July 12, 2019

ADDENDUM NUMBER ONE (1)

Project: Ridgeland City Hall
City of Ridgeland
PN: 14084

FROM: Dean and Dean/Associates Architects, P.A.
4400 Old Canton Road, Suite 200
Jackson, MS 39211
(601) 939-7717

The following additions, changes, clarifications and/or substitutions to the Project Drawings as indicated, are hereby made a part of the Contract Documents. Acknowledge receipt of this Addendum by inserting its number and date in the Proposal Form where indicated.

Architectural Specifications:

Item #1: Section 002113 – Instructions To Bidders, as follows:

Replace in its entirety

Item #2: Section 004100- Bid Form, as follows:

Replace in its entirety

Item #3: Section 006200 – Certification Of Insurance, as follows:

Replace in its entirety.

Item #4: Section 014000 – Quality Requirements, as follows:

Replace in its entirety.

Item #5: Section 015000 – Temporary Facilities And Controls, as follows:

Replace in its entirety.

Item #6: Section 015213 – Field Offices And Sheds, as follows:

Replace in its entirety.

Item #7: Section 042000 –Unit Masonry, as follows:

Replace in its entirety.

Item #8: Section 087100 – Door Hardware and Hardware Schedule, as follows:

Replace in its entirety.

Item #9: Section 088000 – Glazing, as follows:

Replace in its entirety.

Item #10: Section 137000 – Bullet Resistant Transaction Window, as follows:

Replace in its entirety.

Architectural Drawings:

Item #1: Replace these sheets in their entirety:

Sheet A103
Sheet A105
Sheet A106
Sheet A107
Sheet A108
Sheet A501
Sheet A601

Civil

See attached Civil items and sheets provided by Waggoner Engineering

Sheet CO.4
Sheet C2.1
Sheet C2.2
Sheet C2.6
Sheet C2.7
Sheet C4.1
Sheet C4.2
Sheet C4.3
Sheet C4.4
Sheet C4.9
Sheet C4.10
Sheet C4.11
Sheet C4.12

Structural

See attached Structural items and sheets provided by Spencer Engineers

Sheet S101
Sheet S102
Sheet S103
Sheet S104
Sheet S105
Sheet S106
Sheet S201

Landscape

See attached Landscape sheets provided by Trent Rhodes

Sheet L100
Sheet L101
Sheet L102
Sheet L103
Sheet L200
Sheet L201
Sheet L202
Sheet L203
Sheet L300
Sheet L301

Plumbing

See attached Plumbing sheets provided by Engineering Resource Group

Sheet P101
Sheet P105

Electrical

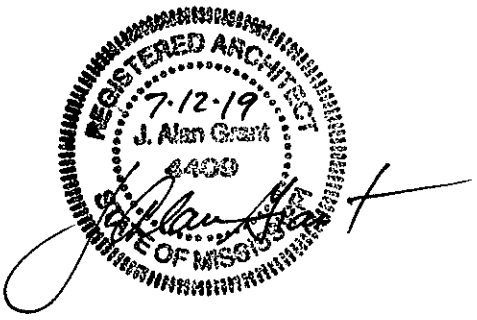
See attached Electrical items and sheets provided by Jon Rice and Associates

Sheet E0.2
Sheet E0.3
Sheet E1.2
Sheet E2.2
Sheet E6.1

End of Addendum Number One (1)

Dean and **Dean/Associates**
architects p.a.

J. Alan Grant, AIA, Vice President



PLEASE ATTACH THIS ADDENDUM TO THE INSIDE FRONT COVER OF EACH SET OF SPECIFICATIONS.

SECTION 004100

BID FORM

THE PROJECT AND THE PARTIES

1.01 TO:

A. Owner
   1. The City of Ridgeland
      304 Highway 51
      Ridgeland, MS 39157

1.02 FOR:

A. Ridgeland City Hall

   Highway 51, Ridgeland, MS 39157

1.03 DATE: _____ (BIDDER TO ENTER DATE)

1.04 SUBMITTED BY: (BIDDER TO ENTER NAME AND ADDRESS)

A. Bidder's Full Name _____
   Address _____
   City, State, Zip_____

1.05 OFFER

A. Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Bid Documents prepared by _____ for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:

B. Prime General Works Base Bid_____
_____ dollars
($_____), in lawful money of the United States of America.

C. Prime Mechanical Plumbing Base Bid_____
_____ dollars
($_____), in lawful money of the United States of America.

D. Prime Electrical Base Bid_____
_____ dollars
($_____), in lawful money of the United States of America.

E. Additive Alternate #1 (Green Space Addition as defined in Drawings) _____
_____ dollars
($_____), in lawful money of the United States of America.

F. Additive Alternate #2 (Green Space Addition as defined in Drawings)_____
_____ dollars
($_____), in lawful money of the United States of America.

G. Additive Alternate #3 (Drilled Piers under patios as defined in Drawings)_____
_____ dollars
($_____), in lawful money of the United States of America.

H. We have included the required security deposit as required by the Instruction to Bidders.

I. All applicable federal taxes are included and State of _____ taxes are included in the Bid Sum.

J. All Cash and Contingency Allowances described in Section 012100 - ALLOWANCES are included in the Bid Sum.

1.06 ACCEPTANCE

A. This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date.

B. If this bid is accepted by Owner within the time period stated above, we will:

1. Execute the Agreement within seven days of receipt of Notice of Award.
2. Furnish the required bonds within seven days of receipt of Notice of Award.

C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.

D. In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

1.07 CONTRACT TIME

A. If this Bid is accepted, we will:

Complete the Work in 485 calendar days from Notice to Proceed.

B. Compete work in accordance with the contract documents.

1.08 UNIT PRICES

A. The following Unit Prices will apply to authorized changes in quantities of items added or deducted from the Work. these unit prices shall remain fixed throughout the length of the contract from the date of the signatures of the contract between the Owner and the Contractor. during this period, the Owner shall have the option to execute change orders to the Contract for Construction for any or all of the items listed below in the quantities selected and at the unit prices so stated.

B. Unit Prices for Drilled Piers

1. Change in Length (included drilling, earth removal, concrete, etc.)
   a. Shaft Diameter
      16"Add $_____/ftDeduct $_____/ft
      18"Add $_____/ftDeduct $_____/ft
      24"Add $_____/ftDeduct $_____/ft
      30"Add $_____/ftDeduct $_____/ft
      36"Add $_____/ftDeduct $_____/ft
      42"Add $_____/ftDeduct $_____/ft
      48"Add $_____/ftDeduct $_____/ft
2. Casing of Shaft (if required)
      16"Add $_____/ft
      18"Add $_____/ft
      24"Add $_____/ft
      30"Add $_____/ft
      36"Add $_____/ft
      42"Add $_____/ft
      48"Add $_____/ft
3. Reinforcing Steel (in place)
      Add $_____/pound

C. Unit Prices for Soils

1. Undercut
   a. Add $_____per Compacted Yard Measured in Place.
   b. Deduct $_____per Compacted Yard Measured in Place.
2. Haul Off
   a. Add $_____per Compacted Yard Measured in Place.
   b. Deduct $_____per Compacted Yard Measured in Place.
3. Haul In
   a. Add $_____per Compacted Yard Measured in Place.
   b. Deduct $_____per Compacted Yard Measured in Place.

2.01 CHANGES TO THE WORK

A. When Architect and Construction Manager establishes that the method of valuation for Changes in the Work will be net cost plus a percentage fee in accordance with General Conditions, our percentage fee will be:
   1. Fifteen (15) percent overhead and profit on the net cost of our own Work;
   2. Ten (10) percent on the cost of work done by any Subcontractor.
   3. Markup for profit and overhead will not be allowed for items to be paid from project allowances identified in Section 01210.

2.02 ADDENDA

A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.
   1. Addendum # _____ Dated _____.
   2. Addendum # _____ Dated _____.
   3. Addendum # _____ Dated _____.
   4. Addendum # _____ Dated _____.

2.03 BID FORM SUPPLEMENTS

A. The following Supplements are attached to this Bid Form and are considered an integral part of this Bid Form:
   1. Document 00431 - Supplement A - Subcontractors: Include the names of the listed Subcontractors. Supplement A to be submitted within 24 hours of bid opening.

2.04 BID FORM SIGNATURE(S)

A. The Corporate Seal of

_____

(Bidder - print the full name of your firm)

was hereunto affixed in the presence of:

_____

(Authorized signing officer, Title)

B. If the Bid is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

END OF BID FORM

SECTION 002113
INSTRUCTIONS TO BIDDERS

PART 1 - GENERAL

1.01 GENERAL REQUIREMENTS

A. Interpretations: Should a bidder find discrepancies in or omissions from the plans and specifications or be in doubt as to their written meaning, he should immediately notify the Architect in writing. The Architect will then send a written instruction or interpretation to all known holders of the documents if deemed appropriate by the Architect. Neither the Owner nor the Architect will be responsible for nor bound by any oral instructions.

B. Addenda: Any addenda to the plans and/or specifications issued before or during the time of bidding will become a part of the Contract and receipt of same must be acknowledged by Bidder in his proposal.

C. Substitutions: Refer to Section 007300 and to Section 016000 - Product Requirements : Bidder is advised that some sections of the specifications do not allow for substitutions and that the requirements of Sections 007300 and 016000 must be strictly complied with to obtain a substitution where substitution is allowed. Failure to strictly comply with Sections 007300 and 016000 and any requirements in the technical specifications which do not conflict with and which are in addition to Sections 007300 and 016000 may, in the Owner's sole discretion, result in the rejection of the request for substitution. The Architect will not consider requests for substitutions during bidding.

D. Non-Asbestos Containing Materials: The Contractor shall furnish a letter of Certification of non-use of asbestos containing materials prior to Substantial Completion in accordance with Section 007300.

E. Pre-Bid Conference:
   1. **A Pre-Bid Conference has been scheduled for 2:00 p.m. on July 9th at Ridgeland City Hall.**
      a. All Prime Bidders, Subcontractors and Suppliers are urged to attend.
      b. All Prime Bidders are expected to visit the site, and familiarize themselves of all conditions relating to the Work prior to the pre-bid conference. Failure to visit the site will in no way relieve the successful Bidder from his obligation to complete all work in accordance with the Contract Documents without additional cost to the Owner.

1.02 BIDDING

A. Contract for Construction: A Multiple Prime Contract based on a Stipulated Price (base bid and alternates) as described in Section 005000 Contracting Forms and Supplements.

B. Prime Contracts: The Work as described in the Drawings and Specifications will be divded into the following Prime Contracts:
   1. General Works including all Civil, Landscape, Architectural, Structural, and Fire Protection.
   2. Mechanical and Plumbing
   3. Electrical

C. General Contractors, Subcontractors and Suppliers: The Bidder is specifically advised that any person, firm, or other party to whom it is proposed to award a Contract, Subcontract or Purchase Order must be acceptable to the Owner and Construction Manager.
   1. The Owner may make such investigation as he deems necessary to determine the ability of the Bidder or subcontractors or suppliers to perform the work, and the Bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Contract and to complete the work contemplated therein within the time required.
   2. All subcontractors must have a current, valid, Contractor's License.
   3. Listing of Subcontractors and Suppliers:

a. List is to be submitted within 24 hours of bid opening.
b. Failure to submit subcontractors that may be required on the Bid Form within 24 hours of bid time may result in the rejection of the Bidder's bid as non-responsive.
c. The successful Bidder shall use the subcontractor and supplier identified by him as being included in his lump sum price, provided however, the Bidder assumes the risk that the subcontractor or supplier listed will be acceptable to the Owner, Architect, and Construction Manager. The Bidder shall not substitute another subcontractor for the listed subcontractor or supplier unless agreed to in writing by the Owner.
d. If Bidder lists itself as a supplier for any of the classifications listed, then the Bidder will be required to furnish such product from its manufacturing inventory and to demonstrate to the Owner, Architect, and Construction Manager that it has satisfactory qualifications and prior experience manufacturing and furnishing such materials, equipment and/or products. If Bidder lists itself as a subcontractor for any of the classifications listed, then the Bidder will be required to perform the work with its own regularly employed personnel and to demonstrate to the Owner, Architect, and Construction Manager that it has satisfactory qualifications and prior experience performing such work with its own regularly employed personnel. The Owner reserves the right to reject any bid if the evidence submitted by Bidder fails to satisfy the Owner that the Bidder has satisfactory qualifications and prior experience performing such work and/or furnishing such materials, equipment and/or products.

4. Assignment of Job Personnel:
a. All Prime Contractors (General Works, Mechanical, and Electrical) must submit the name and experience of the assigned Project Manager and Job Site Superintendent.
b. Include current resume and list of last (3) jobs completed. References not required.
c. Information is to be submitted within 24 hours of bid opening.
d. Assigned personnel must remain on the job until completion, including final punch list and closeout, unless specifically requested and approved by Owner and Construction Manager.
e. Owner and Construction Manager reserve the right to reject assigned personnel and request a resubmition.

1.03 CERTIFICATE OF RESPONSIBILITY

A. Each Prime Bidder submitting a bid in excess of $50,000.00 must show on his bid and on the face of the envelope containing the bid, his Certificate of Responsibility Number, as required by Section 31-3-15 and 31-3-21 (latest edition) Mississippi Code of 1972. If the bid does not exceed $50,000.00, a notation so stating must appear on the face of the envelope.

B. In accordance with Mississippi law, if the Prime Bidder is a joint venture, either the joint venture or all of the Contractors which make up the joint venture must hold certificates of responsibility from the State Board of Contractors. Each of the Contractors participating in the bid must indicate their individual Certificate of Responsibility numbers on the bid and on the face of the envelope.

C. Each subcontractor whose Subcontract exceeds $50,000.00 shall have a Certificate of Responsibility Number, as required by Section 31-3-15 and 31-3-21 (latest revision), Mississippi Code.

D. Evidence: No bid will be opened, considered or accepted unless the above information is given as specified. Sufficient evidence that said Certificate of Responsibility has been issued and is in effect at the time of receiving bids must be submitted when required by the Owner or the Architect. Likewise, it shall be the responsibility of the Prime Contractor to require a Certificate of Responsibility Number from any subcontractor that falls in the category of "B" above.

1.04 NON-RESIDENT CONTRACTOR

A. When a non-resident Contractor submits a bid for a Mississippi public project, he shall, prior to submission of the bid, attach thereto a copy of his resident State's current law pertaining to such States treatment of non-resident Contractors as required by Section 31-3-15 and 31-3-21, Mississippi Code, (latest revisions) or, if the State has no such law, a statement indicating the

"State of (name of State) has no resident Contractor preference law". Failure to include this information or statement will result in the bid being considered non-responsive and it will be rejected.

1.05 BID SECURITY

A. Each bid, exceeding $5,000.00 must be accompanied by the Prime Bidder's certified check or a bid bond duly executed by the Bidder as principal and wherein the security on such bond will be by a duly authorized surety company deemed to do business in the State of Mississippi which is acceptable to the Owner, in the amount of five percent of the bid. All bid bonds must be accompanied by the appropriate Power of Attorney designating the Mississippi Resident Agent.

1.06 PREPARATION OF BID

A. Conditions of Work: Each Bidder must fully inform himself of the conditions relating to the construction of the project and employment of labor thereon. Failure to do so will not relieve a successful Bidder of his obligation to furnish all material and labor necessary to carry out the provisions of his Contract. The Contractor must employ methods or means to cause no interruptions of or interference with the work of any other Contractor.

B. Examination of Site: All Bidders, including the general contractor and subcontractors, will visit the site of the building, and inform themselves of all conditions. Failure to visit the site will in no way relieve the successful Bidder from his obligation to complete all work in accordance with the Contract Documents without additional cost to the Owner.

C. Staging and Access: All Bidders, including the prime contractors and subcontractors, acknowledge that the construction premises are restricted and that access is affected by the location of the Project, by the Facilities surrounding the Project and by other construction that may be performed during the performance of this Contract; All Bidders, including the prime contractors and subcontractors, further acknowledge that such limitations in space and accessibility have been taken into account in estimating their bids.

D. Laws and Regulations: The Bidder's attention is directed to the fact that all applicable state laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the project apply to the Contract. The successful Bidder shall be required to comply with all applicable laws, ordinances, rules and regulations at no additional cost to Owner whether such laws, ordinances, rules and/or regulations are enacted or adopted before or after bid opening.

E. Obligation of Bidder: At the time of opening of bids, Bidder will be presumed to have inspected the site and to have read and be thoroughly familiar with the plans and specifications, including all addenda. The submission of a Bid will be construed as conclusive evidence that the Bidder has made such examination.

F. Modification to Bid: A Bidder may modify the bid on the outside of the sealed envelope containing the bid.

G. Telegraphic Bids / Modifications: Absolutely no facsimile (fax), telegraphic bid or telegraphic modification of bid will not be considered.

H. Irregularities: The omission of any information requested on the Proposal Form may be considered as an informality, or irregularity, by the Owner when in their opinion the omitted information does not alter the amounts contained in the submitted bid proposal, or place other Bidders at a disadvantage.

1.07 PROPOSALS

A. Form: Submit all proposals on forms provided and fill all applicable blank spaces without interlineation, alteration, or erasure and recapitulations of the work to be done. No oral, telegraphic, or telephonic proposals will be considered. Receipt of any and all addenda issued during the bidding must be noted on the Proposal Form.

B. Electronic Bids will be accepted per the Advertisement for Bids.
   1. All Electronic Bids will be taken at www.centralbidding.com

C. Withdrawal: Any bid may be withdrawn prior to the time for opening of bids or authorized postponement thereof. Any bid received after the time and date specified will not be considered. All bids are irrevocable offers to contract at the price bid, which may not be withdrawn until 60 days after bid opening.

D. Submittal: Submit bids in duplicate in an opaque sealed envelope bearing on the outside, the name and Certificate of Responsibility number of the Bidder, his address, bid opening date, and time.

E. Unauthorized conditions, limitations, or provisions attached or on the outside of the envelope will render the bid non-responsive and it shall be rejected.

F. Mailing: If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed to:

The City of Ridgeland
Attn: Paula Tierce, City Clerk
304 Highway 51
Ridgeland, MS 39157
Bidders are urged to hand deliver their bid. Owner, Architect, and Construction Manager will not be responsible for mis-delivery of mail or express deliveries.

1.08 CONTRACT

A. Award of Contract: Award shall be made to the lowest and best Prime Bidder, pursuant to Mississippi law and these Instructions to Bidders. The lowest bid shall be the base bid or combination of base bid and those alternates which produce a total within available funds and in accordance with Owner priorities. The Owner reserves the right to waive irregularities and to reject any and all bids.

B. Disqualification of Bidder: The Owner reserves the right to award to other than the low Bidder when, in the Owner's judgment, it is in his best interest to do so. For instance, a Bidder may be disqualified for such reasons as:

1. Bidder being in arrears on existing contracts.
2. Bidder being in litigation with the Owner or the institution.
3. Bidder having defaulted on or failed to satisfactorily complete a previous contract with the Owner or institution, including Bidder's failure to satisfactorily fulfill the warranty obligations of a previous contract with the Owner or institution.
4. Bidder having failed to furnish the List of Subcontractors, materials and suppliers.
5. The above is not an inclusive list.

C. Security for Faithful Performance: When the bid exceeds $5,000.00, the Contractor will furnish simultaneously with his delivery of the executed Contract, a payment and a performance bond in accordance with Section 31-5-51 et. seq. of the Mississippi Code (latest edition) along with policies of insurance or insurance certificates as required by the Contract Documents. The surety on such bonds will be by a duly authorized surety company licensed to do business in the state of Mississippi, which is acceptable to the Owner.

D. Time of Completion: Contractor agrees to commence work on or before a date specified in a written "Notice to Proceed" and to fully complete the Project within the time agreed upon in the contract with the Owner.

E. Substantial Completion: Substantial Completion of the Project is as defined in the contract with the Owner and further requires the submittal by Contractor of all closeout documents required by Section 017000 and Section 017800, all ownership and maintenance manuals required by Section 013000 and/or the technical sections of the Contract.

F. Liquidated Damages for Failure to Substantially Complete Project in Time Stipulated: As defined and stated in the contract with the Owner.

1.09 BID DOCUMENTS

A. Plans and Specifications will be provided to the Prime Contractors through printed hard copy, digital pdf transfer or a combination of both.

B. Plans and Specifications are available upon refundable deposit of $300.00 through Jackson Blueprint. Contact Jackson Blueprint at 601-353-5803 or www.jaxblue.com
   1. Deposit is fully refundable upon return of plans and specifications in good and usable condition withint ten (10) days after the bid date.

C. Plans and Specifications for Sub-Contractors, Suppliers, and Manufacturer's will not be available from the Architect. It is the sole responsibility of the Prime Contractors to distribute full and complete sets of Construction Drawings and Specifications to all parties providing pricing.

D. No partial sets of drawings or specifications should be issued.

E. Plans and Specifications will be provided to local plan rooms in digital format.

END OF SECTION

SECTION 006200

CERTIFICATION OF INSURANCE

PART 1 GENERAL

1.01 INSURANCE:

A. Each prime contractor shall provide project insurance as delineated in the attached.

1.02 CERTIFICATION OF INSURANCE FORM:

A. The certification of insurance form will be the Insurance Industry ACORD form with required attachments.

1.03 CANCELLATION:

A. Whichever form is used the cancellation condition must include thirty (30) days written notice to the Owner prior to cancellation or non-renewal.

1.04 MISSISSIPPI RESIDENT AGENCY:

A. The Certification of Insurance must be completed and certified by original signature of Mississippi Resident Insurance Agency.

END OF SECTION

GENERAL LIABILITY			
Commercial General Liability			
(Including XCU)			
General Aggregate	$	1,000,000.00	Aggregate
Products & Completed Operations	$	1,000,000.00	Aggregate
Personal & Advertising Injury	$	500,000.00	Per Occurrence
Bodily Injury & Property Damage	$	1,000,000.00	Per Occurrence
Fire Damage Liability	$	50,000.00	Per Occurrence
Medical Expense	$	5,000.00	Per Person
OWNERS & CONTRACTORS PROTECTIVE LIABILITY			
Bodily Injury & Property Damage	$	1,000,000.00	Aggregate
Bodily Injury & Property Damage	$	500,000.00	Per Occurrence
AUTOMOBILE LIABILITY:			
Owned, non-owned & hired vehicles)			
Contractor Insurance Option Number 1:			
Bodily Injury & Property Damage (Combined Single Limit)	$	500,000.00	Per Occurrence
Contractor Insurance Option Number 2:			
Bodily Injury & Property Damage	$	250,000.00	Per Person
Bodily Injury & Property Damage	$	500,000.00	Per Accident
Property Damage	$	100,000.00	Per Occurrence
EXCESS LIABILITY			
(Umbrella on projects over $500,000)			
Bodily Injury & Property Damage	$	1,000,000.00	Aggregate
(Combined Single Limit)	$	1,000,000.00	Per Occurrence
WORKERS' COMPENSATION:			
(as required by Statute)			
EMPLOYERS' LIABILITY			
Accident	$	100,000.00	Per Occurrence
Disease	$	500,000.00	Policy Limit
Disease	$	100,000.00	Per Employee
PROPERTY INSURANCE:			
Builder's Risk or Installation Floater	$ Provided by Owner		
(with a maximum $10,000 deductible)			
Performance Bond	$ Equal to Total Value of the Work		

SECTION 014000
QUALITY REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. References and standards.
B. Submittals.
C. References and standards.
D. Mock-ups.
E. Control of installation.
F. Tolerances.
G. Testing and inspection agencies and services.
H. Manufacturers' field services.
I. Defect Assessment.

1.02 RELATED REQUIREMENTS

A. Document 023220 - Available Project Information: Soil investigation data.
B. Document 007200 - GENERAL CONDITIONS: Inspections and approvals required by public authorities.
C. Section 013000 - Administrative Requirements: Submittal procedures.
D. Section 016000 - PRODUCT REQUIREMENTS: Requirements for material and product quality.

1.03 REFERENCE STANDARDS

A. ASTM C1021 - Standard Practice for Laboratories Engaged in Testing of Building Sealants; 2008 (Reapproved 2014).
B. ASTM C1077 - Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation; 2014.
C. ASTM C1093 - Standard Practice for Accreditation of Testing Agencies for Masonry; 2013.
D. ASTM D3740 - Standard Practice for Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction; 2012a.
E. ASTM E329 - Standard Specification for Agencies Engaged in Construction Inspection and/or Testing; 2014a.
F. ASTM E543 - Standard Specification for Agencies Performing Nondestructive Testing; 2013.
G. ASTM E 548 - Standard Guide for General Criteria used for Evaluating Laboratory Competence; 1994.

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.
B. Design Data: Submit for Architect's knowledge as contract administrator for the limited purpose of assessing conformance with information given and the design concept expressed in the contract documents, or for Owner's information.
C. Test Reports: After each test/inspection, promptly submit two copies of report to Architect and to Contractor.
    1. Include:
        a. Date issued.
        b. Project title and number.
        c. Name of inspector.
        d. Date and time of sampling or inspection.
        e. Identification of product and specifications section.

f. Location in the Project.
g. Type of test/inspection.
h. Date of test/inspection.
i. Results of test/inspection.
j. Conformance with Contract Documents.
k. When requested by Architect, provide interpretation of results.

D. Certificates: When specified in individual specification sections, submit certification by the manufacturer and Contractor or installation/application subcontractor to Architect, in quantities specified for Product Data.
1. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
2. Certificates may be recent or previous test results on material or product, but must be acceptable to Architect.

E. Manufacturer's Instructions: When specified in individual specification sections, submit printed instructions for delivery, storage, assembly, installation, start-up, adjusting, and finishing, for the Owner's information. Indicate special procedures, perimeter conditions requiring special attention, and special environmental criteria required for application or installation.

1.05 REFERENCES AND STANDARDS

A. For products and workmanship specified by reference to a document or documents not included in the Project Manual, also referred to as reference 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 of date of issue current on date of Contract Documents, except where a specific date is established by applicable code.

C. Obtain copies of standards where required by product specification sections.

D. Maintain copy at project 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 before proceeding.

F. Neither the contractual relationships, duties, or responsibilities of the parties in Contract nor those of Architect shall be altered from the Contract Documents by mention or inference otherwise in any reference document.

1.06 TESTING AND INSPECTION AGENCIES AND SERVICES

A. Contractor shall employ and pay for services of an approved independent testing agency to perform specified testing.

B. Employment of agency in no way relieves Contractor of obligation to perform Work in accordance with requirements of Contract Documents.

C. Contractor Employed Agency:
1. Testing agency: Comply with requirements of ASTM E329, ASTM E543, ASTM C1021, ASTM C1077, ASTM C1093, and ASTM D3740.
2. Laboratory: Authorized to operate in State in which Project is located.
3. Laboratory Staff: Maintain a full time registered Engineer on staff to review services.
4. Testing Equipment: Calibrated at reasonable intervals either by NIST or using an NIST established Measurement Assurance Program, under a laboratory measurement quality assurance program.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 CONTROL OF INSTALLATION

A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce Work of specified quality.

B. Comply with manufacturers' instructions, including each step in sequence.

C. Should manufacturers' instructions conflict with Contract Documents, request clarification from Architect before proceeding.

D. Comply with specified standards as minimum quality for the Work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.

E. Have Work performed by persons qualified to produce required and specified quality.

F. Verify that field measurements are as indicated on shop drawings or as instructed by the manufacturer.

G. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, and disfigurement.

3.02 MOCK-UPS

A. Exterior Wall Mock-up: Prime General Works General Contractor shall provide exterior wall mock-up complete with metal stud framing, sheathing board, weather barrier, masonry anchors, brick veneer, weeps, thru-wall flashing, mortar net, stone and/or stone veneer unit, metal panels, E.I.F.S., metal and membrane flashings and countrer flashings, metal parapet caps, and other exterior wall materials as required, along with aluminum window section with glazing. Mock-up shall be constructed using specification sections and details for components noted in idividual specification sections. Mock-up shall contain an inside and outside corner complete with control joint for use in selecting sealant joint color. A detailed drawing of materials and arrangement has been provided in the drawings to be used in mock-up. Mock-up panel to be as sized in the drawings.

B. Protect mock-up throughout construction.

C. Construct mock-up to face south and locate in an area easily accessible by Owner and Architect.

D. Tests shall be performed under provisions identified in this section and identified in the respective product specification sections.

E. Assemble and erect specified items with specified attachment and anchorage devices, flashings, seals, and finishes.

F. Obtain Architect's, Construction Manager's, and Owner's approval of mock-ups before starting work, fabrication, or construction.
   1. Make corrections as necessary until Architect's and Owner's approval is issued.

G. Accepted mock-ups shall be a comparison standard for the remaining Work.

H. Where mock-up has been accepted by Architect, Construction Manager, and Owner, and is specified in product specification sections to be removed, remove mock-up and clear area only when directed to do so by Architect.

3.03 TOLERANCES

A. Monitor fabrication and installation tolerance control of products to produce acceptable Work. Do not permit tolerances to accumulate.

B. Comply with manufacturers' tolerances. Should manufacturers' tolerances conflict with Contract Documents, request clarification from Architect before proceeding.

C. Adjust products to appropriate dimensions; position before securing products in place.

3.04 TESTING AND INSPECTION

A. See individual specification sections for testing required.

B. Testing Agency Duties:
   1. Provide qualified personnel at site. Cooperate with Architect and Contractor in performance of services.

2. Perform specified sampling and testing of products in accordance with specified standards.
3. Ascertain compliance of materials and mixes with requirements of Contract Documents.
4. Promptly notify Architect and Contractor of observed irregularities or non-conformance of Work or products.
5. Perform additional tests and inspections required by Architect.
6. Submit reports of all tests/inspections specified.

C. Limits on Testing/Inspection Agency Authority:
1. Agency may not release, revoke, alter, or enlarge on requirements of Contract Documents.
2. Agency may not approve or accept any portion of the Work.
3. Agency may not assume any duties of Contractor.
4. Agency has no authority to stop the Work.

D. Contractor Responsibilities:
1. Deliver to agency at designated location, adequate samples of materials proposed to be used that require testing, along with proposed mix designs.
2. Cooperate with laboratory personnel, and provide access to the Work and to manufacturers' facilities.
3. Provide incidental labor and facilities:
   a. To provide access to Work to be tested/inspected.
   b. To obtain and handle samples at the site or at source of Products to be tested/inspected.
   c. To facilitate tests/inspections.
   d. To provide storage and curing of test samples.
4. Notify Architect and laboratory 24 hours prior to expected time for operations requiring testing/inspection services.
5. Employ services of an independent qualified testing laboratory and pay for additional samples, tests, and inspections required by Contractor beyond specified requirements.
6. Arrange with Owner's agency and pay for additional samples, tests, and inspections required by Contractor beyond specified requirements.

E. Re-testing required because of non-conformance to specified requirements shall be performed by the same agency on instructions by Architect.

F. Re-testing required because of non-conformance to specified requirements shall be paid for by Contractor.

G. Re-testing required because of non-conformance to specified requirements shall be performed by the same agency on instructions by Architect. Payment for re testing will be charged to the Contractor by deducting testing charges from the Contract Price.

3.05 MANUFACTURERS' FIELD SERVICES

A. When specified in individual specification sections, require material or product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust and balance of equipment as applicable, and to initiate instructions when necessary.

B. Report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions.

3.06 DEFECT ASSESSMENT

A. Replace Work or portions of the Work not conforming to specified requirements.

END OF SECTION

SECTION 015000

TEMPORARY FACILITIES AND CONTROLS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Temporary utilities.

B. Temporary telecommunications services.

C. Temporary telephone and facsimile service.

D. Temporary sanitary facilities.

E. Temporary Controls: Barriers, enclosures, and fencing.

F. Security requirements.

G. Vehicular access and parking.

H. Waste removal facilities and services.

1.02 RELATED REQUIREMENTS

A. Section 015100 - TEMPORARY UTILITIES.

B. Section 015213 - Field Offices and Sheds.

C. Section 015813 - Temporary Project Signage.

1.03 TEMPORARY UTILITIES - SEE SECTION 015100

A. Utilities to be provided per Section 015100 - Temporary Utilities

B. New permanent facilities may not be used.

1.04 TELECOMMUNICATIONS SERVICES

A. Provide, maintain, and pay for telephone and facimile (fax) service to field office at time of project mobilization.

B. Telecommunications services shall include:
   1. Telephone Land Lines: One line, minimum; one handset per line.
   2. Facsimile Service: Minimum of one dedicated fax machine/printer, with dedicated phone line.

1.05 TEMPORARY SANITARY FACILITIES

A. General Works Prime Contractor will provide and maintain their own required facilities and enclosures. Provide at time of project mobilization.

B. New permanent facilities may not be used during construction operations.

C. Maintain daily in clean and sanitary condition.

1.06 BARRIERS

A. General Works Prime Contractor to provide all barriers required.

B. Provide construction barriers to prevent unauthorized entry to construction areas, to prevent access to areas that could be hazardous to workers or the public and to protect existing facilities and adjacent properties from damage from construction operations .

C. Provide barricades and covered walkways required by governing authorities for public rights-of-way and for public access to existing building.

D. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.

1.07 FENCING

A. Construction: Commercial grade chain link fence. Provided by General Works Prime Contractor.

B. Provide 6 foot high fence around construction site; equip with vehicular and pedestrian gates with locks.

1.08 INTERIOR ENCLOSURES

A. Provide temporary partitions and ceilings as indicated to separate work areas from Owner-occupied areas, to prevent penetration of dust and moisture into Owner-occupied areas, and to prevent damage to existing materials and equipment.

B. Construction: Framing and reinforced polyethylene sheet materials with closed joints and sealed edges at intersections with existing surfaces:
   1. Maximum flame spread rating of 75 in accordance with ASTM E84.

1.09 SECURITY

A. General Works Prime Contractor to provide security and facilities to protect Work, and Owner's operations from unauthorized entry, vandalism, or theft.

B. Coordinate with Owner's security program.

1.10 VEHICULAR ACCESS AND PARKING

A. Comply with regulations relating to use of streets and sidewalks, access to emergency facilities, and access for emergency vehicles.

B. Coordinate access and haul routes with governing authorities and Owner.

C. Provide and maintain access to fire hydrants, free of obstructions.

D. Provide means of removing mud from vehicle wheels before entering streets.

E. Designated existing on-site roads may be used for construction traffic.

F. Provide temporary parking areas to accommodate construction personnel. When site space is not adequate, provide additional off-site parking.

1.11 WASTE REMOVAL

A. General Works Prime Contractor will provide and maintain waste removal facilities and services as required to maintain the site in clean and orderly condition.

B. Provide containers with lids. Remove trash from site periodically.

C. If materials to be recycled or re-used on the project must be stored on-site, provide suitable non-combustible containers; locate containers holding flammable material outside the structure unless otherwise approved by the authorities having jurisdiction.

D. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.

1.12 PROJECT IDENTIFICATION

A. Provide project identification sign of design and construction provided by Architect.

B. Erect on site at location established by Architect.

C. No other signs are allowed without Owner permission except those required by law.

1.13 FIELD OFFICE

A. Office: Weathertight, with lighting, electrical outlets, heating, cooling equipment, and equipped with sturdy furniture, drawing rack, and drawing display table.
   1. Provide and maintain a current set of drawings and specifications including all addendums, supplemental drawings, and current as-built drawings readily available inside the field office.

B. Provide space for Project meetings, with table and chairs to accommodate 12 persons.

C. Locate offices a minimum distance of 30 feet from existing and new structures.

1.14 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

A. Remove temporary utilities, equipment, facilities, materials, prior to Date of Substantial Completion inspection.

B. Remove underground installations to a minimum depth of 2 feet. Grade site as indicated.

C. Clean and repair damage caused by installation or use of temporary work.

D. Restore existing facilities used during construction to original condition.

E. Restore new permanent facilities used during construction to specified condition.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 015213
FIELD OFFICES AND SHEDS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Temporary field offices for use of each Prime Contractor and Construction Manager.

B. Maintenance and removal.

1.02 RELATED REQUIREMENTS

A. Section 015000 - TEMPORARY FACILITIES AND CONTROLS:

B. Section 015000: Parking and access to field offices.

1.03 USE OF PERMANENT FACILITIES

A. When permanent facilities are enclosed with operable utilities, relocate offices into building, with written agreement of Owner, and remove temporary buildings.

PART 2 PRODUCTS

2.01 MATERIALS, EQUIPMENT, FURNISHINGS

A. Materials, Equipment, Furnishings: Serviceable, new or used, adequate for required purpose.

2.02 CONSTRUCTION

A. Portable or mobile buildings, or buildings constructed with floors raised above ground, securely fixed to foundations, with steps and landings at entrance doors.

B. Construction: Structurally sound, secure, weather tight enclosures for office. Maintain during progress of Work; remove when no longer needed.

C. Fire Extinguishers: Appropriate type fire extinguisher at each office.

2.03 ENVIRONMENTAL CONTROL

A. Heating, Cooling, and Ventilating: Automatic equipment to maintain comfort conditions.

2.04 CONTRACTOR OFFICE AND FACILITIES

A. Size: For each Prime Contractor's needs.
   1. Utlities, furnishings, and equipment provided by each prime contractor for their specific needs.
   2. Cost: Each Prime Contractor to provide their own office facility

2.05 CONSTRUCTION MANAGER OFFICE AND FACILITIES

A. Cost: By General Works Prime Contractor

B. Size: For Construction Manager's needs including:
   1. 2 offices and meeting space for project meetings.

C. Telephone: As specified in Section 015000

D. Furnishings:
   1. Meeting Space: Table and chairs for up to 14 at a time.
   2. Offices: Desk, plan table, 4 drawer legal file cabinet

E. Internet: Provide access to internet via WiFi signal to meet CM Requirements.

PART 3 EXECUTION

3.01 PREPARATION

A. Fill and grade sites for temporary structures to provide drainage away from buildings.

3.02 INSTALLATION

A. Install office spaces ready for occupancy 15 days after date fixed in Notice to Proceed.

3.03 MAINTENANCE AND CLEANING

A. Maintain approach walks free of mud, water, and snow.

3.04 REMOVAL

A. At completion of Work remove buildings, foundations, utility services, and debris. Restore areas.

END OF SECTION

SECTION 042000
UNIT MASONRY

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Concrete block.

B. Facing Brick.

C. Mortar and grout.

D. Reinforcement and anchorage.

E. Flashings.

F. Accessories.

1.02 RELATED REQUIREMENTS

A. Section 055000 - Metal Fabrications: Loose steel lintels.

B. Section 061000 - Rough Carpentry: Nailing strips built into masonry.

C. Section 076200 - SHEET METAL FLASHING AND TRIM: Through-wall masonry flashings.

D. Section 078400 - Firestopping: Firestopping at penetrations of fire-rated masonry and at top of fire-rated walls.

E. Section 079005 - Joint Sealants: Sealing control and expansion joints.

F. Section 079005 - Joint Sealers: Backing rod and sealant at control and expansion joints.

1.03 PRICE AND PAYMENT PROCEDURES

A. See Section 012100 - ALLOWANCES, for cash allowances affecting this section.

1.04 REFERENCE STANDARDS

A. ACI 530/530.1/ERTA - Building Code Requirements and Specification for Masonry Structures and Related Commentaries; 2011.

B. ACI 530.1/ASCE 6/TMS 602 - Specification For Masonry Structures; American Concrete Institute International; 2008.

C. ASTM A82/A82M - Standard Specification for Steel Wire, Plain, for Concrete Reinforcement; 2007.

D. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2009.

E. ASTM A641/A641M - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire; 2009a (Reapproved 2014).

F. ASTM A1064/A1064M - Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete; 2015.

G. ASTM C90 - Standard Specification for Loadbearing Concrete Masonry Units; 2014.

H. ASTM C91/C91M - Standard Specification for Masonry Cement; 2012.

I. ASTM C129 - Standard Specification for Nonloadbearing Concrete Masonry Units; 2011.

J. ASTM C144 - Standard Specification for Aggregate for Masonry Mortar; 2011.

K. ASTM C150/C150M - Standard Specification for Portland Cement; 2015.

L. ASTM C207 - Standard Specification for Hydrated Lime for Masonry Purposes; 2006 (Reapproved 2011).

M. ASTM C216 - Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale); 2014.

N. ASTM C270 - Standard Specification for Mortar for Unit Masonry; 2014a.

O. ASTM C404 - Standard Specification for Aggregates for Masonry Grout; 2011.

P. ASTM C476 - Standard Specification for Grout for Masonry; 2010.

Q. ASTM D226/D226M - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing; 2009.

R. TMS 402/602 - Building Code Requirements and Specification for Masonry Structures; 2016.

S. IMIAWC (CW) - Recommended Practices & Guide Specifications for Cold Weather Masonry Construction; International Masonry Industry All-Weather Council; 1993.

T. IMIAWC (HW) - Recommended Practices & Guide Specifications for Hot Weather Masonry Construction; International Masonry Industry All-Weather Council; current edition.

1.05 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data for masonry units, fabricated wire reinforcement, and mortar.

C. Samples: Submit four samples of facing brick units to illustrate color, texture, and extremes of color range.

D. Manufacturer's Certificate: Certify that masonry units meet or exceed specified requirements.

1.06 QUALITY ASSURANCE

A. Comply with provisions of ACI 530/530.1/ERTA, except where exceeded by requirements of Contract Documents.

1.07 MOCK-UP

A. Work of this section to be included in the required mock-up wall as specified in Section 014000 - Quality Requirements.

B. Locate where directed. Locate mock up to receive Southern sun exposure for proper viewing and approval.

C. Approved mock-up shall remain until final acceptance of the project and shall serve as standard of quality for all masonry work.

D. Mock-up may not remain as part of the Work.

1.08 PRE-INSTALLATION MEETING

A. Convene one week before starting work of this section.

1.09 DELIVERY, STORAGE, AND HANDLING

A. Deliver, handle, and store masonry units by means that will prevent mechanical damage and contamination by other materials.

1.10 ENVIRONMENTAL REQUIREMENTS

A. Cold and Hot Weather Requirements: Comply with requirements of ACI 530.1/ASCE 6/TMS 602 or applicable building code, whichever is more stringent.

B. Cold Weather Requirements: Comply with recommendations of IMIAWC (CW).

C. Hot Weather Requirements: Comply with IMIAWC (HW).

PART 2 PRODUCTS

2.01 CONCRETE MASONRY UNITS

A. Concrete Block: Comply with referenced standards and as follows:
   1. Size: Standard units with nominal face dimensions of 16 by 8 inches and nominal depths as indicated on drawings for specific locations.
   2. Load-Bearing Units: ASTM C90, normal weight.
      a. Hollow block, as indicated.
      b. Exposed faces: Manufacturer's standard color and texture for standard units with special color and texture where indicated.
   3. Non-Loadbearing Units: ASTM C129.
      a. Hollow block.

2.02 BRICK UNITS

A. Manufacturers: Basis of Design: Meridian Brick: Columbia Architectural Series
   1. Cherokee Brick and Tile Company; www.cherokeebrick.com
   2. Columbus Brick: www.columbusbrick.com
   3. Meridian Brick LLC; : www.meridianbrick.com
   4. Substitutions: See section 016000 - Product requirements.

B. Facing Brick: ASTM C216, Type FBX, Grade SW.
   1. Color and texture: Basis of Design: Waverly Mills by Meridian Brick
      a. Brick Type: Architectural Velour Face
      b. Mortar Color: To be selected by architect from manufacturer's full range of colored mortar.
   2. Nominal size: As indicated on drawings.
   3. Locations: As indicated on drawings.
   4. Special shapes: Molded units as required by conditions indicated, unless standard units can be sawn to produce equivalent effect.
   5. Color range, shape, size, and texture of brick is to be that of the approved mock wall. Mock wall must be approved before brick is applied to exterior of building.
   6. Sub-contractor will be required to cull all brick not meeting the appearance of the approved mock wall.

2.03 MORTAR AND GROUT MATERIALS

A. Masonry Cement: ASTM C91/C91M, Type N.
   1. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

B. Portland Cement: ASTM C150/C150M, Type I; color as required to produce approved color sample.
   1. Hydrated Lime: ASTM C207, Type S.
   2. Mortar Aggregate: ASTM C144.
   3. Grout Aggregate: ASTM C404.

C. Water: Clean and potable.

2.04 REINFORCEMENT AND ANCHORAGE

A. Manufacturers:
   1. Dur-O-Wal: www.dur-o-wal.com.
   2. Heckmann Building Products, Inc: www.heckmannbuildingprods.com.
   3. Hohmann & Barnard, Inc: www.h-b.com.
   4. WIRE-BOND; www.wirebond.com/#sle.

B. Single Wythe Joint Reinforcement: Truss or ladder type; ASTM A1064/A1064M steel wire, mill galvanized to ASTM A641/A641M, Class 3; 0.1483 inch side rods with 0.1483 inch cross rods; width as required to provide not more than 1 inch and not less than 1/2 inch of mortar coverage on each exposure.

C. Multiple Wythe Joint Reinforcement: Truss type; fabricated with moisture drip; ASTM A1064/A1064M steel wire, hot dip galvanized after fabrication to ASTM A153/153M, Class B; 0.1483 inch side rods with 0.1483 inch cross rods; width as required to provide not more than 1 inch and not less than 1/2 inch of mortar coverage on each exposure.

D. Masonry Veneer Anchors: 2-piece anchors that permit differential movement between masonry veneer and structural backup, hot dip galvanized to ASTM A153/A153M, Class B.
   1. Anchor plates: Not less than 0.075 inch thick, designed for fastening to structural backup through sheathing by two fasteners; provide design with legs that penetrate sheathing and insulation to provide positive anchorage.
   2. Wire ties: Triangular shape, 0.1875 inch thick.
   3. Vertical adjustment: Not less than 3-1/2 inches.

2.05 FLASHINGS

A. Flexible Membrane Through-Wall Flashing
   1. Product: Perm-A-Barrier self adhesive flexible flashing.
   2. Manufacturer: Grace Construction Products; www.grace.com
   3. Description: Min. 40 Mil thick membrane comprised of 0.8mm (0.032 in) of self-adhesive rubberized asphalt integrally bonded to 0.2mm (0.008 in) of cross-laminated, high-density polyethylene film. Membrane shall be interleaved with disposable silicone-coated release paper until installed.
   4. Performance Requirements:
      a. Water Vapor Transmission, ASTM E 96, Method B: 2.9 ng/m2sPa (0.05 perms) max.
      b. Water Absorption, ASTM D 570: max. 0.1% by weight
      c. Puncture Resistance, ASTM E 154: 356 N (80 lbs.) min.
      d. Tear Resistance
         1) Initiation ASTM D 1004: min. 58 N (13.0 lbs.) M.D.
         2) Propagation ASTM D 1938: min. 40 N (9.0 lbs.) M.D.
      e. Lap Adhesion at -4°C (25°F), ASTM D 1876: 880 N/m (5.0 lbs./in.) of width
      f. Low Temperature Flexibility, ASTM D 1970: Unaffected to -43°C (-45°F)
      g. Tensile Strength, ASTM D 412, Die C Modified: min. 5.5 MPa (800 psi)
      h. Elongation, Ultimate Failure of Rubberized Asphalt, ASTM D412, Die C: min. 200%
   5. Locations: As noted in drawings.

B. Copper/Kraft Paper Flashings: 3 oz/sq ft sheet copper bonded to fiber reinforced asphalt treated Kraft paper.
   1. Manufacturers:
      a. Hohmann & Barnard, Inc; C-Kraft Duplex: www.h-b.com/#sle.
      b. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

C. Flashing Sealant/Adhesives: Silicone, polyurethane, or silyl-terminated polyether/polyurethane or other type required or recommended by flashing manufacturer; type capable of adhering to type of flashing used.

2.06 ACCESSORIES

A. Preformed Control Joints: Rubber material. Provide with corner and tee accessories, fused joints.
   1. Manufacturers:
      a. Dur-O-Wal: www.dur-o-wal.com.
      b. Heckmann Building Products, Inc: www.heckmannbuildingprods.com.
      c. Hohmann & Barnard, Inc: www.h-b.com/#sle.
      d. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

B. Cavity Mortar Control: Semi-rigid polyethylene or polyester mesh panels, sized to thickness of wall cavity, and designed to prevent mortar droppings from clogging weeps and cavity vents and allow proper cavity drainage.
   1. Mortar Diverter: Semi-rigid mesh designed for installation at flashing locations.
      a. Manufacturers:
         1) Hohmann & Barnard, Inc.: www.h-b.com
         2) Mortar Net Solutions; : www.mortarnet.com
         3) Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.
      b. Locations: As indicated in drawings.

C. Building Paper: ASTM D226/D226M, Type I ("No.15") asphalt felt.

D. Nailing Strips: Preservative treated softwood, as specified in Section 061000.

E. Termination Bars: Stainless steel; compatible with membrane and adhesives.
   1. Basis of Design: T-1 termination bar by Hohmann & Barnard, Inc.

F. Weeps: Type: Polyester Mesh

G. Flashing Corners: Inside corner, outside corners, and end dams as required and compatible with copper flashing. Intalled per manfucturer's installation instructions.
   1. Basis of Design: Corners and End Dams by Hohmann & Barnard, Inc.

H. Cleaning Solution: Non-acidic, not harmful to masonry work or adjacent materials.

2.07 MORTAR AND GROUT MIXING

A. Mortar for Unit Masonry: ASTM C270, using the Proportion Specification.
   1. Masonry below grade and in contact with earth: Type S.
   2. Exterior, loadbearing masonry: Type N.
   3. Exterior, non-loadbearing masonry: Type N.
   4. Interior, loadbearing masonry: Type N.
   5. Interior, non-loadbearing masonry: Type N.

B. Colored Mortar: Proportion selected pigments and other ingredients to match Architect's sample, without exceeding manufacturer's recommended pigment-to-cement ratio.

C. Grout: ASTM C476; consistency required to fill completely volumes indicated for grouting; fine grout for spaces with smallest horizontal dimension of 2 inches or less; coarse grout for spaces with smallest horizontal dimension greater than 2 inches.

D. Mixing: Use mechanical batch mixer and comply with referenced standards.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that field conditions are acceptable and are ready to receive masonry.

B. Verify that related items provided under other sections are properly sized and located.

C. Verify that built-in items are in proper location, and ready for roughing into masonry work.

3.02 PREPARATION

A. Direct and coordinate placement of metal anchors supplied for installation under other sections.

B. Provide temporary bracing during installation of masonry work. Maintain in place until building structure provides permanent bracing.

3.03 COURSING

A. Establish lines, levels, and coursing indicated. Protect from displacement.

B. Maintain masonry courses to uniform dimension. Form vertical and horizontal joints of uniform thickness.

C. Concrete Masonry Units:
   1. Bond: Running.
   2. Coursing: One unit and one mortar joint to equal 8 inches.
   3. Mortar Joints: Concave.

D. Brick Units:
   1. Bond: As indicated for different locations.
   2. Coursing: Three units and three mortar joints to equal 8 inches.
   3. Mortar Joints: Concave.

3.04 PLACING AND BONDING

A. Lay solid masonry units in full bed of mortar, with full head joints, uniformly jointed with other work.

B. Lay hollow masonry units with face shell bedding on head and bed joints.

C. Buttering corners of joints or excessive furrowing of mortar joints is not permitted.

D. Remove excess mortar and mortar smears as work progresses.

E. Interlock intersections and external corners.

F. Do not shift or tap masonry units after mortar has achieved initial set. Where adjustment must be made, remove mortar and replace.

G. Perform job site cutting of masonry units with proper tools to provide straight, clean, unchipped edges. Prevent broken masonry unit corners or edges.

H. Isolate top joint of masonry partitions from horizontal structural framing members and slabs or decks with compressible joint filler.

3.05 CAVITY MORTAR CONTROL

A. Do not permit mortar to drop or accumulate into cavity air space or to plug weep/cavity vents.

B. For cavity walls, build inner wythe ahead of outer wythe to accommodate accessories.

C. Install cavity mortar diverter at base of cavity and at other flashing locations as recommended by manufacturer to prevent mortar droppings from blocking weep/cavity vents.

3.06 REINFORCEMENT AND ANCHORAGE - MASONRY VENEER

A. Install horizontal joint reinforcement 16 inches on center.

B. Place masonry joint reinforcement in first and second horizontal joints above and below openings. Extend minimum 16 inches each side of opening.

C. Place continuous joint reinforcement in first and second joint below top of walls.

D. Lap joint reinforcement ends minimum 6 inches.

E. Masonry Back-Up: Embed anchors to bond veneer at maximum 16 inches on center vertically and 36 inches on center horizontally. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 inches on center.

F. Stud Back-Up: Secure veneer anchors to stud framed back-up and embed into masonry veneer at maximum 16 inches on center vertically and 24 inches on center horizontally. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 inches on center.

3.07 REINFORCEMENT AND ANCHORAGES - CAVITY WALL MASONRY

A. Install horizontal joint reinforcement 16 inches on center.

B. Place masonry joint reinforcement in first and second horizontal joints above and below openings. Extend minimum 16 inches each side of openings.

C. Place continuous joint reinforcement in first and second joint below top of walls.

D. Lap joint reinforcement ends minimum 6 inches.

3.08 LINTELS

A. Install loose steel lintels over openings.

B. Install reinforced unit masonry lintels over openings where steel or precast concrete lintels are not scheduled. Refer to Structural Drawings for additional Lintel Schedule and requirements.
   1. Coordinate opening sizes with lintel requirements of structural drawings and specifications.
   2. Do not splice reinforcing bars.
   3. Support and secure reinforcing bars from displacement. Maintain position within 1/2 inch of dimensioned position.
   4. Place and consolidate grout fill without displacing reinforcing.
   5. Allow masonry lintels to attain specified strength before removing temporary supports.

3.09 GROUTED COMPONENTS

A. At bearing locations, fill masonry cores with grout for a minimum 12 inches either side of opening.

3.10 CONTROL AND EXPANSION JOINTS

A. Do not continue horizontal joint reinforcement through control or expansion joints.

B. Install preformed control joint device in continuous lengths. Seal butt and corner joints in accordance with manufacturer's instructions.

C. Size control joint in accordance with Section 079005 for sealant performance.

D. Form expansion joint as detailed on drawings.

3.11 BUILT-IN WORK

A. As work progresses, install built-in metal door frames and glazed frames and other items to be built into the work and furnished under other sections.

B. Install built-in items plumb, level, and true to line.

C. Bed anchors of metal door and glazed frames in adjacent mortar joints. Fill frame voids solid with grout.

D. Do not build into masonry construction organic materials that are subject to deterioration.

3.12 TOLERANCES

A. Maximum Variation From Unit to Adjacent Unit: 1/16 inch.

B. Maximum Variation from Plane of Wall: 1/4 inch in 10 ft and 1/2 inch in 20 ft or more.

C. Maximum Variation from Plumb: 1/4 inch per story non-cumulative; 1/2 inch in two stories or more.

D. Maximum Variation from Level Coursing: 1/8 inch in 3 ft and 1/4 inch in 10 ft; 1/2 inch in 30 ft.

E. Maximum Variation of Mortar Joint Thickness: Head joint, minus 1/4 inch, plus 3/8 inch.

3.13 CUTTING AND FITTING

A. Cut and fit for chases. Coordinate with other sections of work to provide correct size, shape, and location.

B. Obtain approval prior to cutting or fitting masonry work not indicated or where appearance or strength of masonry work may be impaired.

3.14 CLEANING

A. Clean soiled surfaces with cleaning solution.

3.15 PROTECTION

A. Without damaging completed work, provide protective boards at exposed external corners that are subject to damage by construction activities.

END OF SECTION

SECTION 087100
DOOR HARDWARE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Hardware for wood and hollow steel doors.

B. Hardware for fire-rated doors.

C. Lock cylinders for doors for which hardware is specified in other sections.

D. Thresholds.

E. Weatherstripping, seals and door gaskets.

1.02 RELATED REQUIREMENTS

A. Section 012100 - Allowances

B. Section 081113 - Hollow Metal Doors and Frames.

C. Section 081416 - Flush Wood Doors.

D. Section 084313 - METAL-FRAMED STOREFRONTS AND WINDOWS: Hardware for same except cylinders; installation of cylinders.

1.03 PRICE AND PAYMENT PROCEDURES

A. See Section 012100 - Allowances, for allowances affecting this section.

1.04 REFERENCE STANDARDS

A. ANSI/ICC A117.1 - American National Standard for Accessible and Usable Buildings and Facilities; International Code Council; 2009.

B. BHMA A156.4 - American National Standard for Door Controls - Closers; 2013.

C. BHMA A156.6 - American National Standard for Architectural Door Trim; 2010.

D. BHMA A156.8 - American National Standard for Door Controls - Overhead Stops and Holders; 2010.

E. BHMA A156.18 - American National Standard for Materials and Finishes; 2012.

F. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2016.

G. UL (DIR) - Online Certifications Directory; current listings at database.ul.com.

1.05 ADMINISTRATIVE REQUIREMENTS

A. Coordinate the manufacture, fabrication, and installation of products onto which door hardware will be installed.

B. Convey Owner's keying requirements to manufacturers.

1.06 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Shop Drawings:
   1. Indicate locations and mounting heights of each type of hardware, schedules, catalog cuts,

C. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention.

D. Maintenance Data: Include data on operating hardware, lubrication requirements, and inspection procedures related to preventative maintenance.

E. Keys: Deliver with identifying tags to Owner by security shipment direct from hardware supplier.

1.07 QUALITY ASSURANCE

A. Standards for Fire-Rated Doors: Maintain one copy of each referenced standard on site, for use by Architect and Contractor.

B. Hardware Supplier Qualifications: Company specializing in supplying commercial door hardware with 5 years of documented experience.

C. Hardware Supplier Personnel: Employ an Architectural Hardware Consultant (AHC) to assist in the work of this section.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Package hardware items individually; label and identify each package with door opening code to match hardware schedule.

1.09 WARRANTY

A. See Section 017800 - CLOSEOUT SUBMITTALS, for additional warranty requirements.

B. Provide five year warranty for door closers.

PART 2 PRODUCTS

2.01 SUPPLIERS

2.02 MANUFACTURERS

A. Assa Abloy Brands, Sargent: www.assaabloydss.com/#sle.

B. Best Access Systems, division of Stanley Security Solutions: www.bestaccess.com.

C. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.03 MANUFACTURERS - BASIS OF DESIGN

A. Best Access Systems, division of Stanley Security Solutions for hinges, locksets, passage sets, locks, closers, and other items specified as door hardware for wood and hollow metal steel doors unless noted otherwise.

B. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.04 DOOR HARDWARE - GENERAL

A. Provide hardware specified or required to make doors fully functional, compliant with applicable codes, and secure to the extent indicated.

B. Provide items of a single type of the same model by the same manufacturer.

C. Provide products that comply with the following:
   1. Applicable provisions of federal, state, and local codes.
   2. Fire-Rated Doors: NFPA 80.
   3. Fire-Rated Doors: NFPA 80.
   4. Hardware on Fire-Rated Doors, Except Hinges: Listed and classified by UL as suitable for the purpose specified and indicated.
   5. Hardware for Smoke and Draft Control Doors (Indicated as "S" on Drawings): Provide hardware that enables door assembly to comply with air leakage requirements of the applicable code.
   6. Products Requiring Electrical Connection: Listed and classified by UL (DIR) as suitable for the purpose specified and indicated.

D. Electrically Operated and/or Controlled Hardware: Provide all power supplies, power transfer hinges, relays, and interfaces required for proper operation; provide wiring between hardware and control components and to building power connection.
   1. Coordinate with requirements of access control system.

E. Provide Weather Stripping, Drop Seal at bottom, Closure, and Latch on Doors 205A, 248A, 250A, and 250B.
   1. Coordinate with requirements of HFC-125 Fire Extinguisher system.

F. Finishes: Provide door hardware of the same finish unless otherwise indicated.
   1. Primary Finish: Satin chrome plated over nickel on brass or bronze, 626 (approx US26D).
   2. Secondary Finish: Satin chrome plated over nickel on brass or bronze, 626 (approx US26D).
   3. Finish Definitions: BHMA A156.18.

4. Exceptions:
    a. Where base metal is specified to be different, provide finish that is an appearance equivalent according to BHMA A156.18.
    b. Hinges for Fire-Rated Doors: Steel base metal with painted finish.

2.05 LOCKS AND LATCHES

A. Locks: Provide a lock for every door, unless specifically indicated as not requiring locking.
    1. Locks to be SFIC System.
    2. Basis of Design: Best Mortise Lock: 45H x 16 Lever.
    3. If no hardware set is indicated for a swinging door provide an office lockset.
    4. Trim: Provide lever handle or pull trim on outside of all locks unless specifically stated to have no outside trim.
    5. Lock Cylinders: Provide key access on outside of all locks unless specifically stated to have no locking or no outside trim.

B. Lock Cylinders: Provide Best Systems Keyway core.
    1. Provide cams and/or tailpieces as required for locking devices required.
    2. All doors to be provided with construction cores.
    3. Owner's core of choice for construction cores to be by Best Systems.
        a. Basis of Design: Best Cormax
    4. Provide Small Format Interchangeable Cores.

C. Keying: Construction keying to be by Hardware Supplier.
    1. Include construction keying.
    2. Key to existing keying system. Coordinate with owner to properly key system to existing city owned properties as required.

D. Latches: Provide a latch for every door that is not required to lock, unless specifically indicated "push/pull" or "not required to latch".

2.06 HINGES

A. Hinges: Provide hinges on every swinging door.
    1. Provide five-knuckle full mortise butt hinges unless otherwise indicated.
    2. Provide ball-bearing hinges at all doors having closers.
    3. Provide hinges in the quantities indicated.
    4. Provide non-removable pins on exterior outswinging doors.
    5. Where electrified hardware is mounted in door leaf, provide power transfer hinges.

B. Quantity of Hinges Per Door:
    1. Doors From 60 inches High up to 90 inches High: Three hinges.
    2. Doors 90 inches High up to 120 inches High: Four hinges.

C. Manufacturers - Hinges:
    1. Basis of Design: Lifespan by Stanley
    2. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.07 PUSH/PULLS

A. Push/Pulls: Comply with BHMA A156.6.
    1. Provide push and pull devices on doors as indicated in schedule.
    2. On solid doors, provide matching push plate and pull on opposite faces.

B. Manufacturers - Push/Pulls:
    1. Assa Abloy Brands; Rockwood: www.assaabloydss.com.
    2. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

C. Schedule:
    1. Toilet Doors as indicated in schedule
        a. Pull: Assa Abloy Rockwood RM730 12" Concealed mounting. Finish: US32D
        b. Push: Assa Abloy Rockwood 71RCC 4" x 16" Finish: US32D
    2. Board Room Doors as indicated on schedule

a. Pull: Assa Abloy Rockwood RM3320 36" Concealed mounting. Finish: US32D
b. Push: Assa Abloy Rockwood 71RCC 4" x 16" Finish: US32D

3. Exterior Entrance Doors as indicated in schedule
   a. Pull: Assa Abloy Rockwood RM3331 36" Offset Pull; Concealed mounting. Finish: US32D Location: Door 154A
   b. Pull: Assa Abloy Rockwood RM3341 12" Concealed mounting. Finish US32D Location: Doors 154B and 156A
   c. Push Bar: Assa Abloy Rockwood RM3341 Sized to fit door (horizontal orientation for push bar) Concealed mounting. Finish US32D Location: Door 154B

2.08 LOCKS AND LATCHES

A. Locks: Provide a lock for every door, unless specifically indicated as not requiring locking.
   1. Hardware Sets indicate locking functions required for each door.
   2. If no hardware set is indicated for a swinging door provide an office lockset.
   3. Trim: Provide lever handle or pull trim on outside of all locks unless specifically stated to have no outside trim.
   4. Lock Cylinders: Provide key access on outside of all locks unless specifically stated to have no locking or no outside trim.

B. Lock Cylinders: Manufacturer's standard tumbler type, six-pin standard core.
   1. Provide cams and/or tailpieces as required for locking devices required.

C. Keying: Grand master keyed.

D. Latches: Provide a latch for every door that is not required to lock, unless specifically indicated "push/pull" or "not required to latch".

2.09 MORTISE LOCKSETS

A. Mortise Locksets - Basis of Design: Best by Stanley 40H Series Heavy Duty Mortise Locks.

B. Lever Design: 16

C. Finish: US26D

D. Manufacturers - Mortise Locksets:
   1. Assa Abloy Brands, Sargent: www.assaabloydss.com/#sle.
   2. Best Access Systems, division of Stanley Security Solutions: www.bestlock.com/#sle.
   3. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.10 AUXILIARY LOCKS (DEADBOLTS)

A. Auxiliary Locks (Deadbolts) - Basis of Design: Best by Stanley.

B. Location: On toilets as indicated in schedule as "TLT Lock"

C. Locking Functions: As defined in BHMA A156.5, and as follows:
   1. Deadbolt, Visual Indicator as Occupied/Unoccupied: Deadbolt by key outside and turn inside.

D. Finish: US26D

E. Manufacturers - Auxiliary Locks (Deadbolts):
   1. Assa Abloy Brands, Sargent: www.assaabloydss.com/#sle.
   2. Best Access Systems, Division of Stanley Security Solutions .
   3. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.11 MAGNETIC LOCKS

A. Provide magnetic locks as required to integrate into access control systems and as directed in electrical drawings and specifications.

B. Provide accessories and power supply as required to integrated into access control system.

C. Manufacturers - Magnetic Locks:
   1. Assa Abloy Brands, Securitron: www.assaabloydss.com/#sle.
   2. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.12 ELECTRIC STRIKES

A. Electric Strikes - Basis of Design: HES Series 1006.

B. Coordinate with electrical specifications as required to integrate into access control system.

C. Provide fire-rated strike as required on fire rated doors and frames.

D. Provide accessories and power supply as required to integrate into access control system.

E. Manufacturers - Electric Strikes:
   1. Assa Abloy Brands, HES: www.assaabloydss.com/#sle.
   2. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.13 EXIT DEVICES

A. Exit Devices - Basis of Design: Best by Stanley. Apex Series.

B. Provide fire exit series as required.

C. Finish: US26D

D. Manufacturers - Exit Devices:
   1. Von Duprin, an Allegion brand: www.allegion.com/us/#sle.
   2. Best Access Systems, Division of Stanley Security Solutions.
   3. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.14 CLOSERS

A. Closers - Basis of Design: Stanley Security Solutions D4550 Series.

B. Closers: Complying with BHMA A156.4.
   1. Provide surface-mounted, door-mounted closers unless otherwise indicated.
   2. Provide a door closer on every exterior door.
   3. Provide a door closer on every fire- and smoke-rated door. Spring hinges are not an acceptable self-closing device unless specifically so indicated.
   4. On pairs of swinging doors, if an overlapping astragal is present, provide coordinator to ensure the leaves close in proper order.
   5. Closers to be Grade 1.

C. Provide Normal Duty and Heavy Duty as required.

D. Finish: US26D

E. Manufacturers - Surface Mounted Closers:
   1. Assa Abloy Brands, Sargent: www.assaabloydss.com/#sle.
   2. LCN, an Allegion brand: www.allegion.com/us/#sle.
   3. Stanley Security Solutions.
   4. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.15 STOPS AND HOLDERS

A. Stops: Complying with BHMA A156.8; provide a stop for every swinging door, unless otherwise indicated.
   1. Provide wall stops, unless otherwise indicated.
   2. If wall stops are not practical, due to configuration of room or furnishings, provide floor or overhead stop whichever is most practical to not create a tripping hazard.
   3. Stop is not required if positive stop feature is specified for door closer; positive stop feature of door closer is not an acceptable substitute for a stop unless specifically so stated.

B. Wall Stops: Wrought concave wall bumper. Finish to match door hardware.

C. Manufacturers - Wall and Floor Stops/Holders:
   1. Assa Abloy Brands, Rockwood: www.assaabloydss.com/#sle.
   2. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.16 GASKETING AND THRESHOLDS

A. Gaskets: Complying with BHMA A156.22.

1. On each exterior door, provide weatherstripping gaskets, unless otherwise indicated; top, sides, and meeting stiles of pairs.
2. On each exterior door, provide door bottom sweep, unless otherwise indicated.

B. Thresholds: Complying with BHMA A156.21.
1. At each exterior door, provide a threshold unless otherwise indicated.

C. Fasteners At Exterior Locations: Non-corroding.

2.17 PROTECTION PLATES AND ARCHITECTURAL TRIM

A. Protection Plates:
1. Kickplate: Provide on push side of door as indicated in schedule.
2. Finish: Match door hardware.
3. Size: 8" max by 34" wide or as appropriate for door width.

B. Manufacturers - Protection Plates and Architectural Trim:
1. Rockwood Manufacturing Company, an Assa Abloy brand: www.rockwoodmfg.com/#sle.
2. Substitutions: See Section 016000 - PRODUCT REQUIREMENTS.

2.18 GENERAL REQUIREMENTS FOR DOOR HARDWARE PRODUCTS

A. Provide products that comply with the following:
1. Applicable provisions of Federal, State, and local codes.
2. ANSI/ICC A117.1, American National Standard for Accessible and Usable Buildings and Facilities.
3. Applicable provisions of NFPA 101, Life Safety Code.
4. Fire-Rated Doors: NFPA 80.
5. All Hardware on Fire-Rated Doors : Listed and classified by UL as suitable for the purpose specified and indicated.
6. Products Requiring Electrical Connection: Listed and classified by UL as suitable for the purpose specified and indicated.

2.19 KEYING

A. Door Locks:
1. Include construction keying.
2. Key to existing keying system as coordinated with and required by owner.

2.20 KEY CABINET

A. Cabinet Construction: Sheet steel construction, piano hinged door with cylinder type lock .

B. Cabinet Size: Size for project keys plus 10 percent growth.

C. Horizontal metal strips for key hook labelling with clear plastic strip cover over labels.

D. Finish: Baked enamel, white color.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that doors and frames are ready to receive work; labeled, fire-rated doors and frames are present and properly installed, and dimensions are as indicated on shop drawings.

3.02 INSTALLATION

A. Install hardware in accordance with manufacturer's instructions and applicable codes.

B. Use templates provided by hardware item manufacturer.

C. Install hardware on fire-rated doors and frames in accordance with code and NFPA 80.

D. Mounting heights for hardware from finished floor to center line of hardware item: Required to meet all building codes including ADA.

3.03 ADJUSTING

A. Adjust work under provisions of Section 017000.

B. Adjust hardware for smooth operation.

3.04 PROTECTION

A. Protect finished Work under provisions of Section 017000.

B. Do not permit adjacent work to damage hardware or finish.

3.05 SCHEDULE - ATTACHED

END OF SECTION

Ridgeland City Hall		Hardware Schedule						Date:	13-Jun-19
First Floor								Revised:	
Door Number	Lockset	Passage Set	Push/Pull Set	Closer	Panic Device	Kick Plate	Elct. Strike	Mag Lock	Key Fob Access
101A			X	X		X			
101B			X	X		X			
101C			X	X		X			
102A		X							
104A		X		X	X				
104B	X			X	X				
105A	X			X	X	X	X		X
105B	X			X	X		X		X
106A		X							
107A	X			X	X	X			
108A		X		X	X	X			
109A	TLT Lock		X	X		X			
110A	TLT Lock		X	X		X			
111A	X								
111B	X								
112A	X			X					
112B	X								
113A	X			X		X			
113B	X			X		X			
114A	X								
115A	X								
117A	X								
118A	X								
119A	X			X	X	X			
119B	X			X	X	X	X		X
120A	X								
121A		X							
121B	X			X	X		X		X
122A	X								
122B	X								
123A	X								
124A	X								
125A	X								
126A	X								
129A	X								
130A	X								
131A	X			X	X	X			
132A	X								
133A			X	X		X			
134A			X	X		X			
135A		X				X			
136A	X								
137A	X			X	X	X			
137B	X			X	X	X	X		X
138A	X					X			
140A	X								
141A	X								
142A	X								
144A	X			X		X			
145A		X		X		X			
146A			X	X		X			
146B	TLT Lock		X	X					

Door Number	Lockset	Passage Set	Push/Pull Set	Closer	Panic Device	Kick Plate	Elct. Strike	Mag Lock	Key Fob Access
147A			X	X		X			
147B	TLT Lock		X	X					
148A	X								
149A	X								
150A	X			X	X	X			
150B	X			X	X	X	X		X
150C	X			X	X		X		X
151A	X			X	X	X	X		X
152A	X			X	X	X			
153A	X			X		X			
153B	X			X	X				
154A	X			X	X		See Note		X
154B			X	X					
156A	X			X	X		See Note		X

Second Floor

Door Number	Lockset	Passage Set	Push/Pull Set	Closer	Panic Device	Kick Plate	Elct. Strike	Mag Lock	Key Fob Access
201A	X								
202A	X								
203A	X								
204A	X								
205A	X								
206A	X								
207A	X								
208A		X							
210A		X							
211A	X								
212A	X			X	X	x			
213A	X								
213B	X								
214A	TLT Lock	X							
215A				X	X	X			
217A	TLT Lock		X	X		X			
218A	TLT Lock		X	X		X			
219A	TLT Lock		X	X		X			
220A	TLT Lock		X	X		X			
221A		X							
223A	X								
224A		X							
224B		X		X					
226A	X			X	X	X			
226B	X			X	X	X	X		X
226C	X			X					
229A	X								
230A	X								
231A	X								
232A	X								
234A	TLT Lock		X	X		X			
235A	TLT Lock		X	X		X			
236A	X								
237A	X					X			
238A									
239A		X							
239B		X							
240A	X			X	X	X			
240B	X			X	X	X	X		X

Door Number	Lockset	Passage Set	Push/Pull Set	Closer	Panic Device	Kick Plate	Elct. Strike	Mag Lock	Key Fob Access
241A	X								
242A	X								
243A	X					X			
244A	X			X					
246A		X							
247A	X			X	X	X	X		X
248A	X			X		X			
249A	X			X					
250A	X					X			
250B		X							
251A	X								
252A	X								
253A				X	X	X			
255A	X			X	X				
256A	X			X					
Note: Doors 154A and 156A are to be provided with electrified push bar and power supply by door hardware vendor under Prime									
General Works Contract. Electrical rough-ins for power and access control to be provided under Electrical Prime Contract.									

SECTION 088000
GLAZING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Glass.

B. Plastic glazing film.

C. Plate Glass Mirrors.

1.02 RELATED REQUIREMENTS

A. Section 079005 - Joint Sealers: Sealant and back-up material.

B. Section 081416 - Flush Wood Doors: Glazed lites in doors.

C. Section 084313 - METAL-FRAMED STOREFRONTS AND WINDOWS

D. Section 084413 - Glazed Aluminum Curtain Walls

E. Section 102800 - TOILET ACCESSORIES: Mirrors.

F. Section 137000 - Bullet Resistant Transaction Window

1.03 REFERENCE STANDARDS

A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; current edition.

B. ASTM C1036 - Standard Specification for Flat Glass; 2011.

C. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2012.

D. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2013.

E. ASTM E 2188 - Standard Test Method for Insulating Glass Unit Performance

F. ASTM E2190 - Standard Specification for Insulating Glass Unit Performance and Evaluation; 2010.

G. GANA (GM) - GANA Glazing Manual; 2009.

H. GANA (SM) - GANA Sealant Manual; 2008.

1.04 PERFORMANCE REQUIREMENTS

A. Provide glass and glazing materials for continuity of building enclosure vapor retarder and air barrier:

1. In conjunction with vapor retarder and joint sealer materials described in other sections.
2. To maintain a continuous air barrier and vapor retarder throughout the glazed assembly from glass pane to heel bead of glazing sealant.

1.05 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data on Glass Types: Provide structural, physical and environmental characteristics, size limitations, special handling or installation requirements.

C. Product Data on Glazing Compounds: Provide chemical, functional, and environmental characteristics, limitations, special application requirements. Identify available colors.

D. Samples: Submit two samples 12 by 12 inch in size of glass and plastic units, showing coloration and design.

1.06 QUALITY ASSURANCE

A. Perform Work in accordance with GANA Glazing Manual and FGMA Sealant Manual for glazing installation methods.

B. Installer Qualifications: Company specializing in performing the work of this section with minimum three years documented experience.

1.07 MOCK-UP

A. Work of this section to be included in the required mock-up wall as specified in Section 014000 - Quality Requirements.

B. Locate where directed.

C. Approved mock-up shall remain until final acceptance of the project and shall serve as standard of quality for all masonry work.

D. Mock-up may not remain as part of the Work.

1.08 PRE-INSTALLATION MEETING

A. Convene one week before starting work of this section.

1.09 WARRANTY

A. See Section 017800 - CLOSEOUT SUBMITTALS, for additional warranty requirements.

B. Sealed Insulating Glass Units: Provide a five (5) year warranty to include coverage for seal failure, interpane dusting or misting, including replacement of failed units.

C. Laminated Glass: Provide a five (5) year warranty to include coverage for delamination, including replacement of failed units.

PART 2 PRODUCTS

2.01 GLASS MATERIALS

A. Float Glass Manufacturers:
   1. AGC Flat Glass North America, Inc: www.na.agc-flatglass.com.
   2. Guardian Industries Corporation: www.guardian.com.
   3. Pilkington North America Inc: www.pilkington.com/na.
   4. PPG Industries, Inc: www.ppgideascapes.com/#sle.
   5. Visteon Glass Systems: www.visteon.com/floatglass.
   6. Substitutions: Refer to Section 016000 - PRODUCT REQUIREMENTS.

B. Float Glass: Provide float glass based glazing unless noted otherwise.
   1. Heat-Strengthened and Fully Tempered Types: ASTM C1048, Kind HS and Kind FT.
   2. Tinted Types: ASTM C1036, Class 2 - Tinted, color and performance characteristics as indicated.
   3. Thicknesses: As indicated; for exterior glazing comply with requirements indicated for wind load design regardless of thickness indicated.

C. Plate Mirror Glass:
   1. 6mm thick float glass mirror
   2. Manufacturers:
      a. All Spec Glass and Glazing Limited: www.allspecglass.com
      b. Donovan Mirror and Glass: www.dmgglass.com
      c. Guardian Glass: www.guardian.com
      d. Substitutions: Refer to Section 016000 - PRODUCT REQUIREMENTS.
   3. Color: Clear Mirror.
   4. Provide bevelled and polished edge.
   5. Fully adheared to wall surface.

D. Safety Glass (Type 2): SuperNeutral 54 on Crystal Gray; fully tempered with horizontal tempering.
   1. Comply with ASTM C 1048, Condition A uncoated, Type I, transparent flat, Class 1, Quality q3 glazing select.
   2. Comply with ANSI Z97.1.
   3. 1/4" Thick glass .
   4. Install in exterior door locations as indicated in drawings.
   5. Color: To match adjacent insulated glass panels.

E. Safety Glass (Type 3): Clear; fully tempered with horizontal tempering.

1. Comply with 16 CFR 1201 test requirements for Category II.
2. Comply with ASTM C 1048, Condition A uncoated, Type I, transparent flat, Class 1, Quality q3 glazing select.
3. Comply with ANSI Z97.1.
4. 1/4" Thick glass .
5. Install at interior locations as indicated in drawings.

F. Reeded Glass (Type 4): Clear; fully tempered.
1. Comply with 16 CFR 1201 test requirements for Category II.
2. Comply with ASTM C 1048, Condition A uncoated, Type I, transparent flat, Class 1, Quality q3 glazing select.
3. Comply with ANSI Z97.1.
4. 1/4" Thick glass .
5. 1/2" space reeded.
6. Install at interior locations as indicated in drawings.

G. Bullet Resistant Glass (Type 5): Clear; Level 3 protection
1. Refer to Section 137000 - Bullet Resistant Transaction Window for addtional requirements.

2.02 SEALED INSULATING GLASS UNITS

A. Manufacturers:
1. Guardian Industries Corporation: www.guardian.com.
a. Basis of Design: Guardian SunGuard SuperNeutral Low-E
2. Substitutions allowed only if all specified design criteria are met.

B. Sealed Insulating Glass Units: Types as indicated.
1. Durability: Certified by an independent testing agency to comply with ASTM E2190.
2. Edge Spacers: Aluminum, bent and soldered corners.
3. Edge Seal: Glass to elastomer with supplementary silicone sealant.
4. Purge interpane space with dry hermetic air.

C. Insulated Glass Units (Type 1): Double pane with glass to elastomer edge seal. For use in exterior locations.
1. Outer pane of 1/4" Superneutral 54 on Crystal Gray on #2 surface tempered glass, 1/2" air space (Mill) inner pane of 1/4" Clear tempered glass.
2. Durability: Certified by an independent testing agency to comply with ASTM E 2190.
3. Comply with ASTM E 774 and E 773, Class CBA.
4. Purge interpane space with dry hermetic air.
5. Total unit thickness of one inch .
6. Transmittance - Visible Light: 38%
7. Reflectance OUT: 9%
8. U-Value: .29
9. Relative Heat Gain: 56
10. Solar Heat Gain Coefficient: .23
11. Solar Heat Gain Coefficient: .31
12. Light to Solar gain LSG: 1.67
13. Install at exterior locations as inidicated in drawings.

2.03 PLASTIC FILMS

A. Manufacturers: Standard of Quality and Design based on "Fasara - San Marino by 3M" www.3m.com

B. Other Acceptable Manufacturers:
1. Flexvue Films: www.flexvuefilms.com/#sle.
2. Or approved Equal
3. Substitutions: Refer to Section 016000 - PRODUCT REQUIREMENTS.

C. Plastic Film:
1. Thickness : 2 mils.

2. Ultraviolet Rejected (ASTM E 903): not less than 99%.
3. Visible Light Transmission (ASTM E 903, ASTM E 308); not more than 28%.
4. Visible Light Rejected (ASTM E 903) not less than 27%.
5. Solar Heat Reduction: not less than 42%.
6. Shading Coefficient at 90 Degrees (Nominal Incidence) (ASTM E 903); not less than 0.55.
7. Installation: At locations indicated on drawings; install per manfacturer's written instructions.

D. Locations: As indicated in drawings.

2.04 GLAZING ACCESSORIES

A. Setting Blocks: Neoprene, 80 to 90 Shore A durometer hardness; ASTM C864 Option II. Length of 0.1 inch for each square foot of glazing or minimum 4 inch x width of glazing rabbet space minus 1/16 inch x height to suit glazing method and pane weight and area.

B. Glazing Tape: Preformed butyl compound with integral resilient tube spacing device; 10 to 15 Shore A durometer hardness; coiled on release paper; black color.

C. Glazing Gaskets: Resilient silicone extruded shape to suit glazing channel retaining slot; ASTM C864 Option II; Black color.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that openings for glazing are correctly sized and within tolerance.

B. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and ready to receive glazing.

3.02 PREPARATION

A. Clean contact surfaces with solvent and wipe dry.

B. Seal porous glazing channels or recesses with substrate compatible primer or sealer.

C. Prime surfaces scheduled to receive sealant.

D. Install sealants in accordance with ASTM C1193 and GANA Sealant Manual.

E. Install sealants in accordance with manufacturer's instructions.

3.03 INSTALLATION - EXTERIOR/INTERIOR DRY METHOD (GASKET GLAZING)

A. Place setting blocks at 1/4 points with edge block no more than 6 inch from corners.

B. Rest glazing on setting blocks and push against fixed stop with sufficient pressure on gasket to attain full contact.

C. Install removable stops without displacing glazing gasket; exert pressure for full continuous contact.

3.04 INSTALLATION - EXTERIOR WET METHOD (SEALANT AND SEALANT)

A. Place setting blocks at 1/4 points and install glazing pane or unit.

B. Install removable stops with glazing centered in space by inserting spacer shims both sides at 24 inch intervals, 1/4 inch below sight line.

C. Fill gaps between glazing and stops with Type 7 sealant to depth of bite on glazing, but not more than 3/8 inch below sight line to ensure full contact with glazing and continue the air and vapor seal.

D. Apply sealant to uniform line, flush with sight line. Tool or wipe sealant surface smooth.

3.05 INSTALLATION - INTERIOR DRY METHOD (TAPE AND TAPE)

A. Cut glazing tape to length and set against permanent stops, projecting 1/16 inch above sight line.

B. Place setting blocks at 1/4 points with edge block no more than 6 inch from corners.

C. Rest glazing on setting blocks and push against tape for full contact at perimeter of pane or unit.

D. Place glazing tape on free perimeter of glazing in same manner described above.

E. Install removable stop without displacement of tape. Exert pressure on tape for full continuous contact.

F. Knife trim protruding tape.

3.06 FIELD QUALITY CONTROL

A. Glass and Glazing product manufacturers to provide field surveillance of the installation of their products.

B. Monitor and report installation procedures and unacceptable conditions.

3.07 CLEANING

A. Remove glazing materials from finish surfaces.

B. Remove labels after Work is complete.

C. Clean glass and adjacent surfaces.

3.08 PROTECTION

A. After installation, mark pane with an 'X' by using removable plastic tape or paste; do not mark heat absorbing or reflective glass units.

END OF SECTION

SECTION 137000

BULLET RESISTANT TRANSACTION WINDOW

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Bullet resistant transacation window

B. Glazing

C. Accessories

1.02 RELATED REQUIREMENTS

A. Section 061000 - Rough Carpentry

B. Section 064120 - Architectural Woodwork

C. Section 092000 - Plaster and Gypsum Board

D. Section 099000 - Painting and Coating

1.03 REFERENCE

A. Underwriters Laboratory UL 752-Standard for Bullet Resisting Equipment

B. ASTM E119-98- Standard Test Methods for Fire Tests of Building Construction and Materials

C. NIJ Standard 0108.01-(National Institute of Justice) Standard for Ballistic Resistant Protective Materials

D. ASTM B 209/B 209M- Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate

E. ASTM A 666-Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar.

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements for submittal procedures.

B. The following shall be submitted by the manufacturer:

1. Submit for approval prior to fabrication: samples, product data (including preparation, storage and installation methods), cuts & anchor spacing, reinforcement & location , product specifications, shop drawings, test reports (current UL Listing Verification & UL 752 Test Results as provided by Underwriters Laboratories), and printed data in sufficient detail to indicate compliance with the contract documents.

C. Manufacturer's Instructions for installation and cleaning of TSS Bullet Transaction Window Assemblies. All required submittals shall be approved prior to installation.

1.05 DESIGN PERFORMANCE

A. Through the design, manufacturing techniques and material application the Aluminum Transaction Window shall be of the "non-ricochet" type. This design is intended to permit the encapture and retention of an attacking projectile lessening the potential of a random injury or lateral penetration. This assembly shall provide single transaction positions. This design shall employ mounting blocks in vertical framing tubes to complete the "natural voice rail" design. Each transaction position shall have a stainless steel dip tray as shown on the drawings. Components must be manufactured in strict accordance with the specifications, design and details. All vision panels shall be cut to size with all exposed edges polished. Necessary holes shall be pre drilled and tapped where required. Stainless Steel assembly screws and acrylic spacers shall be provided. Clear anodized angles and channels shall be provided. Anchor screws shall be provided by the installer.

B. No field alterations to the construction of the units fabricated under the acceptable standards shall be allowed unless approved by the manufacturer and the architect. Standard manufacturing tolerances shall be +/- 1/16".

C. Materials shall meet or exceed UL 752 requirements.

1.06 QUALITY ASSURANCE

A. Manufacturer shall be a Company that specializes in manufacturing products of the specified type with a minimum of five years experience.

B. Installer shall be a Company that specializes in product type specified and Certified for the installation by the manufacturer.

C. Manufacturer shall provide a Mock-up, if required, for evaluation of surface preparation and application workmanship and color/finish to the Architect for approval prior to start of work.

1.07 DELIVERY, STORAGE & HANDLING

A. Delivery the materials to the project with the manufacturer's UL Listed Labels intact and legible. Handle the materials with care to prevent damage.

B. Store materials inside and under cover, stack flat and off floor.

C. Project conditions (temperature, humidity, and ventilation) shall be within the maximum limit recommendations set by manufacturer. Do not install products that are under conditions outside these limits.

1.08 WARRANTY

A. All materials shall be warranted against defects for a period of 1 year for the date of receipt at the project site. Certificates of manufacturer's standard limited warranty shall be provided at project completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Basis of Design: Total Security Solutions, Inc, 170 National Park Drive, Fowlerville, MI 48836, 866-930-7807. Jim Richards.

B. Substitutions: See Section 016000 - Product Requirements.

2.02 BULLET RESISTANT TRANSACTION WINDOW

A. Basis of Design: TSS Natural Voice Transmission (NVR) Aluminum Transaction Window:. All aluminum transaction window allows for natural voice communication without a breach of security.

B. Glazing Panels shall be as shown on the drawings and specified in this section.

2.03 MATERIALS

A. Glazing: Bullet Resistant

B. Bullet Resistant Level 3
   1. 1 1/4" LP 1250 Laminated

C. Aluminum Sections:
   1. Manufactured in accordance with ASTM B209
   2. Extruded aluminum frame of alloy 6063 T5 Anodized finish and free of sharp edges or burrs when in place.
   3. Glazing Channel: U-Channel specifically designed for securing transparencies tightly in place. Angles and stops are only acceptable for top attachment.
      a. The bottom of the glazing to be capped with corresponding material on the frame.
      b. Provide a shelf 2" thick with a recessed deal tray. The shelf to be full width of window, 12" deep, centered under the glazing and covered with a black high pressure laminate.

D. Accessories:
   1. Deal tray: 18 ga. stainless steel, # 4 finish 16" x 10" from the outside edge of flanges with a clear opening . Integrated into plastic laminate counter as shown in drawings.

E. Size:
   1. 48" x 48"

F. Color: Clear Anodized

PART 3 EXECUTION

3.01 PREPARATION

A. Prior to installing the bullet resistive material, the contractor shall verify that all supports have been installed as required by the contract documents, architectural drawings, and approved shop/CAD drawings, if required. Installer shall notify architect of any unsatisfactory preparation that is responsibility of another installer.

B. Clean and prepare all surfaces per manufacturers recommendations for achieving the best results for the substrate under the project conditions.

3.02 INSTALLATION

A. Do not begin installation until openings have been verified and surfaces properly prepared in accordance with Drawings. Install in accordance with manufacturer's instructions and UL 752. Set all equipment plumb. All products shall be installed per installation instructions provided by Total Security Solutions, if warranty is to be issued.

B. Aluminum Transaction Window: shall arrive on site as a completed unit. Unit shall be installed in provided opening (wall/door), secured to structure (anchors by others).

3.03 POST APPLICATION

A. Aluminum Transaction Window shall be installed in accordance with manufacturer's printed recommendations, including adhering to anchoring and finishing details.

B. Inspection and Cleaning: Verify installation is complete and complies with manufacturer's requirements. Clean product and accessories, removing excess sealant, labels and protective covers.

C. Touch-up, repair or replace damaged products before Substantial Completion.

D. Product Warranty: Applicable warranty shall be issued to owner upon final release of completed project.

****END OF SECTION****

ADDENDUM NO. 1

RIDGELAND, MS
RIDGELAND CITY HALL
PROJECT #14048

July 11, 2019

The Contract Documents, Plans, and Specifications shall be amended/clarified as set forth herein below:

1. Replace the following plan sheets with those attached to this addendum:
    a. Sheet C0.4 – Details
    b. Sheet C2.1 – Proposed Layout Plan
    c. Sheet C2.2 – Proposed Site Plan
    d. Sheet C2.6 – Typical Cross Section
    e. Sheet C2.7 – Typical Cross Section
    f. Sheet C4.1 – Proposed Drainage Plan & Profiles
    g. Sheet C4.2 – Proposed Drainage Plan & Profiles
    h. Sheet C4.3 – Proposed Drainage Plan & Profiles
    i. Sheet C4.4 – Proposed Drainage Plan & Profiles
    j. Sheet C4.9 – Grading Detail
    k. Sheet C4.10 – Grading Detail
    l. Sheet C4.11 – Grading Detail
    m. Sheet C4.12 – Grading Detail

2. Replace the following Specifications:
    a. Sheet 022000-5
    b. Sheet 025430-3
    c. Sheet 025900-1

List of Attachments

1. Revision Details
2. Plan Sheets Listed Above
3. Specifications Sheets Listed Above

Bidder shall acknowledge receipt of Addendum No. 1 on Page 3 of the Bid Form, Section 00 4100.

William L. McDonald, PhD, P.E.

WILLIAM L. McDONALD REGISTERED PROFESSIONAL Engineer 10066 STATE OF MISSISSIPPI

Date: 7/11/19

Addendum No. 1

Project Name:	Ridgeland City Hall		
Location:	Ridgeland, MS	Project Number:	14048
Date of Addendum:	July 11, 2019	Addendum Prepared By:	Taylor Carmichael

Plan Revision Details

Sheet C0.4:

1. Detail C7
   - Concrete was changed from Class C to 3500 PSI
   - 2" Crushed Stone Base was removed
   - Geotextile Fabric was removed
   - Non-Expansive Clay Soil Buffer was changed from 34" to 36" depth.

2. Detail C7
   - Concrete was changed from Class C to 3500 PSI
   - Non-Expansive Clay Soil Buffer was changed from 78" to 84" depth.

3. Detail C4
   - Concrete was changed from Class C to 3500 PSI
   - Non-Expansive Clay Soil Buffer was changed from 19" to 24" depth.

4. Detail C4
   - Concrete was changed from Class C to 3500 PSI
   - Note revised to 11'x11' joints for center concrete pavement section and 11.5'x11.5' joints for left and right concrete pavement sections.

5. Detail C5
   - Concrete was changed from Class C to 3500 PSI
   - 12" Lime Treated Subgrade removed
   - Non-Expansive Clay Soil Buffer was changed from 67" to 84" depth.

Sheet C2.1:

1. Note was added referencing location of gas service
2. GPS 105 Control Point was added
3. Dimension from control point to southeast and southwest corner of building was added
4. Note referencing what Points #5017 and #5018 represent in regards to building

Sheet C2.2:

1. Structural slab hatch was added to Memorial Garden and Pergola

Sheet C2.6:

1. Left Asphalt Drive Typical Section
   - Non-Expansive Clay Soil Buffer under pavement was changed from 19" to 24" depth
   - ASTM Standard was changed from D1557 to D698
   - 2" Crushed Stone Base was removed from sidewalk
   - Geotextile Fabric was removed from sidewalk
   - 36" Non-Expansive Clay Soil Buffer was added to sidewalk

2. Center Concrete Pavement Drive Typical Section
   - Concrete was changed from Class C to 3500 PSI
   - Non-Expansive Clay Soil Buffer under pavement was changed from 19" to 24" depth
   - ASTM Standard was changed from D1557 to D698
   - 2" Crushed Stone Base was removed sidewalk
   - Geotextile Fabric was removed from sidewalk
   - 36" Non-Expansive Clay Soil Buffer was added to sidewalk

3. Note was added to address first lift of 2.5" base course to be extended to back of curb.

Sheet C2.7:

1. Right Asphalt Drive Typical Section
   - Non-Expansive Clay Soil Buffer under pavement was changed from 19" to 24" depth
   - Non-Expansive Clay Soil Buffer under left sidewalk was changed from 34" to 36" depth
   - Non-Expansive Clay Soil Buffer under right sidewalk was changed from 78" to 84" depth
   - ASTM Standard was changed from D1557 to D698
   - 2" Crushed Stone Base was removed from left sidewalk
   - Geotextile Fabric was removed from left sidewalk
   - Non-Expansive Clay Soil Buffer under pavement was changed from 19" to 24" depth for sidewalk on right side of asphalt drive
2. Note was added to address first lift of 2.5" base course to be extended to back of curb.

Sheet C4.1:

1. Headwall number was corrected

Sheet C4.2:

1. Pipe inverts for Curb Inlet #6 were adjusted and the profile was adjusted accordingly. 6" PVC from Mechanical Sheets was tied in to inlet.
2. Pipe inverts for Curb Inlet #5 were adjusted and the profile was adjusted accordingly.

Sheet C4.3:

1. Pipe and inverts for Curb Inlets 13, 14, 15, and 17 were raised.
2. Profile for Curb Inlets 13, 14, 15 & 17 were adjusted accordingly.

Sheet C4.4:

1. 6" PVC on south side of building was rerouted to the northeast side of the building to tie-in to Curb Inlet #6. As a result Drop Inlet #2 was removed and Inlets 1-8 were renumbered. Additionally, inlets were raised and profile for inlets and inverts were adjusted accordingly.
2. Inlets 9-13 were renumbered and raised, and profile for inlets and inverts were adjusted accordingly.
3. Drop Inlets 15 and 16 were renumbered.
4. 3" PVC from Mechanical Sheets was added and tied-in to Drop Inlet #6.
5. Pipe was changed from RCP to PVC
6. Note was added: "See Sheet L100A For Grades at Building"
7. Drop Inlet #2 was removed and inlets were renumbered and adjusted accordingly

Sheet C4.9:

1. Note was added: "Refer to Sheet L100A for Grades at Building"

Sheet C4.10:

1. Note was added: "Refer to Sheet L100A for Grades at Building"

Sheet C4.11:

1. Note was added: "Refer to Sheet L100A for Grades at Building"

Sheet C4.12:

1. Note was added: "Refer to Sheet L100A for Grades at Building"
2. View of contours around building was adjusted to match the Grading Detail Index on Sheet C4.12.

Specification Revision Details:

1. Sheet 022000-5: Treatment of exposed silty and clayey soils minimum depth was changed from 6" to 12". The contractor shall treat to the depth required to provide a 12" treated subgrade.
2. Sheet 025430-3: Part 4 - Compensation was removed.
3. Sheet 025900-1: Sections 2.01A and 2.01B were revised to match the concrete sidewalk detail shown on the plan sheets.
4. Sheet 026180-2: Part 3 – Compensation was removed.

3. The upper surface of the fill shall be shaped to provide complete drainage of surface water at all times. The forming of ruts will not be permitted. The Contractor shall protect the work from erosion and adverse weather conditions.

4. Each layer of earth fill shall be compacted as required, with appropriate equipment. Fill material shall be compacted within three percent (3%) of optimum moisture content by processing to dry or watered and properly mixed as needed before being rolled. The furnishing and application of water for construction of fills or processing to dry soils will not be paid for separately; such operations shall be considered as incidental to the formation of fills.

5. Construction operations shall be performed in such manner that the simultaneous rolling and placing of material in the same lane or section will not occur. To avoid uneven compaction, the hauling equipment shall traverse, as much as possible, the full width of the cross section. Each layer shall be compacted as required before material for the next layer is deposited.

6. Fills and embankments will not be paid for as a separate item. The cost of making fills shall be made at the Contract Unit Price specified on the Bid Form for unclassified excavation unless otherwise noted.

G. Subgrade Preparation: Subgrade preparation as specified in this section shall ordinarily apply to the graded section prior to the placing of a course of selected material such as base material.

Materials shall not be deposited on the prepared subgrade until it has been checked and approved by the Contracting Officer. When practicable, such prepared subgrade shall be maintained free from ruts and depressions, adequately drained and in a smooth and compacted condition. Damaged subgrade shall be reshaped, recompacted and approved by the Contracting Officer prior to use.

1. As required by the Contract Documents and established in the Proposal, all silty and clayey soils in the finished subgrade shall be treated with lime in accordance with the Specifications. These soils are defined as silty or sandy clays (CL and CL-ML) and silts (ML). Delineation of the areas requiring lime will require close inspection by the Contractor and Contracting Officer. Exposed silty and clayey soils shall be treated to a minimum depth of twelve inches 12") in the final subgrade level. The Contractor shall treat to the depth required to provide a 12" treated subgrade.

2. When the subgrade material is thoroughly and completely mixed and at the proper moisture content for compaction (as specified by the Contracting Officer), the roadbed or foundation shall be machined and the subgrade material shaped in such a manner that after full compaction, the finished subgrade course shall be the width indicated and closely conform to the lines, grades, and typical section shown in the Contract Documents or as specified.

   The Contractor shall guard against all irregularities in shape or section and loss of crown or segregation of materials. Proper drainage shall be maintained at all times.

3. After shaping has been completed and the material is at plus or minus three percent (3%) of the optimum moisture content, the subgrade shall be compacted in accordance with the provisions and requirements specified hereinafter.

B. The fabric shall be placed as smooth as possible and free from tension, stress, folds, wrinkles or creases.

C. Where more than one layer of fabric is required, all joints of the bottom layer shall be sewn to develop the required fabric strength perpendicular to the joint. The top layer and single layer installations of fabric may be overlapped a minimum of two feet at each joint or sewn.

D. Fabrics which weigh less than eight ounces per square yard shall be factory of field sewn with a "J" type seam. Heavier weight fabrics shall be factory sewn with two parallel bag type seams approximately one-fourth inch apart or field sewn with an additional seam zigzagged across the two parallel seams.

E. Securing pins with washers shall be inserted along a line through the mid-point of any overlap or sewn seam at intervals required by the Engineer to prevent movement of the fabric until covered.

F. The subsequent course of material shall be back-dumped in such a manner as to avoid damage to the underlying fabric. No equipment will be allowed to operate over the fabric until it is covered with a layer of material of sufficient thickness to protect the fabric installation. When the underlying soil is very unstable, the two outer one-third portions of an embankment layer shall be placed approximately 25 feet in advance of the center one-third portion to prevent excessive mudwave movements and damage to the fabric installation.

G. The Contractor shall provide equipment necessary for placing the fabric in the position and location as detailed on the plans.

END OF SECTION

SECTION 025900
SIDEWALKS

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section shall include construction of sidewalks as shown on the Contract Drawings and as specified herein.

1.02 REQUIREMENTS

A. All work specified in this Section shall conform to the applicable requirements of Section 03 30 00, Concrete General, of the Specifications.

PART 2 - PRODUCTS

2.01 MATERIALS

A. All materials for concrete work shall conform to the applicable requirements of Section 03 30 00, Concrete General.

B. Base course under structural concrete shall consists of 6" of crushed stone base, followed by geotextile fabric, and 36" of non-expansive clay soil buffer compacted to 95% ASTM D698.

C. Base course under concrete sidewalk shall consists of 36" of non-expansive clay soil buffer compacted to 95% ASTM D698.

PART 3 - EXECUTION

3.01 CONCRETE WALKS

A. Construct concrete walks in accordance with Section 03300 and as here specified using 3,000 psi concrete and W1.4x1.4 welded wire mesh reinforcement.

B. Check tops of forms and sub-grade with a template cut true to the cross section of the proposed construction immediately prior to placing concrete and correct any irregularities. Introduce short vertical curves in walks as shown on the Contract Drawings, or at points where the change in walk grade exceeds 2 per cent.

C. Provide 1/4 inch per foot cross slope or crown in direction indicated by grading. Make slight adjustment in slopes of walk intersection as necessary to provide proper drainage. The longitudinal surface variations shall be not more than 1/8 inch on a 5 foot transverse section.

D. Concrete walks and aprons shall be one course construction 4 inches thick minimum and of widths shown on the Contract Drawings.

E. Provide expansion joints not to exceed thirty (30) feet on center: at all intersections or changes in direction or cross section and where walks abut curbing, building or other structures.

July 11, 2019

RIDGELAND CITY HALL
RIDGELAND, MS

STRUCTURAL ADDENDUM #1

Drawings

Item No. 1 Ref. Sheet S101 – Add note "5. See sheet L100A for grades at building." See attached sheet S101

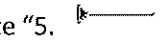
Item No. 2 Ref. Sheet S102 – (See attached sheet S102)

a. Beam on grid "7" between "C" and "E" shall be W16x26.
b. Add note "4.  Moment connection, see S301."
c. Add note "5. Provide L5x3x3/8 or L3x3x1/4 at all slab edges and openings."

Item No. 3 Ref. Sheet S103 (See attached sheet S103)

a. Note, Beams at the top of the east stairs shall be W8x10 (5 total).
b. Add note "4.  Moment connection, see S301."
c. Bar Joists spanning from grid "8" to "9" between grids "E" and "F" shall be 18K3.
d. Note, the center row of bridging for the 24LH05 shall be "X" bridging.

Item No. 4 Ref. Sheet S104 (See attached sheet S104)

a. Add note "5.  Moment connection, see S301."

Item No. 5 Ref. Sheet S105 – Revise Pergola Foundations and details. See attached sheet S105.

Item No. 6 Ref. Sheet S106 – Revise "Pergola and Patio Framing Plan – Alternate #3". See attached sheet S106.

Item No. 7 Ref. Sheet S201, detail 9 – Add note "Top of grade beam varies, bottom of grade beam shall be as shown, -5'-0" from F.F." See attached sheet S201.

Specifications

Item No. 8 Ref. Section 004100 – Bid Form:

1.08 Unit Prices – B. Unit Prices for Drilled Piers – add places for Add, Deduct, and Casing of 18" diameter shafts.

Jon D. Rice & Associates, LLC

Electrical Engineering Consultants
5403 Castlewoods Court · Suite G · Flowood, MS · 39232
Tel: 601-919-8040 Fax: 601-919-8060

July 12, 2019

Dean & Dean Architects
Attn: Alan Grant
P.O. Box 4685
Jackson, MS 39216

Re: Ridgeland City Hall

Electrical Addendum #1

Addendum items are as follows:

Electrical Service

1. An Allowance of $5000.00 shall be provided for Electrical Utility Company Costs.

Sheet E0.1

1. Light Switch with "S" adjacent to it shall be an Occupancy Sensor equal to Sensorswitch #WSX PDT.

Sheet E0.2

1. Fixture Type C shall change to Lithonia #STL4-60L-EZ1-LP840.

Sheet E0.3

1. Circuit L2A-51 shall serve receptacles on the roof.

Sheet E0.6

1. The Generator is shown to be 500 KW. The generator shall be 300 KW per Specification Section 26 32 13

Sheet E1.2

1. If Add Alternate 1 is taken, and Add Alternate 2 is not, provide raceway rough-in for lighting circuits shown in Add Alternate 2 for future connection. Stub-out raceways into accessible area in Add Alternate 2 vicinity.

Sheet E2.2

1. Storage 250:
    a. All Light Fixtures shall be Type C fixtures.

2. Records Vault 205:
    a. Six Type K fixtures shall be omitted.
    b. Four Type C Fixtures shall be added.

Sheet E6.1

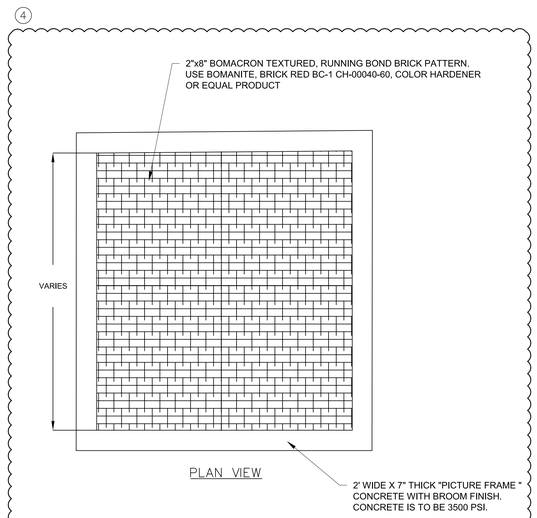
1. Provide three weatherproof receptacles near mechanical units on the roof and connect to circuit L2A-51.

The Electrical Drawings referenced above have been modified to reflect changes and are attached to this Addendum. (Excluding Sheets E0.1 and E0.6)

If you have any questions or concerns regarding this addendum, please call.

Thanks,

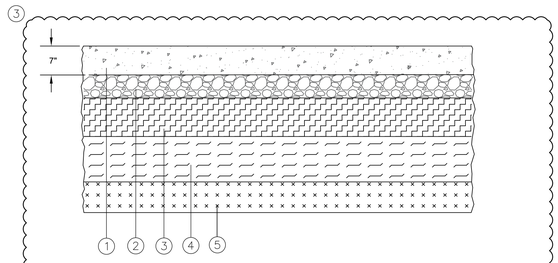
Michael Layman



PLAN VIEW

NOTE:

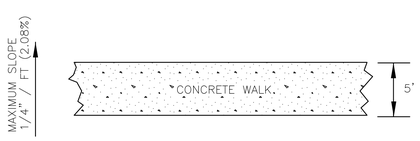
1. FOR CENTER CONCRETE PAVEMENT SECTION, JOINTS SHALL BE 11' X 11'.
2. FOR LEFT AND RIGHT CONCRETE PAVEMENT SECTION, JOINT SHALL BE 11.5' X 11.5'



SECTION VIEW

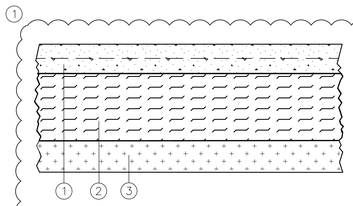
1. 7" CONCRETE, 3500 PSI WITH STAMPED BRICK FINISH
2. 6" CRUSHED STONE BASE
3. 12" LIME TREATED SUBGRADE
4. 24" NON-EXPANSIVE CLAY SOIL BUFFER COMPACTED TO 95% ASTM D698
5. UNDISTURBED MATERIAL

STAMPED CONCRETE PAVEMENT DETAIL
NOT TO SCALE
C4



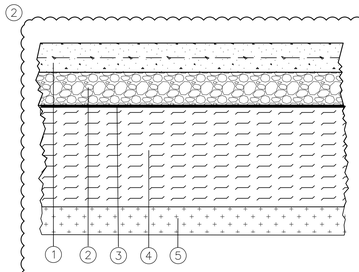
PLAN VIEW

REINFORCE WITH W1.4X1.4 SMOOTH BAR SHEETS (NOT ROLLS). PLACE TOOLED CONTROL JOINTS @ 10' O.C. AND SEALED EXPANSION JOINTS @ 30' O.C. REINFORCING SHALL BE PLACED @ MID-DEPTH OF SLAB.



1. 4" CONCRETE, 3500 PSI
2. 36" NON-EXPANSIVE CLAY SOIL BUFFER TO BE COMPACTED TO 95% ASTM D698.
3. UNDISTURBED MATERIAL

CONCRETE SIDEWALK
ELEVATION VIEW

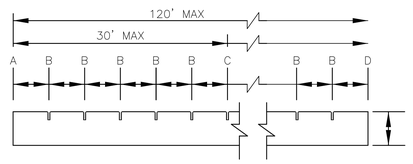


1. 4" CONCRETE, 3500 PSI
2. 6" CRUSHED STONE BASE
3. GEOTEXTILE FABRIC
4. 84" NON-EXPANSIVE CLAY SOIL BUFFER COMPACTED TO 95% ASTM D698
5. UNDISTURBED MATERIAL

STRUCTURAL CONCRETE SIDEWALK
ELEVATION VIEW

NOTE:
STRUCTURAL CONCRETE SIDEWALK IS TO BE USED FOR SIDEWALKS AROUND THE PROPOSED BUILDING. SEE SHEET C2.2 FOR LIMITS.

SIDEWALK DETAILS
NOT TO SCALE
C7



JOINT LEGEND:

A – 1/2" EXPANSION JOINTS (PREFORMED JOINT FILLER)

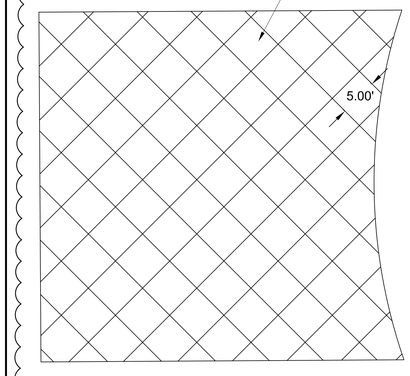
B – 3/16" TOOLED JOINTS, 1 1/2" DEEP (WITHIN 96 HOURS), 5' C/C – MAX

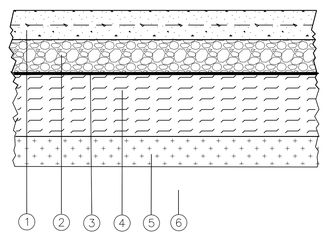
C – 3/16" TOOLED JOINTS, 1 1/2" DEEP (WITHIN 12 HOURS), 30' C/C – MAX

D – 1/2" EXPANSION JOINT WHEN RUN OF SIDEWALK EXCEEDS 120'

ALTERNATE #3: DRILLED PIER CONCRETE SIDEWALK

SEE STRUCTURAL SHEETS FOR DRILLED PIER CONCRETE SIDEWALK IF ALTERNATE #3 IS AWARDED.



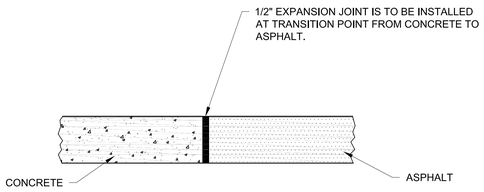


1. 4" CONCRETE, 3500 PSI
2. 6" CRUSHED STONE BASE
3. GEOTEXTILE FABRIC
4. 84" NON-EXPANSIVE CLAY SOIL BUFFER TO 95% ASTM D698
5. UNDISTURBED MATERIAL

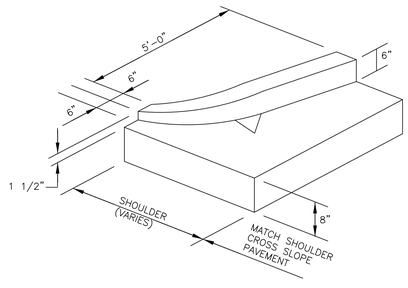
CONCRETE SIDEWALK ENTRANCE
ELEVATION VIEW

CONCRETE SIDEWALK ENTRANCE DETAIL
NOT TO SCALE
C5

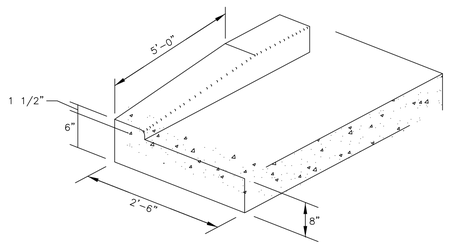
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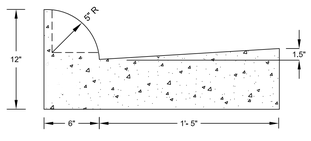
CONCRETE TO ASPHALT TRANSITION DETAIL
NOT TO SCALE
C6



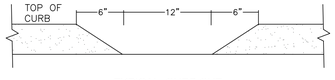
CURB END TRANSITION IN RADIUS SECTION



CURB END TRANSITION IN TANGENT SECTION



TYPE 3A COMBINATION CURB AND GUTTER



TYPICAL CURB CUT

CURB DETAILS
NOT TO SCALE
C8

DETAILS

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Project No: 14048 Revisions: 1 JULY 11, 2019 (ADDENDUM 1)
Date: JUNE 20, 2019
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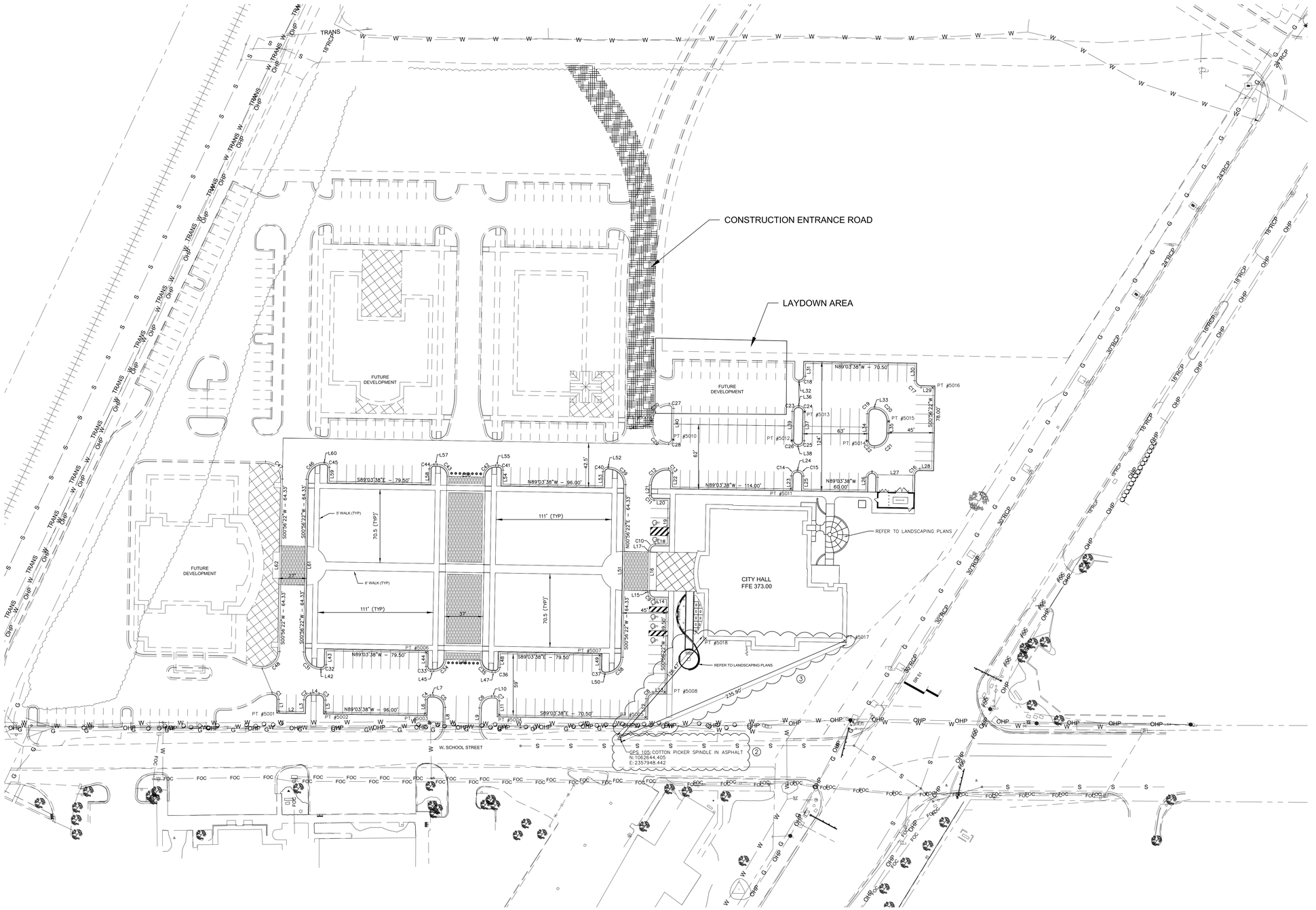
RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : C0.4

WILLIAM L. McWALTERS 16056 STATE OF MISSISSIPPI 6/26/19

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IN 14048



LINE	BEARING	DISTANCE
L1	S 00°56'22" W	11.50'
L2	N 89°03'38" W	24.00'
L3	S 00°56'22" W	11.50'
L4	N 89°03'38" W	8.00'
L5	S 00°56'22" W	11.50'
L6	N 00°56'22" E	13.50'
L7	N 89°03'38" W	3.00'
L8	S 00°56'22" W	18.05'
L9	N 00°56'22" E	17.95'
L10	S 89°03'38" E	3.00'
L11	N 00°56'22" E	13.50'
L12	S 00°56'22" W	18.00'
L13	N 89°03'38" W	11.50'
L14	N 89°03'38" W	11.50'
L15	N 00°56'22" E	1.33'
L16	S 00°56'22" W	37.33'
L17	N 00°56'22" E	1.33'
L18	S 89°03'38" E	11.50'
L19	S 00°56'22" W	42.00'
L20	S 89°03'38" E	13.50'
L21	S 00°56'22" W	9.43'
L22	S 00°56'22" W	13.46'
L23	N 00°56'22" E	12.50'
L24	N 89°03'38" W	1.00'
L25	N 00°56'22" E	12.50'
L26	S 00°56'22" W	15.00'
L27	S 89°03'38" E	16.50'
L28	N 89°03'38" W	11.50'
L29	S 89°03'38" E	11.50'
L30	N 00°56'22" E	15.00'
L31	N 00°56'22" E	12.50'
L32	S 89°03'38" E	1.00'
L33	S 89°03'38" E	1.00'
L34	N 00°56'22" E	26.00'
L35	S 00°56'22" W	12.00'
L36	N 89°03'38" W	1.00'
L37	N 00°56'22" E	28.00'
L38	S 89°03'38" E	1.00'
L39	S 00°56'22" W	28.00'
L40	S 00°56'22" W	29.98'
L41	S 00°56'22" W	6.00'
L42	N 89°03'38" W	1.00'
L43	N 00°56'22" E	13.50'
L44	S 00°56'22" W	13.50'
L45	S 89°03'38" E	3.00'
L46	S 89°03'38" E	33.00'
L47	S 89°03'38" E	3.00'
L48	S 00°56'22" W	13.50'
L49	S 00°56'22" W	13.50'
L50	S 89°03'38" E	1.00'
L51	S 00°56'22" W	37.33'
L52	S 89°03'38" E	1.00'
L53	N 00°56'22" E	13.50'
L54	N 00°56'22" E	13.50'
L55	N 89°03'38" W	3.00'
L56	N 89°03'38" W	33.00'
L57	S 89°03'38" E	3.00'
L58	N 00°56'22" E	13.50'
L59	N 00°56'22" E	13.50'
L60	S 89°03'38" E	1.00'
L61	S 00°56'22" W	37.33'
L62	S 00°56'22" W	37.33'

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	10.30'	6.50'	90°47'21"	N 44°27'18" W	9.26'
C2	10.21'	6.50'	90°00'00"	N 45°56'22" E	9.19'
C3	10.21'	6.50'	90°00'00"	N 44°03'38" W	9.19'
C4	7.07'	4.50'	90°00'00"	N 45°56'22" E	6.36'
C5	18.06'	11.50'	90°00'00"	S 44°03'38" E	16.26'
C6	18.06'	11.50'	90°00'00"	S 45°56'22" W	16.26'
C7	7.07'	4.50'	90°00'00"	N 44°03'38" W	6.36'
C8	10.21'	6.50'	90°00'00"	N 45°56'22" E	9.19'
C9	10.21'	6.50'	90°00'00"	S 44°03'38" E	9.19'
C10	10.21'	6.50'	90°00'00"	S 45°56'22" W	9.19'
C11	7.07'	4.50'	90°00'00"	N 44°03'38" W	6.36'
C12	27.29'	16.50'	94°46'49"	S 48°19'47" W	24.29'
C13	6.69'	4.50'	85°13'11"	S 41°40'13" E	6.09'
C14	8.64'	5.50'	90°00'00"	S 45°56'22" W	7.78'
C15	8.64'	5.50'	90°00'00"	S 44°03'38" E	7.78'
C16	10.21'	6.50'	90°00'00"	S 45°56'22" W	9.19'
C17	10.21'	6.50'	90°00'00"	S 44°03'38" E	9.19'
C18	8.64'	5.50'	90°00'00"	N 45°56'22" E	7.78'
C19	10.21'	6.50'	90°00'00"	N 45°56'22" E	9.19'
C20	21.21'	13.50'	90°00'00"	S 44°03'38" E	19.09'
C21	21.21'	13.50'	90°00'00"	S 45°56'22" W	19.09'
C22	10.21'	6.50'	90°00'00"	N 44°03'38" W	9.19'
C23	8.64'	5.50'	90°00'00"	S 45°56'22" W	7.78'
C24	8.64'	5.50'	90°00'00"	S 44°03'38" E	7.78'

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C25	8.64'	5.50'	90°00'00"	N 45°56'22" E	7.78'
C26	8.64'	5.50'	90°00'00"	N 44°03'38" W	7.78'
C27	6.88'	4.50'	87°36'43"	S 42°51'59" E	6.23'
C28	6.88'	4.50'	87°36'43"	N 44°44'44" E	6.23'
C29	26.61'	16.50'	92°23'17"	S 45°15'16" E	23.82'
C30	26.61'	16.50'	92°23'17"	N 47°08'01" E	23.82'
C31	25.92'	16.50'	90°00'00"	S 44°03'38" E	23.33'
C32	7.07'	4.50'	90°00'00"	N 45°56'22" E	6.36'
C33	7.07'	4.50'	90°00'00"	S 44°03'38" E	6.36'
C34	18.06'	11.50'	90°00'00"	S 45°56'22" W	16.26'
C35	18.06'	11.50'	90°00'00"	N 44°03'38" W	16.26'
C36	7.07'	4.50'	90°00'00"	S 45°56'22" W	6.36'
C37	7.07'	4.50'	90°00'00"	S 44°03'38" E	6.36'
C38	25.92'	16.50'	90°00'00"	S 45°56'22" W	23.33'
C39	25.92'	16.50'	90°00'00"	N 44°03'38" W	23.33'
C40	7.07'	4.50'	90°00'00"	S 45°56'22" W	6.36'
C41	7.07'	4.50'	90°00'00"	S 44°03'38" E	6.36'
C42	18.06'	11.50'	90°00'00"	N 45°56'22" E	16.26'
C43	18.06'	11.50'	90°00'00"	N 44°03'38" W	16.26'
C44	7.07'	4.50'	90°00'00"	S 45°56'22" W	6.36'
C45	7.07'	4.50'	90°00'00"	S 44°03'38" E	6.36'
C46	25.92'	16.50'	90°00'00"	N 45°56'22" E	23.33'
C47	25.92'	16.50'	90°00'00"	S 44°03'38" E	23.33'
C48	25.96'	16.50'	90°09'18"	N 46°01'01" E	23.37'

REFERENCE POINTS				
	DESCRIPTION	NORTHING	EASTING	ELEVATION
#5001	EDGE OF PAVEMENT	1062667.72	2357620.57	370.41
#5002	EDGE OF PAVEMENT	1062667.34	2357665.57	370.07
#5003	EDGE OF PAVEMENT	1062665.63	2357832.15	371.31
#5004	EDGE OF PAVEMENT	1062664.30	2357832.37	371.35
#5005	EDGE OF PAVEMENT	1062661.93	2357973.31	373.18
#5006	EDGE OF PAVEMENT	1062724.64	2357762.67	370.64
#5007	EDGE OF PAVEMENT	1062721.85	2357929.61	371.84
#5008	EDGE OF PAVEMENT	1062685.98	2357991.69	372.50
#5009	EDGE OF PAVEMENT	1062947.58	2357978.81	369.87
#5010	EDGE OF PAVEMENT	1062929.24	2358000.02	369.96
#5011	EDGE OF PAVEMENT	1062881.86	2358113.26	371.26
#5012	EDGE OF PAVEMENT	1062928.36	2358114.02	371.08
#5013	EDGE OF PAVEMENT	1062956.09	2358126.56	370.62
#5014	EDGE OF PAVEMENT	1062928.07	2358186.13	371.80
#5015	EDGE OF PAVEMENT	1062946.77	2358207.27	371.64
#5016	EDGE OF PAVEMENT	1062979.20	2358249.62	370.54
#5017	BUILDING SE CORNER	--	--	373.00
#5018	BUILDING SW CORNER	--	--	373.00

NOTES:

LAYOUT INFORMATION REFERENCES THE EDGE OF PAVEMENT AND CORNERS OF THE BUILDING UNLESS OTHERWISE STATED.

DIMENSIONING REFERENCES FACE OF CURB.

1. SEE SHEET P102 FOR LOCATION OF GAS SERVICE
2. GPS 105: COTTON PICKER SPINDLE IN ASPHALT N: 1062644.405 E: 2357948.442
3. #5017 AND #5018 ARE REFERENCED FROM CENTER OF STEEL COLUMN AT CORNER OF BUILDING. SEE STRUCTURAL SHEETS.

WILLIAM L. McMILLAN PROFESSIONAL ENGINEER 10065 STATE OF MISSISSIPPI 6/20/19

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PROPOSED LAYOUT PLAN

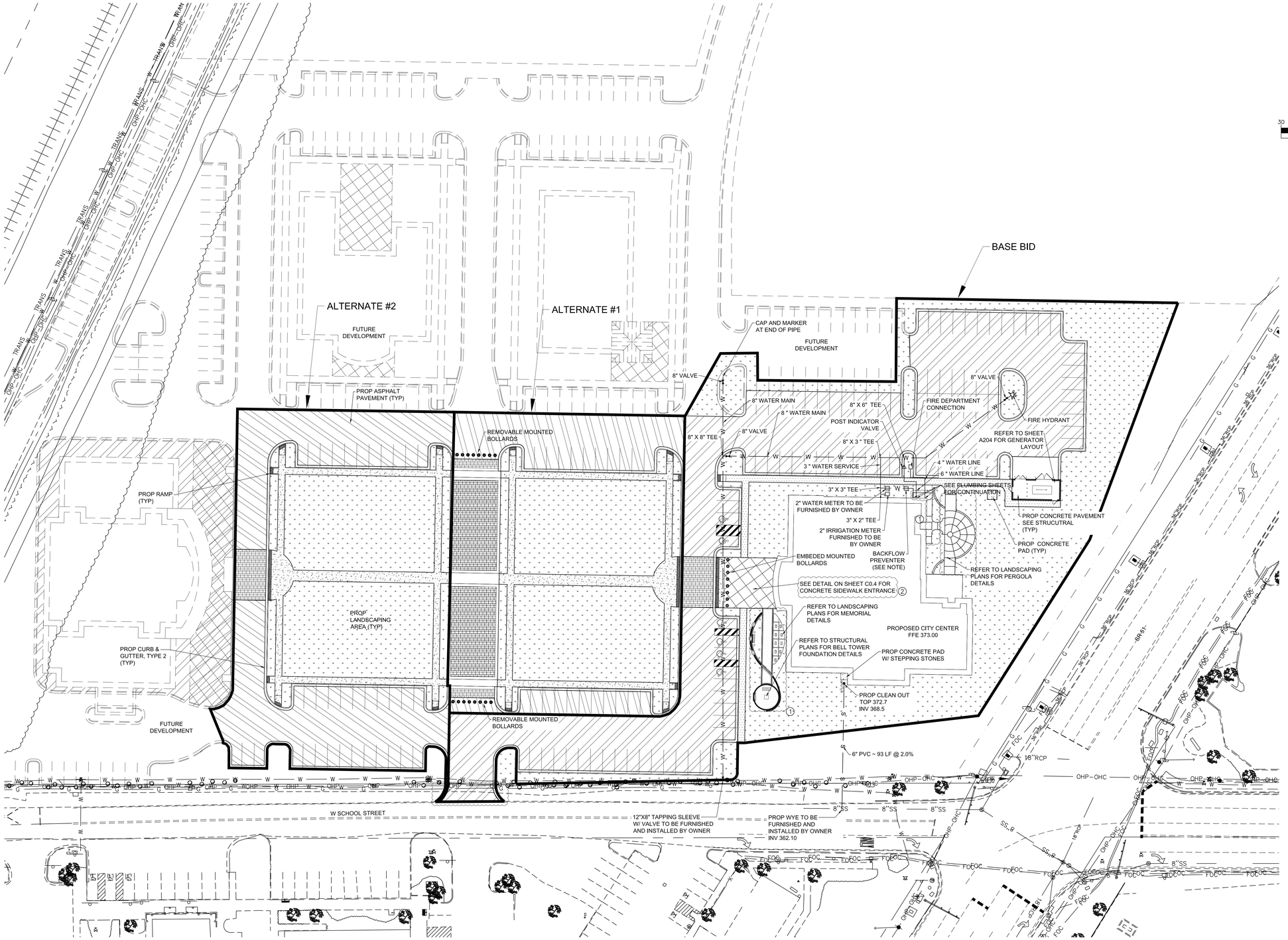
Sheet Number : C2.1

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Project No: 14048 Revisions: 1 JULY 11, 2019 (ADDENDUM 1)
Date: JUNE 20, 2019
Drawn: KS, EG, TC
Checked: BM

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

RIDGELAND CITY HALL
RIDGELAND, MS
PN: 14048



GRAPHIC SCALE

30 0 15 30 60 120

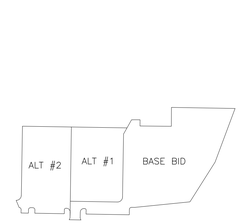
(IN FEET)

LEGEND

- CONCRETE SIDEWALK
- STRUCTURAL CONCRETE SIDEWALK
- LANDSCAPING
- DETECTABLE WARNING
- ASPHALT PAVEMENT – BASE BID
- ASPHALT PAVEMENT – ALTERNATE 1
- ASPHALT PAVEMENT – ALTERNATE 2
- STAMPED CONCRETE
- SCORED CONCRETE
- S — SANITARY SEWER
- W — WATER LINE

NOTES

1. CURB QUANTITIES ARE MEASURED ALONG BACK OF CURB.
2. TOPSOIL SHALL BE REMOVED AND STORED FOR PLACEMENT IN PROPOSED LANDSCAPING LOCATIONS. COSTS SHALL BE INCORPORATED INTO LANDSCAPING BID ITEMS.
3. REFER TO LANDSCAPING PLANS FOR PLANTING DETAILS.
4. REFER TO MECHANICAL DRAWINGS FOR GENERATOR ENCLOSURE DETAILS.
5. REFER TO SHEET C4.1 FOR TIE–INS TO BUILDING DRAINAGE.
6. REFER TO PLUMBING SHEETS FOR GAS LINE LOCATION AND DETAIL.
7. ASPHALT CONVERSION FACTOR: 1 CY = 2.025 TONS
8. SEE SHEET CO.4 FOR CONCRETE SIDEWALK UNDERCUTTING AND BACKFILLING MATERIAL DETAILS IF ALTERNATE #3 OR #4 IS AWARDED.
9. CONDUIT IS TO BE LAID WITH 6" MINIMAL SPACING TO ALLOW FOR INDIVIDUAL PULL BOXES FOR EACH PROVIDER.
10. BACKFLOW PREVENTER ASSEMBLY TO BE INSTALLED IN ACCORDANCE TO THE REQUIREMENTS OF THE CITY.



INDEX MAP

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PROPOSED SITE PLAN

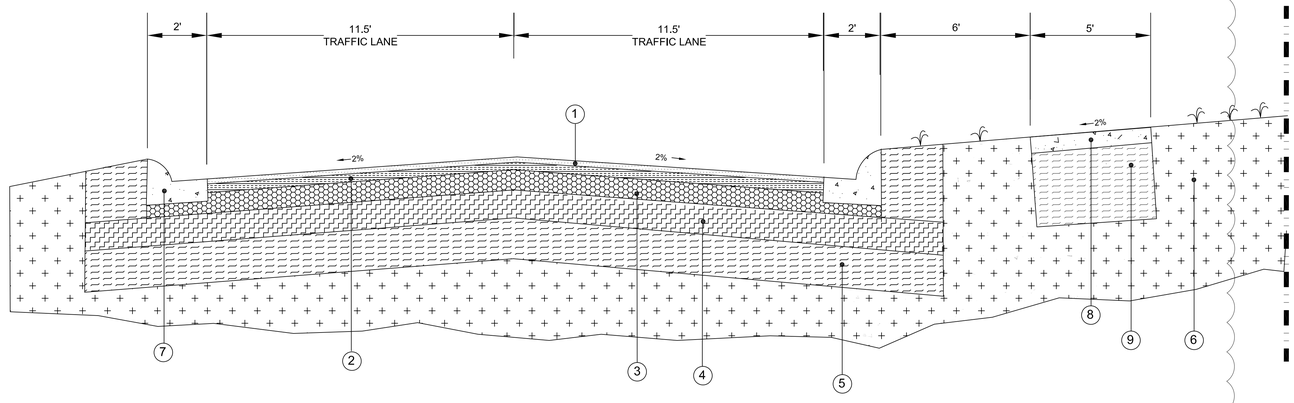
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Checked: BM

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Sheet Number : C2.2

RIDGELAND CITY HALL
RIDGELAND, MS
RN 14048



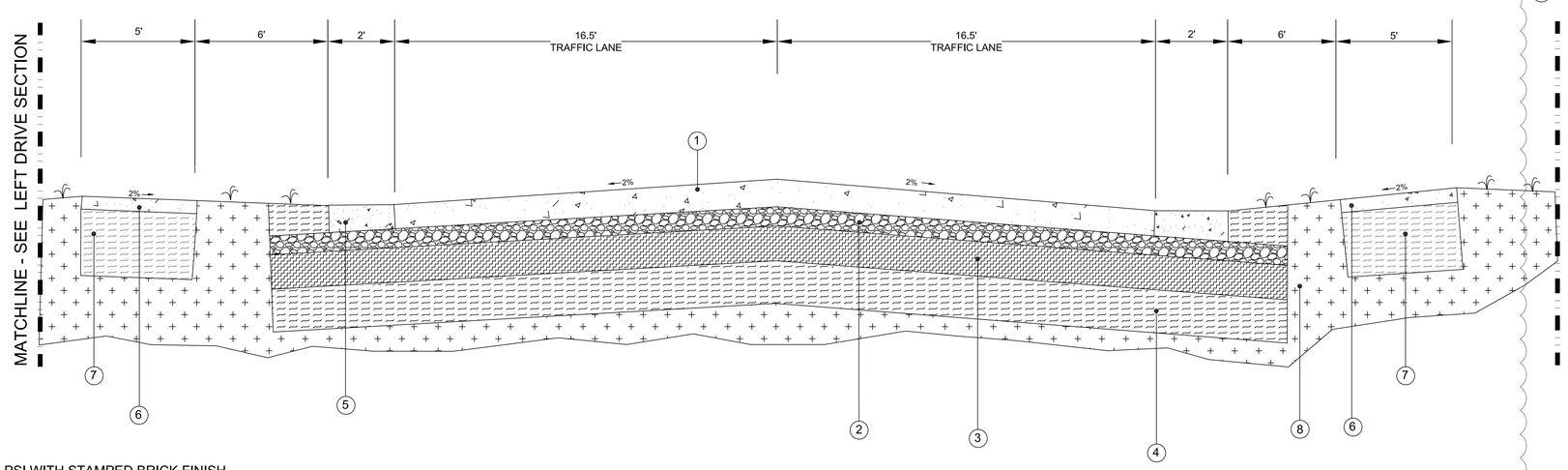
MATCHLINE - SEE CENTER DRIVE SECTION

1. 1.5" MT 9.5mm SURFACE COURSE
2. 2" MT 12.5mm BINDER COURSE
3. 5" MT 19mm BASE COURSE (TWO - 2.5" LIFTS)
4. 12" LIME TREATED SUBGRADE
5. 24" NON-EXPANSIVE CLAY SOIL BUFFER
   BACKFILL MATERIAL TO BE COMPACTED TO 95% ASTM D698
6. UNDISTURBED SOIL MATERIAL
7. COMBINATION CONCRETE CURB AND GUTTER, TYPE 3A
8. 4" CONCRETE SIDEWALK
9. 36" NON-EXPANSIVE CLAY SOIL BUFFER
   BACKFILL MATERIAL TO BE COMPACTED TO 95% ASTM D698

LEFT ASPHALT DRIVE

NOTE:

- ALL PARKING AREAS ARE TO MATCH THE UNDERCUTTING AND BACKFILLING MATERIAL OF THE ASPHALT DRIVES.
- UNDERCUTTING AND BACKFILLING MATERIAL IS TO EXTEND 2' BEYOND THE BACK OF CURB.
- THE FIRST LIFT OF 2.5" BASE COURSE WILL BE BELOW THE CURB AND GUTTER. IT WILL EXTEND TO THE BACK OF THE CURB.



MATCHLINE - SEE SHEET C2.7

1. 7" CONCRETE, 3500 PSI WITH STAMPED BRICK FINISH
   SEE DETAIL ON SHEET C0.4
2. 6" CRUSHED STONE BASE
3. 12" LIME TREATED SUBGRADE
4. 24" NON-EXPANSIVE CLAY SOIL BUFFER
   BACKFILL MATERIAL TO BE COMPACTED TO 95% ASTM D698
5. 2' WIDE BROOM FINISH CONCRETE, 3500 PSI
6. 4" CONCRETE SIDEWALK
7. 36" NON-EXPANSIVE CLAY SOIL BUFFER
   BACKFILL MATERIAL TO BE COMPACTED TO 95% ASTM D698
8. UNDISTURBED SOIL MATERIAL

CENTER CONCRETE PAVEMENT DRIVE

TYPICAL CROSS SECTION

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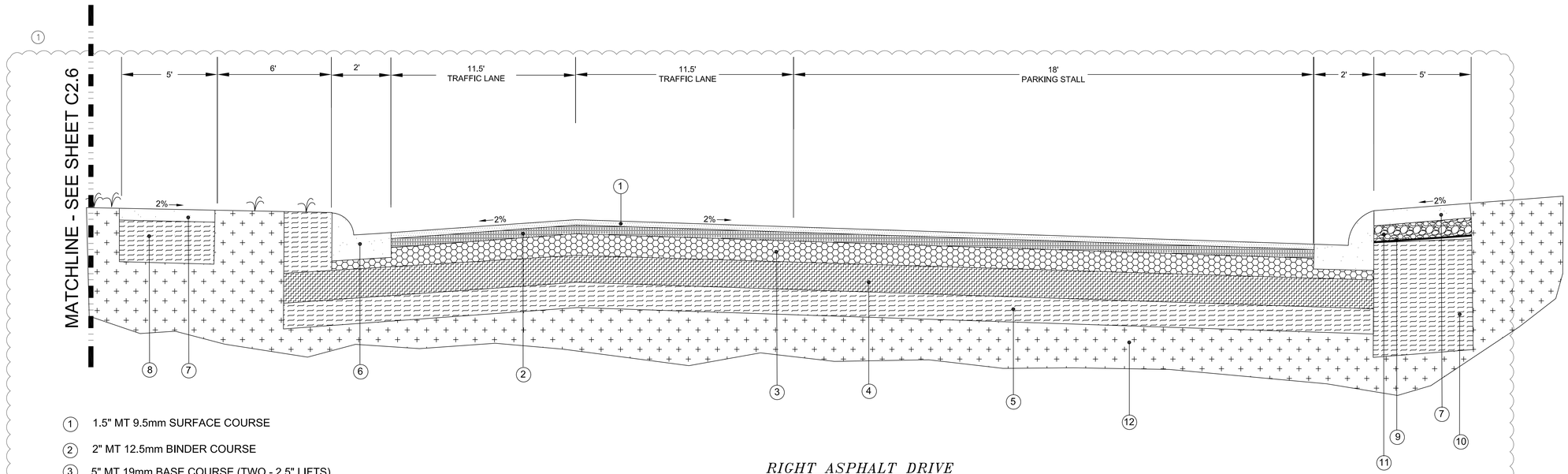
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Date: JUNE 20, 2019
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Sheet Number: C2.6



RIGHT ASPHALT DRIVE

1. 1.5" MT 9.5mm SURFACE COURSE
2. 2" MT 12.5mm BINDER COURSE
3. 5" MT 19mm BASE COURSE (TWO - 2.5" LIFTS)
4. 12" LIME TREATED SUBGRADE
5. 24" NON-EXPANSIVE CLAY SOIL BUFFER TO BE COMPACTED TO 95% ASTM D698
6. COMBINATION CONCRETE CURB AND GUTTER, TYPE 3A
7. 4" CONCRETE SIDEWALK
8. 36" NON-EXPANSIVE CLAY SOIL BUFFER TO BE COMPACTED TO 95% ASTM D698
9. GEOTEXTILE FABRIC
10. 84" NON-EXPANSIVE CLAY SOIL BUFFER TO BE COMPACTED TO 95% ASTM D698
11. 6" CRUSHED STONE BASE
12. UNDISTURBED SOIL MATERIAL

NOTE:

- ALL PARKING AREAS ARE TO MATCH THE UNDERCUTTING AND BACKFILLING MATERIAL OF THE ASPHALT DRIVES.
- UNDERCUTTING AND BACKFILLING MATERIAL IS TO EXTEND 2' BEYOND THE BACK OF CURB.
- (2) THE FIRST LIFT OF 2.5" BASE COURSE WILL BE BELOW THE CURB AND GUTTER. IT WILL EXTEND TO THE BACK OF THE CURB.

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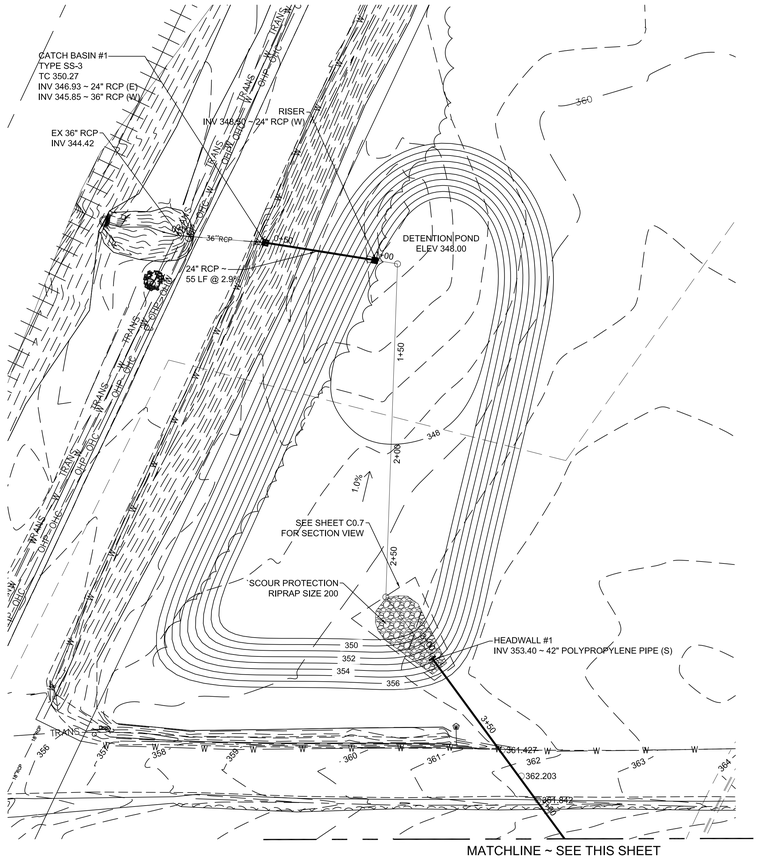
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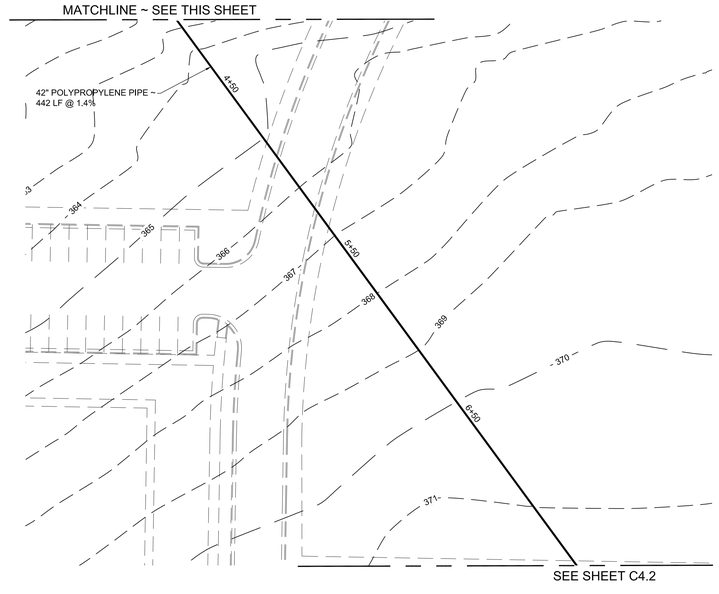
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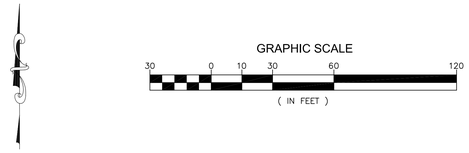
RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number: C2.7

RIDGELAND CITY HALL
RIDGELAND, MS
PW 14048



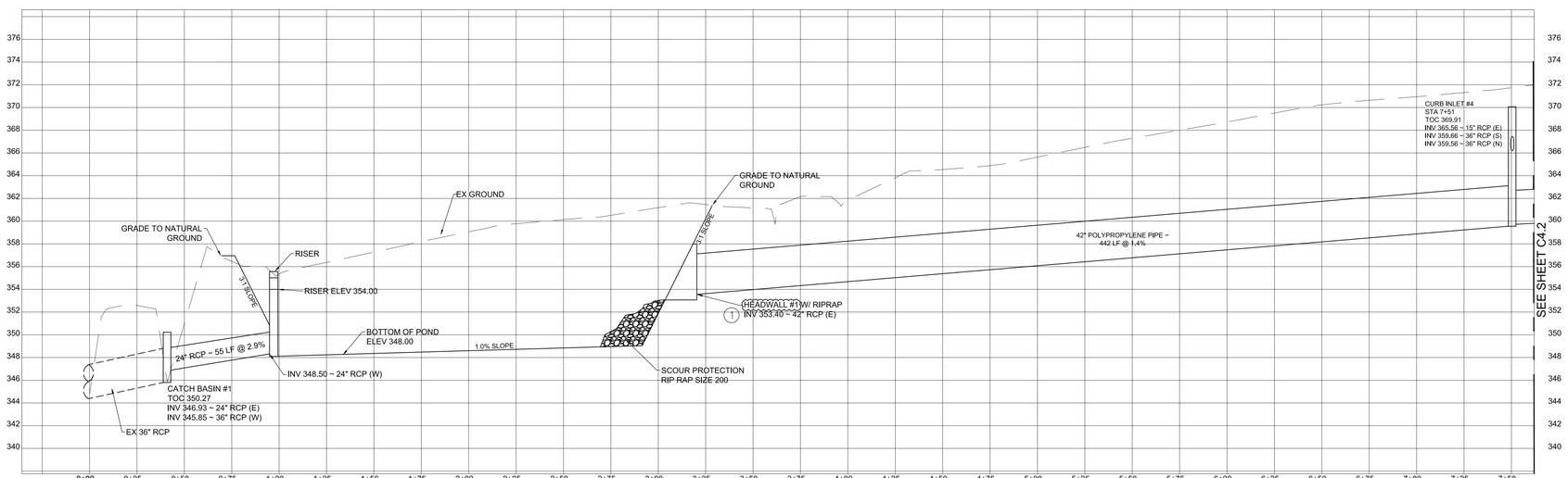




NOTES

1. 42" POLYPROPYLENE PIPE IS TO BE ADS HP STORM PIPE OR APPROVED EQUAL.
2. REFER TO SHEET C0.8 FOR CATCH BASIN DETAIL.

REFERENCE POINTS				
STRUCTURE	NORTHING	EASTING	ELEVATION	DESCRIPTION
CATCH BASIN #1	1063561.5823	2357786.5656	350.27	CENTER OF CATCH BASIN #1
HEADWALL #1	1063354.8727	2357873.3320	355.15	CENTER OF PIPE INVERT FOR HEADWALL # 1
RISER	1063554.4985	2357840.9671	355.00	TOP OF RISER ELEVATION
CURB INLET #4	1063004.1043	2358130.1152	369.91	CENTER OF CURB INLET



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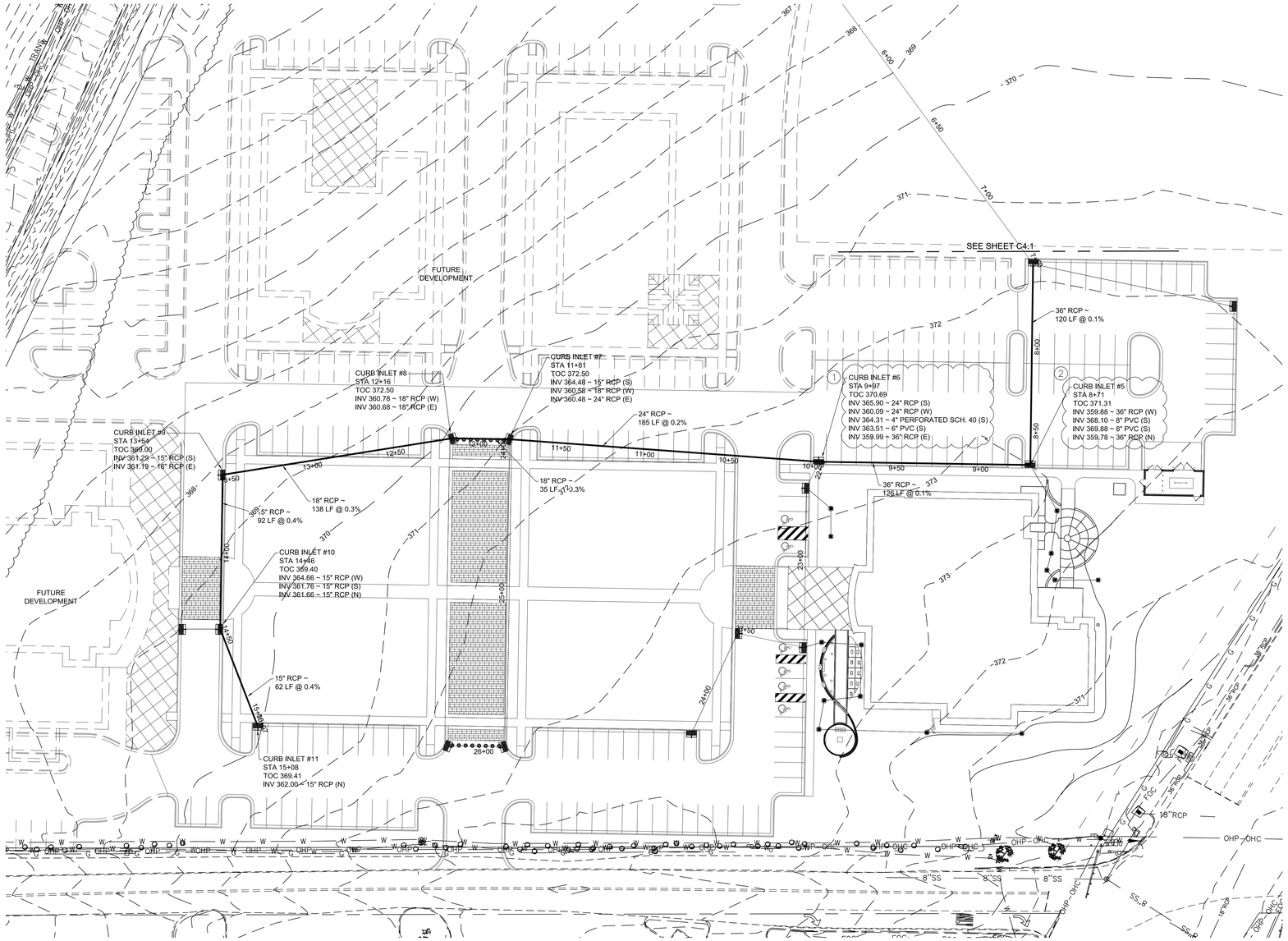
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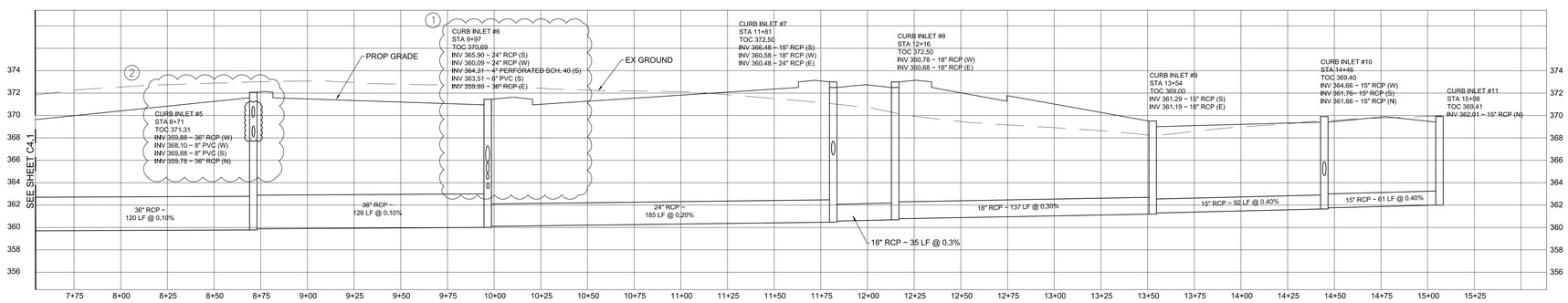
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GRAPHIC SCALE

30 0 10 30 60 120

(IN FEET)

NOTES

1. IF ALTERNATE BIDS ARE NOT AWARDED, STUB OUT DRAINAGE LINES PAST PROPOSED CONSTRUCTION, AS NEEDED.
2. ALL CURB INLETS ARE TO BE MDOT TYPE GI–1A MODIFIED REFER TO DETAIL SHEET C0.9

REFERENCE POINTS

CURB INLET #	NORTHING	EASTING	ELEVATION	DESCRIPTION
5	1062880.1180	2358128.2630	371.31	CENTER OF CURB INLET
6	1062882.1841	2358002.2808	370.69	CENTER OF CURB INLET
7	1062896.3346	2357819.4626	372.50	CENTER OF CURB INLET
8	1062896.8278	2357782.5397	372.50	CENTER OF CURB INLET
9	1062875.5955	2357648.6024	369.00	CENTER OF CURB INLET
10	1062783.6782	2357647.0950	369.40	CENTER OF CURB INLET
11	1062727.6536	2357668.2019	369.41	CENTER OF CURB INLET



INDEX MAP

PROPOSED DRAINAGE PLAN & PROFILES

C4.2

Sheet Number :

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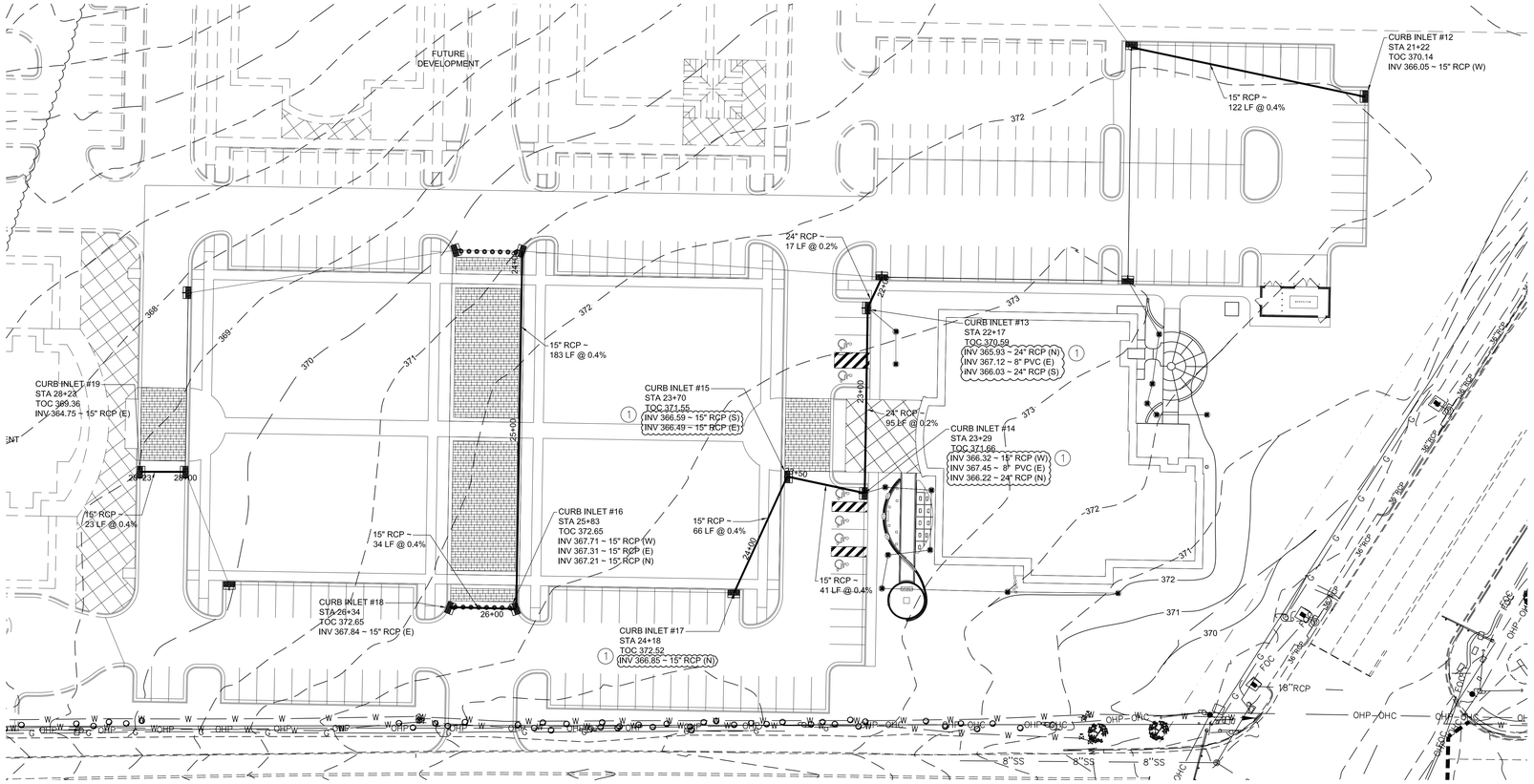
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GRAPHIC SCALE

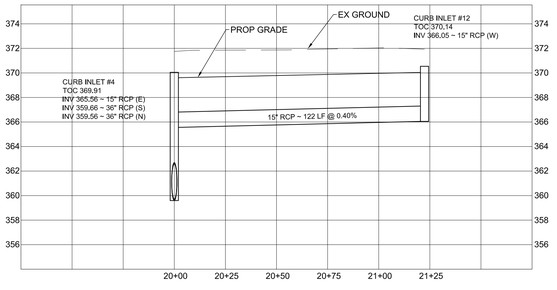
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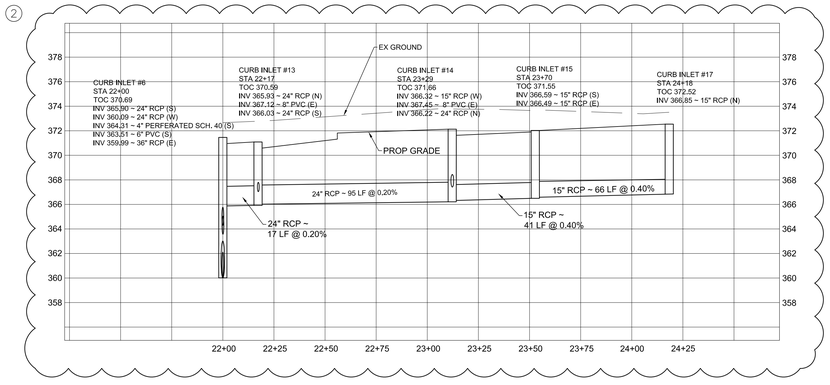
REFERENCE POINTS				
CURB INLET #	NORTHING	EASTING	ELEVATION	DESCRIPTION
12	1062976.0781	235782513189	370.14	CENTER OF CURB INLET
13	1062867.7418	2357996.5082	370.59	CENTER OF CURB INLET
14	1062772.7746	2357994.9504	371.66	CENTER OF CURB INLET
15	1062781.2836	2357952.5968	371.55	CENTER OF CURB INLET
16	1062714.2519	2357816.4144	372.65	CENTER OF CURB INLET
17	1062724.8896	2357836.6793	372.52	CENTER OF CURB INLET
18	1062714.8364	2357779.5181	372.65	CENTER OF CURB INLET
19	1062783.7206	2357621.0922	369.36	CENTER OF CURB INLET

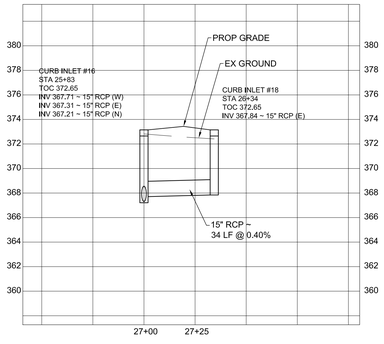
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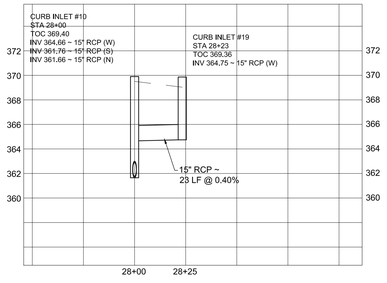
1. IF ALTERNATE BIDS ARE NOT AWARDED, STUB OUT DRAINAGE LINES PAST PROPOSED CONSTRUCTION, AS NEEDED.
2. ALL CURB INLETS ARE TO BE MDOT TYPE GI-1A MODIFIED. REFER TO DETAIL SHEET C0.9.
3. TOC (TOP OF CASTING) IS SHOWN AS THE ELEVATION AT THE TOP OF THE CURB.

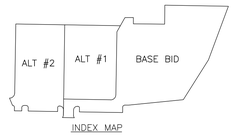


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INDEX MAP

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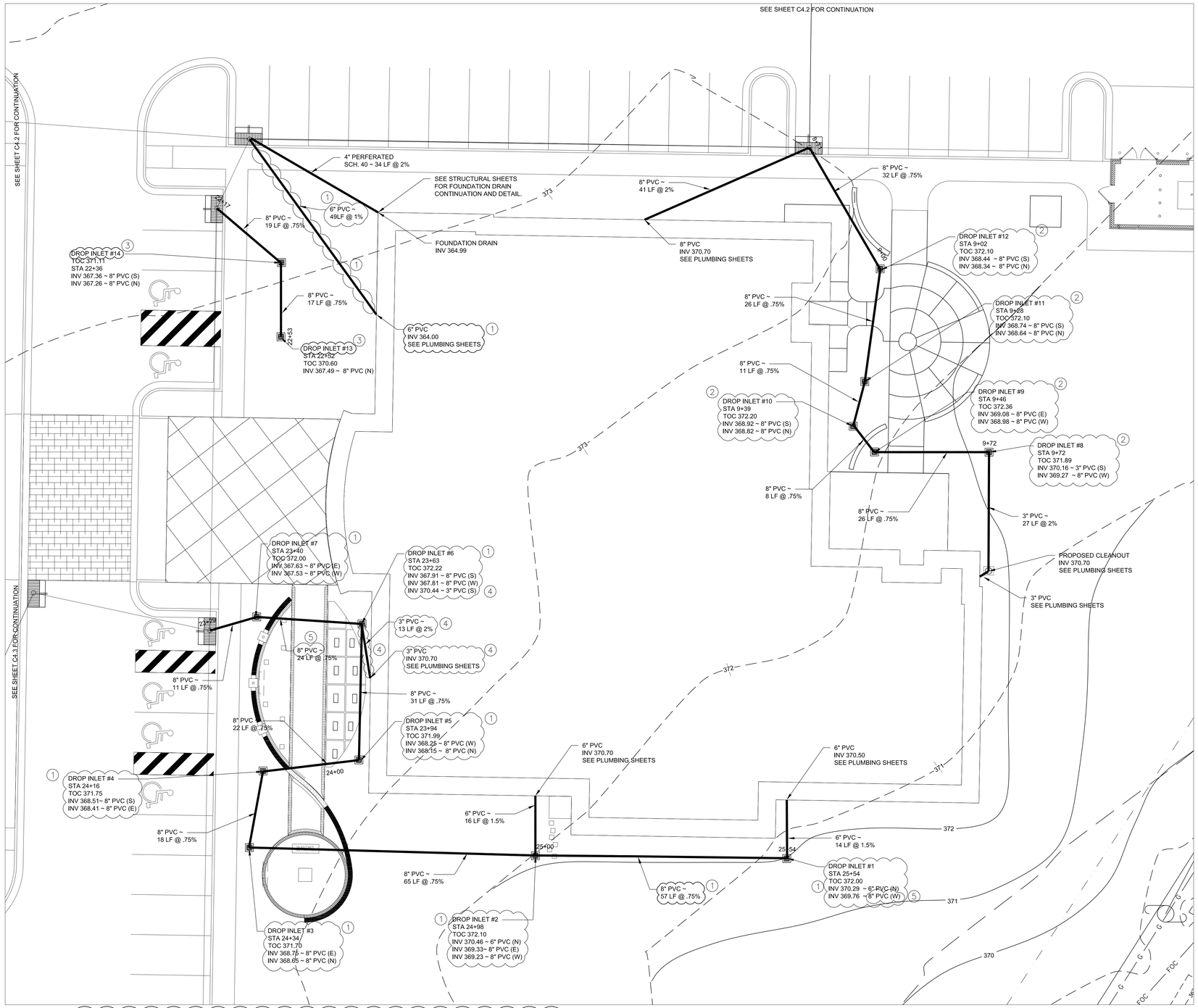
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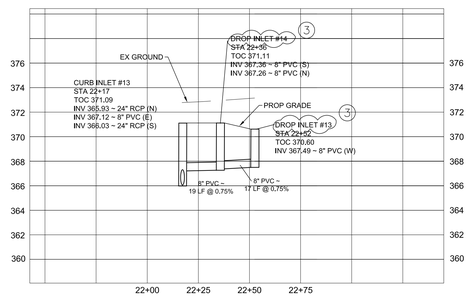
RIDGELAND CITY HALL
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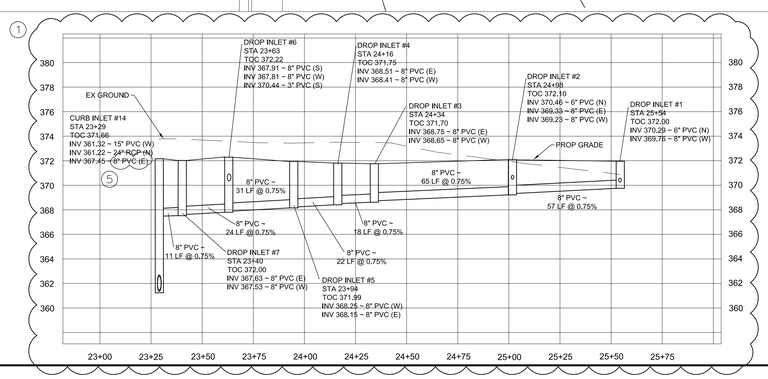


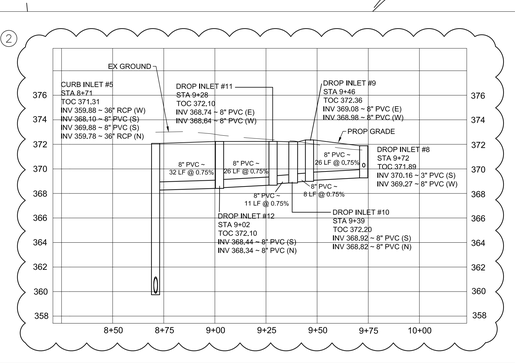
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1	1062720.7750	2358124.2685	372.00	GRATE OF DROP INLET
2	1062721.3814	2358067.7188	372.10	GRATE OF DROP INLET
3	1062723.2418	2358003.3841	371.70	GRATE OF DROP INLET
4	1062740.4640	2358006.4462	371.75	GRATE OF DROP INLET
5	1062742.9537	2358028.0217	371.99	GRATE OF DROP INLET
6	1062773.5582	2358028.7148	372.22	GRATE OF DROP INLET
7	1062775.1328	2358005.0255	372.00	GRATE OF DROP INLET
8	1062812.1897	2358169.7772	371.89	GRATE OF DROP INLET
9	1062812.2459	2358144.0269	372.36	GRATE OF DROP INLET
10	1062818.0199	2358139.2132	372.20	GRATE OF DROP INLET
11	1062828.0877	2358141.8221	372.10	GRATE OF DROP INLET
12	1062853.4353	2358145.2973	372.10	GRATE OF DROP INLET
13	1062838.1544	2358010.4829	370.60	GRATE OF DROP INLET
14	1062854.8574	2358010.5956	371.11	GRATE OF DROP INLET

NOTES

1. REFER TO SHEET C0.8 FOR DROP INLET DETAIL.
2. TOC (TOP OF CASTING) IS SHOWN AS THE ELEVATION AT THE TOP OF THE CURB.
3. SEE SHEET L100A FOR FOR GRADES AT BUILDING.







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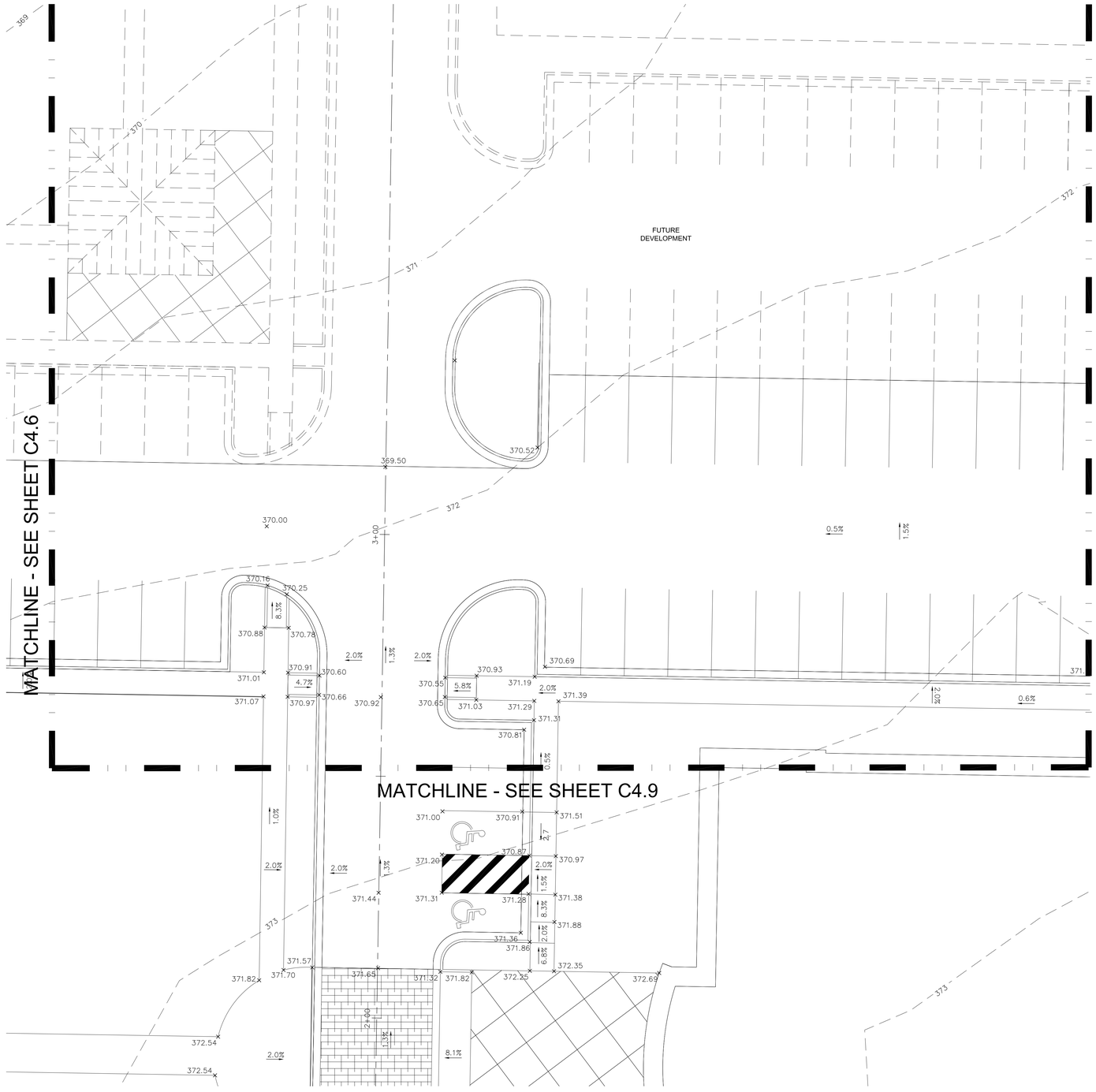
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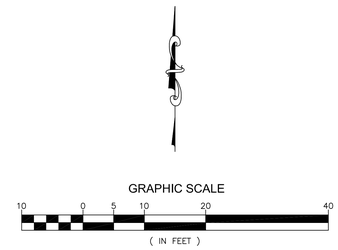
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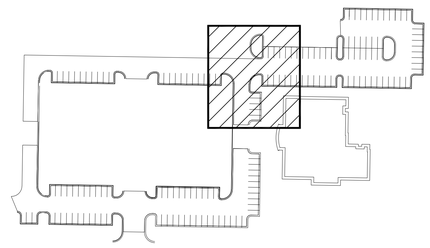




1

NOTES

1. REFER TO SHEET L100A FOR GRADES AT BUILDING.



KEY PLAN

GRADING DETAIL

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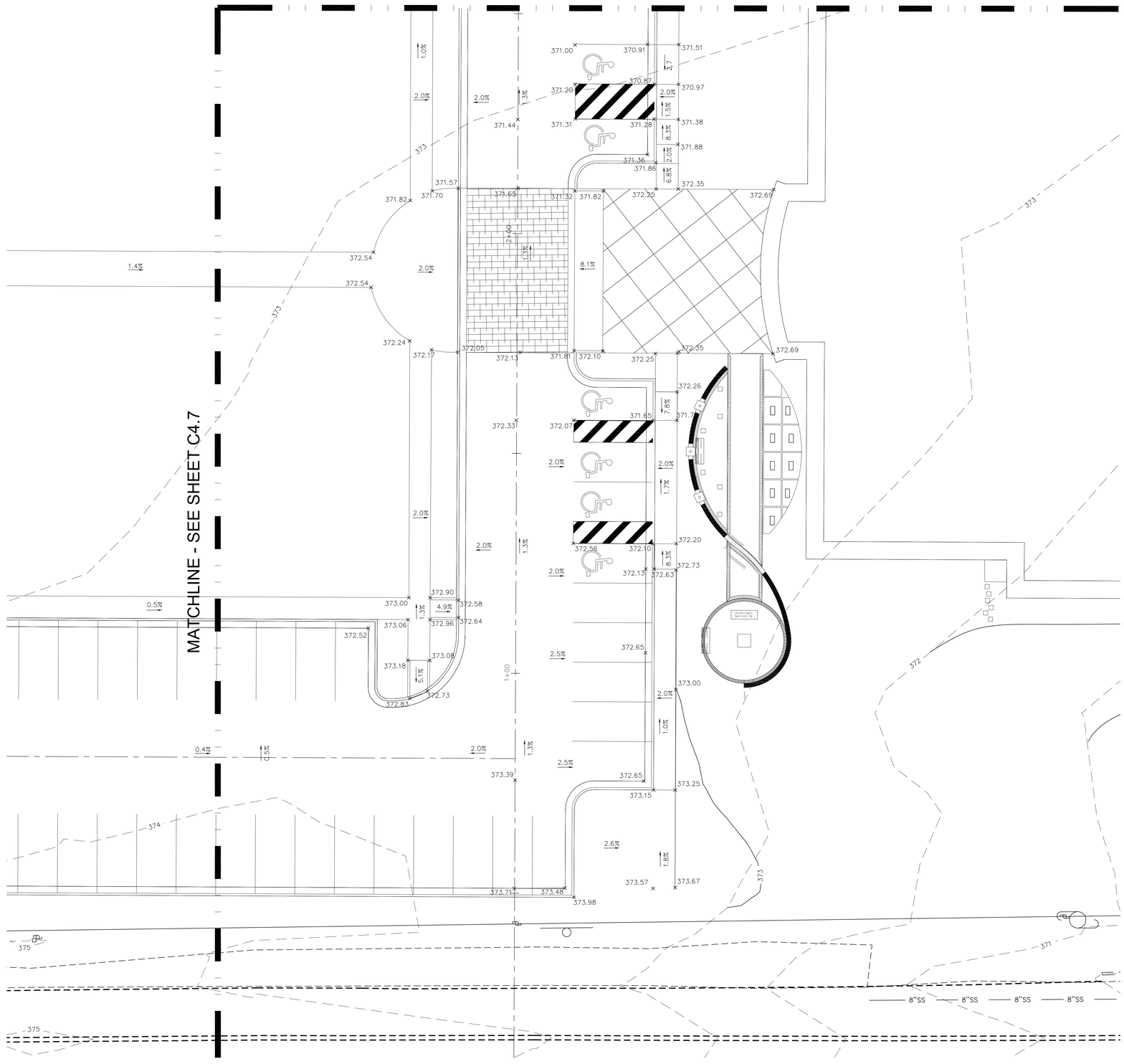
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MATCHLINE - SEE SHEET C4.8

MATCHLINE - SEE SHEET C4.7



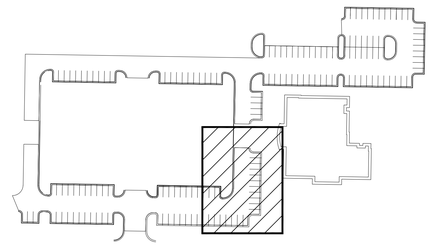
GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)

1 NOTES

1. REFER TO SHEET L100A FOR GRADES AT BUILDING.



KEY PLAN

GRADING DETAIL

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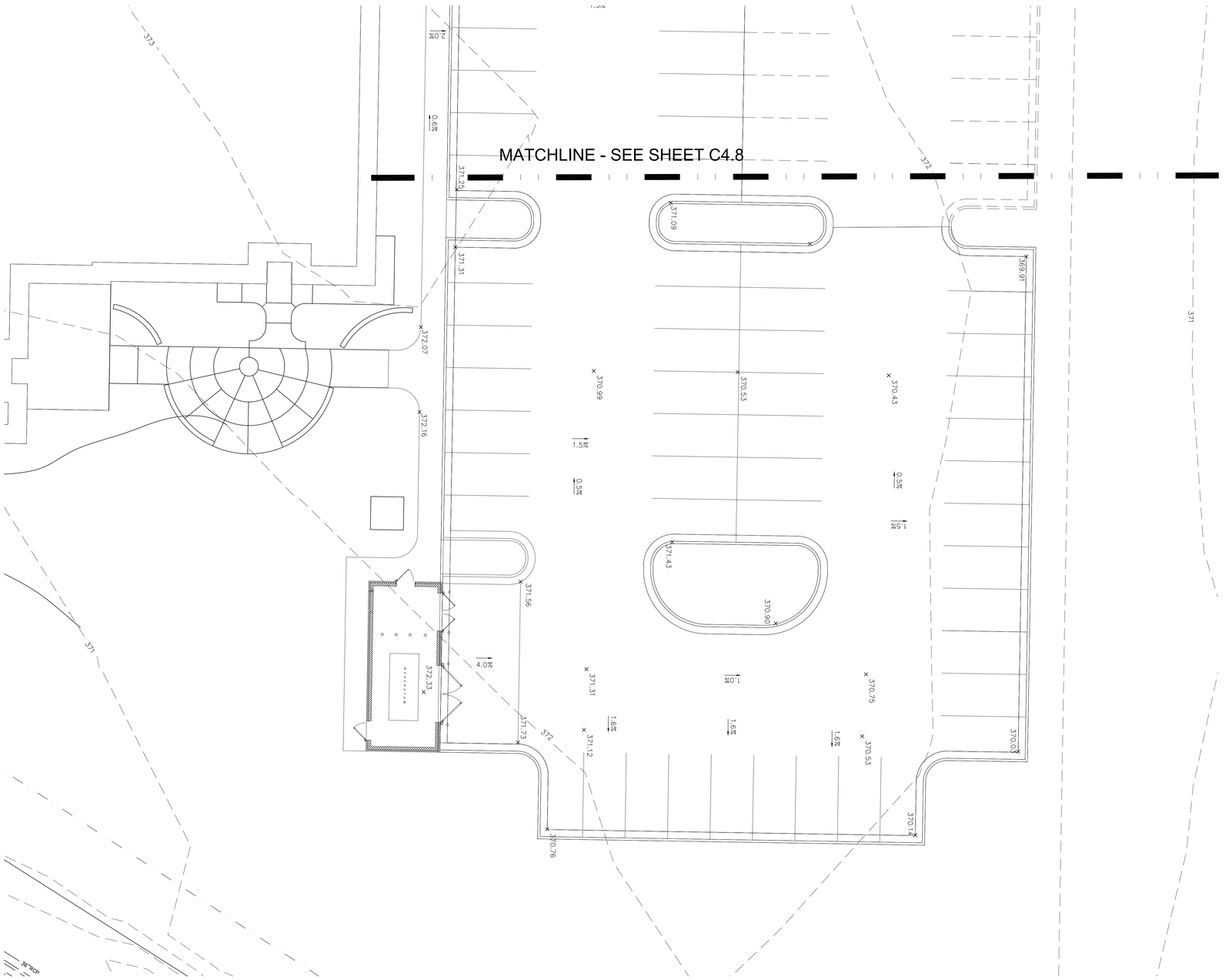
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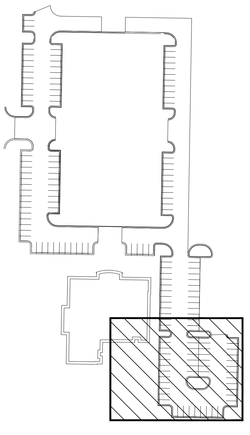
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KEY PLAN



GRAPHIC SCALE
(IN FEET)
10 0 5 10 20 40

GRADING DETAIL

WILLIAM L. WAGGONER
REGISTERED PROFESSIONAL ENGINEER
NO. 15005
STATE OF MISSISSIPPI
6/20/19

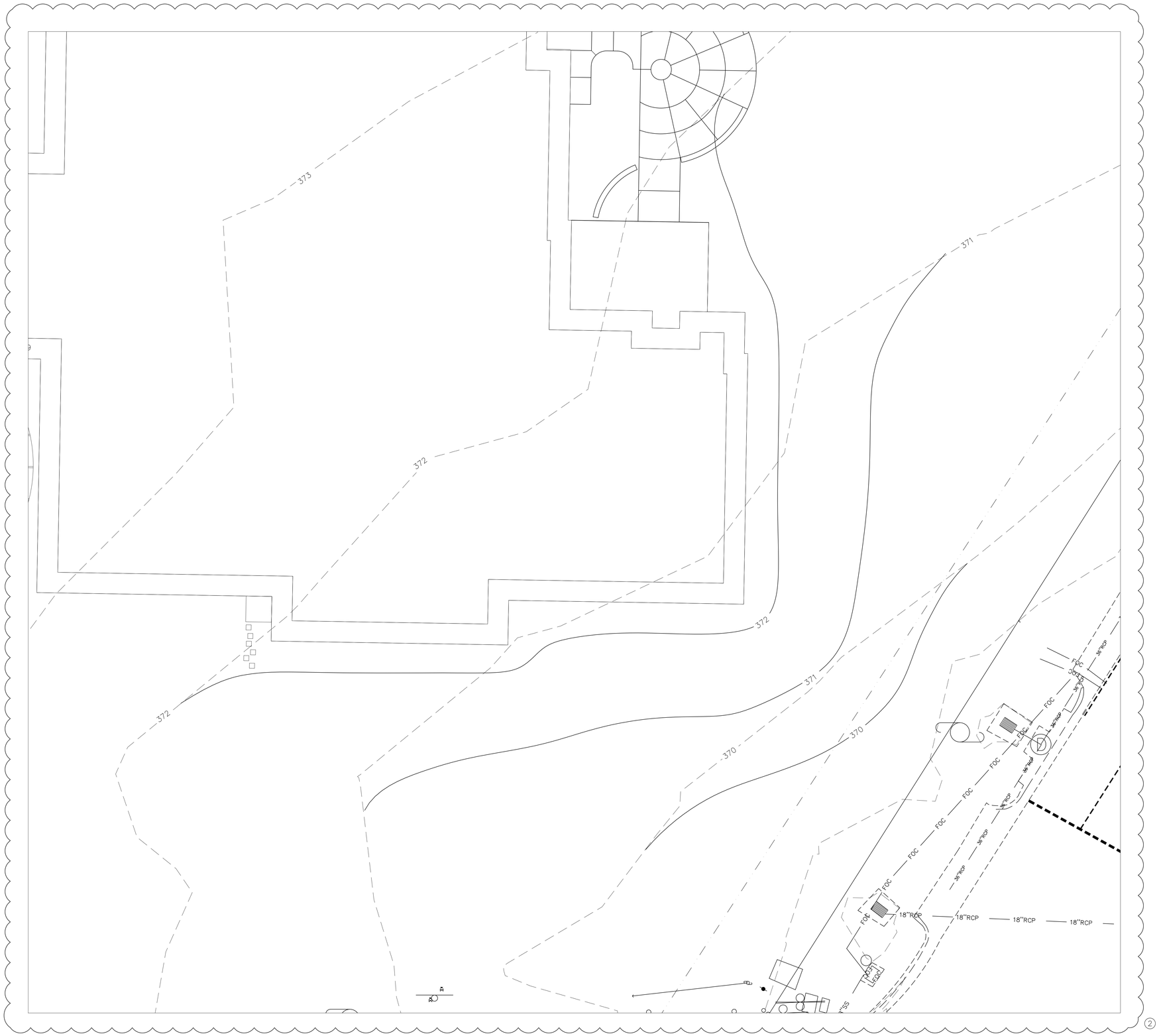
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Sheet Number :
C4.11

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Project No: 14048 Revisions: ⚠ JULY 11, 2019 (ADDENDUM 1)
Date: JUNE 20, 2019
Drawn: KS, EG, TC
Checked: BM

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P.O. Box 4685 Jackson, MS 39296 4400 Old Canton Rd. Suite 200 Highland Bluff Jackson, MS39211 (601) 939-7717
www.deandean.com



2

1

NOTES

1. REFER TO SHEET L100A FOR GRADES AT BUILDING.

GRADING DETAIL

WILLIAM L. McCRARY
No. 15400
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
6/20/19

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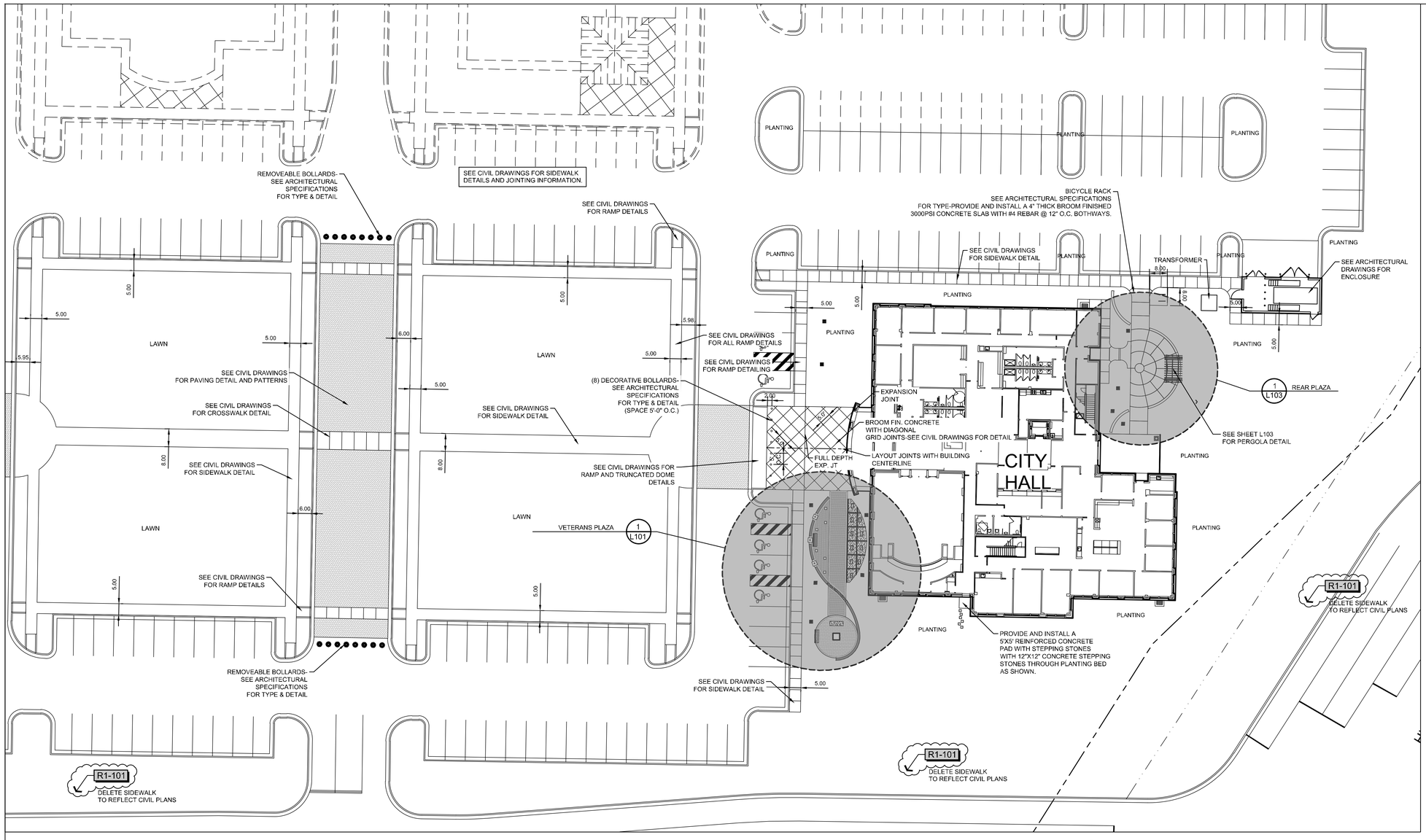
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Project No: 14048 Revisions: 1 JULY 11, 2019 (ADDENDUM 1)
Date: JUNE 20, 2019
Drawn: KS, EG, TC
Checked: BM

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number :
C4.12

RIDGELAND CITY HALL
RIDGELAND, MS
PN: 14048



1 L100 KEYPLAN

GRAPHIC SCALE 0 10 20 30 40 60 80 100

REFERENCE NOTES SCHEDULE	
	REVISIONS
CODE	DESCRIPTION
R1-101	REVISION #1-ADDENDUM #1 (JULY 11, 2019)

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P.O. Box 4685 Jackson, MS 39296 4400 Old Canton Rd, Suite 200 Highland Bluff Jackson, MS39211 (601) 939-7717

REGISTERED LANDSCAPE ARCHITECT 375 STATE OF MISSISSIPPI

Project No: 14048
Revisions: ADDENDUM #1- JULY 11, 2019
Date: JUNE 20, 2019
Drawn: TR
Checked: TR

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : L100

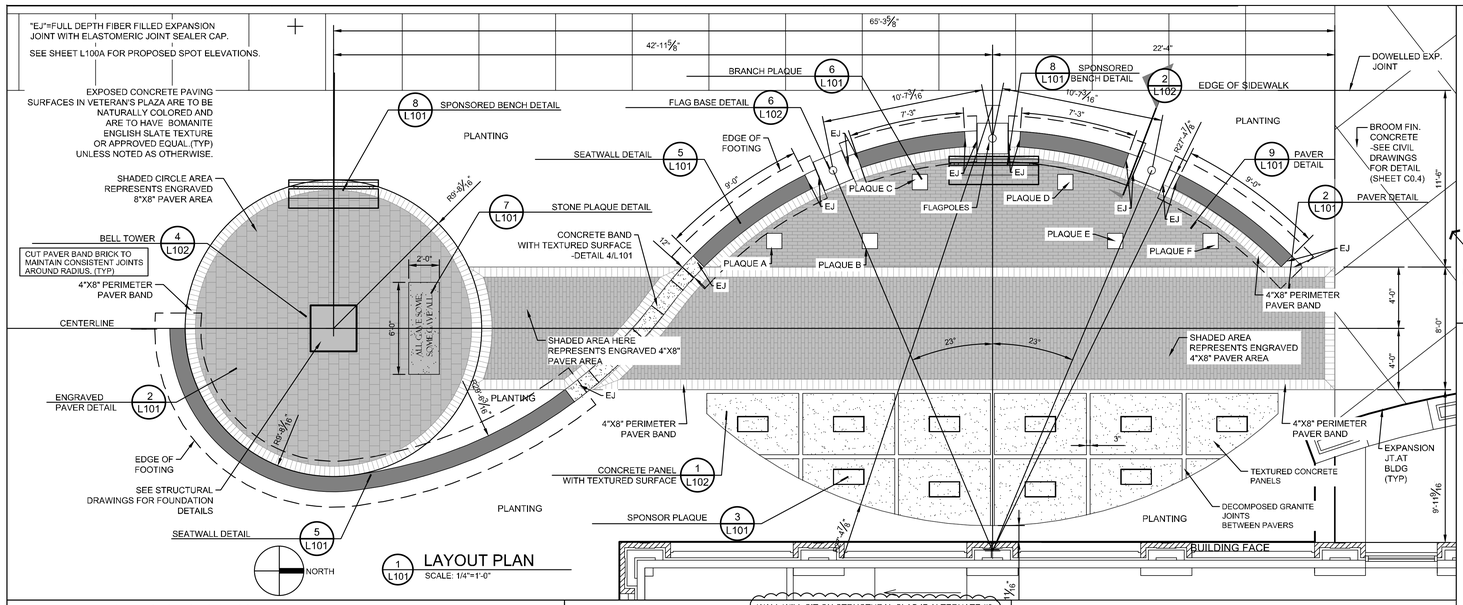
TRENT RHODES, LANDSCAPE ARCHITECT P.A.
P.O. Box 465 Brandon, Mississippi 39043
Tel: 601-992-0070

RIDGELAND CITY HALL
RIDGELAND, MS
PW 14048

"EJ"=FULL DEPTH FIBER FILLED EXPANSION JOINT WITH ELASTOMERIC JOINT SEALER CAP.

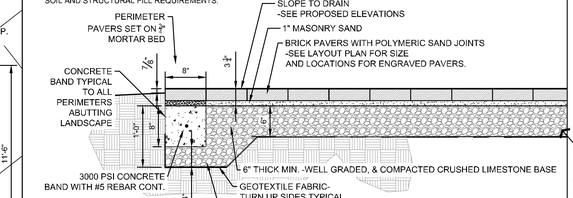
SEE SHEET L100A FOR PROPOSED SPOT ELEVATIONS.

EXPOSED CONCRETE PAVING SURFACES IN VETERAN'S PLAZA ARE TO BE NATURALLY COLORED AND ARE TO HAVE BOMANITE ENGLISH SLATE TEXTURE OR APPROVED EQUAL.(TYP) UNLESS NOTED AS OTHERWISE.



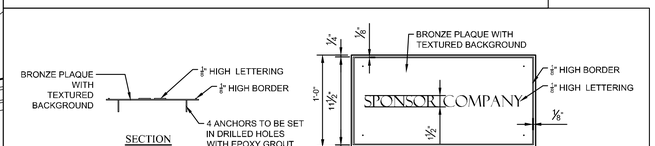
1 L101 LAYOUT PLAN
SCALE: 1/4"=1'-0"

SEE CIVIL DRAWINGS FOR CRUSHED STONE, LIME TREATED SOIL AND STRUCTURAL FILL REQUIREMENTS.



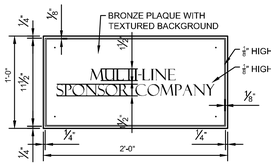
GEOTEXTILE FABRIC SHALL BE PLACED UNDER ALL PAVER AREAS (TYP) OF THE SPECIFICATION RECOMMENDED BY PAVER SUPPLIER.

2 L101 PAVER EDGE DETAIL
SCALE: 1"=1'-0" ABUTTING LANDSCAPE



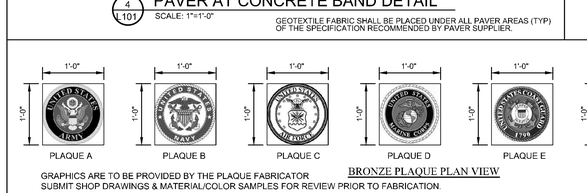
SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

3 L101 CAST BRONZE SPONSOR PLAQUE DETAIL
SCALE: 1 1/2"=1'-0"



SEE CAST PLAQUE NOTES THIS SHEET.
SPONSOR COMPANY TO BE IDENTIFIED PRIOR TO FABRICATION.
SUBMIT SHOP DRAWINGS & MATERIAL/COLOR SAMPLES FOR REVIEW PRIOR TO FABRICATION.
PLAQUE TO BE +/-1/4" THICK, NOT INCLUDING BORDER, TEXT, OR GRAPHICS.

*EVENLY SPACED JOINTS +/-24" O.C.



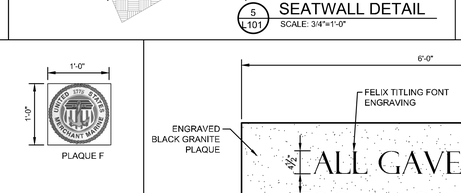
SEE CIVIL DRAWINGS FOR CRUSHED STONE, LIME TREATED SOIL AND STRUCTURAL FILL REQUIREMENTS.

4 L101 PAVER AT CONCRETE BAND DETAIL
SCALE: 1"=1'-0"

GEOTEXTILE FABRIC SHALL BE PLACED UNDER ALL PAVER AREAS (TYP) OF THE SPECIFICATION RECOMMENDED BY PAVER SUPPLIER.

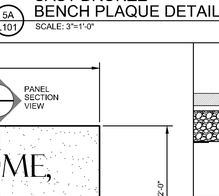
WEEPHOLES TO BE INSTALLED @24" O.C.-BOTH SIDES-JUST ABOVE ADJACENT FINISHED SURFACE.

WALL WILL SIT ON STRUCTURAL SLAB IF ALTERNATE #3 IS ACCEPTED. SEE SHEET L103 FOR TWO WALLS THAT WILL KEEP SPREAD FOOTINGS WITH BASE BID AND ALTERNATE #3.



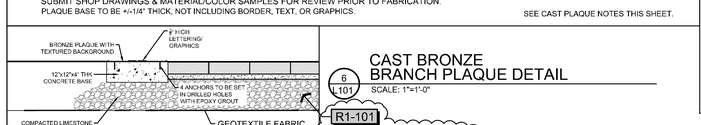
5 L101 SEATWALL DETAIL
SCALE: 3/4"=1'-0"

TYPICAL NOTE:
AS A BASIS OF DESIGN PAVERS TO BE PINEHALL BRICK 4"X8" AND 8"X8" EXTERIOR BRICK PAVER FROM OLD SOUTH BRICK OR APPROVED EQUAL-COLOR SELECTION TO BE COORDINATED WITH BUILDING FACE BRICK COLOR (SUBMIT SAMPLES FOR REVIEW AND APPROVAL-FULL RANGE OF COLORS)
SUBMIT PRODUCT INFORMATION FOR ANY ALTERNATE MATERIALS FOR REVIEW.
SEAL ALL PAVERS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
ALL FACE BRICK IS TO MATCH THAT FOUND ON BUILDING FACADE.



5A L101 CAST BRONZE BENCH PLAQUE DETAIL
SCALE: 3"=1'-0"

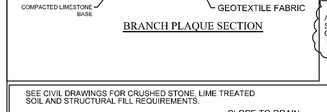
SEE CAST PLAQUE NOTES THIS SHEET.
SPONSOR COMPANY TO BE IDENTIFIED PRIOR TO FABRICATION.
SUBMIT SHOP DRAWINGS, & MATERIAL/COLOR SAMPLES FOR REVIEW PRIOR TO FABRICATION. PLAQUE TO BE ANCHORED TO BENCH.-SUBMIT METHOD OF BENCH ATTACHMENT FOR REVIEW.
PLAQUE TO BE ATTACHED TO BENCH AT TOP CENTER OF BENCH BACK.
PLAQUE TO BE +/-1/8" THICK, NOT INCLUDING BORDER, TEXT, OR GRAPHICS.



BRONZE PLAQUE PLAN VIEW

GRAPHICS ARE TO BE PROVIDED BY THE PLAQUE FABRICATOR
SUBMIT SHOP DRAWINGS & MATERIAL/COLOR SAMPLES FOR REVIEW PRIOR TO FABRICATION.
PLAQUE BASE TO BE +/-1/4" THICK, NOT INCLUDING BORDER, TEXT, OR GRAPHICS.

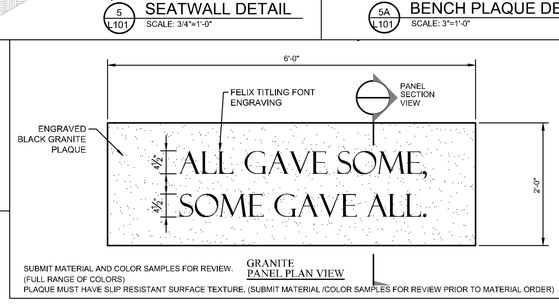
SEE CAST PLAQUE NOTES THIS SHEET.



BRANCH PLAQUE SECTION

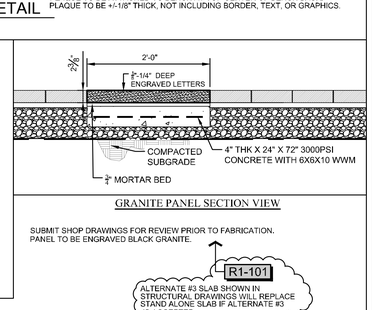
6 L101 CAST BRONZE BRANCH PLAQUE DETAIL
SCALE: 1"=1'-0"

R1-101
ALTERNATE #3 SLAB SHOWN IN STRUCTURAL DRAWINGS WILL REPLACE COMPACTED LIMESTONE IF ALTERNATE #3 IS ACCEPTED.



SUBMIT MATERIAL AND COLOR SAMPLES FOR REVIEW. (FULL RANGE OF COLORS)
PLAQUE MUST HAVE SLIP RESISTANT SURFACE TEXTURE. (SUBMIT MATERIAL /COLOR SAMPLES FOR REVIEW PRIOR TO MATERIAL ORDER)

GRANITE PANEL PLAN VIEW

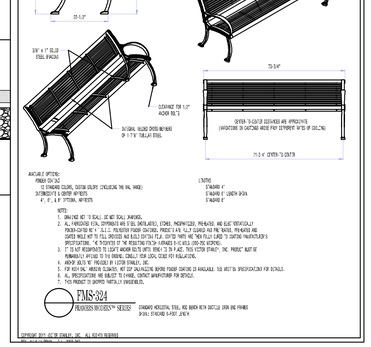


GRANITE PANEL SECTION VIEW

SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
PANEL TO BE ENGRAVED BLACK GRANITE.

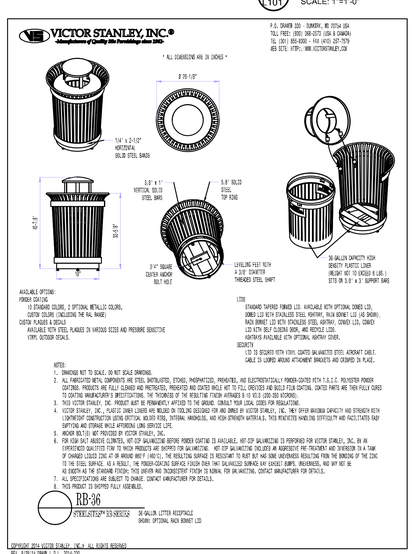
R1-101
ALTERNATE #3 SLAB SHOWN IN STRUCTURAL DRAWINGS WILL REPLACE STAND ALONE SLAB IF ALTERNATE #3 IS ACCEPTED.

7 L101 GRANITE PANEL DETAIL
SCALE: 1"=1'-0"



8 L101 6' BENCH DETAIL
BLACK IN COLOR

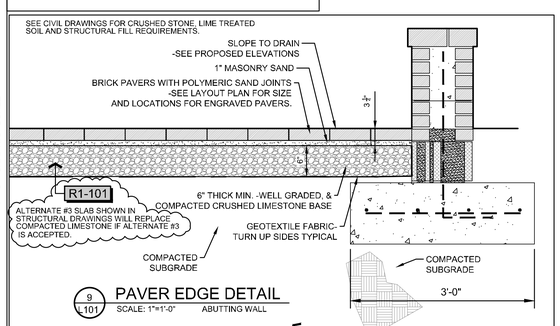
NOT TO SCALE
BENCH TO BE VICTOR STANLEY FMS-324 OR APPROVED EQUAL.
ANCHOR INTO CONCRETE SLAB ACCORDING TO SUPPLIERS RECOMMENDATIONS IF LOCATED ON CONCRETE.



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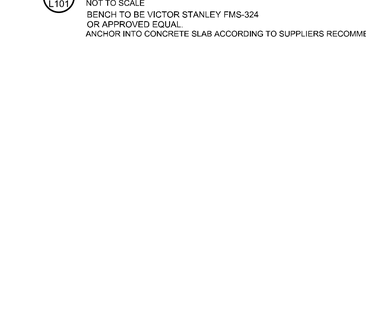
CAST PLAQUES(TYPICAL TO ALL CAST PLAQUES)
A. CAST PLAQUE: PLAQUE WITH BACKGROUND TEXTURE, BORDER, AND CHARACTERS HAVING UNIFORM FACES, SHARP CORNERS, AND PRECISELY FORMED LINES AND PROFILES; AND AS FOLLOWS:
I. PLAQUE MATERIAL: CAST BRONZE.
2. NATURAL BRONZE COLOR WITH DARK TEXTURED BACKGROUND.
3. OVERCOAT: MANUFACTURERS STANDARD BAKED-ON CLEAR COATING.
4. BACKGROUND TEXTURE: STIPPLED OR LEATHERETTE.-DARK OXIDE (SUBMIT COLOR SAMPLES FOR FINAL COLOR SELECTION)
5. INTEGRALLY CAST BORDER STYLE: SQUARE SINGLE LINE, POLISHED.
MOUNTING METHODS:
1. CONCEALED STUDS: USING A TEMPLATE, DRILL HOLES IN SUBSTRATE ALIGNING WITH STUDS ON BACK OF PLAQUE. REMOVE LOOSE DEBRIS FROM HOLE AND SUBSTRATE SURFACE.
2. MASONRY SUBSTRATES: FILL HOLES WITH ADHESIVE. LEAVE RECESS SPACE IN HOLE FOR DISPLACED ADHESIVE. PLACE PLAQUE IN POSITION AND PUSH UNTIL FLUSH TO SURFACE, EMBEDDING STUDS IN HOLES. TEMPORARILY SUPPORT PLAQUE IN POSITION UNTIL ADHESIVE FILLY SETS.
FASTENERS AND ANCHORS: MANUFACTURER'S STANDARD AS REQUIRED- FOR SECURE ANCHORAGE OF PLAQUES, NON-CORROSIVE AND COMPATIBLE WITH EACH MATERIAL JOINED.
SHOP DRAWINGS: FOR PLAQUES.
1. INCLUDE FABRICATION AND INSTALLATION DETAILS AND ATTACHMENTS TO OTHER WORK.
2. . SHOW DIMENSIONS, TYPE STYLES, GRAPHIC ELEMENTS, AND LAYOUT FOR EACH PLAQUE AT LEAST HALF SIZE.
D. SAMPLES: SUBMIT MATERIAL AND COLOR SAMPLES FOR REVIEW PRIOR TO FABRICATION.

SEE CIVIL DRAWINGS FOR CRUSHED STONE, LIME TREATED SOIL AND STRUCTURAL FILL REQUIREMENTS.



9 L101 PAVER EDGE DETAIL
SCALE: 1"=1'-0" ABUTTING WALL

R1-101
EXPANSION JOINTS WILL BE REQUIRED WHERE PAVING AND SLAB ABUTS ANY OTHER CONSTRUCTED FEATURE IF ALTERNATE #3 IS ACCEPTED. (TYP.)



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10 L101 TRASH RECPTACLE DETAIL
NOT TO SCALE SEE EAST PLAZA PLAN FOR LOCATION
BLACK IN COLOR
RECEPTACLE MAY BE VICTOR STANLEY OR APPROVED EQUAL.
SUBMIT PRODUCT INFORMATION FOR REVIEW IF ALTERNATE IS PROPOSED.
SET ON CONCRETE SIDEWALK. ANCHOR INTO CONCRETE SLAB ACCORDING TO SUPPLIERS RECOMMENDATIONS..

***SIDEWALK AND FOUNDATION DETAILS ON THIS SHEET REPRESENT THOSE IN THE BASE BID. SEE STRUCTURAL DRAWINGS FOR ALTERNATE #3 PAVING AND FOUNDATION DETAILS.**

REFERENCE NOTES SCHEDULE	
	REVISIONS
CODE	DESCRIPTION
R1-101	REVISION #1-ADDENDUM #1 (JULY 11, 2019)

Dean and Dean/Associates architects
a professional association
DEAN • GEDDIE • GRANT • OUBRE
P.O. Box 4685 Jackson, MS 39296 4400 Old Canton Rd, Suite 200 Highland Bluff Jackson, MS39211 (601) 939-7717

REGISTERED LANDSCAPE ARCHITECT
TRENT RHODES
375
STATE OF MISSISSIPPI

Project No: 14048
Revisions: ADDENDUM #1- JULY 11, 2019
Date: JUNE 20, 2019
Drawn: TR
Checked: TR

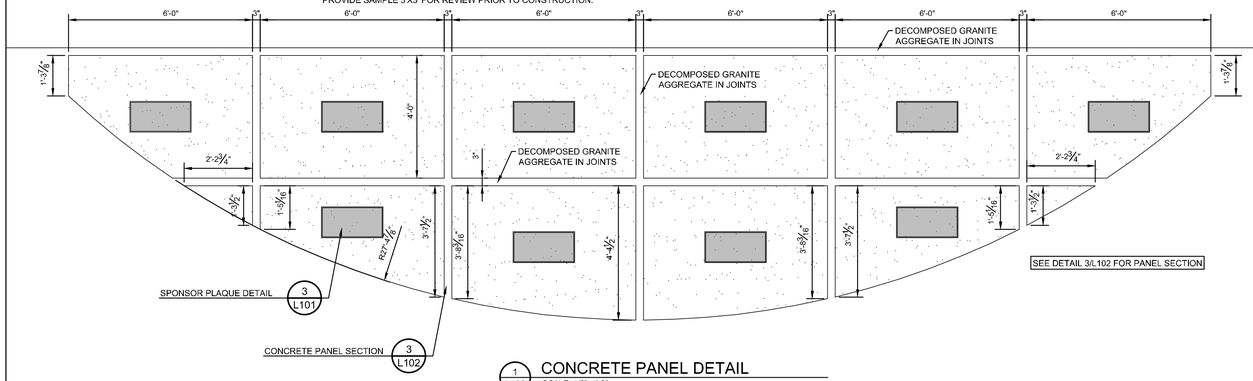
RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : L101

RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

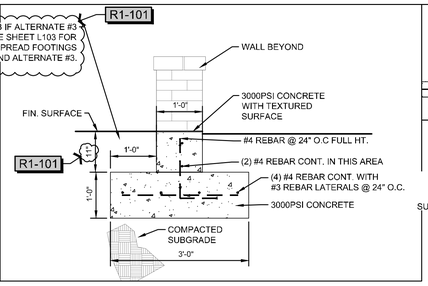
TRENT RHODES,
LANDSCAPE ARCHITECT
P.A.
P.O. Box 465 Brandon, Mississippi 39043
Tel: 601-992-0070

EXPOSED CONCRETE PAVING SURFACES ON THESE PANELS ARE TO BE NATURALLY COLORED AND ARE TO HAVE BOMANITE ENGLISH SLATE TEXTURE OR APPROVED EQUAL.(TYP)
PROVIDE SAMPLE 3'X3' FOR REVIEW PRIOR TO CONSTRUCTION.

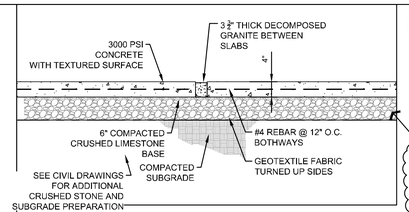


1 L102 CONCRETE PANEL DETAIL
SCALE: 1/2"=1'-0"

WALL WILL SIT ON STRUCTURAL SLAB IF ALTERNATE #3 IS ACCEPTED. SEE SHEET L103 FOR TWO WALLS THAT WILL KEEP SPREAD FOOTINGS WITH BASE BID AND ALTERNATE #3.



2 L102 CONCRETE BAND DETAIL
SCALE: 3/4"=1'-0"



3 L102 CONCRETE PANEL SECTION
SCALE: 3/4"=1'-0"

SUBMIT DECOMPOSED GRANITE SAMPLES FOR REVIEW PRIOR TO MATERIAL ORDER.

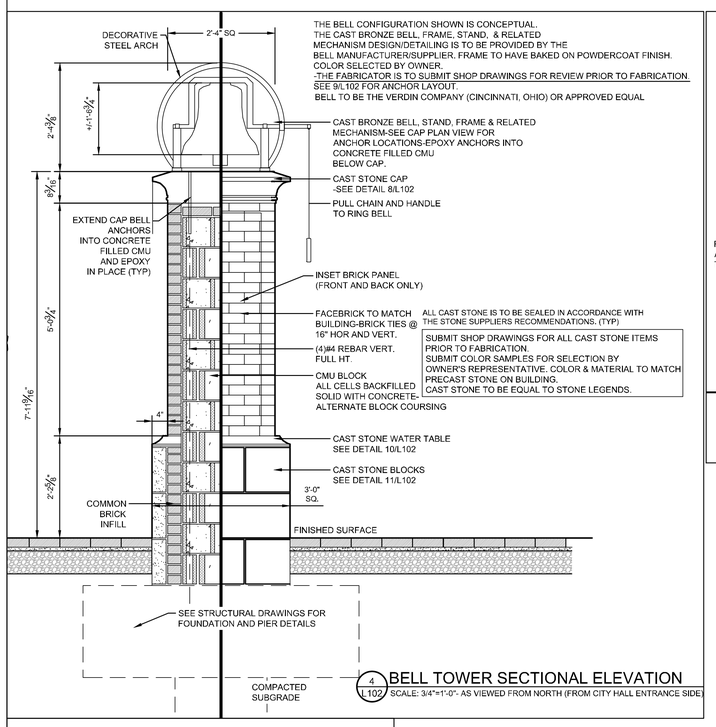
R1-101
ALTERNATE #3 SLAB SHOWN IN STRUCTURAL DRAWINGS WILL REPLACE COMPACTED LIMESTONE. INDIVIDUAL SLABS SHOWN WILL BE FORMED ON TOP OF STRUCTURAL SLAB WITH 3" WIDE SLOTS REMAINING FOR DECOMPOSED GRANITE INFILL. PROVIDE AND INSTALL A SLIP SHEET BETWEEN STRUCTURAL SLAB AND TOP SLABS.

FLAGPOLES TO BE:
-CENTER FLAGPOLE (1)- 30' TALL (6" DIA. BASE) ALUMINUM FLAGPOLE WITH SATIN FINISH
EXTERNAL HALYARD, ALUMINUM CLEAT,.W/ 6'ALUMINUM BALL. (MIN. .156" WALL THICKNESS)

-OUTWARD FLAGPOLES (2)- 25' TALL (5" DIA. BASE) ALUMINUM FLAGPOLE WITH SATIN FINISH
EXTERNAL HALYARD, ALUMINUM CLEAT,.W/ 5'ALUMINUM BALL. (MIN. .156" WALL THICKNESS)

THE FLAGPOLE SUPPLIER SHALL PROVIDE FLAGPOLE MANUFACTURER, MODEL NUMBER, CUTSHEET AND WIND LOAD DATA REVIEW FOR THIS AREA ON PROPOSED POLE MODEL TO BE USED .
FLAGS TO BE HEAVY DUTY EXTERIOR (ALL WEATHER) 5'x8' UNITED STATES FLAG(CENTER POLE), 4'x6' MISSISSIPPI STATE FLAG, AND 4'x6'
TREE CITY FLAG. TREE CITY FLAG GRAPHICS ARE TO BE PROVIDED BY THE CITY.
INSTALL ALL POLES AND ACCESSORIES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
THE FLAGPOLE INSTALLER IS TO COORDINATE THE POLE SLEEVE/FOUNDATION INSTALLATION WITH THE GENERAL CONTRACTOR. THE FOUNDATION SHALL COMPLY WITH THE FLAGPOLE SUPPLIERS RECOMMENDATIONS AND REQUIREMENTS FOR THE MODEL PROPOSED. POLE FOUNDATION DESIGN IS TO BE PROVIDED BY THE FLAGPOLE INSTALLER.

A COMPLETE FLAG SOURCE-1-877-905-3524 OR APPROVED EQUAL.



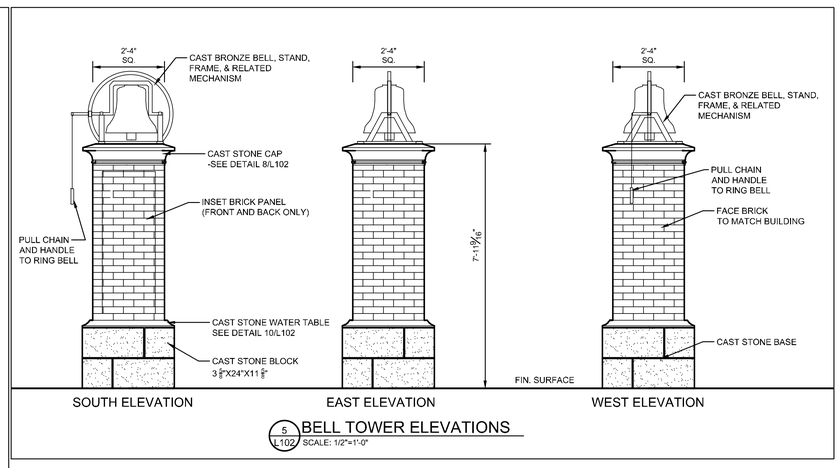
THE BELL CONFIGURATION SHOWN IS CONCEPTUAL.
THE CAST BRONZE BELL, FRAME, STAND, & RELATED MECHANISM DESIGN/DETAILING IS TO BE PROVIDED BY THE BELL MANUFACTURER/SUPPLIER. FRAME TO HAVE BAKED ON POWDERCOAT FINISH. COLOR SELECTED BY OWNER.
-THE FABRICATOR IS TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
SEE 9/L102 FOR ANCHOR LAYOUT.
BELL TO BE THE VERDIN COMPANY (CINCINNATI, OHIO) OR APPROVED EQUAL

- CAST BRONZE BELL, STAND, FRAME & RELATED MECHANISM-SEE CAP PLAN VIEW FOR ANCHOR LOCATIONS-EPOXY ANCHORS INTO CONCRETE FILLED CMU BELOW CAP.
- CAST STONE CAP -SEE DETAIL 8/L102
- PULL CHAIN AND HANDLE TO RING BELL
- INSET BRICK PANEL (FRONT AND BACK ONLY)
- FACEBRICK TO MATCH BUILDING-BRICK TIES @ 16" HOR AND VERT.
- (4)#4 REBAR VERT. FULL HT.
- CMU BLOCK ALL CELLS BACKFILLED SOLID WITH CONCRETE-ALTERNATE BLOCK COURSING
- CAST STONE WATER TABLE SEE DETAIL 10/L102
- CAST STONE BLOCKS SEE DETAIL 11/L102

ALL CAST STONE IS TO BE SEALED IN ACCORDANCE WITH THE STONE SUPPLIERS RECOMMENDATIONS. (TYP)

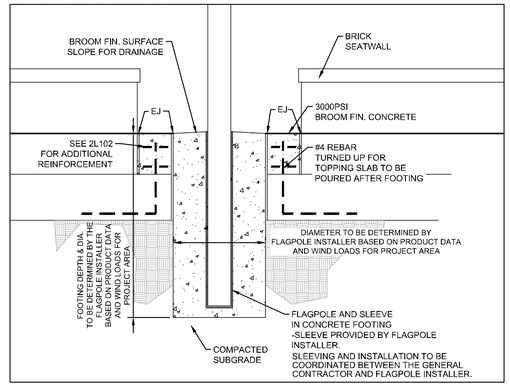
SUBMIT SHOP DRAWINGS FOR ALL CAST STONE ITEMS PRIOR TO FABRICATION.
SUBMIT COLOR SAMPLES FOR SELECTION BY OWNER'S REPRESENTATIVE. COLOR & MATERIAL TO MATCH PRECAST STONE ON BUILDING.
CAST STONE TO BE EQUAL TO STONE LEGENDS.

4 L102 BELL TOWER SECTIONAL ELEVATION
SCALE: 3/4"=1'-0"- AS VIEWED FROM NORTH (FROM CITY HALL ENTRANCE SIDE)

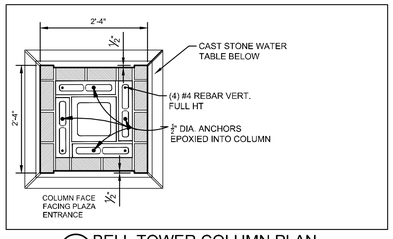


5 L102 BELL TOWER ELEVATIONS
SCALE: 1/2"=1'-0"

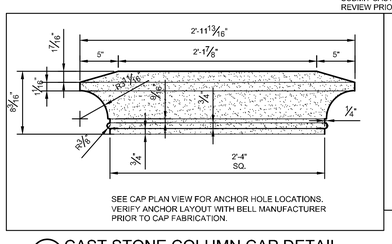
"EJ"-FULL DEPTH FIBER FILLED EXPANSION JOINT WITH ELASTOMERIC JOINT SEALER CAP.



6 L102 FLAGPOLE BASE DETAIL
SCALE: 3/4"=1'-0"



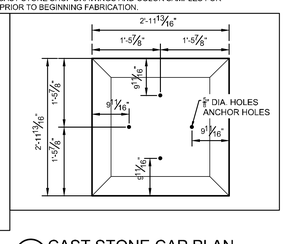
7 L102 BELL TOWER COLUMN PLAN
SCALE: 3/4"=1'-0"



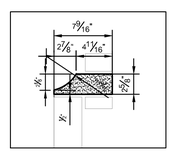
SEE CAP PLAN VIEW FOR ANCHOR HOLE LOCATIONS. VERIFY ANCHOR LAYOUT WITH BELL MANUFACTURER PRIOR TO CAP FABRICATION.

8 L102 CAST STONE COLUMN CAP DETAIL
SCALE: 1 1/2"=1'-0"

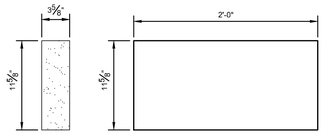
SUBMIT CAST STONE SHOP DRAWINGS AND COLOR SAMPLES FOR REVIEW PRIOR TO BEGINNING FABRICATION.



9 L102 CAST STONE CAP PLAN
SCALE: 3/4"=1'-0"

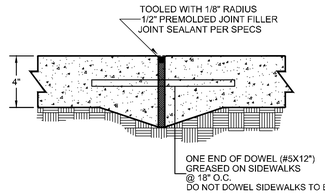


10 L102 CAST STONE WATER TABLE DETAIL
SCALE: 1 1/2"=1'-0"

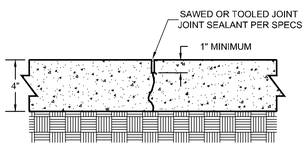


11 L102 CAST STONE BASE BLOCK DETAIL
SCALE: 1 1/2"=1'-0"

THESE DETAILS ARE TYPICAL TO ALL EXTERIOR CONCRETE. EXPANSION JOINTS SHALL BE INSTALLED WHERE A NEW CONCRETE POUR ABUTS, EXISTING CONCRETE, BUILDING, CURB, WALL OR ANY EXISTING CONSTRUCTION.



12 L102 EXPANSION JOINT DETAIL
NOT TO SCALE



13 L102 CONTRACTION JOINT DETAIL
NOT TO SCALE

SPECIFIC SUPPLIERS OR MANUFACTURER'S NOTED IN THESE DRAWINGS ARE SHOWN ONLY TO INDICATE A BASIS OF DESIGN. SUBMIT PRODUCT DESIGN FOR REVIEW FOR ALTERNATE MANUFACTURERS' PRIOR TO MATERIAL ORDER.

REFERENCE NOTES SCHEDULE	
	REVISIONS
CODE	DESCRIPTION
R1-101	REVISION #1-ADDENDUM #1 (JULY 11, 2019)

***SIDEWALK AND FOUNDATION DETAILS ON THIS SHEET REPRESENT THOSE IN THE BASE BID. SEE STRUCTURAL DRAWINGS FOR ALTERNATE #3 PAVING AND FOUNDATION DETAILS.**

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STATE OF MISSISSIPPI

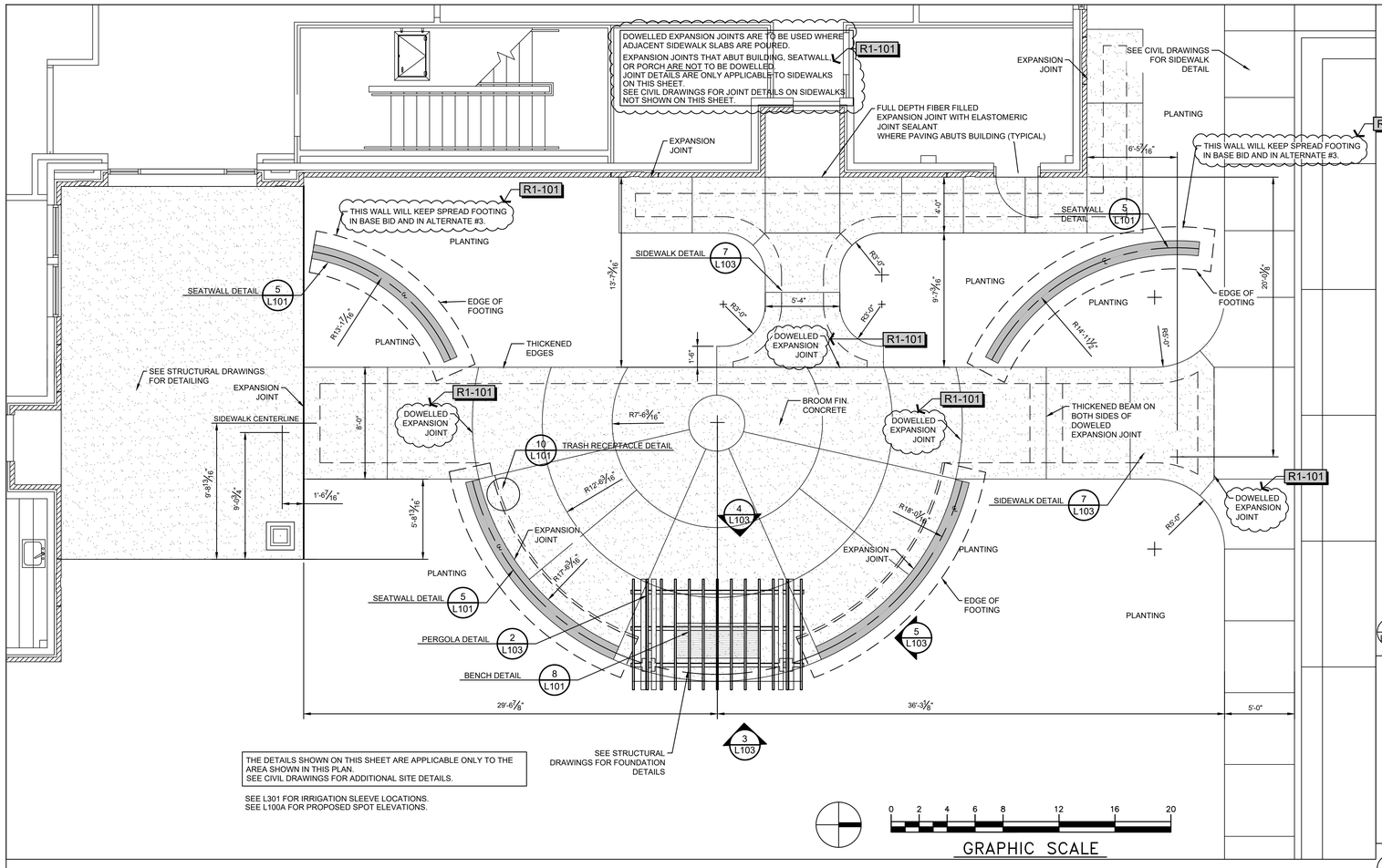
Project No: 14048 Revisions: ADDENDUM #1- JULY 11, 2019
Date: JUNE 20, 2019
Drawn: TR
Checked: TR

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

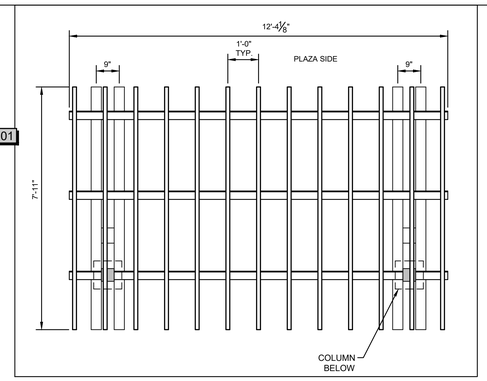
Sheet Number : L102

RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

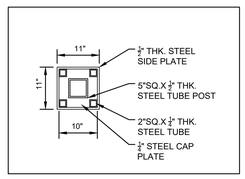
1" =1'-0" GRAPHIC SCALE



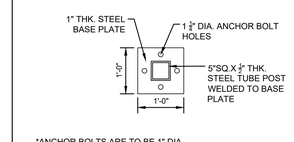
1 L103 REAR PLAZA KEYPLAN
SCALE: 1/4"=1'-0"



2 L103 PERGOLA-PLAN VIEW
SCALE: 1/2"=1'-0"

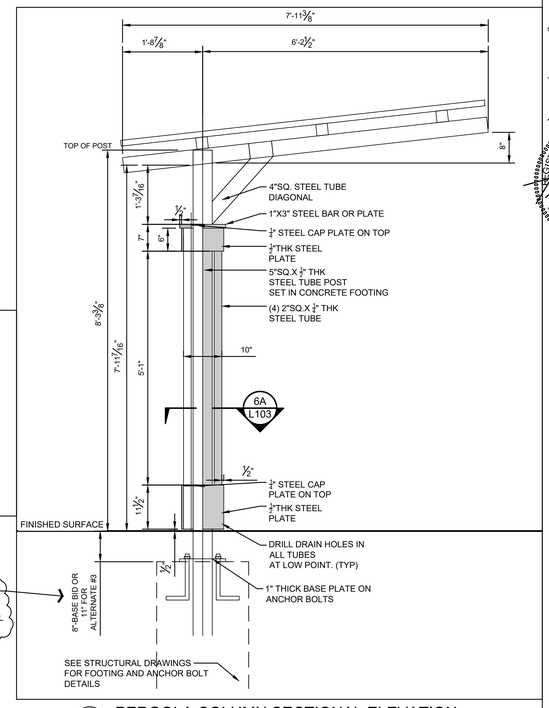


6A L103 PERGOLA COLUMN PLAN VIEW
SCALE: 3/4"=1'-0"

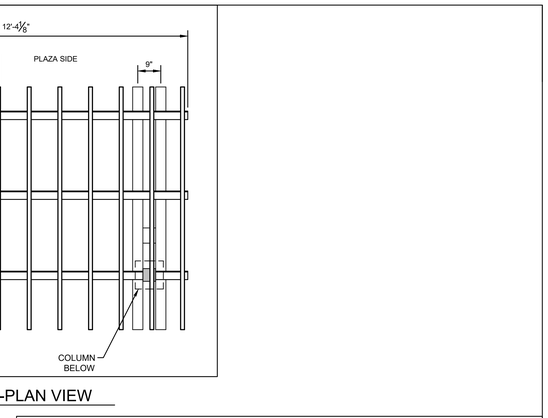


*ANCHOR BOLTS ARE TO BE 1" DIA. AND CAST INTO FOOTING-SEE STRUCTURAL DRAWINGS.

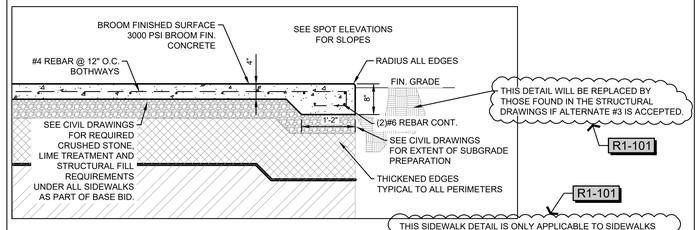
6B L103 PERGOLA ANCHOR BOLT PLATE DETAIL
SCALE: 1 1/2"=1'-0"



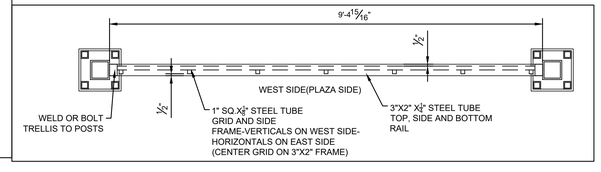
5 L103 PERGOLA-SIDE ELEVATION
SCALE: 1/2"=1'-0"



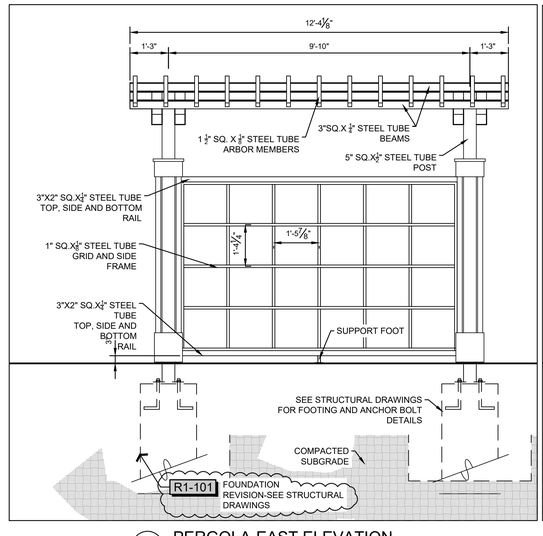
6 L103 PERGOLA COLUMN SECTIONAL ELEVATION
SCALE: 3/4"=1'-0"



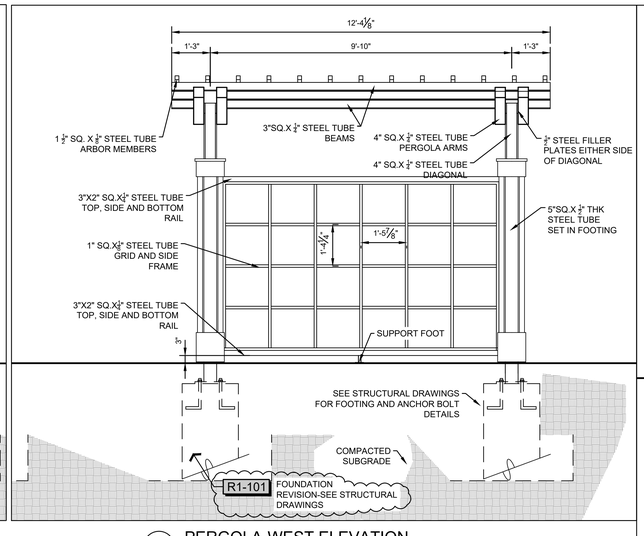
7 L103 SIDEWALK DETAIL
SCALE: 3/4"=1'-0"



8 L103 TRELLIS PANEL PLAN VIEW
SCALE: 3/4"=1'-0"



3 L103 PERGOLA-EAST ELEVATION
SCALE: 1/2"=1'-0"



4 L103 PERGOLA-WEST ELEVATION
SCALE: 1/2"=1'-0"
SIDE FACING BUILDING

TYPICAL METAL NOTES:
ALL ADJOINING METAL SURFACES SHALL BE CONTINUOUSLY BEAD WELDED AND GROUND SMOOTH PRIOR TO PRIMER APPLICATION. PRIMER SHALL BE ZINC RICH PRIMER AND FINAL FINISH IS TO BE BAKED ON POWDERCOAT FINISH.
ALL TUBE ENDS ARE TO BE CAPPED WITH WELDED 1/8" THICK STEEL PLATE.
DRAIN HOLES ARE TO BE DRILLED AT THE LOW POINT OF ALL TUBES FOR DRAINAGE.
FINISH COLOR TO MATCH BUILDING WINDOW FRAMES.
THE FABRICATOR SHALL SUBMIT PERGOLA SHOP DRAWINGS FOR REVIEW PRIOR TO BEGINNING FABRICATION.

IF ALTERNATE #3 IS SELECTED, THE TOP OF SLAB SURFACE SHALL BE JOINTED AND BROOM FINISHED AS SHOWN ON THIS DRAWING.
R1-101

SEE CIVIL DRAWINGS FOR SUBGRADE PREPARATION SPECIFICS.

REFERENCE NOTES SCHEDULE	
	REVISIONS
CODE	DESCRIPTION
R1-101	REVISION #1-ADDENDUM #1 (JULY 11, 2019)

***SIDEWALK AND FOUNDATION DETAILS ON THIS SHEET REPRESENT THOSE IN THE BASE BID. SEE STRUCTURAL DRAWINGS FOR ALTERNATE #3 PAVING AND FOUNDATION DETAILS.**

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REGISTERED LANDSCAPE ARCHITECT DAVID T. RHODES 375 STATE OF MISSISSIPPI

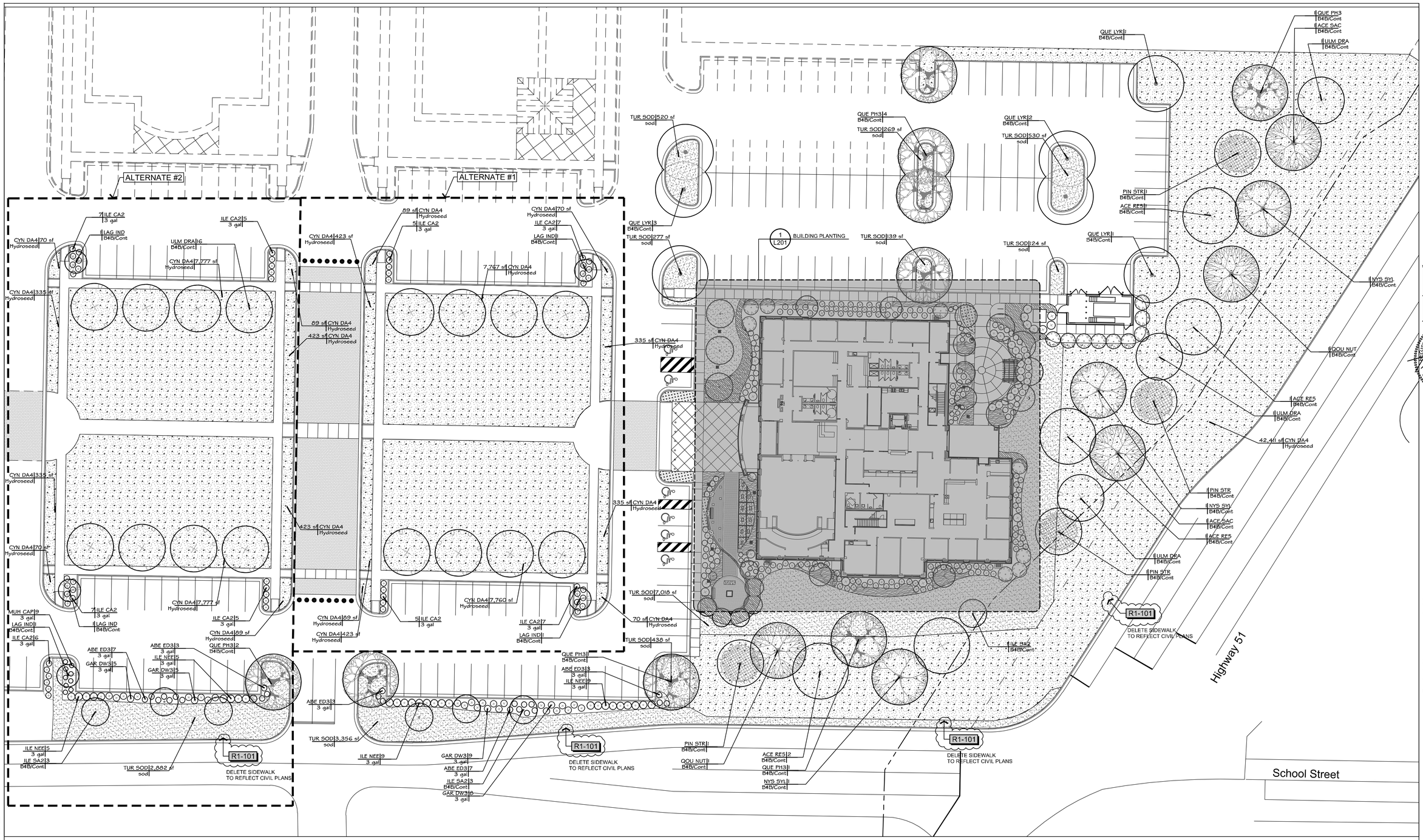
Project No: 14048
Date: JUNE 20, 2019
Drawn: TR
Checked: TR
Revisions: ADDENDUM #1- JULY 11, 2019

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : L103

RIDGELAND CITY HALL
RIDGELAND, MS
PIN 14048

1" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/16" = 1'-0" GRAPHIC SCALE
1/16" = 1'-0" GRAPHIC SCALE



PLANT SCHEDULE

TREES	COMMON / BOTANICAL NAME
ACE RE5	Red Maple / Acer rubrum
ACE SAC	Silver Maple / Acer saccharinum
ILE SA6	Foster`s #2 Holly / Ilex x attenuata `Fosteri #2`
ILE SA2	Savannah Holly / Ilex x attenuata `Savannah`
LAG IND	Natchez White Crape Myrtle / Lagerstroemia indica `Natchez White`
NYS SYL	Black Gum / Nyssa sylvatica
PIN STR	Virginia Pine / Pinus virginiana
QUE LYR	Overcup Oak / Quercus lyrata
QOU NUT	Nuttall Oak / Quercus nuttallii
QUE PH3	Willow Oak / Quercus phellos
ULM DRA	Drake Elm / Ulmus parvifolia `Drake`

SHRUBS	COMMON / BOTANICAL NAME
ABE ED3	Rose Creek Abelia / Abelia x grandiflora `Rose Creek`
GAR DW3	Frostproof Gardenia / Gardenia jasminoides `Frostproof`
ILE CA2	Carissa Holly / Ilex cornuta `Carissa`
ILE NEE	Needlepoint Holly / Ilex cornuta `Needlepoint`
ILE MAG	Oakland Red Holly / Ilex x `Magland`
JUN AN3	Andorra Juniper / Juniperus horizontalis `plumosa`
MUH CAP	Pink Muhly / Muhlenbergia capillaris
POD MA2	Japenese Yew / Podocarpus macrophyllus

VINE/ESPALIER	COMMON / BOTANICAL NAME
TRA JA3	Confederate Jasmine / Trachelospermum jasminoides
GROUND COVERS	COMMON / BOTANICAL NAME
ANN A29	Annual Color
CYN DA4	Bermuda Grass-Hydroseed / Cynodon dactylon
TUR SOD	Tifway 419 Bermuda / Cynodon dactylon `Tifway 419`
LIR MU4	Bigblue Liriope / Liriope muscari `Bigblue`

REFERENCE NOTES SCHEDULE

CODE	REVISIONS DESCRIPTION
R1-101	REVISION #1-ADDENDUM #1 (JULY 11, 2019)

0 10 20 30 40 60 80 100

GRAPHIC SCALE

1 L200 OVERALL SITE PLANTING PLAN

3/32" =1'-0" GRAPHIC SCALE
3/16" =1'-0" GRAPHIC SCALE
1/8" =1'-0" GRAPHIC SCALE
3/16" =1'-0" GRAPHIC SCALE
1/8" =1'-0" GRAPHIC SCALE
3/16" =1'-0" GRAPHIC SCALE
1/16" =1'-0" GRAPHIC SCALE

RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

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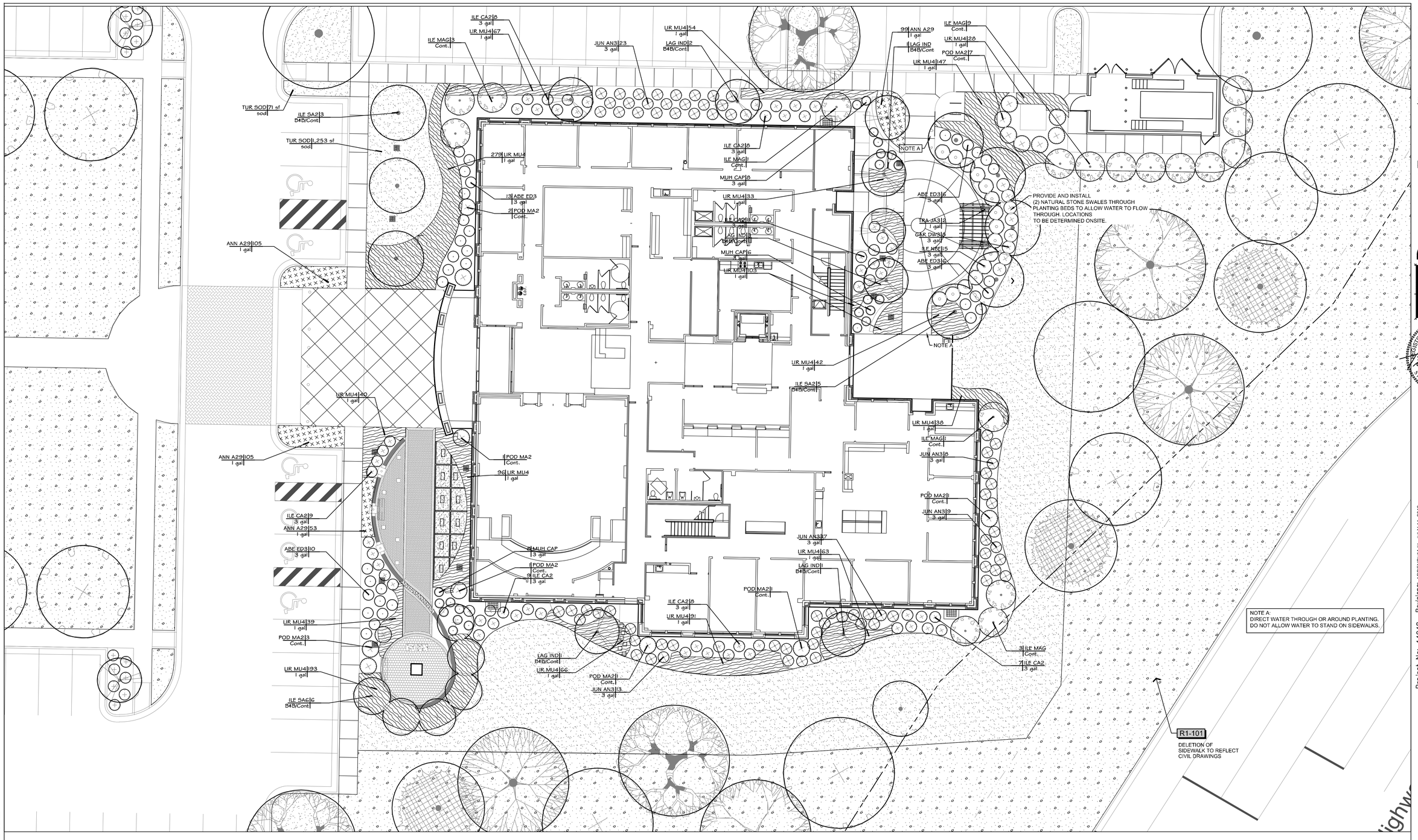
STEPHEN LANDSCAPE ARCHITECT
375
STATE OF MISSISSIPPI

Project No: 14048 Revisions: ADDENDUM #1- JULY 11, 2019
Date: JUNE 20, 2019
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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : L200

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3/32" =1'-0" GRAPHIC SCALE
3/16" =1'-0" GRAPHIC SCALE
1/8" =1'-0" GRAPHIC SCALE
3/16" =1'-0" GRAPHIC SCALE
1/8" =1'-0" GRAPHIC SCALE
1/16" =1'-0" GRAPHIC SCALE

PLANT SCHEDULE

TREES	COMMON / BOTANICAL NAME
ACE RE5	Red Maple / Acer rubrum
ACE SAC	Silver Maple / Acer saccharinum
ILE SA6	Foster`s #2 Holly / Ilex x attenuata `Fosteri #2`
ILE SA2	Savannah Holly / Ilex x attenuata `Savannah`
LAG IND	Natchez White Crape Myrtle / Lagerstroemia indica `Natchez White`
NYS SYL	Black Gum / Nyssa sylvatica
PIN STR	Virginia Pine / Pinus virginiana
QUE LYR	Overcup Oak / Quercus lyrata
QOU NUT	Nuttall Oak / Quercus nuttallii
QUE PH3	Willow Oak / Quercus phellos
ULM DRA	Drake Elm / Ulmus parvifolia `Drake`

SHRUBS	COMMON / BOTANICAL NAME
ABE ED3	Rose Creek Abelia / Abelia x grandiflora `Rose Creek`
GAR DW3	Frostproof Gardenia / Gardenia jasminoides `Frostproof`
ILE CA2	Carissa Holly / Ilex cornuta `Carissa`
ILE NEE	Needlepoint Holly / Ilex cornuta `Needlepoint`
ILE MAG	Oakland Red Holly / Ilex x `Magland`
JUN AN3	Andorra Juniper / Juniperus horizontalis `plumosa`
MUH CAP	Pink Muhly / Muhlenbergia capillaris
POD MA2	Japenese Yew / Podocarpus macrophyllus

VINE/ESPALIER	COMMON / BOTANICAL NAME
TRA JA3	Confederate Jasmine / Trachelospermum jasminoides

GROUND COVERS	COMMON / BOTANICAL NAME
ANN A29	Annual Color
CYN DA4	Bermuda Grass-Hydroseed / Cynodon dactylon
TUR SOD	Tifway 419 Bermuda / Cynodon dactylon `Tifway 419`
LIR MU4	Bigblue Liriope / Liriope muscari `Bigblue`

1/L201 BUILDING PLANTING PLAN

*THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING & THE DISPOSAL OF +/-4" OF SOIL IN THE PLANTING BED AREAS AROUND THE BUILDING PERIMETER PRIOR TO IMPORTING PLANTING SOIL MIX TO INSURE THAT FINAL PLANTING SOIL GRADE IS AT THE ELEVATIONS SHOWN ON THIS DRAWING.-SEE SHEET L100A FOR MORE INFORMATION.

SEE SHEET L100A FOR PROPOSED FINISHED PLANTING SOIL ELEVATIONS NEAR BUILDING.

*GRADING OF PLANTING AND TURF AREAS AROUND THE BUILDING PERIMETER IS TO FACILITATE RAPID REMOVAL OF SURFACE WATER AWAY FROM THE BUILDING AND TO DRAINAGE PROVISIONS AND NOT ALLOW WATER TO STAND, POND OR MOVE SLOWLY AWAY FROM BUILDING RESULTING IN PERCOLATION INTO THE SUBGRADE.

0 5 10 15 20 30 40 50
GRAPHIC SCALE

REFERENCE NOTES SCHEDULE

CODE	REVISIONS
R1-101	REVISION #1-ADDENDUM #1 (JULY 11, 2019)

RIDGELAND CITY HALL
RIDGELAND, MS
PH# 14048

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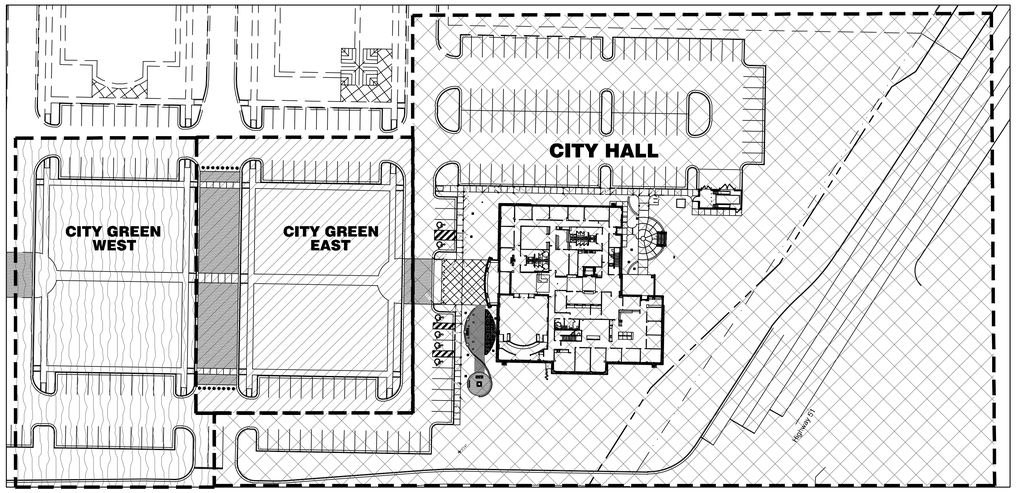
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REGISTERED LANDSCAPE ARCHITECT
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STATE OF MISSISSIPPI

Project No: 14048 Revisions: ADDENDUM #1- JULY 11, 2019
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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : L201



1 L202 AREA BREAKDOWN PLAN
NOT TO SCALE

R1-101
SOD AND HYDROSEED QUANTITY ADDITION TO REFLECT SCHOOL STREET AND HWY 51 SIDEWALK REMOVAL.

PLANT SCHEDULE CITY HALL

TREES	COMMON / BOTANICAL NAME	SIZE	MIN. CALIPER	MIN. HT		QTY	DETAIL	REMARKS
ACE RE5	Red Maple / Acer rubrum	B&B/Cont	2"Cal	10`-12`		5		Street Tree Specimen, Straight Trunk, Full Canopy, Healthy well formed tree.
ACE SAC	Silver Maple / Acer saccharinum	B&B/Cont	2"Cal	10`-12`		2		Full healthy well formed tree. Strong central leader. Specimen quality.
ILE SA6	Foster`s #2 Holly / Ilex x attenuata `Fosteri #2`	B&B/Cont		8`-10`		6		Full healthy well formed plant, straight trunk, tree form, uniform growth habit,
ILE SA2	Savannah Holly / Ilex x attenuata `Savannah`	B&B/Cont		10`-12`		12		Treeform,Full healthy well formed plant, straight trunk, street tree specimen.
LAG IND	Natchez White Crape Myrtle / Lagerstroemia indica `Natchez White`	B&B/Cont		10`-12`		8		Multi trunk, tree form, min 3-5 trunks,Min. 1" cal. on each- Min canopy spread-5`
NYS SYL	Black Gum / Nyssa sylvatica	B&B/Cont	2"Cal	10`-12`		3		Straight trunk, street tree specimen, full canopy.
PIN STR	Virginia Pine / Pinus virginiana	B&B/Cont		8`-10`		4		Full healthy well formed plant. Strong central leader. Specimen quality.
QUE LYR	Overcup Oak / Quercus lyrata	B&B/Cont	2"Cal	10`-12`		7		Street Tree Specimen, Straight Trunk, Full Canopy, Uniform in size and shape.
QOU NUT	Nuttall Oak / Quercus nuttallii	B&B/Cont	2"Cal	10`-12`		2		Street Tree Specimen, Straight Trunk, Full Canopy. Healthy well formed tree.
QUE PH3	Willow Oak / Quercus phellos	B&B/Cont	2"Cal	10`-12`		8		Street Tree Specimen, Straight Trunk, Full Canopy. Healthy well formed tree.
ULM DRA	Drake Elm / Ulmus parvifolia `Drake`	B&B/Cont	2"Cal	10`-12`		3		Street Tree Specimen, Straight Trunk, Full Canopy. Healthy well formed tree.
SHRUBS	COMMON / BOTANICAL NAME	SIZE	CONTAINER			QTY	DETAIL	REMARKS
ABE ED3	Rose Creek Abelia / Abelia x grandiflora `Rose Creek`	3 gal				48		Full healthy, well formed plant.
GAR DW3	Frostproof Gardenia / Gardenia jasminoides `Frostproof`	3 gal				25		Full healthy well formed plant.
ILE CA2	Carissa Holly / Ilex cornuta `Carissa`	3 gal				60		Full healthy, well formed plant.
ILE NEE	Needlepoint Holly / Ilex cornuta `Needlepoint`	3 gal				33		Full healthy well formed plant.
ILE MAG	Oakland Red Holly / Ilex x `Magland`	Cont.				17		Full healthy well formed plant, conical growth habit, uniform in size and shape, 3`-4` tall min.
JUN AN3	Andorra Juniper / Juniperus horizontalis `plumosa`	3 gal				70		Full healthy well formed plant.
MUH CAP	Pink Muhly / Muhlenbergia capillaris	3 gal				22		Full healthy well formed plant
POD MA2	Japenese Yew / Podocarpus macrophyllus	Cont.				17		5`-6` tall min. Full healthy well formed plant, columnar growth habit, full to ground. All plants to be uniform in size and shape.
VINE/ESPALIER	COMMON / BOTANICAL NAME	SIZE	CONTAINER			QTY	DETAIL	REMARKS
TRA JA3	Confederate Jasmine / Trachelospermum jasminoides	1 gal				2		Full helathy well formed plant. Min. 3 runners-Min. 10" long each. Train vines with fishing string to grow to trellis.
GROUND COVERS	COMMON / BOTANICAL NAME	SIZE	CONTAINER		SPACING	QTY	DETAIL	REMARKS
ANN A29	Annual Color	1 gal			12" o.c.	362		Full healthy, Well formed plant, specific variety to be chosen at the time of planting.
CYN DA4	Bermuda Grass-Hydroseed / Cynodon dactylon	Hydroseed				42,411 sf		Hydroseed-Apply at suppliers recommended rate for new construction.
TUR SOD	Tifway 419 Bermuda / Cynodon dactylon `Tifway 419`	sod				13,995 sf		Healthy disease free sod with a min 1" soil base beneath. Solid Sod.
LIR MU4	Bigblue Liriope / Liriope muscari `Bigblue`	1 gal			16" o.c.	1,379		Full healthy well formed plant.

PLANT SCHEDULE CITY GREEN EAST (ALTERNATE 1)

TREES	COMMON / BOTANICAL NAME	SIZE	MIN. CALIPER	MIN. HT		QTY	DETAIL	REMARKS
LAG IND	Natchez White Crape Myrtle / Lagerstroemia indica `Natchez White`	B&B/Cont		10`-12`		2		Multi trunk, tree form, min 3-5 trunks,Min. 1" cal. on each- Min canopy spread-5`
ULM DRA	Drake Elm / Ulmus parvifolia `Drake`	B&B/Cont	2"Cal	10`-12`		8		Street Tree Specimen, Straight Trunk, Full Canopy. Healthy well formed tree.
SHRUBS	COMMON / BOTANICAL NAME	SIZE	CONTAINER			QTY	DETAIL	REMARKS
ILE CA2	Carissa Holly / Ilex cornuta `Carissa`	3 gal				24		Full healthy, well formed plant.
GROUND COVERS	COMMON / BOTANICAL NAME	SIZE	CONTAINER		SPACING	QTY	DETAIL	REMARKS
CYN DA4	Bermuda Grass-Hydroseed / Cynodon dactylon	Hydroseed				17,362 sf		Hydroseed-Apply at suppliers recommended rate for new construction.

PLANT SCHEDULE CITY GREEN WEST (ALTERNATE 2)

TREES	COMMON / BOTANICAL NAME	SIZE	MIN. CALIPER	MIN. HT		QTY	DETAIL	REMARKS
ILE SA2	Savannah Holly / Ilex x attenuata `Savannah`	B&B/Cont		10`-12`		3		Treeform,Full healthy well formed plant, straight trunk, street tree specimen.
LAG IND	Natchez White Crape Myrtle / Lagerstroemia indica `Natchez White`	B&B/Cont		10`-12`		3		Multi trunk, tree form, min 3-5 trunks,Min. 1" cal. on each- Min canopy spread-5`
QUE PH3	Willow Oak / Quercus phellos	B&B/Cont	2"Cal	10`-12`		1		Street Tree Specimen, Straight Trunk, Full Canopy, Healthy well formed tree.
ULM DRA	Drake Elm / Ulmus parvifolia `Drake`	B&B/Cont	2"Cal	10`-12`		8		Street Tree Specimen, Straight Trunk, Full Canopy. Healthy well formed tree.
SHRUBS	COMMON / BOTANICAL NAME	SIZE	CONTAINER			QTY	DETAIL	REMARKS
ABE ED3	Rose Creek Abelia / Abelia x grandiflora `Rose Creek`	3 gal				10		Full healthy, well formed plant.
GAR DW3	Frostproof Gardenia / Gardenia jasminoides `Frostproof`	3 gal				10		Full healthy well formed plant.
ILE CA2	Carissa Holly / Ilex cornuta `Carissa`	3 gal				30		Full healthy, well formed plant.
ILE NEE	Needlepoint Holly / Ilex cornuta `Needlepoint`	3 gal				10		Full healthy well formed plant.
MUH CAP	Pink Muhly / Muhlenbergia capillaris	3 gal				9		Full healthy well formed plant
GROUND COVERS	COMMON / BOTANICAL NAME	SIZE	CONTAINER		SPACING	QTY	DETAIL	REMARKS
CYN DA4	Bermuda Grass-Hydroseed / Cynodon dactylon	Hydroseed				17,389 sf		Hydroseed-Apply at suppliers recommended rate for new construction.
TUR SOD	Tifway 419 Bermuda / Cynodon dactylon `Tifway 419`	sod				2,882 sf		Healthy disease free sod with a min 1" soil base beneath. Solid Sod.

R1-101
SOD AND HYDROSEED QUANTITY ADDITION TO REFLECT SCHOOL STREET AND HWY 51 SIDEWALK REMOVAL.

***SEE SHEET L200 FOR ALTERNATE 1 & 2 AREA DELINEATION.**

REFERENCE NOTES SCHEDULE

	REVISIONS
CODE	DESCRIPTION
R1-101	REVISION #1-ADDENDUM #1 (JULY 11, 2019)

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REGISTERED LANDSCAPE ARCHITECT DAVID T. RHODES 375 STATE OF MISSISSIPPI

Project No: 14048
Revisions: ADDENDUM #1- JULY 11, 2019
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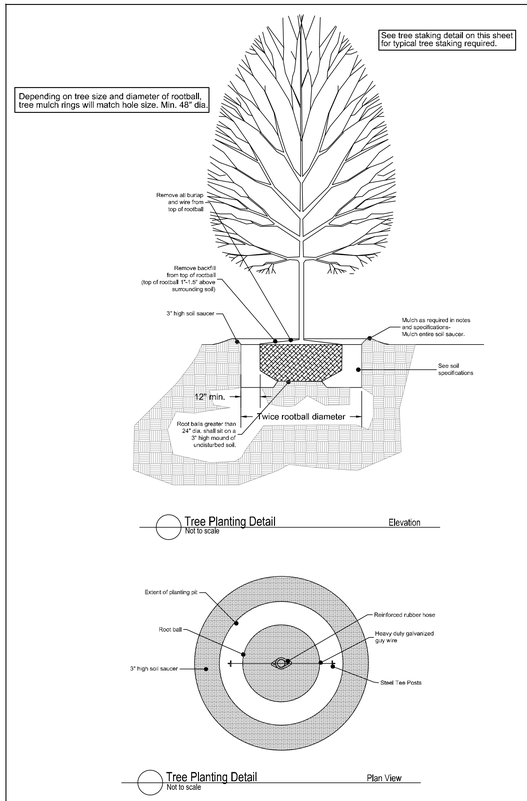
RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

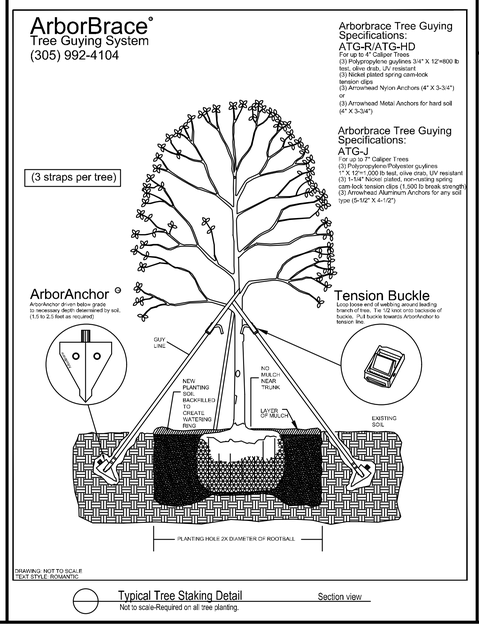
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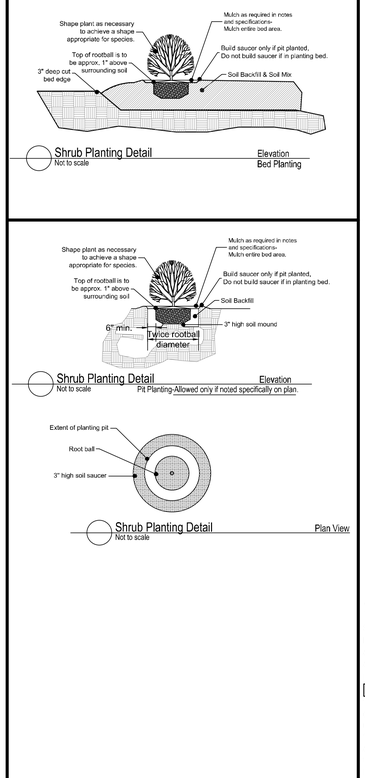
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RIDGELAND CITY HALL
RIDGELAND, MS
PIN 14048

3" =1'-0" GRAPHIC SCALE
1 1/2" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
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MATERIALS
A. Plant Materials
(1) All plant materials delivered to the site must conform to the specifications of Federal, State and County laws, requiring inspection for plant diseases and insect infestations. Plants must comply to American Nursery Stock Standards.
(2) Plants delivered to the site shall be adequately protected from the sun and wind during delivery and when stockpiled on the site prior to planting. They shall be watered adequately. Containers shall be free of weeds.
(3) The Owner's Representative shall be notified in writing one week prior to planting to inspect all or major portions of the plant materials to be used in the project.
(4) The Owner's Representative shall have the right to reject plants prior to and during progress of work for size, conditions of top structure, condition of root structure, defects or injuries, or nonconformity to Specifications.
B. Fertilizer
(1) Plants shall be fertilized at planting with timed release fertilizer.

FINE GRADING AND SOIL PREPARATION
(1). Spread and till in topsoil as needed to bring planting beds to required grade.
(2). Planting beds are to be mounded 8" min above existing grade after settlement to ensure a good planting medium and enhance drainage. Maintain drainage patterns and drainage swales. Always maintain drainage away from buildings or structures.
(3). Soil mix to be a sandy well drained organic mix free from debris, stones, and seeds.
(4). Soil shall be free of extraneous matter and weeds and shall consist of (3) parts topsoil ,one (1) part organic matter (peat and soil conditioner) and one (1) part sand by volume. See item #2 of this section for depth requirement.
(5). All sand for plant beds and plant pits shall be clean, sharp masonry sand free from deleterious matter.
(6). Pre-emerge herbicide: For planting soil in planting beds and shrub and tree pits shall be incorporated prior to installation of plant material. Contractor shall use Surflan, unless otherwise approved by Landscape Architect. Treat all bed areas except annual and perennial areas with Surflan pre-emergent herbicide according to the manufacturer's recommendations. Deliver in sealed manufacturer's container and apply according to manufacturer's recommendations. Submit product data to Architect for approval of any changes prior to application.
(7). Root Stimulator: Shall be applied to all plant material at time of installation. Submit product data to Architect for approval prior to application.
(8). Fertilizer: For flowering species, apply 14-26-6 per label instructions upon initiation of vegetative growth in spring. For non-flowering species, apply 20-6-112 per label instructions at new growth in spring and again in July. Winterize in late-August with 5-10-31 fertilizer at 4 lbs per 1,000 square feet.
(9). Seed areas should be tilled and fine graded. A generous application of wheat straw shall be applied after seed broadcast on all seed areas.. Seed and straw shall be crimped on slopes greater than 3:1.

PLANTING AND MULCHING
(A). Planting shall take place only after all soil preparation has taken place and has been approved by Landscape Architect.
(B). Installation of container stock-
(1) Planting holes or pits should be approximately twice the volume of the plant and soil in container or root ball. They should be angular with roughened sides and loose soil on the bottom.
(2) Prune any damaged, broken or dead roots so that ends are clean before planting. Prune back top growth as need to balance size of plant related to root mass.
(3) Large stock should be set on a layer of several inches of topsoil with loosened soil beneath, stock from "Containers" and flats shall be set in planting bed areas that have soil mix incorporated to a minimum depth of 10". Plants are to be placed so that the root crown will not be below the soil surface or greatly elevated when filling is completed. Top of shrub root ball should be approx. 1"-1.5" above surrounding soil.
and top of tree root ball should be approximately 1.5"-2" above surrounding soil.
(4) A 3" high soil saucer should be prepared around the planting hole to retain water and is to be removed after 1 year.
Tamp soil occasionally while backfilling with soil which is well broken up and well mixed.
(5) Tamp lightly around the outside of backfill, holding plant at correct level, then tamp closer to plant. Water thoroughly. Large specimens will require watering midway through the backfill process as well as when backfill is completed.
(6) Water the entire planted area before leaving the worksite and at the close of each planting day.
(7) Trees and shrubs taller than four feet may require staking. If required, drive stakes securely into ground, outside of root area. Stakes should extend to just below the lower limbs of the tree. Wire run through rubber hose is placed around the tree, then wrapped around the stake and secured firmly. Tree should be able to move a few inches, but wire should be secure and not touch the tree directly. Stakes must be removed after one year.
8) Burlap on balled and burlap plant material shall be cut from the top of the root ball or turned down into the planting pit, leaving not burlap visible.
Any containing material left in the planting bed shall be biodegradable.
All shrub and groundcover planting shall be in uniformly tilled beds to a depth of 12" below grade with existing soil and sandy soil mix. Beds should be mounded a minimum of 6" above existing grade.

Seed & straw (wheat straw) all disturbed or bare areas not already noted as being treated differently.

Mulch as noted in plant list.

At no time should the planting beds adjacent to any structure be higher than the finished floor of that structure.

Always maintain positive water flow away from structures.

Finished planting beds and mulch adjacent to structures shall always be below the finished floor elevation.

Apply soil mix to all planting bed areas at a minimum rate of 1.22 cubic yard per 100 square feet and till with existing soil. (4" Thick Minimum)

The landscape contractor shall provide a full one year warranty on all plant material and labor beginning on date of final acceptance.
Once notified during the warranty period of plant material that need to be replaced, the landscape contractor shall replace that material within 14 calendar days of notification.

*All sod shall be soaked and rolled with water filled roller after laying to ensure smooth surface and good ground contact.
All seed areas shall have significant germination within 21 days. If significant germination is not evident, then the area shall be reseeded at no additional cost to the owner until significant germination is achieved..
Planting Soil at the perimeter of any building should be a minimum of 5" below finished floor elevation.See spot elevation plan for specific elevations.

Planting beds adjacent to buildings shall be sloped away from the building to allow rapid removal of surface water and shall not allow water to stand, pond or move slowly, resulting in perculation into the subgrade.
Irrigation water should be limited to only that water that is required for plant survival. Any excess water application shall be avoided.
All seed/sod areas are to receive a min. 3" thick layer of well drained organic topsoil prior to applying seed or sod.
All topsoil shall be debris, root, and trash free. The topsoil and its placement shall be a requirement as part of this contract.
All plant material and labor shall be covered by a full one year warranty.
Caliper and height requirements are minimums. All plant material shall be required to meet both height and caliper requirements.

It shall be the contractor's responsibility to determine if planting areas may hold water in the bottom of planting pits. A 6" deep layer of washed gravel shall be included in the contractor's pricing. Notify Landscape Architect of any soils that are not percolating prior to planting.
The project general contractor is to backfill behind curbs with well drained topsoil prior to the landscape contractor incorporating bed preparation. All areas behind curbs shall be mounded to drain water over the top of adjacent curb. (typ)
***All plant material must meet both minimum height and caliper requirements.

The landscape contractor shall be responsible for setting the irrigation controller after installation to deliver the appropriate amount of water for the plant material onsite.

Plant material noted as Cont. shall be container grown and of the size specified.(See below for time of planting material noted as Cont/B&B)
B&B material shall be used if planting occurs between October and April
Container material shall be used if planting occurs between May through September.

A 48" minimum diameter x 4" thick pinestraw mulch ring shall be provided and installed around all tree plantings.
All planting areas shall receive a 4" thick layer of fresh pinestraw mulch. All mulch shall be fresh,naturally colored, free of trash,sticks and debris.
Sod and seed quantities are only approximate. The contractor shall verify the exact sod area onsite prior to submitting pricing.

All seed areas are to receive a generous layer of wheat straw suitable to hold seed in place.(Typ)

NO PLANTING, PLANTING SOIL, OR MULCH SHALL IMPEDE WATER FLOW AWAY FROM BUILDING AND TOWARD DRAINAGE STRUCTURES.

TREES PLANTED IN LAWN AREAS WITH MULCH RING ARE TO HAVE A MULCH RING OF 42"MIN.-52"MAX. DIA. AROUND BASE OF TREE.

No planting, soil, mulch or other landscape features are to block water from flowing away from the building and to drainage provisions.

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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : L203

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RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

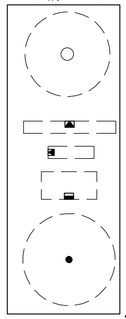
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1/2" =1'-0" GRAPHIC SCALE
3/8" =1'-0" GRAPHIC SCALE
1/4" =1'-0" GRAPHIC SCALE
1/8" =1'-0" GRAPHIC SCALE

IRRIGATION INSTALLATION
GENERAL NOTES:

1. *Irrigation Contractor shall review all plans and specifications for accuracy,*
2. *Irrigation Contractor shall verify the location of all underground utilities (gas, sewer, water) prior to proceeding with any digging operation required to implement these landscape plans.*
3. *Irrigation contractor shall coordinate all scheduling of work with electrical and landscape contractor.*
4. *Irrigation contractor shall flag all head locations for approval by landscape architect prior to proceeding with installation.*
5. *Irrigation contractor shall submit full examples of all items to be used in the project prior to installation for verification of correct items.*
6. *Contractor shall refer to plans and legend list on plans for quantities and specifications.*
7. *Irrigation Contractor shall be responsible for zoning, design and the sizing and quantities of piping and wiring for proper function of system.*
8. *Contractor is to submit 2- accurate "As Built" sets of drawings when the installation is complete. (Noting the location and sizes of all mainlines, lateral lines, meter, valves, and heads. A laminated color coded zone chart shall be placed inside the controller box along with another copy being provided to the owner prior to project completion.*
9. *Contractor shall verify meter size, adequate capacity, and pressure to operate the system properly prior to beginning construction. The contractor is to notify the Landscape Architect of any anticipated problems in capacity or pressure.*
10. *The irrigation contractor shall coordinate with general contractor to determine electricity source location.*
11. *The irrigation contractor is responsible for providing and installing proper backflow prevention measures complying with governing body requirements.*
12. *General contractor shall coordinate with irrigation contractor to note sleeving locations at time of burial.*
13. *Controller is to be Rainbird ESP-LXME series (Or approved equal) with a minimum of 2 spare zones after installation is complete.(with rain sensor)-coordinate with general contractor to determine location. Controller to be located in weatherproof lockable enclosure.*
14. *The irrigation contractor is expected to verify all conditions onsite before construction.*
15. *Head placement may be subject to adjustment in the field by L.A. to insure proper coverage. This irrigation plan is schematic only.*
16. *Irrigation heads in bed areas are to have a 12" pop-up riser while heads in turf areas shall have a 6" pop-up riser.*
17. *Backflow preventer to have insulated fiberglass dark green cover & screened with plant material.. Placement of the backflow preventer shall be carefully considered and coordinated with the landscape architect.*
18. *Care should be taken when trenching near existing trees to avoid damage to tree roots. Keep trenching out of tree driplines whenever possible.*
19. *Bed, turf, trees and annual areas are to be zoned separately from each other. Zones are to group similar plant material with similar sun exposure and slope.*

IRRIGATION LEGEND

The contractor is to supply all materials and labor necessary for the proper function of the irrigation system.



ITEMS NOTED AS RAINBIRD MAY BE RAINBIRD OR APPROVED EQUAL.
SUBMIT ALTERNATE PRODUCT DATA FOR REVIEW.

111	Rainbird 5000 Series Rotor head
49	Rainbird 1800 Series sidestrip spray head
43	Rainbird 1800 Series endstrip spray head
46	Rainbird 1800 Series 9x18 spray head
154	Rainbird 1800 Series sprayhead

R1-101

IRRIGATION QTY REVISION TO REFLECT SCHOOL STREET AND HWY 51 SIDEWALK REMOVAL & MINIMIZE CONFLICT WITH FUTURE CONSTRUCTION.

*THE IRRIGATION CONTROLLER SHALL BE SET TO WATER ONLY ENOUGH FOR PLANT MATERIAL SURVIVAL AND NOT TO ALLOW EXCESS WATER TO POND OR PERCOLATE INTO THE SUBGRADE. OVER SATURATION OF SOIL SHALL AND MUST BE AVOIDED.

***SEE SHEET L301 FOR ALTERNATE 1 & 2 AREAS.**
THE IRRIGATION CONTRACTOR SHALL SUBMIT THEIR ZONING AND PIPING PLAN FOR REVIEW PRIOR TO BEGINNING WORK.

THE IRRIGATION CONTRACTOR SHALL SUBMIT THEIR IRRIGATION ZONING AND PIPING PLAN FOR REVIEW PRIOR TO COMMENCING WORK.

ALL LANDSCAPE AREAS SHOWN AS BEING IRRIGATED MUST BE IRRIGATED.
TURF AND BED AREAS MUST BE ON SEPARATE ZONES UNLESS SPECIFICALLY SHOWN AS OTHERWISE. HEAD COVERAGE SHALL BE AS SHOWN UNLESS ALTERNATE CONFIGURATION INCREASES SYSTEM PERFORMANCE-NOTIFY LANDSCAPE ARCHITECT PRIOR FOR APPROVAL
SEE IRRIGATION PLAN FOR AREAS AROUND BUILDING PERIMETER THAT NEED TO BE SEPARATED FROM ALL OTHER ZONES.

SLEEVING LEGEND

- - - - - - -	Notes the location of (1) 4" & (1) 2" SCH 40PVC irrigation sleeves Sleeves shall be buried 24" below grade. Each end of the sleeve shall be marked with tee posts and the ends capped.

Field adjustments made to planting due to onsite conditions may affect head locations. Coordinate w/ Landscape Architect before installation if adjustments are required.
If other equipment than that specified is used, the contractor shall submit flow and pressure loss calculations to L.A. for review.
Sch 40 PVC sleeves to be provided where laterals or mainline cross processed walks, drives or other obstruction.
The size shall be a minimum of 2 times the pipe size.
The irrigation contractor is expected to verify all conditions onsite before construction.
This irrigation plan is schematic only.

REFERENCE NOTES SCHEDULE

	REVISIONS
CODE	DESCRIPTION
R1-101	REVISION #1-ADDENDUM #1 (JULY 11, 2019)

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REGISTERED LANDSCAPE ARCHITECT
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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : L300

RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

1" =1'-0" GRAPHIC SCALE
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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

L301

Sheet Number :

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SEE 2/L301 FOR THE CONTINUATION OF THIS AREA

THE IRRIGATION CONTRACTOR IS TO COORDINATE WITH THE LANDSCAPE ARCHITECT AND CITY STAFF ONSITE BEFORE INSTALLATION BEGINS TO DETERMINE IF ADJUSTMENTS NEED TO BE MADE TO MAXIMIZE COVERAGE AND CONFLICTS WITH FUTURE CONSTRUCTION.

R1-101

IRRIGATION REVISION TO REFLECT SCHOOL STREET AND HWY 51 SIDEWALK REMOVAL & MINIMIZE CONFLICT WITH FUTURE CONSTRUCTION

ADJUST HEAD PATTERN AND THROW TO MINIMIZE COVERAGE. SEE LANDSCAPE ARCHITECT FOR HEAD PLACEMENTS CLOSEST TO STREET. THEY HAVE BEEN PLACED WITH A FUTURE SIDEWALK IN MIND.

SEE SHEET L300 FOR IRRIGATION SLEEVING LEGEND.

Highway 51

School Street

PROPOSED IRRIGATION SLEEVE LOCATION

ALL PLANTING BED AND TURF ZONES ARE TO BE DESIGNED BY PLANT MATERIAL TYPE, SUN EXPOSURE, SOIL CHARACTERISTICS AND SLOPE. (TYP)

PROPOSED IRRIGATION CONTROLLER LOCATION FOR IRRIGATION CONTROLLER -SEE ELECTRICAL DRAWINGS FOR SLEEVE PROVISIONS TO THIS LOCATION

ANY IRRIGATION HEADS SPRAYING WATER WITHIN 25' OF THE PERIMETER OF THE BUILDING ARE NOT TO BE PLACED ON ZONES THAT HAVE HEADS OUT SIDE OF THAT AREA TO ALLOW MAXIMUM FLEXIBILITY IN WATERING ONLY ENOUGH FOR PLANT MATERIAL SURVIVAL AND NOT ENOUGH TO PERCOLATE INTO THE SUBGRADE. (TYP.)

PROPOSED LOCATION OF 2" IRRIGATION WATER METER WITH DOUBLE CHECK VALVE ON CUSTOMER SIDE OF METER. (VERIFY EXACT LOCATION WITH CIVIL DRAWINGS)

PROPOSED SLEEVES UNDER ANY BASE BOARDS ARE TO BE INSTALLED IN BASE BID EVEN IF ALTERNATES ARE NOT ACCEPTED (TYP)

ALTERNATE #1

ALTERNATE #2

ALTERNATE #2

ALTERNATE #2

REFERENCE NOTES SCHEDULE

CODE	REVISIONS DESCRIPTION
R1-101	REVISION #1 ADDENDUM #1 (JULY 11, 2019)

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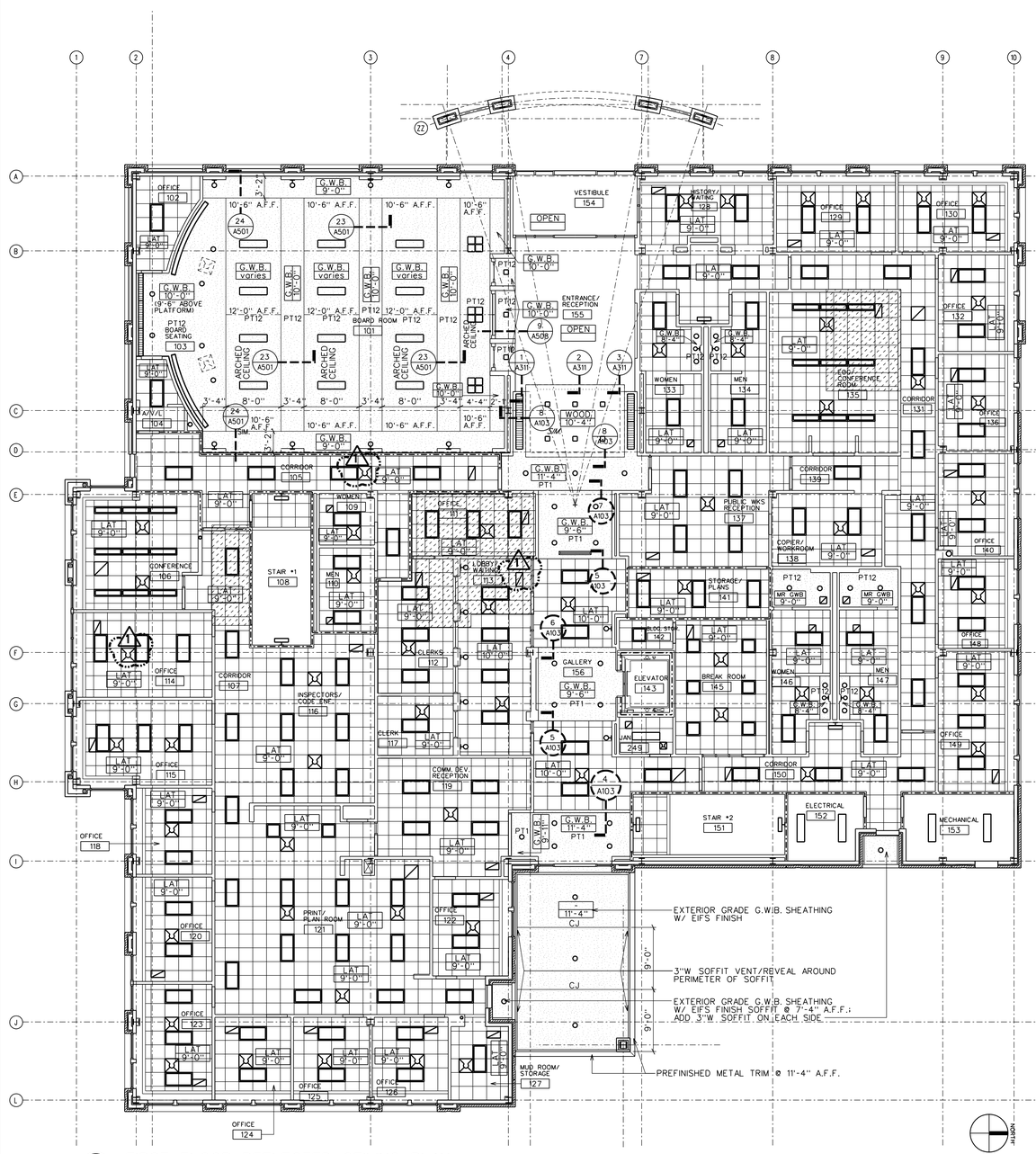
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1 L301 IRRIGATION PLAN

2 L301 IRRIGATION PLAN-NORTHEAST CORNER

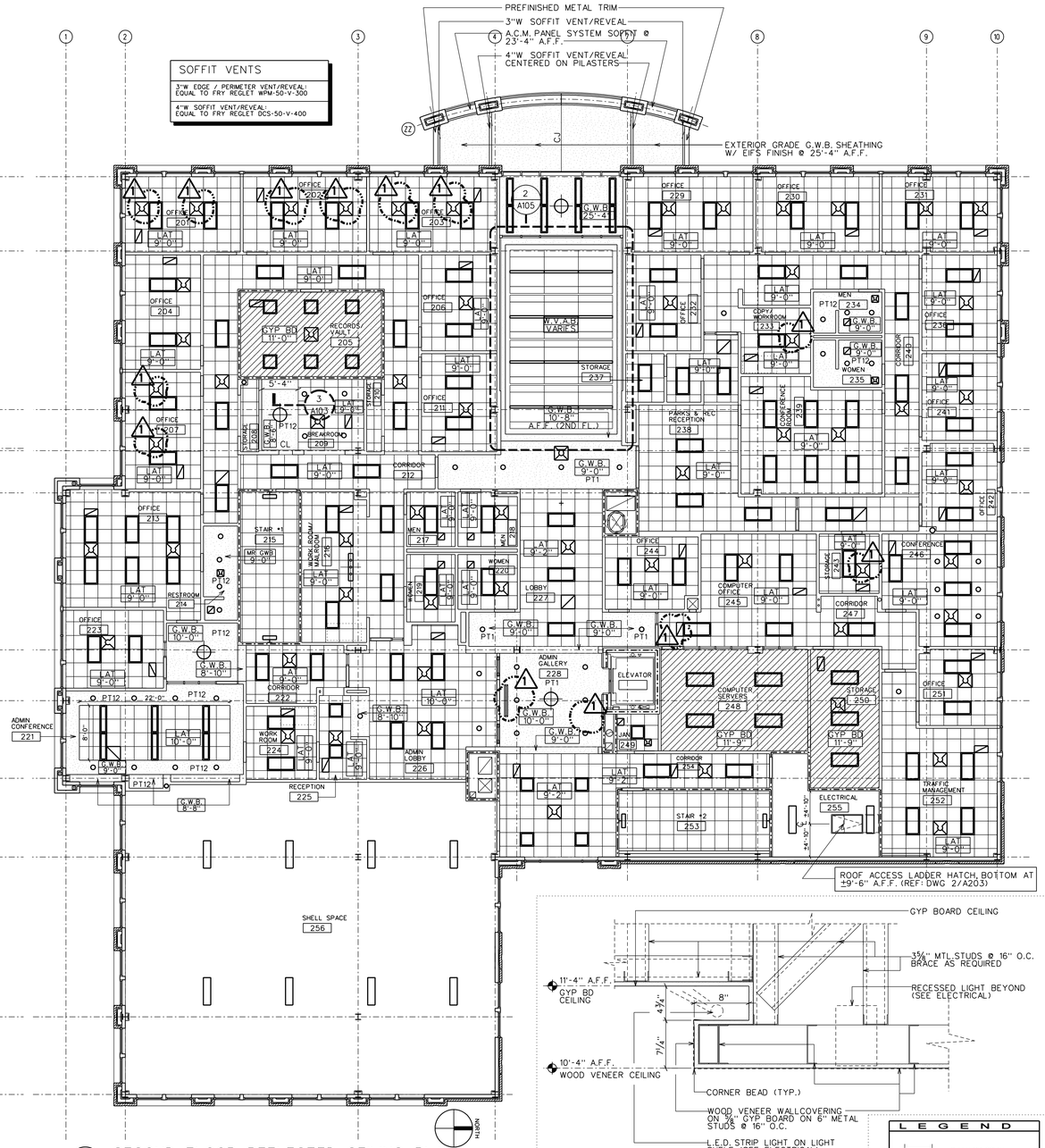
RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

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0 6" 1 2 3
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0 6" 1 2 3 4
3/16" =1'-0" GRAPHIC SCALE
0 1 2 3 4 8
1/8" =1'-0" GRAPHIC SCALE
0 1 2 3 4 8 16



1 A103 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

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



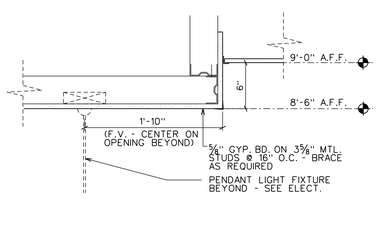
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GRAPHIC SCALE: 1/8" = 1'-0"

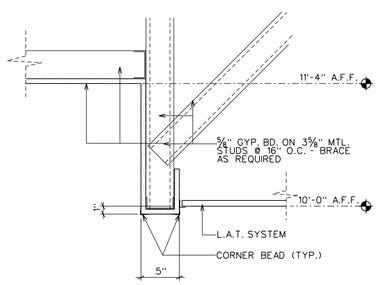
8 A103 CEILING DETAIL AT GALLERY 156
SCALE: 1½" = 1'-0"

LEGEND

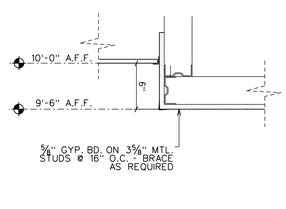
- 2x4 FLUORESCENT CEILING FIXTURE
- 2 X 2 FLOURESCENT CEILING FIXTURE
- LINEAR CEILING FIXTURE
- SUSPENDED OR SURFACE-MOUNTED LIGHT
- RECESSED CAN LIGHT
- RECESSED CAN LIGHT (SQUARE)
- PENDANT LIGHTS
- SUSPENDED LIGHT FIXTURE
- LINEAR LIGHT DIFFUSER
- WALL MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- 2x2 HVAC SUPPLY GRILLE
  2x2 HVAC RETURN REGISTER
- L.A.T. CEILING
- GYPSUM BOARD CEILING/ FURR DOWN
- W.V.A.B. WOOD VENEER ACCENT BEAMS
- ROOMS 205, 248, 250, TO HAVE FIRE SUPPRESSION SYSTEM. ALL WALL AND CEILING PENETRATIONS TO BE SEALED AS PER SPECIFICATIONS
- FIRST FLOOR AREAS BELOW SECOND FLOOR RESTROOMS TO RECEIVE SOUNDS BATTS ABOVE THE CEILING



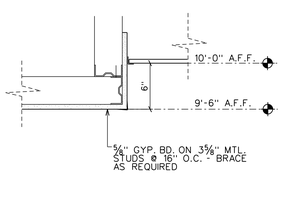
3 A103 CEILING DETAIL @ BREAKROOM 209
SCALE: 1½" = 1'-0"



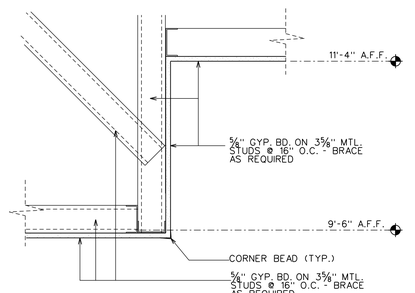
4 A103 CEILING DETAIL AT GALLERY 156
SCALE: 1½" = 1'-0"



5 A103 CEILING DETAIL AT GALLERY 156
SCALE: 1½" = 1'-0"



6 A103 CEILING DETAIL AT GALLERY 156
SCALE: 1½" = 1'-0"



7 A103 CEILING DETAIL AT GALLERY 156
SCALE: 1½" = 1'-0"

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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number: A103

RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

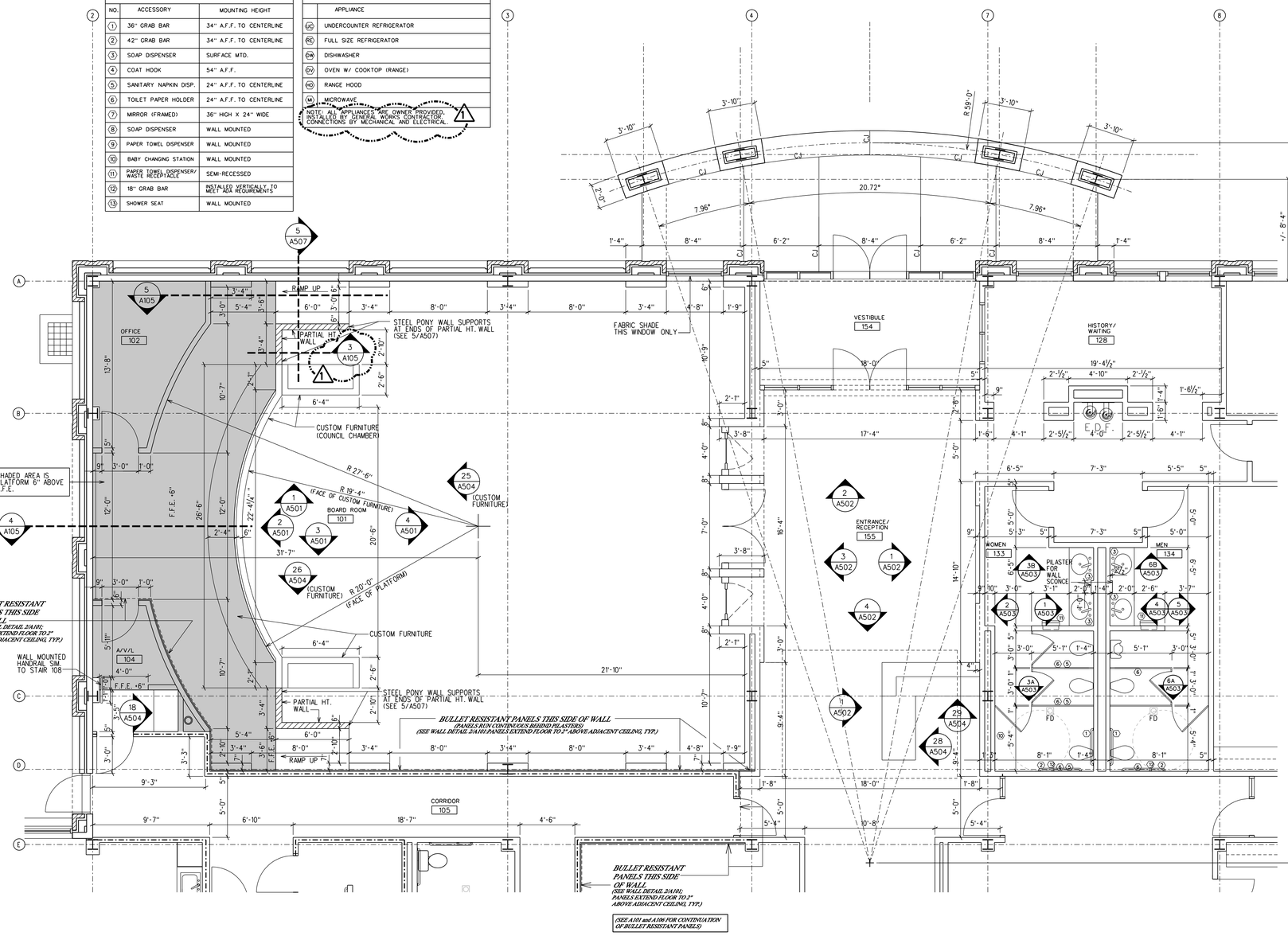
1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE
1/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE

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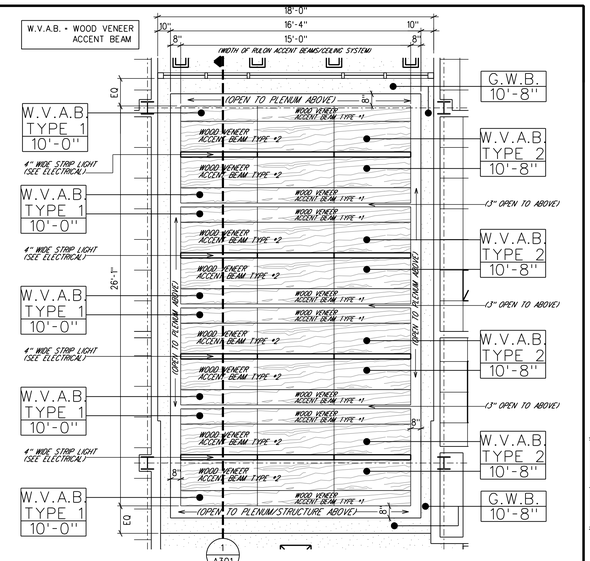
TOILET ACCESSORIES LEGEND		
NO.	ACCESSORY	MOUNTING HEIGHT
①	36" GRAB BAR	34" A.F.F. TO CENTERLINE
②	42" GRAB BAR	34" A.F.F. TO CENTERLINE
③	SOAP DISPENSER	SURFACE MTD.
④	COAT HOOK	54" A.F.F.
⑤	SANITARY NAPKIN DISP.	24" A.F.F. TO CENTERLINE
⑥	TOILET PAPER HOLDER	24" A.F.F. TO CENTERLINE
⑦	MIRROR (FRAMED)	36" HIGH X 24" WIDE
⑧	SOAP DISPENSER	WALL MOUNTED
⑨	PAPER TOWEL DISPENSER	WALL MOUNTED
⑩	BABY CHANGING STATION	WALL MOUNTED
⑪	PAPER TOWEL DISPENSER/ WASTE RECEPTACLE	SEMI-RECESSED
⑫	18" GRAB BAR	INSTALLED VERTICALLY TO MEET ADA REQUIREMENTS
⑬	SHOWER SEAT	WALL MOUNTED

APPLIANCE LEGEND	
	APPLIANCE
UC	UNDERCOUNTER REFRIGERATOR
RE	FULL SIZE REFRIGERATOR
DW	DISHWASHER
OV	OVEN W/ COOKTOP (RANGE)
HO	RANGE HOOD
M	MICROWAVE

NOTE: ALL APPLIANCES ARE OWNER PROVIDED. COORDINATION BY GENERAL WORKS CONTRACTOR. CONNECTIONS BY MECHANICAL AND ELECTRICAL. (1)



1 A105 ENLARGED PARTIAL FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

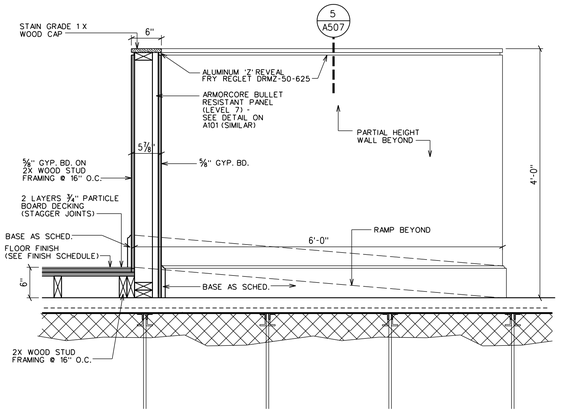


2 A105 ENLARGED REFLECTED CEILING PLAN: ENTRANCE - 155
SCALE: 1/4" = 1'-0"

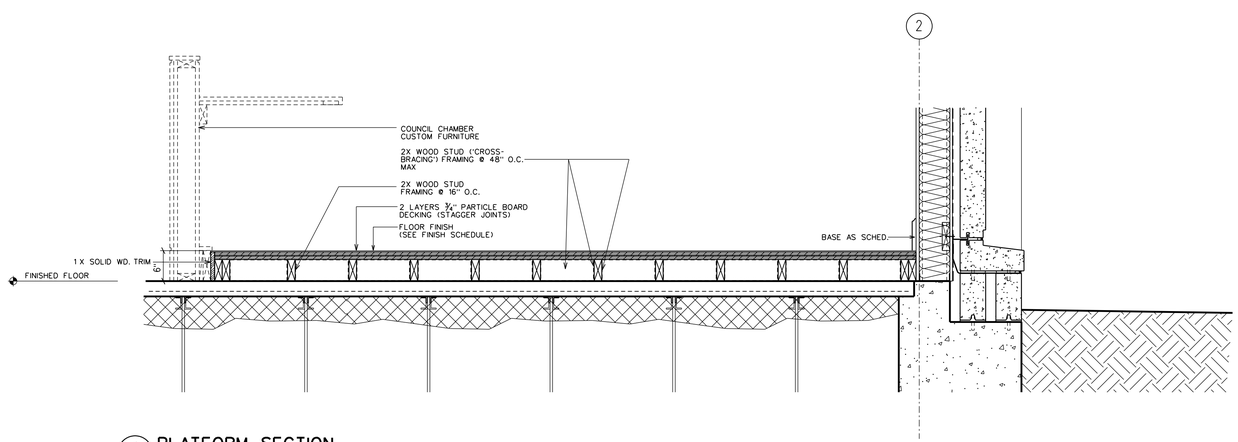
W.V.A.B. • WOOD VENEER ACCENT BEAM

•••WOOD GRAIN/PATTERN SHOWN IN THE R.C.P. IS FOR REFERENCE ONLY AND NOT INTENDED TO REPRESENT THE ACTUAL WOOD GRAIN OR PATTERN OF THE ACCENT BEAMS•••

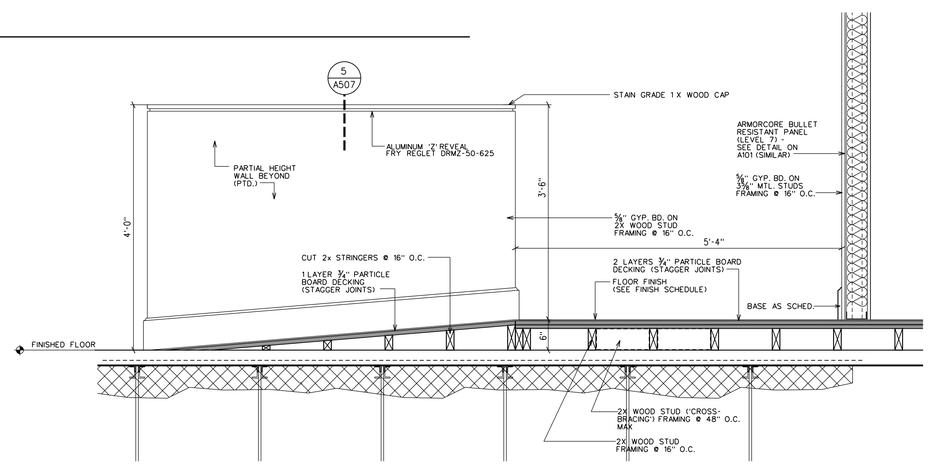
"RULON" WOOD "ACCENT" BOX BEAM CEILING SYSTEM (PROFILE) AS SHOWN/DIMENSIONED) SYSTEM TO BE SUSPENDED FROM STRUCTURE ABOVE. (ALSO SEE BUILDING SECTION AND DETAILS 1/A3011)



3 A105 MILLWORK SECTION
SCALE: 1" = 1'-0"



4 A105 PLATFORM SECTION
SCALE: 1" = 1'-0"



5 A105 PLATFORM SECTION
SCALE: 1" = 1'-0"

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Project No: 14048
Date: JUNE 20, 2019
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Checked: AG

Revisions: 1 JULY 11, 2019 (ADDENDUM 1)

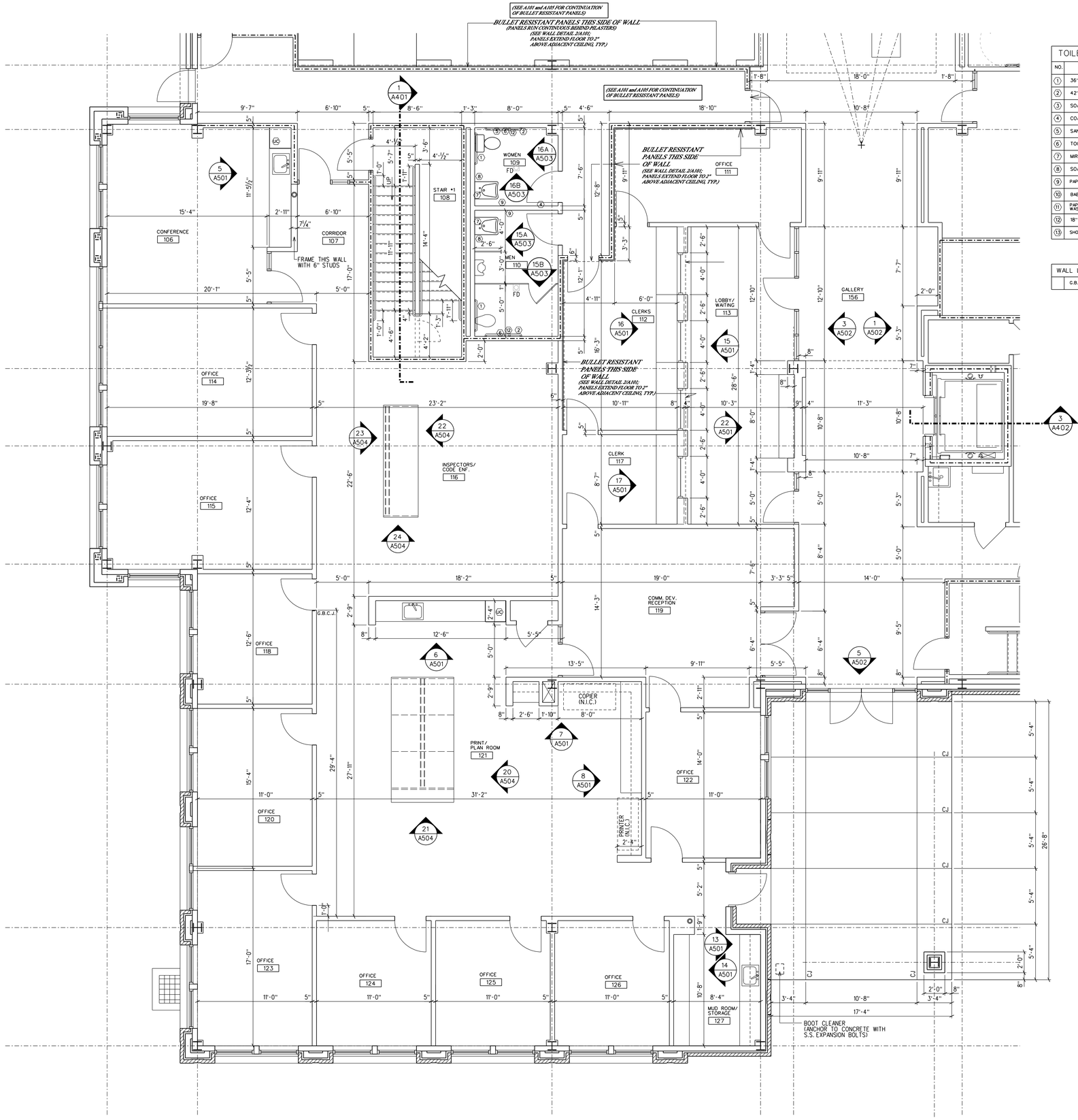
RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number: A105

RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
1/4" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE

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TOILET ACCESSORIES LEGEND

NO.	ACCESSORY	MOUNTING HEIGHT
1	36" GRAB BAR	34" A.F.F. TO CENTERLINE
2	42" GRAB BAR	34" A.F.F. TO CENTERLINE
3	SOAP DISPENSER	SURFACE MTD.
4	COAT HOOK	54" A.F.F.
5	SANITARY NAPKIN DISP.	24" A.F.F. TO CENTERLINE
6	TOILET PAPER HOLDER	24" A.F.F. TO CENTERLINE
7	MIRROR (FRAMED)	36" HIGH X 24" WIDE
8	SOAP DISPENSER	WALL MOUNTED
9	PAPER TOWEL DISPENSER	WALL MOUNTED
10	BABY CHANGING STATION	WALL MOUNTED
11	PAPER TOWEL DISPENSER/ WASTE RECEPTACLE	SEMI-RECESSED
12	18" GRAB BAR	INSTALLED VERTICALLY TO MEET ADA REQUIREMENTS
13	SHOWER SEAT	WALL MOUNTED

WALL LEGEND INFORMATION

G.B.C.J.	GYP BOARD CONTROL JOINT (1/2" TYP.)

APPLIANCE LEGEND

	APPLIANCE
UC	UNDERCOUNTER REFRIGERATOR
RE	FULL SIZE REFRIGERATOR
DW	DISHWASHER
OV	OVEN W/ COOKTOP (RANGE)
HD	RANGE HOOD
M	MICROWAVE

NOTE: ALL APPLIANCES ARE OWNER PROVIDED, INSTALLED BY GENERAL WORKS CONTRACTOR. CONNECTIONS BY MECHANICAL AND ELECTRICAL. 1

1 A106 ENLARGED PARTIAL FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

3" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
1/4" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE

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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

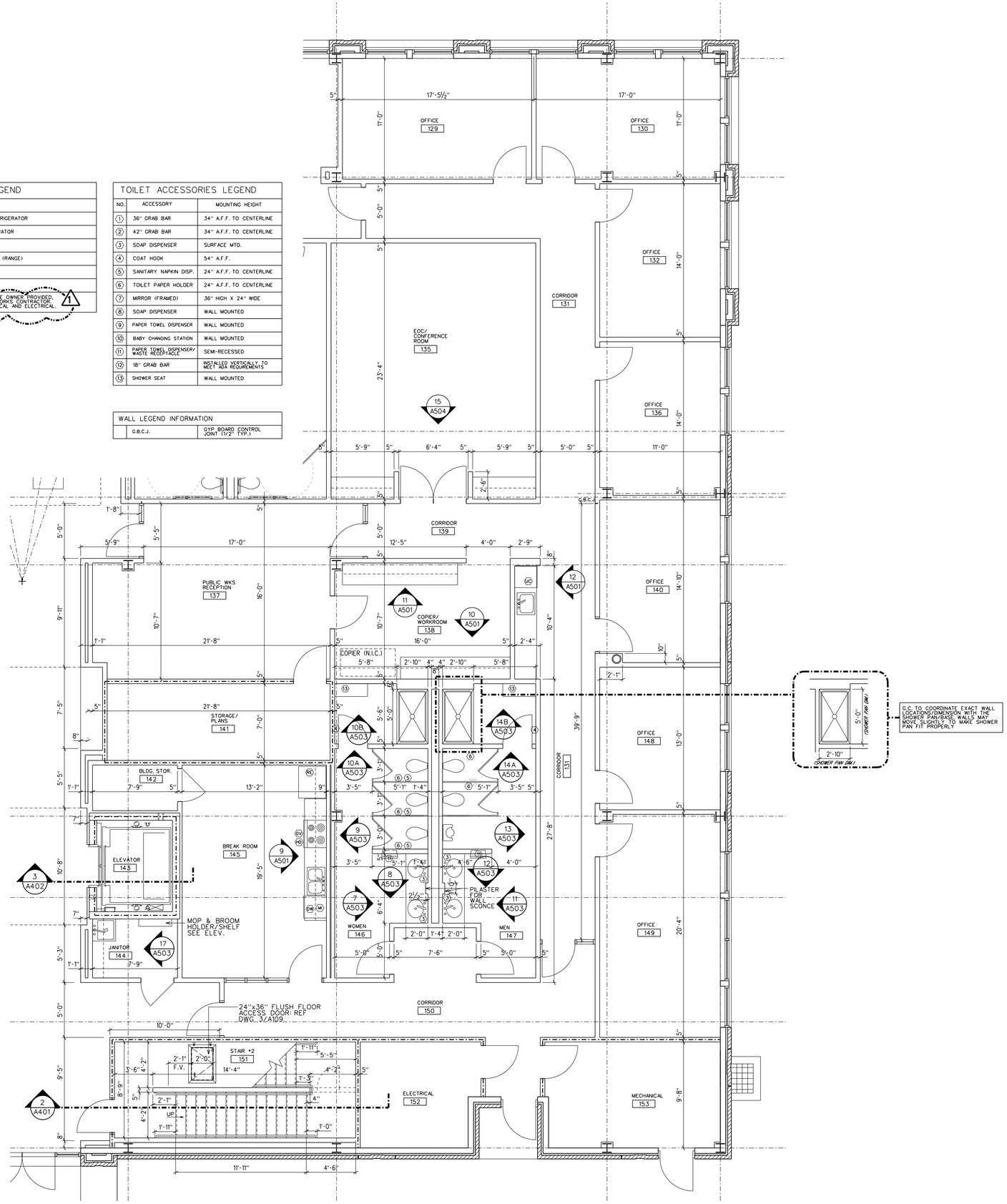
Sheet Number: A106

APPLIANCE LEGEND	
	APPLIANCE
UC	UNDERCOUNTER REFRIGERATOR
RF	FULL SIZE REFRIGERATOR
DW	DISHWASHER
OV	OVEN W/ COOKTOP (RANGE)
HD	RANGE HOOD
M	MICROWAVE

NOTE: ALL APPLIANCES ARE OWNER PROVIDED, INSTALLED BY GENERAL WORKS CONTRACTOR. CONNECTIONS BY MECHANICAL AND ELECTRICAL.

TOILET ACCESSORIES LEGEND		
NO.	ACCESSORY	MOUNTING HEIGHT
1	36" GRAB BAR	34" A.F.F. TO CENTERLINE
2	42" GRAB BAR	34" A.F.F. TO CENTERLINE
3	SOAP DISPENSER	SURFACE MTD.
4	COAT HOOK	54" A.F.F.
5	SANITARY NAPKIN DISP.	24" A.F.F. TO CENTERLINE
6	TOILET PAPER HOLDER	24" A.F.F. TO CENTERLINE
7	MIRROR (FRAMED)	36" HIGH X 24" WIDE
8	SOAP DISPENSER	WALL MOUNTED
9	PAPER TOWEL DISPENSER	WALL MOUNTED
10	BABY CHANGING STATION	WALL MOUNTED
11	PAPER TOWEL DISPENSER/ WASTE RECEPTACLE	SEMI-RECESSED
12	18" GRAB BAR	INSTALLED VERTICALLY TO MEET ADA REQUIREMENTS
13	SHOWER SEAT	WALL MOUNTED

WALL LEGEND INFORMATION	
G.B.C.J.	GYP. BOARD CONTROL JOINT (1/2" TYP.)



1 / A107 ENLARGED PARTIAL FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

1/16" = 1'-0" GRAPHIC SCALE
3/32" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE
3/16" = 1'-0" GRAPHIC SCALE
1/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE

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REGISTERED ARCHITECT Alan Grant 14166 STATE OF MISSISSIPPI

Revisions: 1 JULY 11, 2019 (ADDENDUM 1)

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Date: JUNE 20, 2019
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Checked: AC

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : A107

TOILET ACCESSORIES LEGEND		
NO.	ACCESSORY	MOUNTING HEIGHT
(1)	36" GRAB BAR	34" A.F.F. TO CENTERLINE
(2)	42" GRAB BAR	34" A.F.F. TO CENTERLINE
(3)	SOAP DISPENSER	SURFACE MTD.
(4)	COAT HOOK	54" A.F.F.
(5)	SANITARY NAPKIN DISP.	24" A.F.F. TO CENTERLINE
(6)	TOILET PAPER HOLDER	24" A.F.F. TO CENTERLINE
(7)	MIRROR (FRAMED)	36" HIGH X 24" WIDE
(8)	SOAP DISPENSER	WALL MOUNTED
(9)	PAPER TOWEL DISPENSER	WALL MOUNTED
(10)	BABY CHANGING STATION	WALL MOUNTED
(11)	PAPER TOWEL DISPENSER/ WASTE RECEPTACLE	SEMI-RECESSED
(12)	18" GRAB BAR	INSTALLED VERTICALLY TO MEET ADA REQUIREMENTS
(13)	SHOWER SEAT	WALL MOUNTED

APPLIANCE LEGEND	
	APPLIANCE
(UC)	UNDERCOUNTER REFRIGERATOR
(RE)	FULL SIZE REFRIGERATOR
(DW)	DISHWASHER
(OV)	OVEN W/ COOKTOP (RANGE)
(HD)	RANGE HOOD
(M)	MICROWAVE

NOTE: ALL APPLIANCES ARE OWNER PROVIDED, INSTALLED BY GENERAL WORKS CONTRACTOR. CONNECTIONS BY MECHANICAL AND ELECTRICAL.

1

3/4" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
1/4" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE

OFFICE 201 · OFFICE 202 · OFFICE 203 · OFFICE 204 · RECORDS/ VAULT 205 · OFFICE 206 · OFFICE 207 · BREAKROOM 209 · STORAGE 208 · STORAGE 210 · OFFICE 211 · OFFICE 213 · RESTROOM 214 · STAIR #1 215 · WORK ROOM/ MAILROOM 216 · MEN 217 · MEN 218 · WOMEN 219 · WOMEN 220 · OFFICE 221 · CORRIDOR 222 · CONFERENCE 223 · WORK ROOM 224 · RECEPTION 225 · ADMIN LOBBY 226 · LOBBY 227 · ADMIN GALLERY 228 · OFFICE 229 · OFFICE 230 · OFFICE 231 · OFFICE 232 · COPY/ WORKROOM 233 · MEN 234 · WOMEN 235 · OFFICE 236 · CORRIDOR 240 · STORAGE 237 · COPIER (N.I.C.) · CONFERENCE ROOM 239 · PARKS AND REC RECEPTION 238 · OFFICE 241 · OFFICE 242 · OFFICE 244 · COMPUTER OFFICE 245 · STORAGE 243 · CONFERENCE 246 · CORRIDOR 247 · OFFICE 251 · STORAGE 250 · COMPUTER SERVERS 248 · JAN 249 · CORRIDOR 254 · STAIR #2 253 · ELECTRICAL 255 · TRAFFIC MANAGEMENT 252

OPEN TO BELOW · TOP OF LEDGE BELOW FOR ACOUSTIC WALL PANELS · CLEAN AGENT FIRE SUPPRESION SYSTEM TANK AND CONTROL PANEL (REF: MECH) · CUSTOM GLASS ART PANEL · TEMPERED GLASS GUARDRAIL · FIELD VERIFY · LOCATE C.L. OF OPENING ON C.L. OF STAIR DOOR · FRAME THIS WALL WITH 6" STUDS · E.D.F. · ELEVATOR · 12" x 24" LOCKABLE ACCESS PANEL · CLEAN AGENT FIRE SUPPRESION SYSTEM TANK AND CONTROL PANEL (REF: MECH) · ROOF ACCESS HATCH ABOVE · FLOOR CLEARANCE AREA FOR ROOF ACCESS LADDER

1 A108 ENLARGED PARTIAL SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

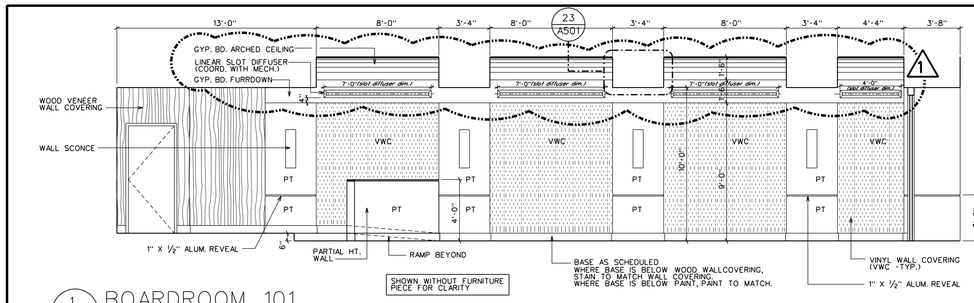
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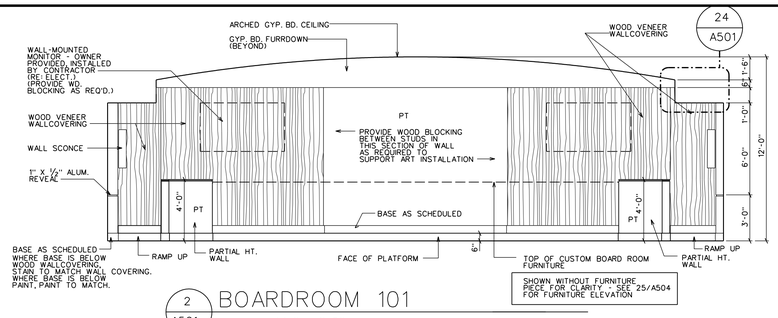
RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number: A108



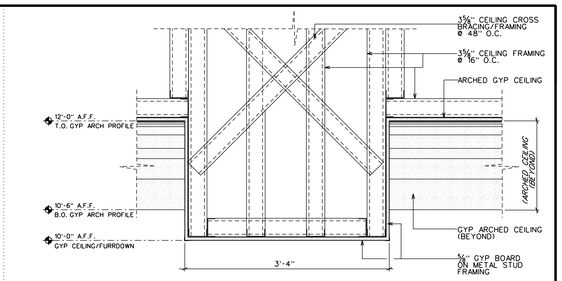
1 A501 **BOARDROOM 101**

SCALE : ¼" = 1'-0"



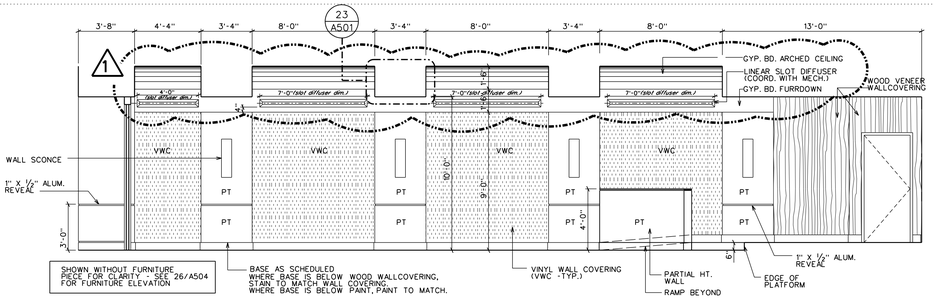
2 A501 **BOARDROOM 101**

SCALE : ¼" = 1'-0"



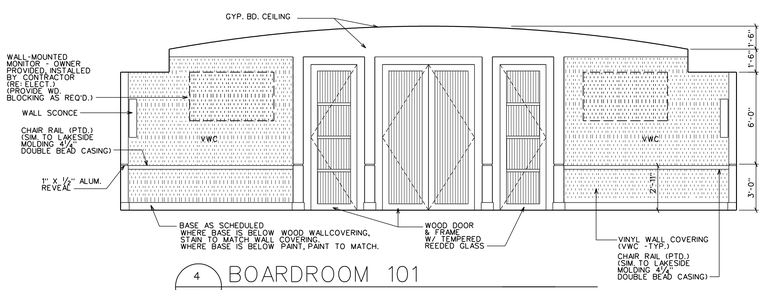
23 A501 **BOARDROOM CEILING FURRDOWN DETAIL**

SCALE : 1" = 1'-0"



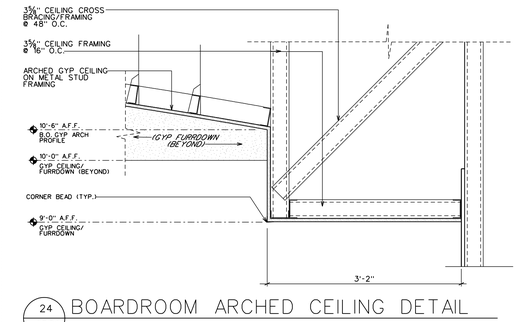
3 A501 **BOARDROOM 101**

SCALE : ¼" = 1'-0"



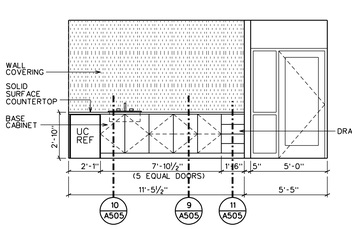
4 A501 **BOARDROOM 101**

SCALE : ¼" = 1'-0"



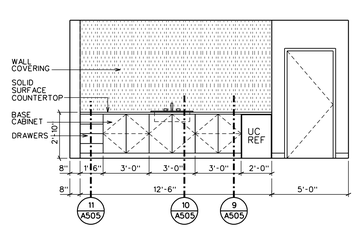
24 A501 **BOARDROOM ARCHED CEILING DETAIL**

SCALE : 1" = 1'-0"



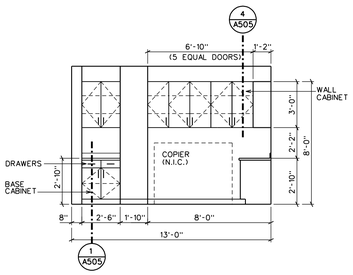
5 A501 **CONFERENCE 106**

SCALE : ¼" = 1'-0"



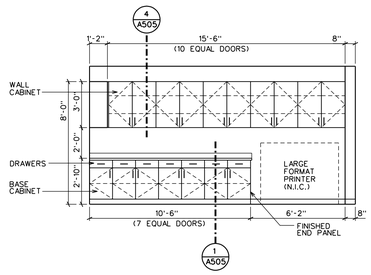
6 A501 **PRINT/PLAN ROOM 121**

SCALE : ¼" = 1'-0"



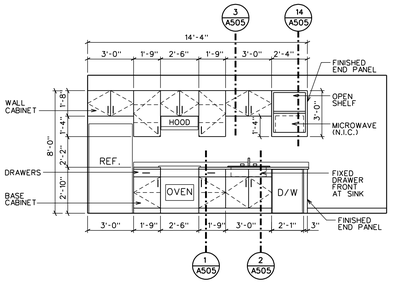
7 A501 **PRINT/PLAN ROOM 121**

SCALE : ¼" = 1'-0"



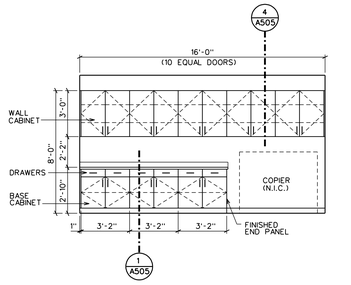
8 A501 **PRINT/PLAN ROOM 121**

SCALE : ¼" = 1'-0"



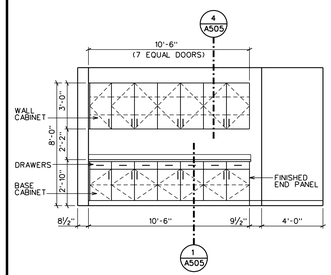
9 A501 **BREAKROOM 145**

SCALE : ¼" = 1'-0"



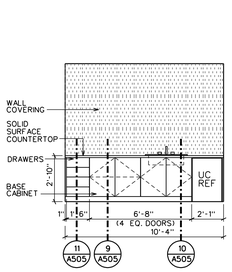
10 A501 **COPIER/WORKROOM 138**

SCALE : ¼" = 1'-0"



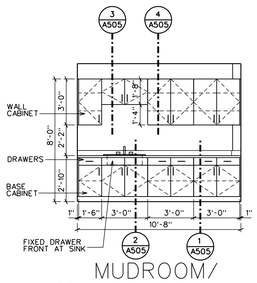
11 A501 **COPIER/WORKROOM 138**

SCALE : ¼" = 1'-0"



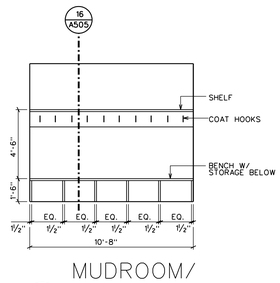
12 A501 **CORRIDOR 131**

SCALE : ¼" = 1'-0"



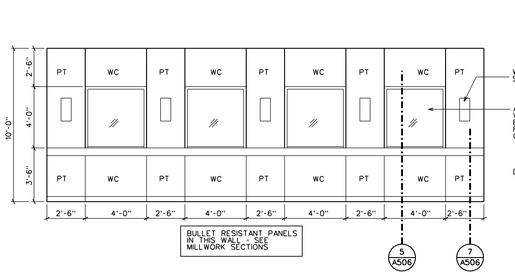
13 A501 **MUDROOM/ STORAGE 127**

SCALE : ¼" = 1'-0"



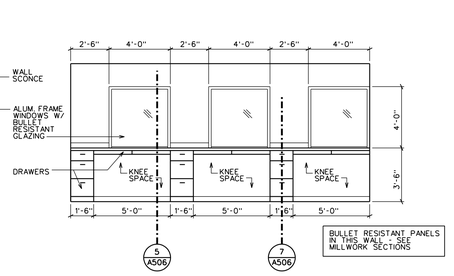
14 A501 **MUDROOM/ STORAGE 127**

SCALE : ¼" = 1'-0"



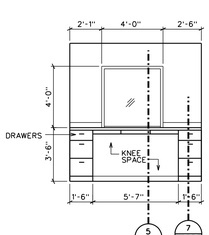
15 A501 **LOBBY/WAITING 113**

SCALE : ¼" = 1'-0"



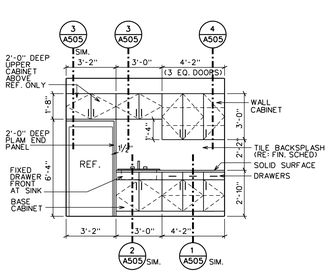
16 A501 **CLERKS 112**

SCALE : ¼" = 1'-0"



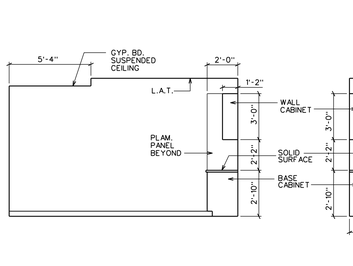
17 A501 **CLERK 117**

SCALE : ¼" = 1'-0"



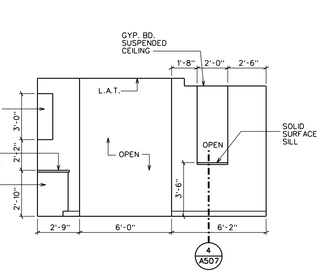
18 A501 **BREAKROOM 209**

SCALE : ¼" = 1'-0"



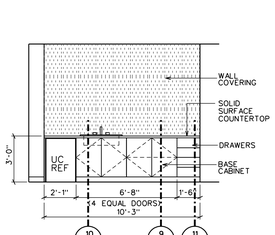
19 A501 **BREAKROOM 209**

SCALE : ¼" = 1'-0"



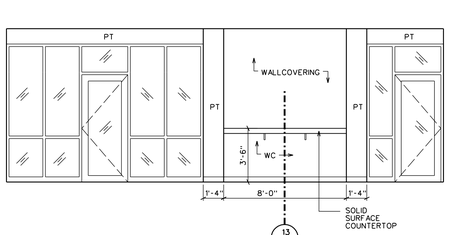
20 A501 **BREAKROOM 209**

SCALE : ¼" = 1'-0"



21 A501 **CORRIDOR 222**

SCALE : ¼" = 1'-0"



22 A501 **LOBBY/WAITING 113**

SCALE : ¼" = 1'-0"

Dean and Dean/Associates
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REGISTERED ARCHITECT J. Man Dean STATE OF MISSISSIPPI

Revisions: 1 JULY 11, 2019 (ADDENDUM 1)

Project No: 14048
Date: JUNE 20, 2019
Drawn: RB, JD, MMH
Checked: AG

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : A501

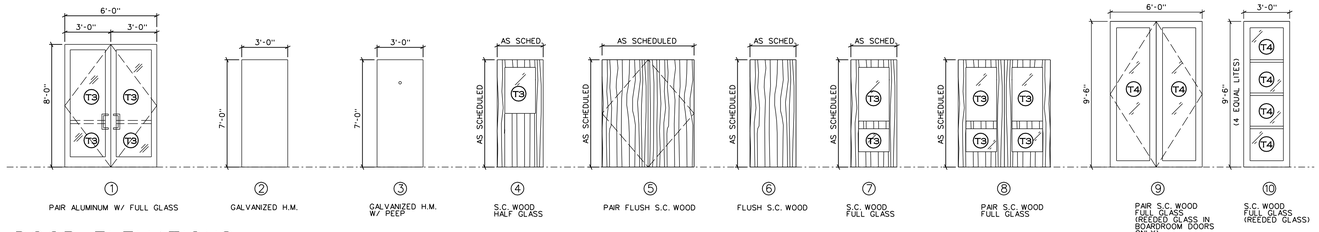
INTERIOR ELEVATIONS

RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

0 6" 2" 3" • 1'-0" GRAPHIC SCALE
0 6" 1" 1½" • 1'-0" GRAPHIC SCALE
0 6" ¾" 2" 3" • 1'-0" GRAPHIC SCALE
0 6" ½" 1" 2" • 1'-0" GRAPHIC SCALE
0 ¼" 3" 4" 8" • 1'-0" GRAPHIC SCALE
0 1 2 3 4 8 16 • 1'-0" GRAPHIC SCALE

DOOR & FRAME SCHEDULE

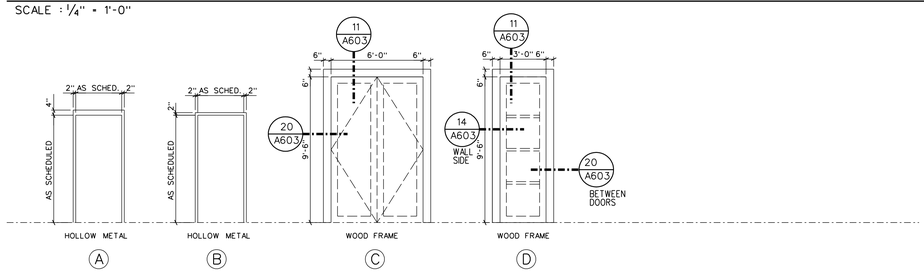
NO.	DOOR SIZE W	DOOR SIZE H	DOOR THK	DOOR MTL.	DOOR ELV.	DOOR GLASS	DOOR LOUVER	FRAME MTL.	FRAME ELV.	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	FIRE RATING LABEL	COMMENTS/REMARKS
FIRST FLOOR														
101A	PR3'-0"	9'-6"	1¾"	WD.	9	•FULL		WD.	C	11/A603	20/A603			REEDED GLASS
101B	3'-0"	9'-6"	1¾"	WD.	10	•FULL		WD.	D	11/A603	14,20/A603			REEDED GLASS
101C	3'-0"	9'-6"	1¾"	WD.	10	•FULL		WD.	D	11/A603	14,20/A603			REEDED GLASS
102A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
104A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
104B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		20 MIN	LEVEL 7 PROTECTION
105A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	7/A603	11/A604		20 MIN	BULLET RESISTANT PANEL/DOOR
105B	3'-0"	7'-0"	1¾"	H.M.	3			H.M.	A	9/A606	10/A606	11/A606	20 MIN	GALVANIZED DOOR AND FRAME PEEP HOLE
106A	3'-0"	7'-0"	1¾"	WD.	7	•FULL		H.M.	IA	1/A603	11/A604			FROSTED FILM ON GLASS (DOOR & SIDELITE)
107A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	IA	3/A603	11/A604		20 MIN	
108A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		60 MIN.	
109A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
110A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
111A	3'-0"	7'-0"	1¾"	WD.	4			H.M.	B	1/A603	2/A603			
111B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			LEVEL 7 PROTECTION
112A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		20 MIN.	BULLET RESISTANT PANEL/DOOR
112B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
113A	3'-0"	7'-0"	1¾"	WD.	7	FULL		H.M.	ID	7/A603	7/A603			
113B	3'-0"	7'-0"	1¾"	WD.	7	FULL		HM.	IB	7/A603	12/A604			
114A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
115A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
117A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
118A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
119A	PR3'-0	7'-0"	1¾"	WD.	8	FULL		H.M.	IC	7/A603	11/A604 SIM			
119B	3'-0"	7'-0"	1¾"	WD.	7	FULL		H.M.	IA	1/A603	11/A604 SIM			
120A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
121A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
121B	3'-0"	7'-0"	1¾"	H.M.	3			H.M.	A	13/A606SIM.	10/A606	11/A606		GALVANIZED DOOR AND FRAME PEEP HOLE
122A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
122B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
123A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
124A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
125A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
126A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
129A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
130A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
131A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
132A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
133A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
134A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
135A	PR3'-0"	7'-0"	1¾"	WD.	8	•FULL		H.M.	B	1/A603	11/A604 SIM			FROSTED FILM ON GLASS
136A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
137A	3'-0"	7'-0"	1¾"	WD.	7	FULL		H.M.	IB	7/A603	11/A604 SIM			
137B	3'-0"	7'-0"	1¾"	WD.	7	FULL		H.M.	IA	1/A603	11/A604			
138A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
140A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
141A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		20 MIN	
142A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
144A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
145A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	IE	1/A603	2/A603			
146A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
146B	2'-8"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
147A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
147B	2'-8"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
148A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
149A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
150A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	IA	1/A603	11/A604			
150B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
150C	3'-0"	7'-0"	1¾"	H.M.	3			H.M.	A	13/A606	10/A606	11/A606		GALVANIZED DOOR AND FRAME PEEP HOLE
151A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		60 MIN	
152A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		20 MIN.	
153A	3'-0	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		20 MIN.	
153B	3'-0	7'-0"	1¾"	H.M.	2			H.M.	A	12/A606	10/A606	11/A606		GALVANIZED DOOR AND FRAME
154A	PR3'-0"	6'-6"	1¾"	ALUM	1			ALUM	T	5/A606	6/A606	7/A606		
154B	PR3'-0"	6'-0"	1¾"	ALUM	1			ALUM	IN	5,8/A604	1,6/A604	4/A606 (SIM., O.H.)		
156A	PR3'-0"	7'-0"	1¾"	ALUM	1			ALUM	H	2,8/A606	2/A605			
SECOND FLOOR														
201A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
202A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
203A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
204A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
205A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		20 MIN.	REQUIRES WEATHER STRIPPING, DROP SEAL AT BOTTOM, CLOSURE AND LATCH.
206A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
207A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
208A	PR3'-0	7'-0"	1¾"	WD.	5			H.M.	B	1/A603	2/A603			
210A	PR3'-0	7'-0"	1¾"	WD.	5			H.M.	B	1/A603	2/A603			
211A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
212A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
213A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
213B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
214A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
215A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		60 MIN	
217A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
218A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
219A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
220A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
221A	3'-0"	7'-0"	1¾"	WD.	6	•FULL		H.M.	IM	1/A603	2/A603			
223A	3'-0"	7'-0"	1¾"	WD.	7			H.M.	IL	1/A603	2/A603			
224A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
224B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
226A	PR3'-0	9'-6"	1¾"	WD.	9	•FULL		H.M.	IK	18/A603	14,19/A603			REEDED GLASS IN SIDELITES; CLEAR GLASS DOOR
226B	3'-0"	7'-0"	1¾"	WD.	7	•FULL		H.M.	IA	1/A603	11/A604			FROSTED FILM ON GLASS (DOOR & SIDELITE)
226C	3'-0"	7'-0"	1¾"	WD.	7	•FULL		H.M.	IA	1/A603	11/A604			FROSTED FILM ON GLASS (DOOR & SIDELITE)
229A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
230A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
231A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
232A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
234A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
235A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
236A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
237A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
238A	PR3'-0	7'-0"	1¾"	WD.	8			H.M.	IC	7/A603	12/A604 SIM			
239A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
239B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
240A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	IA	1/A603	11/A604			
240B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	IA	1/A603	11/A604 SIM			
241A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
242A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
243A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
244A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
246A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
247A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	IB	7/A603	11/A604 SIM			
248A	3'-0"	7'-0"	1¾"	WD.	7	FULL		H.M.	IH	1/A603				REQUIRES WEATHER STRIPPING, DROP SEAL AT BOTTOM, CLOSURE AND LATCH.
249A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
250A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			REQUIRES WEATHER STRIPPING, DROP SEAL AT BOTTOM, CLOSURE AND LATCH.
250B	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			REQUIRES WEATHER STRIPPING, DROP SEAL AT BOTTOM, CLOSURE AND LATCH.
251A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
252A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			
253A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		60 MIN.	
255A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	3/A603	4/A603		20 MIN.	
256A	3'-0"	7'-0"	1¾"	WD.	6			H.M.	B	1/A603	2/A603			



① PAIR ALUMINUM W/ FULL GLASS
② GALVANIZED H.M.
③ GALVANIZED H.M. W/ PEEP
④ S.C. WOOD HALF GLASS
⑤ PAIR FLUSH S.C. WOOD
⑥ FLUSH S.C. WOOD
⑦ S.C. WOOD FULL GLASS
⑧ PAIR S.C. WOOD FULL GLASS
⑨ PAIR S.C. WOOD FULL GLASS (REEDED GLASS IN BOARDROOM DOORS ONLY)
⑩ S.C. WOOD FULL GLASS (REEDED GLASS)

DOOR ELEVATIONS

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



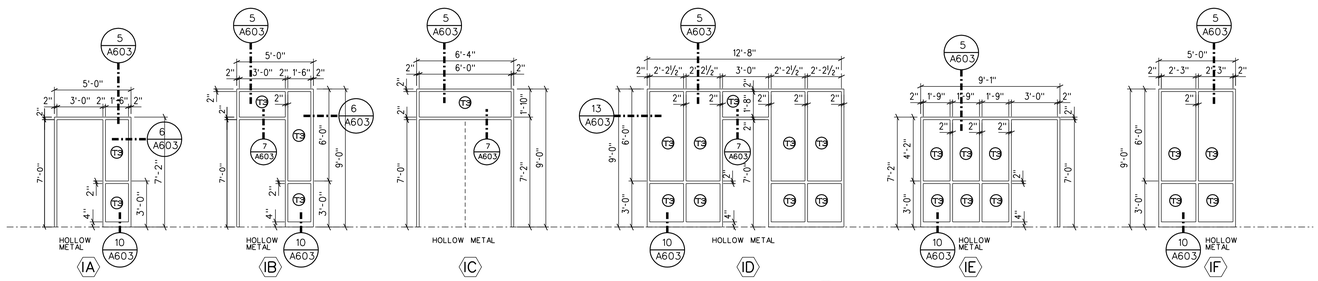
Ⓐ HOLLOW METAL
Ⓑ HOLLOW METAL
Ⓒ WOOD FRAME
Ⓓ WOOD FRAME

GLASS TYPE LEGEND

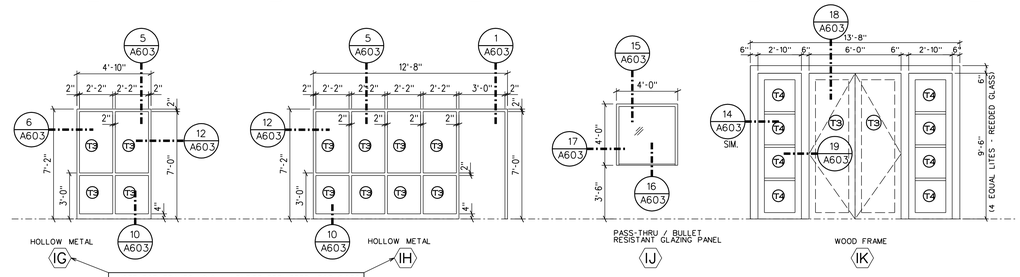
	DESCRIPTION
T1	**GLASS TYPE 1 -** 1" INSULATED GLASS UNIT TEMPERED (EXTERIOR LOCATIONS)
T2	**GLASS TYPE 2 -** 1/4" TEMPERED (EXTERIOR DOOR LOCATIONS)
T3	**GLASS TYPE 3 -** 1/4" TEMPERED (INTERIOR LOCATIONS)
T4	**GLASS TYPE 4 -** 1/4" TEMPERED • REEDED (INTERIOR LOCATIONS)
	SEE SPECIFICATIONS FOR FULL DESCRIPTION OF GLASS/GLAZING TYPES, SECTION 088000.

DOOR FRAME ELEVATIONS

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

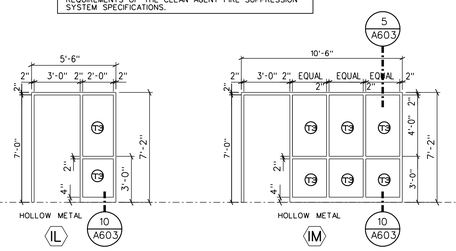


⟨IA⟩ HOLLOW METAL
⟨IB⟩ HOLLOW METAL
⟨IC⟩ HOLLOW METAL
⟨ID⟩ HOLLOW METAL
⟨IE⟩ HOLLOW METAL
⟨IF⟩ HOLLOW METAL



⟨IG⟩ HOLLOW METAL
⟨IH⟩ HOLLOW METAL
⟨IJ⟩ PASS-THRU / BULLET RESISTANT GLAZING PANEL
⟨IK⟩ WOOD FRAME

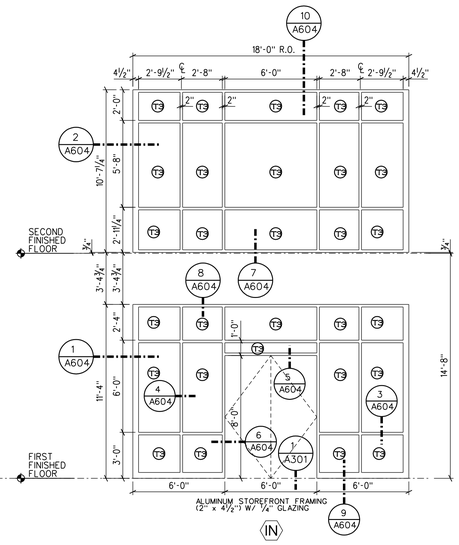
NOTE FOR FRAMES 'IG' & 'IH': ENTIRE PREMIETER (TOP, SIDES AND BOTTOM) TO BE SEALED AIRTIGHT. EACH GLASS PANEL TO BE WEATHER STRIPPED / SEALED AIRTIGHT. MUST MEET REQUIREMENTS OF THE CLEAN AGENT FIRE SUPPRESSION SYSTEM SPECIFICATIONS.



⟨IL⟩ HOLLOW METAL
⟨IM⟩ HOLLOW METAL

INTERIOR WINDOW FRAME ELEVATIONS

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



⟨IN⟩ ALUMINUM STOREFRONT FRAMING (2" x 4½") W/ ¼" GLAZING

3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
¼" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

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REGISTERED ARCHITECT ALAN C. GRANT No. 4418 STATE OF MISSISSIPPI

Revisions: 1 JULY 11, 2019 (ADDENDUM 1)

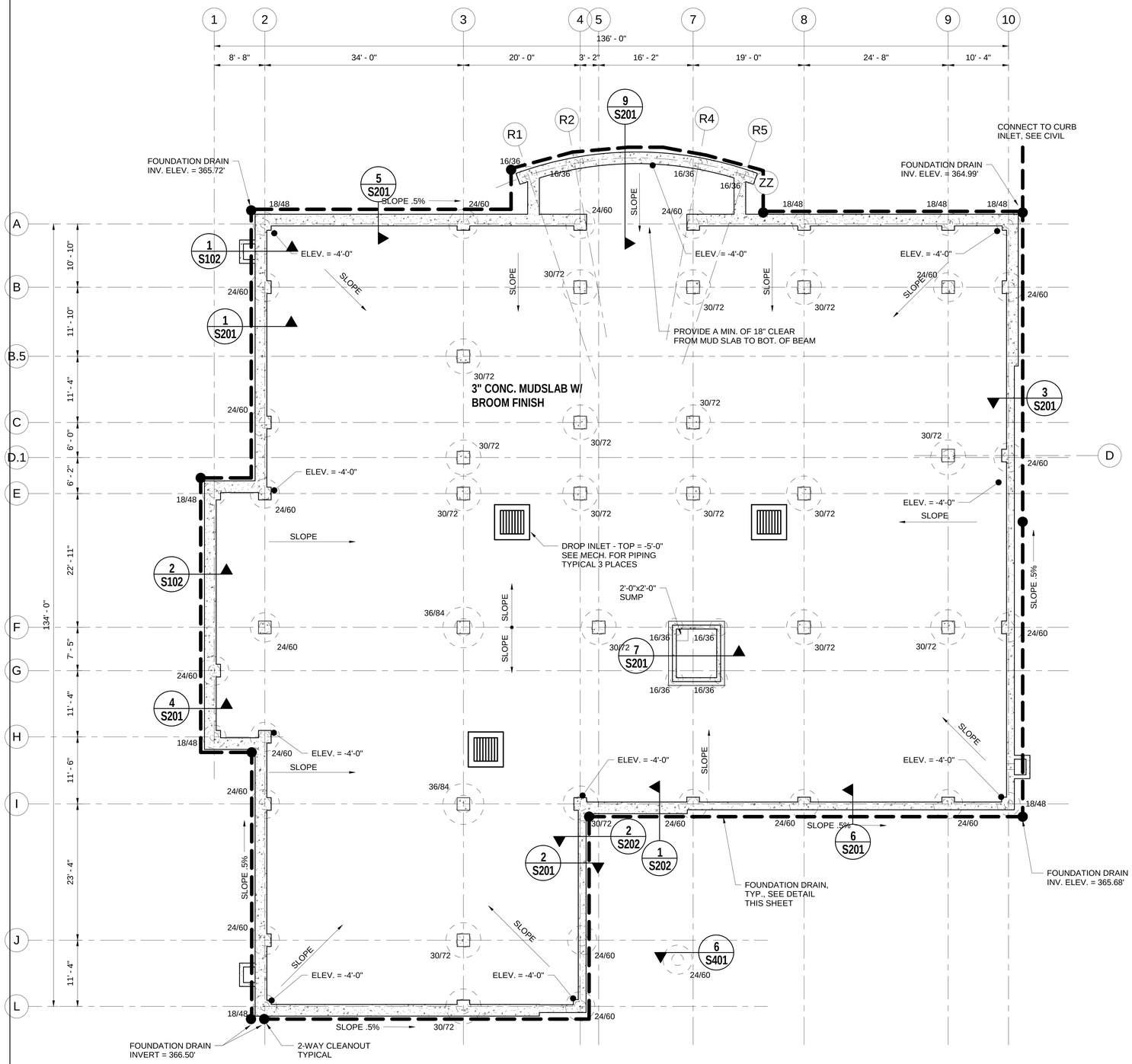
Project No: 14048
Date: JUNE 20, 2019
Drawn: RB, JD, MMH
Checked: AG

RIDGELAND CITY HALL

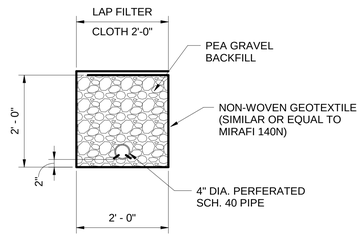
RIDGELAND, MISSISSIPPI

DOOR & FRAME / INTERIOR WINDOW SCHEDULES

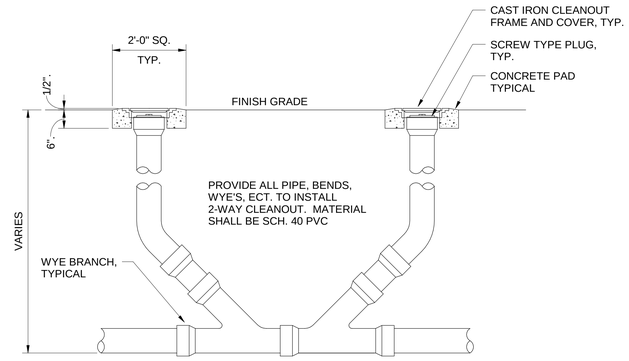
Sheet Number : A601



CRAWL SPACE PLAN
1/8" = 1'-0"



FOUNDATION DRAIN
3/4" = 1'-0"



SIMILAR @ CORNERS

2-WAY CLEAN-OUT
3/4" = 1'-0"

NOTES:

1. VERIFY ALL DIMENSIONS WITH ARCHITECT
2. SEE S102 FOR GRID DIMENSIONS.
3. SEE S102 FOR DRILLED PIER INFORMATION.
4. MUD SLAB SHALL BE 3" CONCRETE WITH FIBERMESH REINF. @ 1.5 POUNDS PER CUBIC YARD. PROVIDE BROOM FINISH ON TOP OF SLAB. SLAB SHALL SLOPE TO DRAINS. PROVIDE VAPOR BARRIER UNDER SLAB.
5. SEE SHEET L100A FOR GRADES AT BUILDING.

1

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6-18-19
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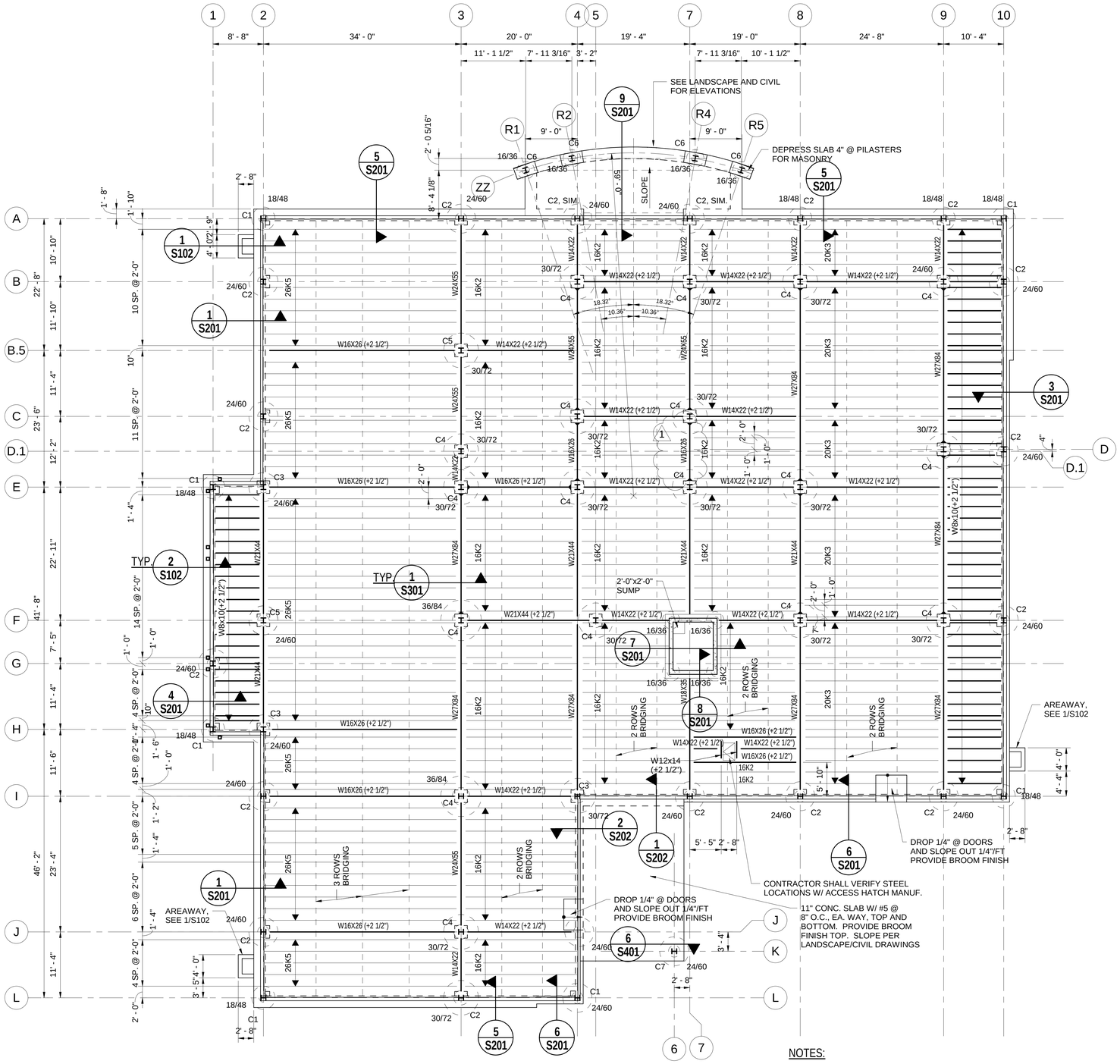
Revisions: 1 7-11-19

CRAWLSPACE PLAN

RIDGELAND CITY HALL

RIDGELAND, MISSISSIPPI

Sheet Number: S101 of Sheets



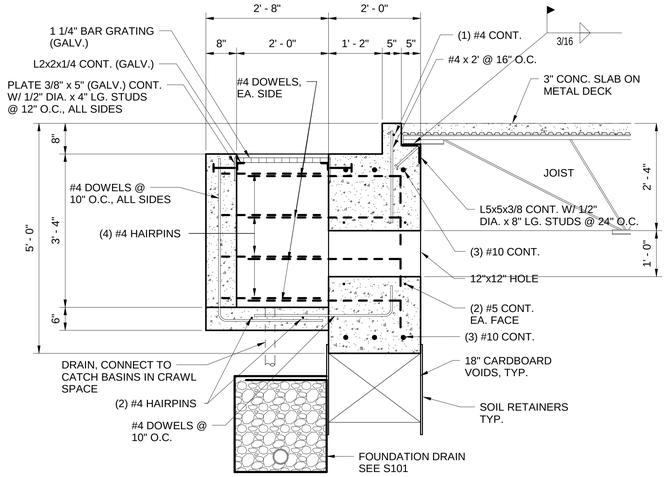
FOUNDATION AND FIRST FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

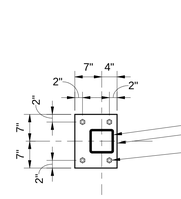
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. FLOOR SYSTEM: 3" CONCRETE SLAB WITH 6x6, W2.9xW2.9 WIRE MESH ON GALV. 9/16" METAL DECK.
3. IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.
4. ▶— MOMENT CONNECTION, SEE S301.
5. PROVIDE L5x3x3/8 OR L3x3x1/4 AT ALL SLAB EDGES AND OPENINGS

1

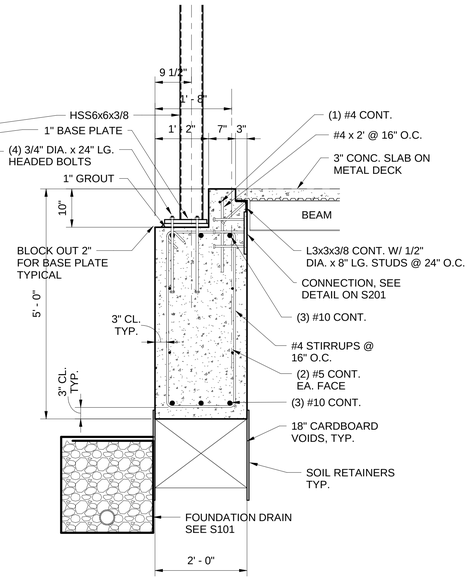


IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

1 S102 TYPICAL AREAWAY DETAIL
3/4" = 1'-0"



HSS6x6 BASE PLATE
3/4" = 1'-0"



IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

2 S102 3/4" = 1'-0"

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Checked: KSM

FOUNDATION AND FIRST FLOOR FRAMING PLAN

RIDGELAND CITY HALL

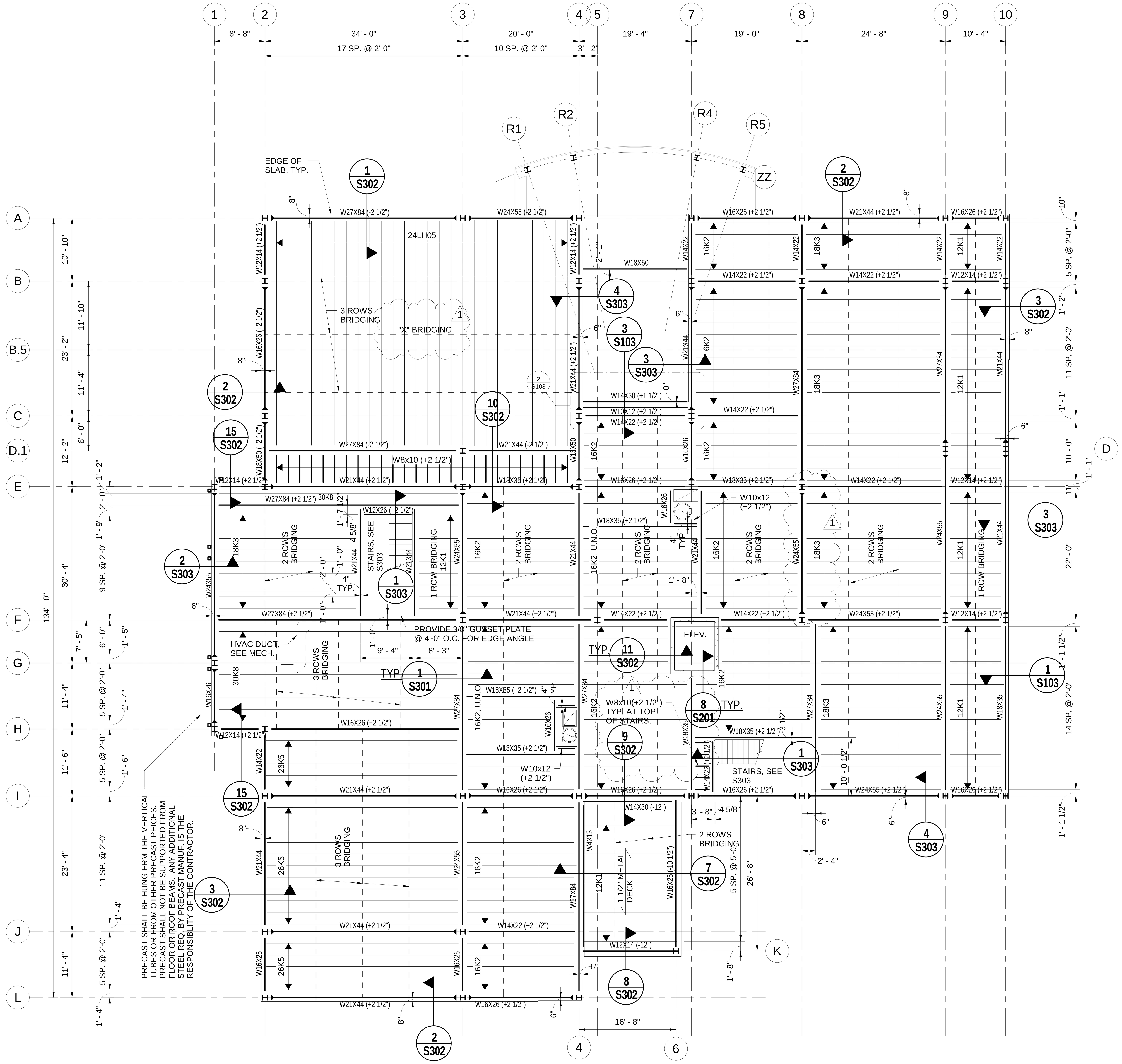
RIDGELAND, MISSISSIPPI

KENNETH SIMMONS MCCRAW — LICENSED PROFESSIONAL ENGINEER — 17760 — 6-18-19 — STATE OF MISSISSIPPI

SE# 15055

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Sheet Number: S102 of Sheets

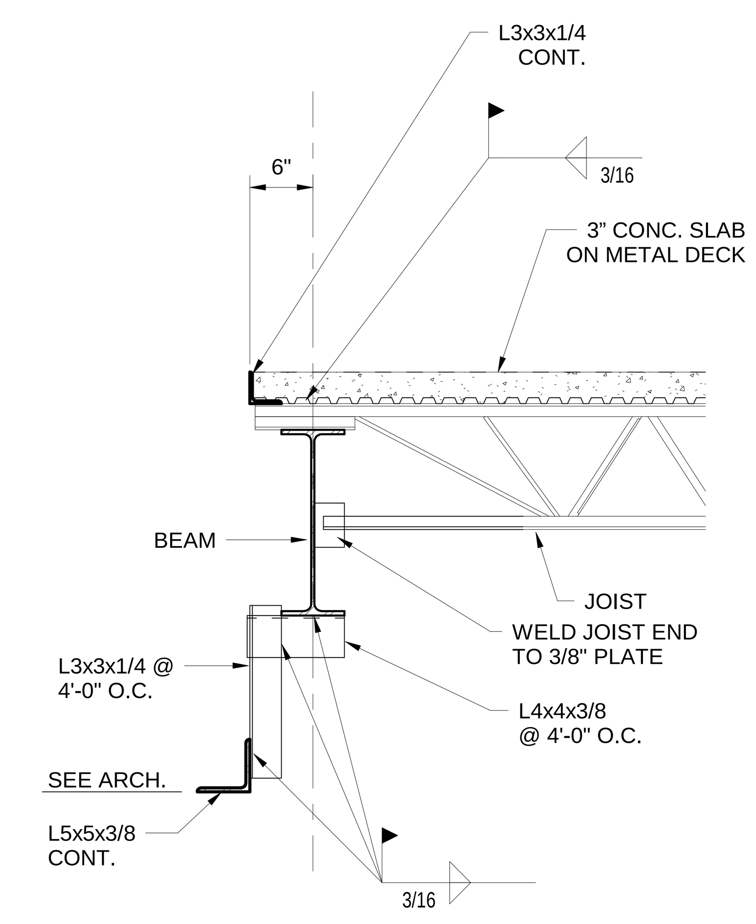


SECOND FLOOR FRAMING PLAN

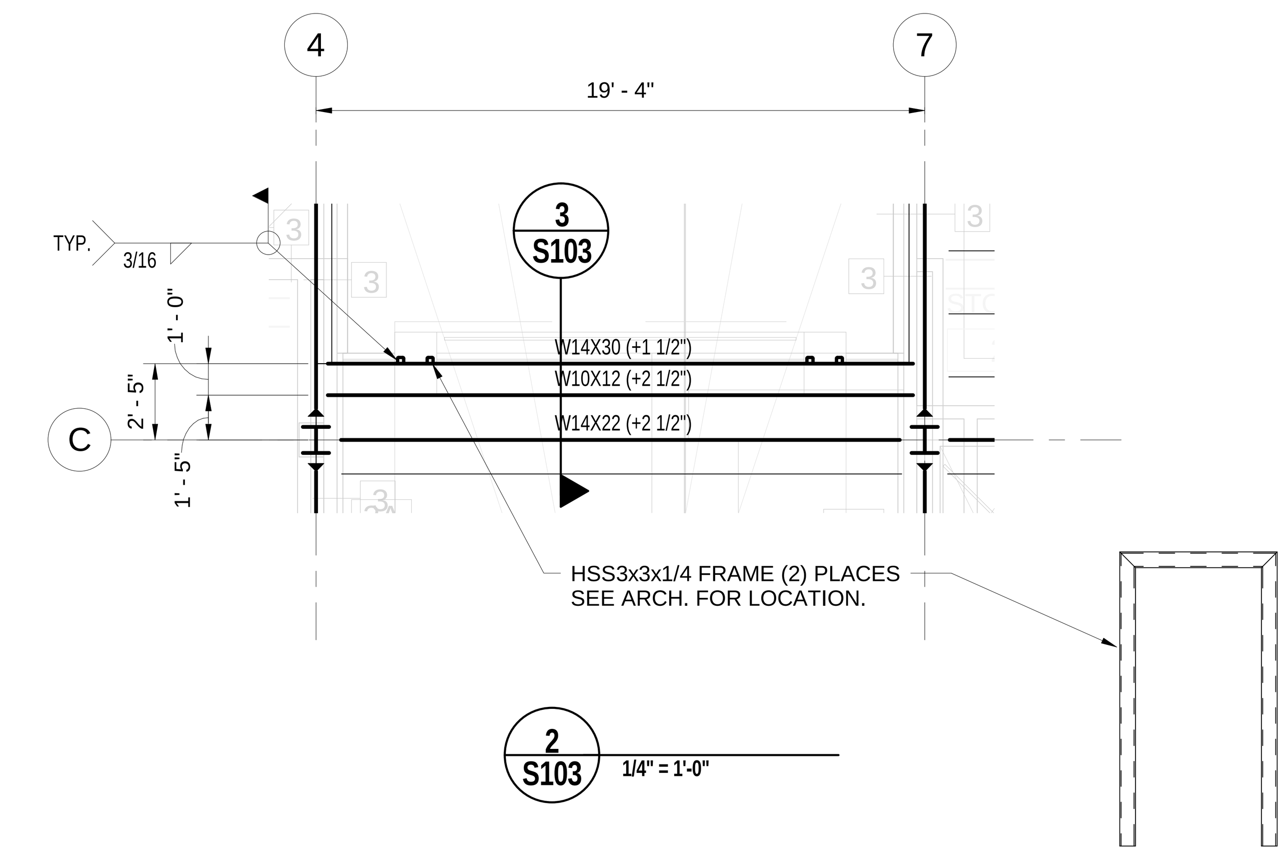
1/8" = 1'-0"

NOTES:

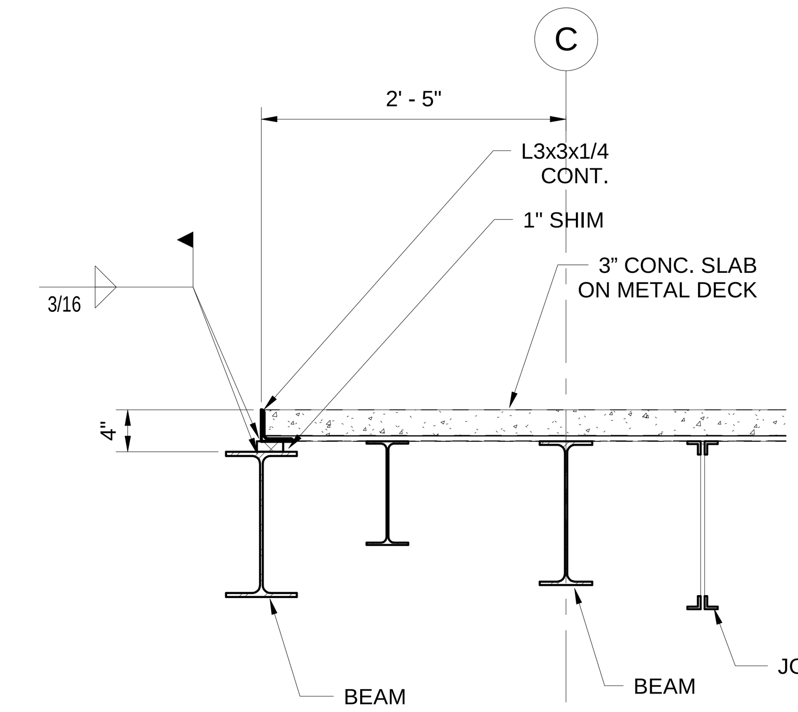
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. FLOOR SYSTEM: 3" CONC. SLAB W/ 6x6 W2.9xW2.9 WIRE MESH ON 9/16" GALV. METAL DECK.
3. PROVIDE L5x3x3/8 OR L3x3x1/4 AT ALL SLAB EDGES AND OPENINGS.
4. ▶— MOMENT CONNECTION, SEE S301.



1 S103 SIMILAR @ ROOF 1" = 1'-0"



2 S103 1/4" = 1'-0"



3 S103 1" = 1'-0"

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RIDGELAND CITY HALL

RIDGELAND, MISSISSIPPI

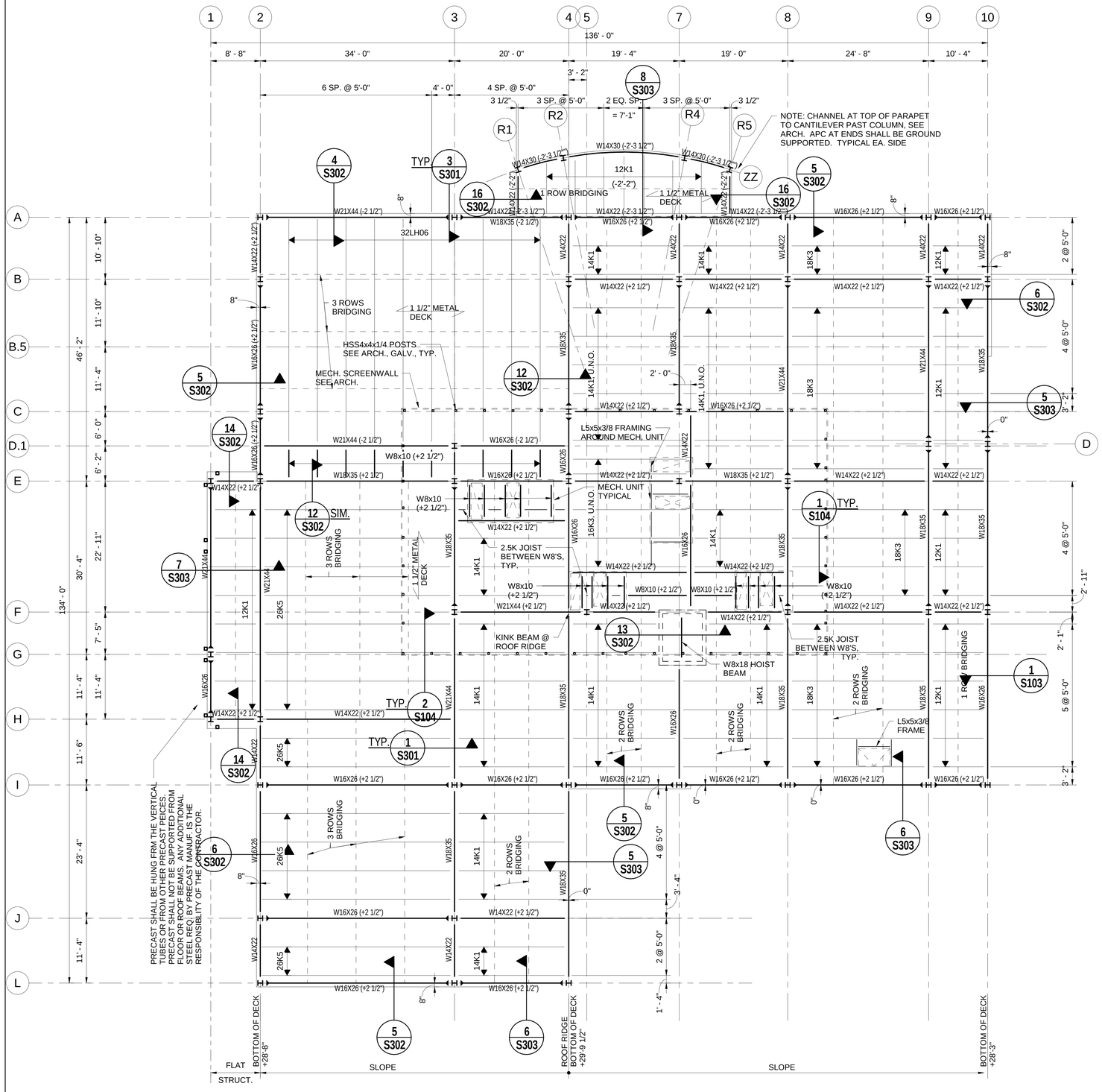
SECOND FLOOR FRAMIN PLAN

KENNETH SIMMONS MCGRATH LICENSED PROFESSIONAL ENGINEER 17092 STATE OF MISSISSIPPI 6-18-19

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Sheet Number : S103

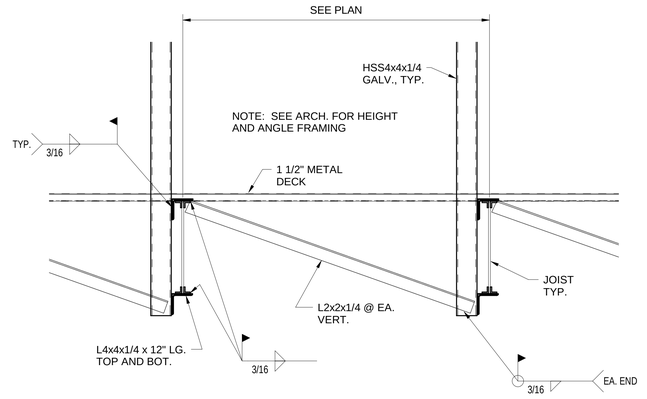
of Sheets



ROOF FRAMING PLAN
1/8" = 1'-0"

NOTES:

1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. ALL ROOF SCREENWALL STEEL SHALL BE GALV.
3. ALL STEEL AT MECHANICAL UNITS SHALL BE COORDINATED WITH MANUFACTURER REQUIREMENTS. ANY ADDITIONAL STEEL IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. PROVIDE L5x3x3/8 OR L3x3x1/4 AT ALL ROOF EDGES AND OPENINGS.
5. ▶— MOMENT CONNECTION, SEE S301.



1 S104 TYPICAL SCREENWALL COLUMN DETAIL
1" = 1'-0"

2 S104 TYPICAL SCREENWALL COLUMN DETAIL
1" = 1'-0"

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ROOF FRAMING PLAN

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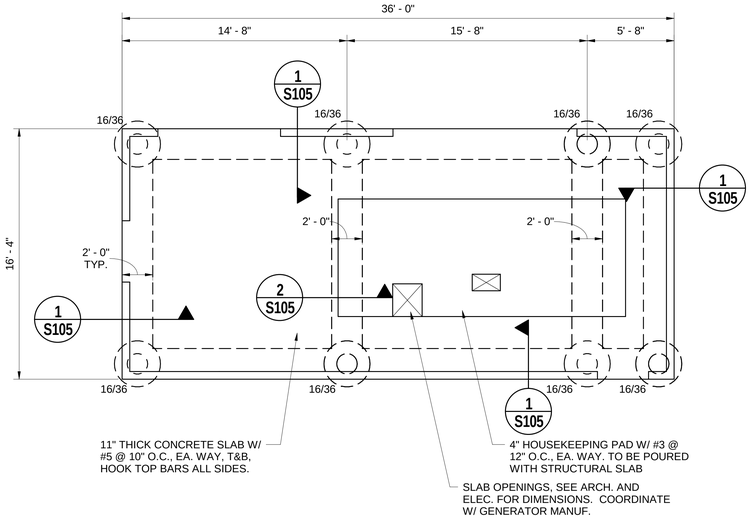
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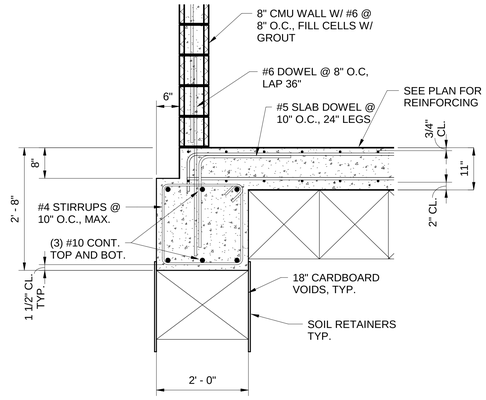
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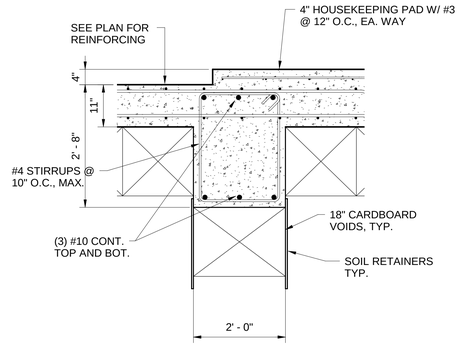
DUMPSTER AND GENERATOR FOUNDATION FRAMING PLAN

1/4" = 1'-0"

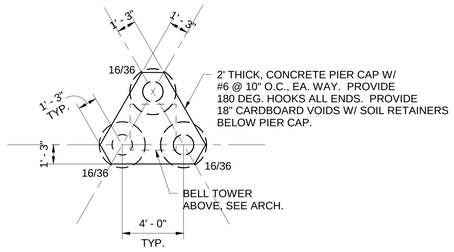
NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. COORDINATE ALL LAYOUT DIMENSIONS WITH ARCHITECT, ELECTRICAL, AND GENERATOR MANUF. REQUIREMENTS.
3. ALL CMU SHALL BE 8" CMU WALLS WITH #6 @ 8" O.C., FILL CELLS WITH GROUT. SEE 1/S105 FOR DOWEL DETAIL.



1 S105 3/4" = 1'-0"



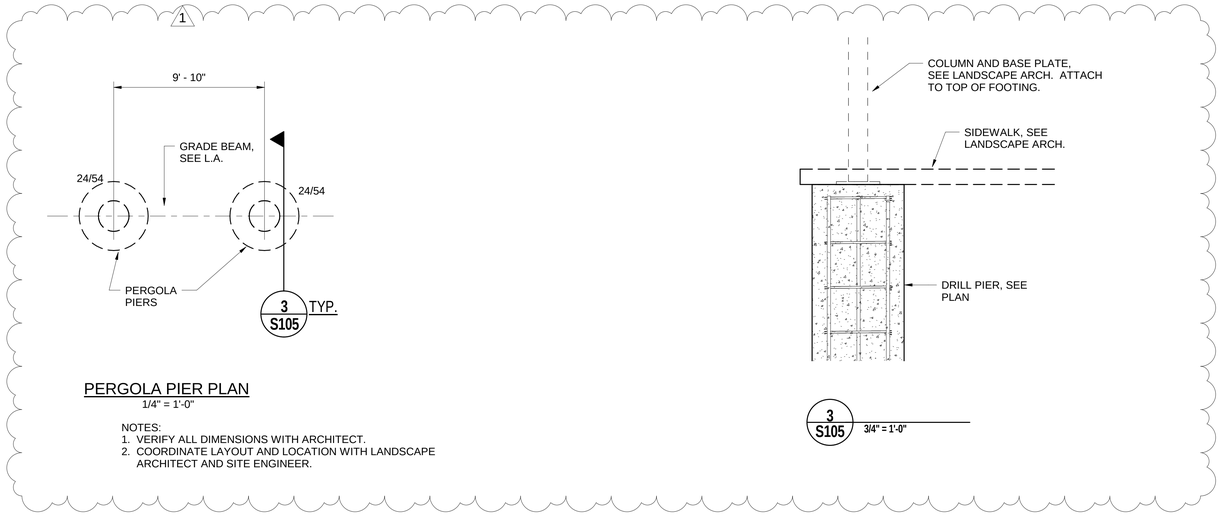
2 S105 3/4" = 1'-0"



BELL TOWER FOUNDATION PLAN

1/4" = 1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. COORDINATE LAYOUT AND LOCATION WITH LANDSCAPE ARCHITECT AND SITE ENGINEER.



PERGOLA PIER PLAN

1/4" = 1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. COORDINATE LAYOUT AND LOCATION WITH LANDSCAPE ARCHITECT AND SITE ENGINEER.

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SITE STRUCTURAL PLANS AND DETAILS

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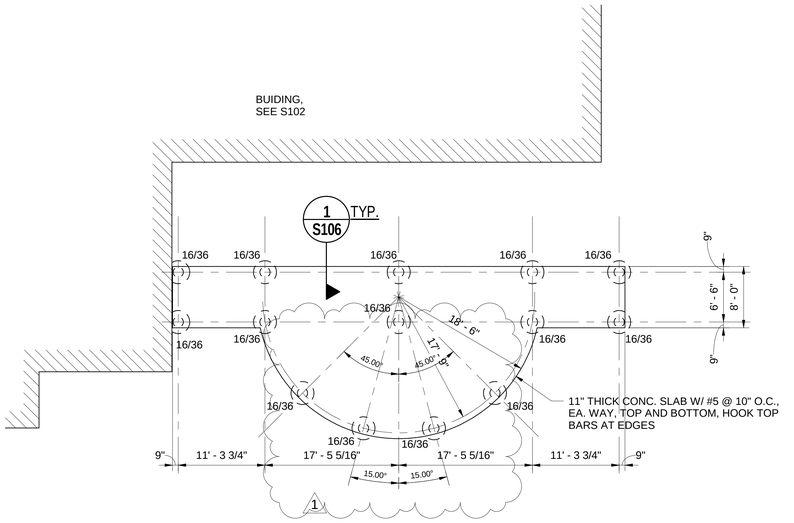
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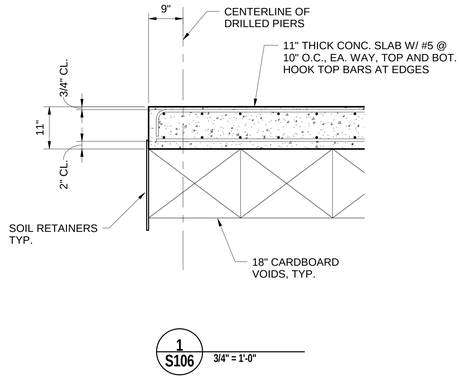
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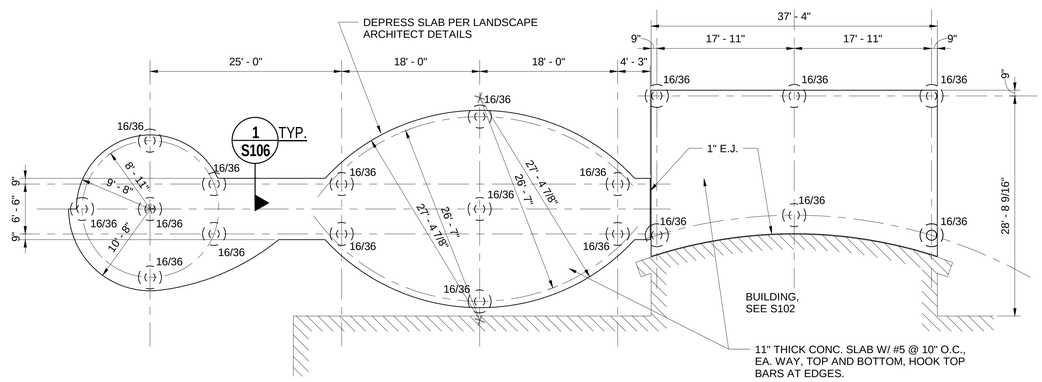


PERGOLA AND PATIO FRAMING PLAN - ALTERNATE #3

1/8" = 1'-0"



NOTES:
1. VERIFY ALL DIMENSIONS W/ ARCHITECT AND LANDSCAPE ARCHITECT.
2. CORDINATE LOCATION W/ LANDSCAPE ARCHITECT.



FRONT WALK AND PLAZA FRAMING PLAN - ALTERNATE #3

1/8" = 1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS W/ ARCHITECT AND LANDSCAPE ARCHITECT.
2. CORDINATE LOCATION W/ LANDSCAPE ARCHITECT.

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ALTERNATE #3 PLANS AND DETAILS

RIDGELAND CITY HALL

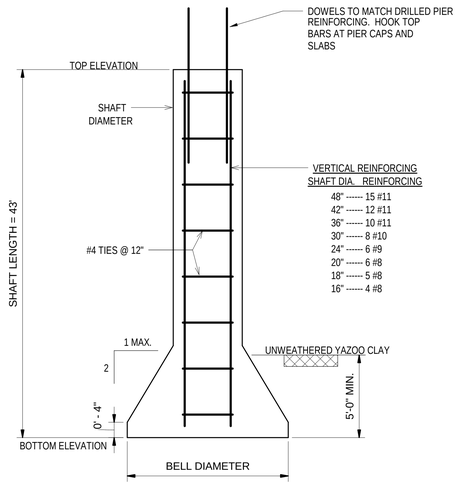
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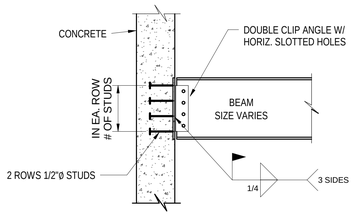


DRILLED PIER DETAIL

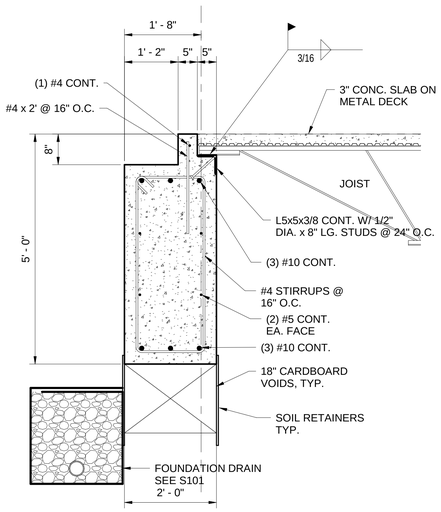
ELEVATIONS SHOWN ON PLANS AND DETAILS

DOUBLE ANGLE BEAM TO CONCRETE CONNECTION TYPICAL UNLESS SHOWN OTHERWISE

BEAM SIZE	NO. OF STUDS IN EA. ROW	PLATE SIZE	STUD LENGTH
W8	2	8"x10"x3/8"	6"
W10	2	10"x10"x3/8"	6"
W12	3	12"x10"x3/8"	6"
W14	3	14"x10"x3/8"	6"
W16	4	16"x10"x1/2"	6"
W18	5	18"x10"x1/2"	6"
W21	6	20"x10"x1/2"	6"
W24	6	24"x10"x4/5"	8"
W27	7	27"x10"x5/8"	8"
W30	8	30"x10"x3/4"	8"
W33	9	33"x10"x3/4"	8"
W36	10	36"x10"x3/4"	8"

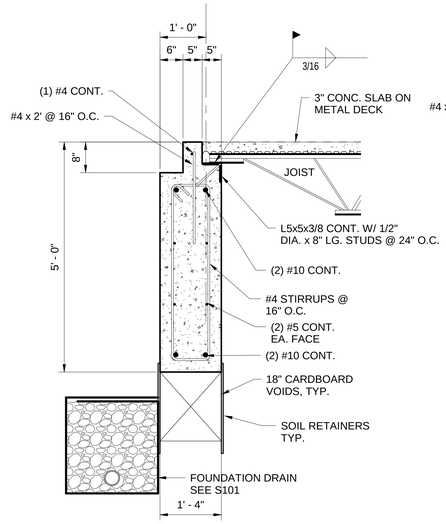


DETAIL



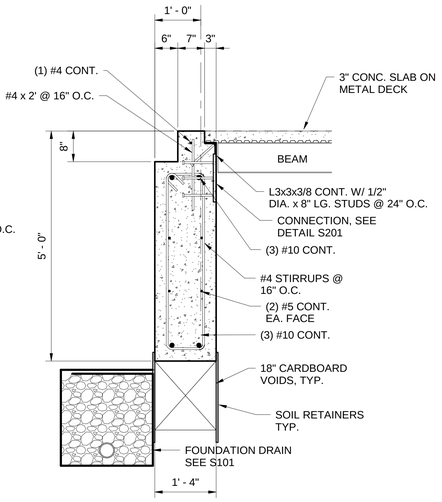
IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

1 S201 3/4" = 1'-0"



IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

2 S201 3/4" = 1'-0"



IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

3 S201 3/4" = 1'-0"

IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

4 S201 3/4" = 1'-0"

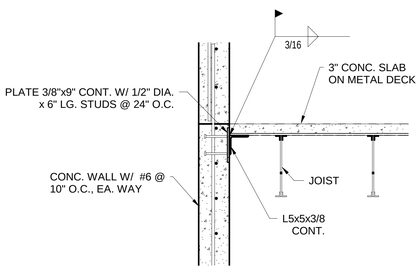
IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

5 S201 3/4" = 1'-0"

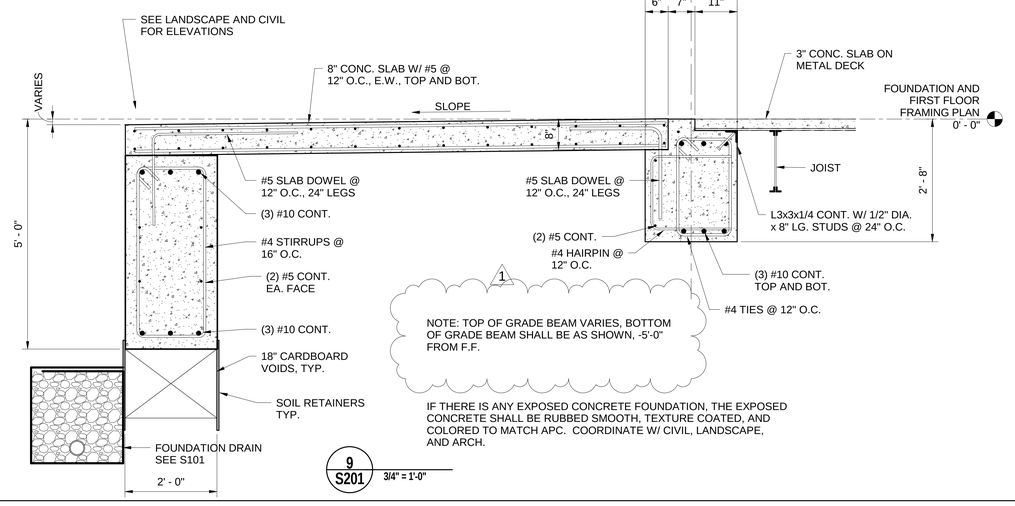
IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

6 S201 3/4" = 1'-0"

7 S201 3/4" = 1'-0"

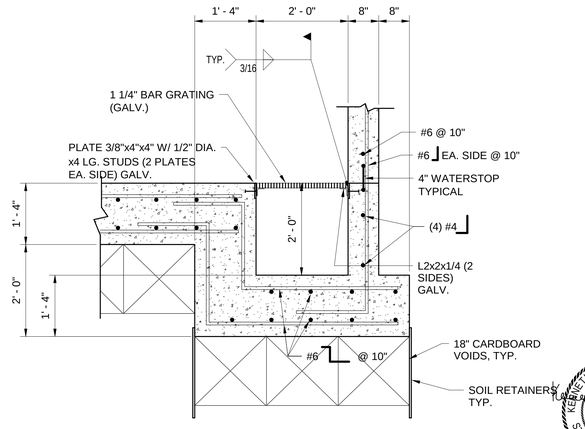


8 S201 3/4" = 1'-0"



IF THERE IS ANY EXPOSED CONCRETE FOUNDATION, THE EXPOSED CONCRETE SHALL BE RUBBED SMOOTH, TEXTURE COATED, AND COLORED TO MATCH APC. COORDINATE W/ CIVIL, LANDSCAPE, AND ARCH.

9 S201 3/4" = 1'-0"



ELEVATOR SUMP DETAIL

SE# 15055

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

KENNETH SIMMONS MISSISSIPPI LICENSED PROFESSIONAL ENGINEER 6-18-19 17092 STATE OF MISSISSIPPI

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Revisions: 1 7-11-19

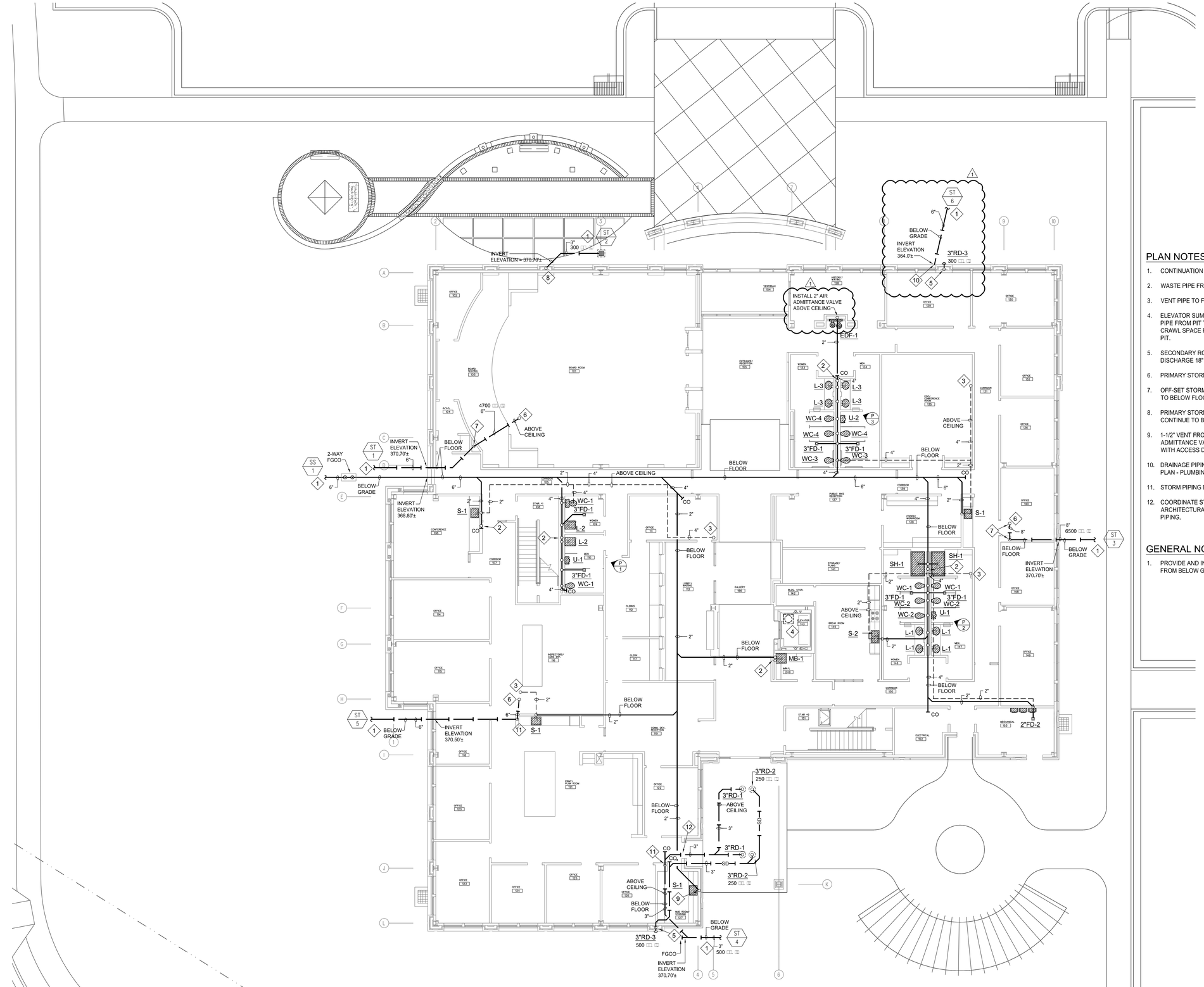
Project No: 14048
Date: 6-20-19
Drawn: KSM
Checked: KSM

RIDGELAND CITY HALL

RIDGELAND, MISSISSIPPI

FOUNDATION DETAILS

Sheet Number: S201 of Sheets



FIRST FLOOR PLAN - WASTE, VENT AND STORM

SCALE 1/8" = 1'-0" F.F.E. = 373.40'

PLAN NOTES:

1. CONTINUATION BY MECHANICAL PRIME. SEE SHEET C2.2.
2. WASTE PIPE FROM FLOOR ABOVE.
3. VENT PIPE TO FLOOR ABOVE.
4. ELEVATOR SUMP PUMP(SEE DETAIL) IN PIT. INSTALL 2" DRAIN PIPE FROM PIT TO STORM PIPING IN CRAWL SPACE. SEE CRAWL SPACE PLAN. COORDINATE PUMP WITH LOCATION OF PIT.
5. SECONDARY ROOF DRAINAGE LEADER FROM FLOOR ABOVE. DISCHARGE 18" ABOVE FINISH GRADE WITH RD-3.
6. PRIMARY STORM DRAINAGE SYSTEM FROM FLOOR ABOVE.
7. OFF-SET STORM PIPING ABOVE CEILING AND DROP IN WALL TO BELOW FLOOR.
8. PRIMARY STORM DRAINAGE SYSTEM FROM FLOOR ABOVE. CONTINUE TO BELOW GRADE.
9. 1-1/2" VENT FROM SINK. CONTINUE TO ABOVE CEILING TO AIR ADMITTANCE VALVE. INSTALL IN ACCESSIBLE LOCATION OR WITH ACCESS DOOR.
10. DRAINAGE PIPING FROM CRAWL SPACE. SEE CRAWL SPACE PLAN - PLUMBING.
11. STORM PIPING DOWN TO BELOW FLOOR.
12. COORDINATE STORM PIPING WITH STRUCTURAL AND ARCHITECTURAL. THIS AREA IS HAS LIMITED SPACE FOR PIPING.

GENERAL NOTES:

1. PROVIDE AND INSTALL LINK SEAL ON ALL PENETRATIONS FROM BELOW GRADE THROUGH CRAWL SPACE WALLS.

1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE
1/4" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE

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PN 14048

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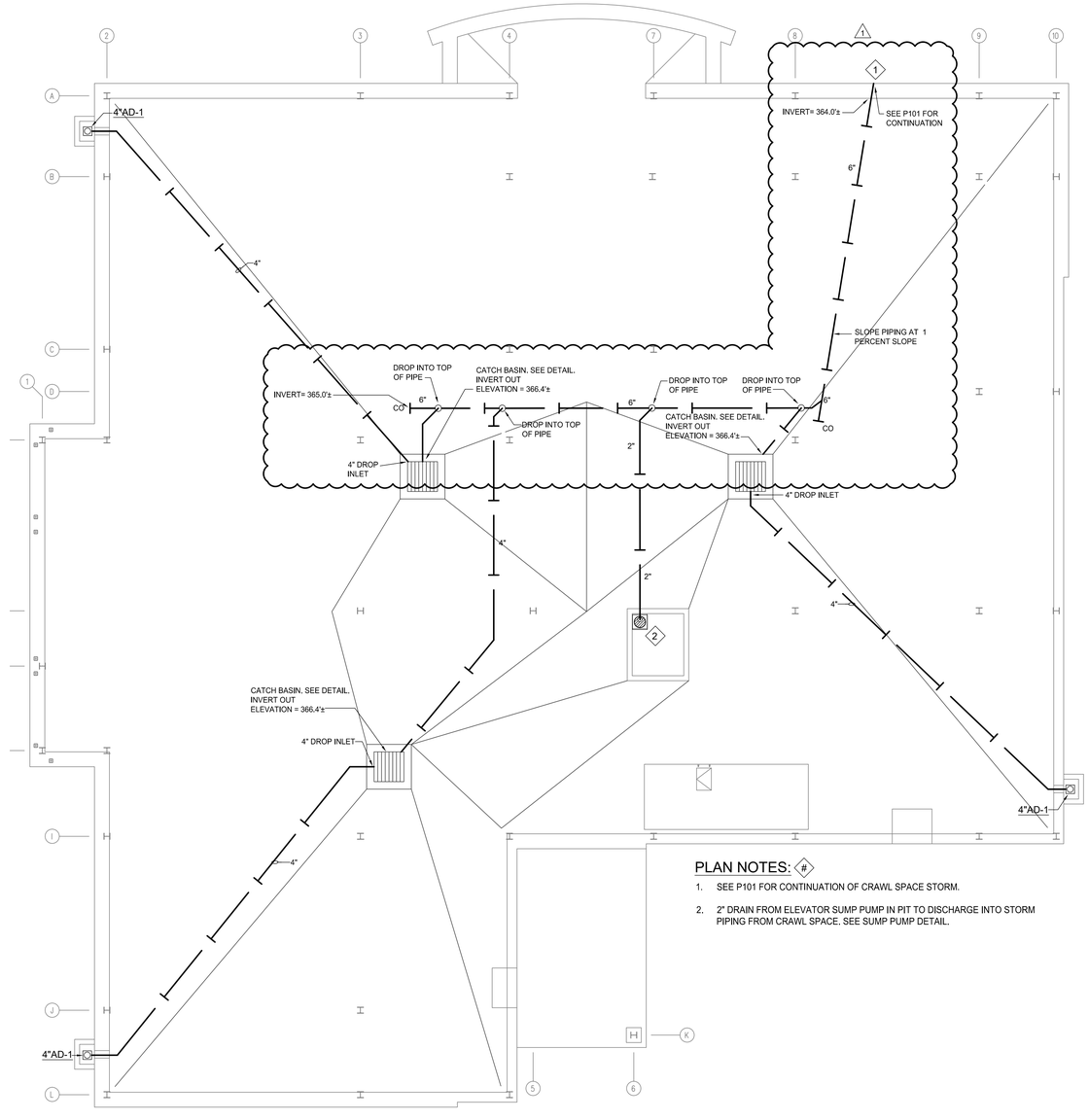
Project No: 14048 Revisions: ADDENDUM #1 - JULY 11, 2019
Date: JUNE 20, 2019
Drawn: CC, CMM
Checked: CM

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : P101

15-58

Engineering Resource Group Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

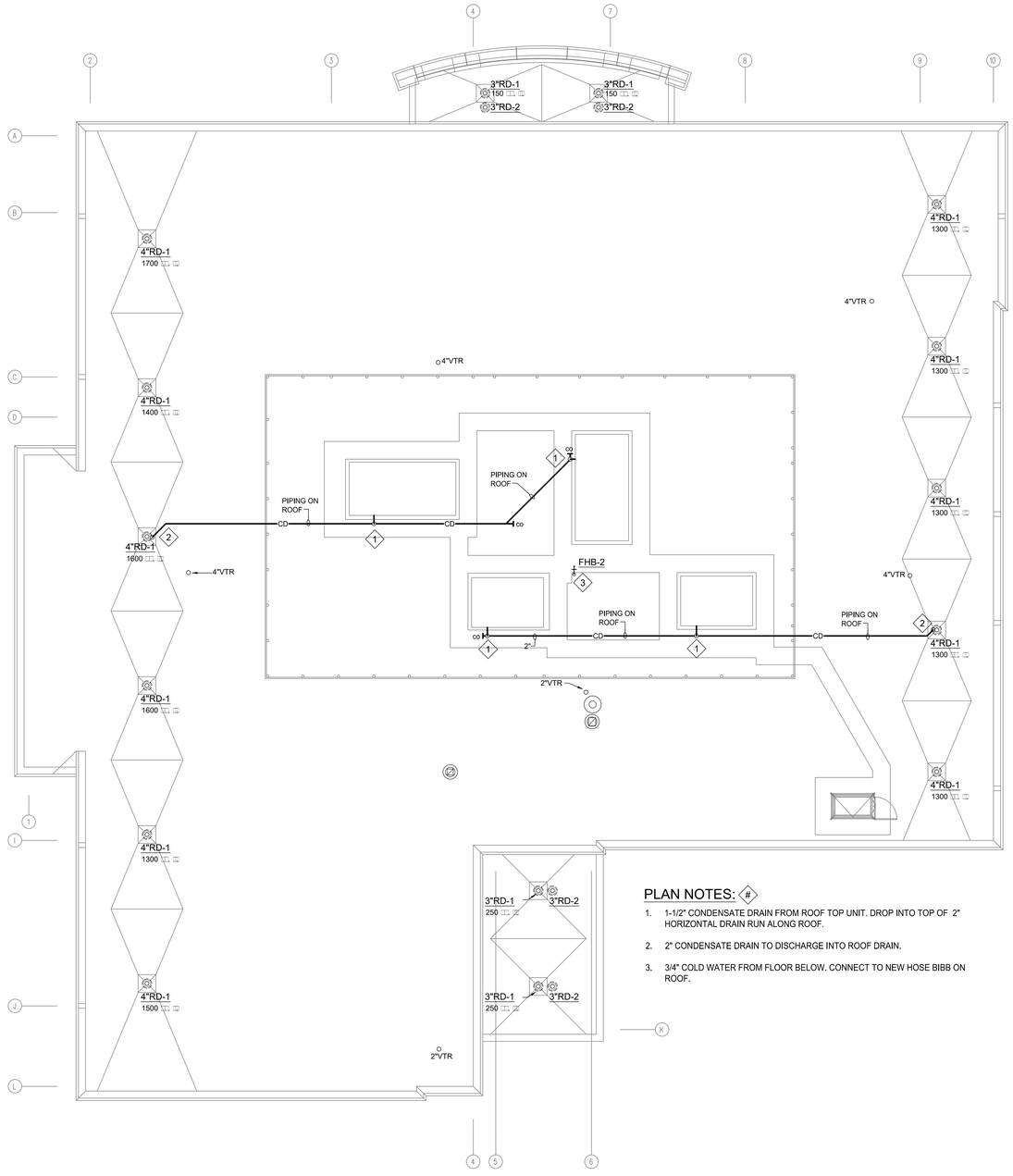


PLAN NOTES:

1. SEE P101 FOR CONTINUATION OF CRAWL SPACE STORM.
2. 2" DRAIN FROM ELEVATOR SUMP PUMP IN PIT TO DISCHARGE INTO STORM PIPING FROM CRAWL SPACE. SEE SUMP PUMP DETAIL.

CRAWL SPACE - DRAINAGE

SCALE 1/8" = 1'-0" F.F.E. = 368.40'



PLAN NOTES:

1. 1-1/2" CONDENSATE DRAIN FROM ROOF TOP UNIT. DROP INTO TOP OF 2" HORIZONTAL DRAIN RUN ALONG ROOF.
2. 2" CONDENSATE DRAIN TO DISCHARGE INTO ROOF DRAIN.
3. 3/4" COLD WATER FROM FLOOR BELOW. CONNECT TO NEW HOSE BIBB ON ROOF.

ROOF PLAN - PLUMBING

SCALE 1/8" = 1'-0"

3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
¼" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

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ADDENDUM #1 - JULY 11, 2019

Project No: 14048 Revisions:
Date: JUNE 20, 2019
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Checked: CM

RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number : P105

15-58

Engineering Resource Group Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

EQUIPMENT POWER CONNECTION SCHEDULE

MARK	EQUIPMENT	V/ø	F.L.A.	K.W.	H.P.	CKT. NO.	CKT. BKR.	BRANCH CIRCUIT	DISC./FUSE	REMARKS
1	T-1.01	277/1	5.4	1.5	–	H1A-1	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
2	T-1.02	480/1	11.5	5.5	–	H1A-3,5	20A/2P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
3	T-1.03	277/1	5.4	1.5	.	H1A-7	15A/1P	2-#12, 1-#12(G), 3/4"C	30/9	1,5
4	T-1.04	277/1	7.2	2.0	–	H1A-9	15A/1P	2-#12, 1-#12(G), 3/4"C	30/9	1,5
5	T-1.05	277/1	7.2	2.0	–	H1A-11	15A/1P	2-#12, 1-#12(G), 3/4"C	30/9	1,5
6	T-1.06	277/1	12.6	3.5	–	H1A-13	20A/1P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
7	T-1.07	277/1	12.6	3.5	–	H1A-15	20A/1P	2-#12, 1-#12(G), 3/4"C	–	1,5
8	T-1.08	277/1	12.6	3.5	–	H1A-17	20A/1P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
9	T-1.09	277/1	7.2	2.0	–	H1A-2	15A/1P	2-#12, 1-#12(G), 3/4"C	30/9	1,5
10	T-1.10	277/1	14.4	4.0	–	H1A-4	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
11	T-1.11	277/1	14.4	4.0	–	H1A-6	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
12	T-1.12	277/1	14.4	4.0	–	H1A-8	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
13	T-1.13	277/1	5.4	1.5	–	H1A-10	15A/1P	2-#12, 1-#12(G), 3/4"C	30A/7	1,5
14	T-1.14	480/1	18.75	9.0	–	H1A-14,16	25A/2P	2-#10, 1-#10(G), 3/4"C	30/NF	1,5
15	T-1.15	277/1	3.6	1.0	–	H1A-12	15A/1P	2-12, 1-#12(G), 3/4"C	30/5	1,5
16	T-2.01	480/1	27	13.0	–	H1E-1,3	35A/2P	2-#8, 1-#10(G), 3.4"C	60/NF	1,5
17	T-2.02	277/1	12.6	3.5	–	H1E-5	20A/1P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
18	T-2.03	277/1	14.4	4.0		H1E-7	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
19	T-2.04	277/1	14.4	4.0	–	H1E-9	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
20	T-2.05	277/1	14.4	4.0	–	H1E-11	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
21	T-2.06	277/1	14.4	4.0	–	H1E-13	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
22	T-2.07	277/1	12.6	3.5	–	H1E-15	20A/1P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
23	T-2.08	277/1	16.2	4.5	–	H1E-17	25A/1P	2-#10, 1-#10(G), 3/4"C	30/20	1,5
24	T-2.09	277/1	14.4	4.0	–	H1E-2	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
25	T-2.10	277/1	7.2	2.0		H1E-4	15A/1P	2-#12, 1-#12(G), 3/4"C	30/9	1,5
26	T-2.11	277/1	12.6	3.5	–	H1E-6	20A/1P	2-#12, 1-312(G), 3/4"C	30/15	1,5
27	T-2.12	277/1	14.4	4.0	–	H1E-8	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
28	T-2.13	277/1	7.2	2.0	–	H1E-10	15A/1P	2-#12, 1-#12(G), 3/4"C	30/9	1,5
29	T-2.14	277/1	9	2.5	–	H1E-12	15A/1P	2-#12, 1-#12(G), 3/4"C	30/12	1,5
30	T-2.15	277/1	5.4	1.5	–	H1E-14	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
31	T-2.16	480/1	13.5	6.5	–	H1E-16,18	20A/2P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
32	T-2.17	277/1	16.2	4.5	–	H1E-20	25A/1P	2-#10, 1-#10(G), 3/4"C	30/20	1,5
33	T-3.01	480/1	13.5	6.5	–	H2A-1,3	20A/2P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
34	T-3.02	277/1	14.4	4.0	–	H2A.5	25A/2P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
35	T-3.03	480/1	13.5	6.5	–	H2A-9,11	20A/2P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
36	T-3.04	277/1	7.2	2.0	–	H2A-13	15A/1P	2-#12, 1-#12(G), 3/4"C	30/9	1,5

EQUIPMENT POWER CONNECTION SCHEDULE

MARK	EQUIPMENT	V/ø	F.L.A.	K.W.	H.P.	CKT. NO.	CKT. BKR.	BRANCH CIRCUIT	DISC./FUSE	REMARKS
37	T-3.05	277/1	7.2	2.0	–	H2A-15	15A/1P	2-#12, 1-#12(G), 3/4"C	30/9	1,5
38	T-3.06	277/1	14.4	4.0	–	H2A-17	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
39	T-3.07	480/1	13.5	6.5	–	–	20A/2P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
40	T-3.08	480/1	13.5	6.5	–	H2A-21,23	20A/2P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
41	T-3.09	277/1	5.4	1.5	–	H2A-2	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
42	T-3.10	277/1	5.4	1.5	–	H2A-4	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
43	T-3.11	480/1	22.9	11.0	–	H2A-6,8	30A/2P	2-#10, 1-#10(G), 3/4"C	30/NF	1,5
44	T-3.12	480/1	25	12.0	–	H2A-10,12	35A/2P	2-#8, 1-#10(G), 3/4"C	60/30	1,5
45	T-4.01	277/1	14.4	4.0	–	H2E-1	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
46	T-4.02	277/1	14.4	4.0	–	H2B-3	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
47	T-4.03	277/1	14.1	4.0	–	H2B-5	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
48	T-4.04	480/1	13.5	6.5	–	H2B-7,9	20A/2P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
49	T-4.05	277/1	5.4	1.5	–	H2B-11	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
50	T-4.06	277/1	5.4	1.5	–	H2B-13	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
51	T-4.07	277/1	12.6	3.5	–	H2B-15	20A/1P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
52	T-4.08	277/1	12.6	3.5	–	H2B-17	20A/1P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
53	T-4.09	277/1	12.6	3.5	–	H2B-2	20A/1P	2-#12, 1-#12(G), 3/4"C	30/15	1,5
54	T-4.10	277/1	5.4	1.5	–	H2B-4	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
55	NOT USED	–	–	–	–	–	–	–	–	–
56	T-4.12	277/1	5.4	1.5	–	H2B-10	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
57	NOT USED	–	–	–	–	–	–	–	–	–
58	T-4.14	277/1	16.2	4.5	–	H2B-12	25A/1P	2-#10, 1-#10(G), 3/4"C	30/20	1,5
59	RTU-1	480/3	36	–	–	MDP-1,3,5	50A/3P	3-#8, 1-#10(G), 3/4"C	60/NF	1,2,4,6
60	RTU-2	480/3	67.2	–	–	EDP-1,3,5	100A/3P	3-#3, 1-#8(G), 1-1/4"C	100/NF	1,2,4,6
61	RTU-3	480/3	67.2	–	–	MDP-2,4,6	100A/3P	3-#3, 1-#8(G), 1-1/4"C	100/NF	1,2,4,6
62	MDP-19,21,23	480/3	36	–	–	EDP-2,4,6	50A/3P	3-#8, 1-#10(G), 3/4"C	60/NF	1,2,4,6
63	DSS-1 OUTDOOR	208/1	18	–	–	L2E-2,4	30A/2P	2-#10, 1-#10(G), 3/4"C	30/NF	1,2,4,6,9
64	RE-CIRC PUMP RP-1	120/1	16	–	1	L1E-33	30A/1P	2-#10, 1-#10(G), 3/4"C	30/25	1,7
65	RE-CIRC PUMP RP-2	120/1	13.8	–	3/4	L1E-35	25A/1P	2-#10, 1-#10(G), 3/4"C	30/NF	1,7
66	T-1.16	277/1	5.4	1.5	–	–	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
67	T-3.13	277/1	14.4	4.0	–	H2A-14	20A/1P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
68	T-3.14	277/1	5.4	1.5	–	H2A-16	15A/1P	2-#12, 1-#12(G), 3/4"C	30/7	1,5
69	T-4.15	277/1	16.2	4.5	–	H2E-6,8	25A/2P	2-#10, 1-#10(G), 3/4"C	30/20	1,5
70	DSS-2 OUTDOOR	20/1	18	–	–	L2E-4,6	30A2P	2-#10, 1-#10(G), 3/4"C	30/NF	1,2,4,6,9
71	DSS-3 OUTDOOR	208/1	26	–	–	L2E-8,10	40A/2P	2-#8, 1-#10(G), 3/4"C	60/NF	1,2,4,6
72	DSS-3 INDOOR	208/1	4.5	–	–	–	15A/2P	2-#12, 1-#12(G), 3/4"C	30/NF	1,5
73	ELEVATOR	480/3	–	–	30	EDP-20,22,24	80A/3P	3-#4, 1-#8(G), 1"C	100/NF	1,7,10
–	–	–	–	–	–	–	–	–	–	–

EQUIPMENT POWER CONNECTION REMARKS:

1.	FINAL CONNECTION USING FLEXIBLE CONDUIT	6.	UNIT ON ROOF.
2.	FINAL CONNECTION USING LIQUID TIGHT CONDUIT.	7.	WALL MOUNTED.
3.	INSTALL MAGNETIC STARTER AND DISCONNECT SWITCH ADJACENT TO AND CONNECT THROUGH MAGNETIC STARTER FURNISHED UNDER DIV. 15	8.	DISCONNECT INTEGRAL WITH UNIT.
4.	RAINTIGHT DISCONNECT SWITCH.	9.	INDOOR UNITS SHALL BE SERVED FROM OUTDOOR UNITS
5.	MOUNT ABOVE CEILING.	10.	SEE ELEVATOR NOTES BELOW.

TYPICAL ELEVATOR NOTES:

1. MAIN CONNECTION TO TERMINALS OF ELEVATOR CONTROLLER SHALL BE THROUGH A BRANCH CIRCUIT PROTECTIVE DEVICE (BCPD) IN THE FORM OF A FUSED DISCONNECT SWITCH OR A 3 POLE CIRCUIT BREAKER, IN NEMA 1 ENCLOSURE, LOCK-OUT TYPE, NOT AUTOMATICALLY OPENED BY FIRE ALARM SYSTEM. THE BCPD SHALL BE VISIBLE FROM THE CONTROLLER (IF THE BUILDING IS SPRINKLED, SEE NOTE 7). NON-FLEXIBLE CONDUIT SHALL BE PROVIDED AND SHALL NOT BE USED AS THE GROUNDING SYSTEM. BREAKER SERVING ELEVATOR CONTROLLER SHALL BE GFI TYPE.
2. PROVIDE A SEPARATE BRANCH CIRCUIT FOR CAR LIGHTS, RECEPTACLE(S), AUXILIARY LIGHTING POWER SOURCE AND VENTILATION ON EACH ELEVATOR CAR. IN ADDITION PROVIDE A DEDICATED BRANCH CIRCUIT FOR CAR AIR CONDITION AND HEATING UNITS ON EACH CAR. THE OVERCURRENT DEVICE PROTECTING EACH OF THE AFOREMENTIONED BRANCH CIRCUITS SHALL BE LOCATED IN THE ELEVATOR EQUIPMENT ROOM SERVING THE ELEVATOR. COORDINATE EQUIPMENT INSTALLATIONS WITH THE ELEVATOR CONTRACTOR.
3. PROVIDE GFI RECEPTACLE IN ELEVATOR EQUIPMENT ROOM.
4. PROVIDE TELEPHONE OUTLET IN ELEVATOR EQUIPMENT ROOM.
5. SMOKE DETECTORS SHALL BE IN ALL ELEVATOR LOBBIES AND MACHINE ROOM (SMOKE DETECTORS SHALL NOT BE SELF-RESETTING). PROVIDE A THERMAL DETECTOR IN MACHINE ROOM CONNECTED PER NOTE #7. PROVIDE A HEAT AND SMOKE DETECTOR IN ELEVATOR PIT(S)
6. ELEVATOR PIT SHALL HAVE GUARDED PIT LIGHT WITH SWITCH ADJACENT TO PIT LADDER, AND 120 VOLT NON-GFI RECEPTACLE. THESE DEVICES SHALL BE LOCATED ACCORDING TO THE ELEVATOR CONTRACTOR.
7. IF THE BUILDING IS SPRINKLED, FOR A BCPD USE A 4 POLE FUSED DISCONNECT SWITCH IN NEMA 1 ENCLOSURE. THE 4TH POLE TELLS THE ELEVATOR CONTROLLER THAT THERE HAS NOT BEEN A POWER FAILURE, JUST THAT POWER HAS BEEN DISCONNECTED. THE BCPD SHALL BE FURNISHED WITH TWO CONTACTORS, ONE (1) NORMALLY OPEN AND ONE (1) NORMALLY CLOSED. THE BCPD SHALL BE VISIBLE FROM THE CONTROLLER. PROVIDE THERMAL DETECTOR IN THE ELEVATOR EQUIPMENT ROOM WITH CONTROL WIRING TO AUTOMATICALLY DISCONNECT POWER SUPPLY PRIOR TO APPLICATION OF WATER IN THE HOISTWAY OR THE ELEVATOR EQUIPMENT ROOM. THIS DEVICE SHALL NOT BE SELF-RESETTING.
8. FOR ELEVATORS TO OPERATE ON EMERGENCY POWER, PROVIDE 3-#14 WIRES FROM AUTOMATIC TRANSFER SWITCH AUXILIARY DRY CONTACTS TO THE TERMINALS OF ELEVATOR CONTROLLER THROUGH THE BCPD.
9. PROVIDE SHUNT TRIP DEVICE ON EACH ELEVATOR DISCONNECT.

LIGHT FIXTURE SCHEDULE

SYMBOL	VOLTS	WATTS/LAMPS	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	MOUNTING
A	277	53W/ LED – –	2X4 LED ARCHITECTURAL TROFFER, 6000 LUMENS, 4000K LED'S, 0-10V DIMMING	LITHONIA	2BLT4-60L-ADP-EZ1-LP840 – –	LAY IN – –
B	277	34W/ LED –	2X4 LED ARCHITECTURAL TROFFER, 4000 LUMENS, 4000K LED'S, 0-10V DIMMING	LITHONIA	2BLT4-40L-ADP-EZ1-LP840 –	LAY IN –
C	277	54W/ LED – –	4' LED, 6000 LUMEN, WRAPAROUND	LITHONIA	STL4-60L-EZ1-LP840 – –	SURFACE – –
D	277	65W – –	4' STRIP LIGHT WITH DIFFUSE LENS, 8000 LUMENS, 4000K LEDS	LITHONIA	2LW-L48-6005LM-40K-EBT – –	CEILING/ SUSPENDED – –
E	277	LED – – –	6" LED DOWNLIGHT, 600 LUMENS/ 4000K LEDS	LITHONIA	LDN6 40/06 L06AR – –	RECESSED – –
E2	277	8.5W/ LED – –	4" LED DOWNLIGHT, 500 LUMENS/ 4000K LEDS	LITHONIA	LDN4 40/05 L04AR – –	RECESSED – –
F	277	LED – – –	6" LED DOWNLIGHT, 1000 LUMENS/ 4000K LEDS	LITHONIA	LDN6 40/10 L06AR – –	RECESSED – –
G	277	LED – – –	6" LED DOWNLIGHT, 1500 LUMENS/ 4000K LEDS	LITHONIA	LDN6 40/15 L06AR – –	RECESSED – –
H	277	LED – – –	6" LED DOWNLIGHT, 2000 LUMENS/ 4000K LEDS	LITHONIA	LDN6 40/20 L06AR – –	RECESSED – –
J1	277	150W/ 16K LUMEN LED	SURFACE MOUNT LINEAR SLOT MOUNTED REGRESSED IN ARCHITECTURAL CEILING (SEE ARCH. ELEVATIONS AT LOBBY)	MARK	S4LS-LLP-15FT-MSL8-80CRI-40K-1000LMF-MIN1-MVOLT-WHT-ZT	SEE ARCHITECTURAL SECTION OF LOBBY –
J2	277	62W/ 7200 LUMEN LED	SURFACE MOUNT LINEAR SLOT MOUNTED REGRESSED IN ARCHITECTURAL CEILING (SEE ARCH. ELEVATIONS AT LOBBY)	MARK	S4LS-LLP-15FT-MSL8-80CRI-40K-400LMF-MIN1-MVOLT-WHT-ZT	SEE ARCHITECTURAL SECTION OF LOBBY –
K	277	30W/ LED – –	2X2 LED ARCHITECTURAL TROFFER, 3300 LUMENS, 4000K LED'S, 0-10V DIMMING	LITHONIA	2BLT2-33L-ADP-EZ1-LP840 – –	LAY IN – –
L	277	LED – – –	DECORATIVE SUSPENSION LAMP WITH DIFFUSED, DIRECT AND INDIRECT LIGHT. CONTRACTOR SHALL PROVIDE AN ALLOWANCE OF $5000.00 FOR FIXTURE.	–	– – –	SUSPENDED – –
M	277	19W/ LED –	DECORATIVE LED WALL BRACKET, 4' LENGTH, 1800 LUMENS, 4000K LED'S, WHITE FINISH.	PEERLESS	"ORIGAMI" OR3W1-LO-4FT-R4-277-1SE-SCT-EZB-LP840-C210	ARCHITECTURAL ELEVATION –
N	277	40W/ LED –	STAIR FIXTURE, 4' LENGTH, WALL MOUNT, 4000 LUMEN, 4000K LED'S, INTEGRAL PIR SENSOR, 50% DIMMING WHEN SPACE IS UNOCCUPIED.	LITHONIA	WL4-40L-LP840-N100EMG-NES7-DIM50 –	CENTERLINE 8'0" A.F.F. OR LANDING –
O	277	12W/ LED –	DECORATIVE LED SCONCE, ADA DEPTH, FINISH SELECTED BY ARCHITECT. –	BOYD	"MIAMI" 10530-277-* – –	ARCHITECTURAL ELEVATION –
P	277	7W/ LED –	DECORATIVE LED SCONCE, ADA DEPTH, FINISH SELECTED BY ARCHITECT. –	BOYD	"MIAMICITA" 10531-277-* – –	ARCHITECTURAL ELEVATION –
Q	277	19W/ LED –	6" SQUARE LED DOWNLIGHT, APERTURE/TRIM COLOR SELECTED BY ARCHITECT, 4000K LED'S, 1500 LUMENS –	GOTHAM	EVO SQ-40/15-6*-LSS-MVOLT – –	RECESSED – –
R	277	63W/ LED –	SUSPENDED LED QUAD PENDANT, FINISH SELECTED BY ARCHITECT, 4000K LED'S, 6900 LUMENS, 60% UPLIGHT, 40% DOWNLIGHT, 0-10V DIMMING.	PEERLESS	"VELLUM" VMMQP-HI-277-SCT-EZB-LP840-FIC-24-* –	SUSPENDED – –
S	277	24W/ LED –	4" WIDTH WALL WASHER, 4' LENGTH, DIMMING TO 1%, 4000K LED'S, 2400 LUMENS, FLANGE TYPE FOR SHEETROCK CEILING.	MARK	SL4L-LOP-4FT-RLP-FL-80CRI-40K-600LMF-WW-MIN1-ZT-277 –	RECESSED – –
T	277	32W/ LED –	4" WIDTH LINEAR LED TROFFER, 4' LENGTH, DIMMING TO 1%, 4000K LED'S, 3200 LUMENS, LAT CEILING.	MARK	SL4L-LOP-4FT-RLP-TG-80CRI-40K-800LMF-MIN1-ZT-277 –	RECESSED – –
U	277	54W/ LED –	SUSPENDED LED PENDANT, 4' LENGTH, FINISH SELECTED BY ARCHITECT, 4000K LED'S, 5400 LUMENS, 60% UPLIGHT, 40% DOWNLIGHT, 0-10V DIMMING.	PEERLESS	"VELLUM" VMM9-HI-4FT-R4-277-SCT-EZB-LP840-F2-24-* –	SUSPENDED – –
V	120	4-40W HALOGEN –	DECORATIVE PENDANT FIXTURE WITH (4) SUSPENDED G9 HALOGEN LAMPS IN CLEAR GLASS GLOBES.	AUGE	ZLT399982 –	SUSPENDED – –
W	120	15W/ LED – –	ELEVATOR PIT LIGHT WITH GLOBE AND GUARD, 600 LUMENS, 4000K LED'S.	LITHONIA	OLVTWM – –	ELEVATOR PIT – –
Y	277	85W/ LED –	LED PENDANT, CENTER SUSPENSION POINT, 4000K LED'S, 6300 LUMENS	G LIGHTING	GL-2651-6LED40 – –	SUSPENDED – –
Z1	277	LED – –	4' ADJUSTABLE COVE LIGHT – –	ECOSENSE	SCD-M-48-40-MULT – –	SURFACE IN COVE – –
Z2	120	11.6W/ LED –	4' LINEAR VANITY SCONE – –	OXYGEN	37-559-24 (COLOR BY ARCHITECT) –	WALL BETWEEN MIRROR. SEE ARCH. ELEVATIONS
SL1A	277	163W/ 19K LUMEN LED	SINGLE HEAD LED AREA LIGHT, 4000K LEDS	LITHONIA	DSX1-LED-P6-40K-T4M-MVOLT-SPA-BLK –	25' POLE/36"T BASE POLE LITHONIA #SSS-25-4C-DM19AS-DBLXD
SL1B	277	326W/ 19K LUMEN LED	DUAL HEAD LED AREA LIGHT, 4000K LEDS	LITHONIA	DSX1-LED-P6-40K-T4M-MVOLT-SPA-BLK –	25' POLE/36"T BASE POLE LITHONIA #SSS-25-4C-DM28AS-DBLXD
SL2	277	45W/ LED –	UP/DOWN WALL PACK CYLINDER	REBELLE	7100LR-1X12L/1X23L-40K-277-SP-SP –	WALL – –
SL3	277	32W/ LED –	UP/DOWN WALL PACK CYLINDER	REBELLE	7100LR-2X16L-40K-277-SP-SP –	WALL – –
SL4	480	97.9W LED –	DECORATIVE LED ACORN WITH TYPE 5 DISTRIBUTION AND INTEGRAL TRANSFORMER AND WEATHERPROOF RECEPTACLE	STERNBURG	PT-G74LED-5P-4L40T5-MDL06-G/5214FP5-.188-GFI IB/BK	POLE – –
SL5	120	14W BR30 –	R30 LED LANDSCAPE BULLET LIGHT – –	MOON VISIONS	BR30-120V-USR30-TM-BZT LEDMV-120V-R30-14W-3500' FL-OSL	KNUCKLE – –
FL	120	LED – –	LED FLAG POLE LIGHT – –	HYDREL	8100LED-P3-NFL – –	KNUCKLE – –
X1	277	LED – –	SINGLE FACE LED EXIT WITH KNOCKOUT DIRECTIONAL CHEVRONS TO BE REMOVED AS SHOWN ON PLANS. –	LITHONIA	LQM S W 3 R 120/277 – –	UNIVERSAL – –
X2	277	LED – –	DOUBLE FACE LED EXIT WITH KNOCKOUT DIRECTIONAL CHEVRONS TO BE REMOVED AS SHOWN ON PLANS –	LITHONIA	LQM S W 3 R 120/277 – –	UNIVERSAL – –

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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

Sheet Number: E0.2

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RIDGELAND CITY HALL
RIDGELAND, MS
PN 14048

PANEL NAME: MDP | SIZE: 800A | KAIC RATING: 30 KAIC
VOLTAGE: 277/480V, 3ø, 4W | MAIN BKR.: 800A | CONNECTED: 749 AMPS
MOUNTING: SURFACE | LOCATION: SEE PLANS | DEMAND: 620 AMPS

CIR. NO.	LOAD	BREAKER AMPS/POLES	LOAD kVA/PHASE A	B	C	BREAKER AMPS/POLES	LOAD	CIR. NO.
1	RTU-1	50A/3P	9.9 / 18.6			100A/3P	RTU-3	2
3	I	I		9.9 / 18.6		I	I	4
5	I	I			9.9 / 18.6	I	I	6
7	ATS – EDP	400A/3P	94.7 / 17.5			100A/3P	PANEL H1A	8
9	I	I		97.46 / 18.25		I	I	10
11	I	I			85.48 / 14.75	I	I	12
13	PANEL H1B	70A/3P	6.83 / 41.05			125A/3P	PANEL H2A	14
15	I	I		7.28 / 35.98		I	I	16
17	I	I			8.48 / 41.0	I	I	18
19	RTU-4	50A/3P	9.9 / 12.64			60A/3P	PANEL L1A	20
21	I	I		9.9 / 12.26		I	30 KVA XFRMER	22
23	I	I			9.9 / 13.4	I	I	24
25	SPACE		--- / ---				SPACE	26
27	SPACE			--- / ---			SPACE	28
29	SPACE				--- / ---		SPACE	30
31	SPACE		--- / ---				SPACE	32
33	SPACE			--- / ---			SPACE	34
35	SPACE				--- / ---		SPACE	36
37	SPACE		--- / ---			100A/3P	SPD	38
39	SPACE			--- / ---		I	I	40
41	SPACE				--- / ---	I	I	42
TOTAL KVA. PER ø			211.12	209.63	199.51			

	CONNECTED KVA	DIVERSITY	DEMAND KVA	CONNECTED AMPS	DEMAND AMPS
PANEL H1A	50.45	–	40.4	–	–
PANEL H1B	22.59	–	22.59	–	–
A/C	115.2	–	115.2	–	–
PANEL H2A	118.03	–	86.98	–	–
PANEL L1A	38.8	–	24.4	–	–
ATS – PANEL EDP	277.64	–	225.28	–	–
TOTAL LOAD	622.76	–	514.85	749	620

PANEL NAME: H1A | SIZE: 100A | KAIC RATING: 24 KAIC
VOLTAGE: 277/480V, 3ø, 4W | MAIN BKR.: MLO | CONNECTED: 60 AMPS
MOUNTING: SURFACE | LOCATION: SEE PLANS | DEMAND: 60 AMPS

CIR. NO.	LOAD	BREAKER AMPS/POLES	LOAD kVA/PHASE A	B	C	BREAKER AMPS/POLES	LOAD	CIR. NO.
1	T-1.01	15A/1P	1.5 / 2.0			15A/1P	T-1.09	2
3	T-1.02	20A/2P		2.75 / 4.0		20A/1P	T-1.10	4
5	I	I			2.75 / 4.0	20A/1P	T-1.11	6
7	T-1.03	15A/1P	2.0 / 4.0			20A/1P	T-1.12	8
9	T-1.04	15A/1P		2.0 / 1.5		15A/1P	T-1.13	10
11	T-1.05	15A/1P			2.0 / 1.0	15A/1P	T-1.15	12
13	T-1.06	20A/1P	3.5 / 4.5			25A/2P	T-1.14	14
15	T-1.07	20A/1P		3.5 / 4.5		I	I	16
17	T-1.08	20A/1P			3.5 / 1.5	15A/1P	T-1.16	18
19	SPACE		--- / ---			20A/1P	SPARE	20
21	SPACE			--- / ---		20A/1P	SPARE	22
23	SPACE				--- / ---	20A/1P	SPARE	24
25	SPACE		--- / ---			60A/3P	SPD	26
27	SPACE			--- / ---		I	I	28
29	SPACE				--- / ---	I	I	30
TOTAL KVA. PER ø			17.5	18.25	14.75			

	CONNECTED KVA	DIVERSITY	DEMAND KVA	CONNECTED AMPS	DEMAND AMPS
LIGHTS	–	–	–	–	–
RECEPTACLES	–	–	–	–	–
A/C	–	–	–	–	–
ELECTRIC HEAT	50.5	.8	40.4	–	–
KITCHEN EQUIPMENT	–	–	–	–	–
MISCELLANEOUS LOAD	–	–	–	–	–
TOTAL LOAD	50.5	–	40.4	61	49

PANEL NAME: H1B | SIZE: 100 AMP (70A FEEDER BKR.) | KAIC RATING:
VOLTAGE: 277/480V, 3ø,4W | MAIN BKR.: MLO | CONNECTED: 27 AMPS
MOUNTING: SURFACE | LOCATION: SEE PLANS | DEMAND: 27 AMPS

CIR. NO.	LOAD	BREAKER AMPS/POLES	LOAD kVA/PHASE A	B	C	BREAKER AMPS/POLES	LOAD	CIR. NO.
1	SPARE	20A/1P	--- / 1.13			20A/1P	LIGHTS-BLDG. EXT.	2
3	LIGHTS-EAST	20A/1P		1.23 / .9		20A/1P	LIGHTS-PARKING	4
5	LIGHTS-EAST	20A/1P			.8 / .34	20A/2P	LIGHTS-PLAZA	6
7	LIGHTS-EAST	20A/1P	.84 / .34			I	I	8
9	LIGHTS-CENTER/WEST	20A/1P		.9 / 1.75		20A/2P	RECEP-PLAZA	10
11	LIGHTS-PLAZA	20A/2P			.34 / 1.75	I	I	12
13	I	I	.34 / .34			20A/1P	LIGHTS-PLAZA	14
15	RECEP-PLAZA	20A/2P		1.75 / .34		I	I	16
17	I	I			1.75 / 1.75	20A/2P	RECEP-PLAZA	18
19	LIGHTS-PLAZA	20A/2P	.34 / 1.75			I	I	20
21	I	I		.34 / ---		.82	LIGHTS-CRAWL SPACE	22
23	RECEP-PLAZA	20A/2P			1.75 / ---	20A/1P	SPARE	24
25	I	I	1.75 / ---			20A/1P	SPARE	26
27	SPACE			--- / ---		20A/1P	SPARE	28
29	SPACE				--- / ---	20A/1P	SPARE	30
31	SPACE		--- / ---			20A/1P	SPARE	32
33	SPACE			--- / ---		20A/1P	SPARE	34
35	SPACE				--- / ---	20A/1P	SPARE	36
37	SPACE		--- / ---			60A/3P	SPD	38
39	SPACE			--- / ---		I	I	40
41	SPACE				--- / ---	I	I	42
TOTAL KVA. PER ø			6.83	7.28	8.48			

	CONNECTED KVA	DIVERSITY	DEMAND KVA	CONNECTED AMPS	DEMAND AMPS
LIGHTS	–	–	–	–	–
RECEPTACLES	–	–	–	–	–
A/C	–	–	–	–	–
ELECTRIC HEAT	–	–	–	–	–
KITCHEN EQUIPMENT	–	–	–	–	–
MISCELLANEOUS LOAD	–	–	–	–	–
TOTAL LOAD	22.59	–	–	27	27

PANEL NAME: H2A | SIZE: 225A (125A FEEDER BKR) | KAIC RATING: 24 KAIC
VOLTAGE: 277/480V, 3ø, 4W | MAIN BKR.: MLO | CONNECTED: 142 AMPS
MOUNTING: SURFACE | LOCATION: SEE PLANS | DEMAND: 104 AMPS

CIR. NO.	LOAD	BREAKER AMPS/POLES	LOAD kVA/PHASE A	B	C	BREAKER AMPS/POLES	LOAD	CIR. NO.
1	T-3.01	20A/2P	3.25 / 1.5			15A/1P	T-3.09	2
3	I	I		3.25 / 1.5		15A/1P	T-3.10	4
5	T-3.02	25A/2P			4.0 / 5.5	30A/2P	T-3.11	6
7	I	I	4.0 / 5.5			I	I	8
9	T-3.03	20A/2P		3.25 / 6.0		35A/2P	T-3.12	10
11	I	I			3.25 / 6.0	I	I	12
13	T-3.04	15A/1P	2.0 / 4.0			20A/1P	T-3.13	14
15	T-3.05	15A/1P		2.0 / 1.5		15A/1P	T-3.14	16
17	T-3.06	20A/1P			4.0 / ---	20A/1P	SPARE	18
19	T-3.07	25A/1P	4.5 / 1.64			20A/1P	LIGHTS	20
21	T-3.08	20A/2P		3.25 / 1.41		20A/1P	LIGHTS	22
23	I	I			3.25 / 2.0	20A/1P	LIGHTS	24
25	SPACE		--- / 14.66			60A/3P	T-L2A	26
27	SPACE			--- / 13.82		I	I	28
29	SPACE				--- / 13.0	I	I	30
31	SPACE		--- / ---			20A/1P	SPARE	32
33	SPACE			--- / ---		20A/1P	SPARE	34
35	SPACE				--- / ---	20A/1P	SPARE	36
37	SPACE		--- / ---			60A/3P	SPD	38
39	SPACE			--- / ---		I	I	40
41	SPACE				--- / ---	I	I	42
TOTAL KVA. PER ø			41.05	35.98	41			

	CONNECTED KVA	DIVERSITY	DEMAND KVA	CONNECTED AMPS	DEMAND AMPS
LIGHTS	–	–	–	–	–
PANEL L2A	41.48	–	22.74	–	–
A/C	–	–	–	–	–
ELECTRIC HEAT	76.55	.8	61.24	–	–
KITCHEN EQUIPMENT	–	–	–	–	–
MISCELLANEOUS LOAD	–	–	–	–	–
TOTAL LOAD	118.03	–	86.98	142	104

PANEL NAME: H2B | SIZE: 100A (70A FEEDER BKR) | KAIC RATING: 24 KAIC
VOLTAGE: 277/480V, 3ø, 4W | MAIN BKR.: MLO | CONNECTED: 54 AMPS
MOUNTING: SURFACE | LOCATION: SEE PLANS | DEMAND: 54 AMPS

CIR. NO.	LOAD	BREAKER AMPS/POLES	LOAD kVA/PHASE A	B	C	BREAKER AMPS/POLES	LOAD	CIR. NO.
1	T-4.01	20A/1P	4.0 / 3.5			20A/1P	T-4.09	2
3	T-4.02	20A/1P		4.0 / 1.5		15A/1P	T-4.10	4
5	T-4.03	20A/1P			4.0 / 1.5	25a/1p	T-4.15	6
7	T-4.04	20A/2P	3.25 / 3.25			I	I	8
9	I	I		3.25 / 1.5		15A/1P	T-4.12	10
11	T-4.05	15A/1P			1.5 / 4.5	25A/1P	T-4.14	12
13	T-4.06	15A/1P	1.5 / ---			20A/1P	SPARE	14
15	T-4.07	20A/1P		3.5 / ---		20A/1P	SPARE	16
17	T-4.08	25A/1P			3.5 / ---	20A/1P	SPARE	18
19	SPACE		--- / ---			20A/1P	SPARE	20
21	SPACE			--- / ---		20A/1P	SPARE	22
23	SPACE				--- / ---	20A/1P	SPARE	24
25	SPACE		--- / ---			60A/3P	SPD	26
27	SPACE			--- / ---		I	I	28
29	SPACE				--- / ---	I	I	30
TOTAL KVA. PER ø			15.5	13.75	15.25			

	CONNECTED KVA	DIVERSITY	DEMAND KVA	CONNECTED AMPS	DEMAND AMPS
LIGHTS	–	–	–	–	–
RECEPTACLES	–	–	–	–	–
A/C	–	–	–	–	–
ELECTRIC HEAT	–	–	–	–	–
KITCHEN EQUIPMENT	–	–	–	–	–
MISCELLANEOUS LOAD	–	–	–	–	–
TOTAL LOAD	44.5	–	–	54	–

PANEL NAME: L1A | SIZE: 100 AMP | KAIC RATING: 22 KAIC
VOLTAGE: 120/208V,3ø, 4W | MAIN BKR.: 100 AMP | CONNECTED: 105 AMPS
MOUNTING: SURFACE | LOCATION: SEE PLANS | DEMAND: 68 AMPS

CIR. NO.	LOAD	BREAKER AMPS/POLES	LOAD kVA/PHASE A	B	C	BREAKER AMPS/POLES	LOAD	CIR. NO.
1	RECEPS – 149	20A/1P	1.16 / .54			20A/1P	RECEPS – 138	2
3	RECEPS – 148	20A/1P		.54 / .54		20A/1P	RECEPS – 138	4
5	RECEPS – 140	20A/1P			.72 / .54	20A/1P	RECEPS – 137	6
7	RECEPS – 136	20A/1P	.54 / .72			20A/1P	RECEPS–133,134,155	8
9	RECEPS – 132	20A/1P		.54 / .5		20A/1P	RECEPS – MONITORS 155	10
11	RECEPS – 130	20A/1P			.54 / .36	20A/1P	RECEPS – 154	12
13	RECEPS – 129	20A/1P	.72 / .36			20A/1P	RECEPS – 109,111	14
15	RECEPS – 128	20A/1P		.72 / .54		20A/1P	RECEPS – 105	16
17	RECEPS – 127	20A/1P			.54 / .72	20A/1P	RECEPS – 111	18
19	RECEPS – 126	20A/1P	.8 / .72			20A/1P	RECEPS – 117	20
21	RECEPS – 125	20A/1P		.8 / .54		20A/1P	RECEPS – 112	22
23	RECEPS – 124	20A/1P			.8 / .54	20A/1P	RECEPS – 112	24
25	RECEPS – 123	20A/1P	.8 / .9			20A/1P	RECEPS – 122	26
27	RECEPS – 120	20A/1P		.8 / .54		20A/1P	RECEPS – 119	28
29	RECEPS – 118	20A/1P			.8 / .54	20A/1P	RECEPS – 113	30
31	RECEPS – 115	20A/1P	.8 / .72			20A/1P	RECEPS – 121	32
33	RECEPS – 114	20A/1P		.8 / .72		20A/1P	RECEPS – 121	34
35	RECEPS – 106 COFFEE	20A/1P			1.5 / .54	20A/1P	RECEPS – 121	36
37	RECEPS – 106 COFFEE	20A/1P	1.5 / .36			20A/1P	RECEPS – 121	38
39	RECEPS – 106	20A/1P		.72 / .7		20A/1P	RECEPS – 116	40
41	RECEPS–156,149,142,141	20A/1P			.9 / .86	20A/1P	RECEPS – 116	42
43	RECEPS – REF. 121	20A/1P	.5 / .5			20A/1P	LANDSCAPE/FLAG LIGHTS	44
45	RECEPS – COFFEE	20A/1P		1.5 / 1.26		20A/1P	RECEPS – CRAWL SPACE	46
47	RECEPS – MICRO	20A/1P			1.5 / 1.0	20A/1P	RECEPS – IRRIGATION	48
49	GENERATOR BLOCK HEAT	30A/2P	1.0 / ---			20A/1P	SPARE	50
51	I	I		1.0 / ---		20A/1P	SPARE	52
53	BATTERY CHARGER	20A/1P			1.0 / ---	20A/1P	SPARE	54
55	SPARE	20A/1P	--- / ---			20A/1P	SPARE	56
57	SPARE	20A/1P		--- / ---		20A/1P	SPARE	58
59	SPARE	20A/1P			--- / ---	20A/1P	SPARE	60
61	SPARE	20A/1P	--- / ---			20A/1P	SPARE	62
63	SPARE	20A/1P		--- / ---		20A/1P	SPARE	64
65	SPARE	20A/1P			--- / ---	20A/1P	SPARE	66
67	SPARE	20A/1P	--- / ---			20A/1P	SPARE	68
69	SPARE	20A/1P		--- / ---		20A/1P	SPARE	70
71	SPARE	20A/1P			--- / ---	20A/1P	SPARE	72
73	SPARE	20A/1P	--- / ---			20A/1P	SPARE	74
75	SPARE	20A/1P		--- / ---		20A/1P	SPARE	76
77	SPARE	20A/1P			--- / ---	20A/1P	SPARE	78
79	SPARE	20A/1P	--- / ---			60A/3P	SPD	80
81	SPARE	20A/1P		--- / ---		I	I	82
83	SPARE	20A/1P			--- / ---	I	I	84
TOTAL VA. PER ø			12.64	12.76	13.4			

	CONNECTED KVA	DIVERSITY	DEMAND KVA	CONNECTED AMPS	DEMAND AMPS
LIGHTS	–	–	–	–	–
RECEPTACLES	38.8	–	24.4	–	–
A/C	–	–	–	–	–
ELECTRIC HEAT	–	–	–	–	–
KITCHEN EQUIPMENT	–	–	–	–	–
MISCELLANEOUS LOAD	–	–	–	–	–
TOTAL LOAD	38.8	–	24.4	107	68

PANEL NAME: L2A | SIZE: 100 AMP | KAIC RATING: 22 KAIC
VOLTAGE: 120/208V,3ø, 4W | MAIN BKR.: 100 AMP | CONNECTED: 115 AMPS
MOUNTING: SURFACE | LOCATION: SEE PLANS | DEMAND: 71.5 AMPS

CIR. NO.	LOAD	BREAKER AMPS/POLES	LOAD kVA/PHASE A	B	C	BREAKER AMPS/POLES	LOAD	CIR. NO.
1	RECEPS – 204	20A/1P	.84 / .72			20A/1P	RECEPS – 216	2
3	RECEPS – 201	20A/1P		.84 / .54		20A/1P	RECEPS – 216	4
5	RECEPS – 202	20A/1P			.84 / 1.0	20A/1P	RECEPS – 216 COPIER	6
7	RECEPS – 203	20A/1P	.84 / 1.02			20A/1P	RECEPS – 223	8
9	RECEPS – 206	20A/1P		.84 / 1.0		20A/1P	RECEPS – 224 COPIER	10
11	RECEPS – 211	20A/1P			.84 / 1.02	20A/1P	RECEPS – 225	12
13	RECEPS – 221	20A/1P	.72 / .9			20A/1P	RECEPS – 217–220	14
15	RECEPS – 213	20A/1P		.84 / .72		20A/1P	RECEPS – 256,257	16
17	RECEPS – 214	20A/1P			.78 / ---	20A/1P	SPARE	18
19	RECEPS – 221	20A/1P	.9 / .72			20A/1P	RECEPS – 229	20
21	RECEPS – 213	20A/1P		.72 / .9		20A/1P	RECEPS – 230	22
23	RECEPS – RR 214	20A/1P			1.5 / .72	20A/1P	RECEPS – 231	24
25	RECEPS – 232	20A/1P	.9 / .9			20A/1P	RECEPS – 236	26
27	RECEPS – 237,238	20A/1P		1.08 / .72		20A/1P	RECEPS – 241	28
29	RECEPS – 244	20A/1P			.9 / .72	20A/1P	RECEPS – 242	30
31	RECEPS – 233	20A/1P	1.5 / 1.0			20A/1P	RECEPS – 209 REF.	32
33	RECEPS – 234	20A/1P		1.5 / 1.5		20A/1P	RECEPS – 209 COFFEE	34
35	RECEPS – 235	20A/1P			1.5 / 1.0	20A/1P	RECEPS – 209 MICRO	36
37	RECEPS – 233	20A/1P	.72 / ---			20A/1P	SPARE	38
39	RECEPS – 233 COPIER	20A/1P		1.0 / ---		20A/1P	SPARE	40
41	RECEPS – 239	20A/1P			.72 / ---	20A/1P	SPARE	42
43	RECEPS – 251	20A/1P	1.28 / .72			20A/1P	RECEPS – 228,254,249	44
45	RECEPS – 239,243	20A/1P		.9 / .72		20A/1P	RECEPS – 245	46
47	RECEPS – 227,228	20A/1P			.56 / 1.5	20A/1P	RECEPS – 247 COFFEE	48
49	SPARE	20A/1P	--- / ---			20A/1P	FIXTURE V	50
51	RECEPS – ROOF	20A/1P		1.5 / ---		20A/1P	SPARE	52
53	SPARE	20A/1P			--- / ---	20A/1P	SPARE	54
55	SPARE	20A/1P	--- / ---			20A/1P	SPARE	56
57	SPARE	20A/1P		--- / ---		20A/1P	SPARE	58
59	SPARE	20A/1P			--- / ---	20A/1P	SPARE	60
61	SPARE	20A/1P	--- / ---			20A/1P	SPARE	62
63	SPARE	20A/1P		--- / ---		20A/1P	SPARE	64
65	SPARE	20A/1P			--- / ---	20A/1P	SPARE	66
67	SPARE	20A/1P	--- / ---			20A/1P	SPARE	68
69	SPARE	20A/1P		--- / ---		20A/1P	SPARE	70
71	SPARE	20A/1P			--- / ---	20A/1P	SPARE	72
73	SPARE	20A/1P	--- / ---			20A/1P	SPARE	74
75	SPARE	20A/1P		--- / ---		20A/1P	SPARE	76
77	SPARE	20A/1P			--- / ---	20A/1P	SPARE	78
79	SPARE	20A/1P	--- / ---			60A/3P	SPD	80
81	SPARE	20A/1P		--- / ---		I	I	82
83	SPARE	20A/1P			--- / ---	I	I	84
TOTAL VA. PER ø			14.66	13.82	13.0			

	CONNECTED KVA	DIVERSITY	DEMAND KVA	CONNECTED AMPS	DEMAND AMPS
LIGHTS	–	–	–	–	–
RECEPTACLES	41.48	–	25.74	–	–
A/C	–	–	–	–	–
ELECTRIC HEAT	–	–	–	–	–
KITCHEN EQUIPMENT	–	–	–	–	–
MISCELLANEOUS LOAD	–	–	–	–	–
TOTAL LOAD	41.48	–	25.74	115	71.5

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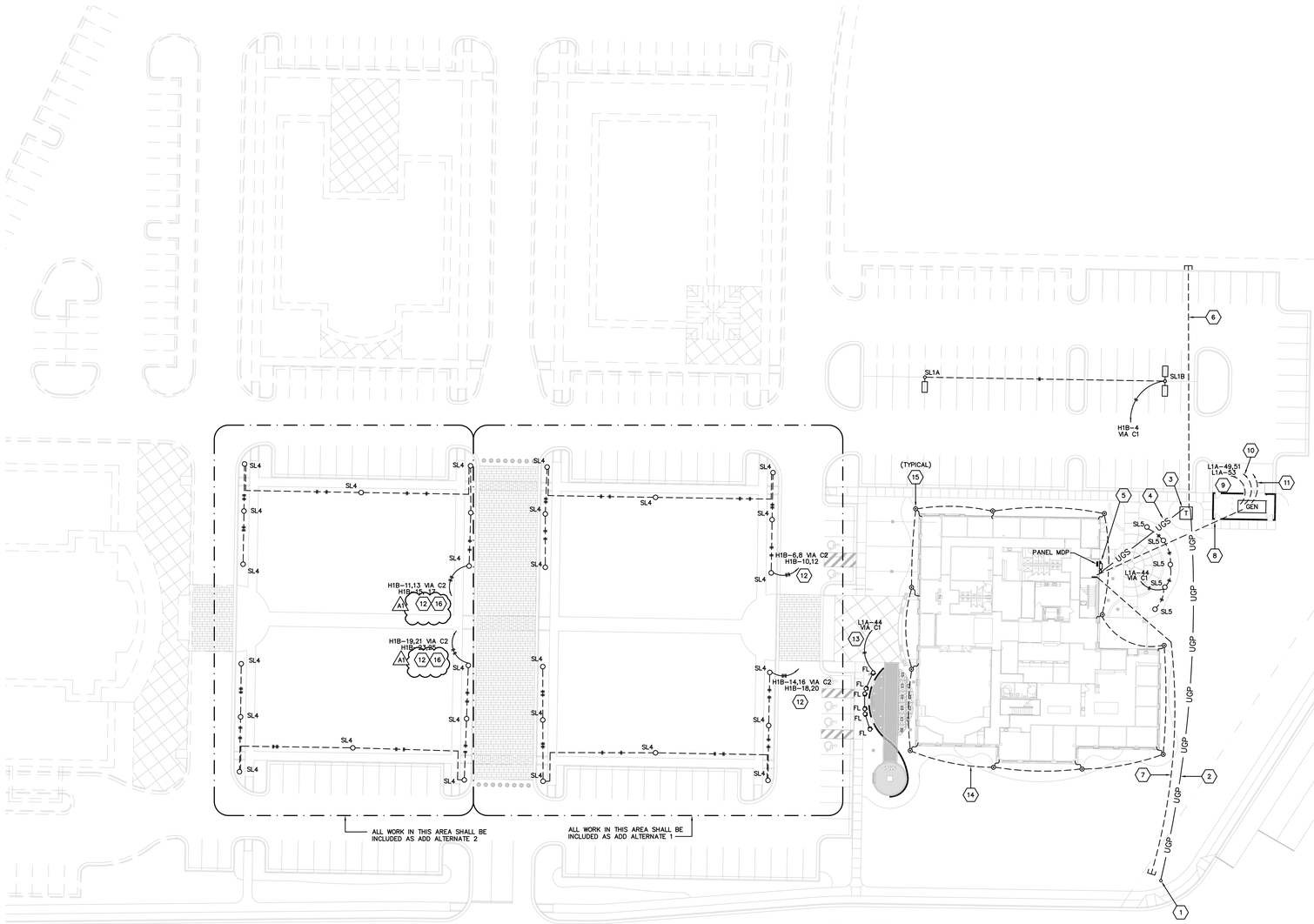
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RIDGELAND CITY HALL
RIDGELAND, MISSISSIPPI

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1 / E1.2 SITE PLAN – ELECTRICAL (BASE BID WITH ADD ALTERNATES)
SCALE: 1"=30'-0"

KEYNOTES

1. EXISTING UTILITY COMPANY POWER POLE.
2. NEW UNDERGROUND PRIMARY.
3. NEW UTILITY COMPANY TRANSFORMER.
4. NEW UNDERGROUND SECONDARY.
5. DISCONNECT FOR UTILITY COMPANY, C.T. ENCLOSURE, AND METER BASE.
6. PROVIDE TWO EMPTY 5" PVC CONDUITS AND STUB OUT TO ACCESSIBLE AREA BEYOND PARKING AREA FOR FUTURE UTILITY COMPANY LOOP FEED. DIRECT BURY CONDUIT 48" AND PROVIDE TRACER WIRE ABOVE CONDUITS. CAP CONDUITS AT END.
7. PROVIDE FIVE 4" SCHEDULE 80 CONDUITS, WITH RIGID ELBOWS, AND EXTEND TO ACCESSIBLE AREA FOR TELE/COMM UTILITY SERVICE CONNECTIONS. CAP AT END. DO NOT USE GLUE.
8. GENERATOR FEEDER.
9. HOMERUN TO PANEL WITH #10 AWG. 208V/1ø CIRCUIT FOR GENERATOR BLOCK HEATER, 120V/1ø CIRCUIT FOR BATTERY CHARGER.
10. ROUTE ONE 1" CONDUIT FROM GENERATOR TO ATS FOR CRANK CIRCUIT.
11. ROUTE ONE 1" CONDUIT FROM GENERATOR TO FAULT INDICATOR PANEL IN COMPUTER OFFICE 245.
12. TWO 480V/1ø CIRCUITS SHALL BE CONNECTED TO EACH LIGHT POLE. ONE CIRCUIT FOR THE LIGHT, AND ONE CIRCUIT FOR A TRANSFORMER MOUNTED IN THE BASE OF THE POLE TO SERVE A RECEPTACLE. THE LIGHTING SHALL BE ROUTED THROUGH THE EXTERIOR LIGHTING CONTROL CONTACTOR AND THE OTHER SHALL BE ROUTED DIRECTLY TO THE PANEL.
13. CONNECT FLAG LIGHTING TO CIRCUIT L1A-44 (SHARED WITH LANDSCAPE LIGHTING "SL5")
14. #2/0 BURIED GROUND RING PER SPECIFICATION SECTION 26-05-26. PROVIDE GROUND TEST WELL AT ALL DRIVEN GROUND RODS.
15. 10' X 3/4" COPPER CLAD DRIVEN GROUND ROD. BOND TO STRUCTURAL STEEL. PROVIDE GROUND TEST WELL AT ALL DRIVEN GROUND RODS.
16. IF ADD ALTERNATE 1 IS TAKEN, AND ADD ALTERNATE 2 IS NOT, PROVIDE RACEWAY ROUGH-IN FOR LIGHTING CIRCUITS SHOWN IN ADD ALTERNATE 2 FOR FUTURE CONNECTION. STUB OUT RACEWAYS INTO ACCESSIBLE AREA IN ADD ALTERNATE 2 VICINITY.

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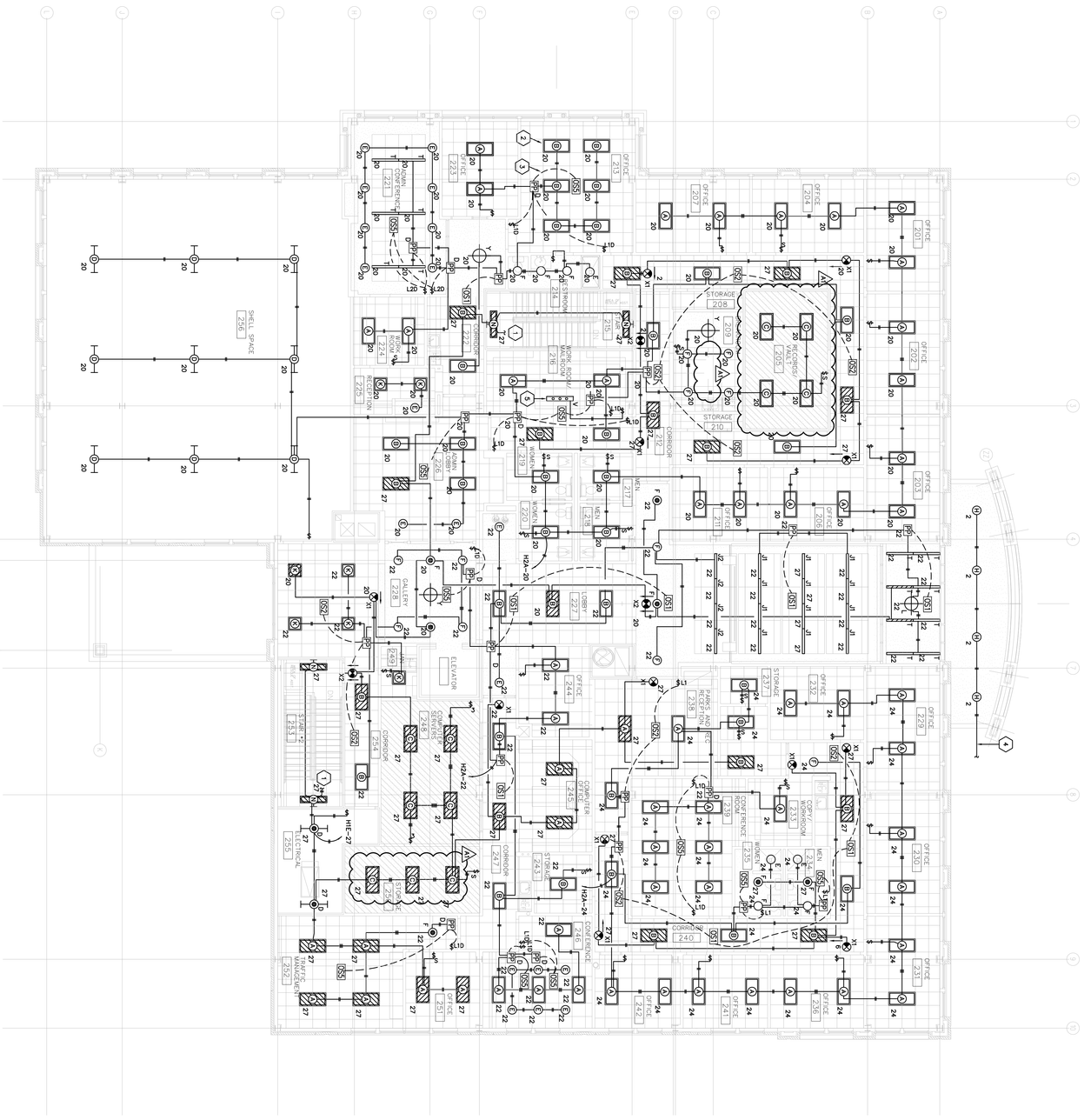
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1" =1'-0" GRAPHIC SCALE
3/4" =1'-0" GRAPHIC SCALE
1/2" =1'-0" GRAPHIC SCALE
3/8" =1'-0" GRAPHIC SCALE
1/4" =1'-0" GRAPHIC SCALE

RIDGELAND CITY HALL
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1/8" =1'-0" GRAPHIC SCALE | 1/4" =1'-0" GRAPHIC SCALE | 1/2" =1'-0" GRAPHIC SCALE | 3/4" =1'-0" GRAPHIC SCALE | 1" =1'-0" GRAPHIC SCALE | 1 1/2" =1'-0" GRAPHIC SCALE | 3" =1'-0" GRAPHIC SCALE

1 SECOND FLOOR PLAN – LIGHTING
E2.2 / SCALE: 1/8"=1'-0"



KEYNOTES

1. TRANS TO STAIRWELL LIGHTING ON 1ST FLOOR.
2. TYPICAL PROVIDE LOW VOLTAGE WIRING TO LIGHTING BELOW, WIRING POWER PACK AND CONNECT TO FACILITATE 0-10V. DIMMING.
3. TYPICAL PROVIDE LOW VOLTAGE WIRING BETWEEN OCCUPANCY/VACANCY SENSORS AND POWER PACKS PER MANUFACTURERS REQUIREMENTS.
4. CONNECT TO WALL PLATE INDICATED ON SHEET E2.1, (CIRCUIT H1R-27)
5. CONNECT FIXTURE V TO CIRCUIT L2A-30. PROVIDE WALL ADJACENT

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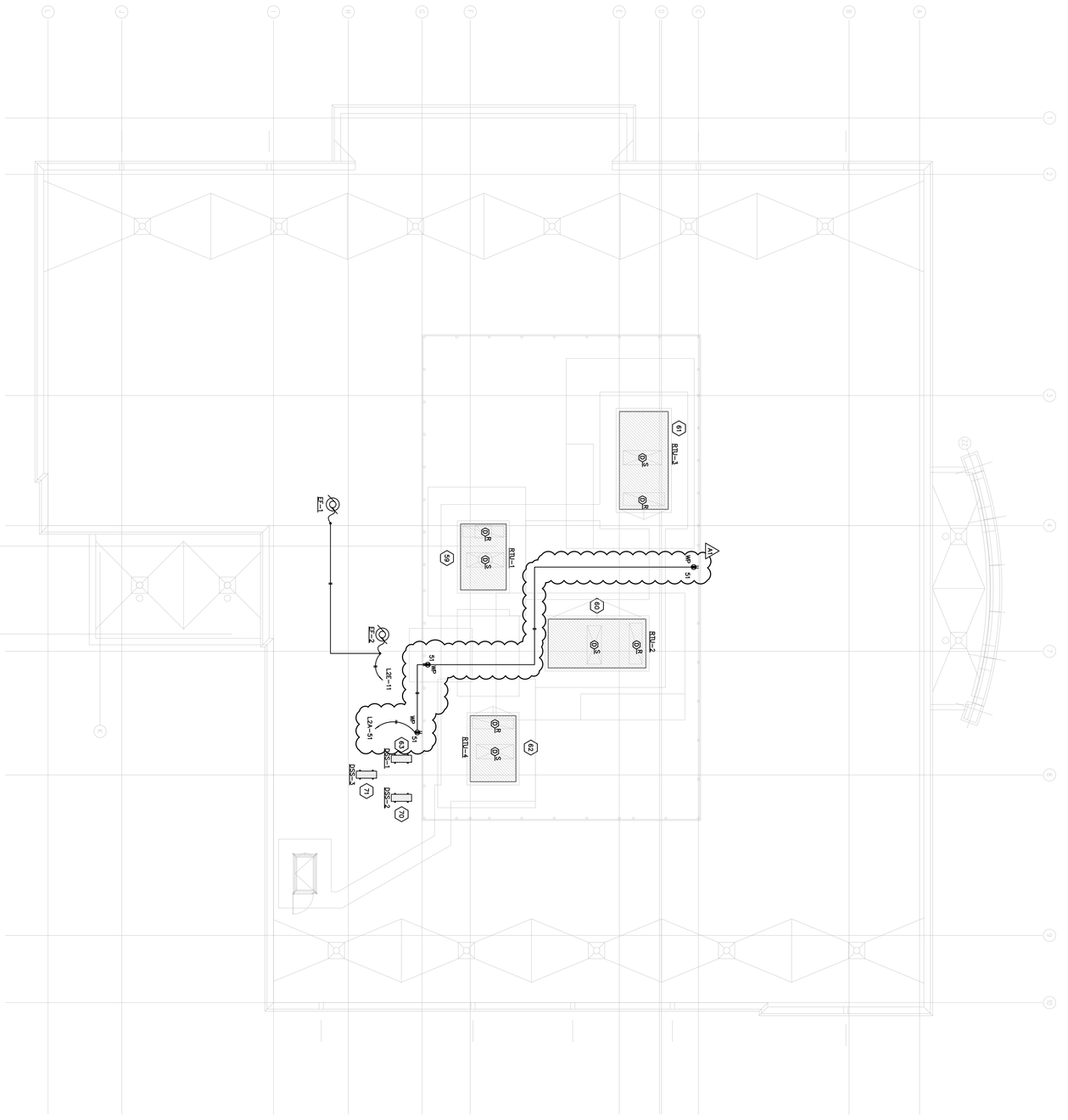
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1/8" =1'-0" GRAPHIC SCALE | 1/4" =1'-0" GRAPHIC SCALE | 1/2" =1'-0" GRAPHIC SCALE | 3/4" =1'-0" GRAPHIC SCALE | 1" =1'-0" GRAPHIC SCALE | 1 1/2" =1'-0" GRAPHIC SCALE | 3" =1'-0" GRAPHIC SCALE



1 / E6.1 ROOF PLAN – ELECTRICAL
SCALE: 1/8"=1'-0"

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