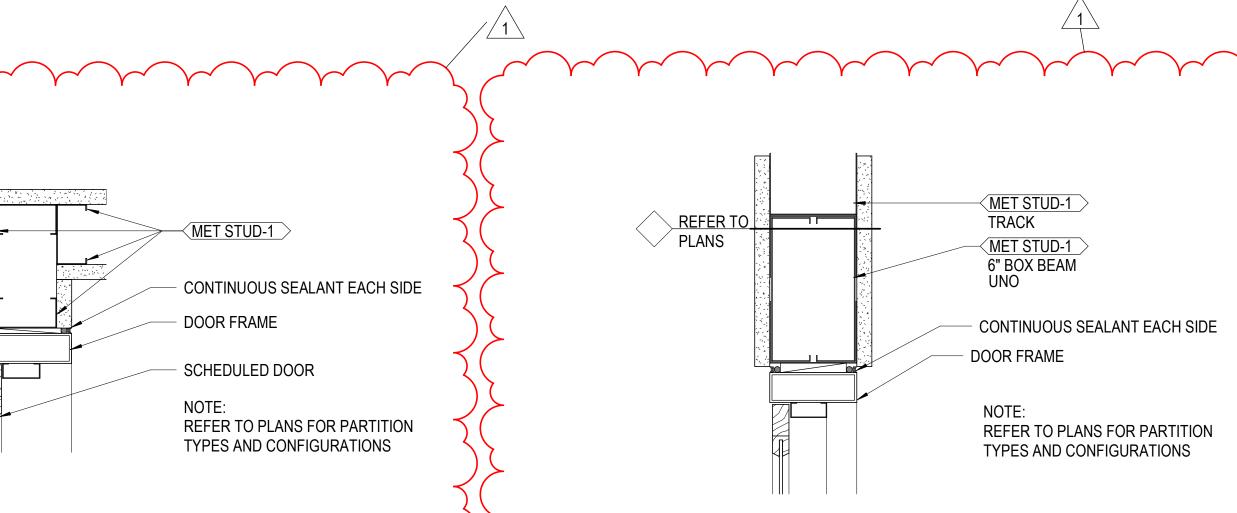




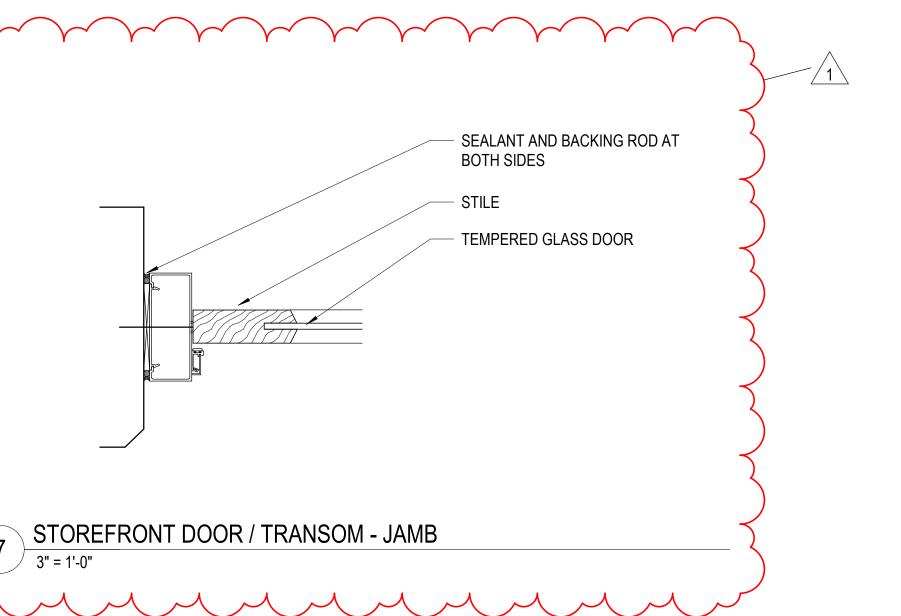




NTERIOR STOREFRONT DOOR FRAME DETAILS JAMB



INTERIOR STOREFRONT DOOR FRAME DETAILS HEAD



A. NOT ALL DOOR AND FRAME TYPES SHOWN HERE MAY BE USED IN THIS PROJECT.

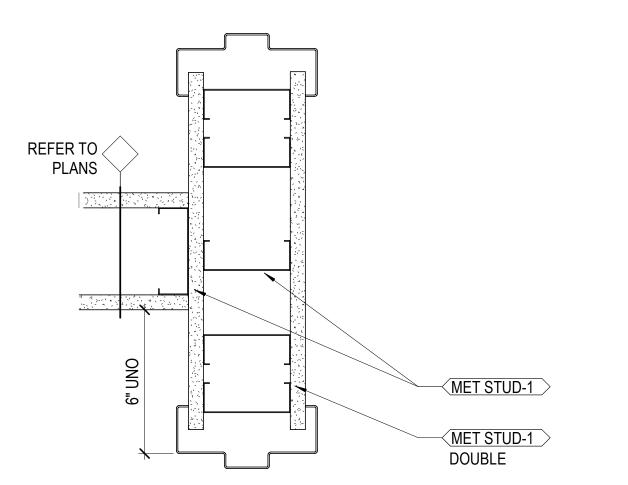
B. REFER TO DOOR AND FRAME SCHEDULE, SEE DOOR ELEVATIONS AND DETAILS FOR FRAME TYPE, FRAME WIDTH AND RELATED DOOR GLAZING INFORMATION.

C. PROVIDE TEMPERED GLASS AT LOCATIONS INDICATED AND AS REQUIRED TO COMPLY WITH APPLICABLE CODES.

D. REFER TO PLANS FOR INTERIOR PARTITION TYPES AND EXTERIOR WALL TYPES.

E. REFER TO DOOR AND FRAME SCHEDULE FOR FRAME WIDTHS AND FOR DOOR INFORMATION.

3 DOOR AND FRAME GENERAL NOTES
1'-0"=1'=0"



4 DOOR FRAME DISTANCE FROM WALL
3" = 1'-0"

333 East Erie Street

Milwaukee, Wisconsin 53202 Telephone 414.278.8200

STRUCTURAL ENGINEER

MECHANICAL/ELECTRICAL/ PLUMBING ENGINEER

INTERIOR ARCHITECT

UNIVERSITY OF WISCONSIN -**MADISON** SCHOOL OF **HUMAN ECOLOGY**

1300 LINDEN DR. MADISON, WI 53706

> SoHE ACTIVE LEARNING CLASSROOM

UW SYSTEM NO: A-23-002 **UW MADISON NO:** 0085-2322



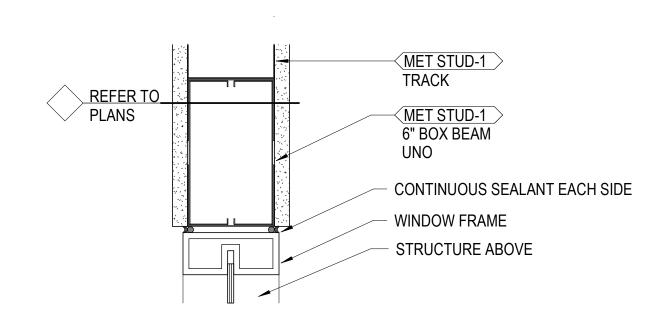


\triangle NO	DESCRIPTION	DATE
1	ADD 1	11-03-2023
-		
-		
l	ISSUANCE HISTORY - THIS	SHEET

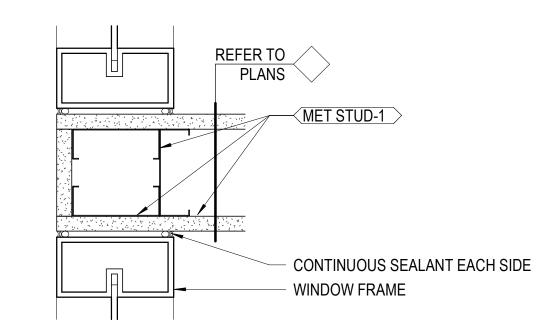
DOOR AND FRAME TYPES

DATE: OCTOBER 05, 2023 95% CONSTRUCTION DOCUMENTS

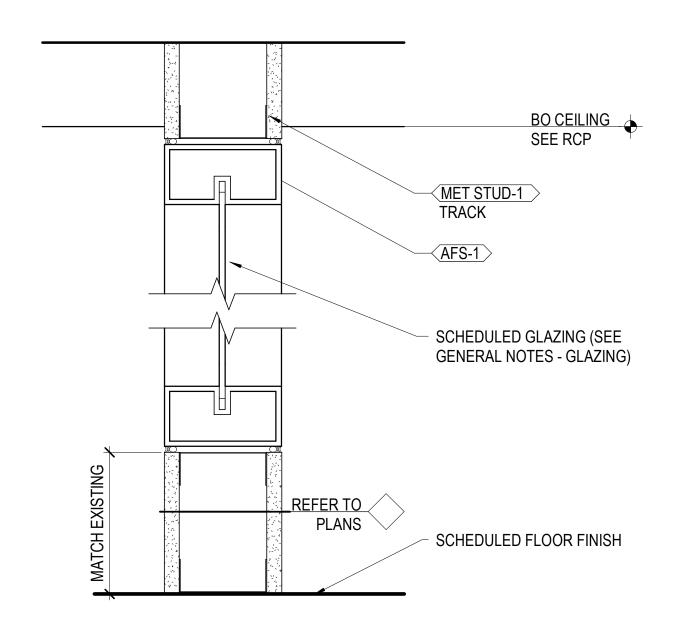
©OPYRIGHT HAMMEL, GREEN AND ABRAHAMSON, INC.



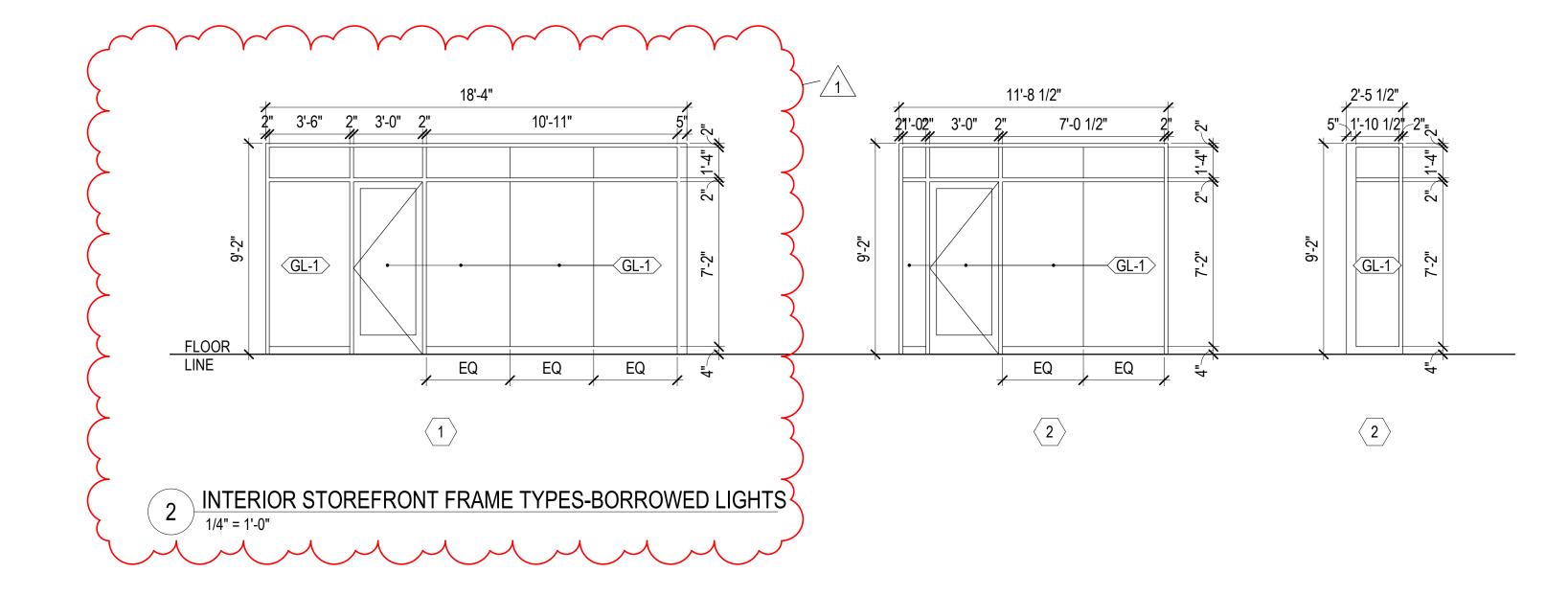
1 INTERIOR STOREFRONT WINDOW FRAME DETAILS HEAD
3" = 1'-0"

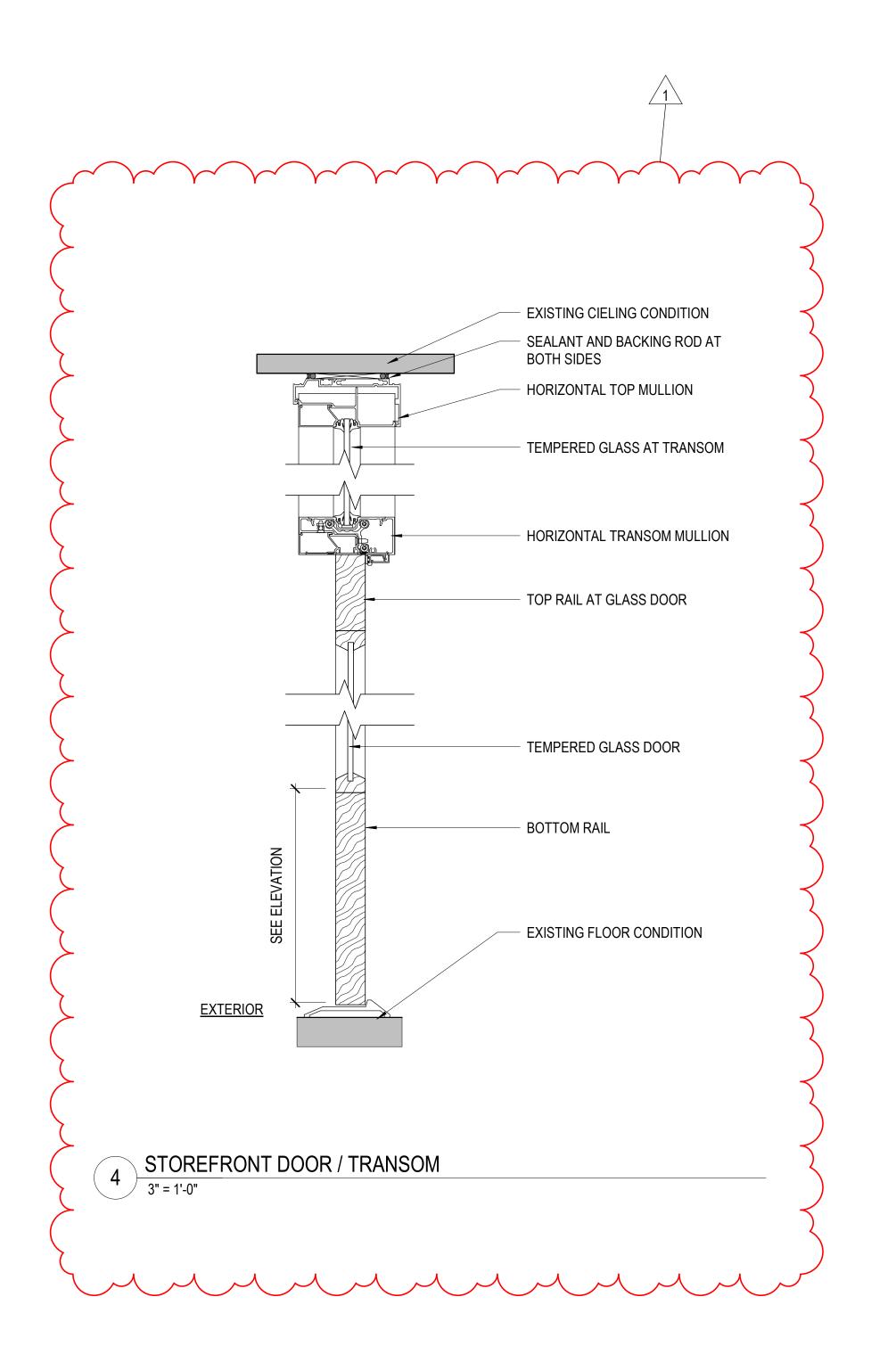


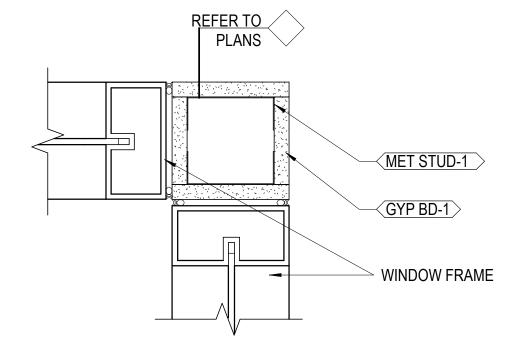
3 INTERIOR STOREFRONT WINDOW FRAME DETAILS JAMB
3" = 1'-0"



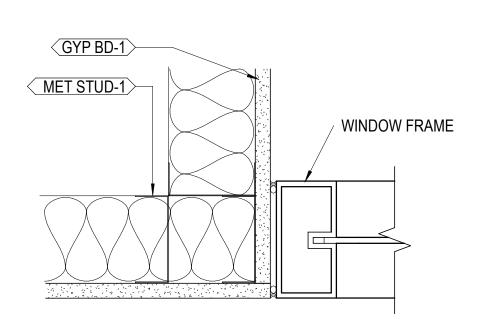
ALUMINUM FRAME WINDOW







5 ALUMINUM WINDOW FRAME TYPICAL JAMB DETAIL
3" = 1'-0"



8 ALUMINUM WINDOW FRAME TYPICAL JAMB DETAIL 2
3" = 1'-0"



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UW SYSTEM NO: A-23-002 UW MADISON NO: 0085-2322





NO DESCRIPTION DATE

1 ADD 1 11-03-2023

WINDOW TYPES AND DETAILS

DATE: OCTOBER 05, 2023

95% CONSTRUCTION DOCUMENTS

PATHWAYS & CABLE ROUTING SYMBOLS

CONDUIT SLEEVE(S) THROUGH WALL (#) D" C (#) IS QUANTITY, D" IS NOMINAL DIAMETER FIRE-RATED PATHWAY DEVICE (#) IS QUANTITY, D" IS NOMINAL DIAMETER XX IS TYPE PER TABLE ON THIS SHEET

CABLE TRAY - WIRE MESH (UNO) H" X W"

PATHWAYS & CABLE ROUTING GENERAL NOTES:

SIZE IN INCHES (HEIGHT, WIDTH)

A. DIVISION 27 WORK AND DIVISION 28 ELECTRONIC SECURITY WORK IS BY OWNER OR THEIR VENDOR. COORDINATE FINAL PATHWAY AND BACKBOX LOCATIONS AND REQUIREMENTS WITH OWNER PRIOR TO ROUGH IN

- B. WIRE MESH CABLE TRAY, CONDUIT PATHWAYS, FIRESTOPPING, PULLBOXES, OUTLET BACKBOXES, JUNCTION BOXES, FLOORBOXES, POKE-THRU DEVICES, FLAT PANEL DISPLAY BACKBOXES, AND OTHER SPECIALTY BOXES SHALL BE PROVIDED PER SECTION 260534 RACEWAYS AND BOXES FOR TECHNOLOGY SYSTEMS AND SHALL BE IN COMPLIANCE WITH TIA-569-E TELECOMMUNICATIONS PATHWAYS AND SPACES STANDARD.
 - C. EXTEND CONDUIT FROM DEVICES AND OUTLETS FROM BACKBOX TO NEAREST ACCESSIBLE CEILING SPACE TOWARDS THE SERVING TELECOM ROOM, UNLESS OTHERWISE NOTED OR INDICATED.
 - D. CONDUIT BEND RADIUS: MINIMUM BEND RADIUS OF CONDUITS 2-INCHES IN DIAMETER AND LESS SHALL BE 6 TIMES THE INTERNAL DIAMETER; MINIMUM BEND RADIUS OF CONDUITS GREATER THAN 2-INCHES IN DIAMETER SHALL BE 10 TIMES THE INTERNAL DIAMETER.
 - E. PROVIDE ACCESSIBLE PULLBOX BETWEEN EVERY 180 DEGREES OF CONDUIT BENDS AND FOR LONG STRETCHES OF CONDUIT EVERY 100 FEET. SIZE PULLBOXES PER TABLE ON THIS LEGEND. FOR PULLBOXES ABOVE INACCESSIBLE CEILINGS, PROVIDE CEILING ACCESS PANEL; COORDINATE LOCATION WITH OTHER TRADES AND CONFIRM LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
 - F. CONDUIT TERMINATIONS: EXTEND CONDUITS 3-INCHES THROUGH WALL OR FLOOR AND PROVIDE INSULATED BUSHING ON THE END.
 - G. INSTALL NYLON PULLSTRING THROUGH EACH CONDUIT WITH 3-FEET OF SLACK AT EACH END.
 - H. OUTLETS FOR ELEVATORS AND FIRE ALARM CONTROL PANELS SHALL HAVE CONTINUOUS CONDUIT FROM THE OUTLET TO THE SERVING TELECOM ROOM.
 - I. MAINTAIN FIRE RATING WHERE RACEWAYS, CABLING, DEVICES, ETC. PENETRATE A FIRE RATED STRUCTURE. REFER TO THE ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE RATED WALLS AND CEILINGS. PROVIDE UL LISTED FIRESTOPPING SYSTEM AT ALL PENETRATIONS AS REQUIRED; REFER TO SECTION 260534 RACEWAYS AND BOXES FOR TECHNOLOGY SYSTEMS FOR ADDITIONAL FIRESTOPPING REQUIREMENTS.
 - J. MOUNT EQUIPMENT AND DEVICES AT NOMINAL MOUNTING HEIGHT INDICATED IN SYMBOL SCHEDULE UNLESS NOTED OTHERWISE ON THE DRAWINGS OR DETAILED IN ARCHITECTURAL ELEVATIONS. DIMENSION SHOWN IS TO CENTER LINE OF BOX UNLESS OTHERWISE NOTED. SEE ARCHITECTURAL INTERIOR AND EXTERIOR ELEVATIONS FOR EXACT LOCATION OF WALL MOUNTED DEVICES.
 - K. DEVICES AND EQUIPMENT SHALL BE INSTALLED TO COMPLY WITH ADA STANDARDS FOR ACCESSIBLE DESIGN.
 - L. CEILING MOUNTED DEVICE LOCATIONS ARE SCHEMATIC; CONTRACTOR TO COORDINATE FINAL LOCATIONS WITH OWNER AND OTHER TRADES - REFER TO ARCHITECTURAL REFLECTED CEILING PLANS. WHERE PRACTICAL, ALIGN AND CENTER DEVICES WITH OTHER TRADES (SUCH AS LIGHT FIXTURES).
 - M. WALL MOUNTED DEVICES IN ADJACENT ROOMS THAT SHARE A WALL SHALL BE INSTALLED IN OFFSETTING STUD CAVITIES.

PULLBOX SIZING						
CONDUIT TRADE SIZE	WIDTH	LENGTH	DEPTH	WIDTH INCREASE FOR ADDITIONAL		
1"	4-11/16"	4-11/16"	2-1/8"	N/A		
1-1/2"	6"	20"	3"	3"		
1-1/4"	8"	28"	4"	4"		
2"	8"	36"	4"	5"		
2-1/2"	10"	42"	5"	6"		
3"	12"	48"	5"	6"		
4"	16"	60"	8"	6"		

FIRE-RATED PATHWAY DEVICE TYPE

2" EZ = SERIES 22 EZ PATH 3" EZ = SERIES 33 EZ PATH 4" EZ = SERIES 44 EZ PATH 3" NEZ = SERIES 33 SMOKE & ACOUSTIC EZ PATH 4" NEZ = SERIES 44 SMOKE & ACOUSTIC EZ PATH

A or AMP	AMPERE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
ALS	ASSISTIVE LISTENING SYSTEM
AP AUX	ACCESS POINT AUXILIARY
AUX AV	AUDIOVISUAL
AVB	AUDIO VIDEO BRIDGING (NETWORK STANDARDS)
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BDA	BIDIRECTIONAL AMPLIFIER
BMS	BUILDING MANAGEMENT SYSTEM
С	CONDUIT
CAM	CAMERA
CATV	CABLE TELEVISION
CLG	CEILING
DAS	DISTRIBUTED ANTENNA SYSTEM
dB	DECIBEL
DC	DIRECT CURRENT OR DOOR CONTACT
DIA	DIAMETER
DSP	DIGITAL SIGNAL PROCESSOR
EF ENAL	ENTRANCE FACILITY (MPOP)
EMI	ELECTROMAGNETIC INTERFERENCE
EMT	ELECTRICAL METALLIC TUBING
EOLR FACP	END OF LINE RESISTOR FIRE ALARM CONTROL PANEL
FACP FB	FLOOR BOX
FTP	FOIL TWISTED PAIR
HDBT	HDBaseT (AV TRANSMISSION)
HH	HANDHOLE
Hz	HERTZ
I/O	INPUT/OUTPUT
IDF	INTERMEDIATE DISTRIBUTION FRAME (TELECOM ROOM)
IMC	INTERMEDIATE METAL CONDUIT
IP	INTERNET PROTOCOL
IR	INFRARED
ISP	INTERNET SERVICE PROVIDER
kHz	KILOHERTZ
KVA	KILOVOLT-AMPERE
KW	KILOWATT
LAN	LOCAL AREA NETWORK
LED	LIGHT EMITTING DIODE
MDF	MAIN DISTRIBUTION FRAME (MAIN TR)
MH	MAINTENANCE HOLE
MM	MULTIMODE (FIBER)
NEC NEMA	NATIONAL ELECTRICAL CODE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION AGENCY
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFE	OWNER FURNISHED EQUIPMENT
OFOI	OWNER FURNISHED OWNER INSTALLED
OSP	OUTSIDE PLANT CABLE
PBB	PRIMARY BONDING BUSBAR (TMGB)
PIR	PASSIVE INFRARED
PoE	POWER OVER ETHERNET
POS	POINT OF SALE
POTS	PLAIN OLD TELEPHONE SYSTEM (ANALOG)
PR	PAIR
PSI DT7	POUNDS PER SQUARE INCH
PTZ	PAN TILT ZOOM
PVC	POLYVINYL CHLORIDE
REX RF	REQUEST TO EXIT RADIO FREQUENCY
RFID	RADIO FREQUENCY RADIO FREQUENCY IDENTIFICATION
RMC	RIGID METAL CONDUIT
RTLS	REAL TIME LOCATION SYSTEM
RU	RACK UNIT
RX	RECEIVE/RECEIVER
SBB	SECONDARY BONDING BUSBAR (TGB)
SM	SINGLE MODE (FIBER)
STP	SHIELDED TWISTED PAIR
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TELECOM	TELECOMMUNICATIONS
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TIA	TELECOMMUNICATIONS INDUSTRIES ASSOCIATION
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BACKBONE
TR	TELECOMMUNICATIONS ROOM (IDF)
TX	TRANSMITTER
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
	UNLESS NOTED OTHERWISE
UNO	UNINTERRUPTIBLE POWER SUPPLY
UNO UPS	
	UNSHIELDED TWISTED PAIR
UPS	VOLT VOLT
UPS UTP	
UPS UTP V	VOLT
UPS UTP V VA	VOLT-AMPERE
UPS UTP V VA VOIP	VOLT VOLT-AMPERE VOICE OVER INTERNET PROTOCOL

			ATTRIBUTE IMUNICATIONS TLETS/DEVICE	
	_	W		VOIC
			W	WALL
		$\overline{\nabla}$		DATA
	_	$\overline{}$	F	DATA
			FPD	FURN DATA
				PANE
		$\overline{}$	WAP	DATA
				WIRE DATA
	_	J.	FF	WALL
				FEED
		FLOOR O	UTLETS/DEVIC	
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				DATA
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			/ledia Receiver (
			econferencing	ماء .
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			anel, System Col iing, Cabling	πρυπε
		Audiovisua	al Network Switch	h, Pat
	_	Cabling	al Fauthers 10	
			al Equipment Ca istening System	
		55/0100 L	- 2.3. mig Oyololli	
	I			

DESCRIPTION

DATA OUTLET, SYSTEMS

WIRELESS ACCESS POINT

| WALL VOICE OUTLET WITH | (1) 1" C

DATA OUTLET FOR FLAT (1) 1" C

DATA/VOICE OUTLET (1) 1" C

WALL MOUNT FURNITURE (1) 1-1/4" C

VOICE OUTLET

MOUNTING TABS

DATA OUTLET

PANEL DISPLAY

DATA OUTLET FOR

FEED JUNCTION BOX

DATA OUTLET IN

FLOORBOX

DATA OUTLET

DATA OUTLET FOR

CARD READER

DOOR CONTACT

REQUEST TO EXIT

AUDIOVISUAL INPUT

VIDEOCONFERENCING

FLAT PANEL DISPLAY

WALL MOUNTED

WALL MOUNTED

MICROPHONE

TOUCHPANEL

MICROPHONE

VIDEO INPUT PLATE

CEILING MOUNTED

VIDEO SURVEILLANCE

MOUNT

CAMERA

PLATE

CAMERA

BACKBOX

WIRELESS ACCESS POINT

ACCESS CONTROL PANEL

CARD READER - MULLION (1) 1/2" C

ELECTRIC LOCK/STRIKE (1) 1/2" C

FURNITURE

RACEWAY

(1) 1" C

(1) 1-1/4" C

(1) 1" C

(1) 1" C

(1) 1/2" C

(1) 1/2" C

(1) 1/2" C

(1) 1-1/4" C

PLANS

(1) 3/4" C

(1) 1" C

3/4" C

(1) 1" C

BACKBOX

4-11/16" X 4-11/16" X 2-1/8"

4-11/16" X 4-11/16" X 2-1/8"

(RACO 420 OR EQUAL)

4-11/16" X 4-11/16" X 2-1/8"

4-11/16" X 4-11/16" X 2-1/8"

4-11/16" X 4-11/16" X 3-1/4"

APPROVED EQUAL

3" X 2" X 2"

VARIES

(1) 1-1/2" C & PER | CHIEF PAC525 OR

3" x 2" x 2"

4-11/16" X 4-11/16" X 2-1/8" | SINGLE GANG

4-11/16" X 4-11/16" X 2-1/8" * | SINGLE GANG

4-11/16" X 4-11/16" X 2-1/8" * | SINGLE GANG

4-11/16" X 4-11/16" X 2-1/8" | SINGLE GANG

4-11/16" X 4-11/16" X 2-1/8" DOUBLE GANG

4-11/16" X 4-11/16" X 3-1/4" | SINGLE GANG

4-11/16" X 4-11/16" X 2-1/8" * | 2-GANG

4-11/16" X 4-11/16" X 2-1/8" | DOUBLE GANG

SINGLE GANG

SINGLE GANG

BY SYSTEMS

FURNITURE

SINGLE GANG

SINGLE GANG

DOUBLE GANG

2-GANG

SINGLE GANG

SINGLE GANG

SINGLE GANG

_		MICROPHONE						
C#)		CEILING MOUNTED V CAMERA	TC	PER PLA	INS	TBD		
(S1)		CEILING LOUDSPEAK	ER	3/4" C IN AND OUT		CUSTOM BY LOUDSPEAKER MANUFACTURER		
(CEILING MOUNTED ANTENNA		(1) 3/4" C		3" X 2" X 2"		
	ALS	CEILING MOUNTED ANTENNA - ASSISTED LISTENING)	-		-		
	WM	CEILING MOUNTED ANTENNA - WIRELES MICROPHONE	S	-		-		
	AUDIO	VISUAL SYSTEM RESPON	SIBILIT	Y MATRI)	<		DRA	
	AV Devi	ce / Equipment	AV F	Furnished AV Installe By By		ed	NUMBER	
Display			Owner		Contractor	TOMBLIT		
	ounting Brad	cket	Owner		Contractor			
Mobile DIs			Owner	Contractor			T103 T203	
HDMI Cab	oles (Whips	- Display to User Device)	Owner	•	Contractor		T800	
Standalon	e Video Tele	econferencing Device (Owl)	Owner	•	Owner		T801	
Wireless N	Media Recei	ver (Mersive Solstice Pod)	Owner	•	Owner		T802	
	econferencir licrophones/	ng /Loudspeakers/Associated	Contra	actor	Contractor		T804	
Audiovisual System Control Processor, Audio Digital Signal Processor, Amplifier, Touch Screen Control Panel, System Components, System Programming, Cabling		Contractor		Contractor				
Audiovisua Cabling	al Network S	Switch, Patch Panels,	Contra	ector	Contractor			
Audiovisua	al Equipmer	t Cabinet	Contra	octor	Contractor			
Assisted L	istening Sys	stem	Owner	•	Contractor			

DRA	WING INDEX - TECHNOLOGY		
	MEP DRAWING INDEX		
NUMBER	SHEET NAME		
Γ000	TECHNOLOGY LEGEND		
Γ103	DEMOLITION PLAN - LEVEL 03		
Г203	TECHNOLOGY PLAN - LEVEL 03		
Г800	AUDIOVISUAL FUNCTIONALS		
Г801	AUDIOVISUAL FUNCTIONALS		
Г802	TECHNOLOGY DETAILS		
Г804	TECHNOLOGY DETAILS		

SYMBOLS - TEČHŇŎĽŎĠÝ ŘŎÚĠH-IN

PER PLANS

mmm

60" TO BOTTOM PER PLANS

ADDITIONAL REQUIREMENTS

= NUMBER OF JACKS / DOIT = JACKS TERMINATING IN TR 356 / AV = JACK TERMNATING IN AUDIOVISUAL EQUIPMENT RACK.

PROVIDE SYSTEMS FURNITURE INSERTS FOR OWNER-PROVIDED DATA JACKS.

DENOTES CABLE QUANTITY

SEE DETAIL 3 - T801

\$EE DETAIL 6 - T801

SEE DETAIL 6 - T801

DENOTES CAMERA TYPE

CONDUIT IN AND OUT NOT NEEDED WHERE SPEAKER IS INSTALLED IN ACCESSIBLE CEILING

TRIM RING OPENING | HEIGHT (UNO) | QTY OF CABLES + TYPES

PER PLANS

FLUSH IN

CEILING

FLUSH IN

CEILING

PER DETAIL

PER PLANS /

SCHEDULE

18" U.N.O.

PER PLANS

FLUSH IN

CEILING

FLUSH IN

FLUSH IN

FLUSH IN

CEILING

CEILING

CEILING



Milwaukee, Wisconsin 53202 Telephone 414.278.8200

> PLUMBING ENGINEER INTERIOR ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL/ELECTRICAL/

UNIVERSITY OF WISCONSIN -MADISON SCHOOL OF HUMAN ECOLOGY

1300 LINDEN DR. MADISON, WI

> SoHE ACTIVE **LEARNING** CLASSROOM

UW SYSTEM NO: A-23-002 **UW MADISON NO:**





△NO DESCRIPTION DATE 1 | ADD-1 | NOV 3 ISSUANCE HISTORY - THIS SHEET

TECHNOLOGY LEGEND

BID DOCUMENTS

T000