

Contract Routing Form

ROUTING: Urgent Rush

printed on: 10/14/2021

Contract between: J.P. Cullen & Sons, Inc.
and Dept. or Division: Engineering Division
Name/Phone Number:

Project: Olin Park Facility Improvements

Contract No.: 9050
Enactment No.: RES-21-00686
Dollar Amount: 3,221,219.00

File No.: 67447
Enactment Date: 10/12/2021

(Please DATE before routing)

Signatures Required	Date Received	Date Signed
City Clerk	10-14-2021	10-14-2021
Director of Civil Rights	10-15-2021	10-15-2021
Risk Manager	10-15-21	10-15-21 MCL
Finance Director	10-15-21	10-15-21 DJS
City Attorney	10/19/21	10-19-21
Mayor	10-19-21	10-21-21

Please return signed Contracts to the City Clerk's Office
Room 103, City-County Building for filing.

Original + 2 Copies

10/14/2021 09:56:50 enjls - Amy Scanlon 267-0743



Legislation Details (With Text)

File #: 67447 **Version:** 1 **Name:** Awarding Public Works Contract No. 9050, Olin Park Facility Improvements and Amending the 2021 Adopted Capital Budgets of the Parks Division and Engineering-Facilities Management.

Type: Resolution **Status:** Passed

File created: 9/15/2021 **In control:** BOARD OF PUBLIC WORKS

On agenda: 10/5/2021 **Final action:** 10/5/2021

Enactment date: 10/12/2021 **Enactment #:** RES-21-00686

Title: Awarding Public Works Contract No. 9050, Olin Park Facility Improvements and Amending the 2021 Adopted Capital Budgets of the Parks Division and Engineering-Facilities Management. (13th AD)

Sponsors: Sheri Carter, Tag Evers, Yannette Figueroa Cole

Indexes:

Code sections:

Attachments: 1. Awarding Public Works Contract 9050- Olin Facility.pdf, 2. Public Works Contract 9050- Olin Facility Bid Opening.pdf

Date	Ver.	Action By	Action	Result
10/5/2021	1	COMMON COUNCIL	Adopt - 15 Votes Required	Pass
9/27/2021	1	FINANCE COMMITTEE	RECOMMEND TO COUNCIL TO ADOPT (15 VOTES REQUIRED) - REPORT OF OFFICER	Pass
9/22/2021	1	BOARD OF PUBLIC WORKS		
9/21/2021	1	FINANCE COMMITTEE	Refer	
9/21/2021	1	COMMON COUNCIL	Refer	Pass
9/15/2021	1	Parks Division	Referred for Introduction	

The proposed resolution authorizes the award of Public Works Contract No. 9050, Olin Park Facility Improvements, and amends the 2021 Adopted Capital Budgets of the Parks Division and Engineering - Facilities Management. The budget amendment transfers General Obligation borrowing from two projects into the Olin Park Building project to support overall project costs.

The current funding for the project (MUNIS project 12856-51-140) is sufficient to fund the following:

BID for Construction (JP Cullen & Sons, Inc.):	\$3,221,219
<u>8% Construction Contingency:</u>	<u>\$ 257,697</u>
Total	\$3,478,916

Additional General Project Costs (LEED registration, FFE, etc.) are estimated at \$313,500 for an estimated total project cost of \$3,792,416. The Parks Division has identified two projects that have available funding that can be transferred to cover the total estimated cost of the Olin Park Building project. The proposed budget amendment transfers include:

- \$150,000 from Warner Park Beach Shelter (MUNIS 11971) to the Olin Park Building project (MUNIS 12856). The Warner project is complete and the identified amount is residual funding.
- \$230,000 from Warner Drive and Lot (MUNIS 13505) to the (MUNIS 12856). The Warner drive and lot

project is on hold and is not in the current work plan. Parks will introduce a new funding request in future budget cycles.

The budget amendment provides sufficient budget authority to award Public Works Contract No. 9050 and complete the renovation improvements. No additional appropriation is required.

Awarding Public Works Contract No. 9050, Olin Park Facility Improvements and Amending the 2021 Adopted Capital Budgets of the Parks Division and Engineering-Facilities Management. (13th AD)

WHEREAS, in February 2019 the City of Madison Parks Division acquired the former Wisconsin Medical Society properties at 330 and 342 E Lakeside Street; and

WHEREAS, the 330 E. Lakeside Street parcel included an existing 43,000 square foot office building; and

WHEREAS, the building was evaluated for potential adaptive reuse, and due to its quality construction, central location, and physical characteristics, it was determined that it would be an asset to the City; and

WHEREAS, the building will serve as an important park facility by providing for enhanced public restroom access in Olin Park, near the Lake, and along the bikepath, enhanced public programming opportunities, hosting public meetings, and in a later phase providing additional publicly reservable community space; and

WHEREAS, the City of Madison Parks Division intends to relocate the majority of Parks Division staff offices and community service staff from the City County Building (CCB) to the Olin Park building; and

WHEREAS, the Parks Division vacating the CCB partially address the downtown office space shortage currently under evaluation with the CCB remodeling project; and

WHEREAS, Parks is working with City of Madison Real Estate to lease a portion of the Olin Park building to MMSD, who will provide additional public services at the facility; and

WHEREAS, the Olin Park building requires improvements for accessibility and other health and safety compliance modifications for Parks Division and tenant use; and

WHEREAS, the A/E consultant team completed construction drawings for public works bidding that would provide an improved, accessible, and safe building; and

WHEREAS after advertising the project from 07/22/21 to 09/09/21, four base bids were received for Olin Park Facility Improvements, ranging from \$3,221,219 to \$3,521,692; and

WHEREAS it was determined that rebidding this project would likely not result in significantly lower costs and would delay completion of the project; and

WHEREAS, the 2021 Parks Division Adopted Capital Budget includes remaining expenditure authorization of \$3,499,000 and the total estimated remaining project costs are \$3,792,416; and

WHEREAS, the Parks Division has identified \$380,000 in authorized expenditures that can be transferred to the Olin Park Building Project to cover all estimated costs to complete the project.

THEREFORE, BE IT RESOLVED, that the following low bid for miscellaneous improvements be accepted and that the Mayor and City Clerk be and are hereby authorized and directed to enter into a contract with the low bidder contained herein, subject to the Contractor's compliance with Section 39.02 of the Madison General Ordinances concerning compliance with the Affirmative Action provisions and subject to the Contractor's compliance with Section 33.07 of the Madison General Ordinances regarding Best Value Contracting, AND

BE IT RESOLVED that the 2021 Parks Division Adopted Capital Budget will be amended to transfer \$150,000 of general obligation borrowing authority from Warner Park Beach Shelter project (Engineering-Facilities Management) to the Olin Park Building project (Parks Division), AND

BE IT FURTHER RESOLVED that the 2021 Parks Division Adopted Capital Budget will be amended to transfer \$230,000 of general obligation borrowing authority from the Warner Drive and Lot project (Parks Division) to Olin Park Building project (Parks Division), AND

BE IT FINALLY RESOLVED, that the funds be encumbered to cover the cost of the projects contained herein.

PROJECT

CONTRACTOR

AMOUNT OF BID

CONTRACT NO. 9050
OLIN PARK FACILITY IMPROVEMENTS

J. P. CULLEN & SONS, INC.

\$3,221,219.00

Acct. No. 12856-51-140: 54210 (91065)
Contingency 8%±

\$3,221,219.00
257,701.00

GRAND TOTAL

\$3,478,920.00



Wisconsin
State Based Systems

Demographics

Company Name: Travelers Casualty and Surety Company of America	NAIC CoCode: 31194	Short Name:
SBS Company Number: 54218780		FEIN: 06-0907370
Domicile Type: Foreign	State of Domicile: Connecticut	Country of Domicile: United States
NAIC Group Number: 3548 - Travelers Grp	Organization Type: Stock	Date of Incorporation: 07/18/1974
Merger Flag: Yes		

Address

Business Address	Mailing Address	Statutory Home Office Address	Main Administrative Office Address
ONE TOWER SQ HARTFORD, CT 06183 United States	ONE TOWER SQ HARTFORD, CT 06183 United States	ONE TOWER SQ HARTFORD, CT 06183 United States	ONE TOWER SQ HARTFORD, CT 06183 United States

Phone, Email, Website

Phone	Email	Website						
<table border="1"> <tr> <th>Type</th> <th>Number</th> </tr> <tr> <td>Business Primary Phone</td> <td>(860) 277-0111</td> </tr> <tr> <td>Fax Phone</td> <td>(844) 816-9447</td> </tr> </table>	Type	Number	Business Primary Phone	(860) 277-0111	Fax Phone	(844) 816-9447	No results found.	No results found.
Type	Number							
Business Primary Phone	(860) 277-0111							
Fax Phone	(844) 816-9447							

Company Type

Company Type: Property and Casualty	Status Reason:	Status Date: 09/10/1975
Status: Active	Legacy State ID: 110846	Expiration Date:
Effective Date: 07/01/1997	Approval Date:	File Date:
Issue Date: 09/10/1975	Article No:	COA Number:
Articles of Incorporation Received: No		

Appointments

Show 10 entries Showing 1001 to 1010 of 4804 entries

Licensee Name	License Number	NPN	License Type	Line of Authority	Appointment Date	Effective Date	Expiration Date
MATTHEW WALBY	6525539	6525539	Intermediary (Agent) Individual	Casualty	02/10/2012	02/19/2021	03/15/2022
MATTHEW WALBY	6525539	6525539	Intermediary (Agent) Individual	Property	02/10/2012	02/19/2021	03/15/2022
KATHI SIMON	11980660	11980660	Intermediary (Agent) Individual	Property	11/04/2015	02/19/2021	03/15/2022
KATHI SIMON	11980660	11980660	Intermediary (Agent) Individual	Casualty	11/04/2015	02/19/2021	03/15/2022
MATTHEW COPUS	664921	664921	Intermediary (Agent) Individual	Property	03/13/2015	02/19/2021	03/15/2022
MATTHEW COPUS	664921	664921	Intermediary (Agent) Individual	Casualty	03/13/2015	02/19/2021	03/15/2022
TINA DOMASK	17584644	17584644	Intermediary (Agent) Individual	Property	12/22/2015	02/19/2021	03/15/2022
TINA DOMASK	17584644	17584644	Intermediary (Agent) Individual	Casualty	12/22/2015	02/19/2021	03/15/2022
DAVID ROBERTSON	1678610	1678610	Intermediary (Agent) Individual	Property	11/30/2005	02/19/2021	03/15/2022
DAVID ROBERTSON	1678610	1678610	Intermediary (Agent) Individual	Casualty	11/30/2005	02/19/2021	03/15/2022

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Line Of Business

Show 10 entries Showing 1 to 10 of 11 entries

Line of Business	Citation Type	Effective Date
Aircraft	Aircraft	09/10/1975
Automobile	Automobile	09/10/1975
Credit Insurance	Credit Insurance	09/10/1975
Disability Insurance	Disability Insurance	09/10/1975
Fidelity Insurance	Fidelity Insurance	09/10/1975
Fire, Inland Marine and Other Property Insurance	Fire, Inland Marine and Other Property Insurance	09/10/1975
Liability and Incidental Medical Expense Insurance (other than automobile)	Liability and Incidental Medical Expense Insurance (other than automobile)	09/10/1975
Miscellaneous	Miscellaneous	09/10/1975
Ocean Marine Insurance	Ocean Marine Insurance	09/10/1975
Surety Insurance	Surety Insurance	09/10/1975

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\$3,221,219.00
FILE COPY

BID OF J. P. CULLEN & SONS, INC.

2021

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

OLIN PARK FACILITY IMPROVEMENTS

CONTRACT NO. 9050

PROJECT NO. 12856

MUNIS NO. 17443

IN

MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL
MADISON, WISCONSIN ON OCTOBER 5, 2021

CITY ENGINEERING DIVISION
1600 EMIL STREET
MADISON, WISCONSIN 53713

<https://bidexpress.com/login>

**OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO. 9050**

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EXHIBITS FOR BIDDING PURPOSES:	
Exhibit A – Volume 1 Plans dated June 8, 2021	
Exhibit B – Volume 2 Plans dated June 8, 2021	
Exhibit C – Specifications dated June 8, 2021	
EXHIBITS FOR BIDDING REFERENCE:	
REF DOC 1 – Lands for Work	
REF DOC 2 – Hazardous Materials Reports	
REF DOC 3 – Soil Borings Report	

This Proposal, and Agreement have
been prepared by:

**CITY ENGINEERING DIVISION
CITY OF MADISON
MADISON, DANE COUNTY, WISCONSIN**

Christy Bachmann on behalf of:

Robert F. Phillips, P.E., City Engineer

RFP:

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS

REQUEST FOR BID FOR PUBLIC WORKS CONSTRUCTION CITY OF MADISON, WISCONSIN

A BEST VALUE CONTRACTING MUNICIPALITY

PROJECT NAME:	OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO.:	9050
SBE GOAL	5%
BID BOND	5%
SBE PRE BID BUILDING TOUR #1 (1:00 P.M.)	TUESDAY JULY 27, 2021
SBE PRE BID BUILDING TOUR #2 (1:00 P.M.)	WEDNESDAY AUGUST 11, 2021
BIDDER QUESTIONS, CLARIFICATIONS & REQUESTS FOR SUBSTITUTIONS	THURSDAY AUGUST 26, 2021
PREQUALIFICATION APPLICATION DUE (2:00 P.M.)	THURSDAY SEPTEMBER 2, 2021
BID SUBMISSION (2:00 P.M.)	THURSDAY SEPTEMBER 9, 2021
BID OPEN (2:30 P.M.)	THURSDAY SEPTEMBER 9, 2021
PUBLISHED IN WSJ	JULY 22, 29 & AUG 5, 12, 19, 26 & SEPT 2

PRE BID BUILDING /SITE TOUR:

The City of Madison is conducting two (2) Pre-Bid Walk Through sessions at the Olin Park Facility, 330 E Lakeside Street, during the bidding period of this contract. All contractors are invited to attend a short introductory meeting, a short guided tour of the project area, and then will be allowed to more thoroughly review the project area at their own pace. Please refer to the schedule table above for Walk Through dates and times. **Please note: The City is following CDC Covid precaution protocols and all non-vaccinated attendees shall wear a mask and maintain appropriate social distancing when inside the building.**

These are the only times contractors shall be allowed access to non-public areas of the project site. Contractors may review public areas at any time during normal park/operating hours.

Staff from InSite Consulting Architects, City Project Manager (CPM), and City Construction Manager (CCM) will be in attendance to take questions related to the plans and specifications. Questions shall be recorded and responded to in the form of a published addendum.

BIDDER QUESTIONS, CLARIFICATIONS, AND REQUESTS FOR SUBSTITUTIONS:

If needed, InSite Consulting Architects and/or the City Project/Construction Manager shall publish addenda to respond to any questions, clarifications, or requests for substitutions.

- Any questions or requests for clarifications regarding plans and specifications shall be submitted directly to InSite Consulting Architects and the CPM/CCM. Responses that change the contract scope and/or schedule will be published by InSite Consulting Architects and/or the CPM/CCM in the form of a published bidding addendum.
- Requests for substitutions shall be done according to Specification 01 25 13 Product Substitution Procedures and other specifications as necessary. Use the form at the end of the specification. Contractors are cautioned to review all specifications and note whether substitutions for specific products will be allowed or not.
- See the contract contact information at the end of Section D-Special Provisions for contact information. All questions and/or substitution requests shall be sent via email, reference Olin Park Facility 9050.
- **The deadline for receiving all questions, clarifications, and requests for substitutions shall be as indicated in the schedule table above.**

SBE PRE BID MEETING: Small Business Enterprise Pre-Bid Meetings are not being held in person at this time. Contractors can schedule one-on-one phone calls with Juan Pablo Torres Meza in Affirmative Action to count towards good faith efforts. Juan Pablo can be reached at 608-261-9162 or by email, jtorresmeza@cityofmadison.com.

PREQUALIFICATION APPLICATION: Forms are available on our website, www.cityofmadison.com/business/pw/forms.cfm. If not currently prequalified in the categories listed in Section A, an amendment to your Prequalification will need to be submitted prior to the same due date. Postmark is not applicable.

BIDS TO BE SUBMITTED: by hand to 1600 EMIL ST., MADISON, WI 53713 or online at www.bidexpress.com.

The process for submission of bids has not changed. Bids may be submitted online through Bid Express or in person at 1600 Emil St.

BID OPENING is at 1600 EMIL ST., MADISON, WI 53713.

Until further notice, the bid openings will be closed to the public. The bids will be posted online after the bid opening. If you have any questions, please call Alane Boutelle at 608-267-1197 or John Fahrney at 608-266-9091.

STANDARD SPECIFICATIONS

The City of Madison's Standard Specifications for Public Works Construction - 2021 Edition, as supplemented and amended from time to time, forms a part of these contract documents as if attached hereto.

These standard specifications are available on the City of Madison Public Works website, www.cityofmadison.com/Business/PW/specs.cfm.

The Contractor shall review these Specifications prior to preparation of proposals for the work to be done under this contract, with specific attention to Article 102, "BIDDING REQUIREMENTS AND CONDITIONS" and Article 103, "AWARD AND EXECUTION OF THE CONTRACT." For the convenience of the bidder, below are highlights of three subsections of the specifications.

SECTION 102.1: PRE-QUALIFICATION OF BIDDERS

In accordance with Wisconsin State Statutes 66.0901 (2) and (3), all bidders must submit to the Board of Public Works proof of responsibility on forms furnished by the City. The City requires that all bidders be qualified on a biennial basis.

Bidders must present satisfactory evidence that they have been regularly engaged in the type of work specified herein and they are fully prepared with necessary capital, materials, machinery and supervisory personnel to conduct the work to be contracted for to the satisfaction of the City. All bidders must be pre-qualified by the Board of Public Works for the type of construction on which they are bidding prior to the opening of the bid.

In accordance with Section 39.02(9)(a)l. of the General Ordinances, all bidders shall submit in writing to the Affirmative Action Division Manager of the City of Madison, a Certificate of Compliance or an Affirmative Action Plan at the same time or prior to the submission of the proof of responsibility forms.

The bidder shall be disqualified if the bidder fails to or refuses to, prior to opening of the bid, submit a Certificate of compliance, Affirmative Action Plan or Affirmative Action Data Update, as applicable, as defined by Section 39.02 of the General Ordinances (entitled Affirmative Action) and as required by Section 102.11 of the Standard Specifications.

SECTION 102.4 PROPOSAL

No bid will be accepted that does not contain an adequate or reasonable price for each and every item named in the Schedule of Unit Prices.

A lump sum bid for the work in accordance with the plans and specifications is required. The lump sum bid must be the same as the total amounts bid for the various items and it shall be inserted in the space provided.

All papers bound with or attached to the proposal form are considered a part thereof and must not be detached or altered when the proposal form is submitted. The plans, specifications and other documents designated in the proposal form will be considered a part of the proposal whether attached or not.

A proposal submitted by an individual shall be signed by the bidder or by a duly authorized agent. A proposal submitted by a partnership shall be signed by a member/partner or by a duly authorized agent thereof. A proposal submitted by a corporation shall be signed by an authorized officer or duly authorized registered agent of such corporation, and the proposal shall show the name of the State under the laws of which such corporation was chartered. The required signatures shall in all cases appear in the space provided thereof on the proposal.

Each proposal shall be placed, together with the proposal guaranty, in a sealed envelope, so marked as to indicate name of project, the contract number or option to which it applies, and the name and address of the Contractor or submitted electronically through Bid Express (www.bidexpress.com). Proposals will be accepted at the location, the time and the date designated in the advertisement. Proposals received after the time and date designated will be returned to the bidder unopened.

SECTION 102.5: BID DEPOSIT (PROPOSAL GUARANTY)

All bids, sealed or electronic, must be accompanied with a Bid Bond (City of Madison form) equal to at least 5% of the bid or a Certificate of Annual/Biennial Bid Bond or certified check, payable to the City Treasurer. Bid deposit of the successful bidders shall be returned within forty-eight (48) hours following execution of the contract and bond as required.

MINOR DISCREPENCIES

Bidder is responsible for submitting all forms necessary for the City to determine compliance with State and City bidding requirements. Notwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion or performance of the contract.

Bidders for this Contract(s) must be Pre-Qualified for at least one of the following type(s) of construction denoted by an

Building Demolition

- 101 Asbestos Removal
120 House Mover

- 110 Building Demolition

Street, Utility and Site Construction

- 201 Asphalt Paving
205 Blasting
210 Boring/Pipe Jacking
215 Concrete Paving
220 Con. Sidewalk/Curb & Gutter/Misc. Flat Work
221 Concrete Bases and Other Concrete Work
222 Concrete Removal
225 Dredging
230 Fencing
235 Fiber Optic Cable/Conduit Installation
240 Grading and Earthwork
241 Horizontal Saw Cutting of Sidewalk
242 Infrared Seamless Patching
245 Landscaping, Maintenance
246 Ecological Restoration
250 Landscaping, Site and Street
251 Parking Ramp Maintenance
252 Pavement Marking
255 Pavement Sealcoating and Crack Sealing
260 Petroleum Above/Below Ground Storage Tank Removal/Installation
262 Playground Installer

- 265 Retaining Walls, Precast Modular Units
270 Retaining Walls, Reinforced Concrete
275 Sanitary, Storm Sewer and Water Main Construction
276 Sawcutting
280 Sewer Lateral Drain Cleaning/Internal TV Insp.
285 Sewer Lining
290 Sewer Pipe Bursting
295 Soil Borings
300 Soil Nailing
305 Storm & Sanitary Sewer Laterals & Water Svc.
310 Street Construction
315 Street Lighting
318 Tennis Court Resurfacing
320 Traffic Signals
325 Traffic Signing & Marking
332 Tree pruning/removal
333 Tree, pesticide treatment of
335 Trucking
340 Utility Transmission Lines including Natural Gas, Electrical & Communications
399 Other _____

Bridge Construction

- 501 Bridge Construction and/or Repair

Building Construction

- 401 Floor Covering (including carpet, ceramic tile installation, rubber, VCT)
402 Building Automation Systems
403 Concrete
404 Doors and Windows
405 Electrical - Power, Lighting & Communications
410 Elevator - Lifts
412 Fire Suppression
413 Furnishings - Furniture and Window Treatments
415 General Building Construction, Equal or Less than \$250,000
420 General Building Construction, \$250,000 to \$1,500,000
425 General Building Construction, Over \$1,500,000
428 Glass and/or Glazing
429 Hazardous Material Removal
430 Heating, Ventilating and Air Conditioning (HVAC)
433 Insulation - Thermal
435 Masonry/Tuck pointing

- 437 Metals
440 Painting and Wallcovering
445 Plumbing
450 Pump Repair
455 Pump Systems
460 Roofing and Moisture Protection
464 Tower Crane Operator
461 Solar Photovoltaic/Hot Water Systems
465 Soil/Groundwater Remediation
466 Warning Sirens
470 Water Supply Elevated Tanks
475 Water Supply Wells
480 Wood, Plastics & Composites - Structural & Architectural
499 Other _____

State of Wisconsin Certifications

- 1 Class 5 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for quarries, open pits and road cuts.
2 Class 6 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for trenches, site excavations, basements, underwater demolition, underground excavations, or structures 15 feet or less in height.
3 Class 7 Blaster - Blasting Operations and Activities for structures greater than 15' in height, bridges, towers, and any of the objects or purposes listed as "Class 5 Blaster or Class 6 Blaster".
4 Petroleum Above/Below Ground Storage Tank Removal and Installation (Attach copies of State Certifications.)
5 Hazardous Material Removal (Contractor to be certified for asbestos and lead abatement per the Wisconsin Department of Health Services, Asbestos and Lead Section (A&LS).) See the following link for application: www.dhs.wisconsin.gov/Asbestos/Cert. State of Wisconsin Performance of Asbestos Abatement Certificate must be attached.
6 Certification number as a Certified Arborist or Certified Tree Worker as administered by the International Society of Arboriculture
7 Pesticide application (Certification for Commercial Applicator For Hire with the certification in the category of turf and landscape (3.0) and possess a current license issued by the DATCP)
8 State of Wisconsin Master Plumbers License.

SECTION B: PROPOSAL

Please refer to the
Bid Express Website
at <https://bidexpress.com>
look up contract number
and go to
Section B: Proposal Page

You can access all City of Madison bid solicitations for FREE at www.bidexpress.com

Click on the "Register for Free" button and follow the instructions to register your company and yourself. You will be asked for a payment subscription preference, since you may wish to bid online someday. Simply choose the method to pay on a 'per bid' basis. This requires no payment until / unless you actually bid online. You can also choose the monthly subscription plan at this time. You will, however, be asked to provide payment information. Remember, you can change your preference at anytime. You will then be able to complete your free registration and have full access to the site. Your free access does not require completion of the 'Digital ID' process, so you will have instant access for viewing and downloading. To be prepared in case you ever do wish to bid online, you may wish to establish your digital ID also, since you cannot bid without a Digital ID.

If you have any problems with the free registration process, you can call the bidexpress help team, toll free at 1-888-352-2439 (option 1, option1).

SECTION C: SMALL BUSINESS ENTERPRISE

Instructions to Bidders City of Madison SBE Program Information

2 Small Business Enterprise (SBE) Program Information

2.1 Policy and Goal

The City of Madison reaffirms its policy of nondiscrimination in the conduct of City business by maintaining a procurement process which remains open to all who have the potential and ability to sell goods and services to the City. It is the policy of the City of Madison to allow Small Business Enterprises (SBE) maximum feasible opportunity to participate in City of Madison contracting. The bidder acknowledges that its bid has been submitted in accordance with the SBE program and is for the public's protection and welfare.

Please refer to the "ADVERTISEMENT FOR BIDS" for the goal for the utilization of SBEs on this project. SBEs may participate as subcontractors, vendors and/or suppliers, which provide a commercially useful function. The dollar value for SBE suppliers or 'materials only' vendors shall be discounted to 60% for purposes of meeting SBE goals.

A bidder which achieves or exceeds the SBE goal will be in compliance with the SBE requirements of this project. In the event that the bidder is unable to achieve the SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Failure to either achieve the goal or demonstrate a good faith effort to do so will be grounds for the bidder being deemed a non-responsible contractor ineligible for award of this contract.

A bidder may count towards its attainment of the SBE goal only those expenditures to SBEs that perform a commercially useful function. For purposes of evaluating a bidder's responsiveness to the attainment of the SBE goal, the contract participation by an SBE is based on the percentage of the total base bid proposed by the Contractor. The total base bid price is inclusive of all addenda.

Work performed by an SBE firm in a particular transaction can be counted toward the goal only if it involves a commercially useful function. That is, in light of industry practices and other relevant considerations, does the SBE firm have a necessary and useful role in the transaction, of a kind for which there is a market outside the context of the SBE Program, or is the firm's role a superfluous step added in an attempt to obtain credit towards goals? If, in the judgment of the Affirmative Action Division, the SBE firm will not perform a commercially useful function in the transaction, no credit towards goals will be awarded.

The question of whether a firm is performing a commercially useful function is completely separate from the question of whether the firm is an eligible SBE. A firm is eligible if it meets the definitional criteria and ownership and control requirements, as set forth in the City of Madison's SBE Program.

If the City of Madison determines that the SBE firm is performing a commercially useful function, then the City of Madison must then decide what that function is. If the commercially useful function is that of an SBE vendor / supplier that regularly transacts business with the respective product, then the City of Madison will count 60% of the value of the product supplied toward SBE goals.

To be counted, the SBE vendor / supplier must be engaged in selling the product in question to the public. This is important in distinguishing an SBE vendor / supplier, which has a regular trade with a variety of customers, from a firm which performs supplier-like functions on an ad hoc basis or for only one or two contractors with whom it has a special relationship.

A supplier of bulk goods may qualify as an eligible SBE vendor / supplier if it either maintains an inventory or owns or operates distribution equipment. With respect to the distribution equipment; e.g., a fleet of trucks, the term "operates" is intended to cover a situation in which the supplier leases the equipment on a regular basis for its entire business. It is not intended to cover a situation in which the firm simply provides drivers for trucks owned or leased by another party; e.g., a prime contractor, or leases such a party's trucks on an ad hoc basis for a specific job.

If the commercially useful function being performed is not that of a qualified SBE vendor / supplier, but rather that of delivery of products, obtaining bonding or insurance, procurement of personnel, acting as a broker or manufacturer's representative in the procurement of supplies, facilities, or materials, etc., only the fees or commissions will apply towards the goal.

For example, a business that simply transfers title of a product from manufacturer to ultimate purchaser; e. g., a sales representative who re-invoices a steel product from the steel company to the Contractor, or a firm that puts a product into a container for delivery would not be considered a qualified SBE vendor / supplier. The Contractor would not receive credit based on a percentage of the cost of the product for working with such firms.

Concerning the use of services that help the Contractor obtain needed supplies, personnel, materials or equipment to perform a contract: only the fee received by the service provider will be counted toward the goal. For example, use of a SBE sales representative or distributor for a steel company, if performing a commercially useful function at all, would entitle the Contractor receiving the steel to count only the fee paid to the representative or distributor toward the goal. This provision would also govern fees for professional and other services obtained expressly and solely to perform work relating to a specific contract.

Concerning transportation or delivery services: if an SBE trucking company picks up a product from a manufacturer or a qualified vendor / supplier and delivers the product to the Contractor, the commercially useful function it is performing is not that of a supplier, but simply that of a transporter of goods. Unless the trucking company is itself the manufacturer or a qualified vendor / supplier in the product, credit cannot be given based on a percentage of the cost of the product. Rather, credit would be allowed for the cost of the transportation service.

The City is aware that the rule's language does not explicitly mention every kind of business that may contribute work on this project. In administering these programs, the City would, on a case-by-case basis, determine the appropriate counting formula to apply in a particular situation.

2.2 Contract Compliance

Questions concerning the SBE Program shall be directed to the Contract Compliance Officer of the City of Madison Department of Civil Rights, Affirmative Action Division, 210 Martin Luther King, Jr. Blvd., Room 523, Madison, WI 53703; telephone (608) 266-4910.

2.3 Certification of SBE by City of Madison

The Affirmative Action Division maintains a directory of SBEs which are currently certified as such by the City of Madison. Contact the Contract Compliance Officer as indicated in Section 2.2 to receive a copy of the SBE Directory or you may access the SBE Directory online at www.cityofmadison.com/civil-rights/contract-compliance/targeted-business-enterprise-programs/targeted-business-enterprise.

All contractors, subcontractors, vendors and suppliers seeking SBE status must complete and submit the **Targeted Business Certification Application** to the City of Madison Affirmative Action Division by the time and date established for receipt of bids. A copy of the Targeted Business Certification Application is available by contacting the Contract Compliance Officer at the address and telephone indicated in Section 2.2 or you may access the Targeted Business Certification Application online at www.cityofmadison.com/civil-rights/contract-compliance/targeted-business-enterprise-programs/targeted-business-enterprise. Submittal of the Targeted Business Certification Application by the time specified does not guarantee that the applicant will be certified as a SBE eligible to be utilized towards meeting the SBE goal for this project.

2.4 Small Business Enterprise Compliance Report

2.4.1 Good Faith Efforts

Bidders shall take all necessary affirmative steps to assure that SBEs are utilized when possible and that the established SBE goal for this project is achieved. A contractor who self performs a portion of the work, and is pre-qualified to perform that category of work, may subcontract that portion of the work, but shall not be required to do so. When a bidder is unable to achieve the established SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Such a good faith effort should include the following:

- 2.4.1.1 Attendance at the pre-bid meeting.
- 2.4.1.2 Using the City of Madison's directory of certified SBEs to identify SBEs from which to solicit bids.
- 2.4.1.3 Assuring that SBEs are solicited whenever they are potential sources.
- 2.4.1.4 Referring prospective SBEs to the City of Madison Affirmative Action Division for certification.
- 2.4.1.5 Dividing total project requirements into smaller tasks and/or quantities, where economically feasible, to permit maximum feasible SBE participation.
- 2.4.1.6 Establishing delivery schedules, where requirements permit, which will encourage participation by SBEs.
- 2.4.1.7 Providing SBEs with specific information regarding the work to be performed.
- 2.4.1.8 Contacting SBEs in advance of the deadline to allow such businesses sufficient time to prepare a bid.
- 2.4.1.9 Utilizing the bid of a qualified and competent SBE when the bid of such a business is deemed reasonable (i.e. 5% above the lowest bidder), although not necessarily low.
- 2.4.1.10 Contacting SBEs which submit a bid, to inquire about the details of the bid and confirm that the scope of the work was interpreted as intended.
- 2.4.1.11 Completion of Cover Page (page C-6), Summary Sheet (page C-7) and SBE Contact Reports (pages C-8 and C9) if applicable.

2.4.2 Reporting SBE Utilization and Good Faith Efforts

The Small Business Enterprise Compliance Report is to be submitted by the bidder with the bid: This report is due by the specified bid closing time and date. Bids submitted without a completed SBE Compliance Report as outlined below may be deemed non-responsible and the bidder ineligible for award of this contract. Notwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion, performance of the contract, or percentage of SBE utilization.

2.4.2.1 If the Bidder meets or exceeds the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:

2.4.2.1.1 **Cover Page**, Page C-6; and

2.4.2.1.2 **Summary Sheet**, C-7.

2.4.2.2 If the bidder does not meet the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:

2.4.2.2.1 **Cover Page**, Page C-6;

2.4.2.2.2 **Summary Sheet**, C-7; and

2.4.2.2.3 **SBE Contact Report**, C-8 and C-9. (A separate Contact Report must be completed for each applicable SBE which is not utilized.)

2.5 Appeal Procedure

A bidder which does not achieve the established goal and is found non-responsible for failure to demonstrate a good faith effort to achieve such goal and subsequently denied eligibility for award of contract may appeal that decision to the Small Business Enterprises Appeals Committee. All appeals shall be made in writing, and shall be delivered to and received by the City Engineer no later than 4:30 PM on the third business day following the bidder's receipt of the written notification of ineligibility by the Affirmative Action Division Manager. Postmark not acceptable. The notice of appeal shall state the basis for the appeal of the decision of the Affirmative Action Division Manager. The Appeal shall take place in accordance with Madison General Ordinance 33.54.

2.6 SBE Requirements After Award of the Contract

The successful bidder shall identify SBE subcontractors, suppliers and vendors on the subcontractor list in accordance with the specifications. The Contractor shall submit a detailed explanation of any variances between the listing of SBE subcontractors, vendors and/or suppliers on the subcontractor list and the Contractor's SBE Compliance Report for SBE participation.

No change in SBE subcontractors, vendors and/or suppliers from those SBEs indicated in the SBE Compliance Report will be allowed without prior approval from the Engineer and the Affirmative Action Division. The contractor shall submit in writing to the City of Madison Affirmative Action Division a request to change any SBE citing specific reasons which necessitate such a change. The Affirmative Action Division will use a general test of reasonableness in approving or rejecting the contractor's request for change. If the request is approved, the Contractor will make every effort to utilize another SBE if available.

The City will monitor the project to ensure that the actual percentage commitment to SBE firms is carried out.

2.7 SBE Definition and Eligibility Guidelines

A Small Business Enterprise is a business concern awarded certification by the City of Madison. For the purposes of this program a Small Business Enterprise is defined as:

- A. An independent business operated under a single management. The business may not be a subsidiary of any other business and the stock or ownership may not be held by any individual or any business operating in the same or a similar field. In determining whether an entity qualifies as a SBE, the City shall consider all factors relevant to being an independent business including, but not limited to, the date the business was established, adequacy of its resources for the work in which it proposes to involve itself, the degree to which financial, equipment leasing and other relationships exist with other ineligible firms in the same or similar lines of work. SBE owner(s) shall enjoy the customary incidents of ownership and shall share in the risks and profits commensurate with their enjoyment interests, as demonstrated by an examination of the substance rather than form or arrangements that may be reflected in its ownership documents.
- B. A business that has averaged no more than \$4.0 million in annual gross receipts over the prior three year period and the principal owner(s) do not have a personal net worth in excess of \$1.32 million.

Firm and/or individuals that submit fraudulent documents/testimony may be barred from doing business with the City and/or forfeit existing contracts.

SBE certification is valid for one (1) year unless revoked.

SECTION D: SPECIAL PROVISIONS
OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO. 9050

It is the intent of these Special Provisions to set forth the final contractual intent as to the matter involved and shall prevail over the Standard Specifications and plans whenever in conflict therewith. In order that comparisons between the Special Provisions can be readily made, the numbering system for the Special Provisions is equivalent to that of the Specifications.

Whenever in these Specifications the term "Standard Specifications" appears, it shall be taken to refer to the City of Madison Standard Specifications for Public Works Construction and Supplements thereto.

SECTION 102.9: BIDDER'S UNDERSTANDING

Tax Exempt Status. Effective with all contracts executed after January 1, 2016, the sales price from the sale, storage, use or other consumption of tangible personal property that is used in conjunction with a public works improvement for a tax exempt entity (including the City of Madison), is exempt from State sales tax. Said property must become a component of the project owned by the tax exempt entity and includes: any building; shelter; parking lot; parking garage; athletic field; storm sewer; water supply system; or sewerage and waste water treatment facility, but does not include a highway, street or road. The contractor shall ensure that the exemption for sales and use tax available under Wis. Stat. Sec.77.54(9m) applies where available. The contractor shall provide all necessary documentation as required by the State of Wisconsin and the City of Madison to comply with this exemption.

See link to [Wisconsin Department of Revenue Tax Bulletin, January 2016, Number 192](#) and [2015 Wis. Act 126](#) for additional information.

Contractors wishing to sub contract with a non-union Small Business Enterprise (SBE) may encourage the non-union SBE subcontractor to consider entering into a Project Labor Agreement with the subject union specific to the Olin Park Facility, to enable the General Contractor to count the participation of the non-union SBE for SBE Goal achievement. Interested SBE Subcontractors may contact the Executive Director, Building and Construction Trades Council of South Central Wisconsin at btrades@sbcglobal.net or at (608) 256-3161 to discuss entering into such an agreement.

SECTION 102.11: BEST VALUE CONTRACTING

This Contract shall be considered a Best Value Contract if the Contractor's bid is equal to or greater than \$65,000 for a single trade contract; or equal to or greater than \$318,000 for a multi-trade contract pursuant to MGO 33.07(7).

ARTICLE 103: AWARD AND EXECUTION OF THE CONTRACT

The awarded Contractor shall completely execute the signing of all contract documents and submit them to City Engineering (Attn: Alane Boutelle, 1600 Emil Street, Madison, WI 53703) prior to **12:00pm on Thursday, October 7, 2021**. Delays by the Contractor in submitting the required completed contract documents will not adjust the project completion date. Payment and Performance Bonds shall be dated no sooner than **Wednesday, October 6, 2021**.

ARTICLE 104: SCOPE OF WORK

This contract is for improvements to the Olin Park Facility located at 330 E Lakeside Street in Olin Park. The work includes, but is not limited to, replacement of mechanical, electrical and plumbing systems, installation of fire suppression system, installation of entrance elevator, and interior framing and related finishes.

The scope of work includes the furnishing of all labor, materials, equipment, tools, and other services necessary to complete the work in accordance with the intent of this contract. The Contractor shall use properly functioning equipment capable of performing the tasks required. The Contractor shall furnish workers who perform quality work and who are experienced and knowledgeable in the work proposed.

SECTION 104.1: LANDS FOR WORK

General outlines for the Lands for Work for this contract are represented in REF DOC 1 and generally include the east wing of the building, the west wing (for limited work scope only), the lower east parking area, the upper portion of the main parking lot and the lower portion of the main parking lot (for limited work scope only). All use of the City Lands for Work – by the Contractor - shall be reviewed and approved by the CCM.

The Olin Park Facility is situated within Olin Park and contains two wings – the East Wing at 330 E Lakeside St (the primary construction site) and the West Wing at 328 E Lakeside St. The Contractor for this Work will be responsible for a limited scope of work in the West Wing. Once that limited scope of work is completed by the Contractor for this Work, the West Wing tenant may have a separate contractor completing tenant improvements in the West Wing.

The Contractor for this Work must coordinate with the tenant’s contractor to assist in access for both parties. The Contractor for this Work must also coordinate the work so as not to interfere with other contractors, tenants, or members of the public.

Vehicles can only be parked on site in the area indicated as the Lands for Work during construction business hours.

No tobacco product use is allowed on the Lands for Work or near the adjacent residential buildings.

SECTION 104.2: INTENT AND COORDINATION OF CONTRACT DOCUMENTS

The contract documents are complimentary of each other and consist of all of the following:

- The City Standard Specifications for Public Works Construction, 2021 Edition
- These Special Provisions including all plans and specifications as noted by the exhibits listed below.

EXHIBITS FOR BIDDING PURPOSES:

- Exhibit A – Volume 1 Plans dated June 8, 2021
- Exhibit B – Volume 2 Plans dated June 8, 2021
- Exhibit C – Specifications dated June 8, 2021

EXHIBITS FOR BIDDING REFERENCE:

- REF DOC 1 – Lands for Work
- REF DOC 2 – Hazardous Materials Reports
- REF DOC 3 – Soil Borings Report

- All Addenda to the bidding documents.

SECTION 105.5: INSPECTION OF WORK

The Contractor shall coordinate directly with any and all regulatory agencies having jurisdiction over the licensing, permitting, and inspection of work as described in the construction documents.

All Contractors shall be familiar with Specification 01 45 16 – Field Quality Control Procedures regarding City of Madison policies and procedures for Quality Assurance and Quality Control.

SECTION 105.6: CONTRACTORS RESPONSIBILITY FOR WORK

The Contractor shall not take advantage of any discrepancy in the plans or specifications. This shall include but not be limited to apparent errors, omissions, and interpretations involving codes, regulations, and standards.

Any Contractor who identifies such a discrepancy during the bidding process shall notify InSite Consulting Architects, the CPM, and the CCM of the discrepancy prior to the “Questions and Clarifications Deadline” as noted in Section A of the bid documents.

Any Contractor who identifies such a discrepancy after the bidding process and/or after contract signing shall immediately notify InSite Consulting Architects, the CPM, and the CCM in writing and request clarification on how to proceed. See Specification 01 26 13 – Request for Information (RFI).

SECTION 105.7: CONTRACT DOCUMENTS

The General Contractor is responsible for reproducing all construction documents necessary to complete the Work at their own cost. This shall include plans, specifications, and addenda for the General Contractor and all Sub-contractors. The Contractor shall keep one copy of all drawings and Specifications on the project site, in good order, available to the Project Designers and all City representatives.

SECTION 105.9: SURVEYS, POINTS, AND INSTRUCTIONS

The General Contractor is responsible for providing all survey, benchmarks, points, and elevations required for this project.

SECTION 105.12: COOPERATION BY THE CONTRACTOR

As indicated in section 104.1 LANDS FOR WORK there may be adjacent work occurring concurrently with the Olin Park Facility Improvements. The Contractor for this Work must coordinate with the adjacent contractor to assist in access for both parties.

The Work will occur primarily in the East Wing of the building with limited work in the West Wing and the related parking lot.

Any Work outside the specified Lands for Work will need to be coordinated with CPM/CCM for City of Madison Engineering.

- Provide an anticipated work schedule including number of people, type of access, equipment, and duration. Schedule shall be supplied at least five (5) working days prior to the date access will be required.
- All tools, equipment, and materials shall be mobile and shall be moved back to the Lands for Work at the end of each work day.
- All adjacent spaces will be sealed to minimize dust and debris from entering adjacent spaces. Any common areas including hallways shall be cleaned of dust and debris at the end of each work day.

All excessive noisy activities will need to be coordinated and scheduled with the CPM/CCM for City of Madison Engineering.

The General Contractor shall be responsible for the sequencing of the project.

The Contractor shall review all other specifications within the construction documents and Additional Reference Documents for other requirements and coordination of work associated with this contract. Periodically there will be request for tours of the Olin Park Facility during construction by Parks staff. Generally the tours will be scheduled on one day per week (typically Friday) from 1-2 PM. Contractor shall accommodate these tour requests.

SECTION 107.2: PROTECTION AND RESTORATION OF PROPERTY

The Contractor shall be responsible for the protection and restoration of all new and existing work according to Specification 01 76 00 – PROTECTING INSTALLED CONSTRUCTION.

SECTION 108.2: PERMITS AND LICENSING

The Contractor shall be required to apply, and obtain all permits or licenses that may be required by these contract documents regardless of ordinance, statute, or other regulatory requirement. The City of Madison will pay for all City of Madison required Permits.

The Contractor shall obtain and pay for permits and private utility installation fees for this project unless otherwise provided. These costs will include but may not be limited to: gas service/meter set, electric, telephone, and water service/meter set.

The Contractor shall be responsible for compliance with all required permits including the City of Madison Erosion Control permit and the Wisconsin Department of Natural Resources WRAPP Storm Water NOI permit.

The Contractor shall be responsible for any fines issued due to non-compliance with the project permits.

Prior to beginning work in the public right of ways, the Contractor shall obtain and pay for the City of Madison's "Application to Excavate in Public Right-Of-Way Connect to City Sanitary And/Or Storm Sewer". The application is located at <http://www.cityofmadison.com/engineering/permits.cfm>. The City will provide inspections and pay for all City inspections in the public right-of-way. The City inspectors will use Munis code 12856 to charge staff time for public right-of-way inspections.

SECTION 109.7: TIME OF COMPLETION

Work shall only begin after the contract is completely executed and the start work letter is received. It is anticipated that the start work letter shall be issued on or about November 1, 2021.

Due to the desired schedule for the West Wing tenant, the Contractor shall target the date of March 1, 2022 to reach a level of substantial completion of the replacement of the hydraulic cylinder and installation of the fire suppression system in the West Wing.

The Contractor shall have reached a level of Substantial Completion/Certificate of Occupancy **NO LATER THAN July 1, 2022.**

The Contractor shall review Specifications 01 29 76 Progress Payment Procedures and 01 77 00 Closeout Procedures and be completely familiar with the progress payment milestones and definitions related to construction closeout and contract closeout.

SECTION 109.9: LIQUIDATED DAMAGES

The fixed, agreed upon, liquidated damages for failure to complete all work within the Contract Time, shall be calculated in accordance with Article 109 of Standard Specifications, per working day.

NON STANDARD BID ITEMS

BID ITEM 90000 – BASE BID

DESCRIPTION: The BASE BID shall include the complete installation of all building, mechanical, site, and utility components; the accepted testing, and commissioning of all systems; and the completion, and turn-in of all deliverables as outlined in the plans and specifications.

There are no alternates.

METHOD OF MEASUREMENT: The BASE BID shall be measured as Lump Sum of the required construction and installations described in the plans and specifications. Partial Payments shall be requested as indicated in Specifications 01 29 73-Schedule of Values and 01 29 76- Progress Payment Procedures.

BASIS OF PAYMENT: The BASE BID shall be paid at the contract unit price. Partial payments shall be reviewed and authorized as described in the above referenced specifications.

POINTS OF CONTACT

We ask all Contractors with questions and concerns regarding the bidding documents shall contact the Project Architect and/or CPM/CCM by e-mail so we may properly log, track, and respond to all issues. Please reference Olin Park Facility 9050 in the email subject line.

The Project Architect for this contract is:

Chris Oddo, AIA
InSite Consulting Architects
PH: 800-453-8086
PH: 608-445-9594
Email: chris@icsarc.com

The City Project Manager (CPM) for this contract is:

Amy Scanlon, AIA
City of Madison Engineering Division
PH: 608-267-0743
Email: ascanlon@cityofmadison.com

The City Construction Manager (CCM) for this contract is:

Mike Schuchardt
City of Madison Engineering Division
PH: 608-261-9249
Email: mschuchardt@cityofmadison.com



Department of Public Works
Engineering Division
Robert F. Phillips, P.E., City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
Phone: (608) 266-4751
Fax: (608) 264-9275
engineering@cityofmadison.com
www.cityofmadison.com/engineering

Deputy City Engineer
Gregory T. Fries, P.E.

Deputy Division Manager
Kathleen M. Cryan

Principal Engineer 2
John S. Fahrney, P.E.
Christopher J. Petykowski, P.E.
Janet Schmidt, P.E.

Principal Engineer 1
Christina M. Bachmann, P.E.
Mark D. Moder, P.E.
James M. Wolfe, P.E.

Facilities & Sustainability
Bryan Cooper, Principal Architect

Land Information & Official Map Manager
Eric T. Pederson, P.S.

Financial Manager
Steven B. Danner-Rivers

August 24, 2021

NOTICE OF ADDENDUM
ADDENDUM NO. 1
City of Madison, Engineering Division

CONTRACT NO. 9050
OLIN PARK FACILITY IMPROVEMENTS

This addendum is issued to modify, explain or correct the original Drawings, Specifications, or Contract Documents marked as *Olin Park Facility Improvements, City of Madison, Contract #9050, as issued on July 16, 2021* and is hereby made a part of the contract documents.

Please attach these Addendum documents to the Drawings Volume 1 (Exhibit A), Drawings Volume 2 (Exhibit B), Specifications (Exhibit C), and Bid Proposal Specification document in your possession.

1. CONTRACT

- A. **Page i:** Add REF DOC 4 – Roof Inspection Report and Repair List to Index
- B. **Page A-1: Section A: Instructions to Bidders:** City of Madison staff will be on site on Wednesday September 1 and Thursday September 2 from 9:00 AM - 4:00 PM to allow contractors to view the interior portions of the building. Staff will not be able to answer questions at these tours. All contractors must wear a mask when inside the building.
- C. **Page D-2: Section 104.2:** Add Roof Inspection Report to list of Reference Documents as REF DOC 4. Inspection Report and Repair List by GBR Corporation dated 3/10/20.
- D. Add REF DOC 4 – Roof Inspection Report and Repair List, see attached.

2. GENERAL CONTRACT CONDITIONS

- A. See DRAWINGS section below for revision information on drawing cover sheets A001.

3. GENERAL QUESTIONS AND ANSWERS

- A. **Question 1:** Will the furniture be removed from the space before construction?
Answer 1: Yes. The furniture will be removed from the space before construction begins.
- B. **Question 2:** Does the air handler have a separate condensing unit?
Answer 2: There is currently no separate condensing unit for the East Wing. The current system pulls from the water service.
- C. **Question 3:** Which windows get blinds?
Answer 3: Only windows with the key note indicating new blinds will receive new blinds.
- D. **Question 4:** Should there be blinds in room G014? That room doesn't have a note for new blinds, but does not have blinds.
Answer 4: Room G014 will also get new blinds. The plan note has been revised to show this correction in Drawing A302, see below.
- E. **Question 5:** Should blinds be hung from the ceiling grid like the blinds in room G011?
Answer 5: No. Please install the blinds on the inside of the window frames. Mounting the blinds to the ceiling grid is not desired.
- F. **Question 6:** Where is the existing intermediate distribution frame (IDF) on the first floor?



Answer 6: The existing IDF is located in the north telephone room across from the reception desk at the main entrance.

G. **Question 7:** Will there be new water service coming into the building as part of this project?

Answer 7: No. There is one existing 4" water line coming into the building that will remain.

H. **Question 8:** Will the plumber make the connection from the water service for the new fire suppression main?

Answer 8: Please refer to F30, F400, P401, and P500. The Plumbing contractor's scope includes providing a full 4" tee for use by the fire protection contractor. Fire Protection Contractor will have all fire protection piping downstream of tee including fire protection backflow preventer. Fire protection contractor and plumbing contractor shall coordinate exact pipe routings in area to maintain clearances for both trades.

I. **Question 9:** Will the building be unoccupied during construction?

Answer 9: Yes. The building will be unoccupied during construction.

J. **Question 10:** Sheet C300 notes that the sanitary lateral should be repaired by CIPP method, but no specification is provided.

Answer 10: The note on sheet C300 references the City of Madison Standard Specifications, Article 509. The link to the Standard Specifications can be found in the bid proposal document and on the City of Madison Public Works website.

K. **Question 11:** Who is the existing fire alarm manufacturer at this site?

Answer 11: The existing fire alarm manufacturer is Kidde Automated Systems (control panel model KAS-200). A Silent Knight IntelliKnight fire alarm control communicator is also part of the existing system.

L. **Question 12:** What bike rack is being shown on sheet C200? Please confirm that bike racks should be installed as part of the construction project.

Answer 12: The selected bike rack is Madrax Orion Circular Bike Rack, Surface Mount detail, ORN-2-SF-P. Madrax, 1080 Uniek Dr. Waunakee, WI 53597, 608-849-1080. Bike racks must be installed as part of the project.

M. **Question 13:** What electronic surveillance equipment should be included in the project?

Answer 13: There is no electronic surveillance equipment in the project at this time.

4. ACCEPTABLE EQUIVALENTS

A. Section 23 21 23: Add "Taco" to the list of acceptable pump manufacturers in paragraph 2.2.

B. Section 23 52 16: Add "Laars - MagnaTherm FT" to the list of acceptable manufactures in paragraph 2.1.

C. Section 23 72 00: Add "Thermotech", "Xetex", and "Semco" to the list of acceptable energy wheel manufacturers in paragraph 2.1.

D. Section 23 73 13: Add "Trane - Performance Climate Changer" to the list of acceptable manufactures in paragraph 2.1.

5. SPECIFICATIONS

A. Section 00 00 00 – Project Manual Cover Sheet – Update City project information.

B. Section 01 33 23 – 1.4 Action Submittal – additional note for pre-installation coordination meeting. See attached section.

C. Section 23 21 00: Remove and replace specification section with the attached section to add paragraphs 2.7 through 2.13.

6. DRAWINGS

A. Architectural

i. **Drawing A001:** Added City project information to cover sheet of drawing set.

ii. **Drawings A201 – A204:** Changed Keynote 3.3 to "NOT USED."

iii. **Drawings A201 – A204:** Removed Keynotes 10.3, 10.4, 10.5, and 11.4.

iv. **Drawing 1/A302:** Added Tag 10.3 to Office G14.



- v. **Drawing 1/A303:** Removed Tag 10.10 as shown on plans.
- vi. **Drawing 1/A901:** Added Tags 4 & 6 to Toilet Room B03.
- vii. **Drawing Finish Matrix/A904:** Added TIL-2B to Finish Matrix.

7. **OTHER**

- A. **Pre-Bid Site Tour Sign In Sheets:** July 27 and August 11, 2021. See attached.

Please acknowledge this addendum in Section E on page E-1: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on Bid Express at <https://www.bidexpress.com/> and the City of Madison web site at <http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 to receive the material by another method.

For questions regarding this bid, please contact:

InSite Consulting Architects
Chris Oddo, AIA
PH: 608-455-9594
Email: chris@icsarc.com

City of Madison
Amy Scanlon, Project Manager
PH: 608-267-0743
Email: ascanlon@cityofmadison.com

City of Madison
Mike Schuchardt, Construction Manager
PH: 608-261-9249
Email: mschuchardt@cityofmadison.com

Sincerely,

Christy Bachmann On behalf
Robert F. Phillips, P.E., City Engineer

**OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO. 9050**

INDEX

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SECTION G: BID BOND G-1

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SECTION I: PAYMENT AND PERFORMANCE BOND I-1

EXHIBITS FOR BIDDING PURPOSES:

- Exhibit A – Volume 1 Plans dated June 8, 2021
- Exhibit B – Volume 2 Plans dated June 8, 2021
- Exhibit C – Specifications dated June 8, 2021

EXHIBITS FOR BIDDING REFERENCE:

- REF DOC 1 – Lands for Work
- REF DOC 2 – Hazardous Materials Reports
- REF DOC 3 – Soil Borings Report
- REF DOC 4 – Roof Inspection Report and Repair List

This Proposal, and Agreement have
been prepared by:

**CITY ENGINEERING DIVISION
CITY OF MADISON
MADISON, DANE COUNTY, WISCONSIN**

Christy Bachmann on behalf of:

Robert F. Phillips, P.E., City Engineer

RFP: as

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS

REQUEST FOR BID FOR PUBLIC WORKS CONSTRUCTION CITY OF MADISON, WISCONSIN

A BEST VALUE CONTRACTING MUNICIPALITY

PROJECT NAME:	OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO.:	9050
SBE GOAL	5%
BID BOND	5%
SBE PRE BID BUILDING TOUR #1 (1:00 P.M.)	TUESDAY JULY 27, 2021
SBE PRE BID BUILDING TOUR #2 (1:00 P.M.)	WEDNESDAY AUGUST 11, 2021
BIDDER QUESTIONS, CLARIFICATIONS & REQUESTS FOR SUBSTITUTIONS	THURSDAY AUGUST 26, 2021
PREQUALIFICATION APPLICATION DUE (2:00 P.M.)	THURSDAY SEPTEMBER 2, 2021
BID SUBMISSION (2:00 P.M.)	THURSDAY SEPTEMBER 9, 2021
BID OPEN (2:30 P.M.)	THURSDAY SEPTEMBER 9, 2021
PUBLISHED IN WSJ	JULY 22, 29 & AUG 5, 12, 19, 26 & SEPT 2

PRE BID BUILDING /SITE TOUR:

The City of Madison is conducting two (2) Pre-Bid Walk Through sessions at the Olin Park Facility, 330 E Lakeside Street, during the bidding period of this contract. All contractors are invited to attend a short introductory meeting, a short guided tour of the project area, and then will be allowed to more thoroughly review the project area at their own pace. Please refer to the schedule table above for Walk Through dates and times. **Please note: The City is following CDC Covid precaution protocols and all non-vaccinated attendees shall wear a mask and maintain appropriate social distancing when inside the building.**

These are the only times contractors shall be allowed access to non-public areas of the project site. Contractors may review public areas at any time during normal park/operating hours.

Staff from InSite Consulting Architects, City Project Manager (CPM), and City Construction Manager (CCM) will be in attendance to take questions related to the plans and specifications. Questions shall be recorded and responded to in the form of a published addendum.

City of Madison staff will be on site on Wednesday September 1 and Thursday September 2 from 9:00 AM - 4:00 PM to allow contractors to view the interior portions of the building. Staff will not be able to answer questions at these tours. All contractors must wear a mask when inside the building.

BIDDER QUESTIONS, CLARIFICATIONS, AND REQUESTS FOR SUBSTITUTIONS:

If needed, InSite Consulting Architects and/or the City Project/Construction Manager shall publish addenda to respond to any questions, clarifications, or requests for substitutions.

- Any questions or requests for clarifications regarding plans and specifications shall be submitted directly to InSite Consulting Architects and the CPM/CCM. Responses that change the contract scope and/or schedule will be published by InSite Consulting Architects and/or the CPM/CCM in the form of a published bidding addendum.
- Requests for substitutions shall be done according to Specification 01 25 13 Product Substitution Procedures and other specifications as necessary. Use the form at the end of the specification. Contractors are cautioned to review all specifications and note whether substitutions for specific products will be allowed or not.
- See the contract contact information at the end of Section D-Special Provisions for contact information. All questions and/or substitution requests shall be sent via email, reference Olin Park Facility 9050.
- **The deadline for receiving all questions, clarifications, and requests for substitutions shall be as indicated in the schedule table above.**

SECTION 104.1: LANDS FOR WORK

General outlines for the Lands for Work for this contract are represented in REF DOC 1 and generally include the east wing of the building, the west wing (for limited work scope only), the lower east parking area, the upper portion of the main parking lot and the lower portion of the main parking lot (for limited work scope only). All use of the City Lands for Work – by the Contractor - shall be reviewed and approved by the CCM.

The Olin Park Facility is situated within Olin Park and contains two wings – the East Wing at 330 E Lakeside St (the primary construction site) and the West Wing at 328 E Lakeside St. The Contractor for this Work will be responsible for a limited scope of work in the West Wing. Once that limited scope of work is completed by the Contractor for this Work, the West Wing tenant may have a separate contractor completing tenant improvements in the West Wing.

The Contractor for this Work must coordinate with the tenant's contractor to assist in access for both parties. The Contractor for this Work must also coordinate the work so as not to interfere with other contractors, tenants, or members of the public.

Vehicles can only be parked on site in the area indicated as the Lands for Work during construction business hours.

No tobacco product use is allowed on the Lands for Work or near the adjacent residential buildings.

SECTION 104.2: INTENT AND COORDINATION OF CONTRACT DOCUMENTS

The contract documents are complimentary of each other and consist of all of the following:

- The City Standard Specifications for Public Works Construction, 2021 Edition
- These Special Provisions including all plans and specifications as noted by the exhibits listed below.

EXHIBITS FOR BIDDING PURPOSES:

Exhibit A – Volume 1 Plans dated June 8, 2021

Exhibit B – Volume 2 Plans dated June 8, 2021

Exhibit C – Specifications dated June 8, 2021

EXHIBITS FOR BIDDING REFERENCE:

REF DOC 1 – Lands for Work

REF DOC 2 – Hazardous Materials Reports

REF DOC 3 – Soil Borings Report

REF DOC 4 – Roof Inspection Report and Repair List

- All Addenda to the bidding documents.

SECTION 105.5: INSPECTION OF WORK

The Contractor shall coordinate directly with any and all regulatory agencies having jurisdiction over the licensing, permitting, and inspection of work as described in the construction documents.

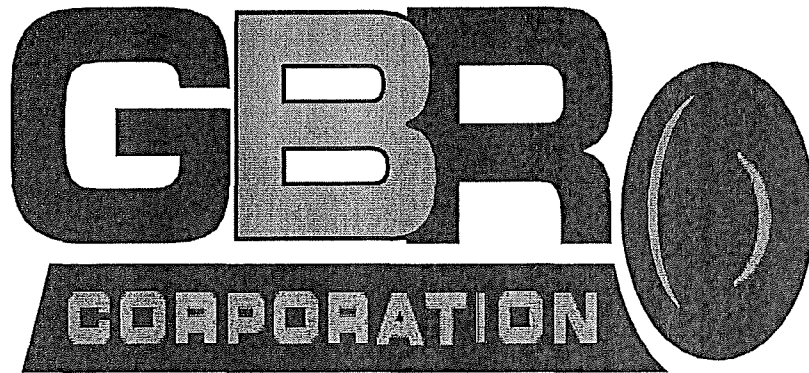
All Contractors shall be familiar with Specification 01 45 16 – Field Quality Control Procedures regarding City of Madison policies and procedures for Quality Assurance and Quality Control.

SECTION 105.6: CONTRACTORS RESPONSIBILITY FOR WORK

The Contractor shall not take advantage of any discrepancy in the plans or specifications. This shall include but not be limited to apparent errors, omissions, and interpretations involving codes, regulations, and standards.

Any Contractor who identifies such a discrepancy during the bidding process shall notify InSite Consulting Architects, the CPM, and the CCM of the discrepancy prior to the "Questions and Clarifications Deadline" as noted in Section A of the bid documents.

Any Contractor who identifies such a discrepancy after the bidding process and/or after contract signing shall immediately notify InSite Consulting Architects, the CPM, and the CCM in writing and request clarification on how to proceed. See Specification 01 26 13 – Request for Information (RFI).

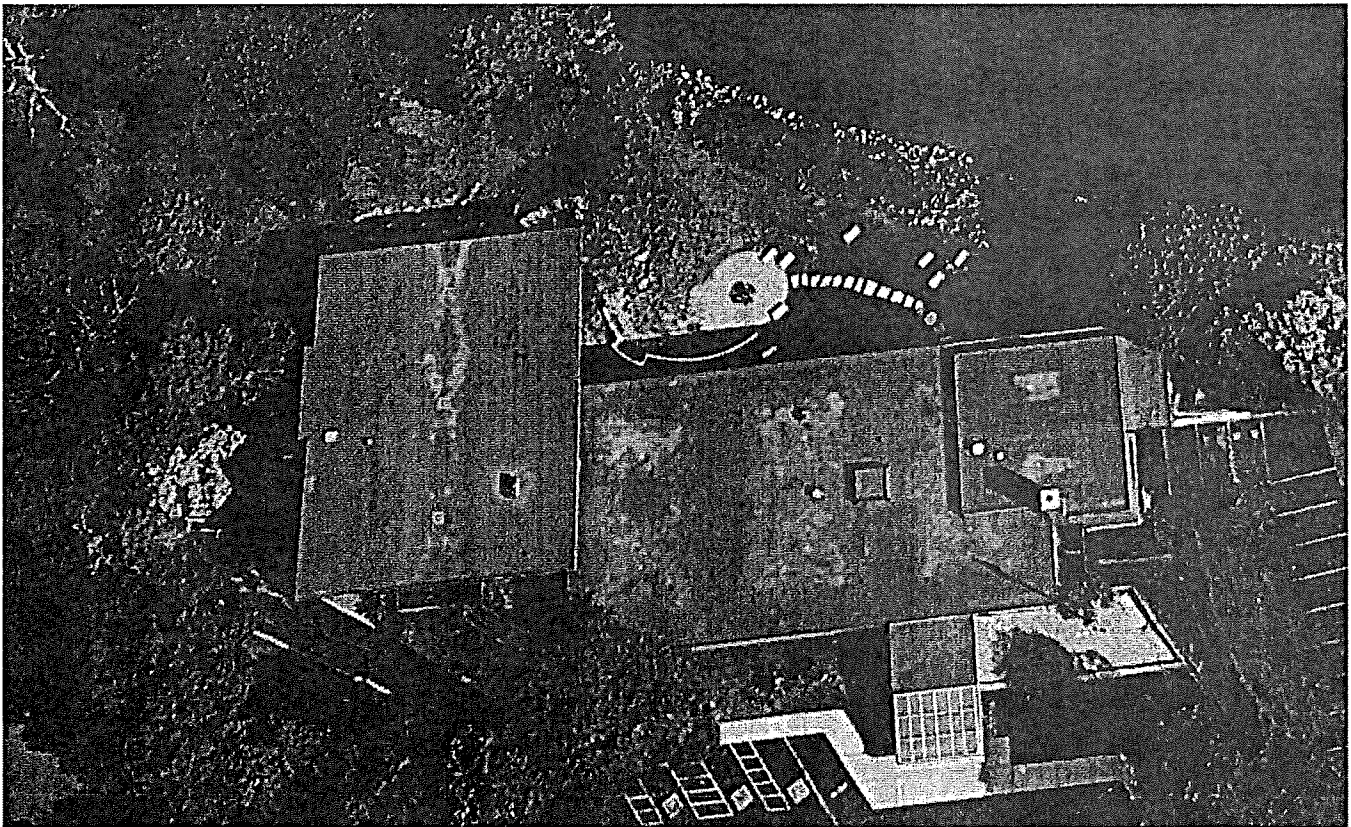


Roof Inspection Report

SITE OVERVIEW

City of Madison Parks Department

330 E. Lakeside St.
Madison, Wisconsin

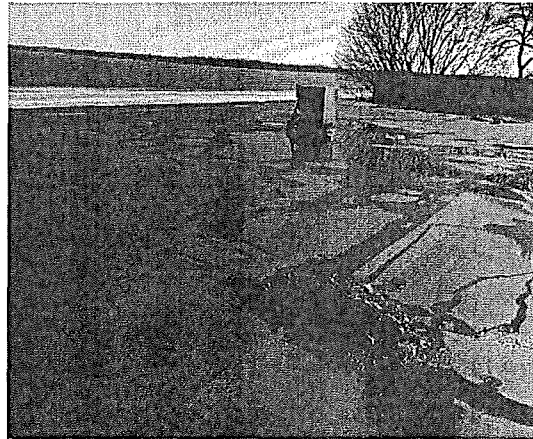


Date of Inspection: 03/10/2020

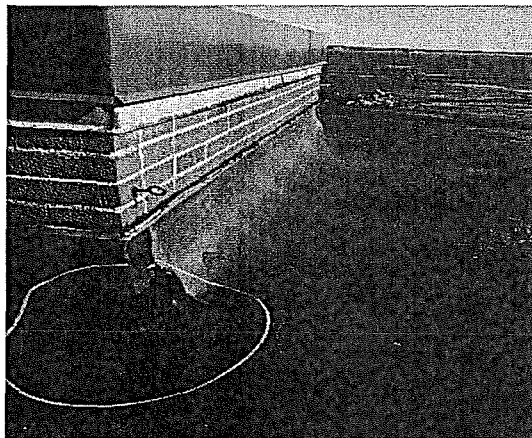
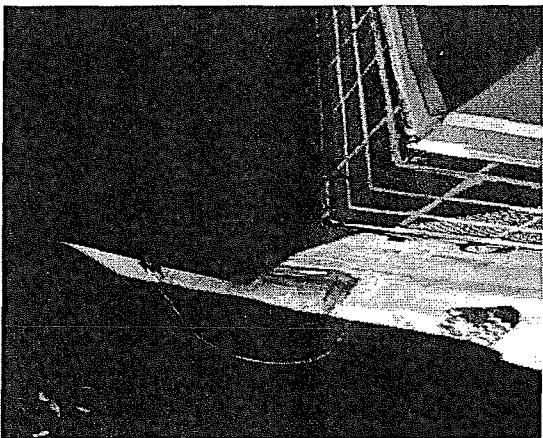
Total Square Feet: Approximately 19,775 square feet

GENERAL ROOF CONDITION

Fully Adhered Rubber Membrane: OK - There are two rubber roofs that are glued to each other on top of a tar roof. Overall, the roof doesn't look too bad.



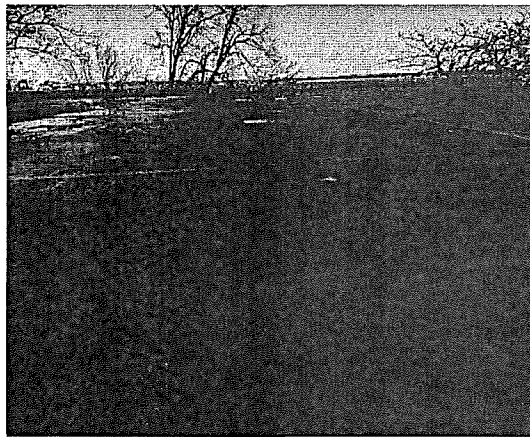
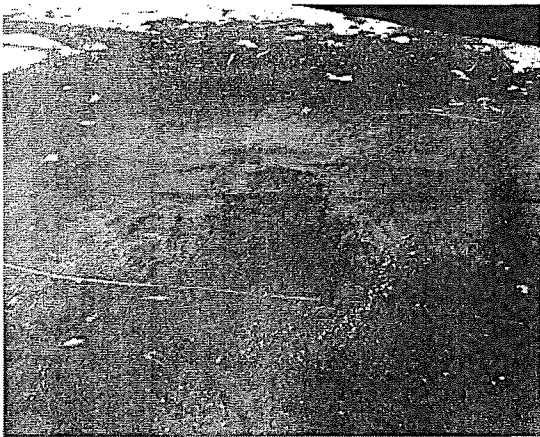
Membrane De-laminating or Tenting: 40' of delamination and base tie-in failure (tenting) was identified at the elevator shaft. This is causing unusual pull/shrink of the membrane.



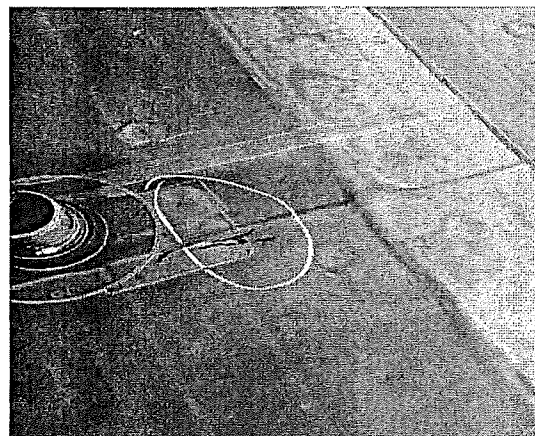
Holes: We identified one hole on the upper roof and temporarily sealed it with caulk until approval to make a full repair.

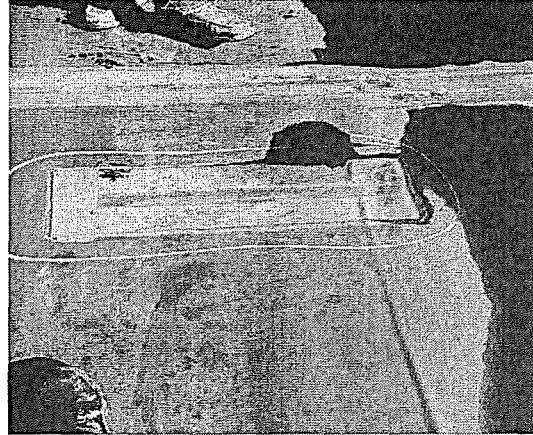
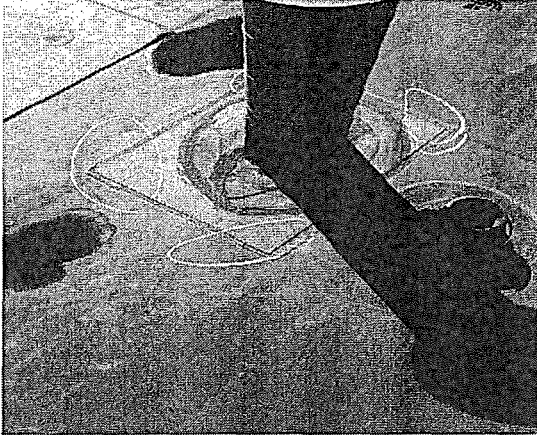


Insulation Warping or Saturated: There is an area of mushy area of insulation on the east upper roof.



Seams and Patches: LOWER MAIN ROOF - identified a bad patch by a pitch pan and two bad patches by a drain. UPPER MAIN ROOF - identified a fish mouth in the middle seam, four patches that are needed by a pipe, another pipe has a bad patch and there are two bad patches by another larger big patch.

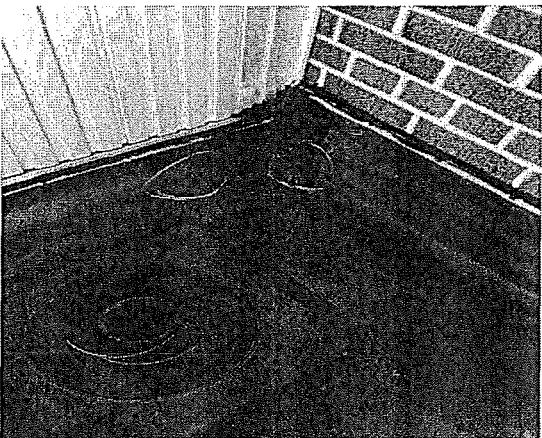
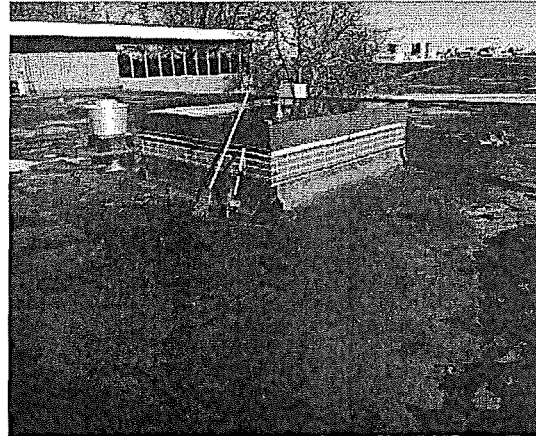
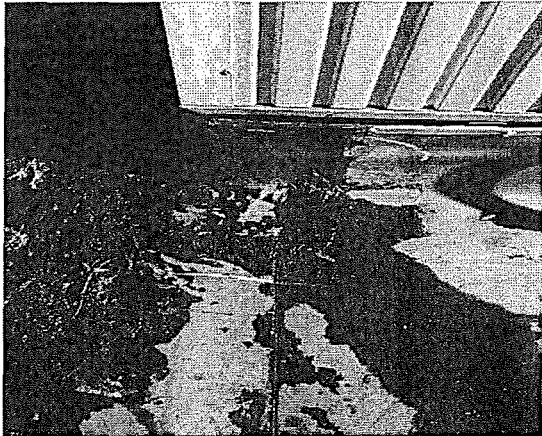


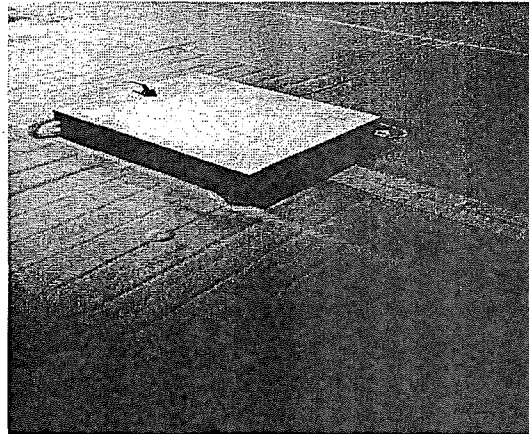
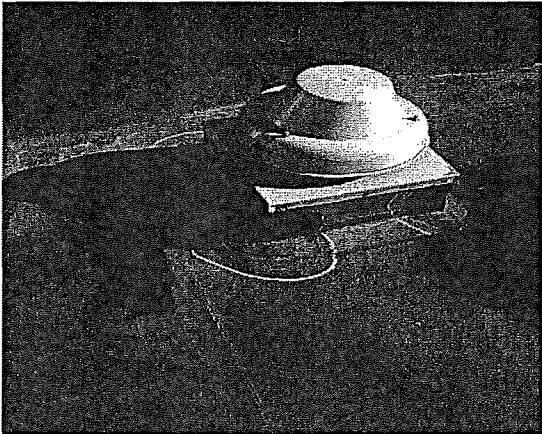


Storm Collar Seals: OK

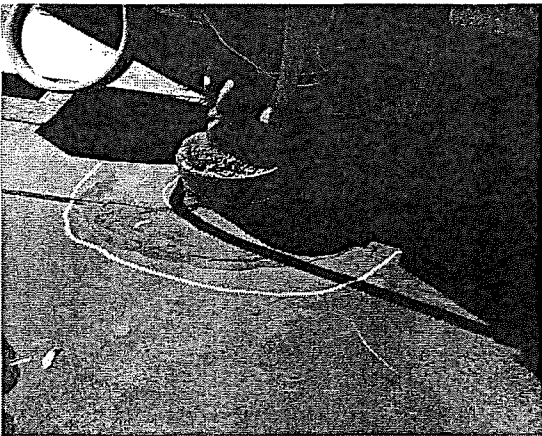
ROOF PENETRATIONS

Bad Corners on Roof Penetrations and Exterior Walls: LOWER MAIN ROOF - identified three bad corners by the elevator shaft, a bad corner by a small upper roof and a bad corner by a chimney. UPPER MAIN ROOF - identified four bad corners by a hatch. EAST UPPER ROOF - identified four bad corners by a small vent.

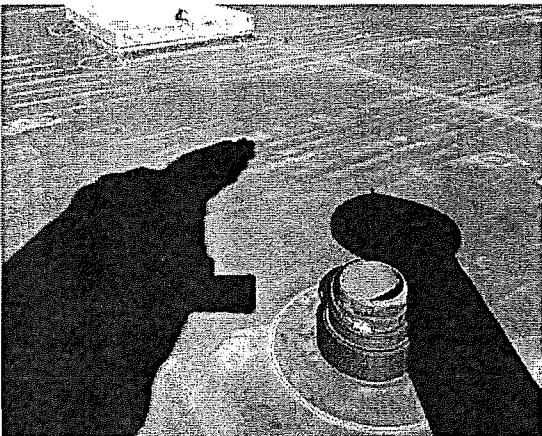




Pitch Pockets/Pans: Identified one bad pitch pan seal on the lower main roof.

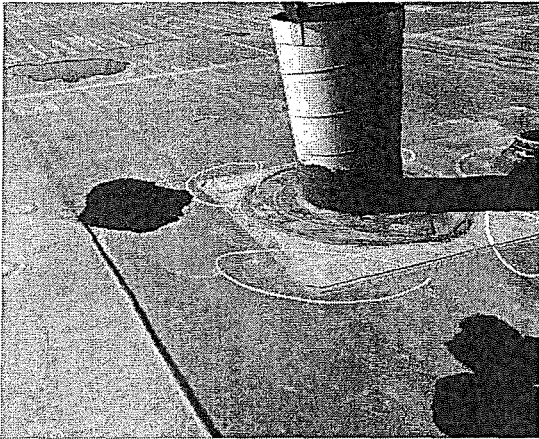


Boots and Clamps: OK



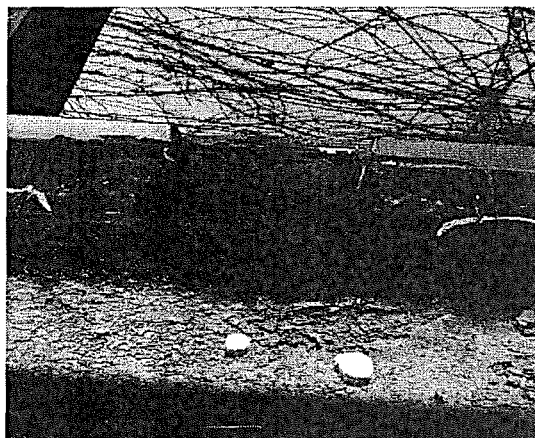
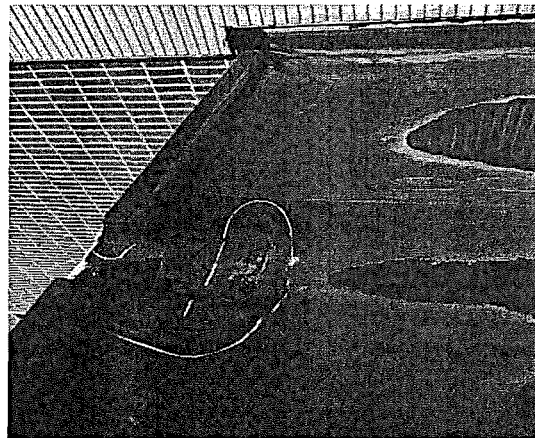
Membrane Deterioration Near Exhaust Vents: OK – no deterioration detected at time of inspection.

Field Fabricated Flashings: OK

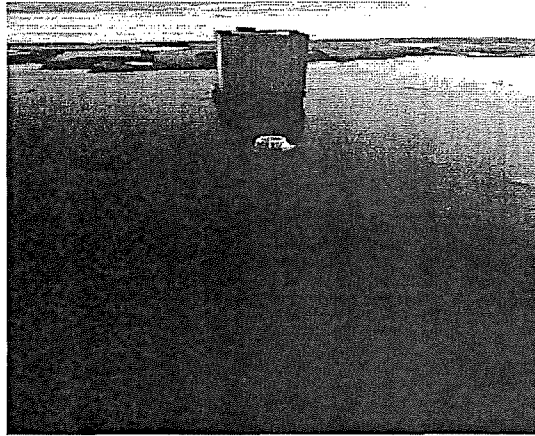
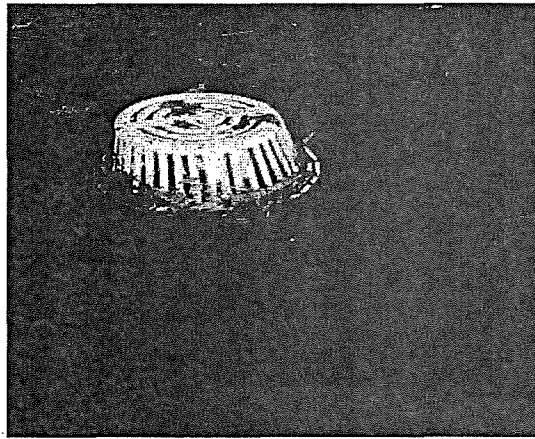


ROOF DRAINAGE

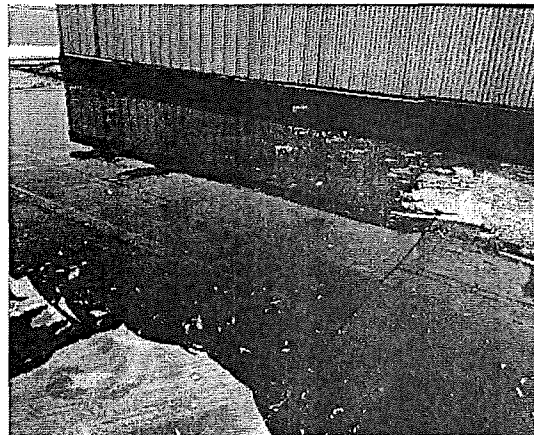
Bridged Flashings on Scuppers: One bad scupper on the east narrow roof of the upper main roof should be resealed, one scupper on the small south roof should be resealed, one scupper on the west canopy should be resealed and one scupper on the east canopy should be resealed.



Drains and Components: We identified a lot of environmental debris such as leaves clogging the drain strainers and causing pooling. We cleaned the strainers out as part of the inspection process.

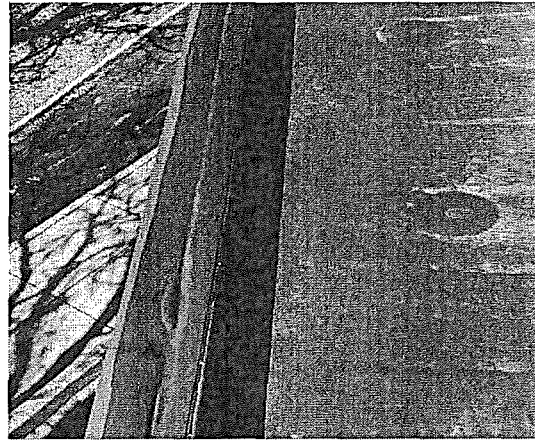
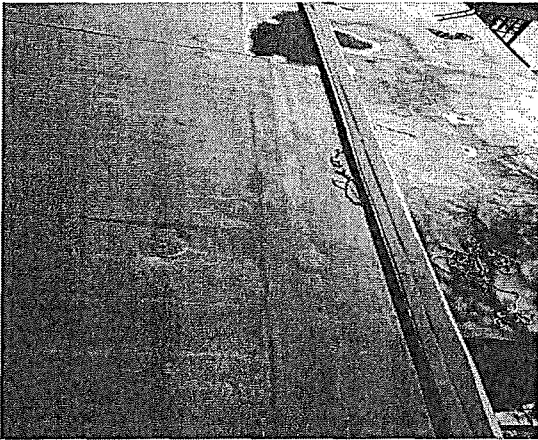


Pooling and Standing Water: The roof holds water in areas by the drains and the elevator shaft.



METAL & TRIM

Metal Stripping: OK – very thin but looks OK



Counter Flashings: OK

Caulking: Approximately 48' of term bar needs resealing and 10' of counter flashing needs resealing on the east upper roof.

ADDITIONAL COMMENTS & RECOMMENDATIONS

The roof is in average condition for the age. Below is a summary of the deficiencies and items that were identified at the time of inspection that we recommend for repair:

- 1 pitch pan that needs to be resealed
- 1 hole that needs to be repaired
- 13 bad corners that need to be repaired
- 8 bad patches that need to be repaired
- 4 scuppers that need to be resealed
- 40' of base tie-in failure that needs to be repaired
- 58' of term bar and counter flashing that needs to be resealed.

QUESTIONS & TO SCHEDULE REPAIRS / REPLACEMENT

Regular maintenance and upkeep can lower overall roof maintenance costs and protect the valuable assets covered by your roof. Please contact **GBR Corporation** at (608) 838-0066 with any questions on this report or to request a quote for repairs or replacement.

330 E. Lakeside Street



Repair List with Do Not Exceed Limit

Repair	Do Not Exceed
Reseal 1 pitch pan	\$125.00
Repair 1 hole	\$100.00
Repair 13 bad corners on roof vents & exterior walls	\$1,625.00
Repair 8 bad patches and a seam with fish mouth	\$550.00
Reseal 4 scuppers	\$1,000.00
Repair 40' of base tie failure by an elevator shaft	\$3,000.00
Reseal 58' of term bar and counter flashing	\$550.00
Area of mushy insulation	monitor for the time being
TOTAL DO NOT EXCEED:	\$6,950.00

Project Manual
Olin Park Building Improvements

City of Madison Parks Division

Issue for Bid

June 8, 2021

Madison Contract No. 9050

Madison Munis No. 12856

PUBLIC IMPROVEMENT PROJECT APPROVED:

RES #: 21-00463

FILE ID: 65900

DATE: 7/12/2021

BY THE COMMON COUNCIL OF MADISON, WI

PUBLIC IMPROVEMENT PROJECT APPROVED BY:

CITY ENGINEER

DATE

play
**MADISON
PARKS**



InSite Consulting Architects



SECTION 01 33 23
SUBMITTALS

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14
15 **PART 1 – GENERAL**

16
17 **1.1. SUMMARY**

- 18 A. The General Contractor (GC) shall be responsible for providing submittals for review of all contractors and sub-
19 contractors as designated in the construction documents. Submittals shall include but not be limited to all of the
20 following:
21 1. Equipment specified and pre-approved in the specification; to ensure quality, construction, and
22 performance specifications have not changed since final design.
23 2. Equipment specified by performance in the specification; to ensure that the intended quality,
24 construction, and performance specified is met by the selected material or product.
25 3. Shop, piece, erection, and other such drawings as indicated in the specifications to ensure all structural,
26 dimensional, and assembly requirements are being met.
27 4. Submittals indicating installation sequencing
28 5. Submittals indicating control sequencing
29 6. Contractor licensing, certification, and other such regulatory documentation when required by a
30 specification.
31 7. Other submittals as may be required by individual specifications.
32 B. The submittal process shall not be used to determine alternates to specified products or equipment. All
33 considerations shall be reviewed during the bidding process and acceptable alternates shall be acknowledged by
34 addendum prior to the closing of bidding. See bidding instructions for the information on submitting alternates
35 for consideration.
36 D. In the event that a manufacturer has significantly changed a product (discontinued a model, changed dimension
37 or performance data changed available colors, etc.) since bid opening the GC shall submit a Request for
38 Information (RFI) to the Project Architect requesting other approved alternates prior to uploading a digital
39 submittal.
40 E. Contractors and sub-contractors shall be responsible for knowing the submittal requirements of ALL sections
41 within their scope of work under the contract. The Owner reserves the right to request documentation on any
42 materials, equipment, or product being installed where a submittal is not on file. If the material, equipment, or
43 product installed is determined not to meet the intent of the specification the contractor/sub-contractor shall be
44 required to remove and replace the items involved. The GC shall be solely responsible for all costs associated
45 with the removal and replacement.

46
47 **1.2. RELATED REFERENCES**

- 48 A. Section 01 29 76 Progress Payment Procedures
49 B. Section 01 31 23 Project Management Web Site
50 C. Section 01 32 19 Submittals Schedule
51 D. Section 01 32 26 Construction Progress Reporting
52 E. Section 01 91 00 Commissioning
53 F. All Technical Specifications, contract documents, construction drawings, and any published addendums during
54 the bidding process.
55 G. All contract documents generated during the execution of the contract including but not limited to Requests for
56 Information (RFI) and Construction Bulletins (CB).
57

1 **1.3. SUBMITTAL REQUIREMENTS**

- 2 A. A completed submittal shall meet the following requirements:
- 3 1. Digital submittal shall be original PDF of manufacturer's data sheets or high quality color scan of the
- 4 same.
- 5 a. Submittals shall not include sales fliers or other similar documents that typically do not provide
- 6 complete manufacturers data.
- 7 2. Documents within the PDF submittal shall be printable to a sized sheet no less than 8-1/2 by 11 inches
- 8 and no larger than 24 by 36 inches.
- 9 3. At the beginning of each submittal the contractor shall identify the plan reference (WC-1, EF-3, etc.) in
- 10 RED block letters that the submittal is for.
- 11 4. Where multiple model numbers appear in a table the contractor shall identify the specific model being
- 12 submitted by using a RED square, box, or other designation to distinguish the correct model from others
- 13 on the page.
- 14 B. A complete submittal will include all information associated with the product or equipment as presented in
- 15 plans, equipment tables, and specifications. Information shall include but not be limited to the following:
- 16 1. Dimensional data
- 17 2. Performance data
- 18 3. Resource requirements, power, water, waste, etc
- 19 4. Clearance and maintenance requirements
- 20 5. Finish information, colors, textures, etc.
- 21 6. Warranty information
- 22 C. Where a submittal includes material samples (carpet, tile, paint draw downs, etc.) the contractor shall do the
- 23 following:
- 24 1. The Contractor shall submit the sample(s) as indicated in the specification.
- 25 2. The Contractor shall include a quality photograph(s) of the product with the digital submittal.
- 26 Photographs shall meet the following requirements:
- 27 a. Formatted to be between 500Kb and 1.0 Mb in file size
- 28 b. Have no glare or flash reflection on the sample
- 29 c. Sample fills the frame of the photo and shows detail as needed. Include multiple photos from
- 30 other angles as needed.
- 31 d. Scanned copies of products or photos are not acceptable.
- 32 D. Uploaded submittals should be relative and related to a specific written specification.
- 33 1. Do not upload submittals under a broad category or division (I.E. HVAC 23 00 00). Always upload by the
- 34 specific specification that identifies a required product or performance to be met.
- 35 2. Group related items together if the specification is written that way. (I.E. all of the plumbing fixtures and
- 36 trim relative to one specific specification should be submitted together).
- 37 3. Submittals shall be grouped and adhere to the divisions in the submittal schedule. Submittals that do not
- 38 conform to the submittal schedule and/or specification divisions will be rejected for re-submittal.

39 **1.4. ACTION SUBMITTALS**

- 40 A. Pre-Procurement/Installation Meeting Requirement:
- 41 1. After submission of all door/frame/hardware submittals (and related low voltage door hardware
- 42 submittals) Contractor will organize a meeting(s) with Owner, Architect, General Contractor, Electrician,
- 43 Door/Frame/Hardware Supplier/Installer, Low-Voltage Supplier/Installer, and others as applicable to
- 44 comprehensively review and explain each door opening's submitted hardware package operation. No
- 45 procurement of door hardware (and related low voltage components) shall be procured until this
- 46 meeting is completed; and until related submittals are related to by the Owner/Architect team.

47 **PART 2 – PRODUCTS – THIS SECTION NOT USED**

48 **PART 3 - EXECUTION**

49 **3.1. GENERAL CONTRACTORS PROCEDURES**

- 50 A. All required submittals will be uploaded to the Construction Administration-Submittal Drawings Library on the
- 51 Project Management Web Site (PMWS) by the GC.
- 52 1. The GC shall open a new Submittal Form in the Submittals Drawings Library for each required submittal
- 53 from the Submittals schedule.
- 54 2. Fill in required information on the form that will be used for routing the review and comments.
- 55 3. Attach all documentation as described in Section 1.3 above.
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SECTION 23 21 00
HYDRONIC PIPING

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PART 1 – GENERAL

- 1.1 SECTION INCLUDES
- 1.2 QUALITY ASSURANCE
- 1.3 SUBMITTALS
- 1.4 DELIVERY, STORAGE, AND HANDLING

PART 2 – PRODUCTS

- 2.1 STEEL PIPE (ABOVE GRADE)
- 2.2 COPPER PIPE (ABOVE GRADE)
- 2.3 VALVES
- 2.4 LOCK OUT TRIM
- 2.5 CHECK VALVES
- 2.6 STRAINERS
- 2.7 EXPANSION TANK
- 2.8 AIR VENTS
- 2.9 AUTOMATIC AIR VENTS
- 2.10 MAKE-UP WATER ACCESSORIES
- 2.11 BALANCING VALVE
- 2.12 COALESCING TYPE COMBINATION AIR ELIMINATOR AND DIRT SEPARATOR
- 2.13 DRAIN VALVES AND BLOWDOWN VALVES

PART 3 – EXECUTION

- 3.1 PREPARATION
- 3.2 SYSTEMS, PIPING, AND VALVE SCHEDULE
- 3.3 TESTING PIPING
- 3.4 CLEANING PIPING
- 3.5 INSTALLATION
- 3.6 PIPE ERECTION AND LAYING
- 3.7 DRAINING AND VENTING
- 3.8 BRANCH CONNECTIONS
- 3.9 JOINING OF PIPE

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Pipe and Pipe Fittings
- B. Valves
- C. Check Valves
- D. Strainers
- E. System Piping Schedule

1.2 QUALITY ASSURANCE

- A. Valves: Manufacturer's name and pressure rating marked on valve body. Remanufactured valves are not acceptable.

1.3 SUBMITTALS

- A. Submit product data under provisions of Section 23 05 00. Include data on pipe materials, fittings, valves, and accessories. Include manufacturers' support spacing requirements for plastic piping.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store and protect piping to prevent entrance of foreign matter into pipe and to prevent exterior corrosion.

1 B. Deliver and store valves in shipping containers with labeling in place.

2 **PART 2 - PRODUCTS**

3 **2.1 STEEL PIPE (ABOVE GRADE)**

4 A. Design Pressure 125 psig, Maximum Design Temperature 225°F (230°F for grooved couplings).

5 B. Black Steel; Standard Weight; Threaded Joints:

- 6 1. Pipe: Standard weight black steel, threaded and coupled, ASTM A53; Type E, F, or S;
7 Grade B.
8 2. Joints: Screwed.
9 3. Fittings: Class 125 cast iron, ASTM A126, ASME B16.4; or Class 150 malleable iron,
10 ASTM A197, ASME B16.3.
11 4. Unions: Class 150 malleable iron, ANSI B16.39, ground joint with copper or copper
12 alloy-to-iron seat.

13 C. Black Steel; Standard Weight; Welded or Flanged Joints:

- 14 1. Pipe: Standard weight black steel, beveled ends, ASTM A53, Type E or S, Grade B.
15 2. Joints: Butt-welded or flanged.
16 3. Fittings: Standard weight wrought steel, butt-welding type, ASTM A234, ASME B16.9.
17 4. Flanges: Class 150 forged steel, welding neck or slip-on, ASTM A181 or A105, Class 60,
18 ASME B16.5 up to 24" and B16.47 above 24". ASME B16.1 for flanges mating with flat
19 face equipment flanges. Flange face seal weld (backweld) is required for slip-on flanges.

20 D. Black Steel; Standard Weight; Welded:

- 21 1. Design Pressure: 125 psi. Maximum Design Temperature: 1000°F.
22 2. Pipe: Standard weight black steel, beveled ends, ASTM A53.
23 3. Joints: Butt welded.
24 4. Fittings: Standard weight seamless steel, butt weld type, ASTM A234, Grade WPB, ANSI
25 B16.9.

26 **2.2 COPPER PIPE (ABOVE GRADE)**

27 A. Design Pressure 125 psig. Maximum Design Temperature 225°F.

28 B. Copper Pipe; Type L; Soldered Joints:

- 29 1. Tubing: Type L drawn temper seamless copper tube, ASTM B88.
30 2. Joints: Solder with Type 95-5 solder. 50-50 solder is not acceptable.
31 3. Fittings: Wrought copper solder joint, ASME B16.22.

32 **2.3 VALVES**

33 A. Shutoff Valves:

34 1. For pipe systems where mechanical press connections are allowed, shutoff valves with
35 mechanical press connections are acceptable subject to the requirements in the
36 paragraphs below.

37 2. Ball Valves:

- 38 a. BA-1 (Steel and Copper): 3" and under, 125 psi saturated steam, 600 psi WOG,
39 full port, screwed or solder ends (acceptable only if rated for soldering in line with
40 470°F melting point of lead-free solder), bronze body of a copper alloy containing
41 less than 15% zinc, stainless steel ball and trim, Teflon seats and seals.

- 1) Manufacturers:
- a) Apollo #77C-140
 - b) Stockham #S-206 BR1-R
 - c) Milwaukee #BA-400
 - d) Watts
 - e) Nibco #585-70-66
 - f) National Utilities Co.
 - g) RUB.
- 2) Provide extended shaft with operating handle of non-thermal conductive material and protective sleeve that allows operation of valve, adjustment of the packing, and adjustment of the memory stop without breaking the vapor seal or disturbing the insulation for all valves in insulated piping.
- 3) Provide lock out trim for all valves opening to atmosphere installed in domestic water piping over 120°F, heating water piping over 120°F, steam, condensate, boiler feed water piping, compressed air piping and gasoline/kerosene piping, and as indicated on the drawings. Solid extended shaft is not required on valves with lock out trim.
- b. BA-1A (Steel): 2-1/2" and 3", 125 psi saturated steam, 275 psi WOG ANSI Class, 150 psi standard port, carbon steel body stainless steel ball and trim, Teflon seats and seals.
- 1) Manufacturers:
- a) Apollo #88A-100
 - b) Nibco #F510-CS/66
 - c) Milwaukee #F90.
- 2) Provide extended shaft with operating handle of non-thermal conductive material and protective sleeve that allows operation of valve, adjustment of the packing, and adjustment of the memory stop without breaking the vapor seal or disturbing the insulation for all valves in insulated piping.
- 3) Provide lock out trim for all valves opening to atmosphere installed in domestic water piping over 120°F, heating water piping over 120°F, steam, condensate, boiler feed water piping, compressed air piping and gasoline/kerosene piping, and as indicated on the drawings. Solid extended shaft is not required on valves with lock out trim.
3. Butterfly Valves:
- a. BF-1:
- 1) 2-1/2" thru 6", 175 psi CWP, elastomers rated for 20°F to 225°F continuous and 250°F intermittent at 125 psig, fully lugged end, ductile or cast iron body (not in contact with fluid); bronze, aluminum-bronze or EPDM coated ductile iron disc; EPDM seat, stainless steel stem, extended neck, 175 psi bubble-tight, bi-directional dead-end shutoff without backing flange or nuts and with cap screws extending to centerline of valve body (for pipe extension without draining system), 10 position locking operator up to 6" size. Cv of at least 1580 in 6" size.
- 2) Manufacturers:
- a) Center Line Series 200
 - b) Keystone #222
 - c) Watts #DBF-03-121-1P
 - d) Nibco N200 Series or LD2000 Series
 - e) Milwaukee CL series
 - f) Hammond 5200 series.

1 **2.4 LOCK OUT TRIM**

2 A. Provide lock out trim for all quarter turn valves opening to atmosphere installed in heating water
3 piping over 120°F and as indicated on the drawings.

4 **2.5 CHECK VALVES**

5 A. For pipe systems where mechanical press connections are allowed, check valves with mechanical
6 press connections are acceptable subject to the requirements in the paragraphs below.

7 **2.6 STRAINERS**

8 A. ST-2: Cast iron body, 125 lb. flanged ends, bolted cover, 125 psi S @ 353°F, 175 psi WOG @
9 150°F.

10 1. Manufacturers:

- 11 a. Armstrong #A1FL
- 12 b. Metraflex #TF
- 13 c. Mueller Steam Specialty Co.#758
- 14 d. Sarco #CI-125
- 15 e. Watts #77F-D
- 16 f. Victaulic #732 or #W732
- 17 g. NIBCO F-721-A.

18 B. Unless otherwise indicated, strainers shall be Y-pattern and have stainless steel screens with
19 perforations as follows:

20 1. Pipe Size:

- 21 a. 1/4" - 2": 1/32" screen
- 22 b. 2-1/2" - 8": 1/16" screen
- 23 c. 10" and Up: 1/8" screen

24 C. Furnish pipe nipple with ball valve, threaded hose connection, and cap to blow down all strainer
25 screens.

26 D. Use bronze body strainers in copper piping and iron body strainers in ferrous piping.

27 **2.7 EXPANSION TANK**

28 **A. Bladder type**

29 **1. Tank shall be welded steel, ASME construction and stamped.**

30 **2. Tank shall be complete with heavy-duty replaceable butyl bladder, charging valve, lifting
31 ring, drain tapping, and system connection.**

32 **3. 125 psig gauge working pressure and 240°F maximum operating temperature.**

33 **4. Acceptable Manufacturers: Thrush, Taco, Bell & Gossett, Armstrong, Watts, Wessels,
34 Wheatley, Amtrol, Patterson, Grundfos**

35 **2.8 AIR VENTS**

36 **A. At end of main and other points where large volume of air may be trapped - Use 1/4" globe valve,
37 angle type, 125 psi, Crane #89, attached to coupling in top of main, 1/4" discharge pipe turned
38 down with cap.**

1 B. On branch lines and small heating units - Use coin-operated air vent equal to B&G #4V, attached to
2 1/8" coupling in top of pipe. Install air vents on all coils and terminal heating units.

3 **2.9 AUTOMATIC AIR VENTS**

4 A. Low capacity automatic air vent (for bladder tank anti-thermosyphon loops). Maximum operating
5 pressure and temperature of at least 240°F and 125 psi, 1/2" or 3/4" inlet. B&G #87, Armstrong,
6 Spirotherm, Taco, or Watts.

7 B. High/low capacity automatic air vent (for air separator connection). Maximum operating pressure
8 and temperature of at least 240°F and 125 psi, 3/4" inlet, 3/8" minimum outlet. B&G #107,
9 Armstrong, Spirotherm, Taco, or Watts.

10 **2.10 MAKE-UP WATER ACCESSORIES**

11 A. Pressure Reducing Valve:

12 1. For water fill lines to hydronic systems.

13 2. Pressure reducing valve. Removable strainer, field adjustable discharge pressure, brass
14 body, disc and seat, union with 1/2" or 3/4" NPT sweat connection, 125 psig maximum
15 working pressure, 225°F maximum temperature.

16 3. Acceptable Manufacturers: Armstrong, Bell & Gossett, Conbraco, Thrush, Watts.

17 B. Relief Valve:

18 1. For water fill lines to hydronic systems.

19 2. Cast iron or bronze body, 1/2" or 3/4" screwed connections, 125 psig working pressure,
20 225°F maximum temperature. Minimum 500,000 Btuh capacity at 30 psig. Manual test
21 lever.

22 3. Acceptable Manufacturers: Armstrong, Bell & Gossett, Conbraco, Taco, Watts.

23 **2.11 BALANCING VALVE**

24 A. Rated for 125 psi working pressure and 250°F operating temperature, taps for determining flow with
25 a portable meter, positive shutoff valves for each meter connection, memory feature, tight shutoff,
26 and a permanent pressure drop between 1' and 2' water column at full flow with valve 100% open.
27 Furnish with molded, removable insulation covers.

28 B. Provide a nomograph to determine flow from meter reading (and valve position on units which
29 sense pressure across a valve). Graph shall extend below the specified minimum flow.

30 C. Valves in copper piping shall be brass or bronze.

31 1. Quarter-Turn Venturi Style:

- 32 a. Presso "B+
- 33 b. Griswold "Quickset"
- 34 c. Gerand "BALVALVE Venturi"
- 35 d. HCL "Terminator B"
- 36 e. Nexus Valve "UltraXB Orturn"
- 37 f. IMI Hydronic Engineering "Accusetter"

2.12 COALESCING TYPE COMBINATION AIR ELIMINATOR AND DIRT SEPARATOR

- A. Coalescing type air eliminator and dirt separator shall be fabricated from steel and ASME constructed and certified for 125 psi working pressure and 270°F operating temperature. Units 2-1/2 inches and smaller shall have threaded connections. Units 3 inches and larger shall have flanged connections.
- B. Air elimination and dirt separation shall be by coalescing action by either:
 - 1. Stainless steel PALL rings;
 - 2. Copper tubes with continuous wound, permanently attached copper wire and followed by a separate continuous wound permanently affixed copper wire.
- C. Provide unit with factory mounted air vent at the top of the air elimination chamber.
- D. Provide brass flushing cock on the separator side to facilitate system fast-fill and to blow down impurities from the water surface within the separator.
- E. Provide factory mounted blow-down valve on the unit bottom to allow for draining and cleaning.
- F. Coalescing separators shall be as sized on the construction drawings, but in no case shall it have less than line size connections nor shall pressure drop exceed 1 psi at design flow. Include on submittal the pressure drop of each unit at its design flow rate.
- G. Coalescing separators shall be equipped with removable cover to allow for removal, inspection and cleaning of the internal coalescing media.
- H. Acceptable Manufacturers: Spirotherm VDN Series, Wessels WVA, Taco.

2.13 DRAIN VALVES AND BLOWDOWN VALVES

- A. Drain valve and blowdown valve shall mean a shutoff valve as specified for the intended service with added 3/4" male hose thread outlet, cap, and retaining chain.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Ream pipe and tube ends, remove burrs, bevel plain end ferrous pipe.
- B. Remove scale and dirt on inside and outside before assembly.
- C. Remove all scale, rust, dirt, oils, stickers and thoroughly clean exterior of all bare metal exposed piping, hangers, and accessories in preparation to be painted.
- D. Connect to all equipment with flanges or unions.
- E. After completion, fill, clean, and treat systems. Refer to Section 23 25 00 for treatment.

3.2 SYSTEMS, PIPING, AND VALVE SCHEDULE

- A. Heating Water (Above Grade - maximum 140°F):
 - 1. Black Steel; Standard Weight; Threaded Joints: 2" and Under
 - 2. Copper Pipe; Type L; Soldered Joints: 2" and Under

- 1 3. Black Steel; Standard Weight: Welded or Flanged Joints: 2-1/2" and Over
- 2 4. Shutoff Valves: BF-1
- 3 5. Check Valves:
- 4 6. Strainers:

5 **3.3 TESTING PIPING**

- 6 A. Test pipes underground or in chases and walls before piping is concealed.
- 7 B. Complete testing before insulation is applied. If insulation is applied before pipe is tested and a leak
- 8 ruins the insulation, replace all damaged insulation.
- 9 C. Test the pipe with water at 100 psig pressure. Hold pressure for at least two hours.
- 10 D. Test to be witnessed by the Architect/Engineer or their representative, if requested by the
- 11 Architect/Engineer.

12 **3.4 CLEANING PIPING**

- 13 A. Assembly:
 - 14 1. Prior to assembly of pipe and piping components, remove all loose dirt, scale, oil and
 - 15 other foreign matter on internal or external surfaces by means consistent with good piping
 - 16 practice subject to approval of the Architect/Engineer. Blow chips and burrs out of pipe
 - 17 before assembly. Wipe cutting oil from internal and external surfaces.
 - 18 2. During fabrication and assembly, remove slag and weld spatter from both internal and
 - 19 external joints by peening, chipping and wire brushing to the degree consistent with good
 - 20 piping practices.
 - 21 3. Notify the Architect/Engineer prior to starting any post erection cleaning operation in time
 - 22 to allow witnessing the operation. Properly dispose of cleaning and flushing fluids.
 - 23 4. Prior to blowing or flushing erected piping systems, disconnect all instrumentation and
 - 24 equipment, open wide all valves, control valves, and balance valves, and verify all strainer
 - 25 screens are in place.
- 26 B. Chemical Cleaning:
 - 27 1. Flush pipe and components with clean water until all discharge from system is clean.
 - 28 Maintain minimum velocities at all points of 5 feet/second for 30 minutes. Flow shall be in
 - 29 same direction as when system is in normal operation. Discharge shall be from low points
 - 30 of pipes, ends of headers and as otherwise needed to flush entire system. After flushing,
 - 31 all residual water shall be drained and/or blown out.
 - 32 2. Add 2 pounds of trisodium phosphate per 100 gallons of system capacity. Use an
 - 33 alternate chemical if discharge of trisodium phosphate is not permitted. Maintain 150°F in
 - 34 the system if possible. If heat is not available, use 3 pounds per 100 gallons.
 - 35 3. Drain the system after circulating the chemical cleaner for six hours at 150°F, or 12 hours
 - 36 at a lower temperature. Refill. Test a water sample. Drain and fill again if excessive
 - 37 cleaning chemicals remain and until water appears clear.
 - 38 4. After each system has been cleaned and thoroughly flushed of pretreatment chemicals, it
 - 39 shall be immediately refilled with water and treated with chemical treatment as specified in
 - 40 Section 23 25 00. The system shall not be allowed to sit empty for any length of time.
 - 41 5. When system water is clear, remove, clean and replace all strainers.
 - 42 6. Water samples may be taken by the Architect/Engineer to verify a clean system. If system
 - 43 is not clean, the entire process, including chemical treatment specified in Section 23 25
 - 44 00, shall be repeated at the Contractor's expense.
 - 45 7. Chemical cleaning applies to the following systems:
 - 46 a. Heating Water

1 **3.5 INSTALLATION**

2 A. General Installation Requirements:

- 3 1. Route piping in orderly manner, straight, plumb, with consistent pitch, parallel to building
- 4 structure, with minimum use of offsets and couplings. Provide only offsets required for
- 5 needed headroom or clearance and needed flexibility in pipe system.
- 6 2. Install piping to conserve building space, and not interfere with other work.
- 7 3. Group piping whenever practical at common elevations.
- 8 4. Install piping to allow for expansion and contraction without stressing pipe, joints, or
- 9 connected equipment.
- 10 5. Reducers are generally not shown. Where pipe sizes change at tee, the tee shall be the
- 11 size of the largest pipe shown connecting to it. Where pipe sizes are not shown, the larger
- 12 size in either direction shall continue through the fitting nearest to the indication of a
- 13 smaller pipe size.
- 14 6. Install bell and spigot pipe with bells upstream.
- 15 7. Seal pipes passing through exterior walls with a wall seal per Section 23 05 29. Provide
- 16 Schedule 40 galvanized sleeve at least 2 pipe sizes larger than the pipe.

17 B. Branch takeoffs shall be from the top side (if branch is two sizes smaller than main), or any angle

18 from the horizontal plane to the top of piping. Installation Requirements in Electrical Rooms:

- 19 1. Do not install piping or other equipment above electrical switchboards or panelboards.
- 20 This includes a dedicated space extending 25 feet from the floor to the structural ceiling
- 21 with width and depth equal to the equipment plus its required clearance space.

22 C. Valves/Fittings and Accessories:

- 23 1. Provide chain operators for all valves over 2" size that are over 10'-0" above finished floor.
- 24 Extend to 7'-0" above finished floor.
- 25 2. Provide valve position indicator on all valves 10'-0" or greater above finish floor and not
- 26 located above ceiling.
- 27 3. Provide clearance for installation of insulation, and access to valves and fittings.
- 28 4. Prepare pipe, fittings, supports, and accessories for finish painting.
- 29 5. Install valves with stems upright or horizontal, not inverted, except install manual quarter
- 30 turn valves in radiation cabinets and all butterfly valves with stems horizontal.
- 31 6. Provide shutoff valves and flanges or unions at all connections to equipment, traps, and
- 32 items that require servicing.
- 33 7. Provide flanges or unions at all final connections to equipment, traps and valves.
- 34 8. Arrange piping and piping connections so equipment may be serviced or totally removed
- 35 without disturbing piping beyond final connections and associated shutoff valves.

36 **3.6 PIPE ERECTION AND LAYING**

37 A. Carefully inspect all pipe, fittings, valves, equipment and accessories prior to installation.

38 Immediately reject and remove from the job any items which are unsuitable, cracked or otherwise

39 defective.

40 B. All pipe, fittings, valves, equipment and accessories shall have factory-applied markings,

41 stampings, or nameplates sufficient to determine their conformance with specified requirements.

42 C. Exercise care at every stage of storage, handling, laying and erecting to prevent entry of foreign

43 matter into piping, fittings, valves, equipment and accessories. Do not erect or install any unclean

44 item.

45 D. During construction, until system is fully operational, keep all openings in piping and equipment

46 closed at all times except when actual work is being performed on that item. Closures shall be

47 plugs, caps, blind flanges or other items designed for this purpose.

- 1 E. Change direction of pipes only with fittings or pipe bends. Change size only with fittings. Do not use
2 miter fittings, face or flush bushings, or street elbows. 2-1/2" and larger fittings shall be long radius
3 type, unless otherwise shown on the drawings or specified. Construct welded elbows of angles not
4 available as standard fittings by cutting and welding standard elbows to form smooth, long radius
5 fittings.
- 6 F. Use full and double lengths of pipe wherever possible.
- 7 G. Unless otherwise indicated, install all inlet and outlet piping, including shutoff valves and strainers,
8 to coils, pumps and other equipment at line size with reduction in size being made only at control
9 valve or pump.
- 10 H. Cut all pipe to exact measurement and install without springing or forcing except in the case of
11 expansion loops where cold springing is indicated on the drawings.
- 12 I. Do not create, even temporarily, undue loads, forces or strains on valves, equipment or building
13 elements.

14 **3.7 DRAINING AND VENTING**

- 15 A. Unless otherwise indicated on the drawings, all horizontal pipes, including branches, shall pitch 1"
16 in 40 feet to low points for complete drainage, removal of condensate, and venting.
- 17 B. Provide drain valves at all low points of water piping systems or where indicated on drawings for
18 complete or sectionalized draining. Drain valves are defined above.
- 19 C. Use eccentric reducing fittings on horizontal runs when changing size for proper drainage and
20 venting. Install all liquid lines with top of pipe and eccentric reducers in a continuous line.
- 21 D. Provide air vents at all high points and wherever else required for elimination of air in all water
22 piping systems. Do not use automatic air vents in glycol systems unless they are piped to the fill
23 tank.
- 24 E. Air vents shall be in accessible locations. If needed to trap and vent air in a remote location, a 1/8"
25 pipe shall connect the tapping location to a venting device in an accessible location.
- 26 F. All vent and drain piping shall be of same materials and construction as the service involved.

27 **3.8 BRANCH CONNECTIONS**

- 28 A. Make branch connections with standard tee or cross fittings of the type required for the service
29 unless otherwise specified herein or detailed on the drawings.
- 30 B. At the option of the Contractor, branch connections from headers and mains may be cut into black
31 steel pipe using forged weld-on fittings.
- 32 C. Use of forged weld-on fittings is also limited as follows:
- 33 1. Must have at least same pressure rating as the main.
34 2. Header or main must be 2-1/2" or over.
35 3. Branch line is at least two pipe sizes under header or main size.

36 **3.9 JOINING OF PIPE**

- 37 A. Threaded Joints (Steel Pipe):
- 38 1. Ream pipe ends and remove all burrs and chips.
39 2. Protect plated pipe and valve bodies from wrench marks when making up joints.



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Engineering Division
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James M. Wolfe, P.E.

Facilities & Sustainability

Bryan Cooper, Principal Architect

Land Information & Official Map Manager

Eric T. Pederson, P.S.

Financial Manager

Steven B. Danner-Rivers

August 24, 2021

**NOTICE OF ADDENDUM
ADDENDUM NO. 1
City of Madison, Engineering Division**

**CONTRACT NO. 9050
OLIN PARK FACILITY IMPROVEMENTS**

This addendum is issued to modify, explain or correct the original Drawings, Specifications, or Contract Documents marked as *Olin Park Facility Improvements, City of Madison, Contract #9050, as issued on July 16, 2021* and is hereby made a part of the contract documents.

Please attach these Addendum documents to the Drawings Volume 1 (Exhibit A), Drawings Volume 2 (Exhibit B), Specifications (Exhibit C), and Bid Proposal Specification document in your possession.

1. CONTRACT

- A. **Page i:** Add REF DOC 4 – Roof Inspection Report and Repair List to Index
- B. **Page A-1: Section A: Instructions to Bidders:** City of Madison staff will be on site on Wednesday September 1 and Thursday September 2 from 9:00 AM - 4:00 PM to allow contractors to view the interior portions of the building. Staff will not be able to answer questions at these tours. All contractors must wear a mask when inside the building.
- C. **Page D-2: Section 104.2:** Add Roof Inspection Report to list of Reference Documents as REF DOC 4. Inspection Report and Repair List by GBR Corporation dated 3/10/20.
- D. Add REF DOC 4 – Roof Inspection Report and Repair List, see attached.

2. GENERAL CONTRACT CONDITIONS

- A. See DRAWINGS section below for revision information on drawing cover sheets A001.

3. GENERAL QUESTIONS AND ANSWERS

- A. **Question 1:** Will the furniture be removed from the space before construction?
Answer 1: Yes. The furniture will be removed from the space before construction begins.
- B. **Question 2:** Does the air handler have a separate condensing unit?
Answer 2: There is currently no separate condensing unit for the East Wing. The current system pulls from the water service.
- C. **Question 3:** Which windows get blinds?
Answer 3: Only windows with the key note indicating new blinds will receive new blinds.
- D. **Question 4:** Should there be blinds in room G014? That room doesn't have a note for new blinds, but does not have blinds.
Answer 4: Room G014 will also get new blinds. The plan note has been revised to show this correction in Drawing A302, see below.
- E. **Question 5:** Should blinds be hung from the ceiling grid like the blinds in room G011?
Answer 5: No. Please install the blinds on the inside of the window frames. Mounting the blinds to the ceiling grid is not desired.
- F. **Question 6:** Where is the existing intermediate distribution frame (IDF) on the first floor?



Answer 6: The existing IDF is located in the north telephone room across from the reception desk at the main entrance.

G. **Question 7:** Will there be new water service coming into the building as part of this project?

Answer 7: No. There is one existing 4” water line coming into the building that will remain.

H. **Question 8:** Will the plumber make the connection from the water service for the new fire suppression main?

Answer 8: Please refer to F30, F400, P401, and P500. The Plumbing contractor’s scope includes providing a full 4” tee for use by the fire protection contractor. Fire Protection Contractor will have all fire protection piping downstream of tee including fire protection backflow preventer. Fire protection contractor and plumbing contractor shall coordinate exact pipe routings in area to maintain clearances for both trades.

I. **Question 9:** Will the building be unoccupied during construction?

Answer 9: Yes. The building will be unoccupied during construction.

J. **Question 10:** Sheet C300 notes that the sanitary lateral should be repaired by CIPP method, but no specification is provided.

Answer 10: The note on sheet C300 references the City of Madison Standard Specifications, Article 509. The link to the Standard Specifications can be found in the bid proposal document and on the City of Madison Public Works website.

K. **Question 11:** Who is the existing fire alarm manufacturer at this site?

Answer 11: The existing fire alarm manufacturer is Kidde Automated Systems (control panel model KAS-200). A Silent Knight IntelliKnight fire alarm control communicator is also part of the existing system.

L. **Question 12:** What bike rack is being shown on sheet C200? Please confirm that bike racks should be installed as part of the construction project.

Answer 12: The selected bike rack is Madrax Orion Circular Bike Rack, Surface Mount detail, ORN-2-SF-P. Madrax, 1080 Uniek Dr. Waunakee, WI 53597, 608-849-1080. Bike racks must be installed as part of the project.

M. **Question 13:** What electronic surveillance equipment should be included in the project?

Answer 13: There is no electronic surveillance equipment in the project at this time.

4. ACCEPTABLE EQUIVALENTS

A. Section 23 21 23: Add “Taco” to the list of acceptable pump manufacturers in paragraph 2.2.

B. Section 23 52 16: Add “Laars - MagnaTherm FT” to the list of acceptable manufactures in paragraph 2.1.

C. Section 23 72 00: Add “Thermotech”, “Xetex”, and “Semco” to the list of acceptable energy wheel manufacturers in paragraph 2.1.

D. Section 23 73 13: Add “Trane - Performance Climate Changer” to the list of acceptable manufactures in paragraph 2.1.

5. SPECIFICATIONS

A. Section 00 00 00 – Project Manual Cover Sheet – Update City project information.

B. Section 01 33 23 – 1.4 Action Submittal – additional note for pre-installation coordination meeting. See attached section.

C. Section 23 21 00: Remove and replace specification section with the attached section to add paragraphs 2.7 through 2.13.

6. DRAWINGS

A. Architectural

i. **Drawing A001:** Added City project information to cover sheet of drawing set.

ii. **Drawings A201 – A204:** Changed Keynote 3.3 to “NOT USED.”

iii. **Drawings A201 – A204:** Removed Keynotes 10.3, 10.4, 10.5, and 11.4.

iv. **Drawing 1/A302:** Added Tag 10.3 to Office G14.



- v. **Drawing 1/A303:** Removed Tag 10.10 as shown on plans.
- vi. **Drawing 1/A901:** Added Tags 4 & 6 to Toilet Room B03.
- vii. **Drawing Finish Matrix/A904:** Added TIL-2B to Finish Matrix.

7. **OTHER**

- A. **Pre-Bid Site Tour Sign In Sheets:** July 27 and August 11, 2021. See attached.

Please acknowledge this addendum in Section E on page E-1: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on Bid Express at <https://www.bidexpress.com/> and the City of Madison web site at <http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 to receive the material by another method.

For questions regarding this bid, please contact:

InSite Consulting Architects
Chris Oddo, AIA
PH: 608-455-9594
Email: chris@icsarc.com

City of Madison
Amy Scanlon, Project Manager
PH: 608-267-0743
Email: ascanlon@cityofmadison.com

City of Madison
Mike Schuchardt, Construction Manager
PH: 608-261-9249
Email: mschuchardt@cityofmadison.com

Sincerely,

Christy Bachmann On behalf
Robert F. Phillips, P.E., City Engineer

**OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO. 9050**

INDEX

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERSA-1

SECTION B: PROPOSAL SECTIONB-1

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SECTION E: BIDDER’S ACKNOWLEDGEMENTE-1

SECTION F: BEST VALUE CONTRACTINGF-1

SECTION G: BID BOND G-1

SECTION H: AGREEMENT H-1

SECTION I: PAYMENT AND PERFORMANCE BONDI-1

EXHIBITS FOR BIDDING PURPOSES:

- Exhibit A – Volume 1 Plans dated June 8, 2021
- Exhibit B – Volume 2 Plans dated June 8, 2021
- Exhibit C – Specifications dated June 8, 2021

EXHIBITS FOR BIDDING REFERENCE:

- REF DOC 1 – Lands for Work
- REF DOC 2 – Hazardous Materials Reports
- REF DOC 3 – Soil Borings Report
- REF DOC 4 – Roof Inspection Report and Repair List

This Proposal, and Agreement have
been prepared by:

**CITY ENGINEERING DIVISION
CITY OF MADISON
MADISON, DANE COUNTY, WISCONSIN**

Christy Bachmann on behalf of:

Robert F. Phillips, P.E., City Engineer

RFP: as

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS

REQUEST FOR BID FOR PUBLIC WORKS CONSTRUCTION CITY OF MADISON, WISCONSIN

A BEST VALUE CONTRACTING MUNICIPALITY

PROJECT NAME:	OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO.:	9050
SBE GOAL	5%
BID BOND	5%
SBE PRE BID BUILDING TOUR #1 (1:00 P.M.)	TUESDAY JULY 27, 2021
SBE PRE BID BUILDING TOUR #2 (1:00 P.M.)	WEDNESDAY AUGUST 11, 2021
BIDDER QUESTIONS, CLARIFICATIONS & REQUESTS FOR SUBSTITUTIONS	THURSDAY AUGUST 26, 2021
PREQUALIFICATION APPLICATION DUE (2:00 P.M.)	THURSDAY SEPTEMBER 2, 2021
BID SUBMISSION (2:00 P.M.)	THURSDAY SEPTEMBER 9, 2021
BID OPEN (2:30 P.M.)	THURSDAY SEPTEMBER 9, 2021
PUBLISHED IN WSJ	JULY 22, 29 & AUG 5, 12, 19, 26 & SEPT 2

PRE BID BUILDING /SITE TOUR:

The City of Madison is conducting two (2) Pre-Bid Walk Through sessions at the Olin Park Facility, 330 E Lakeside Street, during the bidding period of this contract. All contractors are invited to attend a short introductory meeting, a short guided tour of the project area, and then will be allowed to more thoroughly review the project area at their own pace. Please refer to the schedule table above for Walk Through dates and times. **Please note: The City is following CDC Covid precaution protocols and all non-vaccinated attendees shall wear a mask and maintain appropriate social distancing when inside the building.**

These are the only times contractors shall be allowed access to non-public areas of the project site. Contractors may review public areas at any time during normal park/operating hours.

Staff from InSite Consulting Architects, City Project Manager (CPM), and City Construction Manager (CCM) will be in attendance to take questions related to the plans and specifications. Questions shall be recorded and responded to in the form of a published addendum.

City of Madison staff will be on site on Wednesday September 1 and Thursday September 2 from 9:00 AM - 4:00 PM to allow contractors to view the interior portions of the building. Staff will not be able to answer questions at these tours. All contractors must wear a mask when inside the building.

BIDDER QUESTIONS, CLARIFICATIONS, AND REQUESTS FOR SUBSTITUTIONS:

If needed, InSite Consulting Architects and/or the City Project/Construction Manager shall publish addenda to respond to any questions, clarifications, or requests for substitutions.

- Any questions or requests for clarifications regarding plans and specifications shall be submitted directly to InSite Consulting Architects and the CPM/CCM. Responses that change the contract scope and/or schedule will be published by InSite Consulting Architects and/or the CPM/CCM in the form of a published bidding addendum.
- Requests for substitutions shall be done according to Specification 01 25 13 Product Substitution Procedures and other specifications as necessary. Use the form at the end of the specification. Contractors are cautioned to review all specifications and note whether substitutions for specific products will be allowed or not.
- See the contract contact information at the end of Section D-Special Provisions for contact information. All questions and/or substitution requests shall be sent via email, reference Olin Park Facility 9050.
- **The deadline for receiving all questions, clarifications, and requests for substitutions shall be as indicated in the schedule table above.**

SECTION 104.1: LANDS FOR WORK

General outlines for the Lands for Work for this contract are represented in REF DOC 1 and generally include the east wing of the building, the west wing (for limited work scope only), the lower east parking area, the upper portion of the main parking lot and the lower portion of the main parking lot (for limited work scope only). All use of the City Lands for Work – by the Contractor - shall be reviewed and approved by the CCM.

The Olin Park Facility is situated within Olin Park and contains two wings – the East Wing at 330 E Lakeside St (the primary construction site) and the West Wing at 328 E Lakeside St. The Contractor for this Work will be responsible for a limited scope of work in the West Wing. Once that limited scope of work is completed by the Contractor for this Work, the West Wing tenant may have a separate contractor completing tenant improvements in the West Wing.

The Contractor for this Work must coordinate with the tenant's contractor to assist in access for both parties. The Contractor for this Work must also coordinate the work so as not to interfere with other contractors, tenants, or members of the public.

Vehicles can only be parked on site in the area indicated as the Lands for Work during construction business hours.

No tobacco product use is allowed on the Lands for Work or near the adjacent residential buildings.

SECTION 104.2: INTENT AND COORDINATION OF CONTRACT DOCUMENTS

The contract documents are complimentary of each other and consist of all of the following:

- The City Standard Specifications for Public Works Construction, 2021 Edition
- These Special Provisions including all plans and specifications as noted by the exhibits listed below.

EXHIBITS FOR BIDDING PURPOSES:

Exhibit A – Volume 1 Plans dated June 8, 2021

Exhibit B – Volume 2 Plans dated June 8, 2021

Exhibit C – Specifications dated June 8, 2021

EXHIBITS FOR BIDDING REFERENCE:

REF DOC 1 – Lands for Work

REF DOC 2 – Hazardous Materials Reports

REF DOC 3 – Soil Borings Report

REF DOC 4 – Roof Inspection Report and Repair List

- All Addenda to the bidding documents.

SECTION 105.5: INSPECTION OF WORK

The Contractor shall coordinate directly with any and all regulatory agencies having jurisdiction over the licensing, permitting, and inspection of work as described in the construction documents.

All Contractors shall be familiar with Specification 01 45 16 – Field Quality Control Procedures regarding City of Madison policies and procedures for Quality Assurance and Quality Control.

SECTION 105.6: CONTRACTORS RESPONSIBILITY FOR WORK

The Contractor shall not take advantage of any discrepancy in the plans or specifications. This shall include but not be limited to apparent errors, omissions, and interpretations involving codes, regulations, and standards.

Any Contractor who identifies such a discrepancy during the bidding process shall notify InSite Consulting Architects, the CPM, and the CCM of the discrepancy prior to the “Questions and Clarifications Deadline” as noted in Section A of the bid documents.

Any Contractor who identifies such a discrepancy after the bidding process and/or after contract signing shall immediately notify InSite Consulting Architects, the CPM, and the CCM in writing and request clarification on how to proceed. See Specification 01 26 13 – Request for Information (RFI).

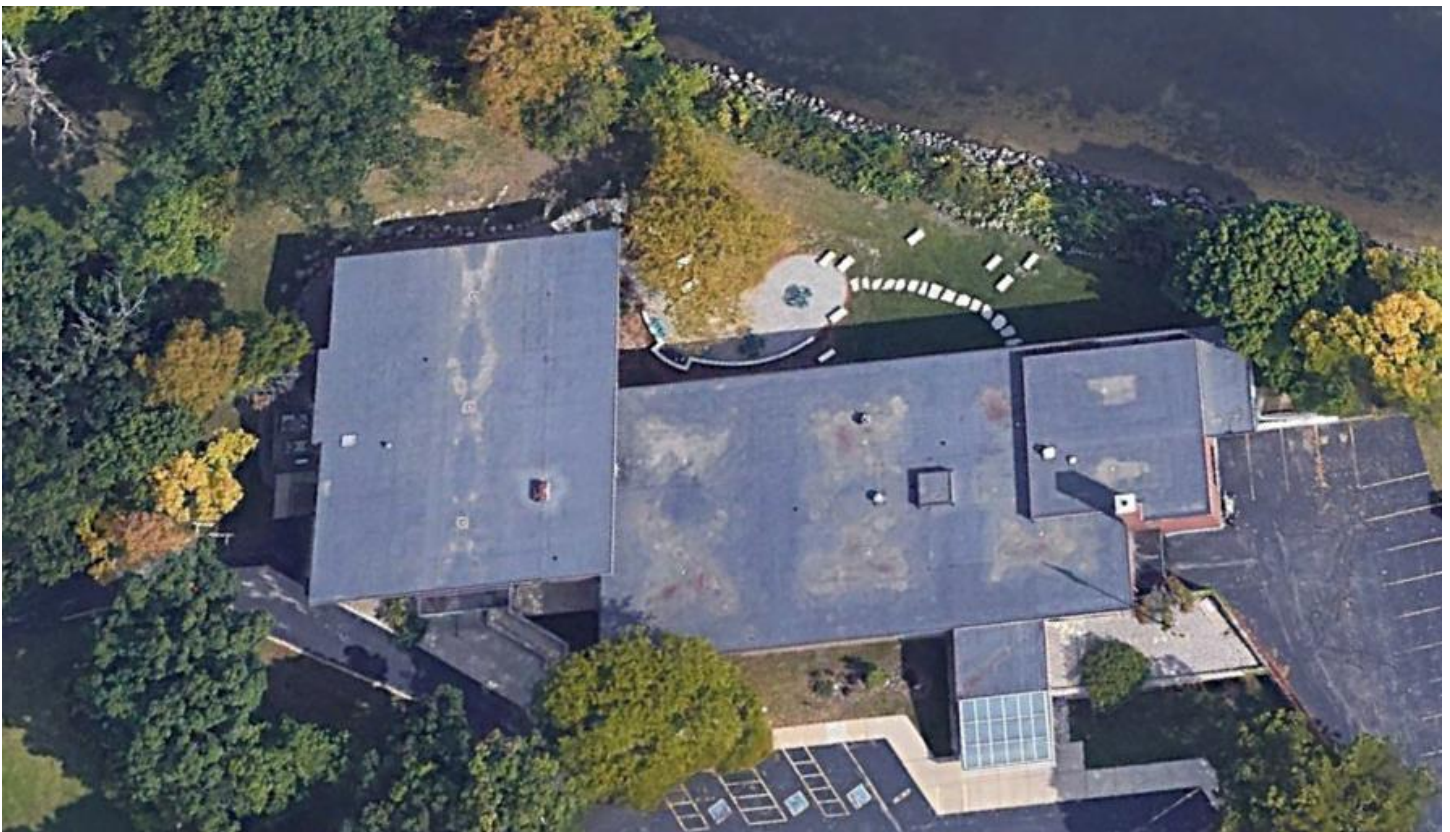


Roof Inspection Report

SITE OVERVIEW

City of Madison Parks Department

330 E. Lakeside St.
Madison, Wisconsin



Date of Inspection: 03/10/2020

Total Square Feet: Approximately 19,775 square feet

GENERAL ROOF CONDITION

Fully Adhered Rubber Membrane: OK - There are two rubber roofs that are glued to each other on top of a tar roof. Overall, the roof doesn't look too bad.



Membrane De-laminating or Tenting: 40' of delamination and base tie-in failure (tenting) was identified at the elevator shaft. This is causing unusual pull/shrink of the membrane.



Holes: We identified one hole on the upper roof and temporarily sealed it with caulk until approval to make a full repair.



Insulation Warping or Saturated: There is an area of mushy area of insulation on the east upper roof.



Seams and Patches: LOWER MAIN ROOF - identified a bad patch by a pitch pan and two bad patches by a drain. UPPER MAIN ROOF - identified a fish mouth in the middle seam, four patches that are needed by a pipe, another pipe has a bad patch and there are two bad patches by another larger big patch.



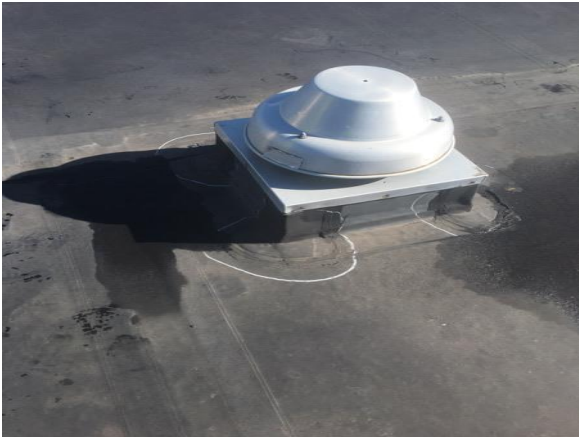


Storm Collar Seals: OK

ROOF PENETRATIONS

Bad Corners on Roof Penetrations and Exterior Walls: LOWER MAIN ROOF - identified three bad corners by the elevator shaft, a bad corner by a small upper roof and a bad corner by a chimney. UPPER MAIN ROOF - identified four bad corners by a hatch. EAST UPPER ROOF - identified four bad corners by a small vent.





Pitch Pockets/Pans: Identified one bad pitch pan seal on the lower main roof.



Boots and Clamps: OK



Membrane Deterioration Near Exhaust Vents: OK – no deterioration detected at time of inspection.

Field Fabricated Flashings: OK



ROOF DRAINAGE

Bridged Flashings on Scuppers: One bad scupper on the east narrow roof of the upper main roof should be resealed, one scupper on the small south roof should be resealed, one scupper on the west canopy should be resealed and one scupper on the east canopy should be resealed.



Drains and Components: We identified a lot of environmental debris such as leaves clogging the drain strainers and causing pooling. We cleaned the strainers out as part of the inspection process.



Pooling and Standing Water: The roof holds water in areas by the drains and the elevator shaft.



METAL & TRIM

Metal Stripping: OK – very thin but looks OK



Counter Flashings: OK

Caulking: Approximately 48' of term bar needs resealing and 10' of counter flashing needs resealing on the east upper roof.

ADDITIONAL COMMENTS & RECOMMENDATIONS

The roof is in average condition for the age. Below is a summary of the deficiencies and items that were identified at the time of inspection that we recommend for repair:

- 1 pitch pan that needs to be resealed
- 1 hole that needs to be repaired
- 13 bad corners that need to be repaired
- 8 bad patches that need to be repaired
- 4 scuppers that need to be resealed
- 40' of base tie-in failure that needs to be repaired
- 58' of term bar and counter flashing that needs to be resealed.

QUESTIONS & TO SCHEDULE REPAIRS / REPLACEMENT

Regular maintenance and upkeep can lower overall roof maintenance costs and protect the valuable assets covered by your roof. Please contact **GBR Corporation** at **(608) 838-0066** with any questions on this report or to request a quote for repairs or replacement.

330 E. Lakeside Street



Repair List with Do Not Exceed Limit

Repair	Do Not Exceed
Reseal 1 pitch pan	\$125.00
Repair 1 hole	\$100.00
Repair 13 bad corners on roof vents & exterior walls	\$1,625.00
Repair 8 bad patches and a seam with fish mouth	\$550.00
Reseal 4 scuppers	\$1,000.00
Repair 40' of base tie failure by an elevator shaft	\$3,000.00
Reseal 58' of term bar and counter flashing	\$550.00
Area of mushy insulation	monitor for the time being
TOTAL DO NOT EXCEED:	\$6,950.00

Project Manual Olin Park Building Improvements

City of Madison Parks Division
Issue for Bid

June 8, 2021

Madison Contract No. 9050

Madison Munis No. 12856

PUBLIC IMPROVEMENT PROJECT APPROVED:

RES #: 21-00463

FILE ID: 65900

DATE: 7/12/2021

BY THE COMMON COUNCIL OF MADISON, WI

PUBLIC IMPROVEMENT PROJECT APPROVED BY:

CITY ENGINEER

DATE



InSite Consulting Architects



SECTION 01 33 23
SUBMITTALS

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4 PART 1 – GENERAL 1
5 1.1. SUMMARY 1
6 1.2. RELATED REFERENCES 1
7 1.3. SUBMITTAL REQUIREMENTS 2
8 1.4. ACTION SUBMITTALS 2
9 PART 2 – PRODUCTS – THIS SECTION NOT USED 2
10 PART 3 - EXECUTION 2
11 3.1. GENERAL CONTRACTORS PROCEDURES 2
12 3.2. SUBMITTAL REVIEW 3
13 3.3. PROJECT ARCHITECTS REVIEW 3
14

PART 1 – GENERAL

1.1. SUMMARY

- 18 A. The General Contractor (GC) shall be responsible for providing submittals for review of all contractors and sub-
19 contractors as designated in the construction documents. Submittals shall include but not be limited to all of the
20 following:
21 1. Equipment specified and pre-approved in the specification; to ensure quality, construction, and
22 performance specifications have not changed since final design.
23 2. Equipment specified by performance in the specification; to ensure that the intended quality,
24 construction, and performance specified is met by the selected material or product.
25 3. Shop, piece, erection, and other such drawings as indicated in the specifications to ensure all structural,
26 dimensional, and assembly requirements are being met.
27 4. Submittals indicating installation sequencing
28 5. Submittals indicating control sequencing
29 6. Contractor licensing, certification, and other such regulatory documentation when required by a
30 specification.
31 7. Other submittals as may be required by individual specifications.
32 B. The submittal process shall not be used to determine alternates to specified products or equipment. All
33 considerations shall be reviewed during the bidding process and acceptable alternates shall be acknowledged by
34 addendum prior to the closing of bidding. See bidding instructions for the information on submitting alternates
35 for consideration.
36 D. In the event that a manufacturer has significantly changed a product (discontinued a model, changed dimension
37 or performance data changed available colors, etc.) since bid opening the GC shall submit a Request for
38 Information (RFI) to the Project Architect requesting other approved alternates prior to uploading a digital
39 submittal.
40 E. Contractors and sub-contractors shall be responsible for knowing the submittal requirements of ALL sections
41 within their scope of work under the contract. The Owner reserves the right to request documentation on any
42 materials, equipment, or product being installed where a submittal is not on file. If the material, equipment, or
43 product installed is determined not to meet the intent of the specification the contractor/sub-contractor shall be
44 required to remove and replace the items involved. The GC shall be solely responsible for all costs associated
45 with the removal and replacement.
46

1.2. RELATED REFERENCES

- 47 A. Section 01 29 76 Progress Payment Procedures
48 B. Section 01 31 23 Project Management Web Site
49 C. Section 01 32 19 Submittals Schedule
50 D. Section 01 32 26 Construction Progress Reporting
51 E. Section 01 91 00 Commissioning
52 F. All Technical Specifications, contract documents, construction drawings, and any published addendums during
53 the bidding process.
54 G. All contract documents generated during the execution of the contract including but not limited to Requests for
55 Information (RFI) and Construction Bulletins (CB).
56
57

1 **1.3. SUBMITTAL REQUIREMENTS**

- 2 A. A completed submittal shall meet the following requirements:
- 3 1. Digital submittal shall be original PDF of manufacturer's data sheets or high quality color scan of the
- 4 same.
- 5 a. Submittals shall not include sales fliers or other similar documents that typically do not provide
- 6 complete manufacturers data.
- 7 2. Documents within the PDF submittal shall be printable to a sized sheet no less than 8-1/2 by 11 inches
- 8 and no larger than 24 by 36 inches.
- 9 3. At the beginning of each submittal the contractor shall identify the plan reference (WC-1, EF-3, etc.) in
- 10 RED block letters that the submittal is for.
- 11 4. Where multiple model numbers appear in a table the contractor shall identify the specific model being
- 12 submitted by using a RED square, box, or other designation to distinguish the correct model from others
- 13 on the page.
- 14 B. A complete submittal will include all information associated with the product or equipment as presented in
- 15 plans, equipment tables, and specifications. Information shall include but not be limited to the following:
- 16 1. Dimensional data
- 17 2. Performance data
- 18 3. Resource requirements, power, water, waste, etc
- 19 4. Clearance and maintenance requirements
- 20 5. Finish information, colors, textures, etc.
- 21 6. Warranty information
- 22 C. Where a submittal includes material samples (carpet, tile, paint draw downs, etc.) the contractor shall do the
- 23 following:
- 24 1. The Contractor shall submit the sample(s) as indicated in the specification.
- 25 2. The Contractor shall include a quality photograph(s) of the product with the digital submittal.
- 26 Photographs shall meet the following requirements:
- 27 a. Formatted to be between 500Kb and 1.0 Mb in file size
- 28 b. Have no glare or flash reflection on the sample
- 29 c. Sample fills the frame of the photo and shows detail as needed. Include multiple photos from
- 30 other angles as needed.
- 31 d. Scanned copies of products or photos are not acceptable.
- 32 D. Uploaded submittals should be relative and related to a specific written specification.
- 33 1. Do not upload submittals under a broad category or division (I.E. HVAC 23 00 00). Always upload by the
- 34 specific specification that identifies a required product or performance to be met.
- 35 2. Group related items together if the specification is written that way. (I.E. all of the plumbing fixtures and
- 36 trim relative to one specific specification should be submitted together).
- 37 3. Submittals shall be grouped and adhere to the divisions in the submittal schedule. Submittals that do not
- 38 conform to the submittal schedule and/or specification divisions will be rejected for re-submittal.

39 **1.4. ACTION SUBMITTALS**

- 40 A. Pre-Procurement/Installation Meeting Requirement:
- 41 1. After submission of all door/frame/hardware submittals (and related low voltage door hardware
- 42 submittals) Contractor will organize a meeting(s) with Owner, Architect, General Contractor, Electrician,
- 43 Door/Frame/Hardware Supplier/Installer, Low-Voltage Supplier/Installer, and others as applicable to
- 44 comprehensively review and explain each door opening's submitted hardware package operation. No
- 45 procurement of door hardware (and related low voltage components) shall be procured until this
- 46 meeting is completed; and until related submittals are related to by the Owner/Architect team.
- 47

48 **PART 2 – PRODUCTS – THIS SECTION NOT USED**

49

50 **PART 3 - EXECUTION**

51

52 **3.1. GENERAL CONTRACTORS PROCEDURES**

- 53 A. All required submittals will be uploaded to the Construction Administration-Submittal Drawings Library on the
- 54 Project Management Web Site (PMWS) by the GC.
- 55 1. The GC shall open a new Submittal Form in the Submittals Drawings Library for each required submittal
- 56 from the Submittals schedule.
- 57 2. Fill in required information on the form that will be used for routing the review and comments.
- 58 3. Attach all documentation as described in Section 1.3 above.

**SECTION 23 21 00
HYDRONIC PIPING**

- 1
- 2
- 3
- 4 **PART 1 – GENERAL**
- 5 1.1 SECTION INCLUDES
- 6 1.2 QUALITY ASSURANCE
- 7 1.3 SUBMITTALS
- 8 1.4 DELIVERY, STORAGE, AND HANDLING
- 9 **PART 2 – PRODUCTS**
- 10 2.1 STEEL PIPE (ABOVE GRADE)
- 11 2.2 COPPER PIPE (ABOVE GRADE)
- 12 2.3 VALVES
- 13 2.4 LOCK OUT TRIM
- 14 2.5 CHECK VALVES
- 15 2.6 STRAINERS
- 16 2.7 EXPANSION TANK
- 17 2.8 AIR VENTS
- 18 2.9 AUTOMATIC AIR VENTS
- 19 2.10 MAKE-UP WATER ACCESSORIES
- 20 2.11 BALANCING VALVE
- 21 2.12 COALESCING TYPE COMBINATION AIR ELIMINATOR AND DIRT SEPARATOR
- 22 2.13 DRAIN VALVES AND BLOWDOWN VALVES
- 23
- 24 **PART 3 – EXECUTION**
- 25 3.1 PREPARATION
- 26 3.2 SYSTEMS, PIPING, AND VALVE SCHEDULE
- 27 3.3 TESTING PIPING
- 28 3.4 CLEANING PIPING
- 29 3.5 INSTALLATION
- 30 3.6 PIPE ERECTION AND LAYING
- 31 3.7 DRAINING AND VENTING
- 32 3.8 BRANCH CONNECTIONS
- 33 3.9 JOINING OF PIPE

34 **PART 1 - GENERAL**

35 **1.1 SECTION INCLUDES**

- 36 A. Pipe and Pipe Fittings
- 37 B. Valves
- 38 C. Check Valves
- 39 D. Strainers
- 40 E. System Piping Schedule

41 **1.2 QUALITY ASSURANCE**

- 42 A. Valves: Manufacturer's name and pressure rating marked on valve body. Remanufactured valves
- 43 are not acceptable.

44 **1.3 SUBMITTALS**

- 45 A. Submit product data under provisions of Section 23 05 00. Include data on pipe materials, fittings,
- 46 valves, and accessories. Include manufacturers' support spacing requirements for plastic piping.

47 **1.4 DELIVERY, STORAGE, AND HANDLING**

- 48 A. Store and protect piping to prevent entrance of foreign matter into pipe and to prevent exterior
- 49 corrosion.

1 B. Deliver and store valves in shipping containers with labeling in place.

2 **PART 2 - PRODUCTS**

3 **2.1 STEEL PIPE (ABOVE GRADE)**

4 A. Design Pressure 125 psig, Maximum Design Temperature 225°F (230°F for grooved couplings).

5 B. Black Steel; Standard Weight; Threaded Joints:

6 1. Pipe: Standard weight black steel, threaded and coupled, ASTM A53; Type E, F, or S;
7 Grade B.

8 2. Joints: Screwed.

9 3. Fittings: Class 125 cast iron, ASTM A126, ASME B16.4; or Class 150 malleable iron,
10 ASTM A197, ASME B16.3.

11 4. Unions: Class 150 malleable iron, ANSI B16.39, ground joint with copper or copper
12 alloy-to-iron seat.

13 C. Black Steel; Standard Weight; Welded or Flanged Joints:

14 1. Pipe: Standard weight black steel, beveled ends, ASTM A53, Type E or S, Grade B.

15 2. Joints: Butt-welded or flanged.

16 3. Fittings: Standard weight wrought steel, butt-welding type, ASTM A234, ASME B16.9.

17 4. Flanges: Class 150 forged steel, welding neck or slip-on, ASTM A181 or A105, Class 60,
18 ASME B16.5 up to 24" and B16.47 above 24". ASME B16.1 for flanges mating with flat
19 face equipment flanges. Flange face seal weld (backweld) is required for slip-on flanges.

20 D. Black Steel; Standard Weight; Welded:

21 1. Design Pressure: 125 psi. Maximum Design Temperature: 1000°F.

22 2. Pipe: Standard weight black steel, beveled ends, ASTM A53.

23 3. Joints: Butt welded.

24 4. Fittings: Standard weight seamless steel, butt weld type, ASTM A234, Grade WPB, ANSI
25 B16.9.

26 **2.2 COPPER PIPE (ABOVE GRADE)**

27 A. Design Pressure 125 psig. Maximum Design Temperature 225°F.

28 B. Copper Pipe; Type L; Soldered Joints:

29 1. Tubing: Type L drawn temper seamless copper tube, ASTM B88.

30 2. Joints: Solder with Type 95-5 solder. 50-50 solder is not acceptable.

31 3. Fittings: Wrought copper solder joint, ASME B16.22.

32 **2.3 VALVES**

33 A. Shutoff Valves:

34 1. For pipe systems where mechanical press connections are allowed, shutoff valves with
35 mechanical press connections are acceptable subject to the requirements in the
36 paragraphs below.

37 2. Ball Valves:

38 a. BA-1 (Steel and Copper): 3" and under, 125 psi saturated steam, 600 psi WOG,
39 full port, screwed or solder ends (acceptable only if rated for soldering in line with
40 470°F melting point of lead-free solder), bronze body of a copper alloy containing
41 less than 15% zinc, stainless steel ball and trim, Teflon seats and seals.

- 1) Manufacturers:
- a) Apollo #77C-140
 - b) Stockham #S-206 BR1-R
 - c) Milwaukee #BA-400
 - d) Watts
 - e) Nibco #585-70-66
 - f) National Utilities Co.
 - g) RUB.
- 2) Provide extended shaft with operating handle of non-thermal conductive material and protective sleeve that allows operation of valve, adjustment of the packing, and adjustment of the memory stop without breaking the vapor seal or disturbing the insulation for all valves in insulated piping.
- 3) Provide lock out trim for all valves opening to atmosphere installed in domestic water piping over 120°F, heating water piping over 120°F, steam, condensate, boiler feed water piping, compressed air piping and gasoline/kerosene piping, and as indicated on the drawings. Solid extended shaft is not required on valves with lock out trim.
- b. BA-1A (Steel): 2-1/2" and 3", 125 psi saturated steam, 275 psi WOG ANSI Class, 150 psi standard port, carbon steel body stainless steel ball and trim, Teflon seats and seals.
- 1) Manufacturers:
- a) Apollo #88A-100
 - b) Nibco #F510-CS/66
 - c) Milwaukee #F90.
- 2) Provide extended shaft with operating handle of non-thermal conductive material and protective sleeve that allows operation of valve, adjustment of the packing, and adjustment of the memory stop without breaking the vapor seal or disturbing the insulation for all valves in insulated piping.
- 3) Provide lock out trim for all valves opening to atmosphere installed in domestic water piping over 120°F, heating water piping over 120°F, steam, condensate, boiler feed water piping, compressed air piping and gasoline/kerosene piping, and as indicated on the drawings. Solid extended shaft is not required on valves with lock out trim.
3. Butterfly Valves:
- a. BF-1:
- 1) 2-1/2" thru 6", 175 psi CWP, elastomers rated for 20°F to 225°F continuous and 250°F intermittent at 125 psig, fully lugged end, ductile or cast iron body (not in contact with fluid); bronze, aluminum-bronze or EPDM coated ductile iron disc; EPDM seat, stainless steel stem, extended neck, 175 psi bubble-tight, bi-directional dead-end shutoff without backing flange or nuts and with cap screws extending to centerline of valve body (for pipe extension without draining system), 10 position locking operator up to 6" size. Cv of at least 1580 in 6" size.
- 2) Manufacturers:
- a) Center Line Series 200
 - b) Keystone #222
 - c) Watts #DBF-03-121-1P
 - d) Nibco N200 Series or LD2000 Series
 - e) Milwaukee CL series
 - f) Hammond 5200 series.

1 **2.4 LOCK OUT TRIM**

2 A. Provide lock out trim for all quarter turn valves opening to atmosphere installed in heating water
3 piping over 120°F and as indicated on the drawings.

4 **2.5 CHECK VALVES**

5 A. For pipe systems where mechanical press connections are allowed, check valves with mechanical
6 press connections are acceptable subject to the requirements in the paragraphs below.

7 **2.6 STRAINERS**

8 A. ST-2: Cast iron body, 125 lb. flanged ends, bolted cover, 125 psi S @ 353°F, 175 psi WOG @
9 150°F.

10 1. Manufacturers:

- 11 a. Armstrong #A1FL
- 12 b. Metraflex #TF
- 13 c. Mueller Steam Specialty Co.#758
- 14 d. Sarco #CI-125
- 15 e. Watts #77F-D
- 16 f. Victaulic #732 or #W732
- 17 g. NIBCO F-721-A.

18 B. Unless otherwise indicated, strainers shall be Y-pattern and have stainless steel screens with
19 perforations as follows:

20 1. Pipe Size:

- 21 a. 1/4" - 2": 1/32" screen
- 22 b. 2-1/2" - 8": 1/16" screen
- 23 c. 10" and Up: 1/8" screen

24 C. Furnish pipe nipple with ball valve, threaded hose connection, and cap to blow down all strainer
25 screens.

26 D. Use bronze body strainers in copper piping and iron body strainers in ferrous piping.

27 **2.7 EXPANSION TANK**

28 A. Bladder Type:

29 1. Tank shall be welded steel, ASME construction and stamped.

30 2. Tank shall be complete with heavy-duty replaceable butyl bladder, charging valve, lifting
31 ring, drain tapping, and system connection.

32 3. 125 psig gauge working pressure and 240°F maximum operating temperature.

33 4. Acceptable Manufacturers: Thrush, Taco, Bell & Gossett, Armstrong, Watts, Wessels,
34 Wheatley, Amtrol, Patterson, Grundfos.

35 **2.8 AIR VENTS**

36 A. At end of main and other points where large volume of air may be trapped - Use 1/4" globe valve,
37 angle type, 125 psi, Crane #89, attached to coupling in top of main, 1/4" discharge pipe turned
38 down with cap.

- 1 B. On branch lines and small heating units - Use coin-operated air vent equal to B&G #4V, attached to
2 1/8" coupling in top of pipe. Install air vents on all coils and terminal heating units.

3 **2.9 AUTOMATIC AIR VENTS**

- 4 A. Low capacity automatic air vent (for bladder tank anti-thermosyphon loops). Maximum operating
5 pressure and temperature of at least 240°F and 125 psi, 1/2" or 3/4" inlet. B&G #87, Armstrong,
6 Spirotherm, Taco, or Watts.

- 7 B. High/low capacity automatic air vent (for air separator connection). Maximum operating pressure
8 and temperature of at least 240°F and 125 psi, 3/4" inlet, 3/8" minimum outlet. B&G #107,
9 Armstrong, Spirotherm, Taco, or Watts.

10 **2.10 MAKE-UP WATER ACCESSORIES**

- 11 A. Pressure Reducing Valve:

- 12 1. For water fill lines to hydronic systems.
- 13 2. Pressure reducing valve. Removable strainer, field adjustable discharge pressure, brass
14 body, disc and seat, union with 1/2" or 3/4" NPT sweat connection, 125 psig maximum
15 working pressure, 225°F maximum temperature.
- 16 3. Acceptable Manufacturers: Armstrong, Bell & Gossett, Conbraco, Thrush, Watts.

- 17 B. Relief Valve:

- 18 1. For water fill lines to hydronic systems.
- 19 2. Cast iron or bronze body, 1/2" or 3/4" screwed connections, 125 psig working pressure,
20 225°F maximum temperature. Minimum 500,000 Btuh capacity at 30 psig. Manual test
21 lever.
- 22 3. Acceptable Manufacturers: Armstrong, Bell & Gossett, Conbraco, Taco, Watts.

23 **2.11 BALANCING VALVE**

- 24 A. Rated for 125 psi working pressure and 250°F operating temperature, taps for determining flow with
25 a portable meter, positive shutoff valves for each meter connection, memory feature, tight shutoff,
26 and a permanent pressure drop between 1' and 2' water column at full flow with valve 100% open.
27 Furnish with molded, removable insulation covers.

- 28 B. Provide a nomograph to determine flow from meter reading (and valve position on units which
29 sense pressure across a valve). Graph shall extend below the specified minimum flow.

- 30 C. Valves in copper piping shall be brass or bronze.

- 31 1. Quarter-Turn Venturi Style:

- 32 a. Presso "B+"
33 b. Griswold "Quickset"
34 c. Gerand "BALVALVE Venturi"
35 d. HCI "Terminator B"
36 e. Nexus Valve "UltraXB Orturi"
37 f. IMI Hydronic Engineering "Accusetter"

2.12 COALESCING TYPE COMBINATION AIR ELIMINATOR AND DIRT SEPARATOR

- A. Coalescing type air eliminator and dirt separator shall be fabricated from steel and ASME constructed and certified for 125 psi working pressure and 270°F operating temperature. Units 2-1/2 inches and smaller shall have threaded connections. Units 3 inches and larger shall have flanged connections.
- B. Air elimination and dirt separation shall be by coalescing action by either:
 - 1. Stainless steel PALL rings.
 - 2. Copper tubes with continuous wound, permanently attached copper wire and followed by a separate continuous wound permanently affixed copper wire.
- C. Provide unit with factory mounted air vent at the top of the air elimination chamber.
- D. Provide brass flushing cock on the separator side to facilitate system fast-fill and to blow down impurities from the water surface within the separator.
- E. Provide factory mounted blow-down valve on the unit bottom to allow for draining and cleaning.
- F. Coalescing separators shall be as sized on the construction drawings, but in no case shall it have less than line size connections nor shall pressure drop exceed 1 psi at design flow. Include on submittal the pressure drop of each unit at its design flow rate.
- G. Coalescing separators shall be equipped with removable cover to allow for removal, inspection and cleaning of the internal coalescing media.
- H. Acceptable Manufacturers: Spirotherm VDN Series, Wessels WVA, Taco.

2.13 DRAIN VALVES AND BLOWDOWN VALVES

- A. Drain valve and blowdown valve shall mean a shutoff valve as specified for the intended service with added 3/4" male hose thread outlet, cap, and retaining chain.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Ream pipe and tube ends, remove burrs, bevel plain end ferrous pipe.
- B. Remove scale and dirt on inside and outside before assembly.
- C. Remove all scale, rust, dirt, oils, stickers and thoroughly clean exterior of all bare metal exposed piping, hangers, and accessories in preparation to be painted.
- D. Connect to all equipment with flanges or unions.
- E. After completion, fill, clean, and treat systems. Refer to Section 23 25 00 for treatment.

3.2 SYSTEMS, PIPING, AND VALVE SCHEDULE

- A. Heating Water (Above Grade - maximum 140°F):
 - 1. Black Steel; Standard Weight; Threaded Joints: 2" and Under
 - 2. Copper Pipe; Type L; Soldered Joints: 2" and Under

- 1 3. Black Steel; Standard Weight: Welded or Flanged Joints: 2-1/2" and Over
- 2 4. Shutoff Valves: BF-1
- 3 5. Check Valves:
- 4 6. Strainers:

5 **3.3 TESTING PIPING**

- 6 A. Test pipes underground or in chases and walls before piping is concealed.
- 7 B. Complete testing before insulation is applied. If insulation is applied before pipe is tested and a leak
- 8 ruins the insulation, replace all damaged insulation.
- 9 C. Test the pipe with water at 100 psig pressure. Hold pressure for at least two hours.
- 10 D. Test to be witnessed by the Architect/Engineer or their representative, if requested by the
- 11 Architect/Engineer.

12 **3.4 CLEANING PIPING**

- 13 A. Assembly:
 - 14 1. Prior to assembly of pipe and piping components, remove all loose dirt, scale, oil and
 - 15 other foreign matter on internal or external surfaces by means consistent with good piping
 - 16 practice subject to approval of the Architect/Engineer. Blow chips and burrs out of pipe
 - 17 before assembly. Wipe cutting oil from internal and external surfaces.
 - 18 2. During fabrication and assembly, remove slag and weld spatter from both internal and
 - 19 external joints by peening, chipping and wire brushing to the degree consistent with good
 - 20 piping practices.
 - 21 3. Notify the Architect/Engineer prior to starting any post erection cleaning operation in time
 - 22 to allow witnessing the operation. Properly dispose of cleaning and flushing fluids.
 - 23 4. Prior to blowing or flushing erected piping systems, disconnect all instrumentation and
 - 24 equipment, open wide all valves, control valves, and balance valves, and verify all strainer
 - 25 screens are in place.
- 26 B. Chemical Cleaning:
 - 27 1. Flush pipe and components with clean water until all discharge from system is clean.
 - 28 Maintain minimum velocities at all points of 5 feet/second for 30 minutes. Flow shall be in
 - 29 same direction as when system is in normal operation. Discharge shall be from low points
 - 30 of pipes, ends of headers and as otherwise needed to flush entire system. After flushing,
 - 31 all residual water shall be drained and/or blown out.
 - 32 2. Add 2 pounds of trisodium phosphate per 100 gallons of system capacity. Use an
 - 33 alternate chemical if discharge of trisodium phosphate is not permitted. Maintain 150°F in
 - 34 the system if possible. If heat is not available, use 3 pounds per 100 gallons.
 - 35 3. Drain the system after circulating the chemical cleaner for six hours at 150°F, or 12 hours
 - 36 at a lower temperature. Refill. Test a water sample. Drain and fill again if excessive
 - 37 cleaning chemicals remain and until water appears clear.
 - 38 4. After each system has been cleaned and thoroughly flushed of pretreatment chemicals, it
 - 39 shall be immediately refilled with water and treated with chemical treatment as specified in
 - 40 Section 23 25 00. The system shall not be allowed to sit empty for any length of time.
 - 41 5. When system water is clear, remove, clean and replace all strainers.
 - 42 6. Water samples may be taken by the Architect/Engineer to verify a clean system. If system
 - 43 is not clean, the entire process, including chemical treatment specified in Section 23 25
 - 44 00, shall be repeated at the Contractor's expense.
 - 45 7. Chemical cleaning applies to the following systems:
 - 46 a. Heating Water

1 **3.5 INSTALLATION**

2 A. General Installation Requirements:

- 3 1. Route piping in orderly manner, straight, plumb, with consistent pitch, parallel to building
4 structure, with minimum use of offsets and couplings. Provide only offsets required for
5 needed headroom or clearance and needed flexibility in pipe system.
6 2. Install piping to conserve building space, and not interfere with other work.
7 3. Group piping whenever practical at common elevations.
8 4. Install piping to allow for expansion and contraction without stressing pipe, joints, or
9 connected equipment.
10 5. Reducers are generally not shown. Where pipe sizes change at tee, the tee shall be the
11 size of the largest pipe shown connecting to it. Where pipe sizes are not shown, the larger
12 size in either direction shall continue through the fitting nearest to the indication of a
13 smaller pipe size.
14 6. Install bell and spigot pipe with bells upstream.
15 7. Seal pipes passing through exterior walls with a wall seal per Section 23 05 29. Provide
16 Schedule 40 galvanized sleeve at least 2 pipe sizes larger than the pipe.

17 B. Branch takeoffs shall be from the top side (if branch is two sizes smaller than main), or any angle
18 from the horizontal plane to the top of piping. Installation Requirements in Electrical Rooms:

- 19 1. Do not install piping or other equipment above electrical switchboards or panelboards.
20 This includes a dedicated space extending 25 feet from the floor to the structural ceiling
21 with width and depth equal to the equipment plus its required clearance space.

22 C. Valves/Fittings and Accessories:

- 23 1. Provide chain operators for all valves over 2" size that are over 10'-0" above finished floor.
24 Extend to 7'-0" above finished floor.
25 2. Provide valve position indicator on all valves 10'-0" or greater above finish floor and not
26 located above ceiling.
27 3. Provide clearance for installation of insulation, and access to valves and fittings.
28 4. Prepare pipe, fittings, supports, and accessories for finish painting.
29 5. Install valves with stems upright or horizontal, not inverted, except install manual quarter
30 turn valves in radiation cabinets and all butterfly valves with stems horizontal.
31 6. Provide shutoff valves and flanges or unions at all connections to equipment, traps, and
32 items that require servicing.
33 7. Provide flanges or unions at all final connections to equipment, traps and valves.
34 8. Arrange piping and piping connections so equipment may be serviced or totally removed
35 without disturbing piping beyond final connections and associated shutoff valves.

36 **3.6 PIPE ERECTION AND LAYING**

37 A. Carefully inspect all pipe, fittings, valves, equipment and accessories prior to installation.
38 Immediately reject and remove from the job any items which are unsuitable, cracked or otherwise
39 defective.

40 B. All pipe, fittings, valves, equipment and accessories shall have factory-applied markings,
41 stampings, or nameplates sufficient to determine their conformance with specified requirements.

42 C. Exercise care at every stage of storage, handling, laying and erecting to prevent entry of foreign
43 matter into piping, fittings, valves, equipment and accessories. Do not erect or install any unclean
44 item.

45 D. During construction, until system is fully operational, keep all openings in piping and equipment
46 closed at all times except when actual work is being performed on that item. Closures shall be
47 plugs, caps, blind flanges or other items designed for this purpose.

- 1 E. Change direction of pipes only with fittings or pipe bends. Change size only with fittings. Do not use
2 miter fittings, face or flush bushings, or street elbows. 2-1/2" and larger fittings shall be long radius
3 type, unless otherwise shown on the drawings or specified. Construct welded elbows of angles not
4 available as standard fittings by cutting and welding standard elbows to form smooth, long radius
5 fittings.
- 6 F. Use full and double lengths of pipe wherever possible.
- 7 G. Unless otherwise indicated, install all inlet and outlet piping, including shutoff valves and strainers,
8 to coils, pumps and other equipment at line size with reduction in size being made only at control
9 valve or pump.
- 10 H. Cut all pipe to exact measurement and install without springing or forcing except in the case of
11 expansion loops where cold springing is indicated on the drawings.
- 12 I. Do not create, even temporarily, undue loads, forces or strains on valves, equipment or building
13 elements.

14 **3.7 DRAINING AND VENTING**

- 15 A. Unless otherwise indicated on the drawings, all horizontal pipes, including branches, shall pitch 1"
16 in 40 feet to low points for complete drainage, removal of condensate, and venting.
- 17 B. Provide drain valves at all low points of water piping systems or where indicated on drawings for
18 complete or sectionalized draining. Drain valves are defined above.
- 19 C. Use eccentric reducing fittings on horizontal runs when changing size for proper drainage and
20 venting. Install all liquid lines with top of pipe and eccentric reducers in a continuous line.
- 21 D. Provide air vents at all high points and wherever else required for elimination of air in all water
22 piping systems. Do not use automatic air vents in glycol systems unless they are piped to the fill
23 tank.
- 24 E. Air vents shall be in accessible locations. If needed to trap and vent air in a remote location, a 1/8"
25 pipe shall connect the tapping location to a venting device in an accessible location.
- 26 F. All vent and drain piping shall be of same materials and construction as the service involved.

27 **3.8 BRANCH CONNECTIONS**

- 28 A. Make branch connections with standard tee or cross fittings of the type required for the service
29 unless otherwise specified herein or detailed on the drawings.
- 30 B. At the option of the Contractor, branch connections from headers and mains may be cut into black
31 steel pipe using forged weld-on fittings.
- 32 C. Use of forged weld-on fittings is also limited as follows:
- 33 1. Must have at least same pressure rating as the main.
34 2. Header or main must be 2-1/2" or over.
35 3. Branch line is at least two pipe sizes under header or main size.

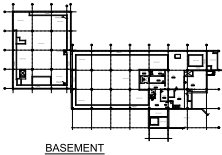
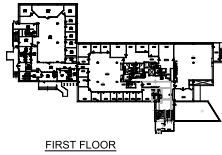
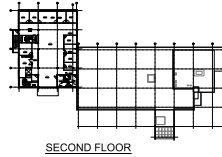
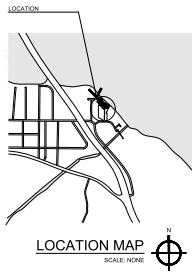
36 **3.9 JOINING OF PIPE**

- 37 A. Threaded Joints (Steel Pipe):
- 38 1. Ream pipe ends and remove all burrs and chips.
39 2. Protect plated pipe and valve bodies from wrench marks when making up joints.

OLIN PARK FACILITY IMPROVEMENTS

330 E LAKESIDE STREET MADISON, WISCONSIN 53715

CONTRACT # 9050
MUNIS # 12856



ARCHITECTURAL FLOOR DIAGRAMS
SCALE: 1" = 16'-0"

PUBLIC IMPROVEMENT PROJECT APPROVED: RES - 21-0043		PUBLIC IMPROVEMENT DESIGN APPROVED BY:	
FILE ID 6990	DATE 7/3/2021	CITY ENGINEER	DATE
BY THE COMMON COUNCIL OF MADISON,			

GENERAL NOTES:

- ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF WISCONSIN BUILDING CODE LATEST EDITION.
- CONTRACTORS ARE RESPONSIBLE FOR VERIFICATION OF AND COORDINATION WITH ALL DIMENSIONS SHOWN ON THESE DRAWINGS RELATIVE TO EXISTING CONDITIONS PRIOR TO BEGINNING WORK. DO NOT SCALE FROM DRAWINGS.
- CONTRACTOR SHALL REPORT IMMEDIATELY TO THE ARCHITECT ANY DIMENSIONS OR DISCREPANCIES VERNALLY. A WRITTEN REPORT SHALL BE PROVIDED TO THE ARCHITECT. CONTRACTOR SHALL CEASE WORK IN THE AFFECTED AREA UNTIL DIRECTED BY THE ARCHITECT.
- THE CONTRACTOR SHALL PROVIDE ALL METHODS AND EQUIPMENT FOR PROTECTING THE BUILDING, ALL MATERIALS, AND PERSONNEL FROM FIRE OR OTHER DAMAGE PRIOR TO STARTING. THE CONTRACTOR SHALL SUBMIT THE APPROVED METHODS AND EQUIPMENT TO THE ARCHITECT FOR THE OWNER AND ARCHITECT'S REVIEW PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL COMPLY WITH ALL SAFETY AND HEALTH LAWS AND REGULATIONS.
- EXECUTION OF THE WORK WILL INVOLVE CONSIDERATION FOR ALLOWING THE OWNER TO CONTINUE THE OPERATION OF THE BUILDING AND THE BUSINESS BY THE LOCALITY AND ADJACENT FACILITIES PRIOR TO THE START OF THE CONTRACT. THE CONSTRUCTION SCHEDULE PREPARED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ARCHITECT AND SHALL BE COORDINATED WITH THE OWNER. OWNER'S APPROVAL OF THE PROPOSED SCHEDULE SHALL SUPERSEDE THE CONTRACT PROVIDED THE OVERALL TIME IS NOT CHANGED.
- THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDITIONS TO DETERMINE ALL SERVICES ELECTRICAL, MECHANICAL AND PLUMBING AFFECTED BY THE REPAIR WORK. THE CONTRACTOR SHALL MAKE NECESSARY TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SERVICES TO ALL AREAS OF THE BUILDING DIRECTLY AND INDIRECTLY AFFECTED BY THE WORK. THE CONTRACTOR SHALL SUBMIT METHODS AND SCHEDULE OF CONNECTIONS TO THE OWNER FOR APPROVAL PRIOR TO BEGINNING WORK.
- AS THE WORK PROGRESSES, THE CONTRACTOR SHALL PRODUCE "AS-BUILT" DRAWINGS FOR THE INSTALLATION OF ALL REPAIRS UNDER THE CONTRACT. THE ARCHITECT WILL PROVIDE THE GENERAL CONTRACTOR WITH A SET OF REPRODUCIBLE PLANS FOR THIS PURPOSE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE AS-BUILT DRAWINGS ACCORDING TO THE JOB PROGRESS. EACH PAY REQUEST SUBMITTED BY THE CONTRACTOR SHALL BE ACCOMPANIED BY A COPY OF THE UPDATED AS-BUILT DRAWINGS.
- THE CONTRACTOR SHALL CALL "TOSSER'S HOTLINE" AT 800-242-8111 48 HOURS EXCLUDING WEEKENDS AND/OR HOLIDAYS PRIOR TO TISSING ANY ELEVATION. TOSSER'S HOTLINE WILL CONTACT UTILITY COMPANIES TO LOCATE AND MARK THEIR UNDERGROUND FACILITIES. NO WORK SHALL COMMENCE PRIOR TO VERIFICATION THAT ALL UTILITIES HAVE BEEN LOCATED.
- PROTECT THESE SHRUBS, LAWNS, AND OTHER FEATURES WITHIN PROJECT LIMITS. RESTORE DAMAGED FEATURES TO ORIGINAL CONDITION.
- THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, BREATHING, REQUIRED FOR THE SAFETY AND PROPER EXECUTION OF THE WORK.

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P072	PLUMBING FLOW DIAGRAMS	E398	FIRST FLOOR - TECHNOLOGY
P073	PLUMBING FLOW DIAGRAMS	E399	SECOND FLOOR - TECHNOLOGY
P074	PLUMBING FLOW DIAGRAMS	E400	BASEMENT - TECHNOLOGY
P075	PLUMBING FLOW DIAGRAMS	E401	GROUND FLOOR - TECHNOLOGY
P076	PLUMBING FLOW DIAGRAMS	E402	FIRST FLOOR - TECHNOLOGY
P077	PLUMBING FLOW DIAGRAMS	E403	SECOND FLOOR - TECHNOLOGY
P078	PLUMBING FLOW DIAGRAMS	E404	BASEMENT - TECHNOLOGY
P079	PLUMBING FLOW DIAGRAMS	E405	GROUND FLOOR - TECHNOLOGY
P080	PLUMBING FLOW DIAGRAMS	E406	FIRST FLOOR - TECHNOLOGY
P081	PLUMBING FLOW DIAGRAMS	E407	SECOND FLOOR - TECHNOLOGY
P082	PLUMBING FLOW DIAGRAMS	E408	BASEMENT - TECHNOLOGY
P083	PLUMBING FLOW DIAGRAMS	E409	GROUND FLOOR - TECHNOLOGY
P084	PLUMBING FLOW DIAGRAMS	E410	FIRST FLOOR - TECHNOLOGY
P085	PLUMBING FLOW DIAGRAMS	E411	SECOND FLOOR - TECHNOLOGY
P086	PLUMBING FLOW DIAGRAMS	E412	BASEMENT - TECHNOLOGY
P087	PLUMBING FLOW DIAGRAMS	E413	GROUND FLOOR - TECHNOLOGY
P088	PLUMBING FLOW DIAGRAMS	E414	FIRST FLOOR - TECHNOLOGY
P089	PLUMBING FLOW DIAGRAMS	E415	SECOND FLOOR - TECHNOLOGY
P090	PLUMBING FLOW DIAGRAMS	E416	BASEMENT - TECHNOLOGY
P091	PLUMBING FLOW DIAGRAMS	E417	GROUND FLOOR - TECHNOLOGY
P092	PLUMBING FLOW DIAGRAMS	E418	FIRST FLOOR - TECHNOLOGY
P093	PLUMBING FLOW DIAGRAMS	E419	SECOND FLOOR - TECHNOLOGY
P094	PLUMBING FLOW DIAGRAMS	E420	BASEMENT - TECHNOLOGY
P095	PLUMBING FLOW DIAGRAMS	E421	GROUND FLOOR - TECHNOLOGY
P096	PLUMBING FLOW DIAGRAMS	E422	FIRST FLOOR - TECHNOLOGY
P097	PLUMBING FLOW DIAGRAMS	E423	SECOND FLOOR - TECHNOLOGY
P098	PLUMBING FLOW DIAGRAMS	E424	BASEMENT - TECHNOLOGY
P099	PLUMBING FLOW DIAGRAMS	E425	GROUND FLOOR - TECHNOLOGY
P100	PLUMBING FLOW DIAGRAMS	E426	FIRST FLOOR - TECHNOLOGY
P101	PLUMBING FLOW DIAGRAMS	E427	SECOND FLOOR - TECHNOLOGY
P102	PLUMBING FLOW DIAGRAMS	E428	BASEMENT - TECHNOLOGY
P103	PLUMBING FLOW DIAGRAMS	E429	GROUND FLOOR - TECHNOLOGY
P104	PLUMBING FLOW DIAGRAMS	E430	FIRST FLOOR - TECHNOLOGY
P105	PLUMBING FLOW DIAGRAMS	E431	SECOND FLOOR - TECHNOLOGY
P106	PLUMBING FLOW DIAGRAMS	E432	BASEMENT - TECHNOLOGY
P107	PLUMBING FLOW DIAGRAMS	E433	GROUND FLOOR - TECHNOLOGY
P108	PLUMBING FLOW DIAGRAMS	E434	FIRST FLOOR - TECHNOLOGY
P109	PLUMBING FLOW DIAGRAMS	E435	SECOND FLOOR - TECHNOLOGY
P110	PLUMBING FLOW DIAGRAMS	E436	BASEMENT - TECHNOLOGY
P111	PLUMBING FLOW DIAGRAMS	E437	GROUND FLOOR - TECHNOLOGY
P112	PLUMBING FLOW DIAGRAMS	E438	FIRST FLOOR - TECHNOLOGY
P113	PLUMBING FLOW DIAGRAMS	E439	SECOND FLOOR - TECHNOLOGY
P114	PLUMBING FLOW DIAGRAMS	E440	BASEMENT - TECHNOLOGY
P115	PLUMBING FLOW DIAGRAMS	E441	GROUND FLOOR - TECHNOLOGY
P116	PLUMBING FLOW DIAGRAMS	E442	FIRST FLOOR - TECHNOLOGY
P117	PLUMBING FLOW DIAGRAMS	E443	SECOND FLOOR - TECHNOLOGY
P118	PLUMBING FLOW DIAGRAMS	E444	BASEMENT - TECHNOLOGY
P119	PLUMBING FLOW DIAGRAMS	E445	GROUND FLOOR - TECHNOLOGY
P120	PLUMBING FLOW DIAGRAMS	E446	FIRST FLOOR - TECHNOLOGY
P121	PLUMBING FLOW DIAGRAMS	E447	SECOND FLOOR - TECHNOLOGY
P122	PLUMBING FLOW DIAGRAMS	E448	BASEMENT - TECHNOLOGY
P123	PLUMBING FLOW DIAGRAMS	E449	GROUND FLOOR - TECHNOLOGY
P124	PLUMBING FLOW DIAGRAMS	E450	FIRST FLOOR - TECHNOLOGY
P125	PLUMBING FLOW DIAGRAMS	E451	SECOND FLOOR - TECHNOLOGY
P126	PLUMBING FLOW DIAGRAMS	E452	BASEMENT - TECHNOLOGY
P127	PLUMBING FLOW DIAGRAMS	E453	GROUND FLOOR - TECHNOLOGY
P128	PLUMBING FLOW DIAGRAMS	E454	FIRST FLOOR - TECHNOLOGY
P129	PLUMBING FLOW DIAGRAMS	E455	SECOND FLOOR - TECHNOLOGY
P130	PLUMBING FLOW DIAGRAMS	E456	BASEMENT - TECHNOLOGY
P131	PLUMBING FLOW DIAGRAMS	E457	GROUND FLOOR - TECHNOLOGY
P132	PLUMBING FLOW DIAGRAMS	E458	FIRST FLOOR - TECHNOLOGY
P133	PLUMBING FLOW DIAGRAMS	E459	SECOND FLOOR - TECHNOLOGY
P134	PLUMBING FLOW DIAGRAMS	E460	BASEMENT - TECHNOLOGY
P135	PLUMBING FLOW DIAGRAMS	E461	GROUND FLOOR - TECHNOLOGY
P136	PLUMBING FLOW DIAGRAMS	E462	FIRST FLOOR - TECHNOLOGY
P137	PLUMBING FLOW DIAGRAMS	E463	SECOND FLOOR - TECHNOLOGY
P138	PLUMBING FLOW DIAGRAMS	E464	BASEMENT - TECHNOLOGY
P139	PLUMBING FLOW DIAGRAMS	E465	GROUND FLOOR - TECHNOLOGY
P140	PLUMBING FLOW DIAGRAMS	E466	FIRST FLOOR - TECHNOLOGY
P141	PLUMBING FLOW DIAGRAMS	E467	SECOND FLOOR - TECHNOLOGY
P142	PLUMBING FLOW DIAGRAMS	E468	BASEMENT - TECHNOLOGY
P143	PLUMBING FLOW DIAGRAMS	E469	GROUND FLOOR - TECHNOLOGY
P144	PLUMBING FLOW DIAGRAMS	E470	FIRST FLOOR - TECHNOLOGY
P145	PLUMBING FLOW DIAGRAMS	E471	SECOND FLOOR - TECHNOLOGY
P146	PLUMBING FLOW DIAGRAMS	E472	BASEMENT - TECHNOLOGY
P147	PLUMBING FLOW DIAGRAMS	E473	GROUND FLOOR - TECHNOLOGY
P148	PLUMBING FLOW DIAGRAMS	E474	FIRST FLOOR - TECHNOLOGY
P149	PLUMBING FLOW DIAGRAMS	E475	SECOND FLOOR - TECHNOLOGY
P150	PLUMBING FLOW DIAGRAMS	E476	BASEMENT - TECHNOLOGY
P151	PLUMBING FLOW DIAGRAMS	E477	GROUND FLOOR - TECHNOLOGY
P152	PLUMBING FLOW DIAGRAMS	E478	FIRST FLOOR - TECHNOLOGY
P153	PLUMBING FLOW DIAGRAMS	E479	SECOND FLOOR - TECHNOLOGY
P154	PLUMBING FLOW DIAGRAMS	E480	BASEMENT - TECHNOLOGY
P155	PLUMBING FLOW DIAGRAMS	E481	GROUND FLOOR - TECHNOLOGY
P156	PLUMBING FLOW DIAGRAMS	E482	FIRST FLOOR - TECHNOLOGY
P157	PLUMBING FLOW DIAGRAMS	E483	SECOND FLOOR - TECHNOLOGY



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MADISON
PARKS

OLIN PARK FACILITY IMPROVEMENTS
330 E LAKESIDE STREET
MADISON, WISCONSIN 53715
CONTRACT # 9050

NOTE: ALL DIMENSIONS GIVEN SHALL BE CONSIDERED TO BE TO 1/8" OR VERIFY IN-FIELD

ADDENDUM #1 8-19-21

ICA NO. COM 20-002

BASEMENT DEMO PLAN

ISSUED FOR BID
06-08-2021

A201

DEMO PLAN KEY NOTES

CONCRETE / PRECAST / FINISHES

- 3.1 REMOVE PORTION OF EXISTING CONCRETE SLAB FOR MEP FLOOR MODIFICATIONS. SEE MEP DRAWINGS FOR SCOPE OF DEMOLITION, PATCH AND REPAIR WORKING TO PROVIDE A SMOOTH AND CONTINUOUS SURFACE. WHERE FINISHED CEILING IS INDICATED, PREPARE TO RECEIVE NEW FINISH FLOORING. SEE ALSO NOTES FOR FINISHES.
- 3.2 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.3 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.4 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.5 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.6 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
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- 3.12 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.13 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.14 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.15 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.16 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.17 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.18 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.19 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.
- 3.20 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT TO EXPOSE STAIRS BELOW.

MECHANICAL / ELECTRICAL / PLUMBING

- 4.1 REMOVE EXISTING WALL TO ACCOMMODATE NEW OR MODIFIED OPENING. PROVIDE LINTEL. PREPARE OPENING TO RECEIVE NEW DOOR OR WINDOW WHERE SPECIFIED.
- 4.2 REMOVE PORTION OF EXISTING WALL FULL HEIGHT. PROTECT ANY MEP ITEMS. PREPARE FOR NEW CONSTRUCTION WHERE NOTED. GO TO PATCH CEILING ABOVE. REPAIR AND FINISH AS NOTED. PROVIDE SMOOTH & CONTINUOUS SURFACES THROUGHOUT.
- 4.3 REMOVE PORTION OF EXISTING CONCRETE STAIR AND ALL ASSOCIATED DRAINAGE TO ACCOMMODATE NEW ELEVATOR SHAFT. PATCH AND PREPARE REAR WALL FOR NEW CONSTRUCTION.
- 4.4 REMOVE PORTION OF EXISTING WALL OR PARTITION FOR MEP ACCESS. PATCH AND REPAIR TO MATCH EXISTING. SEE MEP DRAWINGS.
- 4.5 REMOVE EXISTING CHASE WALL FULL HEIGHT. PROTECT ANY MEP ITEMS. PREPARE TO RECEIVE NEW CONSTRUCTION.
- 4.6 REMOVE EXISTING WALL TO ACCOMMODATE NEW ELEVATOR SHAFT AND PARTITION.
- 4.7 REMOVE EXISTING PARTITION AT STAIR TO ACCOMMODATE NEW ELEVATOR SHAFT AND PARTITION.
- 4.8 REMOVE EXISTING GROUND AND PREPARE FOR INSTALLATION OF NEW SPANDREL PANELS AT ELEVATOR SHAFT.
- 4.9 REMOVE EXISTING DOOR AND/OR FRAME, GLASS AND WINDOW COMPLETE. REMOVE HARDWARE AND LOCKSET AND TURN OVER TO OWNER. PREPARE EXISTING OPENING AS NOTED TO RECEIVE NEW CONSTRUCTION. SEE DOOR SCHEDULE FOR DOOR SCOPE.
- 4.10 REMOVE EXISTING DOOR AND FRAME INCLUDING ANY ASSOCIATED SILL, CASE, STORES AND/OR PARTITION. REMOVE AND REPAIR TO MATCH EXISTING OR NEW OPENING.
- 4.11 REMOVE EXISTING DOOR AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.12 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.13 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.14 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.15 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.16 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.17 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.18 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.19 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.
- 4.20 REMOVE EXISTING DOORS AND FRAME TO 1/2" AND PREPARE TO RECEIVE NEW ELEVATOR SYSTEM WITH EXISTING 1/2" SILL.

MECHANICAL / ELECTRICAL / PLUMBING (CONT.)

- 5.1 REMOVE EXISTING CEILING SYSTEM (EXISTING GRID, PRESSURE AND STONE) (SEE FOR REINSTALLATION WITH NEW CEILING TILES) FOR OPERABLE CEILING. PREPARE FOR NEW GYPSUM BOARD, PATCH REPAIR, & FINISH OFF. PROTECT ALL LIGHTING AND MECHANICAL IN PLACE. PATCH NOTES OFFERBASE ELECTRICAL DRAWINGS.
- 5.2 REMOVE PORTION OF EXISTING CEILING AS REQUIRED TO PROVIDE MECHANICAL ACCESS. PRESSURE AND STONE (SEE LAY IN USE) AND TILES FOR REINSTALLATION AT DEMO. PATCH REPAIR, & FINISH OFF. PROTECT ALL LIGHTING AND MECHANICAL IN PLACE. PATCH NOTES OFFERBASE ELECTRICAL DRAWINGS.
- 5.3 REMOVE EXISTING MECHANICAL TILE, GROUT, AND REINFORCING MASTIC. PREPARE TO RECEIVE NEW PAINT FINISH SYSTEM.
- 5.4 REMOVE EXISTING PARTITION FOR NEW DOOR OR WINDOW OPENING. PREPARE OPENING FOR NEW DOOR AND WINDOW FRAME. PATCH AND REPAIR WALL TO MATCH EXISTING.
- 5.5 REMOVE EXISTING SLAB (GIRTH GIRT) PREPARE TO RECEIVE NEW CONSTRUCTION.
- 5.6 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.
- 5.7 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.
- 5.8 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.
- 5.9 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.
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- 5.20 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.

- 6.8 REMOVE EXISTING FINISH-BASE IN THIS SPACE. PATCH AND PREPARE SURFACES TO RECEIVE NEW FINISH-BASE.
- 6.9 REMOVE EXISTING FINISH FLOORING. PATCH FLOOR WITH LEVELING COMPOUND WHERE NECESSARY. SEE FLOOR FINISH PLANS FOR AREA TO RECEIVE NEW FLOOR FINISH.
- 6.10 REMOVE EXISTING CLOSET FULL HEIGHT INCLUDING DOORS, FRAMES, AND HARDWARE. PATCH AND REPAIR ALL FINISHES AS NECESSARY.
- 6.11 REMOVE EXISTING CARPET AND MASTIC. CLEAN CONCRETE SLAB TO DEMO FLOOR. PATCH DOOR AS NECESSARY FOR A SMOOTH AND CONTINUOUS CONCRETE FINISH.
- 6.12 REMOVE EXISTING TOILET PARTITIONS COMPLETE.
- 6.13 REMOVE EXISTING TOILET ROOM ACCESSORIES.

MECHANICAL / ELECTRICAL / PLUMBING (CONT.)

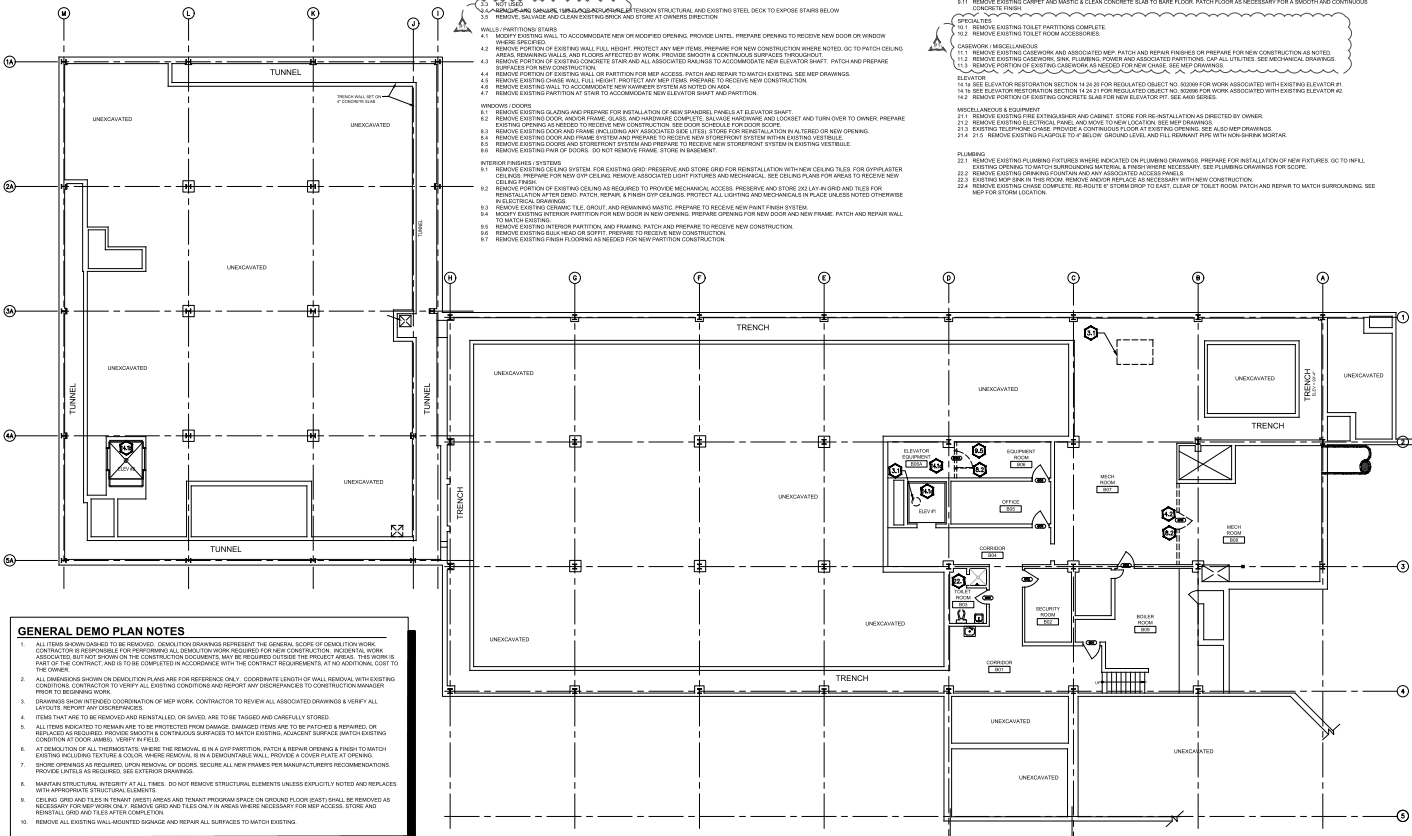
- 7.1 REMOVE EXISTING GYPSUM BOARD AND ASSOCIATED MEP. PATCH AND REPAIR FINISHES OR PREPARE FOR NEW CONSTRUCTION AS NOTED.
- 7.2 REMOVE EXISTING GYPSUM BOARD AND ASSOCIATED PARTITIONS. CAP ALL UTILITIES. SEE MECHANICAL DRAWINGS.
- 7.3 REMOVE EXISTING GYPSUM BOARD AND ASSOCIATED PARTITIONS. CAP ALL UTILITIES. SEE MECHANICAL DRAWINGS.
- 7.4 REMOVE EXISTING GYPSUM BOARD AND ASSOCIATED PARTITIONS. CAP ALL UTILITIES. SEE MECHANICAL DRAWINGS.
- 7.5 REMOVE EXISTING GYPSUM BOARD AND ASSOCIATED PARTITIONS. CAP ALL UTILITIES. SEE MECHANICAL DRAWINGS.
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- 7.19 REMOVE EXISTING GYPSUM BOARD AND ASSOCIATED PARTITIONS. CAP ALL UTILITIES. SEE MECHANICAL DRAWINGS.
- 7.20 REMOVE EXISTING GYPSUM BOARD AND ASSOCIATED PARTITIONS. CAP ALL UTILITIES. SEE MECHANICAL DRAWINGS.

MECHANICAL / ELECTRICAL / PLUMBING (CONT.)

- 8.1 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET. STORE FOR RE-INSTALLATION AS DIRECTED BY OWNER.
- 8.2 REMOVE EXISTING ELECTRICAL PANEL AND MOVE TO NEW LOCATION. SEE MEP DRAWINGS.
- 8.3 REMOVE EXISTING ELECTRICAL PANEL AND MOVE TO NEW LOCATION. SEE MEP DRAWINGS.
- 8.4 REMOVE EXISTING ELECTRICAL PANEL AND MOVE TO NEW LOCATION. SEE MEP DRAWINGS.
- 8.5 REMOVE EXISTING ELECTRICAL PANEL AND MOVE TO NEW LOCATION. SEE MEP DRAWINGS.
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- 8.19 REMOVE EXISTING ELECTRICAL PANEL AND MOVE TO NEW LOCATION. SEE MEP DRAWINGS.
- 8.20 REMOVE EXISTING ELECTRICAL PANEL AND MOVE TO NEW LOCATION. SEE MEP DRAWINGS.

MECHANICAL / ELECTRICAL / PLUMBING (CONT.)

- 9.1 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.
- 9.2 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.
- 9.3 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.
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- 9.20 REMOVE EXISTING FLOORING AS NOTED FOR NEW PARTITION CONSTRUCTION.



GENERAL DEMO PLAN NOTES

- ALL ITEMS INDICATED TO BE REMOVED. DEMOLITION DRAWINGS REPRESENT THE GENERAL SCOPE OF DEMOLITION WORK. CONTRACTOR IS RESPONSIBLE FOR REWORKING ALL DEMOLITION WORK REQUIRED FOR NEW CONSTRUCTION. INCIDENTAL WORK ASSOCIATED WITH DEMOLITION OF CONSTRUCTION DOCUMENTS MAY BE REQUIRED OUTSIDE THE PROJECT AREA. THIS WORK IS PART OF THE CONTRACTOR'S OBLIGATION TO COMPLY WITH THE CONTRACT REQUIREMENTS. IT IS THE CONTRACTOR'S COST TO THE OWNER.
- ALL DEMOLITION WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. IT IS THE CONTRACTOR'S OBLIGATION TO VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO CONSTRUCTION MANAGER PRIOR TO BEGINNING WORK.
- DRAWINGS SHOW INTENDED COORDINATION OF MEP WORK. CONTRACTOR TO REVIEW ALL ASSOCIATED DRAWINGS & VERIFY ALL UTILITIES REPORT ANY DISCREPANCIES.
- ITEMS THAT ARE TO BE REMOVED AND REINSTALLED, OR SAVED, ARE TO BE TAGGED AND CAREFULLY STORED.
- ALL UTILITIES KNOWN TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DAMAGED UTILITIES ARE TO BE REPAIRED & REINSTALLED AS REQUIRED. PROVIDE SMOOTH & CONTINUOUS SURFACES TO MATCH EXISTING. ADJACENT SURFACE MATCH EXISTING CONDITION AT DOOR JAMB. VERIFY IN FIELD.
- AT DEMOLITION OF ALL THE ITEMS LISTED, WHERE THE REMOVAL IS IN A GYPSUM PARTITION, PATCH, REPAIR OPENING & FINISH TO MATCH EXISTING INCLUDING TEXTURE & COLOR. WHERE REMOVAL IS IN A DEMOUNTABLE WALL, PROVIDE A COVER PLATE AT OPENING.
- SHORE OPENINGS AS REQUIRED. UPON REMOVAL OF DOORS, SECURE ALL NEW FRAMES PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE LINTEL AS REQUIRED. SEE EXTERIOR DRAWINGS.
- MAINTAIN STRUCTURAL INTEGRITY AT ALL TIMES. DO NOT REMOVE STRUCTURAL ELEMENTS UNLESS EXPLICITLY NOTED AND REPLACES WITH APPROVED STRUCTURAL ELEMENTS.
- CEILING GRID AND TILES IN TENANT WAREHOUSE AREAS AND TENANT PROGRAM SPACE ON GROUND FLOOR (EAST) SHALL BE REMOVED AS NECESSARY FOR DEMOLITION ONLY. REMOVE GRID AND TILES ONLY IN AREAS WHERE NECESSARY FOR MEP ACCESS. STORE AND REINSTALL GRID AND TILES AFTER COMPLETION.
- REMOVE ALL EXISTING WALL AND WINDOW OPENING AND REPAIR ALL SURFACES TO MATCH EXISTING.

1 BASEMENT DEMO PLAN
SCALE: 1/8" = 1'-0"

1 A201



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MADISON
PARKS

OLIN PARK FACILITY IMPROVEMENTS
330 E LAKESIDE STREET
MADISON, WISCONSIN 53715
CONTRACT # 9050

NOTE: ALL DIMENSIONS GIVEN
SHALL BE CONSIDERED TO BE
"AS SHOWN" UNLESS NOTED OTHERWISE.

ADDENDUM # 1 8-19-21

ICA NO. COM-20-002

GROUND FLOOR
DEMO PLAN

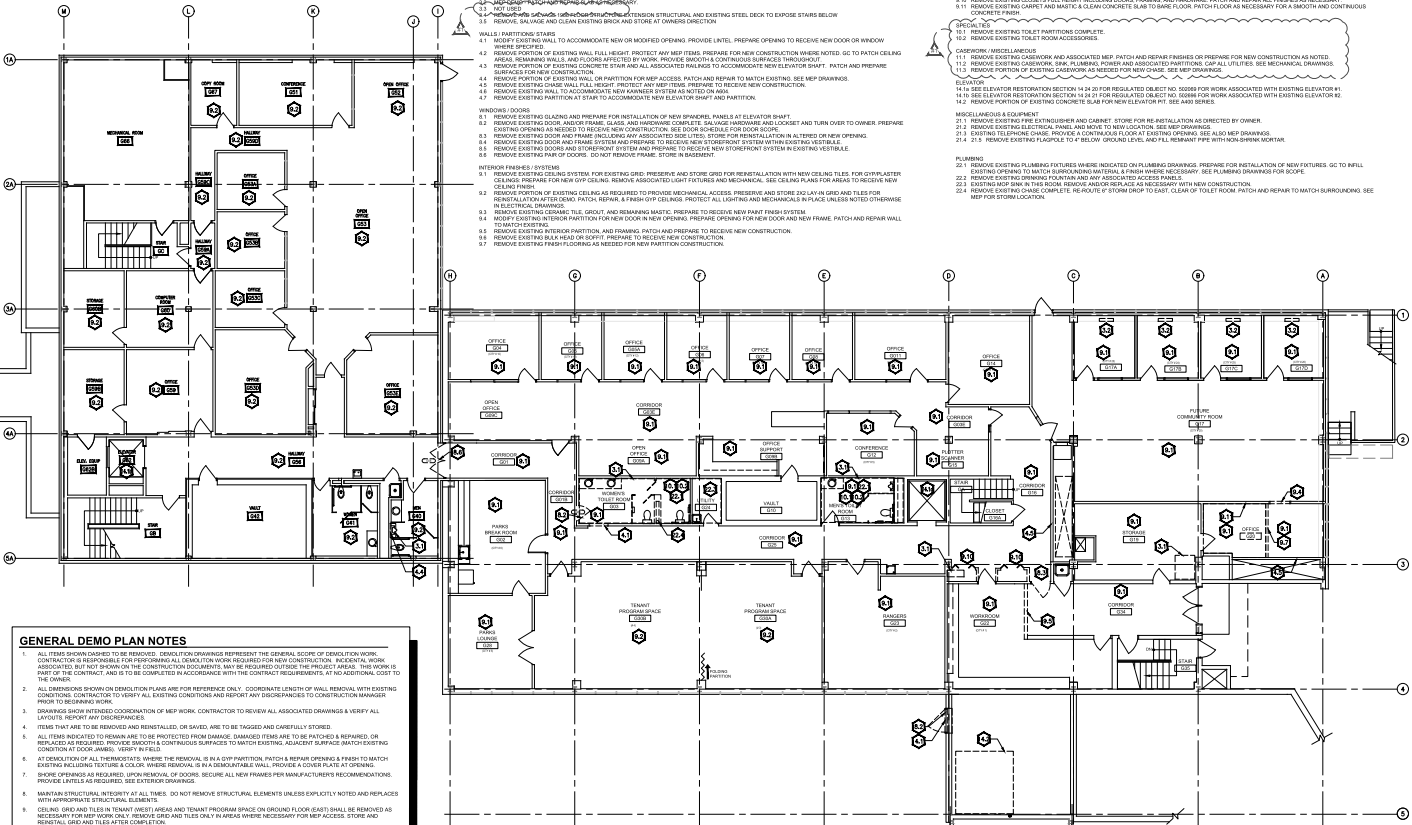
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06-09-2021

A202

DEMO PLAN KEY NOTES

- CONCRETE / FRESH / MASONRY**
- 3.1 REMOVE PORTION OF EXISTING CONCRETE SLAB FOR NEW FLOOR MODIFICATIONS. SEE MEP DRAWINGS FOR SCOPE OF DEMOLITION, PATCH AND REPAIR FLOORING TO PROVIDE A SMOOTH AND CONTINUOUS SURFACE. WHERE FRESH FLOORING IS INDICATED, PREPARE TO RECEIVE NEW FRESH FLOORING. SEE ADDITIONAL NOTES FOR FINISHES.
 - 3.2 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT FOR EXISTING STRUCTURAL AND EXISTING STEEL DECK TO EXPOSE STAIRS BELOW.
 - 3.3 REMOVE, SALVAGE AND CLEAN EXISTING BRICK AND STONE AT CORNER DIRECTLY.
 - 3.4 REMOVE EXISTING CONCRETE SLAB AND REINFORCEMENT FOR EXISTING STRUCTURAL AND EXISTING STEEL DECK TO EXPOSE STAIRS BELOW.
- DOOR / WINDOW**
- 4.1 REMOVE EXISTING DOOR AND FRAME SYSTEMS AND PREPARE TO RECEIVE NEW CONSTRUCTION. PREPARE OPENINGS FOR NEW DOOR OR WINDOW WHERE SPECIFIED.
 - 4.2 REMOVE PORTION OF EXISTING WALL, FULL HEIGHT, PROTECT ANY MEP FINISHES. PREPARE FOR NEW CONSTRUCTION. WHERE NOTED, SC TO PATCH CEILING AREAS. REPAIR WALLS AND FLOORS AFFECTED BY WORK. PROVIDE BROOM-FINISHED CONCRETE THROUGHOUT.
 - 4.3 REMOVE PORTION OF EXISTING CONCRETE FLOOR AND ALL ASSOCIATED FINISHES TO ACCOMMODATE NEW ELEVATOR SHAFT. PATCH AND PREPARE SURFACE FOR NEW FLOOR FINISH.
 - 4.4 REMOVE PORTION OF EXISTING WALL OR PARTITION FOR MEP ACCESS. PATCH AND REPAIR TO MATCH EXISTING. SEE MEP DRAWINGS.
 - 4.5 REMOVE EXISTING CHASE WALL FULL HEIGHT, PROTECT ANY MEP FINISHES. PREPARE TO ACCOMMODATE NEW CONSTRUCTION.
 - 4.6 REMOVE EXISTING WALL TO ACCOMMODATE NEW HANDRAIL SYSTEM AS NOTED ON AIA.
 - 4.7 REMOVE EXISTING PARTITION AT STAIR TO ACCOMMODATE NEW ELEVATOR SHAFT AND PARTITION.
- WALLS / PARTITIONS / STAIRS**
- 4.1 REMOVE EXISTING WALL TO ACCOMMODATE NEW OR MODIFIED OPENING. REMOVE LEVEL. PREPARE OPENING TO RECEIVE NEW DOOR OR WINDOW WHERE SPECIFIED.
 - 4.2 REMOVE PORTION OF EXISTING WALL, FULL HEIGHT, PROTECT ANY MEP FINISHES. PREPARE FOR NEW CONSTRUCTION. WHERE NOTED, SC TO PATCH CEILING AREAS. REPAIR WALLS AND FLOORS AFFECTED BY WORK. PROVIDE BROOM-FINISHED CONCRETE THROUGHOUT.
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 - 4.5 REMOVE EXISTING CHASE WALL FULL HEIGHT, PROTECT ANY MEP FINISHES. PREPARE TO ACCOMMODATE NEW CONSTRUCTION.
 - 4.6 REMOVE EXISTING WALL TO ACCOMMODATE NEW HANDRAIL SYSTEM AS NOTED ON AIA.
 - 4.7 REMOVE EXISTING PARTITION AT STAIR TO ACCOMMODATE NEW ELEVATOR SHAFT AND PARTITION.
- WINDOWS / DOORS**
- 5.1 REMOVE EXISTING GLAZING AND PREPARE FOR INSTALLATION OF NEW SPANDREL PANELS AT ELEVATOR SHAFT.
 - 5.2 REMOVE EXISTING DOOR AND FRAME, GLASS AND HARDWARE COMPLETE. SALVAGE HARDWARE AND LOCKSET AND TURN OVER TO OWNER. PREPARE OPENING AS NEEDED TO RECEIVE NEW CONSTRUCTION. SEE DOOR SCHEDULE FOR DOOR SCHEDULE. PATCH AND REPAIR TO MATCH EXISTING.
 - 5.3 REMOVE EXISTING DOOR AND FRAME SYSTEMS AND PREPARE TO RECEIVE NEW CONSTRUCTION. PREPARE OPENINGS FOR NEW DOOR OR WINDOW WHERE SPECIFIED.
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 - 5.5 REMOVE EXISTING DOOR AND FRAME SYSTEMS AND PREPARE TO RECEIVE NEW CONSTRUCTION. PREPARE OPENINGS FOR NEW DOOR OR WINDOW WHERE SPECIFIED.
 - 5.6 REMOVE EXISTING PAIR OF DOORS. DO NOT REMOVE FRAME. STORE IN BASEMENT.
- INTERIOR FINISHES / SYSTEMS**
- 6.1 REMOVE EXISTING CEILING SYSTEM FOR EXISTING GRID. PRESERVE AND STORE GRID FOR REUTILIZATION WITH NEW CEILING PANELS. FOR OTHER, AFTER CEILING PANELS, PREPARE FOR NEW GRID CEILING. REMOVE ASSOCIATED LIGHT FIXTURES AND MECHANICALS. SEE CEILING PLANS AND AREAS FOR EXISTING NEW CEILING PANELS.
 - 6.2 REMOVE EXISTING CEILING SYSTEM FOR EXISTING GRID. PRESERVE AND STORE GRID FOR REUTILIZATION WITH NEW CEILING PANELS. FOR OTHER, AFTER CEILING PANELS, PREPARE FOR NEW GRID CEILING. REMOVE ASSOCIATED LIGHT FIXTURES AND MECHANICALS. SEE CEILING PLANS AND AREAS FOR EXISTING NEW CEILING PANELS.
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 - 6.7 REMOVE EXISTING CEILING SYSTEM FOR EXISTING GRID. PRESERVE AND STORE GRID FOR REUTILIZATION WITH NEW CEILING PANELS. FOR OTHER, AFTER CEILING PANELS, PREPARE FOR NEW GRID CEILING. REMOVE ASSOCIATED LIGHT FIXTURES AND MECHANICALS. SEE CEILING PLANS AND AREAS FOR EXISTING NEW CEILING PANELS.
 - 6.8 REMOVE EXISTING CEILING SYSTEM FOR EXISTING GRID. PRESERVE AND STORE GRID FOR REUTILIZATION WITH NEW CEILING PANELS. FOR OTHER, AFTER CEILING PANELS, PREPARE FOR NEW GRID CEILING. REMOVE ASSOCIATED LIGHT FIXTURES AND MECHANICALS. SEE CEILING PLANS AND AREAS FOR EXISTING NEW CEILING PANELS.
 - 6.9 REMOVE EXISTING CEILING SYSTEM FOR EXISTING GRID. PRESERVE AND STORE GRID FOR REUTILIZATION WITH NEW CEILING PANELS. FOR OTHER, AFTER CEILING PANELS, PREPARE FOR NEW GRID CEILING. REMOVE ASSOCIATED LIGHT FIXTURES AND MECHANICALS. SEE CEILING PLANS AND AREAS FOR EXISTING NEW CEILING PANELS.
 - 6.10 REMOVE EXISTING CEILING SYSTEM FOR EXISTING GRID. PRESERVE AND STORE GRID FOR REUTILIZATION WITH NEW CEILING PANELS. FOR OTHER, AFTER CEILING PANELS, PREPARE FOR NEW GRID CEILING. REMOVE ASSOCIATED LIGHT FIXTURES AND MECHANICALS. SEE CEILING PLANS AND AREAS FOR EXISTING NEW CEILING PANELS.

- 8.8 REMOVE EXISTING FRESH-BASE IN THIS SPACE. PATCH AND PREPARE SURFACE TO RECEIVE NEW FINISH BASE.
 - 8.9 REMOVE EXISTING FRESH-FLOORING PATCH FLOOR WITH EXISTING CONCRETE WHERE NECESSARY. SEE FLOOR FINISH PLANS FOR AREA TO RECEIVE NEW FLOOR FINISH.
 - 8.10 REMOVE EXISTING CLOSETS FULL HEIGHT INCLUDING DOORS, FRAMING, AND HARDWARE. PATCH AND REPAIR ALL FINISHES AS NECESSARY.
 - 8.11 REMOVE EXISTING CABINET AND MESH-CROWN CONCRETE SLAB TO MATCH FLOOR PATCH AND REPAIR AS NECESSARY FOR A SMOOTH AND CONTINUOUS CONCRETE FINISH.
- CEILING / FRESH**
- 10.1 REMOVE EXISTING TOILET PARTITIONS COMPLETE.
 - 10.2 REMOVE EXISTING TOILET ROOM ACCESSORIES.
- MECHANICAL**
- 11.1 REMOVE EXISTING CASEWORK AND ASSOCIATED MEP. PATCH AND REPAIR FINISHES OR PREPARE FOR NEW CONSTRUCTION AS NOTED.
 - 11.2 REMOVE EXISTING CASEWORK, SINK, PLUMBING, POWER AND ASSOCIATED PARTITIONS. CAP ALL UTILITIES. SEE MECHANICAL DRAWINGS.
 - 11.3 REMOVE PORTION OF EXISTING CASEWORK AS NEEDED FOR NEW CASEWORK. SEE MEP DRAWINGS.
- ELEVATOR**
- 12.1 REMOVE EXISTING ELEVATOR SECTION 12.1.2 FOR REGULATED OBJECT NO. 00588 FOR WORK ASSOCIATED WITH EXISTING ELEVATOR #1.
 - 12.2 REMOVE EXISTING ELEVATOR SECTION 12.1.2 FOR REGULATED OBJECT NO. 00588 FOR WORK ASSOCIATED WITH EXISTING ELEVATOR #2.
 - 12.3 REMOVE PORTION OF EXISTING CONCRETE SLAB FOR NEW CONSTRUCTION.
- MISCELLANEOUS / EQUIPMENT**
- 20.1 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET SYSTEM FOR RE-INSTALLATION AS DIRECTED BY OWNER.
 - 20.2 REMOVE EXISTING ELECTRICAL PANEL AND MOVE TO NEW LOCATION. SEE MEP DRAWINGS.
 - 20.3 EXISTING TOILET ROOM. PROVIDE A CONTROL OR BLOCK OF EXISTING DRAWING. SEE ALSO MEP DRAWINGS.
 - 20.4 REMOVE EXISTING FLOOR TO 4' BELOW GROUND LEVEL AND ALL REMAINING PIPE WITH NON-SHOWN IDENTICAL.
 - 20.5 REMOVE EXISTING FLOOR TO 4' BELOW GROUND LEVEL AND ALL REMAINING PIPE WITH NON-SHOWN IDENTICAL.
- PLUMBING**
- 21.1 REMOVE EXISTING PLUMBING FIXTURES WHERE INDICATED ON PLUMBING DRAWINGS. PREPARE FOR INSTALLATION OF NEW FIXTURES. GO TO RELL EXISTING OPENING TO MATCH SURROUNDING MATERIAL, A FINISH WHERE NECESSARY. SEE PLUMBING DRAWINGS FOR SCOPE.
 - 21.2 REMOVE EXISTING PLUMBING FIXTURES AND ANY ASSOCIATED ACCESS PANELS.
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 - 21.4 REMOVE EXISTING PLUMBING FIXTURES AND ANY ASSOCIATED ACCESS PANELS.
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GENERAL DEMO PLAN NOTES

- ALL ITEMS SHOWN DAMAGED TO BE REMOVED. DEMOLITION DRAWINGS REPRESENT THE GENERAL SCOPE OF DEMOLITION WORK. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL DEMOLITION WORK REQUIRED FOR NEW CONSTRUCTION. INCIDENTAL WORK ACCOMPANIED BUT NOT SHOWN ON THE DEMOLITION DRAWINGS MAY BE REQUIRED OUTSIDE THE PROJECT AREA. THIS WORK IS SHOWN ON THE CONTRACT AND IS TO BE COMPLETED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. AT NO ADDITIONAL COST TO THE OWNER.
- ALL DIMENSIONS SHOWN ON DEMOLITION PLANS ARE FOR REFERENCE ONLY. COORDINATE LENGTHS ON WALL REMOVAL WITH EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO CONSTRUCTION MANAGER PRIOR TO BEGINNING WORK.
- CHANGES SHOW INTERFERED COORDINATION OF KEY WORK. CONTRACTOR TO REVIEW ALL ASSOCIATED DRAWINGS & VERIFY ALL LAYOUTS REPORT ANY DISCREPANCIES.
- ITEMS THAT ARE TO BE REMOVED AND REINSTALLED, OR SAVED, ARE TO BE TAGGED AND CAREFULLY STORED.
- ALL ITEMS INDICATED TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DAMAGED ITEMS ARE TO BE PATCHED & REPAIRED, OR REFINISHED AS REQUIRED. PROVIDE SMOOTH & CONTINUOUS SURFACES TO MATCH EXISTING. ADJACENT SURFACE MATCH EXISTING CONDITION AT DOOR JAMBS. VERIFY IN FIELD.
- AT DEMOLITION OF ALL FINISHES, WHERE THE REMOVAL IS IN A DOOR PARTITION, PATCH & REPAIR OPENING & FINISH TO MATCH EXISTING INCLUDING TEXTURE & COLOR, WHERE REMOVAL IS IN A DEMONSTRABLE WALL, PROVIDE A COVER PLATE AT OPENING.
- WORK OPENINGS AS REQUIRED, UPON REMOVAL OF ROOMS, SECURE ALL NEW FINISHES PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE LEVELS AS REQUIRED. SEE EXTERIOR DRAWINGS.
- MAINTAIN STRUCTURAL INTEGRITY AT ALL TIMES. DO NOT REMOVE STRUCTURAL ELEMENTS UNLESS EXPLICITLY NOTED AND REPLACES WITH APPROPRIATE STRUCTURAL ELEMENTS.
- CEILING GRID AND TILES, TENANT FURNITURE AND TENANT PROGRAMMING ON GROUND FLOOR LEVEL SHALL BE REMOVED AS NECESSARY FOR MEP WORK ONLY. REMOVE GRID AND TILES ONLY IN AREAS WHERE NECESSARY FOR MEP ACCESS, STORE AND REINSTALL GRID AND TILES AFTER COMPLETION.
- REMOVE ALL EXISTING WALL-MOUNTED STORAGE AND REPAIR ALL SURFACES TO MATCH EXISTING.

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A202
GROUND FLOOR DEMO PLAN
SCALE: 1/8" = 1'-0"





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NOTE: ALL DIMENSIONS GIVEN
SHALL BE CONSIDERED TO BE
TYPICAL OR VERIFY IN FIELD

ADDENDUM #1 8-19-21

ICA NO: COM 20-002

FIRST FLOOR
DEMO PLAN

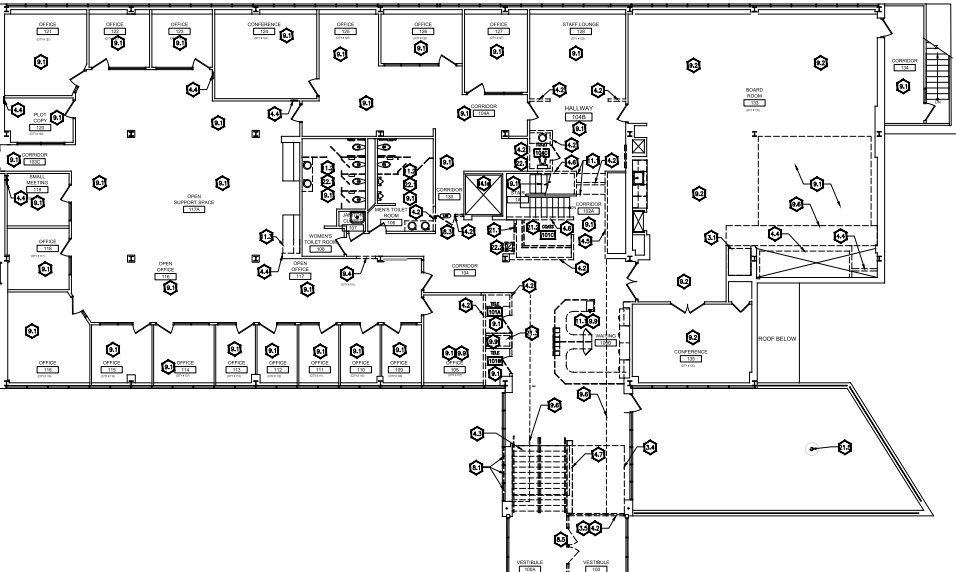
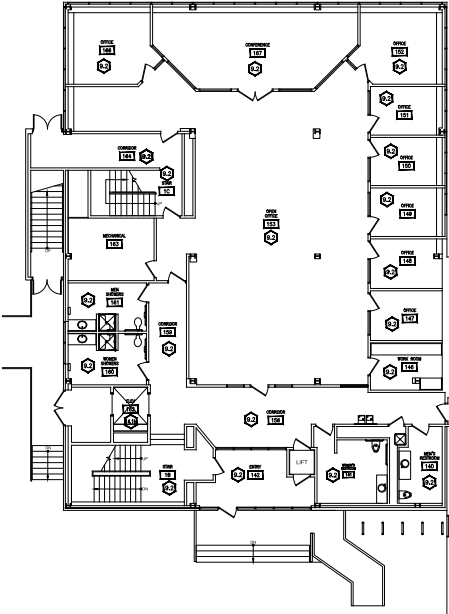
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DEMO PLAN KEY NOTES

1. REMOVE EXISTING FINISH FLOORING TO PROVIDE A SMOOTH AND CONTINUOUS SURFACE. WHERE FINISH FLOORING IS INDICATED, PREPARE TO RECEIVE NEW FINISH FLOORING. SEE NEW FINISH FLOORING DRAWINGS.
2. REMOVE EXISTING FINISH FLOORING TO PROVIDE A SMOOTH AND CONTINUOUS SURFACE. WHERE FINISH FLOORING IS INDICATED, PREPARE TO RECEIVE NEW FINISH FLOORING. SEE NEW FINISH FLOORING DRAWINGS.
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- ### GENERAL DEMO PLAN NOTES
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 2. ALL DIMENSIONS SHOWN ON DEMOLITION PLANS ARE FOR REFERENCE ONLY. COORDINATE LENGTHS OF WALL, REMOVAL WITH EXISTING CONDITIONS. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO CONSTRUCTION MANAGER PRIOR TO BEGINNING WORK.
 3. DRAWINGS SHOW INTENDED COORDINATION OF NEW WORK. CONTRACTOR TO REVIEW ALL ASSOCIATED DRAWINGS & VERIFY ALL LAYOUTS, HEIGHTS AND DISCREPANCIES.
 4. ITEMS THAT ARE TO BE REMOVED AND RE-INSTALLED, OR SAVED ARE TO BE TAGGED AND CAREFULLY STORED.
 5. ALL ITEMS REQUESTED TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DAMAGED ITEMS ARE TO BE REPAIRED, OR REPLACED AS REQUIRED. PROVIDE SMOOTH & CONTINUOUS SURFACES TO MATCH EXISTING, ADJACENT SURFACE (MATCH EXISTING CONDITION AT CORNER, LABEL, VERIFY IN FIELD).
 6. AT DEMOLITION OF ALL THICKPARTS WHERE THE REMOVAL IS IN A JOINT PARTITION, PATCH & REPAIR OPENING & FINISH TO MATCH EXISTING INCLUDING TEXTURE & COLOR. WHERE REMOVAL IS IN A DRAGTABLE WALL, PROVIDE A COVER SLAT AT OPENING. SMOKE OPENING AS REQUIRED. SEE EXISTING DRAWINGS.
 7. MAINTAIN STRUCTURAL INTEGRITY AT ALL TIMES. DO NOT REMOVE STRUCTURAL ELEMENTS UNLESS EXPLICITLY NOTED AND REPLACES WITH APPROPRIATE STRUCTURAL ELEMENTS.
 8. CEILING GRID AND TILES IN TENANT PROGRAM SPACE ON GROUND FLOOR EAST SHALL BE REMOVED AS NECESSARY FOR NEW WORK ONLY. REMOVE GRID AND TILES ONLY IN AREAS WHERE NECESSARY FOR NEW ACCESS, STORE AND RE-INSTALL GRID AND TILES AFTER COMPLETION.
 9. REMOVE ALL EXISTING WALL UNWANTED DEMO AND REPAIR ALL SURFACES TO MATCH EXISTING.

1 FIRST FLOOR DEMO PLAN
SCALE: 1/4" = 1'-0"



NOTE: ALL DIMENSIONS GIVEN
SHALL BE CONSIDERED TO BE
TYPICAL OR VERIFY IN FIELD

ADDENDUM #1 8-19-21

ICA NO: COM 20-002

FIRST FLOOR
DEMO PLAN

ISSUED FOR BID
06-09-2021

A203



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OLIN PARK FACILITY IMPROVEMENTS
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CONTRACT # 9050

NOTE: ALL DIMENSIONS GIVEN
SHALL BE CONSIDERED TO BE
"AS SHOWN" UNLESS NOTED OTHERWISE.

ADDENDUM #1 8-19-21

ICA NO. COM 20-002

GROUND
FLOOR PLAN
ISSUED FOR BID
06-09-2021
A302

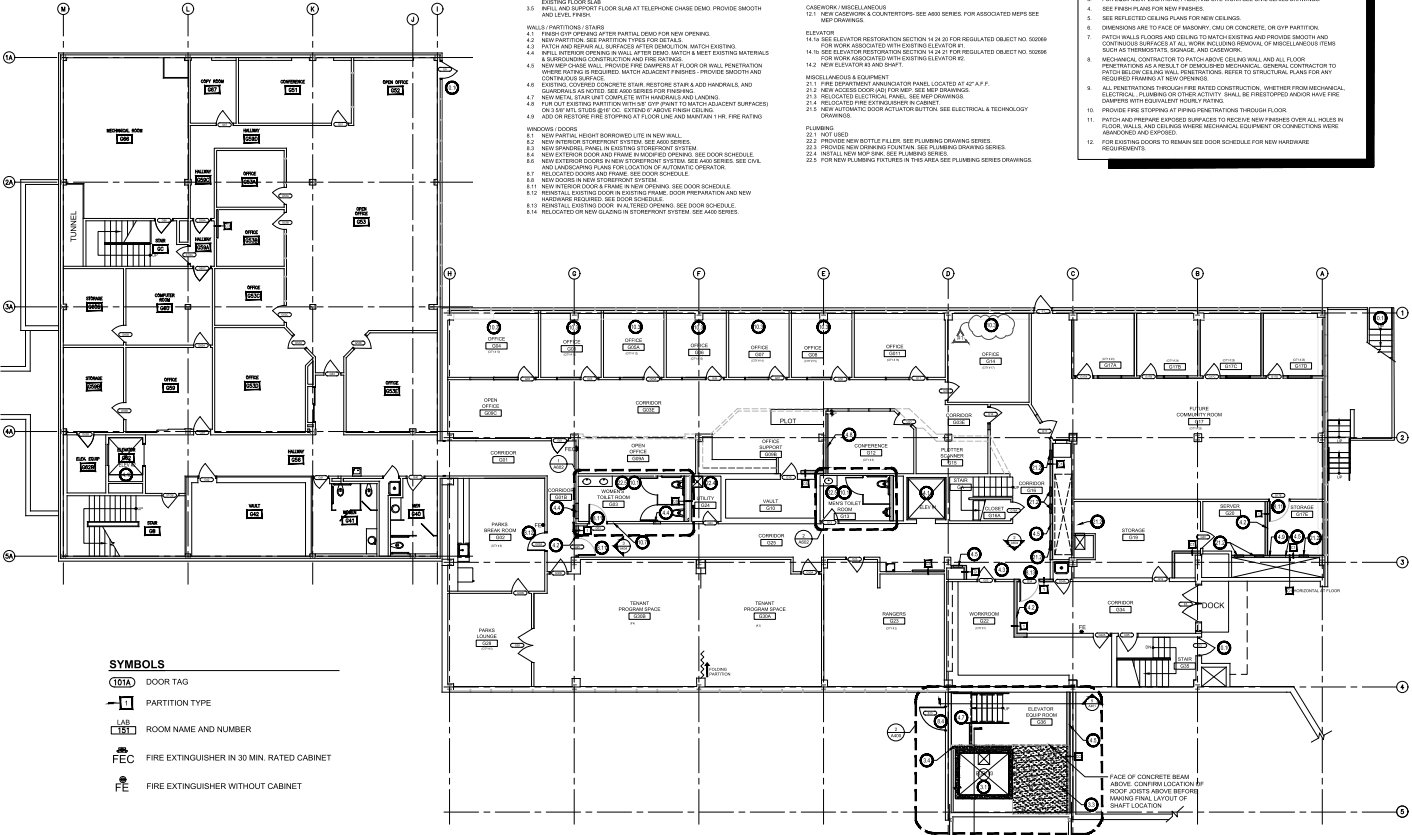
SPECIFIC PLAN NOTES

- CONCRETE FINISHES**
- 1.1 NEW ELEVATOR PIT AND EQUIPMENT
 - 1.2 REPAIR TO LEVEL FLOOR AS REQUIRED AFTER DEMOLITION FOR MEP.
 - 1.3 CONTACT EXISTING FINISHING AREA OF UNCALCULATED FILL AND POUR NEW 2" SLAB
 - 1.4 NEW WALL AND CONCRETE SLAB TO FALL 1/8" BETWEEN NEW SHIRT AND
 - 1.5 EXISTING FLOOR SLAB
 - 1.6 REINFORCING FLOOR SLAB AT TELEPHONE CHASE DEMO PROVIDE SMOOTH AND LEVEL FINISH
- WALLS, PARTITIONS, STAIRS**
- 4.1 PARTITION FINISH AFTER PARTIAL DEMO FOR NEW OPENING
 - 4.2 NEW PARTITION. SEE PARTITION TYPES FOR DETAILS
 - 4.3 PATCH AND REFINISH ALL SURFACES AFTER DEMOLITION WITH EXISTING
 - 4.4 REPAIR INTERIOR OPENING IN WALL AFTER DEMO. MATCH & MEET EXISTING MATERIALS
 - 4.5 REFINISHING CONSTRUCTION AND FINISH CONTRACTOR TO PROVIDE FINISHES
 - 4.6 NEW MEP PENETRATION. PROVIDE FIRE STOPPING AT FLOOR OR WALL PENETRATION
 - 4.7 NEW MEP PENETRATION. PROVIDE FIRE STOPPING AT FLOOR OR WALL PENETRATION
 - 4.8 EXISTING COVERED CONCRETE FLOOR. RESTORE EXISTING AND ADD MATERIALS AND
 - 4.9 GENERAL FINISHES. SEE ACCESSORIES FOR FINISHES
 - 4.10 NEW MEPS. REPAIR OR COMPLETE WITH FINISHES AND FINISHES
 - 4.11 FURF OUT EXISTING PARTITION WITH SP-011 PAINT TO MATCH ADJACENT SURFACES
 - 4.12 ON 1/8" FILL FLOOR. SEE GC. EXISTING ABOVE FRESH CEILING
 - 4.13 ADD OR RESTORE FIRE STOPPING AT FLOOR LINE AND MAINTAIN 1 HR. FIRE RATING
- WINDOWS / DOORS**
- 6.1 NEW PARTIAL HEIGHT BARRICADE/LITE IN NEW WALL
 - 6.2 NEW PARTIAL HEIGHT BARRICADE/LITE IN EXISTING WALL
 - 6.3 NEW PARTIAL HEIGHT BARRICADE/LITE IN EXISTING STAIRWAY SYSTEM
 - 6.4 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.5 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.6 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.7 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.8 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.9 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.10 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.11 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.12 NEW EXTERIOR DOOR AND FRAME AS NOTED ON SCHEDULE. SEE DOOR SCHEDULE
 - 6.13 REPAIR/REPLACE EXISTING DOOR AND FRAME. DOOR PREPARATION AND NEW
 - 6.14 HARDWARE REQUIRED. SEE DOOR SCHEDULE
 - 6.15 REPAIR/REPLACE EXISTING DOOR AND FRAME. DOOR PREPARATION AND NEW
 - 6.16 HARDWARE REQUIRED. SEE DOOR SCHEDULE
 - 6.17 RELOCATED OR NEW GLAZING IN STOREFRONT SYSTEM. SEE A&E SERIES

- SPECIALTIES**
- 10.1 NEW TIE-BEET PARTITIONS. SEE A&E SERIES
 - 10.2 NEW PASS THROUGH WINDOW SYSTEM WITH LOCKING
 - 10.3 NEW HORIZONTAL BLINDS
- CABINETRY / MISCELLANEOUS**
- 11.1 NEW COUNTERTOPS. SEE A&E SERIES FOR ASSOCIATED MEPS SEE MEPS DRAWINGS
- ELEVATORS**
- 14.1 NEW ELEVATOR RESTORATION SECTION H 24 20 FOR REGULATED OBJECT NO. 50088
 - 14.2 NEW ELEVATOR RESTORATION SECTION H 24 21 FOR REGULATED OBJECT NO. 50088
 - 14.3 NEW ELEVATOR RESTORATION SECTION H 24 21 FOR REGULATED OBJECT NO. 50088
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 - 14.100 NEW ELEVATOR RESTORATION SECTION H 24 21 FOR REGULATED OBJECT NO. 50088
- MISCELLANEOUS EQUIPMENT**
- 21.1 NEW EQUIPMENT. SEE A&E SERIES FOR DETAILS
 - 21.2 NEW ACCESS DOOR AND FRAME. SEE MEPS DRAWINGS
 - 21.3 RELOCATED ELECTRICAL PANEL. SEE MEPS DRAWINGS
 - 21.4 RELOCATED FIRE EXTINGUISHER IN CABINET. SEE ELECTRICAL & TECHNOLOGY DRAWINGS
 - 21.5 NEW AUTOMATIC DOOR ACTUATOR/BUTTON. SEE ELECTRICAL & TECHNOLOGY DRAWINGS
- PLUMBING**
- 22.1 PATCH OVER
 - 22.2 PROVIDE NEW BOTTLE FILLER. SEE PLUMBING DRAWING SERIES
 - 22.3 PROVIDE NEW BOTTLE FILLER. SEE PLUMBING DRAWING SERIES
 - 22.4 PATCH OVER
 - 22.5 PROVIDE NEW HOT WATER TANK. SEE PLUMBING DRAWING SERIES
 - 22.6 FOR NEW PLUMBING FIXTURES IN THIS AREA SEE PLUMBING DRAWING SERIES

GENERAL PLAN NOTES

- 1. NEW CONSTRUCTION IN BOLD
- 2. SEE ASSOCIATED DRAWINGS FOR MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND TECHNOLOGY
- 3. FOR EQUIPMENT LOCATIONS, PINGS, AND SITEWORKS SEE CIVIL SERIES DRAWINGS
- 4. SEE FINISH PLANS FOR NEW FINISHES
- 5. SEE REFLECTED FINISH PLAN FOR NEW FINISHES
- 6. DIMENSIONS ARE TO FACE OF MASONRY, CMU OR CONCRETE, OR GYP PARTITION
- 7. PATCH WALLS & JOISTS AND CEILING TO MATCH EXISTING AND PROVIDE SMOOTH AND CONTINUOUS SURFACES IN ALL WORK FOLLOWING REMOVAL OF MISCELLANEOUS ITEMS SUCH AS THERMOSTATS, SWITCHES AND LIGHTS
- 8. MECHANICAL CONTRACTOR TO PATCH ABOVE CEILING WALL AND ALL FLOOR PENETRATIONS AS WELL AS ALL MISCELLANEOUS MECHANICAL. GENERAL CONTRACTOR TO PATCH BELOW CEILING WALL PENETRATIONS. REFER TO STRUCTURAL PLANS FOR ANY REQUIRED REPAIRS TO NEW OPENINGS
- 9. ALL PENETRATIONS THROUGH FIRE RATED CONSTRUCTION, WHETHER FROM MECHANICAL, ELECTRICAL, PLUMBING OR OTHER ACTIVITY, SHALL BE FIRE STOPPED AND/OR HAVE FIRE DAMPERS WITH EQUIVALENT HOURLY RATING
- 10. PROVIDE FIRE STOPPING AT PENETRATIONS THROUGH FLOOR
- 11. PATCH AND PREPARE EXPOSED SURFACES TO RECEIVE NEW FINISHES OVER ALL HOLES IN FLOOR, WALLS AND CEILING WHERE MECHANICAL EQUIPMENT OR CONNECTIONS WERE REMOVED AND EXPOSED
- 12. FOR EXISTING DOORS TO REMAIN SEE DOOR SCHEDULE FOR NEW HARDWARE REQUIREMENTS



- SYMBOLS**
- DOOR TAG
 - PARTITION TYPE
 - ROOM NAME AND NUMBER
 - FIRE EXTINGUISHER IN 30 MIN. RATED CABINET
 - FIRE EXTINGUISHER WITHOUT CABINET

1
A302
GROUND FLOOR PLAN
SCALE: 1/8" = 1'-0"





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CONTRACT # 9050

NOTE: ALL DIMENSIONS GIVEN
SHALL BE CONSIDERED TO BE
"V.U.P." OR VERIFY IN FIELD

ADDENDUM #1 8-19-21

ICA NO. COM 20-002

FIRST
FLOOR PLAN

ISSUED FOR BID
06-09-2021

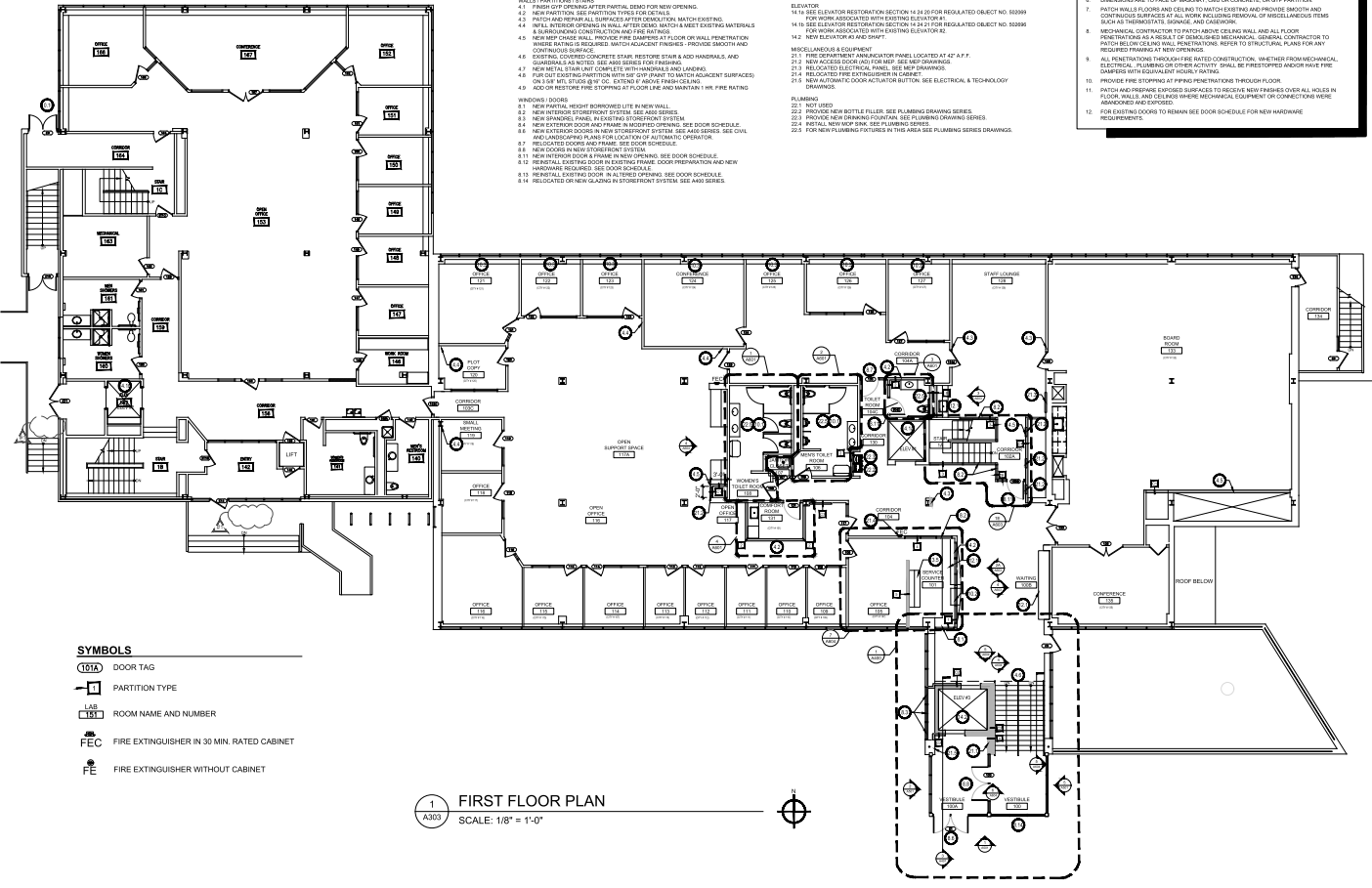
A303

GENERAL PLAN NOTES

1. NEW CONSTRUCTION IN BOLD
2. SEE ARCHITECT DRAWING FOR MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND TECHNOLOGY.
3. FOR EQUIPMENT LOCATIONS, HOLES, AND SITEWORK SEE CIVIL SERIES DRAWINGS.
4. SEE FINISH PLANS FOR NEW FINISHES.
5. SEE REFLECTED CEILING PLANS FOR NEW CEILING.
6. DIMENSIONS ARE TO FACE OF MASONRY, CONCRETE, OR GYP PARTITION.
7. PATCH HOLE FLOORS AND CEILING TO MATCH EXISTING AND PROVIDE SMOOTH AND CONTIGUOUS SURFACE AT ALL JOINTS INCLUDING PERIMETER OF MISCELLANEOUS ITEMS SUCH AS THERMOPLASTIC BURNER, AND CASEWORK.
8. MECHANICAL CONTRACTOR TO PATCH AND/OR CEILING WALL AND ALL FLOOR PENETRATIONS AS A RESULT OF DEMOLISHED MECHANICAL GENERAL CONTRACTOR TO PROVIDE NEW CEILING WALL AND CEILING FINISHES. REFER TO STRUCTURAL PLANS FOR ANY REQUIRED THROUGHOUT NOTATIONS.
9. ALL DEMOLITION THROUGH FIRE RATED CONSTRUCTION, WHETHER FROM MECHANICAL, ELECTRICAL, PLUMBING OR FOR MECHANICAL SHALL BE PREPARED IN ACCORD WITH FIRE DAMPERS WITH EQUIVALENT HOLES FINISHES.
10. PROVIDE FIRE STOPPING AT PENETRATIONS THROUGH FLOOR.
11. PATCH AND REPAIRS EXPOSED SUBSTRATE TO RECEIVE NEW FINISHES OVER ALL HOLES IN AWAYWORK AND EXPOSED.
12. FOR EXISTING DOORS TO REMAIN SEE DOOR SCHEDULE FOR NEW HARDWARE REQUIREMENTS.

SPECIFIC PLAN NOTES

- CONCRETE / PRECAST / MASONRY**
1. NEW ELEVATOR PIT AND EQUIPMENT
 2. PATCH UP EXISTING REMAINING AREA OF UNGRADE/LEVEL ALL AND POUR NEW F. SLAB
 3. NEW REINFORCING AND CONCRETE SLAB TO LIFT BETWEEN NEW STAIR AND EXISTING FLOOR SLAB
 - 3.1. WALL AND EXISTING FLOOR SLAB AT TELEPHONE CHASE DEMO. PROVIDE SMOOTH FINISHES TO FINISH.
- WALLS / PARTITIONS / STAIRS**
- 4.1. FINISH GYP PARTITION AFTER FINISH STAIRS FOR NEW OPENING.
 - 4.2. NEW PARTITION, SEE PARTITION TYPES FOR DETAILS.
 - 4.3. PATCH UP AND REPAIR ALL DAMAGED GYP PARTITION, MASONRY EXPOSURE.
 - 4.4. INFILL INTERIOR OPENINGS IN WALL AFTER DEMO, MATCH & MEET EXISTING MATERIALS & FINISHES INCLUDING CONSTRUCTION AND FIRE RATING.
 - 4.5. NEW MFP CHASE WALL, PROVIDE FIRE DAMPERS AT FLOOR OR WALL PENETRATION WHERE MFP IS REQUIRED. MATCH EXISTING FINISHES. PROVIDE SMOOTH AND CONTIGUOUS SURFACE.
 - 4.6. EXISTING COVERED CONCRETE STAIR, RESTORE STAIR & ADD HANDRAILS, AND CHAIRS/RAILS AS NOTED. SEE ARCH SERIES FOR FINISHES.
 - 4.7. NEW METAL STAIR UNIT COMPLETE WITH HANDRAILS AND LANDINGS.
 - 4.8. FOR GYP EXISTING FUNCTION WITH GYP STAIRS TO MATCH ADJACENT SURFACES:
ON OR M.F.P. TO GYP G.C. SEE FINISH SCHEDULE FOR FINISHES.
 - 4.9. ADD OR RESTORE FIRE STOPPING AT FLOORLINE AND MANTAIN 1 HR. FIRE RATING
- WINDOWS / DOORS**
- 5.1. NEW PARTIAL HEIGHT BORNUPON LITE IN NEW WALL.
 - 5.2. NEW PARTIAL STORMDOOR SYSTEM. SEE ARCH SERIES.
 - 5.3. NEW SPANDREL PANEL IN EXISTING STORMDOOR SYSTEM.
 - 5.4. NEW EXTERIOR DOOR AND FRAME IN EXISTING OPENING. SEE DOOR SCHEDULE.
 - 5.5. NEW EXTERIOR DOORS IN NEW CORNERFRONT SYSTEM. SEE ARCH SERIES. SEE CIVIL AND LANDSCAPE PLANS FOR LIGHT FIXTURE AND AUTOMATIC OPERATOR.
 - 5.6. RELOCATE EXISTING FRAME. SEE DOOR SCHEDULE.
 - 5.7. NEW DOORS IN NEW STAIRWELL SYSTEM. SEE DOOR SCHEDULE.
 - 5.8. NEW INTERIOR DOOR & FRAME IN NEW CORNER. SEE DOOR SCHEDULE.
 - 5.9. REINSTALL EXISTING DOOR IN EXISTING FRAME. DOOR PREPARATION AND NEW HARDWARE REQUIREMENTS. SEE DOOR SCHEDULE.
 - 5.10. REINSTALL EXISTING DOOR IN NEW STAIRWELL. SEE DOOR SCHEDULE.
 - 5.11. RELOCATED OR NEW GLAZING IN STORMDOOR SYSTEM. SEE ARCH SERIES.
- SPECIALTIES**
- 6.1. NEW GYP PARTITIONS. SEE ARCH SERIES.
 - 6.2. NEW PASS THROUGH BEARING WINDOW SYSTEM WITH LOCKING.
 - 6.3. NEW HORIZONTAL BLINDS.
- CASEWORK / MISCELLANEOUS**
- 7.1. NEW CASEWORK & COUNTERTOPS. SEE ARCH SERIES. FOR ASSOCIATED MEPS SEE MEPS DRAWINGS.
- ELEVATOR**
- 14.1. NEW ELEVATOR RESTORATION SECTION 14.24 FOR REGULATED OBJECT NO. 80889
 - 14.2. NEW ELEVATOR RESTORATION WITH FINISHES. SEE ARCH SERIES.
 - 14.16. SEE ELEVATOR RESTORATION SECTION 14.24 FOR REGULATED OBJECT NO. 80886 FOR FINISH ASSOCIATED WITH FINISH ELEVATOR.
 - 14.2. NEW ELEVATOR #3 AND SHaft.
- MECHANICAL / ELECTRICAL / EQUIPMENT**
- 21.1. FIRE DEPARTMENT ANNUNCIATOR PANEL LOCATED AT 42' A.F.F.
 - 21.2. NEW ACCESS DOOR FOR MFP. SEE MEPS DRAWINGS.
 - 21.3. RELOCATED ELECTRICAL PANEL. SEE MEPS DRAWINGS.
 - 21.4. RELOCATED FIRE CONTROL PANEL IN CABINET.
 - 21.5. NEW PHOTOVOLTAIC LOCK ACTUATION BUTTON. SEE ELECTRICAL & TECHNOLOGY DRAWINGS.
- PLUMBING**
- 22.1. NEW SINKS
 - 22.2. PROVIDE NEW BOTTLE FILLER. SEE PLUMBING DRAWING SERIES.
 - 22.3. PROVIDE NEW DRINKING FOUNTAIN. SEE PLUMBING DRAWING SERIES.
 - 22.4. PATCH. NEW KITCHEN SINK. SEE PLUMBING SERIES.
 - 22.5. FOR NEW PLUMBING FEATURES IN THIS AREA SEE PLUMBING SERIES DRAWINGS.





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CONTRACT # 9050

NOTE: ALL DIMENSIONS GIVEN
SHALL BE CONSIDERED TO BE
TO 1/8" OR VERIFY IN-FIELD

ADDENDUM #1 8-19-21

ICA NO. COM 20-002

**BASEMENT FINISH
PLANS**

ISSUED FOR BID
08-08-2021

A901

GENERAL FINISH PLAN NOTES

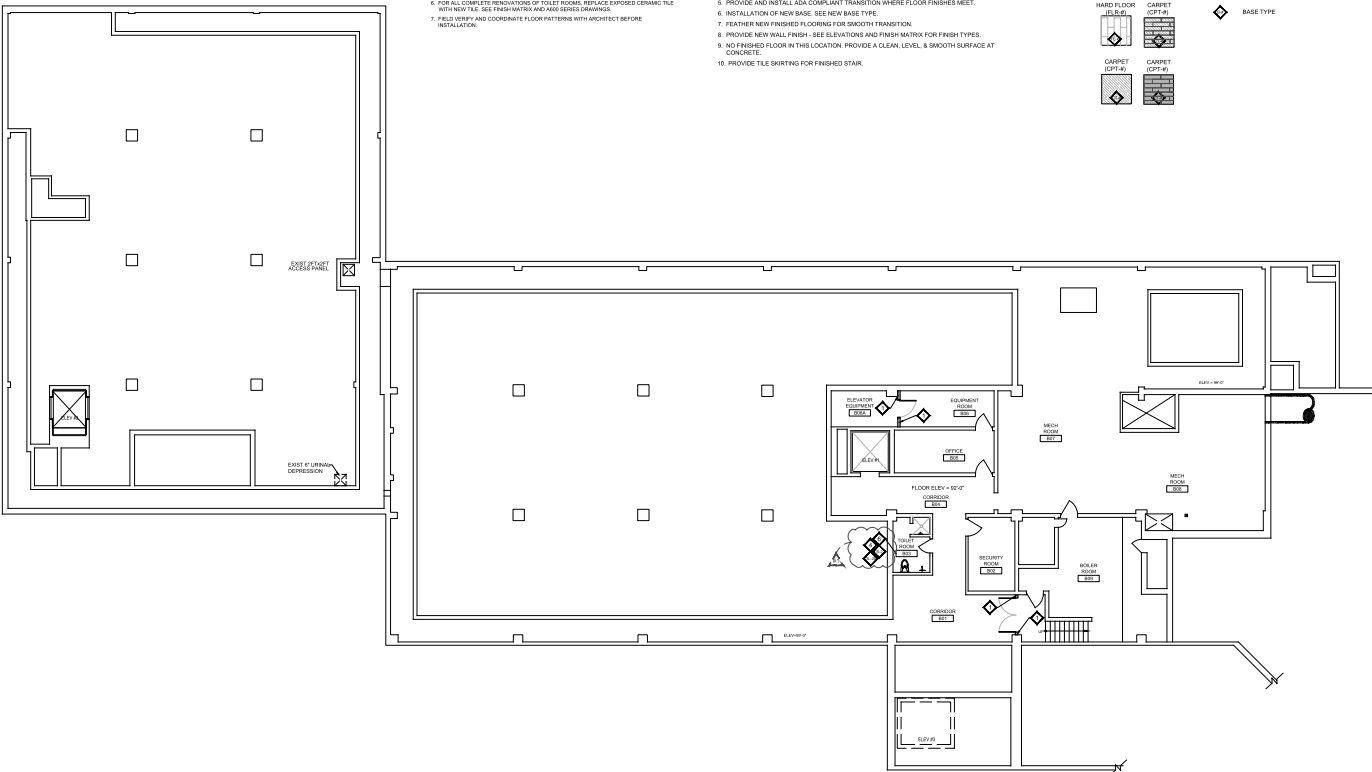
1. FOR FINISH MATRIX SEE DRAWING A904.
2. FOR CEILING FINISHES SEE REFLECTED CEILING PLANS SERIES A902.
3. ALL NEW PARTITIONS AND EXISTING GYP. PARTITIONS TO RECEIVE SURFACE REFINISHING SYSTEM AND PAINT.
4. MATCH TO MATCH EXISTING MATERIAL AT THE FOLLOWING AREAS: DEMOLITION OF MILLWORK, CABINETRY, INSTRUMENTAL EQUIPMENT, CASEWORK, MECHANICAL EQUIPMENT, PLUMBING, ELECTRICAL, DUCT WORK, BASE, REVISIONS, AND AREAS OF NEW CONSTRUCTION. FOR FINISHES PROVIDED, NOTE MECHANICAL DRAWINGS FOR MECHANICAL CONTRACTOR. PATCHES BY GC. SEE MECHANICAL DRAWINGS FOR ADDITIONAL DETAILS.
5. WHERE WALL BASE IS REMOVED FOR DEMOLITION, PROVIDE NEW BASE. MATCH EXISTING IN MATERIAL, SIZE, & COLOR UNLESS NOTED OTHERWISE.
6. FOR ALL COMPLETE REMOVALS OF FLOOR FINISHES, REPLACE EXPOSED CERAMIC TILE WITH NEW T.M.E. SEE FINISH MATRIX AND ADD-SERIES DRAWINGS.
7. FLOOR FINISHES AND COORDINATE FLOOR PATTERNS WITH ARCHITECT BEFORE INSTALLATION.

FINISH PLAN KEY NOTES

1. FINISH AND PAINT ENTIRETY OF GYP. AT NEW CONSTRUCTION. CORNER TO CORNER. PROVIDE A SMOOTH AND CONTINUOUS FINISH TO ADJACENT EXISTING FINISHES. MATCH ADJACENT COLOR & TEXTURE UNLESS NOTED OTHERWISE.
2. PATCH, REPAIR, & FINISH WALL AT DEMOLITION. MATCH SURROUNDING MATERIALS, COLOR, & TEXTURE UNLESS NOTED OTHERWISE.
3. PROTECT FINISHED FLOOR DURING DEMOLITION AND CONSTRUCTION & REPLACE ONLY AS NECESSARY. MATCH SURROUNDING & PROVIDE A SMOOTH AND CONTINUOUS FINISH. COORDINATE IN-FIELD.
4. INSTALL NEW FINISHED FLOOR. SEE FINISH MATRIX.
5. PROVIDE AND INSTALL ADA COMPLIANT TRANSITION WHERE FLOOR FINISHES MEET.
6. INSTALLATION OF NEW BASE. SEE NEW BASE TYPE.
7. FEATHER NEW FINISHED FLOORING FOR SMOOTH TRANSITION.
8. PROVIDE NEW WALL FINISH. SEE ELEVATIONS AND FINISH MATRIX FOR PATCH TYPES.
9. NO FINISHED FLOOR IN THIS LOCATION. PROVIDE A CLEAN, LEVEL, & SMOOTH SURFACE AT CONCRETE.
10. PROVIDE TILE SKirting FOR FINISHED STAIR.

FINISH PLAN LEGEND

FLOOR FINISHES		WALL FINISHES	



2 BASEMENT FLOOR FINISH PLAN
SCALE: 1/8" = 1'-0"

**Contract #9050 OLIN PARK FACILITY IMPROVEMENTS
Pre-Bid Building/Site Tour August 11, 2021**

Name	Company Representing	Email	Phone
Kenny Kluge	JF Ahern	KKluge@Jfahern.com	608.512.6616
Brett Pasport	UPTS	b.pasport@uports.com	608-226-8600
Mary Chapman	Creative Energy	mary Mchapman4@charter.net	608-469-1505
Craig Randall	Fox Arneson	Crandall@foxarneson.com	608-469-4078
Kevin Thimm	JP Cullen	Kevin.thimm@jpcullen.com	608-751-2715
Jim Knudtson	Hill Electric	JKnudtson@HillElectricinc.com	608-575-1209
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Ricky Hunt	HUNT AND COLLINS	HUNT.Ricky112@GMAIL.com	608-215-5375
DAVE BARTOLERO	LASER FIRE	DAVE@LASERFIREPRO@GMAIL.com	608-205-7219



Department of Public Works
Engineering Division
Robert F. Phillips, P.E., City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
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Phone: (608) 266-4751
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engineering@cityofmadison.com
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Deputy City Engineer
Gregory T. Fries, P.E.

Deputy Division Manager
Kathleen M. Cryan

Principal Engineer 2
John S. Fahrney, P.E.
Christopher J. Petykowski, P.E.
Janet Schmidt, P.E.

Principal Engineer 1
Christina M. Bachmann, P.E.
Mark D. Moder, P.E.
James M. Wolfe, P.E.

Facilities & Sustainability
Bryan Cooper, Principal Architect

**Land Information &
Official Map Manager**
Eric T. Pederson, P.S.

Financial Manager
Steven B. Danner-Rivers

September 3, 2021

**NOTICE OF ADDENDUM
ADDENDUM NO. 2
City of Madison, Engineering Division**

**CONTRACT NO. 9050
OLIN PARK FACILITY IMPROVEMENTS**

This addendum is issued to modify, explain or correct the original Drawings, Specifications, or Contract Documents marked as *Olin Park Facility Improvements, City of Madison, Contract #9050, as issued on July 16, 2021* and is hereby made a part of the contract documents.

Please attach these Addendum documents to the Drawings Volume 1 (Exhibit A), Drawings Volume 2 (Exhibit B), Specifications (Exhibit C), and Bid Proposal Specification document in your possession.

1. BID PROPOSAL

A. No revisions.

2. GENERAL CONTRACT CONDITIONS

A. No revisions.

3. GENERAL QUESTIONS AND ANSWERS

A. **Question 1:** LANDSCAPE – 4” plug is listed on drawings. Can 2 ½” plugs be used for plants in bio-swale?

Answer 1: The reference to 4” on the drawing is for the depth of the plug. The width of a plug is usually 2 1/8” – 2 1/2”.

B. **Question 2:** Could you please clarify this response to question 11 in Addendum 1? Is it possible that the main building fire alarm panel is a Silent Knight IntelliKnight panel, and the KAS-200 is a Sprinkler System Supervisory Board that is being monitored by the main Silent Knight Panel? Would it be possible to obtain the model number of the Silent Knight Panel? This may be the main FACP for the building.

Answer 2: The kiddie panel KAS-200 is the main fire alarm panel. There is no sprinkler system in the building so there is no reason the panel would be a sprinkler supervisory board. The silent knight model number is 5820XL.

4. ACCEPTABLE EQUIVALENTS

A. **Question 1:** It appears to be Performance Consulting specification for the Olin Park Building improvement project.
Is Schumacher approved for...

(a) Complete new elevator?

(b) Complete cab renovation?



(c) Fixtures & SCS buttons?

Answer 1(a): *Complete new elevator?* Yes, provided that the controller for the new elevator is manufactured by GAL

Answer 1(b): *Complete cab renovation?* Yes, provided that the construction is equivalent to specification requirements

Answer 1(c): *Fixtures & SCS buttons?* Yes, provided that the construction is equivalent to specification requirements

5. **SPECIFICATIONS**

A. Section 23 51 00: Add "Z-Vent" to the list of acceptable manufactures in paragraph 2.1.

6. **DRAWINGS**

Remove and replace the following Drawings:

A. Civil

- i. **Drawing C-001** - Civil Details
- ii. **Drawing C-100** - Demolition Plan
- iii. **Drawing C-200** - Civil Site Plan
- iv. **Drawing C-300** – Grading and Drainage Plan

Revision Description for all civil drawings:

- (a) East-west walk-in front of four parking stalls increased to 7' of width to account for vehicle overhang.
- (b) Two sets of bikes stalls were adjusted to add 2' of buffer space.
- (c) Lines and notes were added to show 2' overhangs adjacent to parking stalls.
- (d) Vision Triangles were added at the existing entrance off of E Lakeside Street.

B. Electrical

- i. **Drawing E700** – Electrical Schedules
 - (a) East-west walk-in front of four parking stalls increased to 7' of width to account for vehicle overhang.
- ii. **Drawing E701** – Electrical Schedules
 - (a) Remove and replace sheet E701 for added disconnect schedule which was previously on E700.

7. **OTHER**

A. Sept. 1st and 2nd Building Walk-Through Sign-In Sheets.

Please acknowledge this addendum in Section E on page E-1: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on Bid Express at <https://www.bidexpress.com/> and the City of Madison web site at <http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 to receive the material by another method.



For questions regarding this bid, please contact:

InSite Consulting Architects

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City of Madison

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City of Madison

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Email: mschuchardt@cityofmadison.com

Sincerely,

Robert F. Phillips

Robert F. Phillips, P.E., City Engineer



INSITE Consulting Architects
 115 E. Main Street 200
 Madison, Wisconsin 53703
 608-254-0225
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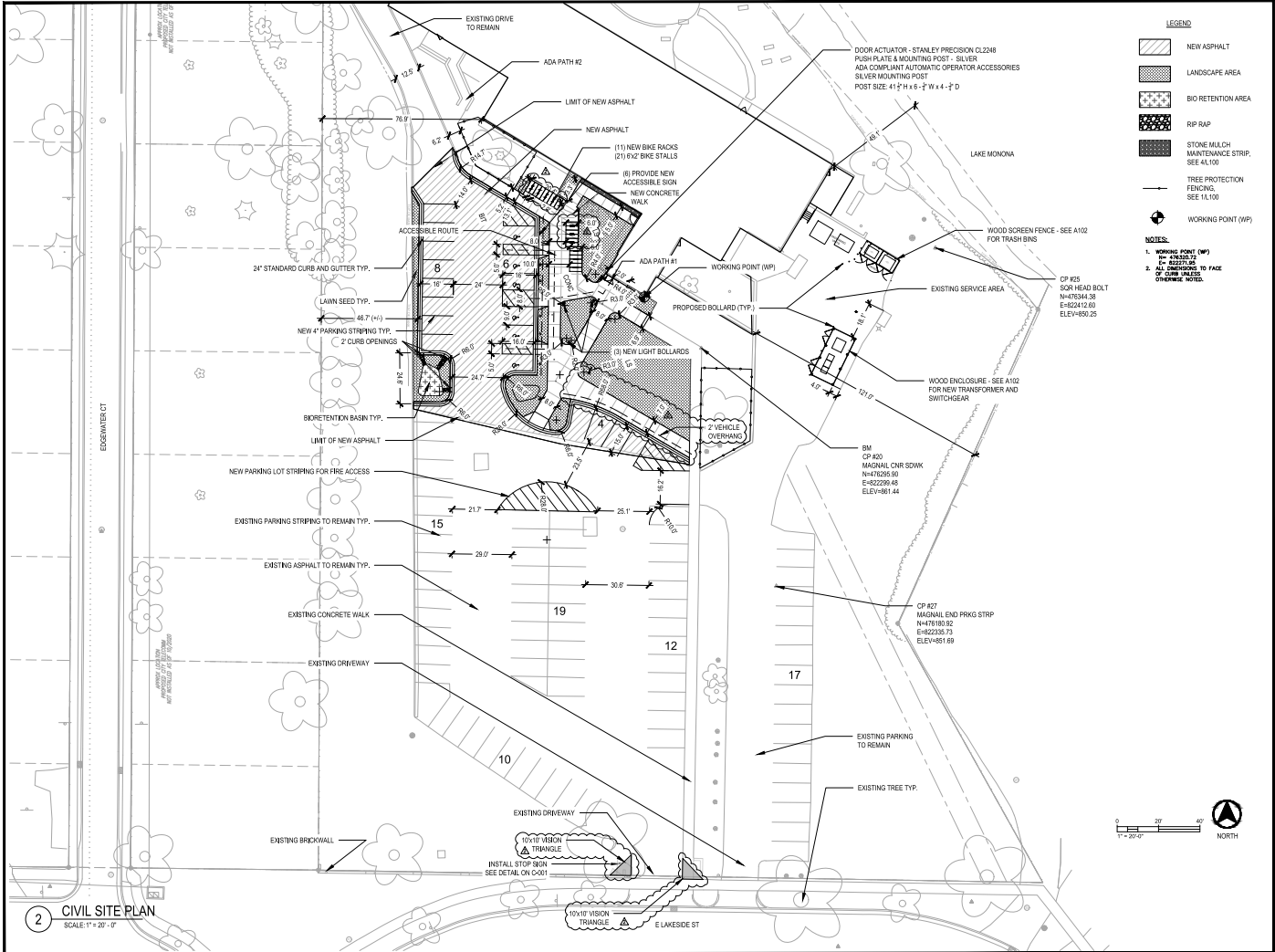


OLIN PARK FACILITY IMPROVEMENTS
 330 E LAKESIDE STREET
 MADISON, WISCONSIN 53715
 CONTRACT # 9050

NOTE: ALL DIMENSIONS GIVEN SHALL BE CONSIDERED TO BE "AS SHOWN" UNLESS OTHERWISE NOTED.
 06-03-2021 ADDENDUM #2

ICA NO. COM 20-002
 CIVIL SITE PLAN

C-200





INSITE Consulting Architects
115 E. Main Street 200
Madison, Wisconsin 53703
608-254-0225
608-227-1192 (fax)
info@insite.com



OLIN PARK FACILITY IMPROVEMENTS
330 E LAKESIDE STREET
MADISON, WISCONSIN 53715
CONTRACT # 9050

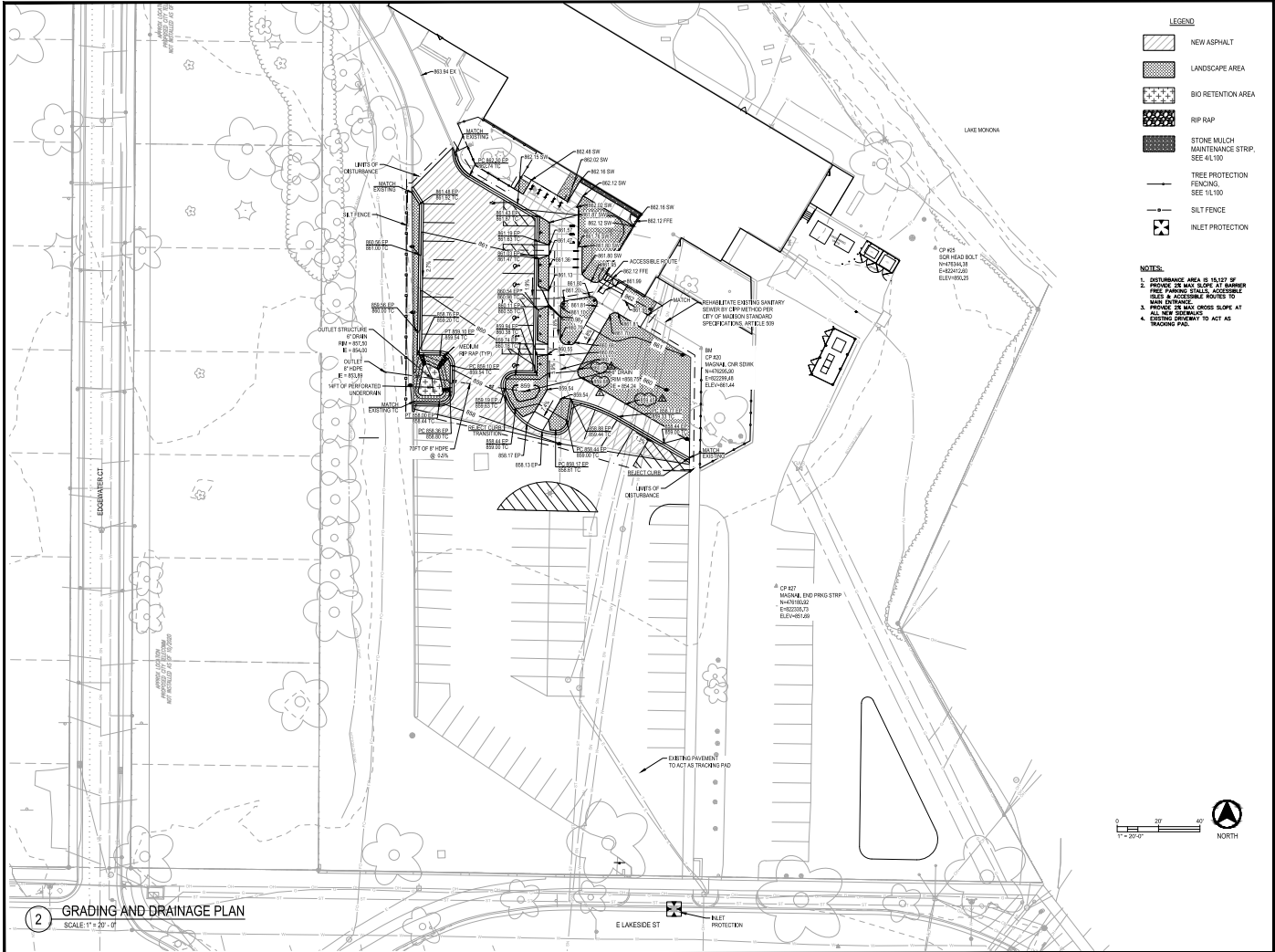
NOTE: ALL DIMENSIONS GIVEN SHALL BE CONSIDERED TO BE "AS SHOWN" OR VERIFY IN-FIELD

98-03-2021 ADDENDUM #2

ICA NO. COM 20-002

GRADING AND DRAINAGE PLAN

C-300





InSite Consulting Architects
115 E. Main, STE 200
Madison, Wisconsin 53703
608.254.0025
608.297.1162 (fax)
info@insite.com

OLIN PARK FACILITY IMPROVEMENTS
330 E LAKESIDE STREET
MADISON, WISCONSIN 53715

NOTE: ALL DIMENSIONS
GIVEN SHALL BE
UNLESS OTHERWISE
NOTED. VERIFY AS FIELD.

1. 09/03/2021, ADDENDUM 02

IC-A. COM 20-002

ELECTRICAL
SCHEDULES

ISSUE FOR BID
06-28-2021

E701



1000 BIRCHWAY, SUITE 200
MADISON, WISCONSIN 53704
TEL: 608.254.0025 FAX: 608.254.0026
WWW.MECHANICALGROUP.COM

LIGHTING SEQUENCE OF OPERATION

- NOTES:**
- LUMI DENOTES THE LIGHTING SEQUENCE OF OPERATIONS FOR THIS SPACE.
 - SWITCHES AND DIMMERS ARE CAPABLE OF PHASE COVER AND SWITCHING ON/OFF FOR MULTIPLE SCENES AS INDICATED ON SHEETS AND THE LIGHTING SEQUENCE OF OPERATIONS (LUMI). COORDINATE QUANTITIES OF BUTTONS FOR CONTROL STATIONS WITH LIGHTING CONTROL MANUFACTURER.
 - LUMI DENOTES LIGHTING CONTROL ZONE. PROVIDE SEPARATE CONTROL OF EACH CONTROLLED ZONE. LUMINAIRES INDICATED WITHIN THE SAME ZONE SHALL OPERATE TOGETHER WITHIN THE SAME PROGRAMMED SCENE.
 - SWITCHES AND DIMMERS ARE CAPABLE OF PHASE COVER AND SWITCHING ON/OFF FOR MULTIPLE SCENES AS INDICATED ON SHEETS AND THE LIGHTING SEQUENCE OF OPERATIONS (LUMI). COORDINATE QUANTITIES OF BUTTONS FOR CONTROL STATIONS WITH LIGHTING CONTROL MANUFACTURER.
 - VERIFY AND COORDINATE ALL TIME CLOCK SETTINGS WITH OWNER PRIOR TO FINAL PROGRAMMING.
 - VERIFY AND COORDINATE ALL PUSH BUTTON FUNCTIONS AND QUANTITIES OF PROGRAMMABLE BUTTONS WITH THE SCENES AND ZONES PER LOCATION.
 - VERIFY AND COORDINATE ALL PUSH BUTTON QUANTITIES AND SCENE NAMES WITH OWNER PRIOR TO SUBMITTING PROGRAMMING TEMPLATE TO MANUFACTURER.
- PLUMBING**
- (E-10) Sequence:** Two zones of dimmed luminaires are Occupancy controlled and Daylight controlled in this space. The lights turn on using a Dimmer or Occupancy Sensor. Night lights will remain on at all times. Adjust: The lighting levels of each zone are auto-adjusted via the wall controller. Each zone should have the ability to operate independently of all together. Daylight controller turns lights within 15' of window or when illuminance exceeds 25 lux when on. OFF: After the space has been vacant for 15 minutes, the lights will automatically turn off.
- (E-11) Sequence:** Dimmed lights are Occupancy controlled in this space. The lights turn on using a Dimmer or Occupancy Sensor. Night lights will remain on at all times. Adjust: The lighting levels of each zone are auto-adjusted via the wall controller. Each zone should have the ability to operate independently of all together. Daylight controller turns lights within 15' of window or when illuminance exceeds 25 lux when on. OFF: After the space has been vacant for 15 minutes, the lights will automatically turn off.
- (E-12) Sequence:** Two zones of dimmed luminaires are Occupancy controlled in this space. The lights turn on using a Dimmer or Occupancy Sensor. Night lights will remain on at all times. Adjust: The lighting levels of each zone are auto-adjusted via the wall controller. Each zone should have the ability to operate independently of all together. Daylight controller turns lights within 15' of window or when illuminance exceeds 25 lux when on. OFF: After the space has been vacant for 15 minutes, the lights will automatically turn off.
- (E-13) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-14) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-15) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-16) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-17) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-18) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-19) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-20) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-21) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-22) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-23) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-24) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.
- (E-25) Sequence:** Switched lights are controlled in this space. Night lights will remain on at all times. OFF: The normal lights turn off after the space has been vacant for 15 minutes.

PANEL LPB

ENCLOSURE: BOLT-ON
FED FROM: 208 V/3Ø @ 60-PSAF
LOCATION:

MAIN: 208 V
VOLTS: 100/50 V/3Ø
PHASE: 3
WIRE: 4
SCHEM: 10/00
RSC: 0/42 4A

NOTES:

K	OKT	NO	LOAD DESCRIPTION	DCDP	WIRE	SIZE	A	B	C	WIRE	SIZE	DCDP	LOAD DESCRIPTION	OKT	NO
1	EX	1	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	2	2
2	EX	2	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	4	4
3	EX	3	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	6	6
4	EX	4	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	8	8
5	EX	5	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	10	10
6	EX	6	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	12	12
7	EX	7	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	14	14
8	EX	8	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	16	16
9	EX	9	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	18	18
10	EX	10	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	20	20
11	EX	11	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	22	22
12	EX	12	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	24	24
13	EX	13	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	26	26
14	EX	14	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	28	28
15	EX	15	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	30	30
16	EX	16	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	32	32
17	EX	17	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	34	34
18	EX	18	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	36	36
19	EX	19	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	38	38
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21	EX	21	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	42	42
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39	EX	39	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	78	78
40	EX	40	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	80	80
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42	EX	42	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	84	84
43	EX	43	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	86	86
44	EX	44	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	88	88
45	EX	45	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	90	90
46	EX	46	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	92	92
47	EX	47	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	94	94
48	EX	48	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	96	96
49	EX	49	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	98	98
50	EX	50	EXISTING LOAD	20	A	12	0	0	0	12	12	1	20 A EXISTING LOAD	100	100

Total Load: 250 kVA 0.18 kVA 0.84 kVA
Total Amps: 4.38 0.41 2.01

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTAL*
Noncoincident	250 kVA	0.00%	0.0 kVA	TOTAL CONNECTED LOAD: 250 kVA
Noncoincident	0.72 kVA	100.00%	0.72 kVA	TOTAL ESTIMATED DEMAND: 0.72 kVA
				TOTAL CONNECTED AMPS: 100 A
				TOTAL ESTIMATED DEMAND: 1 A

*TOTAL DEMAND CAN BE SUBTRACTED FROM RESIDENTIAL LOAD AND THE SMALLER OF ANY NONCOINCIDENTAL DEMANDS WILL BE USED IN EACH PANEL.

CIRCUIT KEY NOTES: 1= HANDLE LOCK PAINTED RED

DISCONNECT AND STARTER SCHEDULE

NOTE: ALL DISCONNECTS (EXCEPT MANUAL STARTERS) SHALL BE HEAVY DUTY TYPE

DISCONNECT TYPE	ACCESSORIES & OPTIONS
1-1 PHASE	1-1 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-2 PHASE	1-2 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-3 PHASE	1-3 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-4 PHASE	1-4 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-5 PHASE	1-5 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-6 PHASE	1-6 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-7 PHASE	1-7 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-8 PHASE	1-8 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-9 PHASE	1-9 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-10 PHASE	1-10 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-11 PHASE	1-11 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-12 PHASE	1-12 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-13 PHASE	1-13 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-14 PHASE	1-14 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-15 PHASE	1-15 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-16 PHASE	1-16 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-17 PHASE	1-17 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-18 PHASE	1-18 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-19 PHASE	1-19 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-20 PHASE	1-20 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-21 PHASE	1-21 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-22 PHASE	1-22 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-23 PHASE	1-23 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-24 PHASE	1-24 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-25 PHASE	1-25 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-26 PHASE	1-26 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-27 PHASE	1-27 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-28 PHASE	1-28 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-29 PHASE	1-29 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-30 PHASE	1-30 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-31 PHASE	1-31 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-32 PHASE	1-32 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-33 PHASE	1-33 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-34 PHASE	1-34 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-35 PHASE	1-35 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-36 PHASE	1-36 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-37 PHASE	1-37 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
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1-48 PHASE	1-48 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-49 PHASE	1-49 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-50 PHASE	1-50 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-51 PHASE	1-51 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-52 PHASE	1-52 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-53 PHASE	1-53 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-54 PHASE	1-54 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-55 PHASE	1-55 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-56 PHASE	1-56 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-57 PHASE	1-57 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-58 PHASE	1-58 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-59 PHASE	1-59 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-60 PHASE	1-60 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-61 PHASE	1-61 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-62 PHASE	1-62 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
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1-67 PHASE	1-67 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-68 PHASE	1-68 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-69 PHASE	1-69 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-70 PHASE	1-70 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-71 PHASE	1-71 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-72 PHASE	1-72 TRANSFORMER OVERCURRENT PROTECTION (T) OR GREATER, 3 PHASE
1-73 PH	

SECTION E: BIDDERS ACKNOWLEDGEMENT

CONTRACT TITLE OLIN PARK FACILITY IMPROVEMENTS

CONTRACT NO. 9050

Bidder must state a Unit Price and Total Bid for each item. The Total Bid for each item must be the product of quantity, by Unit Price. The Grand Total must be the sum of the Total Bids for the various items. In case of multiplication errors or addition errors, the Grand Total with corrected multiplication and/or addition shall determine the Grand Total bid for each contract. The Unit Price and Total Bid must be entered numerically in the spaces provided. All words and numbers shall be written in ink.

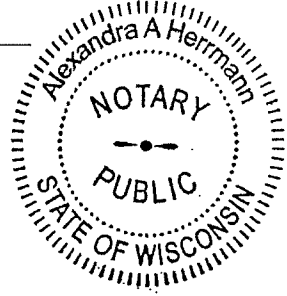
1. The undersigned having familiarized himself/herself with the Contract documents, including Advertisement for Bids, Instructions to Bidders, Form of Proposal, City of Madison Standard Specifications for Public Works Construction - 2021 Edition thereto, Form of Agreement, Form of Bond, and Addenda issued and attached to the plans and specifications on file in the office of the City Engineer, hereby proposes to provide and furnish all the labor, materials, tools, and expendable equipment necessary to perform and complete in a workmanlike manner the specified construction on this project for the City of Madison; all in accordance with the plans and specifications as prepared by the City Engineer, including Addenda to the Contract Nos. 1 through 2 issued thereto, at the prices for said work as contained in this proposal. (Electronic bids submittals shall acknowledge addendum under Section E and shall not acknowledge here)
2. If awarded the Contract, we will initiate action within seven (7) days after notification or in accordance with the date specified in the contract to begin work and will proceed with diligence to bring the project to full completion within the number of work days allowed in the Contract or by the calendar date stated in the Contract.
3. The undersigned Bidder or Contractor certifies that he/she is not a party to any contract, combination in form of trust or otherwise, or conspiracy in restraint of trade or commerce or any other violation of the anti-trust laws of the State of Wisconsin or of the United States, with respect to this bid or contract or otherwise.
4. I hereby certify that I have met the Bid Bond Requirements as specified in Section 102.5. (IF BID BOND IS USED, IT SHALL BE SUBMITTED ON THE FORMS PROVIDED BY THE CITY. FAILURE TO DO SO MAY RESULT IN REJECTION OF THE BID).
5. I hereby certify that all statements herein are made on behalf of J.P. Cullen & Sons, Inc. (name of corporation, partnership, or person submitting bid) a corporation organized and existing under the laws of the State of Wisconsin a partnership consisting of N/A; an individual trading as N/A; of the City of Madison State of Wisconsin; that I have examined and carefully prepared this Proposal, from the plans and specifications and have checked the same in detail before submitting this Proposal; that I have fully authority to make such statements and submit this Proposal in (its, their) behalf; and that the said statements are true and correct.

[Handwritten Signature]
SIGNATURE

Co - President
TITLE, IF ANY

Sworn and subscribed to before me this 7th day of September, 2021.

Alexandra A. Herrmann
(Notary Public or other officer authorized to administer oaths)
My Commission Expires 1/25/2025
Bidders shall not add any conditions or qualifying statements to this Proposal.



Contract 9050 – J. P. Cullen & Sons, Inc.

Section F: Best Value Contracting (BVC)

This section is a required document for the bid to be considered complete. There are two methods for completing the Best Value Contracting (BVC) form. Method one: The form can be filled out online and submitted to this site to be included with your electronic bid. Method two: The form can be downloaded from the site and submitted by hand to the City of Madison.

Method of Submittal for BVC (click in box below to choose) *

I will submit Bid Express fillable online form (BVC).

Best Value Contracting

1. The Contractor shall indicate the non-apprenticeable trades used on this contract.

2. Madison General Ordinance (M.G.O.), 33.07(7), does provide for some exemptions from the active apprentice requirement. Apprenticeable trades are those trades considered apprenticeable by the State of Wisconsin. Please check applicable box if you are seeking an exemption.

- Contractor has a total skilled workforce of four or less individuals in all apprenticeable trades combined.
- No available trade training program; The Contractor has been rejected by the only available trade training program, or there is no trade training program within 90 miles.
- Contractor is not using an apprentice due to having a journey worker on layoff status, provided the journey worker was employed by the contractor in the past six months.
- First time contractor on City of Madison Public Works contract requests a onetime exemption but intends to comply on all future contracts and is taking steps typical of a "good faith" effort.
- Contractor has been in business less than one year.
- Contractor doesn't have enough journeyman trade workers to qualify for a trade training program in that respective trade.
- An exemption is granted in accordance with a time period of a "Documented Depression" as defined by the State of Wisconsin.

3. The Contractor shall indicate on the following section which apprenticeable trades are to be used on this contract. Compliance with active apprenticeship, to the extent required by M.G.O. 33.07(7), shall be satisfied by documentation from an applicable trade training body; an apprenticeship contract with the Wisconsin Department of Workforce Development or a similar agency in another state; or the U.S Department of Labor. This documentation is required prior to the Contractor beginning work on the project site.

- The Contractor has reviewed the list and shall not use any apprenticeable trades on this project.

LIST APPRENTICABLE TRADES (check all that apply to your work to be performed on this contract)

- BRICKLAYER
- CARPENTER
- CEMENT MASON / CONCRETE FINISHER
- CEMENT MASON (HEAVY HIGHWAY)
- CONSTRUCTION CRAFT LABORER
- DATA COMMUNICATION INSTALLER
- ELECTRICIAN
- ENVIRONMENTAL SYSTEMS TECHNICIAN / HVAC SERVICE TECH/HVAC INSTALL / SERVICE
- GLAZIER
- HEAVY EQUIPMENT OPERATOR / OPERATING ENGINEER
- INSULATION WORKER (HEAT and FROST)
- IRON WORKER
- IRON WORKER (ASSEMBLER, METAL BLDGS)
- PAINTER and DECORATOR
- PLASTERER
- PLUMBER
- RESIDENTIAL ELECTRICIAN
- ROOFER and WATER PROOFER
- SHEET METAL WORKER
- SPRINKLER FITTER
- STEAMFITTER
- STEAMFITTER (REFRIGERATION)
- STEAMFITTER (SERVICE)
- TAPER and FINISHER
- TELECOMMUNICATIONS (VOICE, DATA and VIDEO) INSTALLER-TECHNICIAN
- TILE SETTER

**OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO. 9050**

Small Business Enterprise Compliance Report

This information may be submitted electronically through
Bid Express or submitted with bid in sealed envelope.

Cover Sheet

Prime Bidder Information

Company: J.P. Cullen & Sons, Inc.

Address: 810 S. Pinckney St Suite 810, Madison, WI 53703

Telephone Number: 608-257-1911 Fax Number: N/A

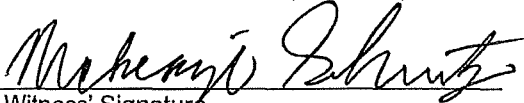
Contact Person/Title: Jeannie Cullen- Schultz Co- President

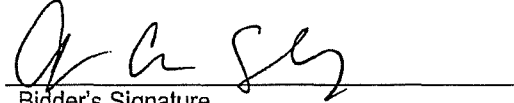
Prime Bidder Certification

I, Jeannie Cullen- Schultz, Co- President of
Name Title

J.P. Cullen & Sons, Inc. certify that the information
Company

contained in this SBE Compliance Report is true and correct to the best of my knowledge and belief.


Witness' Signature


Bidder's Signature

09-07-2021
Date

**OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO. 9050**

Small Business Enterprise Compliance Report

Summary Sheet

SBE Subcontractors Who Are NOT Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount	
JRT Top Notch Roofs LLC	Roofing	.5%	%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
Subtotal SBE who are NOT suppliers:		<u>.5%</u>	%

SBE Subcontractors Who Are Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount	
			%
			%
			%
			%
			%
			%
			%
Subtotal Contractors who are suppliers:		_____ % x 0.6 = _____	% (discounted to 60%)
Total Percentage of SBE Utilization:		<u>.5%</u>	%.

OLIN PARK FACILITY IMPROVMENTS

CONTRACT NO. 9050

DATE: 9/9/2021

J. P. Cullen & Sons, Inc.

Item	Quantity	Price	Extension
Section B: Proposal Page			
90000 - OLIN PARK FACILITY BASE BID - LUMP SUM	1.00	\$3,221,219.00	\$3,221,219.00
1 Items	Totals		\$3,221,219.00

SECTION G: BID BOND

LET ALL KNOW BY THESE DOCUMENTS PRESENTED, THAT Principal and Surety, as identified below, are held and firmly bound unto the City of Madison, (hereinafter referred to as the "Obligee"), in the sum of five per cent (5%) of the amount of the total bid or bids of the Principal herein accepted by the Obligee, for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that, whereas the Principal has submitted, to the City of Madison a certain bid, including the related alternate, and substitute bids attached hereto and hereby made a part hereof, to enter into a contract in writing for the construction of:

OLIN PARK FACILITY IMPROVEMENTS CONTRACT NO. 9050

1. If said bid is rejected by the Obligee, then this obligation shall be void.
2. If said bid is accepted by the Obligee and the Principal shall execute and deliver a contract in the form specified by the Obligee (properly completed in accordance with said bid) and shall furnish a bond for his/her faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be void.

If said bid is accepted by the Obligee and the Principal shall fail to execute and deliver the contract and the performance and payment bond noted in 2. above executed by this Surety, or other Surety approved by the City of Madison, all within the time specified or any extension thereof, the Principal and Surety agree jointly and severally to forfeit to the Obligee as liquidated damages the sum mentioned above, it being understood that the liability of the Surety for any and all claims hereunder shall in no event exceed the sum of this obligation as stated, and it is further understood that the Principal and Surety reserve the right to recover from the Obligee that portion of the forfeited sum which exceed the actual liquidated damages incurred by the Obligee.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by an extension of the time within which the Obligee may accept such bid, and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the day and year set forth below.



PRINCIPAL

J.P. Cullen & Sons, Inc.

Name of Principal

By

Michael M. Griffin

Michael M. Griffin, CFO

Name and Title

September 9, 2021

Date

Seal

SURETY



Travelers Casualty and Surety Company of America

Name of Surety

By

Tina L. Domask

Tina L. Domask, Attorney-in-Fact

Name and Title

September 9, 2021

Date

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under National Provider No. 17584644 for the year 2021, and appointed as attorney in fact with authority to execute this bid bond and the payment and performance bond referred to above, which power of attorney has not been revoked.

September 9, 2021

Date

Tina L. Domask

Agent Signature Tina L. Domask

c/o CSDZ, LLC
1600 Aspen Commons, Suite 990

Address

Middleton, WI 53562

City, State and Zip Code

608-242-2550

Telephone Number

NOTE TO SURETY & PRINCIPAL

The bid submitted which this bond guarantees shall be rejected if the following instrument is not attached to this bond:

Power of Attorney showing that the agent of Surety is currently authorized to execute bonds on behalf of the Surety, and in the amounts referenced above.



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **TINA L DOMASK** of **MIDDLETON** , Wisconsin , their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

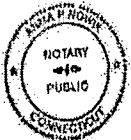
City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026




Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is


FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **9th** day of **September**, 2021.




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.**

SECTION H: AGREEMENT

THIS AGREEMENT made this 6th day of October in the year Two Thousand and Twenty-One between J. P. CULLEN & SONS, INC. hereinafter called the Contractor, and the City of Madison, Wisconsin, hereinafter called the City.

WHEREAS, the Common Council of the said City of Madison under the provisions of a resolution adopted OCTOBER 5, 2021, and by virtue of authority vested in the said Council, has awarded to the Contractor the work of performing certain construction.

NOW, THEREFORE, the Contractor and the City, for the consideration hereinafter named, agree as follows:

1. **Scope of Work.** The Contractor shall, perform the construction, execution and completion of the following listed complete work or improvement in full compliance with the Plans, Specifications, Standard Specifications, Supplemental Specifications, Special Provisions and contract; perform all items of work covered or stipulated in the proposal; perform all altered or extra work; and shall furnish, unless otherwise provided in the contract, all materials, implements, machinery, equipment, tools, supplies, transportation, and labor necessary to the prosecution and completion of the work or improvements:

OLIN PARK FACILITY IMPROVEMENTS CONTRACT NO. 9050

2. **Completion Date/Contract Time.** Construction work must begin within seven (7) calendar days after the date appearing on mailed written notice to do so shall have been sent to the Contractor and shall be carried on at a rate so as to secure full completion SEE SPECIAL PROVISIONS, the rate of progress and the time of completion being essential conditions of this Agreement.
3. **Contract Price.** The City shall pay to the Contractor at the times, in the manner and on the conditions set forth in said specifications, the sum of THREE MILLION TWO HUNDRED TWENTY-ONE THOUSAND TWO HUNDRED NINETEEN AND NO/100 (\$3,221,219.00) Dollars being the amount bid by such Contractor and which was awarded to him/her as provided by law.
4. **Affirmative Action.** In the performance of the services under this Agreement the Contractor agrees not to discriminate against any employee or applicant because of race, religion, marital status, age, color, sex, disability, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs, or student status. The Contractor further agrees not to discriminate against any subcontractor or person who offers to subcontract on this contract because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.

The Contractor agrees that within thirty (30) days after the effective date of this agreement, the Contractor will provide to the City Affirmative Action Division certain workforce utilization statistics, using a form to be furnished by the City.

If the contract is still in effect, or if the City enters into a new agreement with the Contractor, within one year after the date on which the form was required to be provided, the Contractor will provide updated workforce information using a second form, also to be furnished by the City. The second form will be submitted to the City Affirmative Action Division no later than one year after the date on which the first form was required to be provided.

The Contractor further agrees that, for at least twelve (12) months after the effective date of this contract, it will notify the City Affirmative Action Division of each of its job openings at facilities in Dane County for which applicants not already employees of the Contractor are to be considered. The notice will include a job description, classification, qualifications and application procedures

and deadlines. The Contractor agrees to interview and consider candidates referred by the Affirmative Action Division if the candidate meets the minimum qualification standards established by the Contractor, and if the referral is timely. A referral is timely if it is received by the Contractor on or before the date started in the notice.

Articles of Agreement
Article I

The Contractor shall take affirmative action in accordance with the provisions of this contract to insure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin and that the employer shall provide harassment free work environment for the realization of the potential of each employee. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship insofar as it is within the control of the Contractor. The Contractor agrees to post in conspicuous places available to employees and applicants notices to be provided by the City setting out the provisions of the nondiscrimination clauses in this contract.

Article II

The Contractor shall in all solicitations or advertisements for employees placed by or on behalf of the Contractors state that all qualified or qualifiable applicants will be employed without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin.

Article III

The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice to be provided by the City advising the labor union or worker's representative of the Contractor's equal employment opportunity and affirmative action commitments. Such notices shall be posted in conspicuous places available to employees and applicants for employment.

Article V

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison, including the contract compliance requirements. The Contractor agrees to submit the model affirmative action plan for public works contractors in a form approved by the Affirmative Action Division Manager.

Article VI

The Contractor will maintain records as required by Section 39.02(9)(f) of the Madison General Ordinances and will provide the City Affirmative Action Division with access to such records and to persons who have relevant and necessary information, as provided in Section 39.02(9)(f). The City agrees to keep all such records confidential, except to the extent that public inspection is required by law.

Article VII

In the event of the Contractor's or subcontractor's failure to comply with the Equal Employment Opportunity and Affirmative Action Provisions of this contract or Section 39.03 and 39.02 of the Madison General Ordinances, it is agreed that the City at its option may do any or all of the following:

1. Cancel, terminate or suspend this Contract in whole or in part.

2. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.
3. Recover on behalf of the City from the prime Contractor 0.5 percent of the contract award price for each week that such party fails or refuses to comply, in the nature of liquidated damages, but not to exceed a total of five percent (5%) of the contract price, or ten thousand dollars (\$10,000), whichever is less. Under public works contracts, if a subcontractor is in noncompliance, the City may recover liquidated damages from the prime Contractor in the manner described above. The preceding sentence shall not be construed to prohibit a prime Contractor from recovering the amount of such damage from the non-complying subcontractor.

Article VIII

The Contractor shall include the above provisions of this contract in every subcontract so that such provisions will be binding upon each subcontractor. The Contractor shall take such action with respect to any subcontractor as necessary to enforce such provisions, including sanctions provided for noncompliance.

Article IX

The Contractor shall allow the maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this contract. (In federally funded contracts the terms "DBE, MBE and WBE" shall be substituted for the term "small business" in this Article.)

5. Substance Abuse Prevention Program Required. Prior to commencing work on the Contract, the Contractor, and any Subcontractor, shall have in place a written program for the prevention of substance abuse among its employees as required under Wis. Stat. Sec. 103.503.
6. **Contractor Hiring Practices.**

Ban the Box - Arrest and Criminal Background Checks. (Sec. 39.08, MGO)

This provision applies to all prime contractors on contracts entered into on or after January 1, 2016, and all subcontractors who are required to meet prequalification requirements under MGO 33.07(7)(I), MGO as of the first time they seek or renew pre-qualification status on or after January 1, 2016. The City will monitor compliance of subcontractors through the pre-qualification process.

- a. **Definitions.** For purposes of this section, "Arrest and Conviction Record" includes, but is not limited to, information indicating that a person has been questioned, apprehended, taken into custody or detention, held for investigation, arrested, charged with, indicted or tried for any felony, misdemeanor or other offense pursuant to any law enforcement or military authority.

"Conviction record" includes, but is not limited to, information indicating that a person has been convicted of a felony, misdemeanor or other offense, placed on probation, fined, imprisoned or paroled pursuant to any law enforcement or military authority.

"Background Check" means the process of checking an applicant's arrest and conviction record, through any means.

- b. **Requirements.** For the duration of this Contract, the Contractor shall:
 1. Remove from all job application forms any questions, check boxes, or other inquiries regarding an applicant's arrest and conviction record, as defined herein.

2. Refrain from asking an applicant in any manner about their arrest or conviction record until after conditional offer of employment is made to the applicant in question.
3. Refrain from conducting a formal or informal background check or making any other inquiry using any privately or publicly available means of obtaining the arrest or conviction record of an applicant until after a conditional offer of employment is made to the applicant in question.
4. Make information about this ordinance available to applicants and existing employees, and post notices in prominent locations at the workplace with information about the ordinance and complaint procedure using language provided by the City.
5. Comply with all other provisions of Sec. 39.08, MGO.

c. Exemptions: This section shall not apply when:

1. Hiring for a position where certain convictions or violations are a bar to employment in that position under applicable law, or
2. Hiring a position for which information about criminal or arrest record, or a background check is required by law to be performed at a time or in a manner that would otherwise be prohibited by this ordinance, including a licensed trade or profession where the licensing authority explicitly authorizes or requires the inquiry in question.

To be exempt, Contractor has the burden of demonstrating that there is an applicable law or regulation that requires the hiring practice in question, if so, the contractor is exempt from all of the requirements of this ordinance for the position(s) in question.

**OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO. 9050**

IN WITNESS WHEREOF, the Contractor has hereunto set his/her hand and seal and the City has caused this contract to be sealed with its corporate seal and to be executed by its Mayor and City Clerk on the dates written below.

Countersigned:

Alexandra Herman 9/29/21
Witness Date

Michelle Hill 09/29/21
Witness Date

J. P. CULLEN & SONS, INC.
Company Name

[Signature] 9/29/21
President Date

Mark Cullen 9/29/21
Secretary Date

CITY OF MADISON, WISCONSIN

Provisions have been made to pay the liability that will accrue under this contract.

Approved as to form:

[Signature] 10/15/2021
Finance Director Date

[Signature] 10-21-21
Witness Date

[Signature] 10/14/2021
Witness Date

Michael Haas 10-19-21
City Attorney Date

[Signature] 10/19/21
Mayor Date

Jennifer Star for 10-14-2021
City Clerk Date

SECTION I: PAYMENT AND PERFORMANCE BOND

LET ALL KNOW BY THESE DOCUMENTS PRESENTED, that we **J. P. CULLEN & SONS, INC.** as principal, and Travelers Casualty and Surety Company of America Company of Hartford, CT as surety, are held and firmly bound unto the City of Madison, Wisconsin, in the sum of **THREE MILLION TWO HUNDRED TWENTY-ONE THOUSAND TWO HUNDRED NINETEEN AND NO/100 (\$3,221,219.00)** Dollars, lawful money of the United States, for the payment of which sum to the City of Madison, we hereby bind ourselves and our respective executors and administrators firmly by these presents.

The condition of this Bond is such that if the above bounden shall on his/her part fully and faithfully perform all of the terms of the Contract entered into between him/herself and the City of Madison for the construction of:

**OLIN PARK FACILITY IMPROVEMENTS
CONTRACT NO. 9050**

in Madison, Wisconsin, and shall pay all claims for labor performed and material furnished in the prosecution of said work, and save the City harmless from all claims for damages because of negligence in the prosecution of said work, and shall save harmless the said City from all claims for compensation (under Chapter 102, Wisconsin Statutes) of employees and employees of subcontractor, then this Bond is to be void, otherwise of full force, virtue and effect.

Signed and sealed this 6th day of October, 2021

Countersigned:

J. P. CULLEN & SONS, INC.
Company Name (Principal)

Michael M. Haas

[Signature]
President Seal

Witness

Michael Cullen
Secretary

Approved as to form:

Travelers Casualty and Surety Company of America

Michael Haas
City Attorney

Surety Seal
 Salary Employee Commission

By *Tina L. Domask*
Attorney-in-Fact **Tina L. Domask**

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under National Producer Number 17584644 for the year 2021, and appointed as attorney-in-fact with authority to execute this payment and performance bond which power of attorney has not been revoked.

October 6, 2021
Date

Tina L. Domask
Agent Signature



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

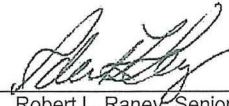
KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **TINA L DOMASK** of **MIDDLETON**, **Wisconsin**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

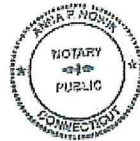
City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026




Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **6th** day of **October**, 2021




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.**