

## **SPECIFICATIONS**

MACOMB COUNTY  
ADMINISTRATION BUILDING, TALMER BUILDING & 16<sup>TH</sup> CIRCUIT COURT  
SPEC NUMBER: 231996  
MACOMB COUNTY BID ITEM # 42-23  
OCTOBER 23, 2023

## **PROJECT**

# **MACOMB COUNTY ADMINISTRATION BUILDING, TALMER BUILDING & 16<sup>TH</sup> CIRCUIT COURT NEW DOOR HARDWARE/REKEYING**

### **OWNER**

Macomb County Office of the Executive  
Administration Building  
1 South Main – 8<sup>th</sup> Floor  
Mt. Clemens, MI 48043

### **ARCHITECT**

Wakely Associates, Inc.  
30500 Van Dyke Ave., Suite 209  
Warren, Michigan 48093

**SPECIFICATIONS**

PROJECT NUMBER 231996  
BID ITEM # 42-23  
OCTOBER 23, 2023

**PROJECT**

MACOMB COUNTY  
ADMINISTRATION BUILDING, TALMER BUILDING & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING

**OWNER**

MACOMB COUNTY OFFICE OF THE EXECUTIVE  
ADMINISTRATION BUILDING  
1 SOUTH MAIN - 8<sup>TH</sup> FLOOR  
MT. CLEMENS, MI 48043

**ARCHITECT**

WAKELY ASSOCIATES, INC.  
30500 VAN DYKE, SUITE 209  
WARREN, MICHIGAN 48093  
586-573-4100

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**MACOMB COUNTY PURCHASING DEPARTMENT  
REQUEST FOR BID**

**BID ITEM NO.:** 42-23

**BID TITLE:** Macomb County  
Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court  
New Door Hardware/Rekeying

**REQUEST FOR BID**

**The Macomb County Purchasing Department will be receiving sealed proposals for the Macomb County – Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court, New Door Hardware/Rekeying Project (Wakely Project Number 231996).**

A. The project consists of all necessary prep to perform the indicated work in the following areas:

**Administration Building**

1. Replacement of existing cores at designated doors. New cores shall be Primus 7 Pin by Schlage.
2. Removal and replacement of existing hardware where indicated.

**Talmer Building**

1. Replacement of existing cores at designated doors. New cores shall be Primus 7 Pin by Schlage.
2. Removal and replacement of existing hardware where indicated.

**16<sup>th</sup> Circuit Court**

1. Replacement of existing cores at designated doors. New cores shall be Primus 7 Pin by Schlage.

Work in the Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court shall start immediately upon award of work (anticipated end of November 2023, with completion of work by March 10, 2024).

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**OBJECTIVE**

The purpose of this Request for Bid (RFB) is to select a vendor to provide renovations to the Macomb County-Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court, New Door Hardware/Rekeying. The goal is to select the most capable vendor offering the most competitive price. This proposal is in accordance with the Macomb County Procurement Policy.

**SUBMISSION PROCEDURES**

**Date Due:** **Thursday, November 16, 2023 at 2:00 PM** (local time)

Bids will be publicly opened and read.

**DELIVER via FEDEX, UPS, or hand deliver DIRECTLY TO 44900 Vic Wertz Dr. Clinton Township, MI 48036 PURCHASING DEPARTMENT BY DUE DATE & TIME.**

**IF HAND DELIVERED – MAKE SURE TO GET A DATE AND TIME STAMPED RECEIPT FOR PROOF OF DELIVERY.**

**If USPS utilized for submissions, there is no guarantee of a timely delivery as the Post Office does not deliver to individual County Buildings.**

**NO LATE BIDS ACCEPTED.**

**Mail to:** Macomb County Purchasing  
Mark Chomontowski, Purchasing Manager  
ATTN: Mary Schultz  
44900 Vic Wertz Dr.  
Clinton Township, MI 48036

**Return:** One (1) hard copy original  
Two (2) copies of the Bid  
Clearly mark on the envelope **SEALED BID ITEM #42-23 Macomb County-Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court, New Door Hardware/Rekeying Project**  
Label all submission envelopes with the company name on the outside.  
**Complete and return all pages requiring vendor response.**

All Bids must be submitted on the forms provided, properly executed and with all items filled out in ink or typed. Do not change or add words to the forms. Unauthorized conditions, limitations, or provisions on or attached to the forms may be cause for rejection of the Bid. Any Bidder information that is altered by erasure or by inter-lineation prior to submittal must be initialed and explained by notation above the signature of the Bidder.

**Macomb County vendors should be registered on the Michigan Inter-governmental Trade Network (MITN) website [www.bidnetdirect.com/mitn](http://www.bidnetdirect.com/mitn).**

**QUESTIONS**

**Due:** **Thursday, November 9, 2023 at 12:00 PM** (local time)

**Submit to:** Email: [Mary.Schultz@macombgov.org](mailto:Mary.Schultz@macombgov.org)

Questions regarding bid specifications may be directed in writing only, by email. All questions or clarifications must be directed to the Purchasing Department. Any attempt to contact a county department, other than purchasing, regarding current bids may be grounds for disqualification as a vendor. Answers will be posted to MITN.

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**PRE-BID MEETING**

**Date: Monday, November 6, 2023 at 11:30 AM (local time)**  
**Location: MC F & O, 44900 Vic Wertz Drive, Clinton Township, MI 48044**

This is a Non-Mandatory pre-bid meeting. However, no other site visits will be scheduled.

The purpose of this meeting is to review the job location and Bid Specifications.

Facility related questions will be answered at this meeting. Other questions related to the Bid specifications must be submitted in writing to the Purchasing Department.

**MODIFICATIONS**

Macomb County vendors should be registered on the Michigan Inter-governmental Trade Network (MITN) website [www.bidnetdirect.com/mitn](http://www.bidnetdirect.com/mitn). Clarifications, modifications, or amendments may be made to this document at the discretion of the Macomb County Purchasing Department prior to the opening of the solicitations. Should any such changes be made, an addendum will be issued and posted on the MITN website. It is the responsibility of each Bidder to check the website and verify that he/she has received all Addenda prior to submitting a Bid.

It is also the responsibility of each Bidder to verify that all sub-Bidders and material suppliers whose prices are incorporated in the Bidder's Bid are familiar with the Bidding Documents in their entirety, including all Addenda issued up to the time of the Bid opening. (See also *ERRORS, OMISSIONS, AND/OR DISCREPANCIES, below.*)

All addenda issued to Bidders prior to date of receipt of Bids shall become a part of these specifications, and all Bids are to include the Work therein described.

**DEFINITIONS**

- A. Bidding Documents include this Request for Bid, (including drawings, specifications and all Addenda issued prior to execution of the Contract) and the proposed Contract Documents.
- B. Addenda are written or graphic instruments issued by Macomb County prior to the execution of the Contract that modify or interpret the Bidding Documents.
- C. The Base Bid is the sum state in the Bid for which the Bidder offers to perform the Work described in the Bidding Documents as the base, to which Work may be added or from which Work may be deleted.
- D. A Unit Price is an amount stated in the Bid as a price per unit of measurement for materials, equipment, or services, or a portion of the Work as described in the Bidding Documents.
- E. A Bidder is a person or entity who submits a Bid to Macomb County, and who meets the requirements set forth in the Bidding Documents.
- F. Default is the failure of the Bidder to fulfill the obligations of the contract, including but not limited to, failure to deliver on time or the unauthorized substitution of articles

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other than those quoted and specified on the contract; or failure to deliver specified quantities (repetitive shortages).

G. Owner is the County of Macomb.

H. Contractor is a person or business which provides goods or services to the County of Macomb under terms specified in a contract.

**BIDDING DOCUMENTS**

All Bidding Documents are available on the Michigan Inter-governmental Trade Network (MITN) website [www.bidnetdirect.com/mitn](http://www.bidnetdirect.com/mitn). Bidders shall use complete sets of Bidding Documents in preparing Bids. Macomb County assumes no responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

All Bidding Documents are the property of the Architect.

**EXAMINATION OF BIDDING DOCUMENTS AND SITE**

Before submitting a Bid, the Bidder shall carefully examine the drawings, read the specifications and all other Bidding Documents; and visit the site of the Work. Each Bidder shall inspect the site of the proposed Work to arrive at a clear understanding of the conditions under which the Work is to be performed. The Bidder shall fully inform himself/herself prior to bidding as to all existing conditions and limitations under which the Work is to be performed and he/she shall include in the Bid a sum to cover the cost of all items necessary to perform the Work as set forth in the Bidding Documents. No allowance will be made to the Bidder because of lack of such examination or knowledge. The submission of a Bid shall be construed as conclusive evidence that the Bidder has made such examination. Claims for extra payments based on lack of knowledge of existing circumstances will not be allowed.

**BIDDER'S QUALIFICATIONS**

Bidders must be properly licensed under the state laws governing their respective trades. Bidders shall meet qualifications indicated in the Bidding Documents. Macomb County may make such investigations as necessary to determine the ability of the Bidder to perform the Work, and the Bidder shall furnish to Macomb County all such information and data for this purpose as Macomb County may request. Macomb County reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy Macomb County that such Bidder is not properly qualified to carry out the obligations of the Contract.

Submission of a Bid shall serve as evidence that the Bidder has confirmed that the Bidder is properly qualified to perform the work and is capable of obtaining the required bonds and insurance.

**COMPONENT/PRODUCT RESPONSIBILITY**

The successful Bidder will provide field instructions for Macomb County's operators, mechanics and/or supervisors. The successful Bidder shall be responsible to insure that all components delivered operate properly and with the intent and details of these specifications.



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**STATUS OF BIDDERS**

*Proprietors submitting Bids* shall indicate their status as proprietors.

*Bidders submitting Bids for partnerships* shall indicate their status as partners and shall submit, upon request of Macomb County within 24 hours following receipts of Bids, a certified copy of the power of attorney authorizing the executor of the Bid to bind the partnership.

*Bidders submitting Bids for corporations* shall indicate their status as corporations and shall submit, upon request of the Owner within 24 hours following receipt of Bids, a certified copy of the board of directors' authorization for the Bidder to bind the corporation and shall affix the corporate seal on the Bid.

Bidders shall provide, upon request of Macomb County, within 24 hours following receipt of Bids, the following:

1. Names and addresses of proprietors, of all members of a partnership, or of the corporation's officers.
2. Name of county or state where the partnership is registered or where the corporation is incorporated. Corporations must be licensed to do business in the project state at the time of executing the contract.

**ERRORS, OMISSIONS, AND/OR DISCREPANCIES**

Bidder shall not be allowed to take advantage of errors, omissions, and/or discrepancies found in the Bidding Documents. In the event a conflict or omission is discovered in the Bidding Documents after the issuing of the last addendum such that an interpretation cannot be issued by Macomb County prior to bidding, the Bidder is directed to estimate on and provide the quantity and quality of material and labor consistent with the overall represented work so as to provide all materials, equipment, labor, and services necessary for the completion of the Work.

**SUBSTITUTION OF MATERIALS AND EQUIPMENT**

Whenever a material, article or piece of equipment is identified on the Drawings or in the Specifications by reference to manufacturers' or vendors' names, trade names, catalog numbers, or the like, it is so identified for the purpose of establishing a standard, and any material, article, or piece of equipment of other manufacturers or vendors which will perform adequately the duties imposed by the general design will be considered equally acceptable provided that the material, article, or piece of equipment so proposed is, in the opinion of the Architect, of equal substance appearance and function.

To obtain approval to use unspecified products, Bidders shall submit written requests at least ten (10) days before the bid date. Requests received after this time will not be considered. Requests shall clearly describe the product for which approval is asked, including all data necessary to demonstrate acceptability.

If the product is acceptable, the Architect will approve it in an Addendum which will be posted on the MITN website. The product shall not be purchased or installed by the Contractor without the Architect's written approval.

Voluntary alternates or qualifications contrary to the Contract requirements made by the Bidder in or accompanying his/her Bid as a condition for the acceptance of the Contract will not be considered in the award of the Contract and will cause the rejection of the entire Bid.

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**TERMINATION**

Macomb County reserves the right to terminate any award to the Bidder without any liability, upon a 30-day notice from Macomb County.

**DEFAULT (refer to Section: Definitions, Item F)**

If continued abuse of any/or all of the default conditions persist, Macomb County will notify the Contractor in writing. The Contractor will be given thirty (30) days to correct this default condition. Failure to correct within the specified period will result in Macomb County canceling the Contract and procuring the articles or services from other sources. The Contractor will be responsible for any excess costs occasioned thereby.

**RIGHT TO REJECT**

Macomb County reserves the right to reject any or all Bids in whole or in part and to waive any informalities therein or accept any Bid it may deem in the best interest of the County.

Note: Past experience and performance may be a factor in making an award.

**MODIFICATION AND WITHDRAWAL OF BIDS**

A Bid may be withdrawn on personal requests received from Bidder prior to submission time. A Bid being withdrawn may be re-submitted up to submission time. Negligence or error on the part of the Bidder in preparing his/her Bid confers no right for withdrawal of the Bid after it has been opened.

**OFFER PERIOD**

Bids will remain firm for a period of 30 days after official opening of Bids.

**BID BREAKDOWN CONSTRUCTION INFORMATION**

Upon notice from the Architect, the low Bidders shall submit a detailed cost breakdown of all work covered by the Bidding Documents. The breakdown shall show quantity of material and labor, units of material and labor, material cost, labor cost and total cost.

**EXECUTION OF CONTRACT**

Macomb County reserves the right to accept any and all Bids, or to negotiate contract terms with the various Bidders when such is deemed by Macomb County to be Macomb County's best interest.

**SCHEDULE - TIME OF COMPLETION**

Work is to commence on a date specified in a written "Notice to Proceed", and the Work shall be fully complete within the required time allowed. Macomb County requires the Work to be substantially complete no later than May 31, 2024.

**BASIS OF BID**

A single lump sum Bid is being entertained for the Work of the Bid.

**SALES AND EXCISE TAXES**

All prices stated in the Bid response will include all Federal, State, County and Municipal taxes, including Michigan State Sales and Use Taxes, or contributions required by Bidder's business.

**PERMITS**

Any needed city permits, and bonds will be required prior to award of Contract and commencement of Work.

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**INDEMNIFICATION**

Macomb County will not be responsible for injury to Contractor's employees, Sub-Contractors, or to third parties caused by the Contractor's agents, servants or employees. Therefore, the Contractor agrees to incorporate the below hold harmless agreement into the required insurance and to be evidenced by being contained in the certificate of insurance. Further, the below listed indemnification is incorporated and is part of the subject contract.

The Contractor agrees to protect, defend, indemnify and hold the County of Macomb and its commissioners, officers, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees, or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, legal fees, liens, demands, court costs, obligations, actions, proceedings or causes of action of every kind and character in connection with or arising directly or indirectly out of this agreement and/or the performance hereof. Without limiting the generality of the foregoing, any and all such claims, etc. relating to personal injury, death, damage to property, defects in materials or workmanship, or any actual or alleged violation of any applicable statute, ordinance, administrative order, rule or regulation, or decree of any court, shall be included in the indemnity hereunder.

The Contractor further agrees to investigate, handle, respond to, provide defense for and defend any such claims, etc. at his sole expense and agrees to bear all other costs and expenses related hereto, even if it (claims, etc.) is groundless, false or fraudulent. In any case in which this indemnification would violate legal prohibition, the foregoing provision concerning indemnification shall not be construed to identify the County for damage arising out of bodily injury to persons or damage to property caused by or resulting from the sole negligence of the County, its commissioners, officers, employees or agents.

**BID BOND/GUARANTEE**

All Bids must be accompanied by a certified check, cashier's check, or a satisfactory Surety Bid Bond in an amount not less than five percent (5%) of the total Bid price. Checks shall be made payable to County of Macomb. No Bid shall be considered unless it is accompanied by a certified check, cashier's check or a satisfactory Surety Bid Bond.

Checks will be returned to all except the three (3) lowest Bidders for each contract within five (5) days after the opening of the Bids, and the remaining checks will be returned promptly after Macomb County and the accepted Bidders have executed the Contract, or if no award has been made, within one hundred twenty (120) days after the date of the opening of the Bids, upon demand of the Bidder at any time thereafter, so long as he has not been notified of the acceptance of his/her Bid.

The Bid Bond/Guarantee may be forfeited to Macomb County, if the successful Bidder refuses to enter into a Contract within ten (10) days upon award of Contract from Macomb County.

Bid Bonds shall be accompanied by a Power-of-Attorney authorizing the signer of the bond to do so on behalf of the Surety Company.

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**PERFORMANCE AND PAYMENT BOND**

The successful Bidder will be required to furnish a satisfactory performance and payment bond each in an amount equal to 100 percent of the Contract Sum, within five (5) days after notification of intent to enter into Contract. Bonds, in the full amount of the contract, are required so that the County has a guarantee that the Contractor will faithfully perform the contract and the Contractor will make all payments for all labor and material costs or claims covered or furnished under the contract.

All bonds and policies or certificates of insurance must meet with the approval of Macomb County before the Contractor will be allowed to commence the Work. Failure or refusal to furnish bonds or insurance policies or certificates in a form satisfactory to Macomb County shall subject the Bidder(s) to forfeiture of Bid Bond.

**The Performance and Payment Bond must be from a surety company licensed to do business in the State of Michigan, and will be in Compliance with all the requirements of MCL 129.201 et seq.**

**CONTRACTS WITH SUB-CONTRACTORS**

All contracts made by the Bidder with Sub-Contractors shall be covered by the terms and conditions of the Contract. The Bidder shall inform all Sub-Contractors of these terms and conditions. Macomb County reserves the right to require of the Bidders tentatively selected for consideration in the awarding of the Contract, a list of the Sub-Contractors whom the Contractor intends to employ.

Macomb County reserves the right to disapprove the use of any proposed Sub-Contractor, and in such event, the Bidder submitting such Sub-Contractor shall submit another such Sub-Contractor in like manner within the time specified by Macomb County. Macomb County reserves the right to reject any proposal if such information required by Macomb County is not submitted as above indicated.

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**INSURANCE**

***COMMERCIAL GENERAL LIABILITY INSURANCE***

Shall be written on an occurrence basis with limits of Liability of not less than \$1,000,000 (one million dollars) as combined single limit for each occurrence of bodily injury and personal injury with an annual aggregate of not less than \$2,000,000 (two million dollars). The policy shall include:

- a. Contractual Liability
- b. Products and Completed Operations
- c. Independent Contractors Coverage
- d. Broad Form General Liability Extensions or equivalent

***WORKERS' COMPENSATION***

Workers' Compensation Insurance meeting Michigan statutory requirements. Employer's Liability Insurance with minimum limits of \$500,000 each accident, \$500,000 bodily injury by disease policy limit, \$500,000 bodily injury by disease each employee.

***AUTOMOBILE LIABILITY INSURANCE***

Motor Vehicle Liability Insurance including Michigan NO-FAULT Coverage for all vehicles, owned and non-owned, leased and hired used in the performance of this contract with limits of \$1,000,000 (one million dollars) as the combined single limit for each occurrence for bodily injury and property damage.

***PROFESSIONAL LIABILITY/ERRORS & OMISSIONS***

Professional Liability Insurance with minimum limits of \$1,000,000 (one million dollars) each occurrence and \$2,000,000 (two million dollars) aggregate.

***INSURANCE INSTRUCTIONS***

All certificates of insurance and duplicate policies shall contain the following:

The County of Macomb shall be named additional insured on all policies (excluding Worker's Compensation) and the underwriters will have no right of recovery or subrogation against the County of Macomb including its agents, employees, elected and appointed officials and agencies. It being the intention of the parties that the insurance policy so effected will protect both parties in primary coverage for any and all losses covered by the subject policy. The insurance carrier(s) must have an A.M. Best rating of no less than an A-, VII.

The insurance company(s) issuing the policy or policies will have no recourse against the County of Macomb for payment of any premiums or for assessments under any form of policy.

The Contractor will assume any and all deductibles in the above any and all deductibles in the above-described insurance policies.

The term "INSURED" is used severally, not collectively, but the inclusion in this policy of more than one insured will not operate to increase the limit of the Owner's liability.

All certificates are to provide a thirty (30) day notice of material change or cancellation. Certificates of insurance must be provided no less than ten (10) working days before commencement of work to the County of Macomb, 120 North Main Street, Mt. Clemens, Michigan 48043 Attention: Department of Risk Management.

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**SPECIFICATIONS/SCOPE OF WORK**

*Insert  
Specs/Scope of Service  
Here (or at the end)*



## **FORMS**

### **INSTRUCTIONS**

All Proposals must be submitted on the forms provided, properly executed and with all items filled out in ink or typed. Do not change or add words to the forms. Unauthorized conditions, limitations, or provisions on or attached to the forms may be cause for rejection of the proposal. Any Bidder information that is altered by erasure or by inter-lineation prior to submittal must be initialed and explained by notation above the signature of the Bidder.

### **LIST**

The following is a list of forms that are to be completed and returned:

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**County of Macomb, Michigan**  
**VENDOR DISCLOSURE FORM**

The Macomb County ethics ordinance requires vendors of the County to complete and file a disclosure statement, the purpose of which is to disclose any financial relationships or other conflicts of interest that may exist between vendors and employees or elected officials (or their appointees) of the County. Once filed, the disclosure form does not need to be updated unless there is a change in circumstance that would cause the answer to any of the questions to change, at which time an amended disclosure form must be filed. Filing of the disclosure form is considered a condition of payment.

**PLEASE RETURN THE COMPLETED FORM TO:**  
Macomb County Purchasing Department  
ATTN: Vendor Disclosure/Mary Schultz  
44900 Vic Wertz Dr.  
Clinton Township, MI 48036

VENDOR NAME: \_\_\_\_\_

1. Does the vendor currently employ a relative of any employee, elected official or appointee of an elected official of Macomb County? Relative is defined as husband or wife, father or mother, son or daughter, brother or sister, uncle or aunt, first cousin, nephew or niece, great uncle or great aunt, grandfather or grandmother, grandson or granddaughter, father-in-law or mother-in-law, son-in-law or daughter-in-law, brother-in-law or sister-in-law, stepfather or stepmother, stepson or stepdaughter, stepbrother or stepsister, half-brother or half-sister, the parents or grandparents of the individual's fiancée.
- YES  NO

If yes, please answer the following:

- Name of County employee or elected official (or appointee): \_\_\_\_\_
- B. County Position/Title: \_\_\_\_\_  
County Department or Agency: \_\_\_\_\_
- C. Agency: \_\_\_\_\_

2. Does any employee or elected official of Macomb County have an interest in the vendor organization in any of the following capacities, either compensated or non-compensated: director, officer, partner, beneficiary, trustee, member, employee or contractor.
- YES  NO

If yes, please answer the following:

- Name of County employee or elected official (or appointee): \_\_\_\_\_
- B. County Position/Title: \_\_\_\_\_
- C. County Department or Agency: \_\_\_\_\_
- D. Position/Title with Vendor: \_\_\_\_\_



**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



3. Does any current employee or elected official of Macomb County have legal or beneficial ownership of 10% or more of the outstanding stock of the vendor organization?

**YES**                       **NO**

If yes, please answer the following:

- A. Name of County employee or elected official (or appointee): \_\_\_\_\_
- B. County Position/Title: \_\_\_\_\_
- C. County Department or Agency: \_\_\_\_\_  
    % of Ownership of Vendor
- D. Organization: \_\_\_\_\_

4. In the last five calendar years, has the vendor failed to perform or otherwise deliver on the terms of a contract or agreement with Macomb County, or any other public entity, including suspensions or debarments?

**YES**                       **NO**

If yes, please provide further explanation:

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I hereby certify that the information included on this form is complete, true and accurate to the best of my knowledge and belief. I understand that either myself or the organization to which this form applies may be subject to sanctions and/or penalties as set forth in the ethics ordinance if any information has been falsified or omitted.

\_\_\_\_\_  
*Name (Please Print)*

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Date*

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**NON-COLLUSION AFFIDAVIT**

STATE OF )  
 ) ss  
COUNTY OF )

\_\_\_\_\_, being first duly sworn, deposes and says that he/she is authorized on behalf of \_\_\_\_\_ (Bidder Name) who is making the foregoing proposal(s) that:

- 1) Such proposals are genuine and not collusive or a sham.
- 2) This Bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder or person to submit a proposal which is a sham.
- 3) This Bidder has not in any manner agreed with any other persons or businesses to fix the proposed price, overhead, profit, or any cost element of the submitted proposal.
- 4) This Bidder has not attempted to secure any advantage against any other Bidders through collusion with any other Bidder or employees or representative of the County.
- 5) That the proposals submitted are true and accurate to the best of my knowledge and belief and are made in good faith.
- 6) This Bidder has not directly or indirectly submitted or disclosed its proposal or its contents or divulged information or data relative thereto to any association or to any member or agent of any other Bidder to this proposal.

Further, Affiant sayeth not.

\_\_\_\_\_

Subscribed and sworn to before me  
this \_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public  
County of \_\_\_\_\_,  
State of \_\_\_\_\_,  
My Commission Expires: \_\_\_\_\_

**BIDDER: THIS AFFIDAVIT MUST BE COMPLETED, SIGNED, NOTARIZED AND INCLUDED IN YOUR PROPOSAL SUBMISSION.**

**BID ITEM # 42-23  
 MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
 NEW DOOR HARDWARE/REKEYING PROJECT**



**MACOMB COUNTY BASED PREFERENCE**

A local preference percentage credit from the following allowance table will be applied to the bid of any County-based Enterprise. This credit will be subtracted from the bid of the County-based Enterprise. In comparing bids, the bid of the County –based Enterprise after subtraction of the credit shall be considered the official bid. However, if the County-based Enterprise is awarded the Contract, the bid without the equalization percentage credit shall be the Contract price.

<b><u>Contract Amount</u></b>	<b><u>Local Preference Percentage</u></b>
Up to \$50,000.00	5
\$50,000.00 to \$200,000.00	3
\$200,000.00 and over	1

1. No business shall receive these credits unless it has been certified by the Purchasing Manager.
2. Any business who claims entitlement to any local preference credit shall disclose the records necessary to establish eligibility to the County.
3. After applying any local preference credits as provided above, the Contract shall be awarded to the lowest Responsible Bidder thus evaluated.

**IN ORDER TO DETERMINE IF YOUR BUSINESS IS ENTITLED TO RECEIVE A LOCAL PREFERENCE PERCENTAGE CREDIT, PLEASE ANSWER THE FOLLOWING QUESTIONS:**

1. Is your business headquarters physically located within Macomb County, or has it been conducting business at a location with a permanent street address in the County of Macomb on an ongoing basis for not less than one taxable year prior to your bid or response to this Request for Proposal? **YES \_\_\_\_\_ NO \_\_\_\_\_**
2. Has your business paid property taxes on real or personal property within the past year on property which is ordinarily needed to perform the proposed contract? **YES \_\_\_\_\_ NO \_\_\_\_\_**
3. Are at least 50 percent of your regular full-time employees based at the County location to perform the proposed contract? **YES \_\_\_\_\_ NO \_\_\_\_\_**
4. Has your business been dealing for at least one year on a regular commercial basis in the kind of goods or services which are the subject of this bid or proposal? **YES \_\_\_\_\_ NO \_\_\_\_\_**

**Drug Screening**

To the extent not prohibited by law, all contracts for construction, repair, alteration, or rebuilding of a County building or other property shall include a provision requiring the contractor and any subcontractor providing services under the contract to conduct pre-hire screening for illegal drug use by their employees who provide services under the contract.

If applicable, is your business compliant with this requirement? **YES \_\_\_\_\_ No \_\_\_\_\_**

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**GENERAL INFORMATION**

In further description of this Bid, we desire to submit sheets marked as follows:

\_\_\_\_\_

Bidding under the name of: \_\_\_\_\_

DUNS Number: \_\_\_\_\_  
Federal Employer Identification Number: \_\_\_\_\_  
which is (check one of the following):

( ) Corporation, incorporated under the laws of the State of:  
\_\_\_\_\_

( ) Partnership, consisting of (list partners):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

( ) Assumed Name (Register No.) \_\_\_\_\_

( ) Individual

AUTHORIZED SIGNATURE: \_\_\_\_\_

Printed or typed signature: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

City, State: \_\_\_\_\_

Date: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email: \_\_\_\_\_

\*\*\*\*\*

When payment on such order or contract is to be directed to the same company at an address different from above, please list the address to be used below:

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**WORK REFERENCES**

BIDDER'S COMPANY NAME \_\_\_\_\_  
Please list at least three (3) companies or public agencies for which you have done similar work.

Macomb County reserves the right to reject low Bids for poor past performance or inadequate references.

NAME OF COMPANY \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_

NAME OF COMPANY \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_

NAME OF COMPANY \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_

NAME OF COMPANY \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_

**BID ITEM # 42-23**

**MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**FEDERAL E-VERIFY PROGRAM**

The Macomb County Board of Commissioners has established a policy regarding the Federal E-Verify Program. This policy states that future contracts (including both new and reviewing contracts) between Macomb County and contractors and vendors who provide services in excess of twenty-thousand dollars (\$20,000) shall require the contractors and vendors to register with, participate in, and utilize the E-Verify Program (or any successor program implemented by the federal Department of Homeland Security and Social Security Administration) when hiring their employees and require the County's Human Resources Department to utilize the E-Verify Program (or any successor program implemented by the federal Department of Homeland Security and Social Security Administration) when hiring new employees.

**For more information about E-Verify, go to [www.uscis.gov](http://www.uscis.gov).** Click on the E-Verify icon on the bottom left-hand corner of page.

**ACKNOWLEDGMENT OF MACOMB COUNTY'S POLICY  
REQUIRING PARTICIPATION IN THE FEDERAL E-VERIFY PROGRAM  
AND CERTIFICATION OF COMPLIANCE**

The undersigned hereby acknowledges receipt of a copy of the policy of the Macomb County Board of Commissioners requiring contractors, including those providing professional services, who provide services **in excess of \$20,000 a year** to the County to register and participate in the Federal E-Verify Program.

The undersigned hereby certifies that (he/she/it) will comply with this policy and will register with, participate in and utilize the E-Verify Program or any successor program implemented by the Federal Department of Homeland Security and Social Security Administration when hiring employees.

DATED: \_\_\_\_\_

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Printed or Typed Signature

\_\_\_\_\_  
Name of Company



**CERTIFICATION OF COMPLIANCE – IRAN ECONOMIC SANCTIONS ACT**

**Michigan Public Act No. 517 of 2012**

The undersigned, the owner or authorized officer of the below-named Bidder \_\_\_\_\_, hereby certifies, represents and warrants that the Bidder, including its officers, directors and employees, is not an “Iran linked business” within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the “Act”), and that in the event Bidder is awarded a contract, the Bidder will not become an “Iran linked business” at any time during the course of performing any services under the contract.

BIDDER: \_\_\_\_\_  
Name of Bidder

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**BID FORM**

**Bid Item # 42-23**

Bidder: \_\_\_\_\_

**Macomb County**

*(print or type company name)*

Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court  
New Door Hardware/Rekeying Project

County of Macomb  
Mount Clemens, Michigan

OWNER

\_\_\_\_\_  
*(Telephone Number)*

MACOMB COUNTY  
MT. CLEMENS, MICHIGAN 48043

WAKELY ASSOCIATES INC.  
30500 VAN DYKE AVENUE, SUITE 209  
WARREN, MI 48093

**GENERAL AGREEMENTS**

- A. The Bidder acknowledges that he/she has had the opportunity to examine the site and locality where the Work is to be performed and has become familiar with the legal requirements, laws, rules, regulations and conditions affecting the cost, progress and performance of the Work; and has made such independent investigations as Bidder deemed necessary to prepare the Bid. Further, Bidder hereby states that the Base Bid set forth in this Bid Response is true and correct.
- B. The Bidder agrees that this Bid shall not be withdrawn for a period of 30 calendar days after the scheduled closing time for receiving Bids.
- C. The Bidder declares that in preparing this Bid, Bidder is assured of the availability of all labor, materials and products to meet the substantial completion date.
- D. The Bidder acknowledges that the price stated below includes all taxes of whatever character or description.
- E. The Bidder agrees to execute a Contract for work covered by this Bid, provided that he/she be notified of its acceptance within thirty (30) days after the opening of Bids.

**SCHEDULE - TIME OF COMPLETION**

The undersigned agrees to commence the Work of the Contract Documents on a date specified in a written "Notice to Proceed" (anticipated end of November 2023), and shall fully complete the Work within the required time allowed. Owner requires work to be substantially complete no later than March 10, 2024. The proposed Bid is in full consideration of this.

**ACKNOWLEDGEMENT OF ADDENDA**

The Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

Addendum No. 1, dated \_\_\_\_\_, Addendum No. 3, dated \_\_\_\_\_

Addendum No. 2, dated \_\_\_\_\_, Addendum No. 4, dated \_\_\_\_\_



**BID ITEM # 42-23  
 MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
 NEW DOOR HARDWARE/REKEYING PROJECT**



**BID FORM SUPPLEMENTS**

Attached to this Bid Form and incorporated herein are the following documents, completed in full by the undersigned:

Base Bid Form Supplement – Unit Prices/Supplemental Fees

**BASE BID**

The undersigned Bidder, having carefully examined the Bidding and Contract Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, all as issued by the Owner, and being familiar with all conditions and requirements of the Work, hereby proposes and agrees to furnish all material, labor, equipment, tools and supervision; and to furnish all services necessary to complete the Work required in accordance with the Bidding Documents for the following projects, in the following amount:

\_\_\_\_\_ Dollars \$ \_\_\_\_\_  
*(Sum to be written out)*

**CONTINGENCY:** (This amount, when unused, will be returned to the Owner. This contingency will only be used after written authorization of the Owner's representative).

- A. The undersigned acknowledges that they have included the sum of THIRTY THOUSAND DOLLARS (\$30,000.00) in the base bid for use as a Construction Contingency. Note: Unused Contingency will be returned to Owner at the end of the project.

**VOLUNTARY ALTERNATES**

The following voluntary alternates are offered by the Bidder. The undersigned agrees that the amounts indicated below shall be added to or deducted from the Base Bid, as the case may be for each alternate which is accepted.

Description of Voluntary Alternates	Add	Deduct
1. _____	\$ _____	\$ _____
2. _____	\$ _____	\$ _____
3. _____	\$ _____	\$ _____
4. _____	\$ _____	\$ _____

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



Respectfully submitted this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

By: \_\_\_\_\_  
(Name of bidding firm or corporation)

Witness:

By: \_\_\_\_\_  
(Signature)

Attest: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Type or print name)

By: \_\_\_\_\_  
(Type or print name)

Title: \_\_\_\_\_  
(Owner/Partner/President/Vice Pres.)

Title: \_\_\_\_\_  
(Corporate Secretary or Assistant Secretary Only)

Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

License: \_\_\_\_\_

Federal ID No.: \_\_\_\_\_

*(Affix Corporate Seal Here)*

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**BID FORM SUPPLEMENT - UNIT PRICES/SUPPLEMENTAL FEES**

This form is required to be attached to the Base Bid Form.

**Bid Item # 42-23** Bidder: \_\_\_\_\_  
**Macomb County** (print or type company name)  
Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court  
New Door Hardware/Rekeying Project

County of Macomb  
Mount Clemens, Michigan

**UNIT PRICES**

Unit Prices shall include all charges applicable to the items including, but not limited to, materials, shoring, hauling removal, fee, layout, supervision and overhead (field and home office), labor, general expenses, transportation, taxes, insurance and profit. Single unit prices shall apply to additions to, or deductions from the Work.

In submitting this bid, the Bidder agrees that Work Item quantities are estimates and that the Owner may increase or decrease these quantities at the unit prices stated. Each bidder shall show below the amounts proposed to be added to or deducted from the Base Bid Total upon adjustment of the quantity given for the actual measurement of individual items of the Work. Reimbursement of the Contractor will be made strictly on the basis of a quantitative survey of extended material placed for the unit prices shown.

**Unit Price No. 1A:**

Cost for one (1) Primus 7 pin core by Schlage.

ADD \_\_\_\_\_ DOLLARS/core (\$ \_\_\_\_\_)  
Sum to be written out PER CORE.

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**SUPPLEMENTAL FEES**

For additional work performed upon instruction of Macomb County, by Sub-Contractors of the Undersigned, add to the Sub-Contractor's prices for such work a fee of \_\_\_\_\_%, which includes all the charges of the undersigned for overhead and profit.

Any additional work performed upon instruction of Macomb County by persons other than the Sub-Contractors of the undersigned, the charges will be actual cost of the labor, and materials, (less all discounts) plus the fee of \_\_\_\_\_%, which includes all the charges of the undersigned for overhead and profit, and to which shall be added the actual cost of insurance & taxes.

Each Bid covering extra work, shall be accompanied with complete itemized material & labor breakdowns.

For all revisions involving the deletion of contract work, it is agreed that the full credit shall be given Macomb County for such work deleted, including overhead and profit as quoted hereinbefore.

**NEGOTIATION**

The undersigned agrees that, should the overall cost exceed the funds available, he/she will be willing to negotiate with Macomb County and Architect; for the purpose of making further reductions in the Contract work, and shall agree to give full credit for all such reductions in the work requested by Macomb County, including full value of labor, materials, and Sub-Contract work and reasonable proportionate reductions in overhead and profit, thereby arriving at an agreed upon Contract price.

Submitted this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

By: \_\_\_\_\_  
(Name of bidding firm or corporation)

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Type or print name)

Title: \_\_\_\_\_  
(Owner/Partner/President/Vice Pres.)

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**BID FORM SUPPLEMENT - LIST OF SUB-CONTRACTORS**

All sealed bids for construction contracts shall provide a list of preferred sub-contractors and identify, with documentation, whether each subcontractor is a County-based Enterprise.

**NAME OF BIDDER:** \_\_\_\_\_

**NAME OF SUB-CONTRACTOR**

---

CONTACT PERSON

---

ADDRESS

---

TELEPHONE NO.

---

MACOMB COUNTY BASED ENTERPRISE (Y/N)

---

**NAME OF SUB-CONTRACTOR**

---

CONTACT PERSON

---

ADDRESS

---

TELEPHONE NO.

---

MACOMB COUNTY BASED ENTERPRISE (Y/N)

---

**NAME OF SUB-CONTRACTOR**

---

CONTACT PERSON

---

ADDRESS

---

TELEPHONE NO.

---

MACOMB COUNTY BASED ENTERPRISE (Y/N)

---

**NAME OF SUB-CONTRACTOR**

---

CONTACT PERSON

---

ADDRESS

---

TELEPHONE NO.

---

MACOMB COUNTY BASED ENTERPRISE (Y/N)

---

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**COUNTY OF MACOMB  
VENDOR CERTIFICATION DEBARMENT**

All information requested in this section must be completed and the document notarized. Any information omitted, or erroneously reported, may result in disqualification for current or future bidding and supply on behalf of the County of Macomb.

The undersigned warrants and presents that they have full complete authority to make representations for and on behalf of the undersigned company and that their representations are fully binding upon the undersigned company.

1. The undersigned are not presently debarred, suspended, proposed for debarment, declared ineligible, or excluded from transactions by any federal department or agency, or any state, county or local municipality, department or agency.
2. The undersigned has not within a three (3) year period preceding this bid been convicted of, or had a civil judgment rendered against them for the commission of fraud, a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state or local) transaction, or a contract a public transaction, violation of federal or state antitrust statutes, or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
3. The undersigned are not presently indicted for or otherwise criminally or civilly charged by any governmental entity (federal, state or local) with commission of any of the offenses set forth in paragraph 2.
4. The undersigned have not within a three (3) year period preceding this bid, had one or more public transactions (federal, state or local) terminated or attempted to be terminated for cause or default.

**IF THE APPLICANT IS UNABLE TO CERTIFY TO ANY OF THE STATEMENTS IN THIS CERTIFICATION, CERTIFICATION AND EXPLANATION SHALL BE ATTACHED AND PRESENTED WITH THIS CERTIFICATION.**

**THE UNDERSIGNED CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED MADE ON BEHALF OF THE UNDERSIGNED BIDDER.**

Bidder: \_\_\_\_\_

Bidder Address: \_\_\_\_\_

Applicant/Bidder Representative: \_\_\_\_\_

Signature: \_\_\_\_\_  
(Print full name)

Subscribed and sworn to before me this  
\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public  
County of \_\_\_\_\_,  
State of \_\_\_\_\_  
My Commission expires: \_\_\_\_\_

**BID ITEM # 42-23  
MACOMB COUNTY ADMINISTRATION BLDG., TALMER BLDG & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING PROJECT**



**GOOD HOUSEKEEPING AND BEST MANAGEMENT PRACTICES**

Bidder shall comply with the Good Housekeeping and Best Management Practices as outlined in SEMCOG's LID that can be found at:

<https://semcog.org/Reports/LID/files/assets/basic-html/page-1.html#>.

Where applicable, Bidder to annually certify their trucks and tanks to ensure that materials extracted stay within the truck until it reaches the permitted disposal site.

All equipment utilized in the cleaning process will abide by manufacturers recommendations.

\_\_\_\_\_  
Initial

\_\_\_\_\_  
Date

MACOMB COUNTY  
ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT  
NEW DOOR HARDWARE/REKEYING 231996 OCTOBER 23, 2023

SECTION 00851 - INDEX OF DRAWINGS

TITLE SHEET

The following drawings, dated October 23, 2023, issued for Macomb County, Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court, New Door Hardware/Rekeying, Bid Item # 42-23, Mt. Clemens, MI 48043. Architect's Project Number 231996.

**SHEET INDEX**

GENERAL DRAWINGS:

G0.0 COVER SHEET, SHEET INDEX AND LOCATION MAP

ARCHITECTURAL DRAWINGS - ADMINISTRATION BUILDING:

A1.0A COMPOSITE FLOOR PLAN - LOWER LEVEL  
A1.1A COMPOSITE FLOOR PLAN - FIRST FLOOR  
A1.2A COMPOSITE FLOOR PLAN - SECOND FLOOR  
A1.3A COMPOSITE FLOOR PLAN - THIRD FLOOR  
A1.4A COMPOSITE FLOOR PLAN - FOURTH FLOOR  
A1.5A COMPOSITE FLOOR PLAN - FIFTH FLOOR  
A1.6A COMPOSITE FLOOR PLAN - SIXTH FLOOR  
A1.7A COMPOSITE FLOOR PLAN - SEVENTH FLOOR  
A1.8A COMPOSITE FLOOR PLAN - EIGHTH FLOOR  
A1.9A COMPOSITE FLOOR PLAN - NINTH FLOOR  
A6.0A DOOR SCHEDULE & DETAILS

ARCHITECTURAL DRAWINGS - 16TH CIRCUIT COURT BUILDING:

A1.0C COMPOSITE FLOOR PLAN - LOWER LEVEL  
A1.1C COMPOSITE FLOOR PLAN - FIRST FLOOR  
A1.2C COMPOSITE FLOOR PLAN - SECOND FLOOR  
A1.3C COMPOSITE FLOOR PLAN - THIRD FLOOR  
A1.4C COMPOSITE FLOOR PLAN - FOURTH FLOOR  
A1.5C COMPOSITE FLOOR PLAN - FIFTH FLOOR  
A1.6C COMPOSITE FLOOR PLAN - SIXTH FLOOR  
A6.0C DOOR SCHEDULE

ARCHITECTURAL DRAWINGS - TALMER BUILDING :

A1.0T COMPOSITE FIRST FLOOR PLAN  
A1.1T COMPOSITE SECOND FLOOR PLAN

END OF SECTION 00851



SECTION 01010 - SUMMARY OF WORK

PART I - GENERAL

1.01 RELATED DOCUMENTS:

- A. Attention is directed to Division 0, Bidding and Contract Requirements, and to Division 1, General Requirements, which are hereby made a part of this section.

1.02 PROJECT:

- A. The project consists of all necessary prep to perform the indicated work in the following areas:

Administration Building

- 1. Replacement of existing cores at designated doors. New cores shall be Primus 7 Pin by Schlage.
- 2. Removal and replacement of existing hardware where indicated.

Talmer Building

- 1. Replacement of existing cores at designated doors. New cores shall be Primus 7 Pin by Schlage.
- 2. Removal and replacement of existing hardware where indicated.

16<sup>th</sup> Circuit Court

- 1. Replacement of existing cores at designated doors. New cores shall be Primus 7 Pin by Schlage.

Work in the Administration Building, Talmer Building & 16<sup>th</sup> Circuit Court shall start immediately upon award of work (anticipated end of November 2023, with completion of work by March 10, 2024).

1.03 SCHEDULE:

- A. After award of contract the schedule will be finalized with the successful bidder and the Macomb County Facilities and Operations Dept.
- B. Asbestos may be present and if found will be abated by the Owner. There will be no extra costs allowed due to the time required by the Owner for abatement.

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

C. The Macomb County Administration Building, Talmer Building and 16<sup>th</sup> Circuit Court will remain in operation during the construction period. Schedule and work operations must be coordinated with the Macomb County Facilities and Operations Dept.

PARTS 2 & 3 - PRODUCT AND EXECUTION

Not applicable

END OF SECTION 01010

SECTION 01041 - PROJECT COORDINATION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

- A. Attention is directed to Division 0, Bidding and Contract Requirements, and to other Sections of Division 1, General Requirements, which are hereby made a part of this Section.

1.02 DESCRIPTION:

- A. Contractor shall provide the services of a full time Project Coordinator for the duration of the construction work.
  - 1. Employ someone with not less than (5) five years experience performing coordination work on projects of similar size and scope.
  - 2. Submit name and qualifications to Architect.
- B. Provide additional administrative and supervisory personnel as required for the performance of the work including coordination of the various subcontractors.
- C. Related Requirements Specified in Other Sections:
  - 1. Summary of Work: Section 01010.

1.03 PROJECT COORDINATOR'S DUTIES:

- A. Coordinate the work of the various subcontractors:
  - 1. For temporary utilities.
  - 2. With the work of trades specified in Division 2 through 8.
- B. Coordinate the schedules of subcontractors.
  - 1. Verify timely deliveries of products for installation by other trades.
  - 2. Verify that labor and materials are adequate to maintain schedules.

C. Maintain conferences among subcontractors and other concerned parties, as necessary to:

1. Maintain coordination and schedules.
2. Resolve matters in dispute.

D. Participate in project meetings:

1. Report progress of work.
2. Recommend needed changes in schedule.

E. Temporary Utilities:

1. Coordinate installation, operation and maintenance, to verify compliance with project requirements and with Contract Documents.
2. Verify adequacy of service at required locations.

F. Shop Drawings, Product Data and Samples:

1. Prior to submittal, review for compliance with Contract Documents.
  - a. Check field dimensions and clearance dimensions.
  - b. Check relation to available space.
  - c. Review the effect of any changes on the work of other contracts or trades.
  - d. Check compatibility with equipment and work of other trades.

G. Coordination Drawings:

1. Prepare, as required to assure coordination of work or to resolve conflicts.
2. Submit for review and transmittal.
3. Reproduce and distribute approved copies to all concerned parties.

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H. Observe required testing; maintain a record of tests:

1. Testing agency and name of inspector.
2. Subcontractor.
3. Manufacturer's representative present.
4. Date and time of testing.
5. Type of product or work.
6. Type of test and results.
7. Retesting required.

I. Verify that subcontractors maintain accurate record documents.

J. Substitutions and Changes:

1. Review proposals and requests.
  - a. Check for compliance with Contract Documents.
  - b. Verify compatibility with work and equipment of other trades.
2. Promptly report deficiencies or discrepancies to contractor.

K. Assemble documentation for handling of claims or disputes.

L. Inspection and Acceptance of Work:

1. Prior to inspection, check that work is complete and ready for acceptance
2. Assist Inspector: Prepare list of items to be completed or corrected.
3. Should acceptance of work constitute the beginning of the specified guarantee period, prepare and transmit written notice to Contractor for the Owner.

N. Assemble record documents from subcontractors.

END OF SECTION 01041

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SECTION 01045 - CUTTING AND PATCHING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and other Division-1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements for cutting and patching.
- B. Refer to other Sections for specific requirements and limitations applicable to cutting and patching individual parts of the Work.
- C. Demolition of selected portions of the building for alterations is included in Section "Selective Demolition."

1.3 SUBMITTALS

- A. Cutting and Patching Proposal: Where approval of procedures for cutting and patching is required before proceeding, submit a proposal describing procedures well in advance of the time cutting and patching will be performed and request approval to proceed. Include the following information, as applicable, in the proposal:
  - 1. Describe the extent of cutting and patching required and how it is to be performed; indicate why it cannot be avoided.
  - 2. Describe anticipated results in terms of changes to existing construction; include changes to structural elements and operating components as well as changes in the building's appearance and other significant visual elements.
  - 3. List products to be used and firms or entities that will perform Work.
  - 4. Indicate dates when cutting and patching is to be performed.
  - 5. List utilities that will be disturbed or affected, including those that will be relocated and those that will be temporarily out-of-service. Indicate how long service will be disrupted.

6. Where cutting and patching involves addition of reinforcement to structural elements, submit details and engineering calculations to show how reinforcement is integrated with the original structure.
7. Approval by the Architect to proceed with cutting and patching does not waive the Architect's right to later require complete removal and replacement of a part of the Work found to be unsatisfactory.

#### 1.4QUALITY ASSURANCE

- A. Requirements for Structural Work: Do not cut and patch structural elements in a manner that would reduce their load-carrying capacity or load-deflection ratio.
- B. Operational and Safety Limitations: Do not cut and patch operating elements or safety related components in a manner that would result in reducing their capacity to perform as intended, or result in increased maintenance, or decreased operational life or safety.
- C. Visual Requirements: Do not cut and patch construction exposed on the exterior or in occupied spaces, in a manner that would, in the Architect's opinion, reduce the building's aesthetic qualities, or result in visual evidence of cutting and patching. Remove and replace Work cut and patched in a visually unsatisfactory manner.

#### PART 2 - PRODUCTS

##### 2.1MATERIALS

- A. Use materials that are identical to existing materials. If identical materials are not available or cannot be used where exposed surfaces are involved, use materials that match existing adjacent surfaces to the fullest extent possible with regard to visual effect. Use materials whose installed performance will equal or surpass that of existing materials.

#### PART 3 - EXECUTION

##### 3.1INSPECTION

- A. Before cutting existing surfaces, examine surfaces to be cut and patched and conditions under which cutting and patching is to be performed. Take corrective action before proceeding, if unsafe or unsatisfactory conditions are encountered.

1. Before proceeding, meet at the site with parties involved in cutting and patching, including mechanical and electrical trades. Review areas of potential interference and conflict. Coordinate procedures and resolve potential conflicts before proceeding.

### 3.2 PREPARATION

- A. Temporary Support: Provide temporary support of Work to be cut.
- B. Protection: Protect existing construction during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of the Project that might be exposed during cutting and patching operations.
- C. Avoid interference with use of adjoining areas or interruption of free passage to adjoining areas.
- D. Take all precautions necessary to avoid cutting existing pipe, conduit or ductwork serving the building, but scheduled to be removed or relocated until provisions have been made to bypass them.

### 3.3 PERFORMANCE

- A. General: Employ skilled workmen to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time and complete without delay.
  1. Cut existing construction to provide for installation of other components or performance of other construction activities and the subsequent fitting and patching required to restore surfaces to their original condition.
- B. Cutting: Cut existing construction using methods least likely to damage elements to be retained or adjoining construction. Where possible review proposed procedures with the original installer; comply with the original installer's recommendations.
  1. In general, where cutting is required use hand or small power tools designed for sawing or grinding, not hammering and chopping. Cut holes and slots neatly to size required with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
  2. To avoid marring existing finished surfaces, cut or



drill from the exposed or finished side into concealed surfaces.

3. Cut through concrete and masonry using a cutting machine such as a carborundum saw or diamond core drill.
4. Comply with requirements of applicable Sections of Division-2 where cutting and patching requires excavating and backfilling.
5. By-pass utility services such as pipe or conduit, before cutting, where services are shown or required to be removed, relocated or abandoned. Cut-off pipe or conduit in walls or partitions to be removed. Cap, valve or plug and seal the remaining portion of pipe or conduit to prevent entrance of moisture or other foreign matter after by-passing and cutting.

C. Patching: Patch with durable seams that are as invisible as possible. Comply with specified tolerances.

1. Where feasible, inspect and test patched areas to demonstrate integrity of the installation.
2. Restore exposed finishes of patched areas and extend finish restoration into retained adjoining construction in a manner that will eliminate evidence of patching and refinishing.
3. Where removal of walls or partitions extends one finished area into another, patch and repair floor and wall surfaces in the new space to provide an even surface of uniform color and appearance. Remove existing floor and wall coverings and replace with new materials, if necessary to achieve uniform color and appearance.
  - a. Where patching occurs in a smooth painted surface, extend final paint coat over entire unbroken containing the patch, after the patched area has received primer and second coat.
4. Patch, repair or rehang existing ceilings as necessary to provide an even plane surface of uniform appearance.

### 3.4 CLEANING

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- A. Thoroughly clean areas and spaces where cutting and patching is performed or used as access. Remove completely paint, mortar, oils, putty and items of similar nature. Thoroughly clean piping, conduit and similar features before painting or other finishing is applied. Restore damaged pipe covering to its original condition.

END OF SECTION 01045

SECTION 01090 - REFERENCE STANDARDS

PART 1 - GENERAL

1.01 SECTION INCLUDES:

- A. Quality assurance.
- B. Schedule of references.

1.02 QUALITY ASSURANCE:

- A. For products or workmanship specified by association, trade, or Federal Standards, comply with requirements of the standard, except when more rigid requirements are specified or are required by applicable codes.
- B. Conform to reference standard by date of issue current on date for receiving bids.
- C. Obtain copies of standards when required by Contract Documents.
- D. Maintain copy at job site during submittals, planning, and progress of the specific work, until Substantial Completion.
- E. Should specified reference standards conflict with Contract Documents, request clarification from Architect/Engineer before proceeding.
- F. The contractual relationship of the parties to the Contract shall not be altered from the Contract Documents by mention or inference otherwise in any reference document.

1.04 SCHEDULE OF REFERENCE:

- AA Aluminum Association  
900 19<sup>th</sup> Street, N.W. - Suite 300  
Washington, DC 20006
- AABC Associated Air Balance Council  
1518 K Street N.W.  
Washington, DC 20005
- AASHTO American Association of State Highway  
and Transportation Officials  
444 North Capitol Street, N.W. - Suite 249  
Washington, DC 20001

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ACI American Concrete Institute  
P.O. Box 9094  
Farmington Hills, MI 48333-9094

ADC Air Diffusion Council  
1901 N. Roselle Rd., Suite 800  
Schaumburg, IL 60195

AF&PA American Forest & Paper Association  
1111 19<sup>th</sup> Street, NW, Suite 800  
Washington, DC 20036

AGC Associated General Contractors of America  
2300 Wilson Blvd., Suite 400  
Arlington, VA 22201

AI Asphalt Institute  
2696 Research Park Drive  
Lexington, KY 40511-8480

AIA American Institute of Architects  
1735 New York Avenue, N.W.  
Washington, DC 20006-5292

AISC American Institute of Steel Construction  
One East Wacker Drive  
Suite 3100  
Chicago, IL 60601-2001

AISI American Iron and Steel Institute  
1140 Connecticut Ave - Suite 705  
Washington, DC 20036

AITC American Institute of Timber Construction  
7012 S. Revere Parkway - Suite 140  
Englewood, CO 80112

AMCA Air Movement and Control Association  
30 West University Drive  
Arlington Heights, IL 60004

ANSI American National Standards Institute  
25 West 43<sup>rd</sup> Street, Fourth Floor  
New York, NY 10036

APA American Plywood Association  
Box 11700  
Tacoma, WA 98411-0700

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ARI Air Conditioning and Refrigeration Institute  
4100 North Fairfax Drive - Suite 200  
Arlington, VA 22203

ASHRAE American Society of Heating, Refrigeration and  
Air Conditioning Engineers  
1791 Tullie Circle, N.E.  
Atlanta, GA 30329

ASME American Society of Mechanical Engineers  
Three Park Avenue  
New York, NY 10016-5990

ASTM American Society for Testing and Materials  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

AWI Architectural Woodwork Institute  
46179 Westlake Drive, Suite 120  
Potomac Falls, VA 20165

AWPA American Wood-Preservers' Association  
P.O. Box 5690  
Grandbury, TX 76049

AWS American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126

AWWA American Water Works Association  
6666 West Quincy Avenue  
Denver, CO 80235

BIA Brick Institute of America  
1350 Centennial Park Drive, Suite 301  
Reston, VA 20191

CDA Copper Development Association  
260 Madison Avenue - 16th Floor  
New York, NY 10016

CLFMI Chain Link Fence Manufacturers Institute  
10015 Old Columbia Road, Suite B-215  
Columbia, MD 21046

CRSI Concrete Reinforcing Steel Institute  
933 Plum Grove Road  
Schaumburg, IL 60173-4758

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CSSB Cedar Shake and Shingle Bureau  
P.O. Box 1178  
Sumas, WA 98295-1178

DHI Door and Hardware Institute  
14150 Newbrook Drive, Suite 200  
Chantilly, VA 20151

EJCDC Engineers' Joint Contract Documents Committee  
American Council of Engineering Companies  
1015 15th Street, N.W., 8<sup>th</sup> Floor  
Washington, DC 20005

EJMA Expansion Joint Manufacturers Association  
25 North Broadway  
Tarrytown, NY 10591

FGMA Flat Glass Marketing Association  
3310 Harrison  
White Lakes Professional Building  
Topeka, KS 66611

FM Factory Mutual System  
Standards Laboratories Department  
1151 Boston-Providence Turnpike  
Norwood, MA 02062

FS Federal Specification  
General Services Administration  
Specifications and Consumer Information  
Distribution Section (WFSIS)  
1800 F Street, NW  
Washington, DC 20405

GA Gypsum Association  
810 First Street N.W. #510  
Washington, DC 20002-4268

ICC International Code Council  
5203 Leesburg Pike, Suite 600  
Falls Church, VA 22041

IEEE Institute of Electrical and Electronics Engineers  
345 East 47th Street  
New York, NY 10017

IMIAC International Masonry Industry All-Weather Council  
International Masonry Institute  
815 15th Street, N.W.  
Washington, DC 20005

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MBMA Metal Building Manufacturer's Association  
1300 Sumner Avenue  
Cleveland, OH 44115-2351

MFMA Maple Flooring Manufacturers Association  
60 Revere Drive  
Northbrook, IL 60062

MIL Military Specification  
Naval Publications and Forms Center  
700 Robbins Avenue, Building 4, Section D  
Philadelphia, PA 19111-5093

ML/SFA Metal Lath/Steel Framing Association  
Division of National Association of Architectural Metal  
Manufacturers (NAAMM MLIFSA)  
600 South Federal Street, Suite 400  
Chicago, IL 60605

NAAMM National Association of Architectural Metal  
Manufacturers  
800 Roosevelt Road, Building C, Suite 312  
Glen Ellyn, IL 60137

NCMA National Concrete Masonry Association  
2302 Horse Pen Road  
Herndon, VA 22071-3499

NEBB National Environmental Balancing Bureau  
8575 Grovement Circle  
Gaithersburg, MD 20877

NEMA National Electrical Manufacturers' Association  
1300 North 17<sup>th</sup> Street, Suite 1752  
Rosslyn, VA 22209

NFPA National Fire Protection Association  
#1 Battery March Park  
Quincy, MA 02269-9101

NSWMA National Solid Wastes Management Association  
4301 Connecticut Avenue, N.W., Suite 300  
Washington, DC 20008-2304

NTMA National Terrazzo and Mosaic Association  
201 North Maple, Suite 208  
Purcellville, VA 20132

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PCA Portland Cement Association  
5420 Old Orchard Road  
Skokie, IL 60077

PCI Precast Prestressed Concrete Institute  
175 W. Jackson Blvd.-Suite 1859  
Chicago, IL 60604-9773

PS Product Standard  
U.S. Department of Commerce  
1401 Constitution Avenue, N.W.  
Washington, DC 20230

RIS Redwood Inspection Service  
Division of California Redwood Association)  
405 Enfrente Drive  
Novato, CA 94949

SDI Steel Deck Institute  
P.O. Box 25  
Fox River Grove, IL 60021

SDI Steel Door Institute  
c/o Wherry Associates  
30200 Detroit Road  
Cleveland, OH 44145-1967

SIGMA Sealed Insulating Glass Manufacturers Association  
401 N. Michigan Avenue  
Chicago, IL 60611

SJI Steel Joist Institute  
3127 10<sup>th</sup> Avenue North  
Myrtle Beach, SC 29577-6760

SMACNA Sheet Metal and Air Conditioning Contractors'  
National Association  
4201 Lafayette Center Drive  
Chantilly, VA 20151-1209

SSPC Society for Protective Coatings  
40 24<sup>th</sup> Street, 6<sup>th</sup> Floor  
Pittsburgh, PA 15222-4656

TCNA Tile Council of North America, Inc.  
100 Clemson Research Blvd.  
Anderson, SC 29625



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TPI Turfgrass Producers International  
2 East Main Street  
East Dundee, IL 60118

UL Underwriters' Laboratories, Inc.  
333 Pfingston Road  
Northbrook, IL 60062-2096

WCLIB West Coast Lumber Inspection Bureau  
6980 S.W. Varns Road  
Tigard, OR 97223

WDMA Window & Door Manufacturers Associations  
1400 W. Touhy Avenue, Suite 470  
Des Plaines, IL 60018

WWPA Western Wood Products Association  
522 SW Fifth Avenue, Suite 500  
Portland, OR 97204-2122

PART 2 - PRODUCTS

Not Used

PART 3 - EXECUTION

Not Used

END OF SECTION 01090

SECTION 01200 - PROJECT MEETINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Contract, including General and Supplementary Conditions and other Division-1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements for project meetings including but not limited to:
  - 1. Pre-Construction Conference.
  - 2. Pre-Installation Conferences.
  - 3. Coordination Meetings.
  - 4. Progress Meetings.
- B. Construction schedules are specified in Specification Section 01310 "Construction Schedules".

1.3 PRE-CONSTRUCTION CONFERENCE

- A. Schedule a pre-construction conference and organizational meeting at the Project site or other convenient location no later than (14) calendar days after execution of the Agreement and prior to commencement of construction activities. Conduct the meeting to review responsibilities and personnel assignments.
- B. Attendees: The Owner, Architect and their consultants, the Contractor and its superintendent, major subcontractors, manufacturers, suppliers and other concerned parties shall each be represented at the conference by persons familiar with and authorized to conclude matters relating to the work.
- C. Agenda: Discuss items of significance that could affect progress including such topics as:
  - 1. Tentative construction schedule.
  - 2. Critical work sequencing.
  - 3. Designation of responsible personnel.
  - 4. Procedures for processing field decisions and Change Orders.
  - 5. Procedures for processing Applications for Payment.
  - 6. Distribution of Contract Documents.

7. Submittal of Shop Drawings, Product Data and Samples.
8. Preparation of record documents.
9. Use of the premises.
10. Office, Work and storage areas.
11. Equipment deliveries and priorities.
12. Safety procedures.
13. First aid.
14. Security.
15. Housekeeping.
16. Working hours.

1.4 PRE-INSTALLATION CONFERENCES

- A. Conduct a pre-installation conference at the site before each construction activity that requires coordination with other construction and/or work by separate contract by Owner. The Installer and representatives of manufacturers and fabricators involved in or affected by the installation, and its coordination or integration with other materials and installations that have preceded or will follow, shall attend the meeting. Advise the Architect and Owner of scheduled meeting dates.

1. Review the progress of other construction activities and preparations for the particular activity under consideration at each pre-installation conference, including requirements for:

- a. Contract Documents.
- b. Options.
- c. Related Change Orders.
- d. Purchases
- e. Deliveries.
- f. Shop Drawings, Product Data and quality control Samples.
- g. Possible conflicts.
- h. Compatibility problems.
- i. Time schedules.
- j. Weather limitations.
- k. Manufacturer's recommendations.
- l. Compatibility of materials.
- m. Acceptability of substrates.
- n. Temporary facilities.
- o. Space and access limitations.
- p. Governing regulations.
- q. Safety.
- r. Inspection and testing requirements.
- s. Required performance results.
- t. Recording requirements.
- u. Protection.

2. Record significant discussions and agreements and disagreements of each conference, along with the approved schedule. Distribute the record of the meeting to everyone concerned, promptly, including the Owner and Architect.
3. Do not proceed if the conference cannot be successfully concluded. Initiate whatever actions are necessary to resolve impediments to performance of Work and reconvene the conference at the earliest feasible date.

#### 1.5 COORDINATION MEETINGS

- A. Conduct Project coordination meetings at regularly scheduled times convenient for all parties involved. Project coordination meetings are in addition to specific meetings held for other purposes, such as regular progress meetings and special pre-installation meetings.
- B. Request representation at each meeting by every party currently involved in coordination or planning for the construction activities involved.
- C. Record meeting results and distribute copies to everyone in attendance and to others affected by decisions or actions resulting from each meeting.

#### 1.6 PROGRESS MEETINGS

- A. Conduct progress meetings at the Project site at regularly scheduled intervals. Notify the Owner and Architect of scheduled meeting dates. Coordinate dates of meetings with preparation of the payment request.
- B. Attendees: In addition to representatives of the Owner and Architect, each subcontractor, supplier or other entity concerned with current progress or involved in planning, coordination or performance of future activities shall be represented at these meetings by persons familiar with the Project and authorized to conclude matters relating to progress.
- C. Agenda: Review and correct or approve minutes of the previous progress meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to the current status of the Project.

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1. Contractor's Construction Schedule: Review progress since the last meeting. Determine where each activity is in relation to the Contractor's Construction Schedule, whether on time or ahead or behind schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
  2. Review the present and future needs of each entity present, including such items as:
    - a. Interface requirements.
    - b. Time.
    - c. Sequences.
    - d. Deliveries.
    - e. Off-site fabrication problems.
    - f. Access.
    - g. Site utilization.
    - h. Temporary facilities and services.
    - i. Hours of Work.
    - j. Hazards and risks.
    - k. Housekeeping.
    - l. Quality and Work standards.
    - m. Change Orders.
    - n. Documentation of information for payment requests.
- D. Reporting: No later than (3) three days after each progress meeting date, distribute copies of minutes of the meeting to each party present and to other parties who should have been present. Include a brief summary, in narrative form, of progress since the previous meeting and report.
1. Schedule Updating: Revise the construction schedule after each progress meeting where revisions to the schedule have been made or recognized. Issue the revised schedule concurrently with the report of each meeting.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01200

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SECTION 01310 - CONSTRUCTION SCHEDULES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

- A. Attention is directed to Division 0, Bidding and Contract Requirements, and to other Sections of Division 1, General Requirements, which are hereby made a part of this Section.

1.02 DESCRIPTION OF REQUIREMENTS:

- A. General: This section specifies the particular administrative and procedural requirements for progress time scheduling and progress reporting for the performance of the work, as indicated in the General Conditions and elsewhere in the Contract Documents. Refer also to the General Conditions and to the "Contractor" for definition and specific dates of the Contract Time.
- B. Scheduling Responsibility: Submission of Contractor's progress schedule to the Owner or Architect shall not relieve the Contractor of his total responsibility for the requirements of the Contract Documents, including adverse effects such as delays resulting from ill-timed work; refer to General Conditions.

1.03 FORM OF SCHEDULES:

- A. Contractor shall prepare a "Plan of Operations and Progress Schedule" which shall show concisely the manner in which different phases of the work are to be started, methods and speed for the inter-relationship of the work under the various contracts, times upon which different phases of the work are to be started, methods and speed for progressing the different phases and dates upon which the certain subcontractors are dependent upon that under other subcontracts.
- B. The plan of operations and progress schedule shall be "weighed" to schedule each trade in proportion to the entire project, both physically and financially.
- C. In preparing the above plan of operations and progress schedule, the Contractor shall assure that the methods, dates and other pertinent matters are acceptable to the Architect and, when completed, he shall submit to and obtain approval from the Architect and Owner.

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- D. After approval of the above plan of operations and progress schedule, the Contractor shall be responsible for seeing that it is adhered to and for ascertaining that proper coordination is maintained between work of all Contracts.

1.04 PROGRESS REVISIONS:

- A. Indicate progress of each activity to date of submission.
- B. Show changes occurring since previous submission of schedule:
  1. Major changes in scope.
  2. Activities modified since previous submission.
  3. Revised projections of progress and completion.
  4. Other identifiable changes.
- C. Provide a narrative report as needed to define:
  1. Problem areas, anticipated delays, and the impact on the schedule.
  2. Corrective action recommended and its effect.
  3. The effect of changes on schedules of other contractors.

1.05 SUBMISSIONS:

- A. Submit initial schedules within (14) fourteen calendar days after award of Contract.
  1. Architect and Owner will review schedules and return review copy within (10) ten calendar days after receipt.
  2. Resubmit within (10) ten calendar days after return of review copy.
- B. Submit a revised and updated progress schedule and narratives with each application for payment, but not less than once a month until project is complete.

1.06 DISTRIBUTION:

- A. Distribute copies of the reviewed schedules and narratives to:
  - 1. Job site file.
  - 2. Subcontractors.
  - 3. Other concerned parties.
- B. Instruct recipients to report promptly to the Contractor, in writing, any problems anticipated by the projections shown in the schedules.

1.07 DAILY REPORTS:

- A. Contractor shall prepare a daily report, recording the following information concerning events at the site and submit duplicate copies to the Architect and Owner at regular intervals not exceeding weekly intervals.
  - 1. List of subcontractors at the site.
  - 2. List of separate contractors at the site.
  - 3. Count of personnel at the site.
  - 4. High/low temperatures, general weather conditions.
  - 5. Accidents (refer to accident reports).
  - 6. Meetings and significant decisions.
  - 7. Unusual events.
  - 8. Stoppages, delays, shortages, losses.
  - 9. Emergency procedures, field orders.
  - 10. Orders/requests by governing authorities.
  - 11. Change orders received, implemented.

PART 2 and 3 - PRODUCTS AND EXECUTION - Not Applicable

END OF SECTION 01310



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SECTION 01340 - SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

- A. Attention is directed to Division 0, Bidding and Contract Requirements, and to other Sections of Division 1, General Requirements, which are hereby made a part of this Section.

1.02 DESCRIPTION:

- A. Submit shop drawings, product data and samples as required by the Contract Documents. Individual submittal requirements are specified in applicable sections for each unit of work. Receive, check and coordinate all submittals of contractors as provided herein.

- B. Definitions:

- 1. Shop Drawings are drawings, diagrams, schedules and other data specifically prepared for the Work by the Contractor or any subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.
- 2. Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Contractor to illustrate a material, product or system for some portion of the Work.
- 3. Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the work will be judged.

1.03 SUBMITTAL REQUIREMENTS:

- A. Coordinate preparation and processing of submittals with performance of the work so that work will not be delayed by submittals. Coordinate and sequence different categories of submittals for the same work, and for interfacing units of work, so that one will not be delayed for coordination with another. No extension of time will be allowed because of failure to properly coordinate and sequence submittals.

- B. Submit PDF of each shop drawing, including fabrication, erection, layout and setting drawings and such other drawings as required under various sections of the Specifications, until final acceptance is obtained. Prepare drawings legible, drawing plans, elevations, sections and details in scales required and on drawing sheets not larger than 30" x 42" nor smaller than 8½" x 11". Submit copies of manufacturer's descriptive data including catalog sheets for materials, equipment and fixtures, showing dimensions, performance characteristics and capacities, wiring diagrams and controls, schedules, and other pertinent information as required. Where printed materials describe more than one product or model, clearly identify which is to be furnished.
- C. Shop drawings, product data and samples shall be dated including Contractor and Subcontractor dates of submittal and approval, and marked to show the names of the Project, Architect, Contractor, origination Subcontractor, manufacturer or supplier, and separate detailer if pertinent. Shop drawings shall completely identify Specification section and locations at which materials or equipment are to be installed. Reproductions of Contract Drawings are acceptable as Shop Drawings only when specifically authorized in writing by the Architect.
- D. Submission of shop drawings, product data and samples shall be accompanied by a copy of a transmittal letter containing Project name, Contractor's name, number of drawings, and samples, titles and other pertinent data. Transmittal shall bear signature of the Contractor as evidence he checked same and found them in conformance with the Contract Documents.
- E. The Contractor shall review, approve and submit, with reasonable promptness and in such sequence as to cause no delay in the Work or in the work of the Owner or any separate contractor, all Shop Drawings, Product Data and Samples required by the Contract Documents.
- F. By approving and submitting Shop Drawings, Product Data and Samples, the contractor represents that he has determined and verified all materials, field measurements, and field construction criteria related thereto, or will do so, and that he has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.

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- G. The Contractor shall not be relieved of responsibility for the deviation from the requirements of the Contract Documents by the Architect's acceptance of Shop Drawings, Product Data or Samples under Paragraph 13.12 of the 2017 edition of AIA A201 General Conditions, unless the Contractor has specifically informed the Architect in writing of such deviation at the time of sub-deviation. The Contractor shall not be relieved from responsibility for errors or omissions in the Shop Drawings, Product Data or Samples by the Architect's acceptance thereof.
- H. The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data or Samples, to revisions other than those requested by the Architect on previous submittals.
- I. No portion of the Work requiring submission of a Shop Drawing, Product Data or Sample shall be commenced until the submittal has been accepted by the Architect as provided in Paragraph 13.12 of the 2017 edition of AIA A201 General Conditions. All such portions of the Work shall be in accordance with approved submittals.
- J. Architect will review Shop Drawings, Product Data and Samples as provided in Paragraph 13.12 of the 2017 edition of AIA A201 General Conditions. He will mark each such submittal as follows:
1. Accepted - Where no comment made.
  2. Accepted as Noted - Where comments indicated on submittal qualifying, modifying, or otherwise changing it; however, submittal can be used for ordering, fabrication and erection at contractor's own risk until revised submittals have been made, reviewed and stamped acceptable.
  3. Not Accepted - Submittal not in conformance; revise and resubmit. Acceptance does not authorize any changes in the Contract Documents unless specifically stated in a separate letter or change order.
- K. Contractor is responsible for obtaining and distributing required prints of shop drawings to his subcontractors and material suppliers; after as well as before final approval. Prints of reviewed shop drawings shall be made from transparencies which carry the Architect's appropriate stamp.

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- L. Obtain copies of all shop drawings, product data and samples submitted to date and accepted from other contractors.

PARTS 2 and 3 - PRODUCT AND EXECUTION

Not applicable.

END OF SECTION 01340

SECTION 01370 - SCHEDULE OF VALUES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

- A. Requirements, and to other Sections of Division 1, General Requirements, which are hereby made a part of this Section.

1.02 DESCRIPTION OF WORK:

- A. Submit to the Architect a Schedule of Values allocated to the various portions of the work, within (10) ten calendar days after award of contract.
- B. Upon request of the Architect, support the values with data which will substantiate their correctness.
- C. The Schedule of Values, unless objected to by the Architect or Owner, shall be used only as the basis for the Contractor's Applications for Payment.

1.03 FORM AND CONTENT OF SCHEDULE OF VALUES:

- A. Use AIA Forms G702 and G702A or forms provided by Owner.
- B. Schedule shall list the installed value of the component parts of the work in sufficient detail to serve as a basis for computing values for progress payments during construction.
- C. Follow the table of contents of Sections as the format for listing component items.
  - 1. Identify each line item with the number and title of the respective major section of the specifications.
- D. For each major line item list sub-values of major products or operations under the item.
  - 1. Each item shall include a directly proportional amount of the Contractor's overhead and profit.
- E. The sum of all values listed in the schedules shall equal the total Contract Sum.

PARTS 2 AND 3 - PRODUCTS AND EXECUTION - Not Applicable

END OF SECTION 01370

SECTION 01400 - QUALITY CONTROL

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

- A. Attention is directed to Division 0, Bidding and Contract Requirements, and to Division 1, General Requirements, which are hereby made a part of this Section.

1.02 DESCRIPTION:

- A. Specific quality control requirements for the work are indicated throughout the contract documents. The term "Quality Control" includes, but is not necessarily limited to, inspection and testing and associated requirements. This section does not specify or modify Architect's duties relating to quality control and Contract enforcement.
- B. Coordinate quality control programs of separate contractors including submittals, conferences and on site programs.

1.03 RESPONSIBILITY:

- A. Residual Contractor Responsibility: Whatever required, inspection, testing and similar quality control provisions to be performed by independent agencies (not directly by the Contractor), and not indicated to be Owner's responsibility, shall be the Contractor's responsibility. The costs for those required services by independent testing laboratories are recognized to be included in Contract Sum.
- B. Contractor's General Responsibility: No failure of test agencies, whether engaged by Owner or Contractor, to perform adequate inspections or tests or to properly analyze or report results, shall relieve Contractor of responsibility for fulfillment of requirements of contract documents. It is recognized that required inspection and testing program is intended to assist the Contractor, Owner, Architect, and governing authorities in nominal determination of probable compliances with requirements for certain elements of work. The program is not intended to limit the Contractor's regular quality control program, as needed for general assurance of compliances.

1.04 QUALITY ASSURANCE:

- A. General Workmanship Standards: Comply with recognized workmanship quality standards within the industry as applicable to each unit of work, including ANSI standards where applicable. It is a requirement that each category of trades person or installer performing the work be prequalified, to the extent of being familiar with applicable and recognized quality standards for that category of work, and being capable of workmanship complying with those standards.
- B. Qualification of Quality Control Agencies: Except where another qualification standard is indicated, and except where it is specifically indicated that use of prime product manufacturer's test facilities is acceptable, engage independent testing laboratories complying with "Recommended Requirements for Independent Laboratory Qualifications" as published by American Council of Independent Laboratories, and specializing in type(s) of inspections and tests required.

1.05 SUBMITTALS:

- A. General: Refer to Section 01340, "Shop Drawings, Product Data and Samples" for requirements applicable to inspection and test reports, quality control samples, maintenance agreements, warranties, and similar documentation of quality compliances as required. Refer to individual work sections of Division 2 through 8 for specific certification and submittal requirements.
- B. Copies and Distribution: Where inspection and test reports and certifications are required by governing authorities, provide additional copies as required, and where required, send copies directly from inspection or testing agency to governing authority.

1.06 PRODUCT DELIVERY, STORAGE, AND HANDLING:

- A. General: Handle, store and protect materials and products, including fabricated components, by methods and means which will prevent damage, deterioration and losses including theft (and resulting delays), thereby ensuring highest quality results as performance of the work progresses. Control delivery schedules so as to minimize unnecessary long-term storage at project site prior to installation.

PART 2 - PRODUCTS

Not applicable.

PART 3 - EXECUTION:

3.01 PREPARATION FOR INSTALLATION:

- A. Pre-Installation Conferences: Well in advance of installation of every major unit of work which requires coordination with other work, meet at the project site with installers and representatives of manufacturers and fabricators who are involved in or affected by the unit of work, and in its coordination or integration with other work which has proceeded or will follow. Advise Architect and Owner of scheduled meeting dates. At each meeting, review progress of other work and preparations for particular work under consideration, including requirements of contract documents, options, related change orders, purchases, deliveries, shop drawings, product data, quality control samples, possible conflicts, compatibility problems, time schedule, weather limitations, temporary facilities, space and access limitations, structural limitations, governing regulations, safety, inspection and testing requirements required performance results, recording requirements, and protection. Record significant discussions of each conference, and agreements and disagreements along with final plan of action. Distribute record of meeting promptly to everyone concerned, including Architect and Owner.
1. Do not proceed with the work if associated pre-installation conference cannot be concluded successfully. Instigate actions to resolve impediments to performance of the work, and reconvene conference at earliest date feasible.
- B. Installer's Inspection of Conditions: Require Installer of each major unit of work to inspect substrate to receive the work, and conditions under which the work will be performed, and to report (in writing to the Contractor) unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Installer.



3.02 COORDINATION OF TEST AGENCY WORK:

- A. Coordination with Owner's Agencies: Afford access and reasonable time in construction sequence for Owner's inspection and tests to be performed. Cooperate with agencies and provide incidental labor and services needed for the removal and delivery of test samples, and for inspections and taking measurements. Provide patching and restoration services where test samples have been removed, complying with individual technical sections of Divisions 2 through 8.
  - 1. Except for specialized laboratory sampling equipment, and except as otherwise indicated, supply and operate tools and construction equipment needed to obtain test samples from the work, including cutting devices for sawing, drilling, flame-cutting, coring and similar operations. Assist agencies in labeling and packing of test samples removed from the work.
  
- B. Coordination with Contractor's Independent Agencies: Except for required independent agency activities of inspection, measuring, testing, analyzing, reporting and similar activities, the assignment of labor, equipment, cutting, Patching and similar necessary activities associated therewith are Contractor's option recognizing that entire activity is Contractor's responsibility.
  
- C. Test Agency Responsibilities:
  - 1. Test agencies, regardless of whether engaged by Owner or Contractor, are not authorized to change or negate requirements of Contract Documents. Each agency shall coordinate its assigned work with construction schedule as maintained by Contractor, and shall perform its work promptly so as not to delay the work. Observances (by agencies) having a bearing on the work shall be reported to Architect in most expeditious way possible, and shall be recorded in writing by agency. Agency personnel shall not interfere with or assume duties of Contractor.
  
  - 2. Reports: The testing agency shall prepare reports of inspections and laboratory tests, including analysis and interpretation of test results where applicable. Properly identify each report and, where required, provide agency's certification of test results. Describe test methods used, and compliance with recognized test standards (if any). Complete and submit report at earliest possible date in each case.

3.03 INSTALLATION QUALITY CONTROL:

- A. Manufacturer's Instructions: Where installations include manufactured products, comply with manufacturer's applicable instructions and recommendations for installation, to whatever extent these are more explicit or more stringent than applicable requirements indicate in contract documents.
- B. Inspect each item of materials or equipment, immediately prior to installation, and reject damaged and defective items.
- C. Provide attachment and connection devices and methods for securing work properly as it is installed; true to line and level, and within recognized industry tolerances, if not otherwise indicated. Allow for expansions and building movements. Provide uniform joint widths in exposed work, organized for best possible visual effect. Refer questionable visual effect choices to Architect for final decision.
- D. Recheck measurements and dimensions of the work, as an integral step of starting each installation.
- E. Install work during conditions of temperature, humidity, exposed, forecasted weather, and status of project completion which will ensure best possible results for each unit of work, in coordination with entire work. Isolate each unit of work from non-compatible work, as required to prevent deterioration.
- F. Coordinate enclosure (closing-in) of work with required inspections and tests, so as to avoid necessity of uncovering work for that purpose.
- G. Mounting Heights: Except as otherwise indicated, mount individual units of work at industry-recognized standard mounting heights, for applications indicated. Refer questionable mounting height choices to Architect for final decision.
- H. Adjust, clean, lubricate, restore, marred finished, and protect newly installed work, to ensure that it will remain without damage or deterioration during the remainder of construction period.

END OF SECTION 01400

SECTION 01600 - MATERIAL AND EQUIPMENT

PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

- A. Attention is directed to Division O, Bidding and Contract Requirements, and to Division 1, General Requirements, which are hereby made a part of this Section.

1.02 DESCRIPTION:

- A. Material and equipment incorporated into the work:
  - 1. Conform to applicable specifications and standards.
  - 2. Comply with size, make, type and quality specified, or as specifically approved in writing by the architect.
  - 3. Manufactured and Fabricated Products:
    - a. Design, fabricate and assemble in accord with the best engineering and shop practices.
    - b. Manufacture like parts of duplicate units to standard sizes and gages, to be interchangeable.
    - c. Two or more items of the same kind shall be identical, by the same manufacturer.
    - d. Products shall be suitable for service conditions.
    - e. Equipment capacities, sizes and dimensions shown or specified shall be adhered to unless variations are specifically approved in writing.
  - 4. Do not use material or equipment for any purpose other than that for which it is designed or is specified.

1.03 MANUFACTURER'S INSTRUCTIONS:

- A. When Contract Documents require that installation of work shall comply with manufacturer's printed instructions, obtain and distribute copies of such, including three copies to Architect.
  - 1. Maintain one set of complete instructions at the job site during installation and until completion.

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- B. Handle, install, connect, clean, condition and adjust products in strict accord with such instructions and in conformity with specified requirements.
  - 1. Should job conditions or specified requirements conflict with manufacturer's instructions, consult with Architect for further instructions.
  - 2. Do not proceed with work without clear instructions.
- C. Perform work in accord with manufacturer's instructions. Do not omit preparatory step or installation procedure unless specifically modified or exempted by contract documents.

1.04 TRANSPORTATION AND HANDLING:

- A. Arrange deliveries of products in accord with construction schedules, coordinate to avoid conflict with work and conditions at the site.
  - 1. Immediately on delivery, inspect shipments to assure compliance with requirements of contract documents and approved submittals, and that products are properly protected and undamaged.
- B. Provide equipment and personnel to handle products by methods to prevent soiling or damage to products or packaging.

1.05 STORAGE AND PROTECTION:

- A. Store products in accord with manufacturer's instructions, with seals and labels intact and legible.
  - 1. Store products subject to damage by the elements in weather tight enclosures.
  - 2. Maintain temperature and humidity within the ranges required by manufacturer's instructions.
- B. Arrange storage in a manner to provide easy access for inspection. Make periodic inspections of stored products to assure that products are maintained under specified conditions, and free from damage or deterioration.
- C. Preparation After Installation:
  - 1. Provide substantial coverings as necessary to protect installed products from damage from traffic and subsequent construction operations. Remove when no longer needed.

1.06 SUBSTITUTIONS AND PRODUCT OPTIONS:

A. Products List:

1. Within (14) fourteen calendar days after contract date, submit to Architect a complete list of major products proposed to be used, with the name of the manufacturer and the installing subcontractor. Comply with provisions for Contractor's Options and Substitutions.

B. Contractor's Options:

1. For products specified only by reference standard, select any product meeting that standard.
2. For products specified by naming several products or manufacturers, select any one of the products or manufacturers named, which complies with the specifications.
3. For products specified by naming one or more products or manufacturers and "or equal," Contractor must submit a request as for substitutions for any product or manufacturer not specifically named.
4. For products specified by naming only one product and manufacturer, there is no option.

C. Substitutions:

1. For a period of (14) fourteen calendar days after contract date, Architect will consider written requests from Contractor for substitution of products. Utilize Substitution Request Form 1252.
2. Submit a separate request for each product, supported with complete data, with drawings and samples as appropriate, including:
  - a. Comparison of the qualities of the proposed substitution with that specified.
  - b. Changes required in other elements of the work because of the substitution.
  - c. Effect on the construction schedule.
  - d. Cost data comparing the proposed substitution with the product specified.
  - e. Any required license fees or royalties.

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- f. Availability of maintenance service, and source of replacement materials.
3. Architect shall be the judge of the acceptability of the proposed substitution except where a change in cost is involved.

D. Contractor's Representation:

1. A request for a substitution constitutes a representation that Contractor:
  - a. Has investigated the proposed product and determined that it is equal to or superior in all respects to that specified.
  - b. Will provide the same warranties or bonds for the substitution as for the product specified.
  - c. Will coordinate the installation of an accepted substitution into the work, and meet such other changes as may be required to make the work complete in all respects.
  - d. Waives all claims for additional costs, under his responsibility which may subsequently become apparent.

E. Architect will review requests for substitutions with reasonable promptness, and notify Contractor, in writing, of the decision to accept or reject the requested substitution.

PARTS 2 AND 3 PRODUCTS AND EXECUTION

Not applicable.

END OF SECTION 01600

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SECTION 01700 - PROJECT CLOSEOUT

PART ONE - GENERAL

1.01 CLEANING

- A. Prior to Final Acceptance of the entire work, and at such times as directed by the Owner's Representative, the Contractor shall thoroughly clean all exposed surfaces of the building relating to the Work of the Contract.
- B. Prior to such Final Acceptance, all protective coatings shall be removed from finish surfaces, and all glass of the work shall be washed and cleaned.
- C. The Contractor shall be held responsible for all damaged materials, which shall be replaced at completion at no cost to the Owner. Glass, tile, hollow metal, stainless steel and aluminum scratched through carelessness or improper cleaning shall be considered damaged and shall be replaced.

1.02 INSTALLATION AND MAINTENANCE INSTRUCTIONS

- A. The Contractor shall present to the Owner's Representative two (2) duplicate sets and one PDF version on a thumb drive of the manufacturer's installation and maintenance instructions for each and every item furnished or erected.
- B. In each of these, the correct model number and the data for the model number shall be checked off in ink where the literature covers more than one model number.

1.03 ADJUSTMENTS

- A. The complete installation consisting of the several parts and systems and all equipment installed according to the requirements of the Specifications and as shown on the Drawings shall be adjusted as required and ready in all respects for use by the Owner at the time of Final Acceptance of the Work.

END OF SECTION 01700

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SECTION 01800 - GUARANTEE - WARRANTY

PART ONE - GENERAL

1.01 GUARANTEE PERIOD

- A. The General Contractor shall and hereby does guarantee and warrant that all work for this building, under this Contract, shall be free from defects or faulty labor and/or materials for a period of **one (1) year** from the date of Final Acceptance of same, except when longer periods are herein specified, which develop within any guarantee periods.

1.02 FINAL PAYMENT

- A. Final payment is contingent upon the Owner's Representative's receipt of such guarantees and/or warranties from the General Contractor.

END OF SECTION 01800



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SECTION 02070 - SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section requires the selective removal and subsequent offsite disposal of the following:
  - 1. Removal and protection of existing fixtures, materials, and equipment items indicated "salvage."
  - 2. Removal of existing door hardware and door hardware cores where indicated.
  - 3. Alteration of non-rated doors required to install new hardware.
- B. Related work specified elsewhere:
  - 1. Remodeling construction work and patching are included within the respective sections of specifications, including removal of materials for reuse and incorporation into remodeling or new construction.

1.3 SUBMITTALS

- A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.
- B. Schedule indicating proposed sequence of operations for selective demolition work to the Owner's Representative for review prior to start of work. Include details for coordination of dust and noise control protection.
- C. Photographs of existing conditions of structure surfaces, equipment, and adjacent improvements that might be misconstrued as damage related to removal operations. File with Owner's Representative prior to start of work.

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#### 1.4JOB CONDITIONS

- A. Occupancy: Owner will occupy portions of the building immediately adjacent to areas of selective demolition. Conduct selective demolition work in manner that will minimize need for disruption of Owner's normal operations. Provide minimum of (72) hours advance notice to Owner of demolition activities that will affect Owner's normal operations.
- B. Condition of Structures: Owner assumes no responsibility for actual condition of items or structures to be demolished.
  - 1. Conditions existing at time of inspection for bidding purposes will be maintained by Owner insofar as practicable. However, minor variations within structure may occur by Owner's removal and salvage operations prior to start of selective demolition work.
- C. Partial Demolition and Removal: Items indicated to be removed but of salvageable value to the Contractor may be removed from structure as work progresses. Transport salvaged items from site as they are removed.
  - 1. Storage or sale of removed items on site will not be permitted.
- D. Protections: Provide temporary barricades and other forms of protection to protect Owner's personnel, inmates and general public from injury due to selective demolition work.
  - 1. Provide protective measures as required to provide free and safe passage of Owner's personnel, inmates and general public to occupied portions of building.
  - 2. Protect from damage existing finish work that is to remain in place and becomes exposed during demolition operations.
  - 3. Protect floors with suitable coverings when necessary.
  - 4. Construct temporary insulated one hour fire rated dustproof partitions where required to separate areas where noisy or extensive dirt or dust operations are performed. Equip partitions with dustproof doors and security locks.

5. Provide temporary weather protection during interval between demolition and removal of existing construction on exterior surfaces and installation of new construction to ensure that no water leakage or damage occurs to structure or interior areas of existing building.
  6. Remove protections at completion of work.
- E. Damages: Promptly repair damages caused to adjacent facilities by demolition work.
- F. Traffic: Conduct selective demolition operations and debris removal to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities.
1. Do not close, block, or otherwise obstruct streets, walks, or other occupied or used facilities without written permission from authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.
- G. Flame Cutting: Do not use cutting torches for removal until work area is cleared of flammable materials. At concealed spaces, such as interior of ducts and pipe spaces, verify condition of hidden space before starting flame-cutting operations. Maintain portable fire suppression devices during flame-cutting operations.
- H. Utility Services: Maintain existing utilities indicated to remain in service and protect them against damage during demolition operations.
1. Do not interrupt utilities serving occupied or used facilities, except when authorized in writing by authorities having jurisdiction. Provide temporary services during interruptions to existing utilities, as acceptable to governing authorities.
  2. Maintain fire protection services during selective demolition operations.
- I. Environmental Controls: Use water sprinkling, temporary enclosures, and other methods to limit dust and dirt migration. Comply with governing regulations pertaining to environmental protection.

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1. Do not use water when it may create hazardous or objectionable conditions such as ice, flooding, and pollution.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION

### 3.1 PREPARATION

#### A. General:

1. Cover and protect furniture, equipment, and fixtures from soilage or damage when demolition work is performed in areas where such items have not been removed.
2. Erect and maintain dust-proof partitions and closures as required to prevent spread of dust or fumes to occupied portions of the building.
  - a. Where selective demolition occurs immediately adjacent to occupied portions of the building, construct minimum one-hour dust-proof partitions of minimum 4-inch studs, 5/8-inch type 'x' drywall (joints taped) on occupied side, 1/2-inch fire-retardant plywood on demolition side. Fill partition cavity with sound-deadening insulation.

### 3.2 DEMOLITION

A. General: Perform selective demolition work in a systematic manner. Use such methods as required to complete work indicated on Drawings in accordance with demolition schedule and governing regulations.

1. Locate demolition equipment throughout structure and promptly remove debris to avoid imposing excessive loads on supporting walls, floors, or framing.
2. Provide services for effective air and water pollution controls as required by local authorities having jurisdiction.

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- B. If unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure both nature and extent of the conflict. Submit report to Owner's Representative in written, accurate detail. Pending receipt of directive from Owner's Representative, rearrange selective demolition schedule as necessary to continue overall job progress without undue delay.

### 3.3 SALVAGED MATERIALS

- A. Salvaged Items: Where indicated on Drawings as "Salvage - Deliver to Owner," carefully remove indicated items, clean, store, and turn over to Owner and obtain receipt.
  - 1. Historic artifacts, commemorative plaques and tablets, antiques, and other articles of historic significance, remain property of Owner. Notify Owner's Representative if such items are encountered and obtain acceptance regarding method of removal and salvage for Owner.

### 3.4 DISPOSAL OF DEMOLISHED MATERIALS

- A. Remove from building site debris, rubbish, and other materials resulting from demolition operations. Transport and legally dispose off site.
  - 1. If hazardous materials are encountered during demolition operations, comply with applicable regulations, laws, and ordinances concerning removal, handling, and protection against exposure or environmental pollution.
  - 2. Burning of removed materials is not permitted on project site.

### 3.5 CLEANUP AND REPAIR

- A. General: Upon completion of demolition work, remove tools, equipment, and demolished materials from site. Remove protections and leave interior areas broom clean.
  - 1. Repair demolition performed in excess of that required. Return elements of construction and surfaces to remain to condition existing prior to start operations. Repair adjacent construction or surfaces soiled or damaged by selective demolition work.

END OF SECTION 02070

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SECTION 08710 - FINISH HARDWARE - **TALMER BUILDING**

PART 1 - GENERAL

- 1.1 Refer to "General and Special Conditions", and "Instructions to Bidders", Division 1 of Specifications. Requirements of these Sections and the project drawings shall govern work in this section.
  
- 1.2 Work Included:
  - A. Furnish all items of Finish Hardware specified, scheduled, shown or required herein except those items specifically excluded from this section of the specification.
  
  - B. Related work:
    1. Division 00 - Procurement and Contracting Requirements
    2. Division 01 - General Requirements
  
  - C. Specific Omissions: Hardware for the following is not included in this project, unless specifically listed in the hardware sets:
    1. Access doors and panels
    2. Overhead and Coiling doors
  
- 1.3 Quality Assurance
  - A. Requirements of Regulatory Agencies:
    1. Furnish finish hardware to comply with the requirements of laws, codes, ordinances, and regulations of the governmental authorities having jurisdiction where such requirements exceed the requirements of the Specifications.
    2. Furnish finish hardware to comply with the requirements of the regulations for public building accommodations for physically handicapped persons of the governmental authority having jurisdiction and to comply with Americans with Disabilities Act.

3. Provide hardware for fire-rated openings in compliance with NFPA 80 and state and local building code requirements. Provide only hardware that has been tested and listed by UL for types and sizes of doors required and complies with requirements of door and door frame labels.

B. Hardware Supplier:

1. Shall be an established firm dealing in contract builders' hardware. He must have adequate inventory, qualified personnel on staff and be located within 100 miles of the project. The distributor must be a factory-authorized dealer for all materials required. The supplier shall be or have in employment an Architectural Hardware Consultant (AHC).

C. Manufacturer:

1. Obtain each type of hardware (cylinders, cores) from a single manufacturer, although several may be indicated as offering products complying with requirements.

1.4 Submittals:

A. Hardware Schedule

1. Submit Hardware Schedules as directed in Division 1.
2. Follow guidelines established in Door & Hardware Institute Handbook (DHI) Sequence and Format for the Hardware Schedule unless noted otherwise.
3. Schedule will include the following:
  - a. Door Index including opening numbers and the assigned Finish Hardware set.
  - b. Preface sheet listing category only and manufacturer's names of items being furnished as follows:

CATEGORY	SPECIFIED	SCHEDULED
Hinges	Manufacturer A	Manufacturer B
Lock sets	Manufacturer X	Manufacturer X
Kick Plates	Open	Manufacturer Z

- c. Opening Description: Single or pair, number, room locations, hand, active leaf, degree of swing, size, door material, frame material, and UL listing.
- d. Hardware Description: Quantity, category, product number, fasteners, and finish.
- e. Headings that refer to the specified Hardware Set Numbers.
- f. Scheduling Sequence shown in Hardware Sets.
- g. Product data of each hardware item, and shop drawings where required, for special conditions and specialty hardware.
- h. "Vertical" scheduling format only. "Horizontal" schedules will be returned "Not Approved."
- i. Typed Copy.
- j. Double-Spacing.
- k. 8-1/2 x 11 inch sheets
- l. U.S. Standard Finish symbols or BHMA Finish symbols.

B. Product Data:

1. Submit, in booklet form Manufacturers Catalog cut sheets of scheduled hardware.
2. Submit product data with hardware schedule.

C. Samples:

1. Prior to submittal of the final hardware schedule and prior to final ordering of finish hardware, submit one sample, if required, of each type of exposed hardware unit, finished as required and tagged with full description for coordination with schedule.
2. Samples will be returned to the supplier. Units, which are acceptable and remain undamaged through submittal, review and field comparison procedures may, after final check of operation, be used in the work, within limitations of keying coordination requirements.

D. Key Schedule:

1. Submit detailed schedule indicating clearly how the Owner's final keying instructions have been followed.
2. Submit as a separate schedule.



- E. Submit to General Contractor, the factory order acknowledgement numbers for the various hardware items to be used on the project. The factory order acknowledgement numbers shall help to facilitate and expedite any service that may be required on a particular hardware item. General Contractor shall keep these order acknowledgement numbers on file in the construction trailer.

1.5 Product Delivery, Storage, and Handling:

- A. Label each item of hardware with the appropriate door number and Hardware Schedule heading number, and deliver to the installer so designated by the contractor.

1.6 Existing Conditions:

- A. Where existing doors, frames and/or hardware are to remain, conditions, preparations and functions shall be field verified to confirm compatibility with specified hardware. Where any incompatibility is discovered, notify the General Contractor immediately and provide a suggested solution based on industry standard business practices.

1.7 Warranties:

- A. Refer to Division 1 for warranty requirements.
- B. Special Warranty Periods:
  - 1. Closers shall carry manufacturer's 30-year warranty against manufacturing defects and workmanship.
  - 2. Locksets shall carry manufacturer's 3-year warranty against manufacturing defects and workmanship.
  - 3. Exit Devices shall carry manufacturer's 10-year warranty against manufacturing defects and workmanship.
  - 4. Continuous gear hinges shall carry manufacturer's lifetime warranty to be free from defects in material and workmanship.

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5. Balance of items shall carry a manufacturer's 1-year warranty against manufacturing defects and workmanship.

C. During the warranty period, replace defective work, including labor, materials and other costs incidental to the work.

## PART 2 - PRODUCT

2.1 Furnish each category with the products of only one manufacturer unless specified otherwise; this requirement is mandatory whether various manufacturers are listed or not.

2.2 Provide the products of manufacturer designated or if more than one manufacturer is listed, the comparable product of one of the other manufacturers listed. Where only one manufacturer or product is listed, it is understood that this is the owner's Building Standard and "no substitution" is allowed.

### A. Miscellaneous:

1. Furnish items not categorized in the above descriptions but specified by manufacturer's names in Hardware Sets.

### B. Fasteners:

1. Furnish fasteners of the proper type, size, quantity and finish. Use machine screws and expansion shields for attaching hardware to concrete or masonry, and wall grip inserts at hollow wall construction. Furnish machine screws for attachment to reinforced hollow metal doors and frames and reinforced aluminum doors and frames. Furnish full thread wood screws for attachment to solid wood doors and frames. "TEK" type screws are not acceptable.

**2. Sex bolts will not be permitted on reinforced metal doors or wood doors where blocking is specified.**

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2.3 Finishes:

- A. Generally, Dull Chrome, US26D / BHMA 626. Provide finish for each item as indicated in sets.

2.4 Templates and Hardware Location:

- A. Furnish hardware made to template. Supply required templates and hardware locations to the door and frame manufacturers.
- B. Furnish metal template to frame/door supplier for continuous hinge.

2.5 Cylinders and Keying:

- A. All cylinders for this project will be supplied by one supplier regardless of door type and location.
- B. The Finish Hardware supplier will meet with Architect and/or Owner to finalize keying requirements and obtain keying instructions in writing.
  - 1. Supplier shall include the cost of this service in his proposal.
- C. Provide a cylinder for all hardware components capable of being locked.
- D. Provide cylinders master and grand master keyed to an existing Schlage Primus FSIC (Full Size Interchangeable Core) system according to Owner's instructions. Provide change keys, master keys and grand master keys as required by Owner.

PART 3 - EXECUTION

3.1 Installation

A. General:

1. Install hardware according to manufacturers installations and template dimensions. Attach all items of finish hardware to doors, frames, walls, etc. with fasteners furnished and required by the manufacture of the item.

3.2 Hardware Sets:

**Hardware Group No. 01**

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINI	MFR
1	EA PRIMUS CORE	20-740	SH	SCH
		(BALANCE OF EXIST'G HDWE TO REMAIN)		

**Hardware Group No. 02**

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINI	MFR
		(EXIST'G HDWE TO REMAIN)	SH	

END OF SECTION

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**Door/Hardware Index  
– TALMER BLDG.**

Opening	HwSet
T100A	24
T100B	25
T103	24
T104A	24
T105A	24
T107A	25
T109A	25
T111A	24
T112	24
T112A	24
T113A	24
T115A	24
T116A	24
T117A	24
T118A	24
T120A	24
T121A	24
T122A	24
T132A	24
T134A	24
T135A	24
T136A	24
T138A	24
T138B	24
T139A	25
T146	24
T147	24
T148	24
T149	24
T201	24
T202	24
T204	24
T205	25
T207	25
T209	24
T210	24
T211	24
T212	24

Opening	HwSet
T213	24
T214	24
T215	24
T216	24
T217	24
T218	25
T219	25
T220	24
T221	24
T223	24
T224	24
T225	24
T226	24
T227A	24
T227B	24
T228	24
T229	24
T230	25
T232A	24
T232B	24
T233	24
T233A	24
T234	24
T236A	24
T237	25
T238	24
T239	25
T240	24
T241	24
T242	25
T243	25
T244	24
TB1A	25
TB1B	24

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SECTION 08710 - DOOR HARDWARE-**ADMIN. BUILDING & 16<sup>TH</sup> CIRCUIT CT.**

PART 1 - GENERAL

1.1 Refer to "General and Special Conditions", and "Instructions to Bidders", Division 1 of Specifications. Requirements of these Sections and the project drawings shall govern work in this section.

1.2 Work Included:

A. Furnish all items of Finish Hardware specified, scheduled, shown or required herein except those items specifically excluded from this section of the specification.

B. Related work:

1. Division 0 - Bidding and Contract Requirements
2. Division 1 - General Requirements

C. Specific Omissions: Hardware for the following is not included in this project, unless specifically listed in the hardware sets:

1. Access doors and panels
2. Overhead and Coiling doors

1.3 Quality Assurance

A. Requirements of Regulatory Agencies:

1. Furnish finish hardware to comply with the requirements of laws, codes, ordinances, and regulations of the governmental authorities having jurisdiction where such requirements exceed the requirements of the Specifications.
2. Furnish finish hardware to comply with the requirements of the regulations for public building accommodations for physically handicapped persons of the governmental authority having jurisdiction and to comply with Americans with Disabilities Act.
3. Provide hardware for fire-rated openings in compliance with NFPA 80 and state and local building code requirements. Provide only hardware that has been tested and listed by UL for types and sizes of doors required and complies with requirements of door and door frame labels.

B. Hardware Supplier:

1. Shall be an established firm dealing in contract builders' hardware. He must have adequate inventory, qualified personnel on staff and be located within 100 miles of the project. The distributor must be a factory-authorized dealer for all materials required. The supplier shall be or have in employment an Architectural Hardware Consultant (AHC).

C. Electrified Door Hardware Supplier:

1. Shall be an experienced door hardware supplier who has completed projects with electrified door hardware similar in material, design, and extent to that indicated for this project, whose work has resulted in construction with a record of successful in-service performance, and who is acceptable to manufacturer of primary materials.
2. Shall prepare data for electrified door hardware, including shop drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this project.
3. Shall have experience in providing consulting services for electrified door hardware installations.

D. Pre-installation Meeting:

1. Before hardware installation, the General Contractor will request a hardware installation meeting be conducted on the installation of hardware; specifically that of locksets, closers, exit devices, overhead stops and coordinators. Manufacturer's representatives of the above products, in conjunction with the hardware supplier for the project, shall conduct the meeting. Meeting to be held at job site and attended by installers of hardware for aluminum, hollow metal and wood doors. Meeting to address proper coordination and installation of hardware, per finish hardware schedule for this specific project, by using installation manuals, hardware schedule, templates, physical product samples and installation videos.

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2. When any electrical or pneumatic hardware is specified this meeting shall also include the following trades/installers: Electrical, Security, Alarm systems and Architect.
3. Convene one week or more prior to commencing work of this Section.
4. The Hardware Supplier shall include the cost of this meeting in his proposal.

E. Manufacturer:

1. Obtain each type of hardware (latch and locksets, hinges, closers, etc.) from a single manufacturer, although several may be indicated as offering products complying with requirements.
2. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated.

1.4 Submittals:

A. Hardware Schedule

1. Submit Hardware Schedules as directed in Division 1.
2. Follow guidelines established in Door & Hardware Institute Handbook (DHI) Sequence and Format for the Hardware Schedule unless noted otherwise.
3. Schedule will include the following:
  - a. Door Index including opening numbers and the assigned Finish Hardware set.
  - b. Preface sheet listing category only and manufacturer's names of items being furnished as follows:

CATEGORY	SPECIFIED	SCHEDULED
Hinges	Manufacturer A	Manufacturer B
Lock sets	Manufacturer X	Manufacturer X
Kick Plates	Open	Manufacturer Z



- c. Hardware Locations: Reinstall in existing locations unless noted otherwise. Contractor shall advise if this is not possible on submittal.
- d. Opening Description: Single or pair, number, room locations, hand, active leaf, degree of swing, size, door material, frame material, and UL listing.
- e. Hardware Description: Quantity, category, product number, fasteners, and finish.
- f. Headings that refer to the specified Hardware Set Numbers.
- g. Scheduling Sequence shown in Hardware Sets.
- h. Product data of each hardware item, and shop drawings where required, for special conditions and specialty hardware.
- i. Electrified Hardware system operation description.
- j. "Vertical" scheduling format only. "Horizontal" schedules will be returned "Not Approved."
- k. Typed Copy.
- l. Double-Spacing.
- m. 8-1/2 x 11 inch sheets
- n. U.S. Standard Finish symbols or BHMA Finish symbols.

B. Product Data:

- 1. Submit, in booklet form Manufacturers Catalog cut sheets of scheduled hardware.
- 2. Submit product data with hardware schedule.

C. Samples:

- 1. Prior to submittal of the final hardware schedule and prior to final ordering of finish hardware, submit one sample, if required, of each type of exposed hardware unit, finished as required and tagged with full description for coordination with schedule.
- 2. Samples will be returned to the supplier. Units, which are acceptable and remain undamaged through submittal, review and field comparison procedures may, after final check of operation, be used in the work, within limitations of keying coordination requirements.

D. Key Schedule:

1. Submit detailed schedule indicating clearly how the Owner's final keying instructions have been followed.
2. Submit as a separate schedule.

E. Electrified Hardware Drawings:

1. Submit elevation drawings showing relationship of all electrical hardware components to door and frame. Indicate number and gage of wires required.
  - a. Include wiring drawing showing point to point wire hook up for all components.
  - b. Include system operations descriptions for each type of opening; describe each possible condition.

F. Submit to General Contractor, the factory order acknowledgement numbers for the various hardware items to be used on the project. The factory order acknowledgement numbers shall help to facilitate and expedite any service that may be required on a particular hardware item. General Contractor shall keep these order acknowledgement numbers on file in the construction trailer.

1.5 Product Delivery, Storage, and Handling:

- A. Label each item of hardware with the appropriate door number and Hardware Schedule heading number, and deliver to the installer so designated by the contractor.

1.6 Existing Conditions:

- A. **Where existing doors, frames and/or hardware are to remain, conditions, preparations and functions shall be field verified to confirm compatibility with specified hardware. Where any incompatibility is discovered, notify the General Contractor immediately and provide a suggested solution based on industry standard business practices.**

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1.7 Warranties:

A. Refer to Division 1 for warranty requirements.

B. Special Warranty Periods:

1. Locksets shall carry manufacturer's 3-year warranty against manufacturing defects and workmanship.
2. Exit Devices shall carry manufacturer's 3-year warranty against manufacturing defects and workmanship.
3. Balance of items shall carry a manufacturer's 1-year warranty against manufacturing defects and workmanship.

C. During the warranty period, replace defective work, including labor, materials and other costs incidental to the work.

PART 2 - PRODUCT

2.1 Furnish each category with the products of only one manufacturer unless specified otherwise; this requirement is mandatory whether various manufacturers are listed or not.

2.2 Provide the products of manufacturer designated or if more than one manufacturer is listed, the comparable product of one of the other manufacturers listed. Where only one manufacturer or product is listed, it is understood that this is the owner's Building Standard and "no substitution" is allowed.

A. Locksets and Latchsets - Mortise Type:

1. Locksets shall be manufactured from heavy gauge steel, minimum lockcase thickness 1/8", containing components of steel with a zinc dichromate plating for corrosion resistance.
2. Locks are to have a standard 2 3/4" backset with a full 3/4" throw two-piece stainless steel mechanical anti-friction latchbolt. Deadbolt shall be a full 1" throw, constructed of stainless steel.

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3. Lockcase shall be easily handed without chassis disassembly by removing handing screw on lockcase and installing in opposite location on reverse side. Changing of door hand bevel from standard to reverse hand shall be done by removing the lockcase scalp plate, and pulling and rotating the latchbolt 180 degrees.
  4. Lock trim shall be through-bolted to the door to assure correct alignment and proper operation. Lever trim shall have external spring cage mechanism to assist in support of the lever weight. Thumb turns shall have "EZ" thumbturn equal to Schlage L583-363.
  5. Function numbers are Schlage.
    - a. Schlage L9000
  6. Lockset Trim:
    - a. Schlage 03N
  7. Provide strikes with extended lips where required to protect trim from being marred by latch bolt. Provide strike lips that do not project more than 1/8" beyond door frame trim at single doors and have 7/8" lip to center at pairs of 1-3/4" doors.
- B. Locksets and Latchsets - Heavy Duty Cylindrical Type:
1. Function numbers listed are Schlage.
  2. Provide 2-3/4 inch backset.
  3. Provide strikes with extended lips where required to protect trim from being marred by latch bolt. Provide strike lips that do not project more than 1/8" beyond doorframe trim at single doors and have 7/8" lip to center at pairs of 1-3/4" doors.
  4. Locksets and Latchsets:
    - a. Schlage ND
  5. Lockset Trim:
    - a. Schlage Tubular
- C. Miscellaneous:
1. Furnish items not categorized in the above descriptions but specified by manufacturer's names in Hardware Sets.

D. Fasteners:

1. Furnish fasteners of the proper type, size, quantity and finish. Use machine screws and expansion shields for attaching hardware to concrete or masonry, and wall grip inserts at hollow wall construction. Furnish machine screws for attachment to reinforced hollow metal doors and frames and reinforced aluminum doors and frames. Furnish full thread wood screws for attachment to solid wood doors and frames. "TEK" type screws are not acceptable.
2. **Sex bolts will not be permitted on reinforced metal doors or wood doors where blocking is specified.**

2.3 Finishes:

- A. Generally, Dull Chrome, US26D / BHMA 626. Provide finish for each item as indicated in sets.

2.4 Templates and Hardware Location:

- A. Furnish hardware made to template. Supply required templates and hardware locations to the door and frame manufacturers.

2.5 Cylinders and Keying:

- A. All cylinders for this project will be supplied by one supplier regardless of door type and location.
- B. The Finish Hardware supplier will meet with Architect and/or Owner to finalize keying requirements and obtain keying instructions in writing.
  1. Supplier shall include the cost of this service in his proposal.
- C. **Provide a cylinder for all hardware components capable of being locked.**

- D. Provide cylinders master and grand master keyed to an existing Schlage Primus FSIC (Full Size Interchangeable Core) system according to Owner's instructions. Provide change keys, master keys and grand master keys as required by Owner.**

PART 3 - EXECUTION

3.1 Installation

A. General:

1. Install hardware according to manufacturer's installations and template dimensions. Attach all items of finish hardware to doors, frames, walls, etc. with fasteners furnished and required by the manufacture of the item.
2. Reinforced hollow metal doors and frames and reinforced aluminum door and frames will be drilled and tapped for machine screws.
3. Solid wood doors and frames: full thread wood screws. Drill pilot holes before inserting screws.

B. Field Quality Inspection:

1. Inspect material furnished, its installation and adjustment, and instruct the Owner's personnel in adjustment, care and maintenance of hardware.
2. Locksets and exit devices shall be inspected after installation and after the HVAC system is in operation and balanced, to insure correct installation and proper operation.
3. Closers shall be inspected and adjusted after the HVAC system is in operation and balanced, to insure correct installation and proper operation.
4. A written report stating compliance, and also locations and kinds of noncompliance shall be forwarded to the Architect with copies to the Contractor, hardware distributor, hardware installer and building owner.

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C. Technical and Warranty Information:

1. At the completion of the project, the technical and warranty information coalesced and kept on file by the General Contractor shall be given to the Owner or Owner's Agent. In addition to both the technical and warranty information, all factory order acknowledgement numbers supplied to the General Contractor during the construction period shall be given to the Owner or Owner's Agent. The warranty information and factory order acknowledgement numbers shall serve to both expedite and properly execute any warranty work that may be required on the various hardware items supplied on the project.
2. Submit to General Contractor, (2) two copies and (1) one electrical PDF copy on a thumb drive each of parts and service manuals and two each of any special installation or adjustment tools. Include for locksets, exit devices, door closers and any electrical products.

3.2 Hardware Sets:

HARDWARE SET NO. 01

EACH TO HAVE:

1	EA	PRIMUS RIM CYLINDER	20-757	626	SCH
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

HARDWARE SET NO. 02

EACH TO HAVE:

1	EA	PRIMUS MORT. CYL.	20-771	626	SCH
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

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HARDWARE SET NO. 03

EACH TO HAVE:

\* EXISTING TO REMAIN \*

HARDWARE SET NO. 04

EACH TO HAVE:

2 EA	PRIMUS RIM CYLINDER	20-757	626	SCH
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

HARDWARE SET NO. 05

EACH TO HAVE:

2 EA	PRIMUS MORT. CYL.	20-771	626	SCH
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

HARDWARE SET NO. 06

EACH TO HAVE:

1 EA	STOREROOM LOCK	L9080R 03N	626	SCH
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

HARDWARE SET NO. 07

EACH TO HAVE:

\* EXISTING TO REMAIN \*

HARDWARE SET NO. 08

EACH TO HAVE:

2 EA	STOREROOM LOCK	L9080R 03N	626	SCH
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

DOOR HARDWARE

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HARDWARE SET NO. 09

EACH TO HAVE:

1	EA	CLASSROOM LOCK	ND70RD TLR	626	SCH
			* BALANCE OF EXISTING HDWE TO REMAIN *		

HARDWARE SET NO. 10

EACH TO HAVE:

1	EA	OFFICE/ENTRY LOCK	L9050R 03N L583-363	626	SCH
			* BALANCE OF EXISTING HDWE TO REMAIN *		

HARDWARE SET NO. 11

EACH TO HAVE:

1	EA	PRIVACY W/COIN TURN	L9044 03N L583-363 L283- 722	626	SCH
			* BALANCE OF EXISTING HDWE TO REMAIN *		

HARDWARE SET NO. 12

EACH TO HAVE:

2	EA	PRIMUS MORT. CYL.	20-766	626	SCH
			* BALANCE OF EXISTING HDWE TO REMAIN *		

HARDWARE SET NO. 13

EACH TO HAVE:

1	EA	CLASSROOM LOCK	L9070R 03N	626	SCH
			* BALANCE OF EXISTING HDWE TO REMAIN *		

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HARDWARE SET NO. 14

EACH TO HAVE:

1	EA	PASSAGE SET	L9010 03N	626	SCH
			* BALANCE OF EXISTING HDWE TO REMAIN *		

HARDWARE SET NO. 15

EACH TO HAVE:

1	EA	ENTRANCE/OFFICE LOCK	ND50RD TLR	626	SCH
			* BALANCE OF EXISTING HDWE TO REMAIN *		

HARDWARE SET NO. 16

EACH TO HAVE:

1	EA	STOREROOM LOCK	ND80RD TLR	626	SCH
			* BALANCE OF EXISTING HDWE TO REMAIN *		

HARDWARE SET NO. 17

EACH TO HAVE:

6	EA	HW HINGE	5BB1HW 4.5 X 4.5	652	IVE
2	EA	FIRE EXIT HARDWARE	9849-EO-F-LBL	626	VON
2	EA	SURFACE CLOSER	4111 EDA	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	FIRE/LIFE WALL MAG	SEM7850	689	LCN

DOORS MAY BE HELD-OPEN ELECTRO-MAGNETICALLY. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, THE DOORS WILL CLOSE AND POSITIVELY LATCH.  
COORDINATE WITH ALL RELATED TRADES.

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HARDWARE SET NO. 18

EACH TO HAVE:

1	EA	PRIMUS MORT. CYL.	20-766	626	SCH
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

HARDWARE SET NO. 19

EACH TO HAVE:

1	EA	DELAYED EGRESS MAG	M490DEP-2	628	SCE
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

UNAUTHORIZED EGRESS ATTEMPT WILL BE DELAYED 15 SECONDS AND WILL SOUND LOCAL ALARM. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, POWER WILL BE INTERRUPTED TO THE DELAYED EGRESS SYSTEM AND IMMEDIATE EGRESS IS ALLOWED. THE DELAYED EGRESS SYSTEM WILL BE INSTALLED AND WILL OPERATE PER ALL APPLICABLE CODES. COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT AND ALL RELATED TRADES.

HARDWARE SET NO. 20

EACH TO HAVE:

2	EA	FIRE EXIT HARDWARE	9827-L-F-LBR-ER36-03-499F- SNB	626	VON
2	EA	PRIMUS RIM CYLINDER	20-757	626	SCH

\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

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HARDWARE SET NO. 21

EACH TO HAVE:

1	EA	PRIMUS MORT. CYL.	20-771	613	SCH
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\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

HARDWARE SET NO. 22

EACH TO HAVE:

1	EA	PUSH PLATE	8200 4" X 16"	630	IVE
1	EA	PULL PLATE	8302 8" 4" X 16"	630	IVE

\* BALANCE OF EXISTING HDWE  
TO REMAIN \*

HARDWARE SET NO. 23

EACH TO HAVE:

3	EA	HW HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PUSH PLATE	8200 4" X 16"	630	IVE
1	EA	PULL PLATE	8302 8" 4" X 16"	630	IVE
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B4E	630	IVE
1	EA	WALL STOP	WS447	626	IVE

END OF SECTION

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

### Door/Hardware Index – ADMIN. BLDG & 16<sup>TH</sup> CIRCUIT COURT

#### ADMIN BLDG LOWER LEVEL

Door #	HWSet #
A000	01
A001A	02
A001B	01
A001C	01
A002	02
A005	02
A008A	02
A008B	02
A009	02
A011A	02
A011B	02
A012	02
A013A	02
A013B	01
A014	02
A015A	02
A015B	02
A016	17
A017	02

#### ADMIN BLDG FIRST FLOOR

Door #	HWSet #
A100	01
A101	04
A102A	05
A102B	04
A102C	04
A105	06
A107	06
A108	07
A109	07
A110	06
A111	06
A112	02

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

**ADMIN BLDG SECOND FLOOR**

<b>Door #</b>	<b>HWSet #</b>
A200	NIC
A201A	NIC
A201B	01
A204	06
A205	08
A207A	06
A207B	06
A208	09
A209	09
A210	06
A212	06
A213	06
A215A	10
A215B	10
A217A	07
A217B	10
A218	10
A219	10
A220	10
A221	10
A222	10
A224A	10
A224B	10
A225A	10
A225B	11
A226	10
A227	10
A228A	10
A228B	10
A229	07
A230	10
A232	10

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

### ADMIN BLDG THIRD FLOOR

Door #	HWSet #
A300	01
A301	NIC
A302	07
A304	06
A305	08
A307	06
A309	07
A310	06
A322	10
A323	10
A331	10
A332	10
A335	10
A336	10
A337	10
A338	10
A339	06
A341	10
A342	10
A350	10
A351	10

### ADMIN BLDG FOURTH FLOOR

Door #	HWSet #
A400	NIC
A401	NIC
A404	06
A405	08
A406	06
A407	06
A408	07
A409	07
A410	06
A444A	10

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

**ADMIN BLDG FIFTH FLOOR**

<b>Door #</b>	<b>HWSet #</b>
A500	NIC
A501	NIC
A507	06

**ADMIN BLDG SIXTH FLOOR**

<b>Door #</b>	<b>HWSet #</b>
A600	01
A601	01
A606	06

**ADMIN BLDG SEVENTH FLOOR**

<b>Door #</b>	<b>HWSet #</b>
A700	NIC
A701	NIC
A704	06
A705	08
A706	06
A707	06
A708	07
A709	07
A710	06
A716B	06
A717	10
A718	10
A720A	10
A720B	10
A722	10
A723	10
A724	10
A725	10
A726	10
A727	10
A730	10
A731	10
A732	10
A733	10
A734	10



MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

Door #	HWSet #
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**ADMIN BLDG EIGHTH FLOOR**

Door #	HWSet #
A800	06
A801	08
A802	NIC
A803	06
A804	07
A805	07
A806A	07
A806B	12
A807	06
A808	06
A809	10
A810	10
A811	10
A812	10
A813	10
A814	10
A815A	10
A815B	07
A815C	10
A816A	10
A816B	10
A817	11
A818	11
A819A	10
A819B	10
A819C	07
A821	07
A822A	10
A822B	10
A822C	10
A823	10
A825A	NIC
A825B	07
A825C	07
A826	10

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

Door #	HWSet #
A827	10
A828	10
A829	10
A830	10
A831	10
A832	10
A833	10
A834	NIC
A835	10
A837	10
A838	10
A839	10
A840	10
A841	NIC

ADMIN BLDG NINTH FLOOR

Door #	HWSet #
A900	NIC
A901	NIC
A904	06
A905	08
A906	06
A907	06
A908	07
A909	07
A910	06
A922A	10
A922B	10
A924	10
A927A	10
A927B	10
A928	10
A929	10
A930	10
A937B	10
A943	06
A944	10
A947	10

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

Door #	HWSet #
A948	10
A949	10
A950	10

### 16TH CIRCUIT COURT LOWER LEVEL

Door #	HWSet #
C001	03
C002	06
C002A	06
C002B	06
C01	13
C012	11
C014	06
C015	18
C017A	13
C017B	13
C018	06
C019	11
C020	06
C021	06
C024	06
C027	06
C033	13
C037	10
C08	06
C08B	10

### 16TH CIRCUIT COURT FIRST FLOOR

Door #	HWSet #
C101	19
C102	19
C130B	19
C138	12

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

**16TH CIRCUIT COURT SECOND FLOOR**

<b>Door #</b>	<b>HWSet #</b>
C201	13
C202	13
C207	06
C208	06
C209A	07
C209B	13
C209C	13
C209D	13
C209E	13
C210A	20
C210B	06
C211	06
C212	06
C217A	07
C217B	13
C217C	13
C217D	13
C217E	13
C218	06
C220A	20
C220B	01
C221A	10
C221B	10
C222	10
C223	10
C224	10
C225	10
C226	10
C227	10
C228A	10
C228B	10
C229	11
C230	10
C231	11
C232	10

MACOMB COUNTY  
 ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT  
 NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

Door #	HWSet #
C233	06
C234	07
C235	10
C236	11
C237	10
C238A	10
C238B	10
C239	11
C240	10
C241	10
C242	10
C243	10
C244	10
C245	10
C246	01
C247A	07
C248	06
C251	06
C252A	07
C254	06
C255A	10
C255B	10
C256	10
C257A	10
C257B	10
C258	10
C259	10
C260A	10
C260B	10
C261	10
C262A	10
C262B	10
C263	11
C265A	10
C265B	10
C266	10
C268	11
C269	11

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

Door #	HWSet #
C270	11
C271	11
C272	10
C273	02
C274A	10
C274B	10
C275	06
C276A	10
C276B	10
C277	11
C278	10
C279	10
C280	10
C281	10
C282	10
C283A	10
C283B	10
C286A	21
C286B	13
C287A	21
C287B	13

### 16TH CIRCUIT COURT THIRD FLOOR

Door #	HWSet #
C301	13
C302	13
C308	06
C309A	07
C310A	21
C310B	13
C311	06
C314	06
C317A	07
C320	06
C322A	21
C322B	13
C323	10
C324A	10

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

<b>Door #</b>	<b>HWSet #</b>
C324B	10
C325A	10
C325B	10
C326	10
C327A	10
C327B	10
C328	10
C329	10
C330	11
C331	06
C332A	10
C332B	10
C333	06
C334	10
C335	11
C336	11
C337	11
C338	11
C339	10
C340	06
C341A	10
C341B	10
C342	06
C343	11
C344A	10
C344B	10
C345	10
C346	10
C347	10
C348	10
C349A	10
C349B	10
C350	10
C352A	07
C353	06
C356	06
C357A	07
C358	06

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

<b>Door #</b>	<b>HWSet #</b>
C360A	10
C360B	10
C361A	10
C361B	10
C362	10
C363	10
C364	10
C365A	10
C365B	10
C366	10
C367A	10
C367B	10
C368	11
C369	06
C370A	10
C370B	10
C371	06
C372	10
C373	11
C374	11
C375	11
C376	11
C377	10
C379A	10
C379B	10
C380	06
C381	11
C382A	10
C382B	10
C383	10
C384	10
C385	10
C386	10
C387A	10
C387B	10
C388A	10
C388B	10
C389A	21



MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

Door #	HWSet #
C389B	13
C390A	21
C390B	13
C392	10
C393	10

16TH CIRCUIT COURT FOURTH FLOOR

Door #	HWSet #
C401	13
C402	13
C407	06
C408	06
C409A	07
C409B	14
C409C	10
C410	21
C411	06
C414	06
C417A	07
C418	06
C420A	21
C420B	13
C421A	10
C421B	10
C421C	10
C422A	10
C422B	10
C423	10
C424	10
C425A	10
C425B	10
C426	10
C427A	10
C427B	10
C428	11
C429A	10
C429B	10
C430	06

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

<b>Door #</b>	<b>HWSet #</b>
C431	06
C432	10
C433	11
C434	11
C435	11
C436	11
C437A	10
C437B	10
C438	02
C440A	10
C440B	10
C441	11
C442	10
C443	10
C444	10
C445	10
C446A	10
C446B	10
C447A	07
C447AA	10
C448	14
C449	06
C452	06
C453A	07
C455	06
C456	02
C457	10
C458	15
C459	10
C460	10
C461A	10
C461B	10
C462	10
C463	11
C464A	10
C464B	10
C465	06
C466A	10

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

<b>Door #</b>	<b>HWSet #</b>
C466B	10
C467	06
C468	10
C469	11
C470	11
C471	11
C472	11
C473	10
C474	02
C475A	10
C475B	10
C476	06
C477	11
C478A	10
C478B	10
C479	10
C480	10
C481	10
C482	10
C483	10
C484A	10
C484B	10
C485	13
C487A	21
C487B	13
C488A	21
C492	02
C493	02
C494	02
C495	16

**16TH CIRCUIT COURT FIFTH FLOOR**

<b>Door #</b>	<b>HWSet #</b>
C501	13
C502	13
C505	22
C506	22
C538A	13

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

<b>Door #</b>	<b>HWSet #</b>
C538B	06
C539	06
C540A	01
C540B	06
C540C	01
C541	10
C542A	14
C542B	14
C543	10
C544A	14
C544B	14
C544C	14
C544D	14
C545	10
C546A	10
C546B	10
C547	10
C548	10
C549A	10
C549B	14
C550	10
C551	06
C552	07
C553	10
C554	11
C555	10
C556A	10
C556B	10
C557	11
C558	10
C559	10
C560	10
C561	10
C562	10
C563A	04
C563B	13
C563C	13
C563D	13

MACOMB COUNTY

ADMIN. BLDG., TALMER BLDG. & 16<sup>TH</sup> CIRCUIT COURT

NEW DOOR HARDWARE/REKEYING 231996

OCTOBER 23, 2023

<b>Door #</b>	<b>HWSet #</b>
C563E	13
C564	06
C565	04
C566	10
C567	06
C568	06
C569	06
C574	10
C575A	13
C575B	01
C575C	14
C575D	01
C589A	13

16TH CIRCUIT COURT SIXTH FLOOR

<b>Door #</b>	<b>HWSet #</b>
C600A	06
C603	23
C604	23
C605	22
C606	22
C607	06
C609	06
C611	06



# MACOMB COUNTY BOARD OF COMMISSIONERS

# DOOR HARDWARE RENOVATION PROJECT

## ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING

ISSUED FOR: BIDS  
 DATE: OCTOBER 23, 2023  
 PROJECT NO.: 231996

**ARCHITECT:**

**WAKELY ASSOCIATES, INC./ ARCHITECTS**  
 30500 VAN DYKE AVE, SUITE 209, WARREN, MI 48093, 586.573.4100

231996 - Macomb County Board of Commissioners DOOR HARDWARE REPLACEMENT PROJECT	
<b>Index of Drawings</b>	
<b>GENERAL DRAWINGS:</b>	
G0.0	COVER SHEET, SHEET INDEX AND LOCATION MAP
<b>ARCHITECTURAL DRAWINGS - ADMINISTRATION BUILDING:</b>	
A1.0A	COMPOSITE FLOOR PLAN - LOWER LEVEL
A1.1A	COMPOSITE FLOOR PLAN - FIRST FLOOR
A1.2A	COMPOSITE FLOOR PLAN - SECOND FLOOR
A1.3A	COMPOSITE FLOOR PLAN - THIRD FLOOR
A1.4A	COMPOSITE FLOOR PLAN - FOURTH FLOOR
A1.5A	COMPOSITE FLOOR PLAN - FIFTH FLOOR
A1.6A	COMPOSITE FLOOR PLAN - SIXTH FLOOR
A1.7A	COMPOSITE FLOOR PLAN - SEVENTH FLOOR
A1.8A	COMPOSITE FLOOR PLAN - EIGHTH FLOOR
A1.9A	COMPOSITE FLOOR PLAN - NINTH FLOOR
A6.0A	DOOR SCHEDULE
<b>ARCHITECTURAL DRAWINGS - 16TH CIRCUIT COURT BUILDING:</b>	
A1.0C	COMPOSITE FLOOR PLAN - LOWER LEVEL
A1.1C	COMPOSITE FLOOR PLAN - FIRST FLOOR
A1.2C	COMPOSITE FLOOR PLAN - SECOND FLOOR
A1.3C	COMPOSITE FLOOR PLAN - THIRD FLOOR
A1.4C	COMPOSITE FLOOR PLAN - FOURTH FLOOR
A1.5C	COMPOSITE FLOOR PLAN - FIFTH FLOOR
A1.6C	COMPOSITE FLOOR PLAN - SIXTH FLOOR
A6.0C	DOOR SCHEDULE
<b>ARCHITECTURAL DRAWINGS - TALMER BUILDING:</b>	
A1.0T	COMPOSITE FIRST FLOOR PLAN COMPOSITE
A1.1T	SECOND FLOOR PLAN AND DOOR SCHEDULES
<b>Building Address</b>	
<b>ADMINISTRATION BUILDING</b> 1 SOUTH MAIN STREET MOUNT CLEMENS, MICHIGAN 48043	<b>16TH CIRCUIT COURT BUILDING</b> 40 NORTH MAIN STREET MOUNT CLEMENS, MICHIGAN 48043
<b>TALMER BUILDING</b> 120 N. MAIN STREET MOUNT CLEMENS, MICHIGAN 48043	
<b>Location Map</b> NOT TO SCALE	

MACOMB COUNTY BOARD OF COMMISSIONERS  
 231996: DOOR HARDWARE RENOVATION PROJECT - ADMINISTRATION, 16TH CIRCUIT  
 COURT AND TALMER BUILDING; ISSUED FOR CDS - OCTOBER 23, 2023

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION BUILDING, 16TH CIRCUIT COURT AND TALMER BUILDING

ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
LOWER LEVEL

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY: KAN  
CHECKED BY: RS

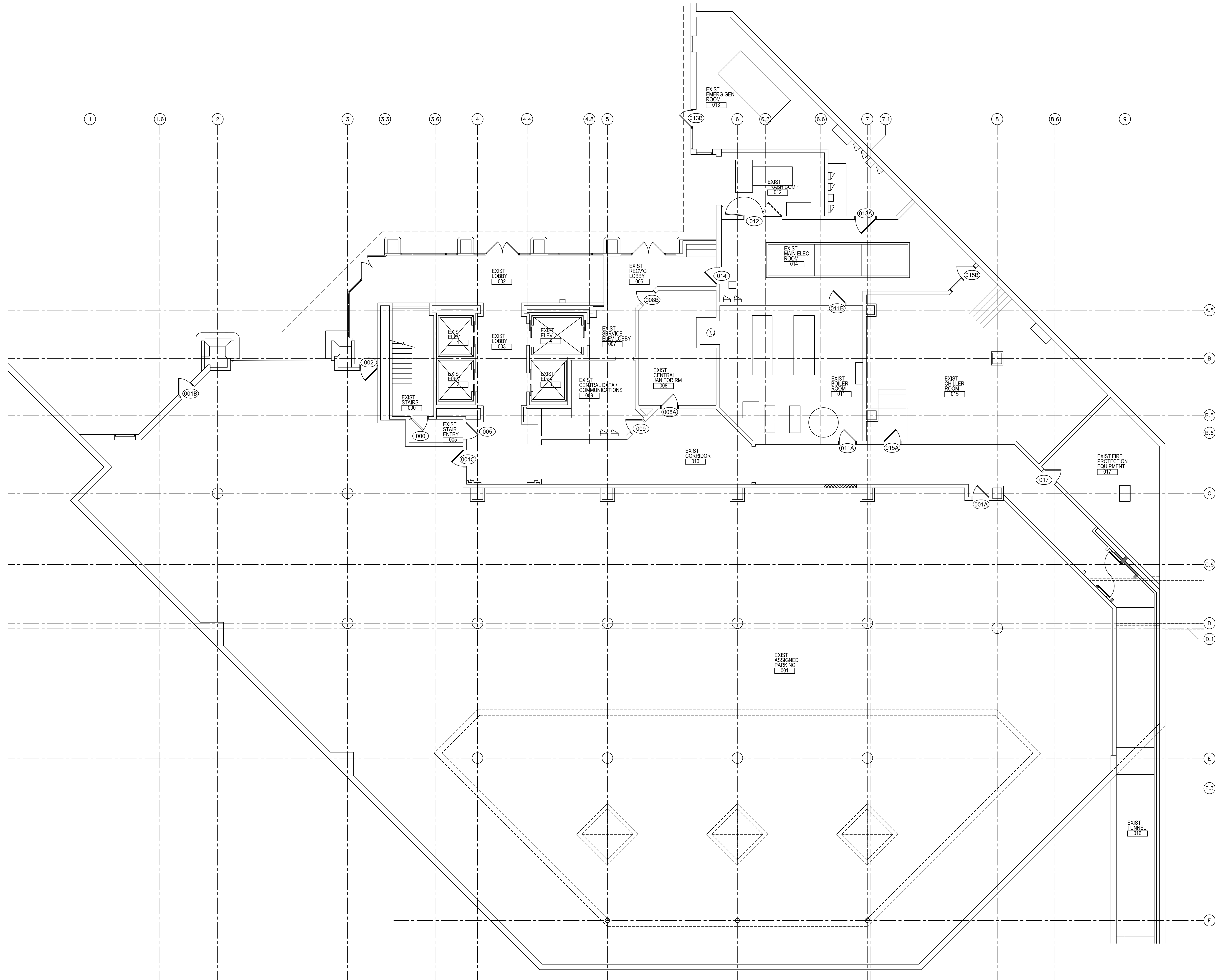
REVISIONS

NO.	DATE	DESCRIPTION

DATE: OCTOBER 23, 2023  
SHEET NO.

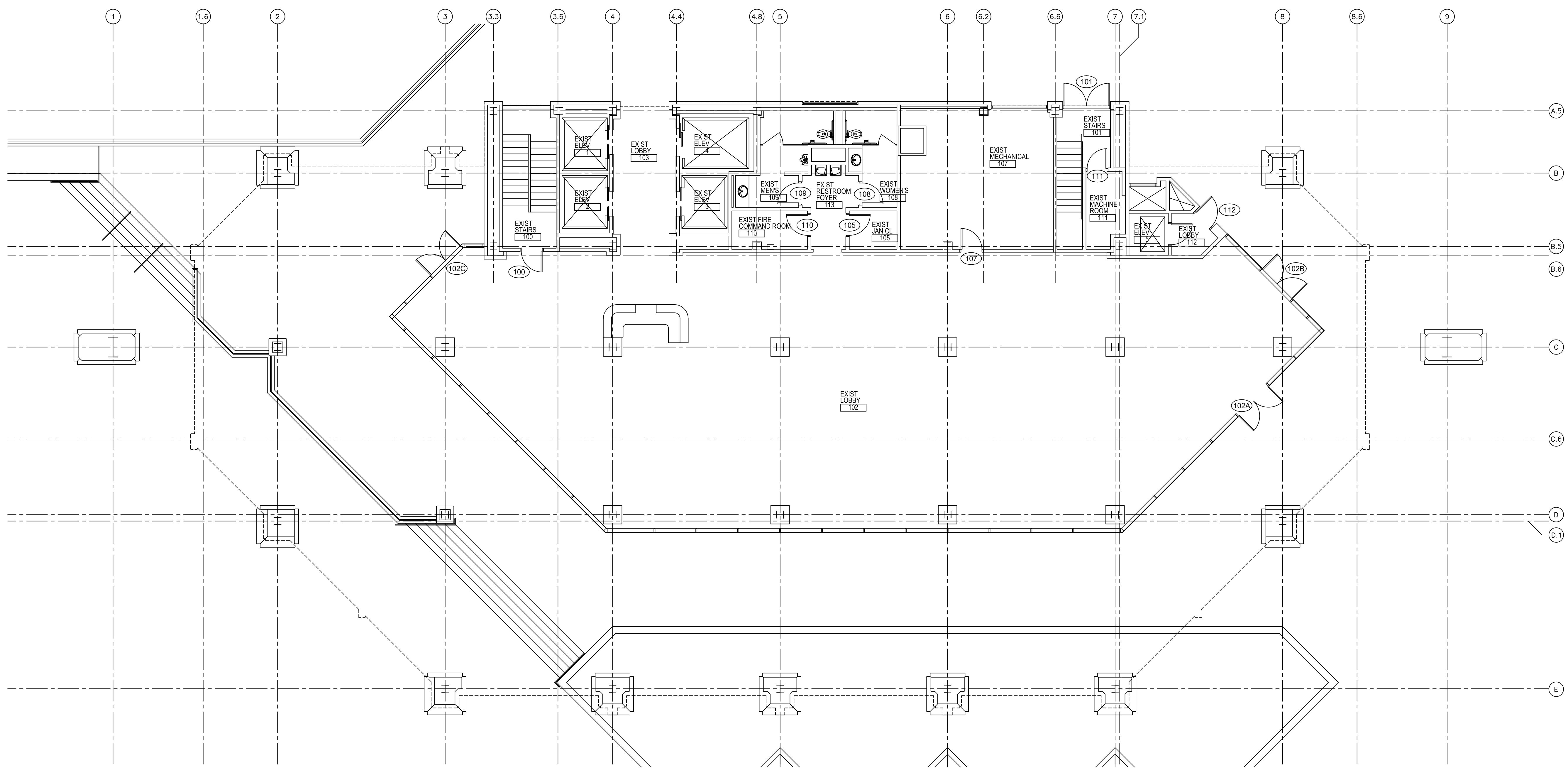
**A1.0A**

JOB NO.  
231996



**1**  
COMPOSITE FLOOR PLAN - LOWER LEVEL  
SCALE: 1/8" = 1'-0"

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
FIRST FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY KAN  
CHECKED BY RS

REVISIONS


DATE: OCTOBER 23, 2023  
SHEET NO.

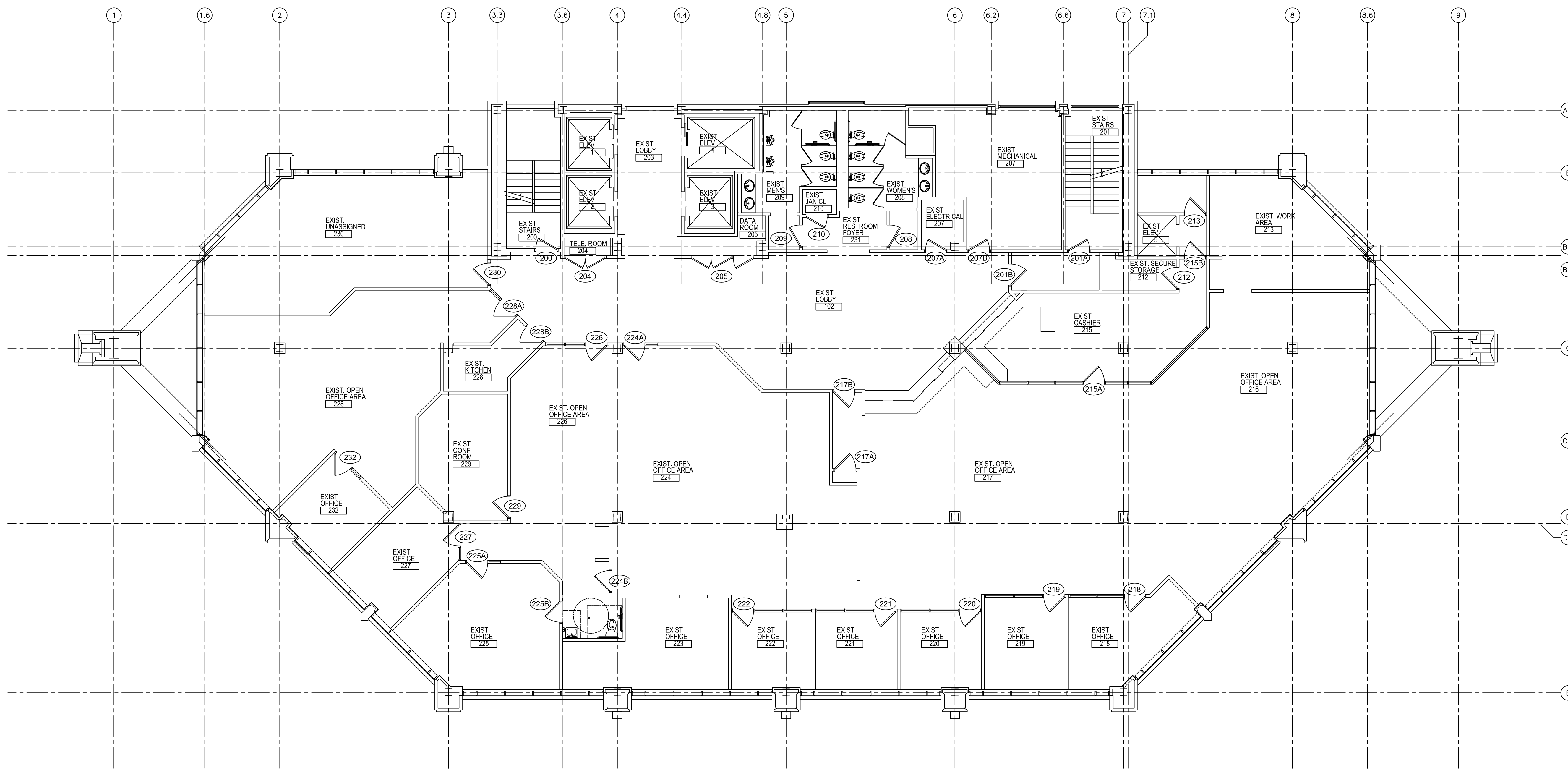
**A1.1A**

JOB NO. 231996

 **1**  
A1.1  
**COMPOSITE FLOOR PLAN - FIRST FLOOR**  
SCALE: 1/8" = 1'-0"



MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



ADMINISTRATION BUILDING

COMPOSITE FLOOR PLAN -  
SECOND FLOOR

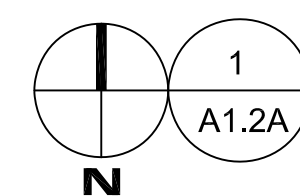
- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD
- DRAWN BY KAN
- CHECKED BY RS

REVISIONS

DATE: OCTOBER 23, 2023  
SHEET NO.

**A1.2A**

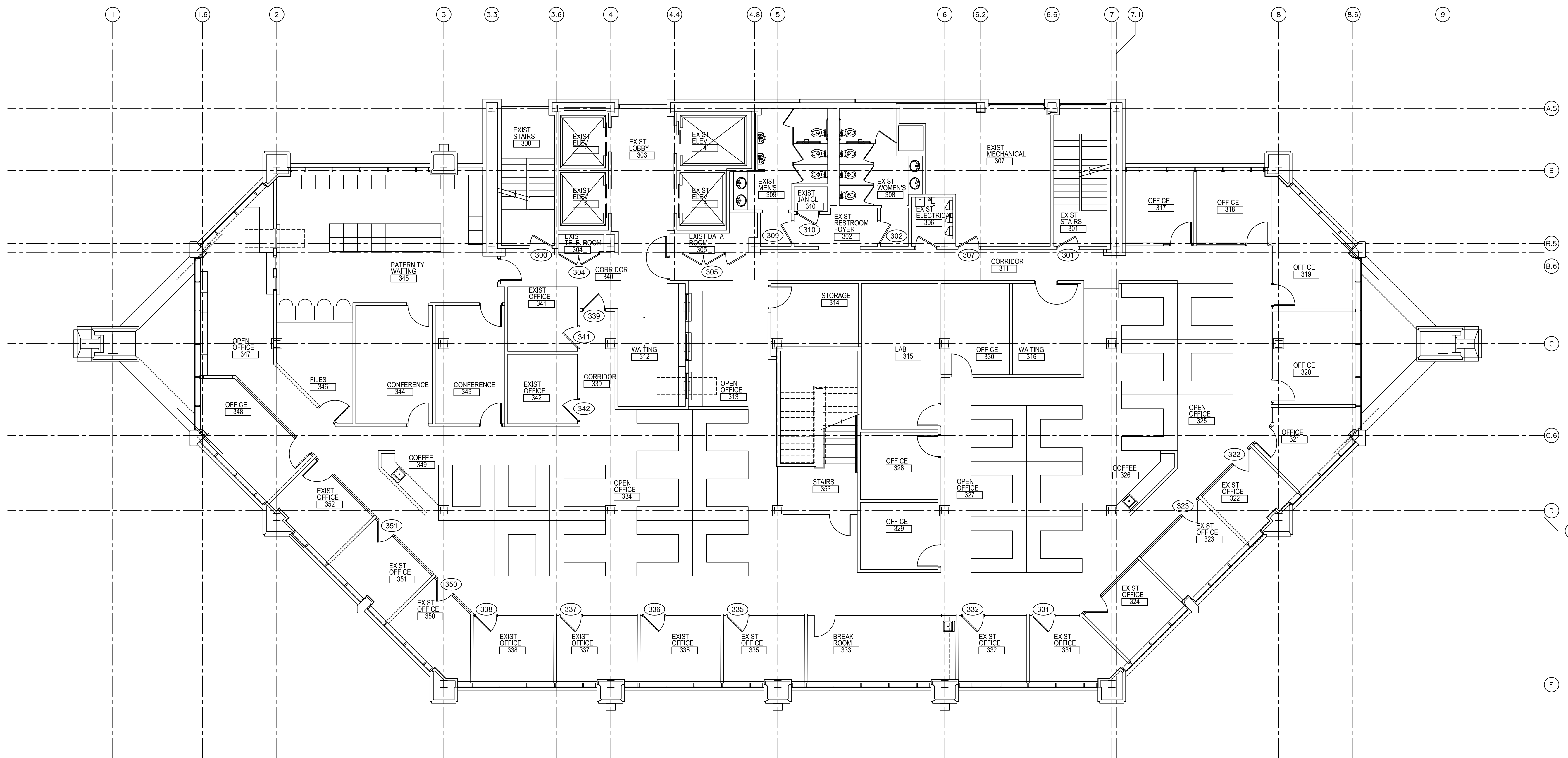
JOB NO. 231996



COMPOSITE FLOOR PLAN - SECOND FLOOR

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

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



1  
A1.3A  
COMPOSITE FLOOR PLAN - THIRD FLOOR  
SCALE: 1/8" = 1'-0"

ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
THIRD FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY KAN  
CHECKED BY RS

REVISIONS

DATE: OCTOBER 23, 2023  
SHEET NO.

**A1.3A**

JOB NO.  
231996

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING

ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
FOURTH FLOOR

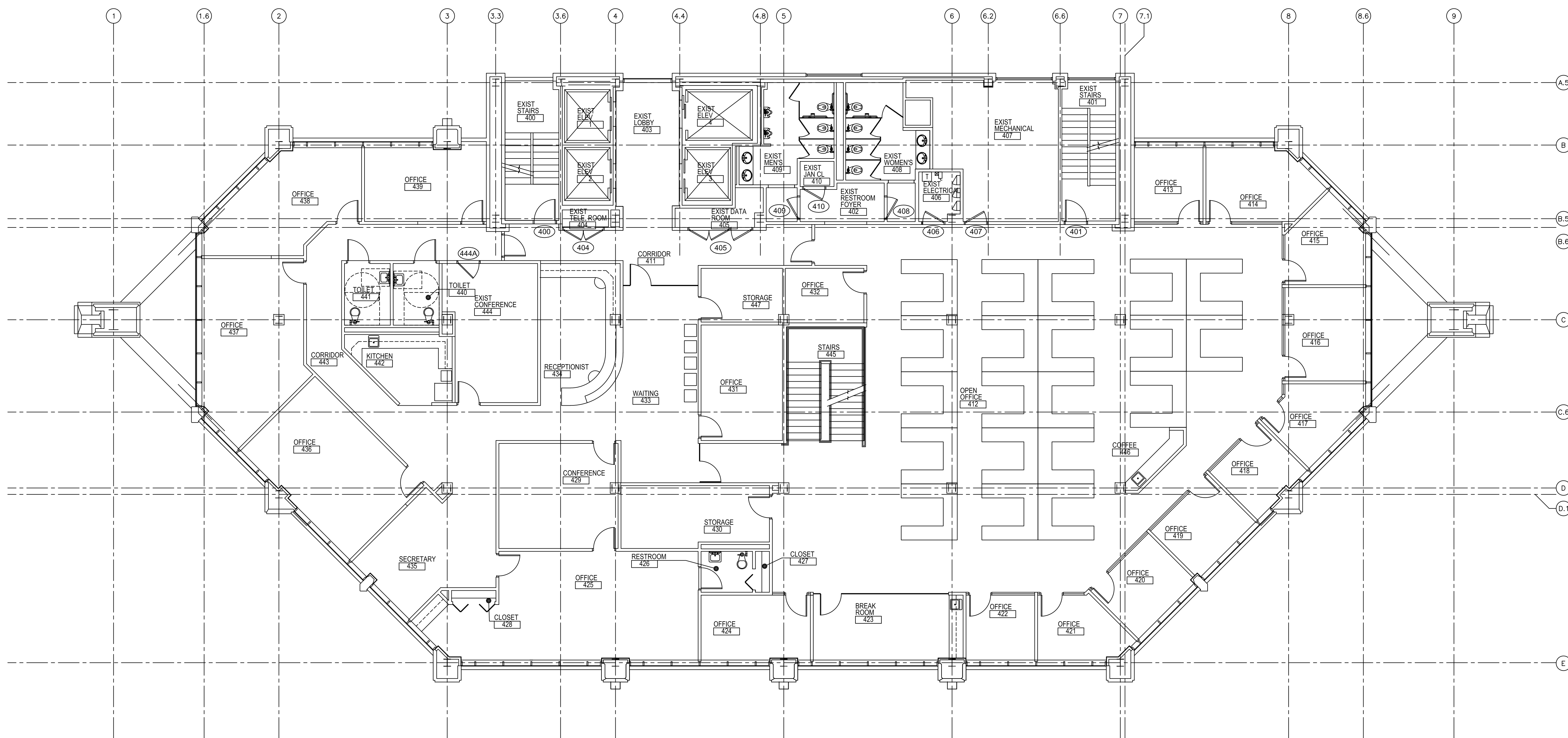
PRELIMINARY   
DESIGN DEVELOPMENT   
CONSTRUCTION   
FINAL RECORD   
DRAWN BY: KAN  
CHECKED BY: RS

REVISIONS

DATE: OCTOBER 23, 2023  
SHEET NO.

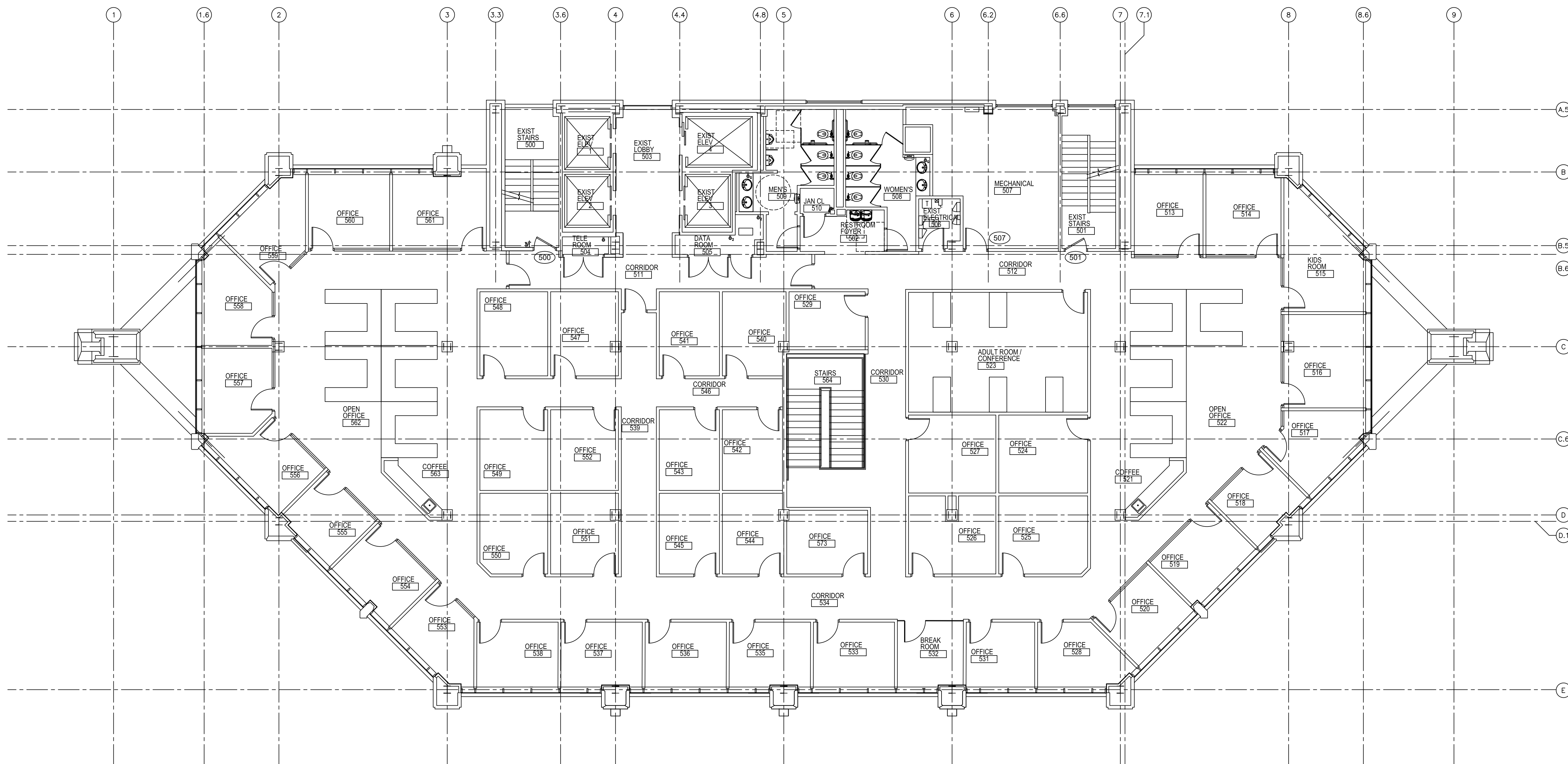
**A1.4A**

JOB NO.  
231996



1  
A1.4A  
COMPOSITE FLOOR PLAN - FOURTH FLOOR  
SCALE: 1/8" = 1'-0"

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



1  
A1.5A  
COMPOSITE FLOOR PLAN - FIFTH FLOOR  
SCALE: 1/8" = 1'-0"  
N

ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
FIFTH FLOOR

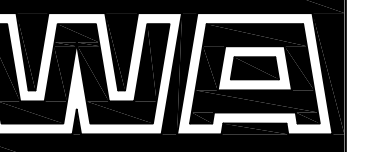
- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD
- DRAWN BY: KAN
- CHECKED BY: RS

NO.	REVISIONS

DATE: OCTOBER 23, 2023  
SHEET NO.

**A1.5A**

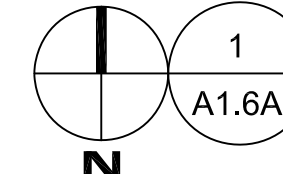
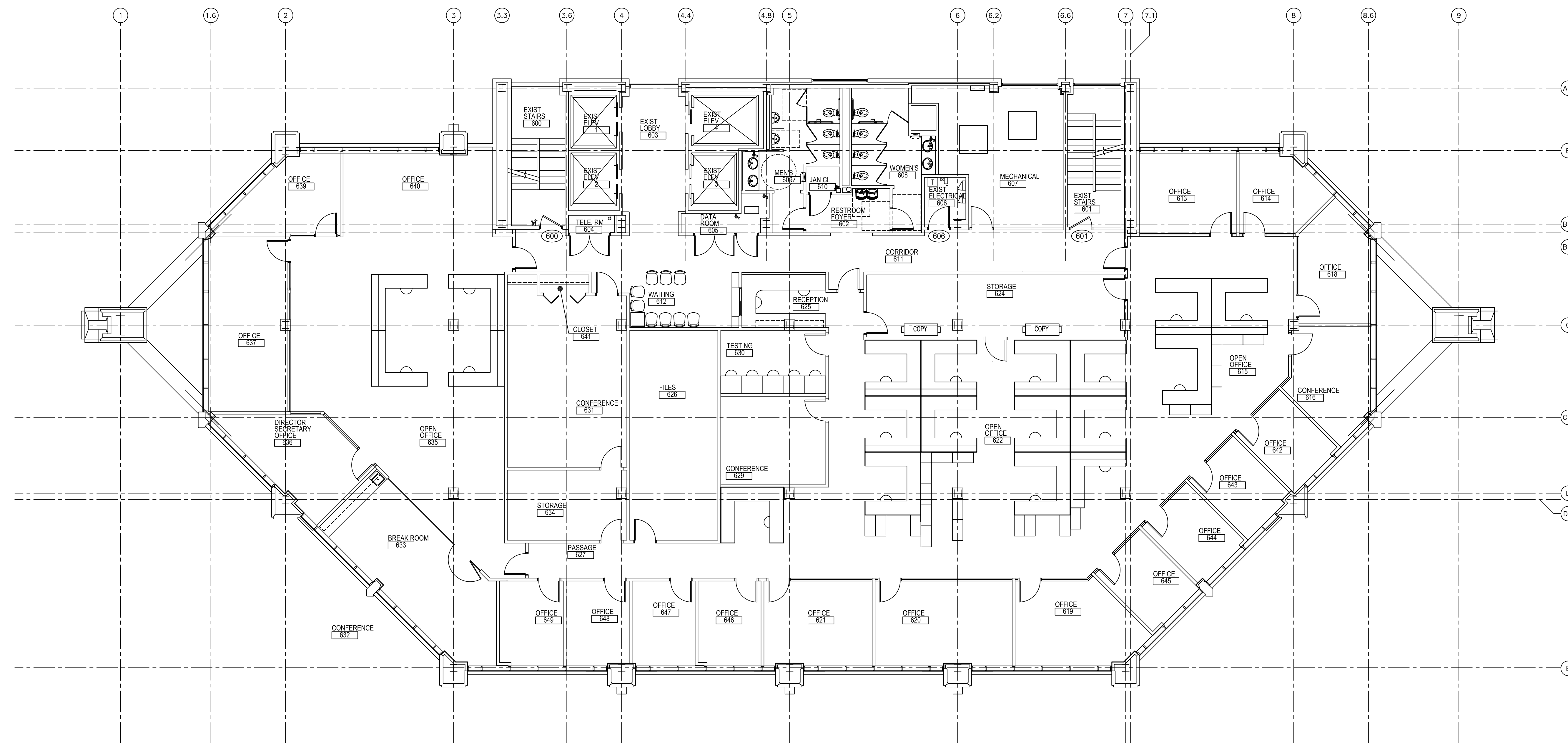
JOB NO. 231996



WAKELY ASSOCIATES, INC.  
ARCHITECTS

30500 VAN DYKE AVENUE  
SUITE 209  
WARREN, MICHIGAN 48093  
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www.WakelyAA.com

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



1  
A1.6A  
COMPOSITE FLOOR PLAN - SIXTH FLOOR  
SCALE: 1/8" = 1'-0"

ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
SIXTH FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD
- DRAWN BY: KAN
- CHECKED BY: RS

REVISIONS

NO.	DESCRIPTION

DATE: OCTOBER 23, 2023

SHEET NO.

A1.6A

JOB NO. 231996

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING

ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
SEVENTH FLOOR

PRELIMINARY   
DESIGN DEVELOPMENT   
CONSTRUCTION   
FINAL RECORD

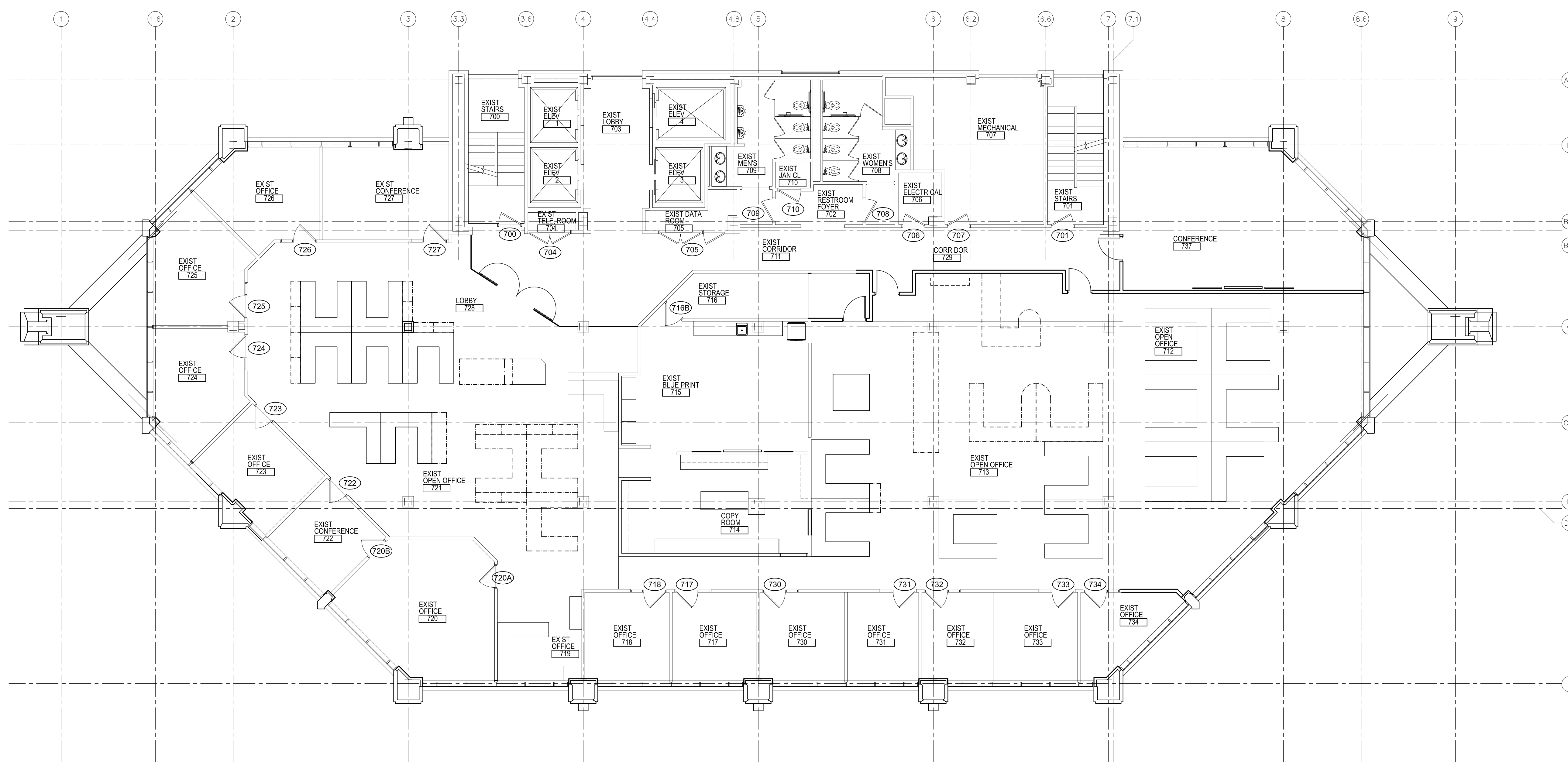
DRAWN BY: KAN  
CHECKED BY: RS

REVISIONS

DATE: OCTOBER 23, 2023  
SHEET NO.

**A1.7A**

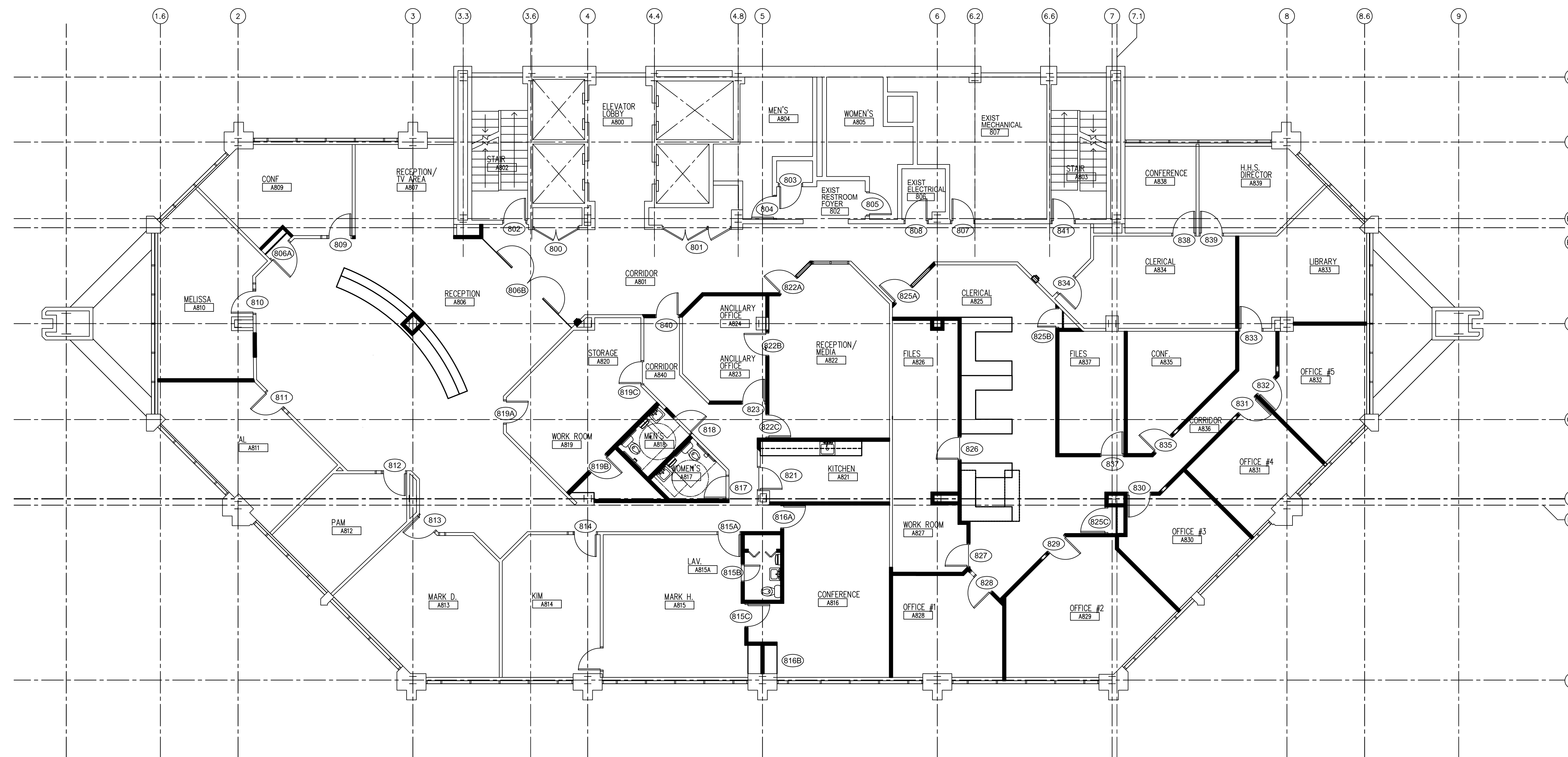
JOB NO.  
231996



**1**  
**A1.7A**  
COMPOSITE FLOOR PLAN - SEVENTH FLOOR  
SCALE: 1/8" = 1'-0"



MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
EIGHTH FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY: KAN  
CHECKED BY: RS

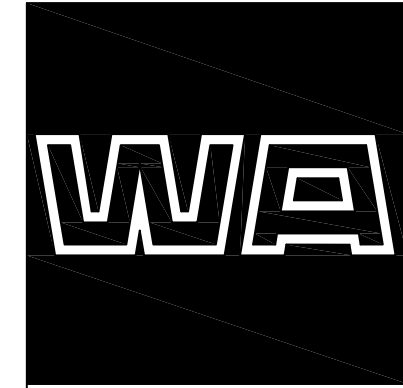
REVISIONS


DATE: OCTOBER 23, 2023  
SHEET NO.

**A1.8A**

JOB NO. 231996

1  
A1.8A  
COMPOSITE FLOOR PLAN - EIGHTH FLOOR  
SCALE: 1/8" = 1'-0"



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# MACOMB COUNTY BOARD OF COMMISSIONERS DOOR HARDWARE RENOVATION PROJECT ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING

ADMINISTRATION BUILDING  
COMPOSITE FLOOR PLAN -  
NINTH FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY: KAN

CHECKED BY: RS

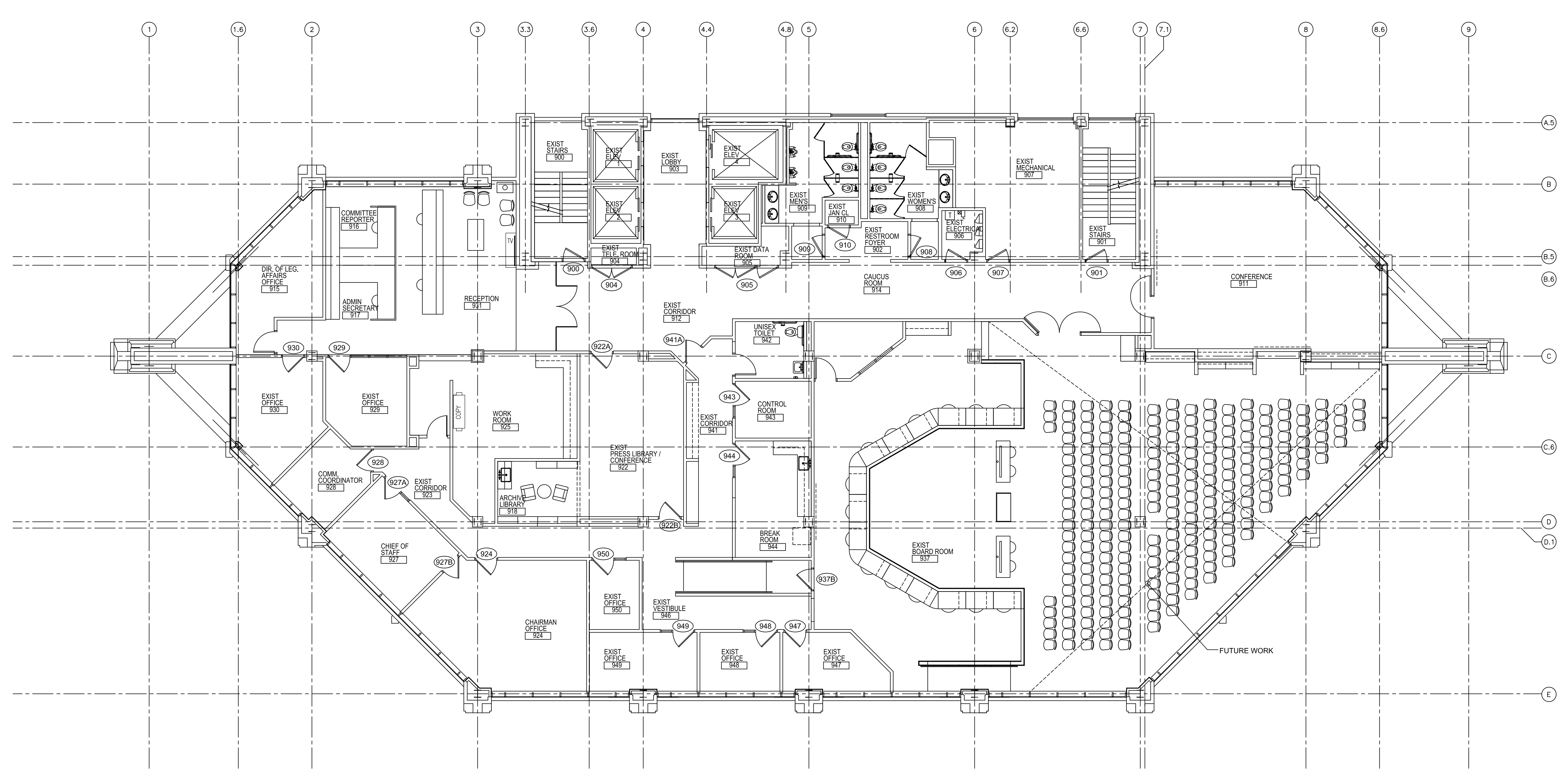
REVISIONS


DATE: OCTOBER 23, 2023

SHEET NO.

## A1.9A

JOB NO. 231996



1  
A1.9A  
**COMPOSITE FLOOR PLAN - NINTH FLOOR**  
 SCALE: 1/8" = 1'-0"





**MACOMB COUNTY BOARD OF COMMISSIONERS  
DOOR HARDWARE RENOVATION PROJECT  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING**

16TH CIRCUIT COURT  
BUILDING  
COMPOSITE FLOOR PLAN -  
LOWER LEVEL

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

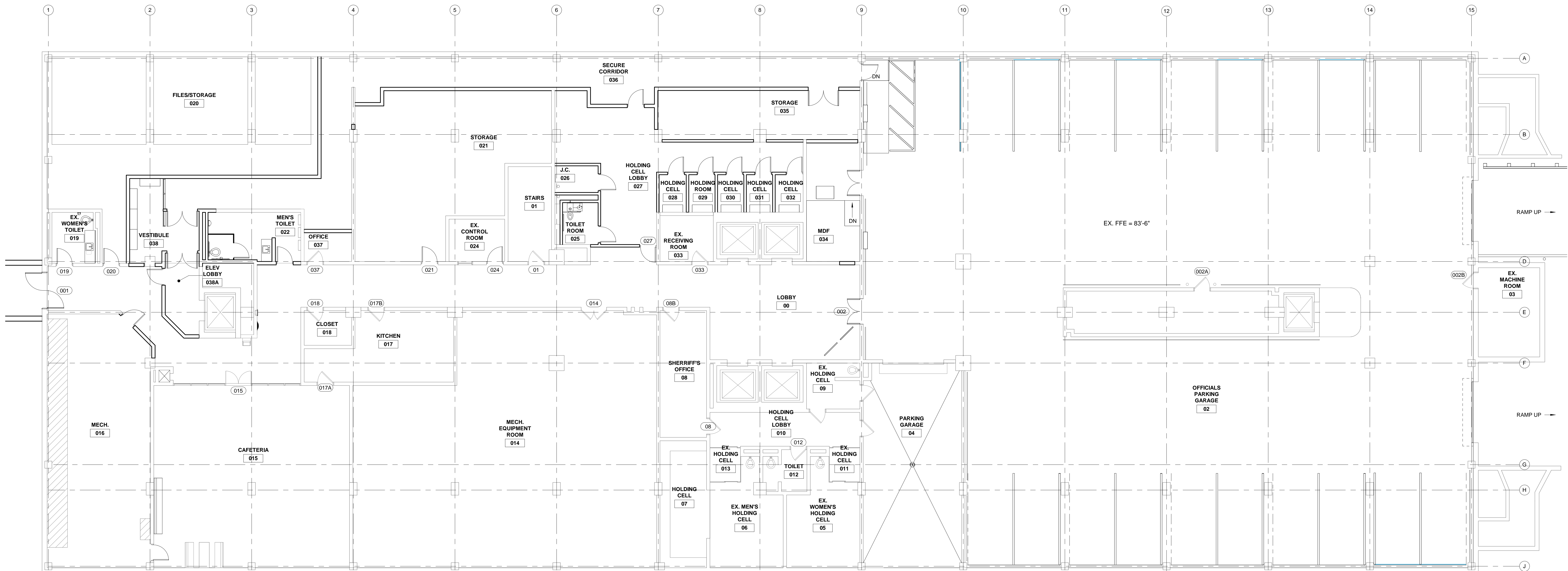
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DATE: OCTOBER 23, 2023  
SHEET NO.:

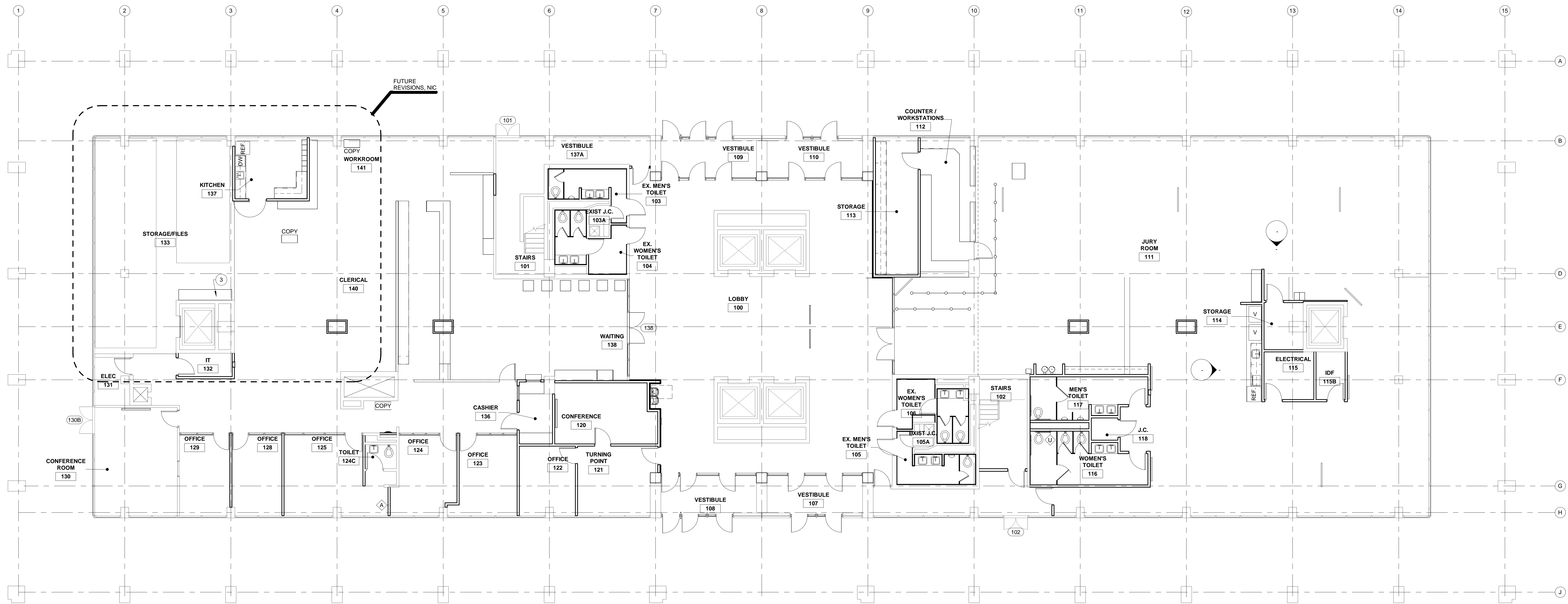
**A1.0C**

JOB NO.: 231996



**1** COMPOSITE FLOOR PLAN - LOWER LEVEL  
1/8" = 1'-0"

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



16TH CIRCUIT COURT BUILDING  
COMPOSITE FLOOR PLAN - FIRST FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY: KAN  
CHECKED BY: RAS

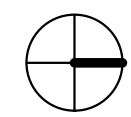
REVISIONS:

DATE: OCTOBER 23, 2023  
SHEET NO.:

**A1.1C**

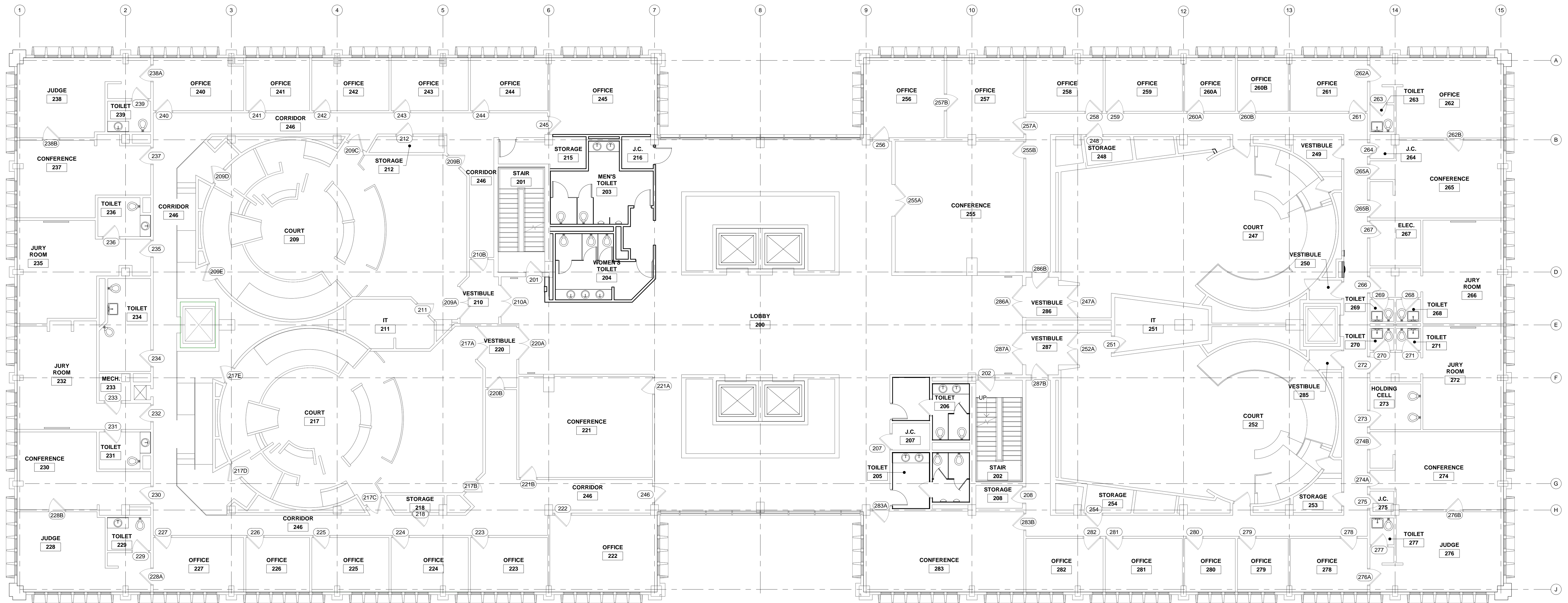
JOB NO.: 231996

1 COMPOSITE FLOOR PLAN - FIRST FLOOR  
1/8" = 1'-0"





MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



16TH CIRCUIT COURT BUILDING  
COMPOSITE FLOOR PLAN - SECOND FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY: KAN  
CHECKED BY: RAS

REVISIONS:

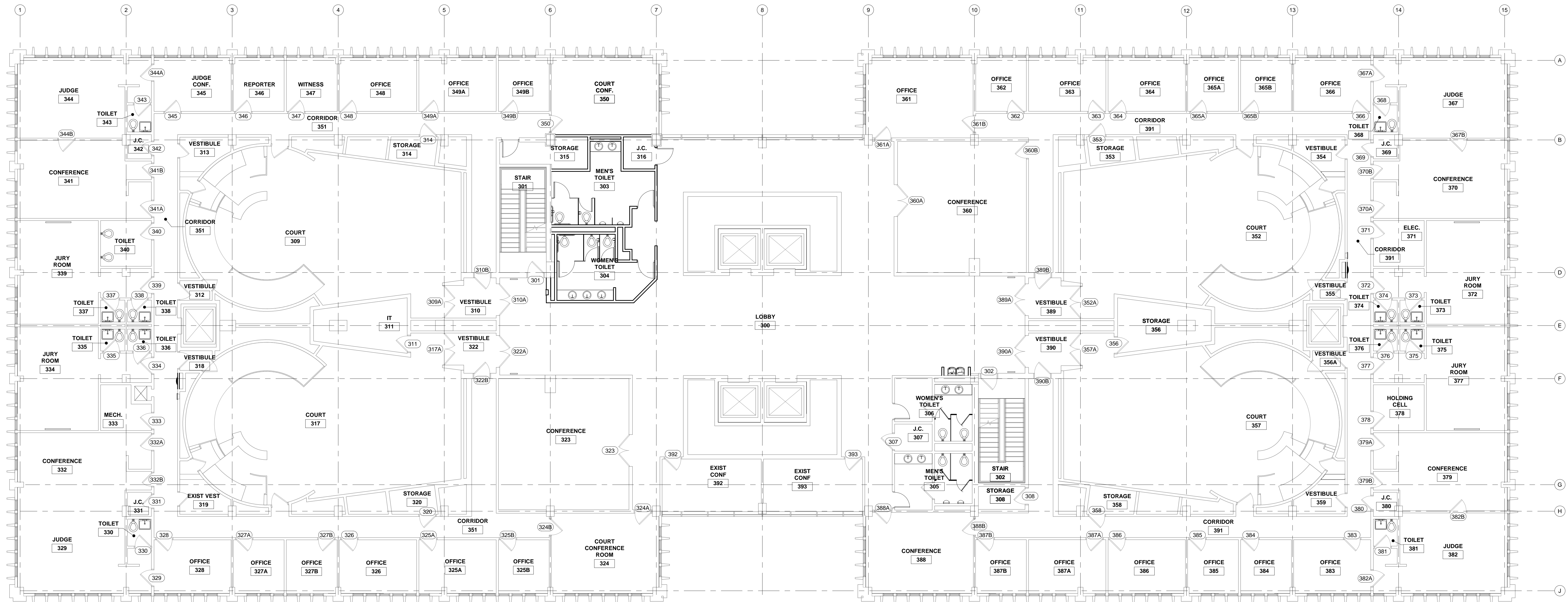
DATE: OCTOBER 23, 2023  
SHEET NO.:

**A1.2C**

JOB NO.: 231996

**1** COMPOSITE FLOOR PLAN - SECOND FLOOR  
1/8" = 1'-0"

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



16TH CIRCUIT COURT BUILDING  
COMPOSITE FLOOR PLAN - THIRD FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY: KAN  
CHECKED BY: RAS

REVISIONS:

DATE: OCTOBER 23 2023  
SHEET NO.:

**A1.3C**

JOB NO.: 231996

1 COMPOSITE FLOOR PLAN - THIRD FLOOR  
1/8" = 1'-0"

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING

16TH CIRCUIT COURT  
BUILDING  
COMPOSITE FLOOR PLAN -  
FOURTH FLOOR

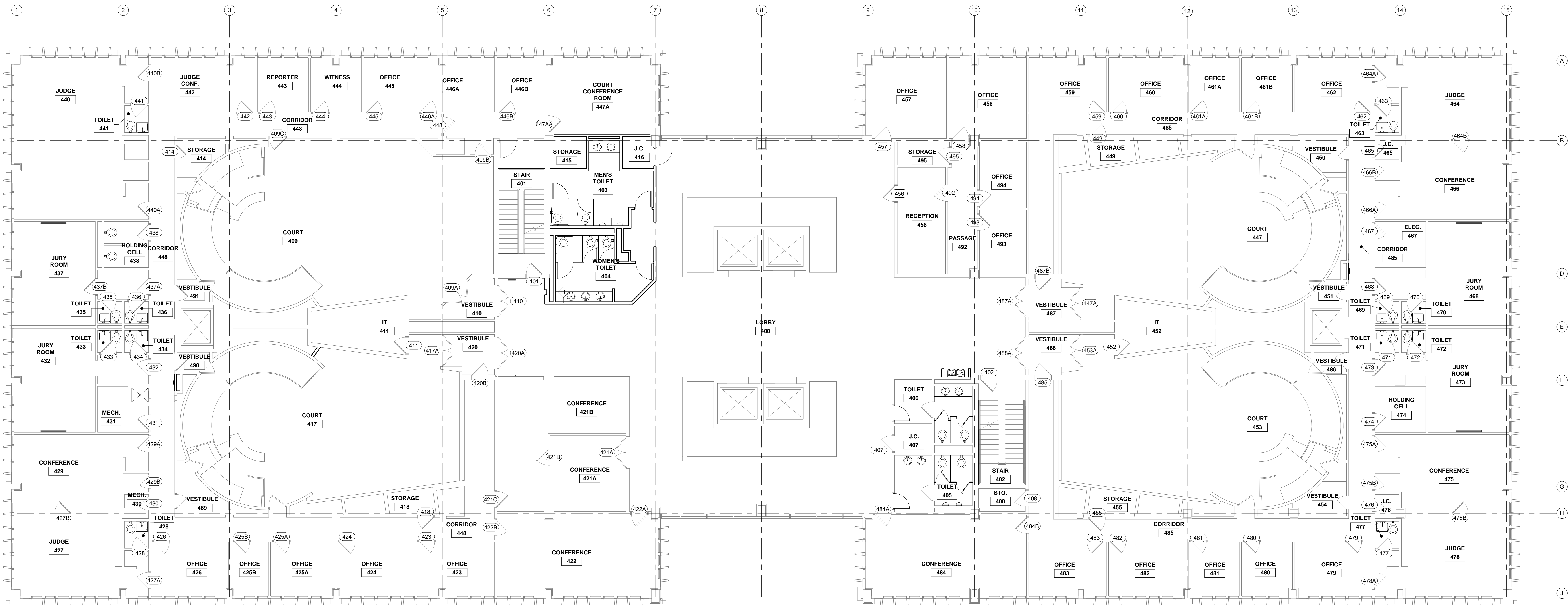
- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

DRAWN BY: KAN  
CHECKED BY: RAS  
REVISIONS:

DATE: OCTOBER 23, 2023  
SHEET NO.:

**A1.4C**

JOB NO.: 231996



1 COMPOSITE FLOOR PLAN - FOURTH FLOOR  
1/8" = 1'-0"



MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING

16TH CIRCUIT COURT  
BUILDING  
COMPOSITE FLOOR PLAN -  
FIFTH FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

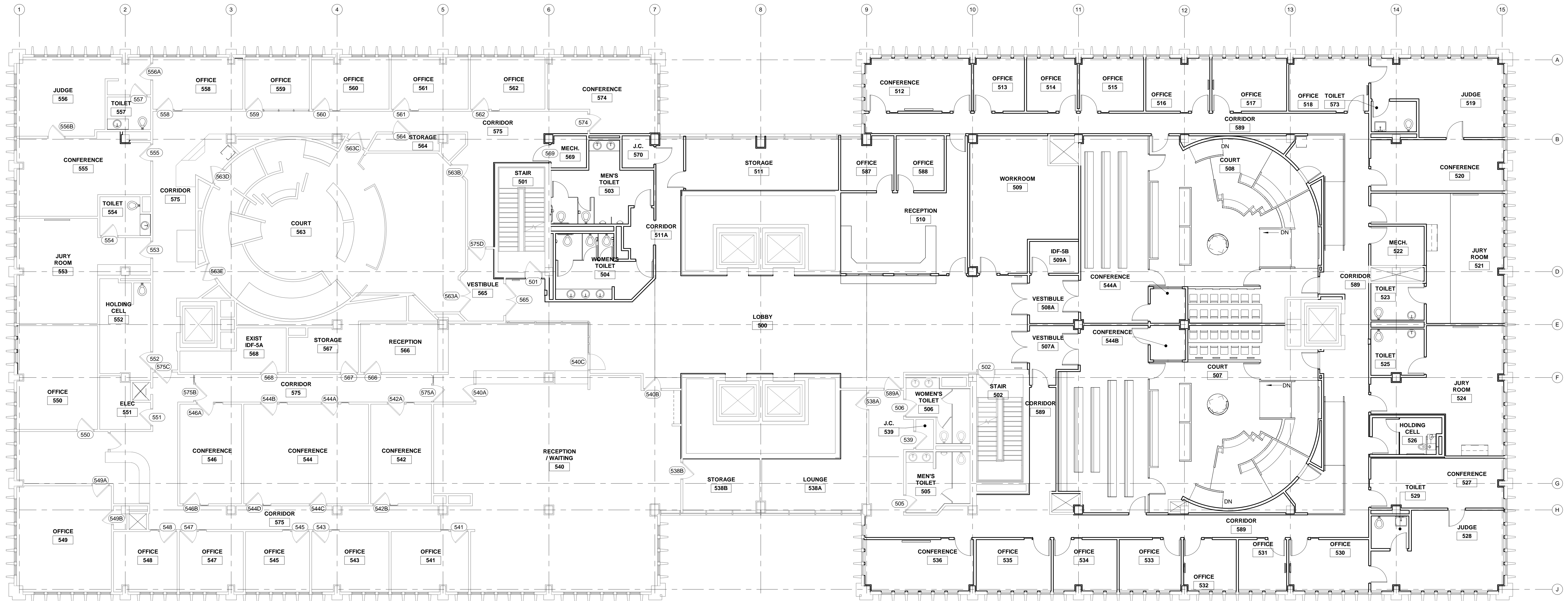
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DATE: OCTOBER 23, 2023  
SHEET NO.:

**A1.5C**

JOB NO.: 231996



**1** COMPOSITE FLOOR PLAN - FIFTH FLOOR  
1/8" = 1'-0"

MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARDWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING

16TH CIRCUIT COURT  
BUILDING  
COMPOSITE FLOOR PLAN -  
SIXTH FLOOR

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

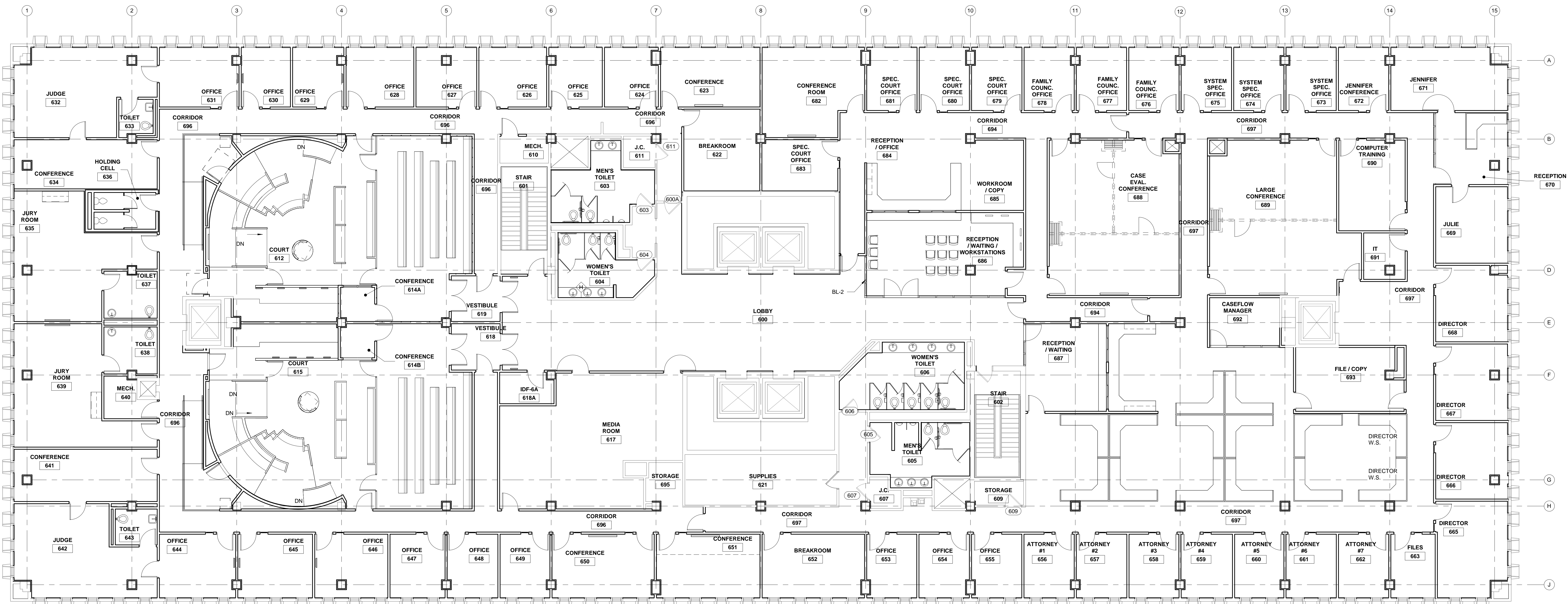
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REVISIONS:

DATE: OCTOBER 23, 2023  
SHEET NO.:

**A1.6C**

JOB NO.: 231996

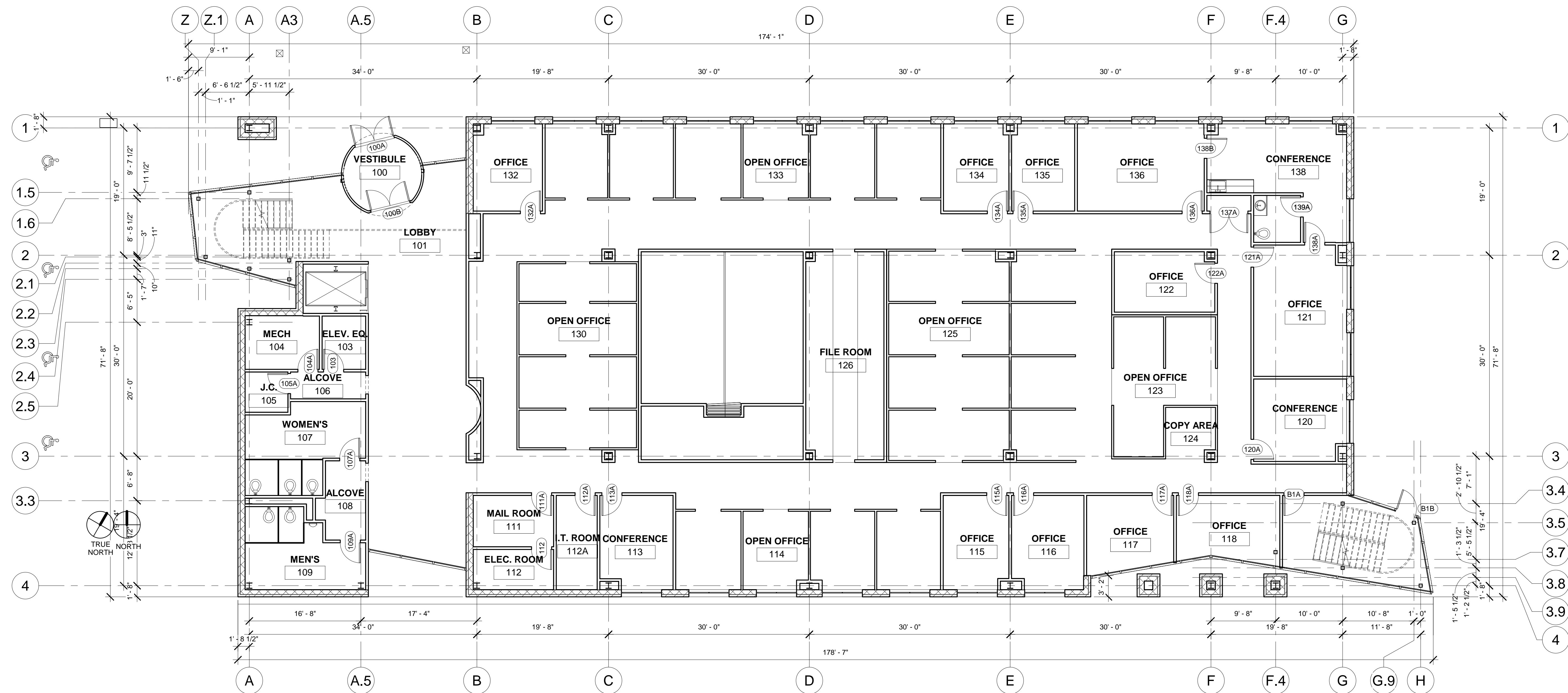


1 COMPOSITE FLOOR PLAN - SIXTH FLOOR  
1/8" = 1'-0"





MACOMB COUNTY BOARD OF COMMISSIONERS  
**DOOR HARWARE RENOVATION PROJECT**  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING



**1** FIRST FLOOR COMPOSITE PLAN  
A1.0T 1/8" = 1'-0"

TALMER BUILDING  
FIRST FLOOR COMPOSITE PLAN

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD

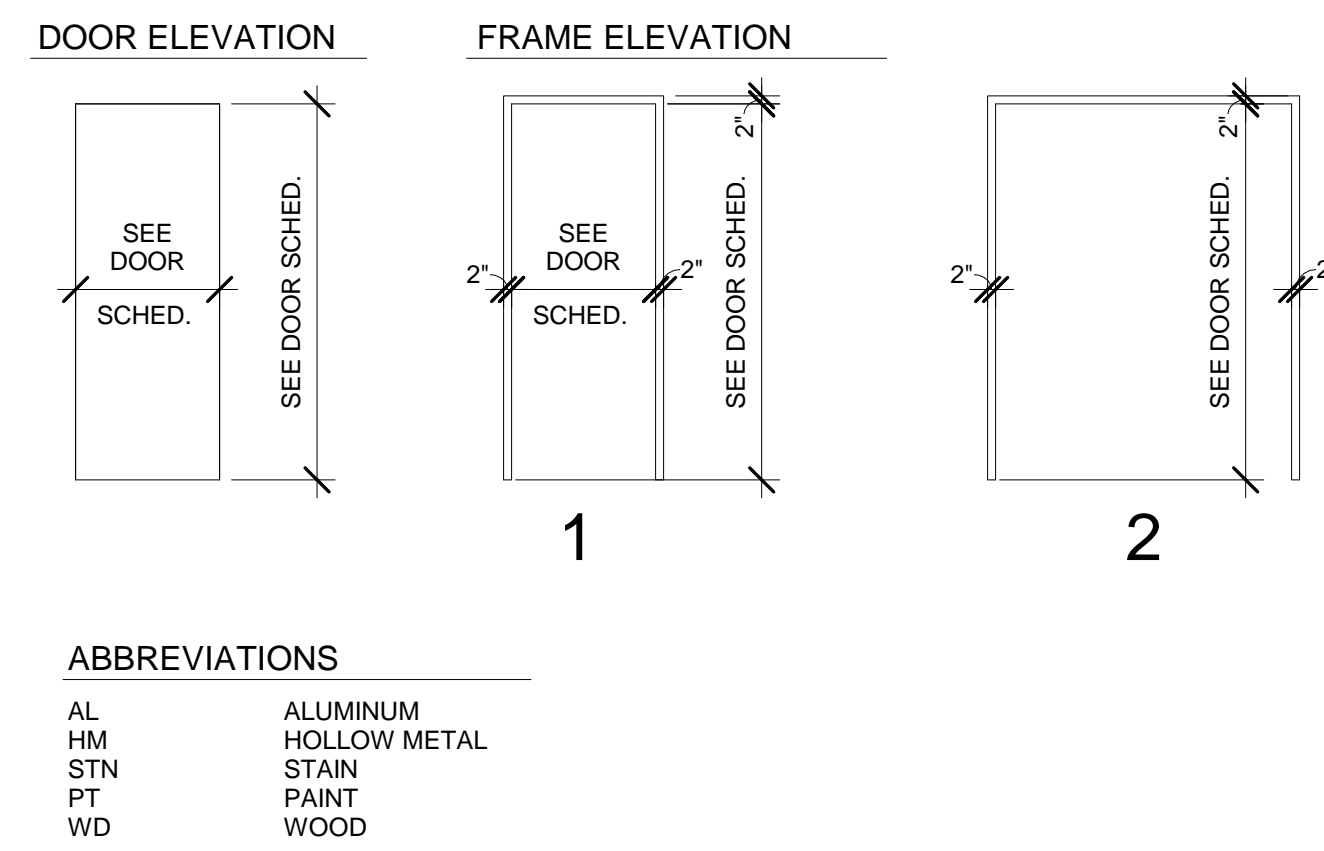
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DATE: OCTOBER 23, 2023  
SHEET NO.:

**A1.0T**

JOB NO.: 231996



Mark	Width	Height	Door Material	Door Finish	Frame Type	Frame Material	Finish	Fire Rating	Hardware Sets	Comments
100A	6'-0"	7'-0"	AL	PFN	2	AL	PFN		01	
100B	6'-0"	7'-0"	AL	PFN	2	AL	PFN		02	
103	3'-0"	8'-0"	HM	PT	1	HM	PT		01	
104A	3'-0"	8'-0"	HM	PT	1	HM	PT		01	
105A	3'-0"	8'-0"	HM	PT	1	HM	PT		01	
107A	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
109A	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
111A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
112	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
112A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
113A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
115A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
116A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
117A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
118A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
120A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
121A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
122A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
132A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
134A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
135A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
136A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
137A	5'-8"	6'-8"	WD	STN	1	HM	PT			
138A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
138B	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
139A	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
146	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
147	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
148	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
149	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
201	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
202	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
204	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
205	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
207	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
209	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
210	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
211	3'-0"	8'-0"	WD	STN	1	HM	PT		01	

Mark	Width	Height	Door Material	Door Finish	Frame Type	Frame Material	Finish	Fire Rating	Hardware Sets	Comments
212	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
213	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
214	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
215	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
216	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
217	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
218	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
219	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
220	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
221	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
223	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
224	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
225	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
226	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
227A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
227B	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
228	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
229	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
230	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
232A	3'-4"	7'-8"	WD	STN	2	HM	PT		01	
232B	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
233	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
233A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
234	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
236A	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
237	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
238	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
239	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
240	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
241	3'-0"	8'-0"	WD	STN	1	HM	PT		01	
242	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
243	3'-0"	8'-0"	WD	STN	1	HM	PT		02	
244	3'-0"	8'-0"	WD	STN	1	HM	PT		1	
B1A	3'-0"	8'-0"	WD	STN	1	HM	PT			
B1B	3'-0"	8'-0"	HM	PT	1	HM	PT			



1 SECOND FLOOR COMPOSITE PLAN  
A1.1T  
1/8" = 1'-0"  
TRUE NORTH



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MACOMB COUNTY BOARD OF COMMISSIONERS  
DOOR HARWARE RENOVATION PROJECT  
ADMINISTRATION, 16TH CIRCUIT COURT AND TALMER BUILDING

TALMER BUILDING  
SECOND FLOOR  
COMPOSITE PLAN AND  
DOOR SCHEDULES

PRELIMINARY   
DESIGN DEVELOPMENT   
CONSTRUCTION   
FINAL RECORD

DRAWN BY: KAN  
CHECKED BY: RAS

REVISIONS:

DATE: OCTOBER 23, 2023  
SHEET NO.:

A1.1T

JOB NO.: 231996