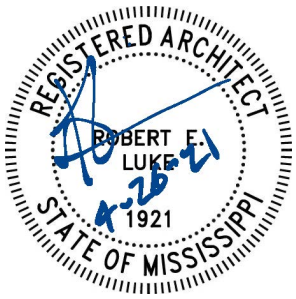
ADDENDUM NO. 2

THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND HEREBY MODIFIES THE ORIGINAL CONSTRUCTION DOCUMENTS DATED MARCH 18, 2021 RESPECTIVELY.



_____
NAME OF COMPANY

_____
BY

PROJECT MANUAL

Item #1 **SECTION 001113 ADVERTISEMENT FOR BIDS**
CHANGE: "The Lauderdale County Board of Supervisors will receive sealed competitive bids at the office of Lauderdale County Administrator, Chris Lafferty, 410 Constitution Avenue, 11th Floor, Meridian MS. 39301 until ~~**2:00 p.m. CST on May 6, 2021**~~ for the following:" to "The Lauderdale County Board of Supervisors will receive sealed competitive bids at the office of Lauderdale County Administrator, Chris Lafferty, 410 Constitution Avenue, 11th Floor, Meridian MS. 39301 until **2:00 p.m. CST on May 20, 2021** for the following:"

CLARIFICATION: **The bid date for this project has been rescheduled. All questions must be submitted by May 13, 2021 by close of business.**

Item #2 **SECTION 004113.01 – GENERAL TRADES BID FORM**
REPLACE: Section 004113.01 with the attached revised Section 004113.01 dated April 26, 2021.

Item #3 **SECTION 004113.02 – MECHANICAL AND PLUMBING BID FORM**
REPLACE: Section 004113.02 with the attached revised Section 004113.02 dated April 26, 2021.

Item #4 **SECTION 004113.03 – FIRE PROTECTION BID FORM**
REPLACE: Section 004113.03 with the attached revised Section 004113.03 dated April 26, 2021.

Item #5 **SECTION 004113.04 – ELECTRICAL BID FORM**
REPLACE: Section 004113.04 with the attached revised Section 004113.04 dated April 26, 2021.

Item #6 **SECTION 004113.05 – SITE BID FORM**
REPLACE: Section 004113.05 with the attached revised Section 004113.05 dated April 26, 2021.

Item #7 **SECTION 004113.06 – GENERAL TRADES AND SITE COMBINATION BID FORM**
REPLACE: Section 004113.06 with the attached revised Section 004113.05 dated April 26, 2021.

Item #8 **SECTION 008000 – SUPPLEMENTARY CONDITIONS**
CHANGE: Section 9.11.1 "The amount per day for liquidated damages is ~~$500.00~~" to "The amount per day for liquidated damages is $1500.00."

Item #9 **SECTION 081113 - HOLLOW METAL DOORS AND FRAMES**
ADD: 2.3 INTERIOR DOORS AND FRAMES. ITEM B

B. Maximum-Duty Commercial "Hardened" Doors and Frames: ANSI A250.8 – SDI 100, Level 4. At locations indicated in the Door and Frame Schedule.

1. Physical Performance: Level B according to SDI A250.4.
2. Doors:
   a. Type: As indicated in the Door and Frame Schedule.
   b. Thickness: 1-3/4 inches (44.5mm).
   c. Face: Metallic-coated, cold-rolled steel sheet, 14 Gauge minimum thickness of 0.067 inch (1.7mm)
   d. Edge Construction: Welded Edge Seam, seamless, BW Series Seam Welded, Model 2
   e. Core: Manufacturer's standard.

3. Frames:
   a. Materials: Metallic-coated, steel sheet, 14 Gauge minimum thickness of 0.067 inch (1.7mm)
   b. Construction: Full profile weld.

4. Exposed Finish: Prime.

Item #10 **SECTION 087100 – DOOR HARDWARE**
ADD: The attached Access Control Software Specification document to the end of the specification section

APPENDIX

Item #11 **ELECTRICAL ADDENDUM ITEMS DESCRIPTION**
ADD: See attached items from Electrical Engineer.

DRAWINGS

Item #12 **CVR – COVER SHEET**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #13 **LIFE SAFETY PLAN**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #14 **C200 – OVERALL SITE PLAN**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #15 **C201 – SITE PLAN – PUBLIC SAFETY BUILDING**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #16 **C300 – OVERALL GRADING AND DRAINAGE PLAN**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #17 **C301 – GRADING AND DRAINAGE PLAN – PUBLIC SAFETY BUILDING**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #18 **C302 – GRADING AND DRAINAGE PLAN – COURTHOUSE**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #19 **C400 – OVERALL UTILITY PLAN**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #20 **C401 – UTILITY PLAN – PUBLIC SAFETY BUILDING**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #21 **C402 – UTILITY PLAN – COURTHOUSE**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #22 **C502 – SITE DETAILS**
REPLACE: Sheet in its entirety with Revision No. 2 dated April 26, 2021.

Item #23 **L-100 – LANDSCAPE PLAN FOR LAUDERDALE COUNTY PUBLIC SAFETY BUILDING**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 20, 2021.

Item #24 **L-101 – LANDSCAPE DETAILS FOR LAUDERDALE COUNTY PUBLIC SAFETY BUILDING**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 20, 2021.

Item #25 **I-100 – IRRIGATION PLAN FOR LAUDERDALE COUNTY PUBLIC SAFETY BUILDING**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 20, 2021.

Item #26 **I-101 – IRRIGATION DETAILS FOR LAUDERDALE COUNTY PUBLIC SAFETY BUILDING**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 20, 2021.

Item #27 **A100 – SITE PLAN**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #28 **A101 – FIRST FLOOR PLAN**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #29 **A102 – DIMENSION FLOOR PLAN**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #30 **A105 – REFLECTED CEILING PLAN & DETAILS**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #31 **A302 – BUILDING SECTIONS**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #32 **A401 – ENLARGED PLANS**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #33 **A402 – ENLARGED PLANS**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #34 **A611 – OPENING SCHEDULE**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #35 **A701 – INTERIOR ELEVATIONS**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #36 **F101 – INTERIOR FINISH PLAN**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #37 **S101 – FOUNDATION AND FLOOR FRAMING PLAN**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #38 **S102 – LEMA ROOF. GARAGE ROOF, AND MEZZANINE FRAMING PLANS**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #39 **S104 – SITE WALL PLAN**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #40 **S202 – CMU WALL AND STEEL DETAILS**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #41 **S303 – FOUNDATION AND FLOOR FRAMING PLAN**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #42 **P101 – FLOOR PLAN – BELOW FLOOR PLUMBING**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #43 **P102 – FLOOR PLAN – PLUMBING SANITARY**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #44 **P103 – FLOOR PLAN – PLUMBING SUPPLY**
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #45 FP101 – FLOOR PLAN – FIRE PROTECTION
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #46 M100 – OVERALL FLOOR PLAN – HVAC
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #47 M102 – FIRST FLOOR HVAC PLAN – PART "B"
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #48 M106 – ROOF PLAN - HVAC
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #49 M108 – FIRST FLOOR HVAC THERMOSTAT PLAN – PART "B"
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #50 M601 – HVAC SCHEDULES
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #51 M602 – HVAC SCHEDULES
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #52 E001 – ELECTRICAL SYMBOLS LEGEND
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #53 E002 – ELECTRICAL SCHEDULES AND DETAILS
REPLACE: Sheet in its entirety with Revision No. 1 dated April 26, 2021.

Item #54 E101 – ELECTRICAL SITE PLAN LIGHTING, POWER AND COMMUNICATION SYSTEMS
REPLACE: Sheet in its entirety with Sheet E101R Revision No. 1 dated April 26, 2021.

Item #55 E201 – ELECTRICAL FLOOR PLAN LIGHTING SYSTEMS
REPLACE: Sheet in its entirety with Sheet E201R Revision No. 1 dated April 26, 2021.

Item #56 E202 – ELECTRICAL FLOOR PLAN POWER SYSTEMS
REPLACE: Sheet in its entirety with Sheet E202R Revision No. 1 dated April 26, 2021.

Item #57 E203 – ELECTRICAL FLOOR PLAN SPECIAL SYSTEMS
REPLACE: Sheet in its entirety with Sheet E203R Revision No. 1 dated April 26, 2021.

Item #58 E204 – ELECTRICAL FLOOR PLAN COMMUNICATION SYSTEMS
REPLACE: Sheet in its entirety with Sheet E204R Revision No. 1 dated April 26, 2021.

Item #59 **E205 – ELECTRICAL FLOOR PLAN SAFETY AND SECURITY SYSTEMS**
REPLACE: Sheet in its entirety with Sheet E205R Revision No. 1 dated April 26, 2021.

Item #60 **E206 – ELECTRICAL FLOOR PLAN MEZZANINE LEVEL**
REPLACE: Sheet in its entirety with Sheet E206R Revision No. 1 dated April 26, 2021.

Item #61 **E301 – ELECTRICAL POWER RISER DIAGRAM AND DETAILS**
REPLACE: Sheet in its entirety with Sheet E301R Revision No. 1 dated April 26, 2021.

Item #62 **E302 – ELECTRICAL SCHEDULES**
REPLACE: Sheet in its entirety with Sheet E302R Revision No. 1 dated April 26, 2021.

Item #63 **E303 – ELECTRICAL SCHEDULES**
REPLACE: Sheet in its entirety with Sheet E303R Revision No. 1 dated April 26, 2021.

Item #64 **E401 – TELECOMMUNICATIONS WIRING DIAGRAM AND DETAILS**
REPLACE: Sheet in its entirety with Sheet E401R Revision No. 1 dated April 26, 2021.

END OF ADDENDUM NO. 2

SECTION 004113.01 – GENERAL TRADES BID FORM

To: Lauderdale County Board of Supervisors
Meridian, MS

Re: Project Number: 19-4894B

The undersigned, having examined the Contract Documents and being familiar with the contents contained therein all of which are on file in the office of LPK Architects, P.A., Meridian, MS, does hereby propose to furnish and deliver all labor, materials, and equipment necessary for the successful completion of the Contract on which we submit a bid according to Plans and Specifications as follows:

Lauderdale County Public Safety Building:

BASE BID AMOUNT

$_____Dollars _____
Words

ALTERNATES

ALTERNATE #1: Replace CMU perimeter wall and access gates at rear of PSB with 10'-0" high vinyl coated chain link w/ razor wire and screening with automatic gates. Delete 8'-0" high aluminum picket fence, gates and operators in front of PSB (secure deputy parking area).

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #2: Remove PSB Garage and CID covered parking at rear of PSB. Concrete slab at PSB Garage to be replaced with concrete paving. Stairs at rear exit to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #3: Remove new construction (steel framing / concrete slab) at Mezzanine M001. Existing stairs to remain; provide flooring/walls for access from top of existing stairs to opening in existing Mezzanine.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #4: Remove LEMA/E-911/VFD from scope of project. Rough-in's to remain; Training Rooms to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

ALTERNATE #5: Remove all landscape and irrigation from the contract, however, sleeves shall be installed as shown on the irrigation plan as a part of the base bid.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

COMPLETION TIME: The undersigned agrees that work to be performed under this contract must be substantially complete within 365 Days. Substantial completion may be established separately for each project. Prior to award, the Contractor shall provide schedule documentation acceptable to the Construction Manager within 10 calendar days to develop the Master Project Schedule that best meets the Project Schedule Requirements as determined by the Owner. Contractors agree that the Master Project Schedule as approved by the Construction Manager, Architect, and the Owner will be the Master Project Schedule for the Project. Contractors shall cooperate fully with Owner forces or separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying the Work.

ADDENDA: Receipt of the following Addenda is acknowledged:

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

ACCEPTANCE: I agree to hold this proposal open for acceptance for forty-five (45) days after the bid date, and certify that I am authorized to enter my firm into a binding contact if this proposal is accepted.

Signature_____Date _____

Name and Title _____

Name of Business _____

Address _____

City/State/Zip Code _____

Phone/Fax _____

Certificate of Responsibility Numbers(s):_____

DO NOT ENCLOSE THIS PAGE WITH BID

A. Submittal: Enclose the following in envelope.
   1. Proposal in duplicate on form furnished
   2. Bid Security.
   3. Addenda.

B. Envelope:

Seal envelope and mark on face:

Contractor's name and address
(upper left corner)

Certificate of Responsibility #
(lower left hand corner)

END OF SECTION 004113.01

SECTION 004113.02 – MECHANICAL AND PLUMBING BID FORM

To: Lauderdale County Board of Supervisors
Meridian, MS

Re: Project Number: 19-4894B

The undersigned, having examined the Contract Documents and being familiar with the contents contained therein all of which are on file in the office of LPK Architects, P.A., Meridian, MS, does hereby propose to furnish and deliver all labor, materials, and equipment necessary for the successful completion of the Contract on which we submit a bid according to Plans and Specifications as follows:

Lauderdale County Public Safety Building:

BASE BID AMOUNT

$_____Dollars _____
Words

ALTERNATES

ALTERNATE #1: Replace CMU perimeter wall and access gates at rear of PSB with 10'-0" high vinyl coated chain link w/ razor wire and screening with automatic gates. Delete 8'-0" high aluminum picket fence, gates and operators in front of PSB (secure deputy parking area).

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #2: Remove PSB Garage and CID covered parking at rear of PSB. Concrete slab at PSB Garage to be replaced with concrete paving. Stairs at rear exit to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #3: Remove new construction (steel framing / concrete slab) at Mezzanine M001. Existing stairs to remain; provide flooring/walls for access from top of existing stairs to opening in existing Mezzanine.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #4: Remove LEMA/E-911/VFD from scope of project. Rough-in's to remain; Training Rooms to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

ALTERNATE #5: Remove all landscape and irrigation from the contract, however, sleeves shall be installed as shown on the irrigation plan as a part of the base bid.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

COMPLETION TIME: The undersigned agrees that work to be performed under this contract must be substantially complete within 365 Days. Substantial completion may be established separately for each project. Prior to award, the Contractor shall provide schedule documentation acceptable to the Construction Manager within 10 calendar days to develop the Master Project Schedule that best meets the Project Schedule Requirements as determined by the Owner. Contractors agree that the Master Project Schedule as approved by the Construction Manager, Architect, and the Owner will be the Master Project Schedule for the Project. Contractors shall cooperate fully with Owner forces or separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying the Work.

ADDENDA: Receipt of the following Addenda is acknowledged:

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

ACCEPTANCE: I agree to hold this proposal open for acceptance for forty-five (45) days after the bid date, and certify that I am authorized to enter my firm into a binding contact if this proposal is accepted.

Signature_____Date _____

Name and Title _____

Name of Business _____

Address _____

City/State/Zip Code _____

Phone/Fax _____

Certificate of Responsibility Numbers(s):_____

DO NOT ENCLOSE THIS PAGE WITH BID

A. Submittal: Enclose the following in envelope.
   1. Proposal in duplicate on form furnished
   2. Bid Security.
   3. Addenda.

B. Envelope:

Seal envelope and mark on face:

Contractor's name and address
(upper left corner)

Certificate of Responsibility #
(lower left hand corner)

END OF SECTION 004113.02

SECTION 004113.03 – FIRE PROTECTION BID FORM

To: Lauderdale County Board of Supervisors
Meridian, MS

Re: Project Number: 19-4894B

The undersigned, having examined the Contract Documents and being familiar with the contents contained therein all of which are on file in the office of LPK Architects, P.A., Meridian, MS, does hereby propose to furnish and deliver all labor, materials, and equipment necessary for the successful completion of the Contract on which we submit a bid according to Plans and Specifications as follows:

Lauderdale County Public Safety Building:

BASE BID AMOUNT

$_____Dollars _____
Words

ALTERNATES

ALTERNATE #1: Replace CMU perimeter wall and access gates at rear of PSB with 10'-0" high vinyl coated chain link w/ razor wire and screening with automatic gates. Delete 8'-0" high aluminum picket fence, gates and operators in front of PSB (secure deputy parking area).

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #2: Remove PSB Garage and CID covered parking at rear of PSB. Concrete slab at PSB Garage to be replaced with concrete paving. Stairs at rear exit to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #3: Remove new construction (steel framing / concrete slab) at Mezzanine M001. Existing stairs to remain; provide flooring/walls for access from top of existing stairs to opening in existing Mezzanine.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #4: Remove LEMA/E-911/VFD from scope of project. Rough-in's to remain; Training Rooms to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

ALTERNATE #5: Remove all landscape and irrigation from the contract, however, sleeves shall be installed as shown on the irrigation plan as a part of the base bid.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

COMPLETION TIME: The undersigned agrees that work to be performed under this contract must be substantially complete within 365 Days. Substantial completion may be established separately for each project. Prior to award, the Contractor shall provide schedule documentation acceptable to the Construction Manager within 10 calendar days to develop the Master Project Schedule that best meets the Project Schedule Requirements as determined by the Owner. Contractors agree that the Master Project Schedule as approved by the Construction Manager, Architect, and the Owner will be the Master Project Schedule for the Project. Contractors shall cooperate fully with Owner forces or separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying the Work.

ADDENDA: Receipt of the following Addenda is acknowledged:

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

ACCEPTANCE: I agree to hold this proposal open for acceptance for forty-five (45) days after the bid date, and certify that I am authorized to enter my firm into a binding contact if this proposal is accepted.

Signature_____Date _____

Name and Title _____

Name of Business _____

Address _____

City/State/Zip Code _____

Phone/Fax _____

Certificate of Responsibility Numbers(s):_____

DO NOT ENCLOSE THIS PAGE WITH BID

A. Submittal: Enclose the following in envelope.
   1. Proposal in duplicate on form furnished
   2. Bid Security.
   3. Addenda.

B. Envelope:

Seal envelope and mark on face:

Contractor's name and address
(upper left corner)

Certificate of Responsibility #
(lower left hand corner)

END OF SECTION 004113.03

SECTION 004113.04 – ELECTRICAL BID FORM

To: Lauderdale County Board of Supervisors
Meridian, MS

Re: Project Number: 19-4894B

The undersigned, having examined the Contract Documents and being familiar with the contents contained therein all of which are on file in the office of LPK Architects, P.A., Meridian, MS, does hereby propose to furnish and deliver all labor, materials, and equipment necessary for the successful completion of the Contract on which we submit a bid according to Plans and Specifications as follows:

Lauderdale County Public Safety Building:

BASE BID AMOUNT

$_____Dollars _____
Words

ALTERNATES

ALTERNATE #1: Replace CMU perimeter wall and access gates at rear of PSB with 10'-0" high vinyl coated chain link w/ razor wire and screening with automatic gates. Delete 8'-0" high aluminum picket fence, gates and operators in front of PSB (secure deputy parking area).

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #2: Remove PSB Garage and CID covered parking at rear of PSB. Concrete slab at PSB Garage to be replaced with concrete paving. Stairs at rear exit to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #3: Remove new construction (steel framing / concrete slab) at Mezzanine M001. Existing stairs to remain; provide flooring/walls for access from top of existing stairs to opening in existing Mezzanine.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #4: Remove LEMA/E-911/VFD from scope of project. Rough-in's to remain; Training Rooms to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

ALTERNATE #5: Remove all landscape and irrigation from the contract, however, sleeves shall be installed as shown on the irrigation plan as a part of the base bid.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

COMPLETION TIME: The undersigned agrees that work to be performed under this contract must be substantially complete within 365 Days. Substantial completion may be established separately for each project. Prior to award, the Contractor shall provide schedule documentation acceptable to the Construction Manager within 10 calendar days to develop the Master Project Schedule that best meets the Project Schedule Requirements as determined by the Owner. Contractors agree that the Master Project Schedule as approved by the Construction Manager, Architect, and the Owner will be the Master Project Schedule for the Project. Contractors shall cooperate fully with Owner forces or separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying the Work.

ADDENDA: Receipt of the following Addenda is acknowledged:

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

ACCEPTANCE: I agree to hold this proposal open for acceptance for forty-five (45) days after the bid date, and certify that I am authorized to enter my firm into a binding contact if this proposal is accepted.

Signature_____Date _____

Name and Title _____

Name of Business _____

Address _____

City/State/Zip Code _____

Phone/Fax _____

Certificate of Responsibility Numbers(s):_____

DO NOT ENCLOSE THIS PAGE WITH BID

A. Submittal: Enclose the following in envelope.
   1. Proposal in duplicate on form furnished
   2. Bid Security.
   3. Addenda.

B. Envelope:

Seal envelope and mark on face:

Contractor's name and address
(upper left corner)

Certificate of Responsibility #
(lower left hand corner)

END OF SECTION 004113.04

SECTION 004113.05 – SITE BID FORM

To: Lauderdale County Board of Supervisors
Meridian, MS

Re: Project Number: 19-4894B

The undersigned, having examined the Contract Documents and being familiar with the contents contained therein all of which are on file in the office of LPK Architects, P.A., Meridian, MS, does hereby propose to furnish and deliver all labor, materials, and equipment necessary for the successful completion of the Contract on which we submit a bid according to Plans and Specifications as follows:

Lauderdale County Public Safety Building:

BASE BID AMOUNT

$_____Dollars _____
Words

ALTERNATES

ALTERNATE #1: Replace CMU perimeter wall and access gates at rear of PSB with 10'-0" high vinyl coated chain link w/ razor wire and screening with automatic gates. Delete 8'-0" high aluminum picket fence, gates and operators in front of PSB (secure deputy parking area).

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #2: Remove PSB Garage and CID covered parking at rear of PSB. Concrete slab at PSB Garage to be replaced with concrete paving. Stairs at rear exit to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #3: Remove new construction (steel framing / concrete slab) at Mezzanine M001. Existing stairs to remain; provide flooring/walls for access from top of existing stairs to opening in existing Mezzanine.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #4: Remove LEMA/E-911/VFD from scope of project. Rough-in's to remain; Training Rooms to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

ALTERNATE #5: Remove all landscape and irrigation from the contract, however, sleeves shall be installed as shown on the irrigation plan as a part of the base bid.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

COMPLETION TIME: The undersigned agrees that work to be performed under this contract must be substantially complete within 365 Days. Substantial completion may be established separately for each project. Prior to award, the Contractor shall provide schedule documentation acceptable to the Construction Manager within 10 calendar days to develop the Master Project Schedule that best meets the Project Schedule Requirements as determined by the Owner. Contractors agree that the Master Project Schedule as approved by the Construction Manager, Architect, and the Owner will be the Master Project Schedule for the Project. Contractors shall cooperate fully with Owner forces or separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying the Work.

ADDENDA: Receipt of the following Addenda is acknowledged:

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

ACCEPTANCE: I agree to hold this proposal open for acceptance for forty-five (45) days after the bid date, and certify that I am authorized to enter my firm into a binding contact if this proposal is accepted.

Signature_____Date _____

Name and Title _____

Name of Business _____

Address _____

City/State/Zip Code _____

Phone/Fax _____

Certificate of Responsibility Numbers(s):_____

DO NOT ENCLOSE THIS PAGE WITH BID

A. Submittal: Enclose the following in envelope.
   1. Proposal in duplicate on form furnished
   2. Bid Security.
   3. Addenda.

B. Envelope:

Seal envelope and mark on face:

Contractor's name and address
(upper left corner)

Certificate of Responsibility #
(lower left hand corner)

END OF SECTION 004113.05

Access Control Software Spec:

- Shall be built on open architecture
- Installer must be factory certified to sell and service and must be certified to harden the system
- Shall be capable of integrating with the client's local or Azure Active Directory
- It shall be possible to select multiple cardholders for immediate deactivation or reactivation
- Shall provide an audit trail
- It shall be possible to set a start date and expiration date for the association of a cardholder and an access rule for temporary access
- Batch enrollment of credentials shall be supported
- It shall be possible to connect to an external Microsoft SQL or Oracle database to import cardholders
- The ACCESS CONTROL SYSTEM shall support duress pin
- Through the USP, the ACCESS CONTROL SYSTEM shall support integration with an IP Video Surveillance System or MVS without third party softwares. Integration with an IP video surveillance system for Video Intersoms shall permit the user to view live and recorded video
- The ACCESS CONTROL SYSTEM shall support the use of license plates as a credential.
- Users shall be able to associate one or more video cameras to the following entity types: doors, elevator and hardware zones (input points), and more to allow for future expansion.
- The ACCESS CONTROL SYSTEM shall support unit configuration through a preconfigured door template
- The ACCESS CONTROL SYSTEM shall permit multiple access rules to be associated to a door.
- It shall be possible to view video associated with access control events when viewing a report allowing for future use if so desired.
- The ACCESS CONTROL SYSTEM shall support one or more cameras per door. Video shall then be associated to door access events, such as access grant or access denied in the future.
- Unlocking schedules shall be programmable for readerless doors
- Must be compatible with Axis, Mercury and Allegion Hardware
- Must support video Intercom usage through the access control platform.
- Must support encryption and server hardening
- shall support encryption for all communications with its databases
- Must be ONVIF complaint
- All audio streams supplied from IP video servers shall be digitally encoded in g711 (u-law), g721, g723, or AAC compression formats and recorded simultaneously in real time.

SECTION 004113.06 – **GENERAL TRADES AND SITE COMBINATION BID FORM**

To: Lauderdale County Board of Supervisors
Meridian, MS

Re: Project Number: 19-4894B

The undersigned, having examined the Contract Documents and being familiar with the contents contained therein all of which are on file in the office of LPK Architects, P.A., Meridian, MS, does hereby propose to furnish and deliver all labor, materials, and equipment necessary for the successful completion of the Contract on which we submit a bid according to Plans and Specifications as follows:

Lauderdale County Public Safety Building:

BASE BID AMOUNT **(For all General Trades and Site Work)**

$_____Dollars _____
Words

ALTERNATES

ALTERNATE #1: Replace CMU perimeter wall and access gates at rear of PSB with 10'-0" high vinyl coated chain link w/ razor wire and screening with automatic gates. Delete 8'-0" high aluminum picket fence, gates and operators in front of PSB (secure deputy parking area).

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #2: Remove PSB Garage and CID covered parking at rear of PSB. Concrete slab at PSB Garage to be replaced with concrete paving. Stairs at rear exit to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #3: Remove new construction (steel framing / concrete slab) at Mezzanine M001. Existing stairs to remain; provide flooring/walls for access from top of existing stairs to opening in existing Mezzanine.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____
Words

ALTERNATE #4: Remove LEMA/E-911/VFD from scope of project. Rough-in's to remain; Training Rooms to remain.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

ALTERNATE #5: Remove all landscape and irrigation from the contract, however, sleeves shall be installed as shown on the irrigation plan as a part of the base bid.

ADD ( ) DEDUCT ( ) N/A ( )

$_____Dollars _____

Words

COMPLETION TIME: The undersigned agrees that work to be performed under this contract must be substantially complete within 365 Days. Substantial completion may be established separately for each project. Prior to award, the Contractor shall provide schedule documentation acceptable to the Construction Manager within 10 calendar days to develop the Master Project Schedule that best meets the Project Schedule Requirements as determined by the Owner. Contractors agree that the Master Project Schedule as approved by the Construction Manager, Architect, and the Owner will be the Master Project Schedule for the Project. Contractors shall cooperate fully with Owner forces or separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying the Work.

ADDENDA: Receipt of the following Addenda is acknowledged:

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

No.____Date_____ No.____Date_____

ACCEPTANCE: I agree to hold this proposal open for acceptance for forty-five (45) days after the bid date, and certify that I am authorized to enter my firm into a binding contact if this proposal is accepted.

Signature_____Date _____

Name and Title _____

Name of Business _____

Address _____

City/State/Zip Code _____

Phone/Fax _____

Certificate of Responsibility Numbers(s):_____

DO NOT ENCLOSE THIS PAGE WITH BID

A. Submittal: Enclose the following in envelope.
   1. Proposal in duplicate on form furnished
   2. Bid Security.
   3. Addenda.

B. Envelope:

Seal envelope and mark on face:

Contractor's name and address
(upper left corner)

Certificate of Responsibility #
(lower left hand corner)

END OF SECTION 004113.06

4523 Office Park Drive
Jackson, MS 39206
Phone (601) 982-3313
Fax (601) 982-7685

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION

April 26, 2021

barmstrong@lpkarchitects.com

Mr. Benji Armstrong
LPK ARCHITECTS

RE: Lauderdale County Public Safety Building
S&W #220075

Dear Benji;

Please add the following electrical changes to an addendum on the subject project.

ELECTRICAL ADDENDUM ITEMS

1. Replace the original electrical drawings with attached drawing sheets E001, E002. E101R, E201R, E202R, E203R, E204R, E205R, E206, E301R, E302R, E303R, & E401R.

   Major Changes included in the revised drawings include, but are not limited to, the following:

   a. Omitted Engine Generator #2 and associated ATS and electrical distribution equipment.

   b. Added 3-Way Tripleswitch Manual Transfer Switch and Panelboard "XHDP" to the emergency power service.

   c. Added maintenance platforms to Engine Generator #1.

   d. Floor plan revisions at the Sheriff's Office gang toilets/showers/locker rooms.

   e. Floor plan revisions at the Sheriff's Office main electrical rooms and telecomm. room.

   f. Defined boundary lines for Alternate Bid #2 and Alternate Bid #4. Alternate Bid floor plan, site plan and supplemental drawings to be issued in a following Addendum.

END OF ELEC. ADDENDUM ITEMS

Contact me with questions or comments.

Sincerely,

John M. Wynne, P.E.

JOHN M. WYNNE
REGISTERED PROFESSIONAL
ENGINEER
#11869
STATE OF MISSISSIPPI

LAUDERDALE COUNTY PUBLIC SAFETY BUILDING

MERIDIAN, MS 39301

CONSTRUCTION DOCUMENTS
PROJECT NUMBER: 19-4894B
MARCH 18, 2021

MATERIALS LEGEND:

CONCRETE BLOCK	CONCRETE IN SECTION	RIGID INSULATION, EIFS AS NOTED
BRICK	SOIL IN SECTION	PLYWOOD
METAL IN SECTION	CRUSHED STONE	FINISH WOOD
GYP. BOARD, PLASTER, OR CONCRETE IN PLAN AS NOTED	BATT INSULATION	WOOD FRAMING

ARCHITECTURAL ABBREVIATIONS:

ACT	ACOUSTICAL CEILING TILE
ADD'M	ADDENDUM
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
ANOD	ANODIZED
ARCH	ARCHITECTURAL
BD	BOARD
BLKG	BLOCKING
BLDG	BUILDING
CER	CERAMIC
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CJ	CONTROL JOINT
CONST	CONSTRUCTION
CONT	CONTINUOUS
DET	DETAIL
DWGS	DRAWINGS
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISHED
FL	FLOOR
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GYP	GYPSUM
H	HEAD
HCWD	HOLLOW CORE WOOD DOOR
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
INSUL	INSULATION
INT	INTERIOR
J	JAMB
JT	JOINT
LBS	POUNDS
LAM	LAMINATE OR LAMINATED
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MO	MASONRY OPENING
MTD	MOUNTED
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
OC	ON CENTER
OD	OUTSIDE DIAMETER
P	PLASTIC
PARA	PARAGRAPH
PART	PARTITION
PL	PLATE OR PLATED
PLYWD	PLYWOOD
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PTD	PAINTED
PTDD	PAPER TOWEL DISPENSER
PVC	AND/OR DISPOSAL POLYCINYL CHLORIDE
R	RADIUS
RAG	RETURN AIR GRILLE
RB	RUBBER BASE
REF	REFRIGERATOR
REINF	REINFORCING
REQ'D	REQUIRED
RT	RUBBER THRESHOLD
S	SILL
SCWD	SOLID CORE WOOD DOOR
SHT	SHEET
SIM	SIMILAR
SQFT	SQUARE FEET
SS	STAINLESS STEEL
STRUCT	STRUCTURAL
SUP	SUPPLEMENTAL
SUSP	SUSPENDED
THKNS	THICKNESS
TPH	TOILET PAPER HOLDER
TRTD	TREATED
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VWC	VINYL WALL COVERING
W/	WITH
WD	WOOD
WT	WEIGHT

ARCHITECTURAL NOTES:

1. CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS, INCLUDING EXISTING UTILITY LOCATIONS, TO DETERMINE THE SCOPE AND NATURE OF THE WORK NECESSARY FOR THE COMPLETION OF THE PROJECT.
2. THE CONTRACTOR SHALL CAREFULLY REVIEW ALL DRAWINGS, SPECIFICATIONS AND ANY ADDENDA FOR THE PROJECT TO DETERMINE THE COMPLETE SCOPE AND NATURE OF THE WORK TO BE PERFORMED. ANY QUESTIONS OR DISCREPANCIES AS TO THE NATURE OR INTENT OF THE WORK TO BE PERFORMED SHALL BE DIRECTED TO THE ARCHITECT PRIOR TO BIDDING FOR A DETERMINATION OF WORK REQUIRED. UNLESS STATED OTHERWISE BY THE ARCHITECT, WHERE A CONFLICT OR DISCREPANCY EXISTS, THE MOST COSTLY OR MOST STRINGENT CONDITION SHALL APPLY.
3. CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE AND INTERRUPTION OF UTILITIES FOR THE PROJECT WITH THE OWNER TO MINIMIZE DISRUPTION OF ACTIVITIES AND FUNCTIONS.
4. THE CONTRACTOR SHALL EXERCISE CARE AND TAKE APPROPRIATE PRECAUTIONARY MEASURES TO PREVENT ANY DAMAGE TO THE EXISTING STRUCTURES, SIDEWALKS, UTILITIES, COMMUNICATIONS, ETC., DURING THE PROJECT. THE CONTRACTOR SHALL CORRECT ALL DAMAGE CAUSED BY OR DURING THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY REQUIRED AGENCIES OR UTILITIES AND FOLLOWING APPLICABLE PROCEDURES PRIOR TO ANY EXCAVATION.
5. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO ORDERING MATERIALS AND COMMENCING WORK.
6. THE CONTRACTOR SHALL ENSURE THAT HIS EQUIPMENT AND MATERIALS ARE STORED IN A SAFE AND SECURE MANNER IN AN AREA DESIGNATED BY THE OWNER, AND SHALL ENSURE THAT ALL WORK BE PERFORMED IN ACCORDANCE WITH SAFETY REGULATIONS AND SAFE STANDARDS OF PRACTICE FOR THE SAFETY OF THE WORKERS AND USERS OF THE BUILDING DURING THE PROJECT.
7. NOT EVERY CONDITION HAS BEEN DETAILED. WHERE SPECIFIC DETAILING IS NOT SHOWN, CONTACT ARCHITECT FOR INSTRUCTIONS. THEN, EXECUTE THE CONSTRUCTION IN A SOUND, WORKMANLIKE MANNER CONSISTENT WITH ACCEPTED BUILDING PRACTICES AND OTHER DETAILING SHOWN.
8. WHERE STANDARD DETAILS ARE SHOWN TO BE TYPICAL, THEY SHALL BE CONSIDERED TO BE APPLICABLE IN ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT AND APPLICABLE BUILDING CODES, FIRE CODES AND REGULATIONS.
10. ALL WORK AREAS SHALL BE LEFT CLEAN & PRESENTABLE UPON COMPLETION OF THE WORK DAY. DAILY CLEANUP REQUIRED IN AREAS OF DAILY ACTIVITY. CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE PROJECT SITE AS NEEDED AND SHALL PERFORM FINAL CLEANUP UPON COMPLETION OF THE PROJECT.

PROJECT DIRECTORY:

ARCHITECT
LPK ARCHITECTS, P.A.
821 22ND AVENUE
P.O. BOX 630
MERIDIAN, MS 39301

P: 601-693-9990
F: 601-693-8640

CONSTRUCTION MANAGEMENT
W.G. YATES & SONS
CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350

P: 601-656-5411
F: 601-663-4140

SURVEY
PRITCHARD ENGINEERING, INC.
100 MILEY ROAD
STARKVILLE, MS 39759

P: 662-324-2205
F: 662-324-2092

CIVIL / STRUCTURAL
SPENCER - ENGINEERS, INC.
2508 LAKELAND DRIVE, SUITE 200
FLOWOOD, MS 39232

P: 601-982-7766
F: 601-982-7769

MECHANICAL
ENGINEERING RESOURCE GROUP, INC.
350 EDGEWOOD TERRACE DRIVE
JACKSON, MS 39206

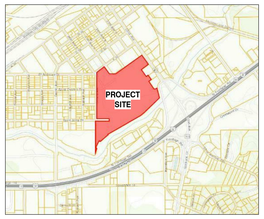
P: 601-362-3552
F: 601-366-6418

ELECTRICAL
SCHULTZ & WYNNE, P.A.
4523 OFFICE PARK DRIVE
JACKSON, MS 39206

P: 601-982-3313
F: 601-982-7685

⚠
LANDSCAPE
CHRISTIAN PREUS LANDSCAPE ARCHITECTURE
1011 DESOTO STREET
OCEAN SPRINGS, MS 39564

P: 855-539-5086
F: 228-539-7990





VICINITY MAP
NOT TO SCALE

PROJECT DATA:

PROJECT DESCRIPTION
RENOVATIONS AND ADDITIONS TO AN EXISTING 28,409 SF SINGLE STORY BUILDING WITH A 1,922 SF ADDITION AT THE REAR INCLUDING SITEWORK AND PARKING SURROUNDING THE BUILDING. THIS WILL BE THE NEW LAUDERDALE COUNTY PUBLIC SAFETY BUILDING.

JURISDICTION
CITY OF MERIDIAN
BUILDING & INSPECTION
P.O. BOX 1430
723 23RD AVENUE
MERIDIAN, MS 39302
PHONE NUMBER: (601) 485-1900
EMAIL: building_inspection@meridianms.org

ZONING INFORMATION

ZONING:	B4 - REGIONAL BUSINESS DISTRICT
FRONT YARD:	30'-0"
SIDE YARD:	10'-0"
REAR YARD:	0'-0"
MAX. BUILDING HEIGHT:	50'-0"
IMPERVIOUS AREA ALLOWED:	90% (OF TOTAL SITE AREA)

DESIGN CODES
2018 INTERNATIONAL BUILDING CODE
2020 NATIONAL ELECTRICAL CODE
2012 INTERNATIONAL FIRE CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL CODE
2018 INTERNATIONAL PLUMBING CODE

TYPE OF CONSTRUCTION: TYPE IIB, S1 - SPRINKLERED

OCCUPANCY: MIXED OCCUPANCY
B (BUSINESS) / STORAGE (S-1)
ACCESSORY OCCUPANCY: R-1

MAXIMUM TRAVEL DISTANCE ALLOWED: 250 FEET

DEAD END CORRIDOR DISTANCE: 50 FEET

NUMBER OF STORIES
ALLOWED: 3-STORIES
ACTUAL: 1-STORIES

HEIGHT OF BUILDING
ALLOWED: 75'-0"
ACTUAL: 33'-4"

BUILDING AREA
ALLOWABLE: 70,000 S.F.

ACTUAL: 28,409 S.F. (EXISTING)
1,922 S.F. (ADDITION)
30,331 S.F. TOTAL

LIFE SAFETY LOAD CALCULATIONS

AREA SQ.FT.	LOAD FACTOR	OCCUPANT LOAD CALCULATED LOAD
ACCESSORY STORAGE AREA / MECHANICAL ROOM		
5520 SF		33
ASSEMBLY - CONCENTRATED (CHAIRS ONLY / NOT FIXED)		
1701 SF	7	244
ASSEMBLY - FIXED SEATING		
411 SF	0	27
ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS)		
1868 SF	15	129
BUSINESS AREAS - 2018		
8299 SF	150	83
EDUCATIONAL - SHOPS / VOCATIONAL ROOMS		
1671 SF	50	34
INDUSTRIAL AREAS		
1341 SF	100	14
LOCKER ROOMS		
588 SF	50	13
PARKING GARAGES		
2288 SF	200	12
RESIDENTIAL		
190 SF	200	1
23877 SF		TOTAL OCCUPANTS: 590

REQUIRED EXIT WIDTH / FLOOR: FIRST FLOOR 590 OCC. * .2 = 118"

NUMBER OF PARKING SPACES:
REQUIRED: 102 SPACES (BUSINESS USE / 1 PER 300 SF)
PROPOSED: 139 SPACES
ACCESSIBLE: 6 SPACES
TOTAL: 145 SPACES

FIRE PROTECTION HOURLY RATING FOR ALL STRUCTURAL COMPONENTS AND SEPARATION OF HAZARDS COMPONENTS REQUIRED BY THE APPLICABLE BUILDING CODE

0 COLUMNS	0 BEAMS	0 WALLS
0 FLOOR/CEILING	0 ROOF/CEILING	0 ROOF COVERING
0 CORRIDORS	N/A SHAFT ENCLOSURES	N/A STAIR ENCLOSURE
N/A TENANT SEPARATIONS		
N/A OCCUPANCY SEPARATIONS		

SPRINKLER SYSTEM TYPE - YES
STANDPIPE SYSTEM - YES
FIRE/ SMOKE ALARM SYSTEM - YES

LPK architects
ARCHITECTURE ◦ INTERIOR DESIGN
PLANNING ◦ CONSTRUCTION MANAGEMENT

INDEX OF DRAWINGS

SHEET NUMBER	SHEET NAME	REVISION NUMBER	REVISION DATE
01 - COVER SHEET			
CVR	COVER SHEET	1	04/26/2021
02 - LIFE SAFETY			
LS101	LIFE SAFETY PLAN	1	04/26/2021
03 - CIVIL			
C1.0	EXISTING SITE SURVEY		
C100	OVERALL EXISTING SITE AND DEMOLITION PLAN		
C101	EXISTING SITE AND DEMOLITION PLAN - PUBLIC SAFETY BUILDING		
C102	EXISTING SITE AND DEMOLITION PLAN - COURTHOUSE		
C103	EXISTING SITE AND DEMOLITION PLAN - ENTRY DRIVE		
C200	OVERALL SITE PLAN	1	04/26/2021
C201	SITE PLAN - PUBLIC SAFETY BUILDING	1	04/26/2021
C202	SITE PLAN - COURTHOUSE		
C300	OVERALL GRADING AND DRAINAGE PLAN	1	04/26/2021
C301	GRADING AND DRAINAGE PLAN - PUBLIC SAFETY BUILDING	1	04/26/2021
C302	GRADING AND DRAINAGE PLAN - COURTHOUSE	1	04/26/2021
C303	EROSION AND SEDIMENTATION CONTROL PLAN		
C400	OVERALL UTILITY PLAN	1	04/26/2021
C401	UTILITY PLAN - PUBLIC SAFETY BUILDING	1	04/26/2021
C402	UTILITY PLAN - COURTHOUSE	1	04/26/2021
C500	SITE DETAILS		
C501	SITE DETAILS		
C502	SITE DETAILS	1	04/26/2021
C503	SITE DETAILS		
3 1- LANDSCAPE			
I-100	IRRIGATION PLAN FOR LAUDERDALE PUBLIC SAFETY BUILDING	1	04/26/2021
I-101	IRRIGATION DETAILS FOR LAUDERDALE PUBLIC SAFETY BUILDING	1	04/26/2021
L-100	LANDSCAPE PLAN FOR LAUDERDALE PUBLIC SAFETY BUILDING	1	04/26/2021
L-101	LANDSCAPE DETAILS FOR LAUDERDALE PUBLIC SAFETY BUILDING	1	04/26/2021
04 - ARCHITECTURAL			
A000	GENERAL NOTES AND ACCESSIBILITY DETAILS		
A001	UL DESCRIPTIONS		
A002	UL DESCRIPTIONS		
A003	WALL TYPES		
A100	SITE PLAN	1	04/26/2021
A100D	DEMOLITION ROOF PLAN		
A101	FIRST FLOOR PLAN	1	04/26/2021
A102	DIMENSION FLOOR PLAN	1	04/26/2021
A103	MEZZANINE PLAN		
A104	ROOF PLAN		
A105	REFLECTED CEILING PLAN & DETAILS	1	04/26/2021
A201	EXTERIOR ELEVATIONS		
A202	3D VIEWS		
A301	BUILDING SECTIONS		
A302	BUILDING SECTIONS	1	04/26/2021
A311	WALL SECTIONS		
A312	WALL SECTIONS		
A401	ENLARGED PLANS	1	04/26/2021
A402	ENLARGED PLANS	1	04/26/2021
A501	PLAN DETAILS		
A511	SECTION DETAILS		
A611	OPENING SCHEDULE	1	04/26/2021
A631	HJS DETAILS		
A701	INTERIOR ELEVATIONS	1	04/26/2021
A801	MILLWORK DETAILS		
F101	INTERIOR FINISH PLAN	1	04/26/2021
05 - STRUCTURAL			
S100	STRUCTURAL GENERAL NOTES		
S101	FOUNDATION AND FLOOR FRAMING PLAN	1	04/26/2021
S102	LEMA ROOF FRAMING PLAN	1	04/26/2021
S103	ROOF FRAMING PLAN		
S104	SITE WALL PLAN	1	04/26/2021
S201	FOUNDATION DETAILS		
S202	FOUNDATION DETAILS	1	04/26/2021
S301	CMU WALL AND STEEL DETAILS		
S302	CMU WALL AND STEEL DETAILS		
S303	CMU WALL AND STEEL DETAILS	1	04/26/2021
S304	CMU WALL AND STEEL DETAILS		
06 - PLUMBING			
P001	PLUMBING LEGEND, ABBREVIATIONS AND SYMBOLS		
P101	FLOOR PLAN - BELOW FLOOR PLUMBING	1	04/26/2021
P102	FLOOR PLAN - PLUMBING SANITARY	1	04/26/2021
P103	FLOOR PLAN - PLUMBING SUPPLY	1	04/26/2021
P301	PLUMBING DETAILS		
P302	PLUMBING RISERS		
P303	PLUMBING RISERS		
P401	PLUMBING SCHEDULES		
07 - FIRE PROTECTION			
FP101	FLOOR PLAN - FIRE PROTECTION	1	04/26/2021
FP401	FIRE PROTECTION DETAILS AND SCHEDULES		
08 - MECHANICAL			
M001	HVAC LEGENDS, ABBREVIATIONS AND NOTES		
M100	OVERALL FLOOR PLAN - HVAC	1	04/26/2021
M101	FIRST FLOOR HVAC PLAN - PART 'A'		
M102	FIRST FLOOR HVAC PLAN - PART 'B'	1	04/26/2021
M103	FIRST FLOOR HVAC PLAN - PART 'C'		
M104	FIRST FLOOR HVAC PLAN - PART 'D'		
M105	MEZZANINE HVAC FLOOR PLAN		
M106	ROOF PLAN - HVAC	1	04/26/2021
M107	FIRST FLOOR HVAC THERMOSTAT PLAN - PART 'A'		
M108	FIRST FLOOR HVAC THERMOSTAT PLAN - PART 'B'	1	04/26/2021
M109	FIRST FLOOR HVAC THERMOSTAT PLAN - PART 'C'		
M110	FIRST FLOOR HVAC THERMOSTAT PLAN - PART 'D'		
M501	HVAC DETAILS		
M601	HVAC SCHEDULES	1	04/26/2021
M602	HVAC SCHEDULES	1	04/26/2021
M701	HVAC CONTROLS		
M702	HVAC CONTROLS		
M703	HVAC CONTROLS		
09 - ELECTRICAL			
E001	ELECTRICAL SYMBOLS LEGEND	1	04/26/2021
E002	ELECTRICAL SCHEDULES AND DETAILS	1	04/26/2021
E101R	ELECTRICAL SITE PLAN LIGHTING, POWER AND COMMUNICATION SYSTEMS	1	04/26/2021
E201R	ELECTRICAL FLOOR PLAN LIGHTING SYSTEMS	1	04/26/2021
E202R	ELECTRICAL FLOOR PLAN POWER SYSTEMS	1	04/26/2021
E203R	ELECTRICAL FLOOR PLAN SPECIAL SYSTEMS	1	04/26/2021
E204R	ELECTRICAL FLOOR PLAN COMMUNICATION SYSTEMS	1	04/26/2021
E205R	ELECTRICAL FLOOR PLAN SAFETY AND SECURITY SYSTEMS	1	04/26/2021
E206R	ELECTRICAL FLOOR PLANS MEZZANINE LEVEL	1	04/26/2021
E301R	ELECTRICAL POWER RISER DIAGRAM AND DETAILS	1	04/26/2021
E302R	ELECTRICAL SCHEDULES	1	04/26/2021
E303R	ELECTRICAL SCHEDULES	1	04/26/2021
E401R	TELECOMMUNICATIONS WIRING DIAGRAM AND DETAILS	1	04/26/2021
SHEETS IN THE SET: 103			

⚠

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect
821 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.9990
F: 601.693.8640

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method is prohibited. LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:
Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LaCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT
ROBERT E. LAKE
1921
STATE OF MISSISSIPPI
3-18-21

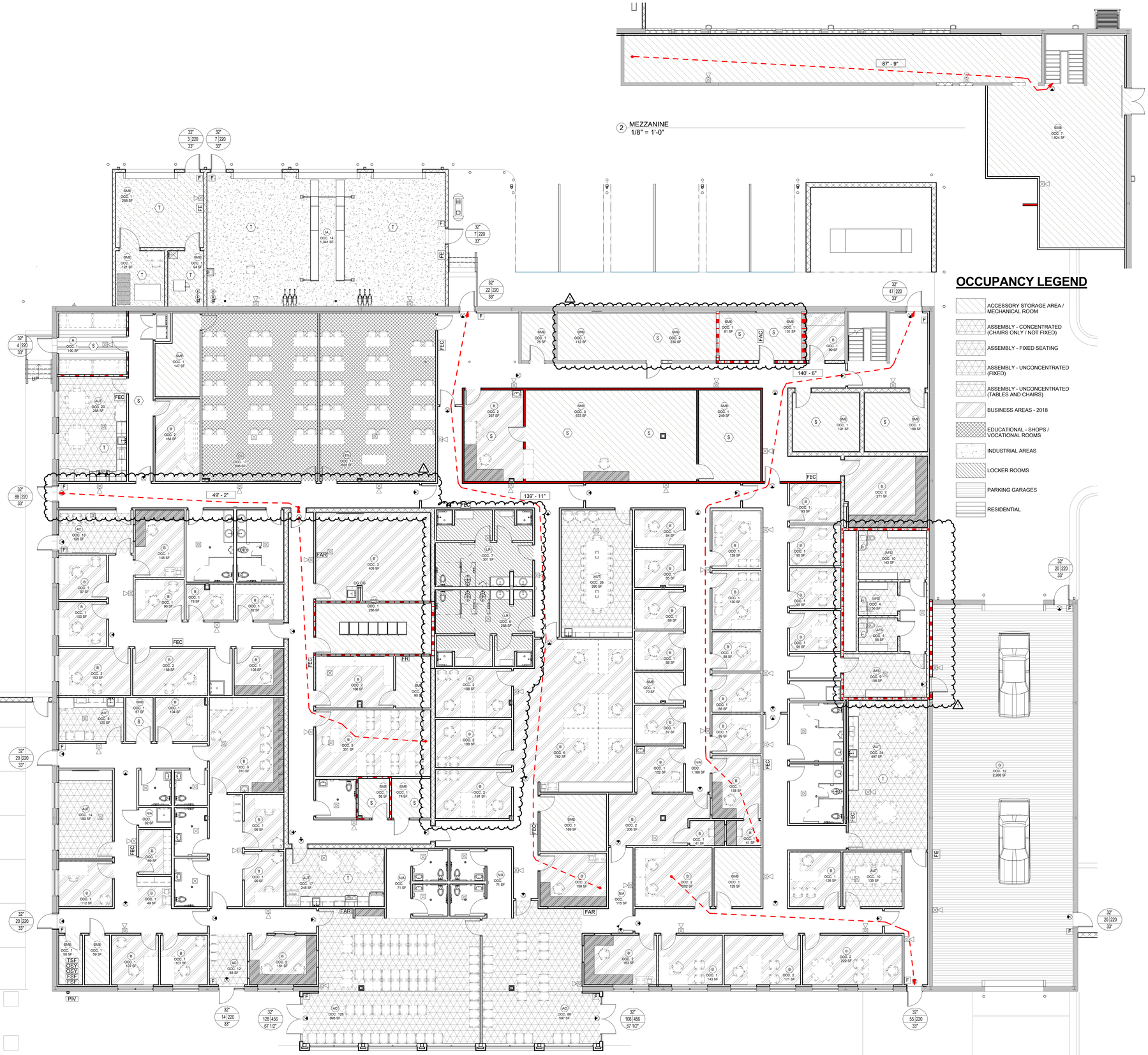
REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE
COVER SHEET

PROJECT NO.: 19-4894B
SHEET ISSUED: 03/18/2021
DRAWN BY: CL
REVIEWED BY: JS
SHEET NO.
CVR

BIM 360://Lauderdale County Government Complex/CL-Public_Safety.rvt
4/20/2021 5:07:32 PM



OCCUPANCY LEGEND

- ACCESSORY STORAGE AREA / MECHANICAL ROOM
- ASSEMBLY - CONCENTRATED (CHAIRS ONLY / NOT FIXED)
- ASSEMBLY - FIXED SEATING
- ASSEMBLY - UNCONCENTRATED (FIXED)
- ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS)
- BUSINESS AREAS - 2018
- EDUCATIONAL - SHOPS / VOCATIONAL ROOMS
- INDUSTRIAL AREAS
- LOCKER ROOMS
- PARKING GARAGES
- RESIDENTIAL

BUILDING OCCUPANCY

BUILDING OCCUPANCY CLASSIFICATIONS PER IBC CHAPTERS 3, 4, 5

BUILDING OCCUPANCY GROUP: *IBC CHAPTER 3*

○ GROUP A-1	○ GROUP H-1	○ GROUP M
○ GROUP A-2	○ GROUP H-2	● GROUP R-1
○ GROUP A-3	○ GROUP H-3	○ GROUP R-2
○ GROUP A-4	○ GROUP H-4	○ GROUP R-3
○ GROUP A-5	○ GROUP H-5	○ GROUP R-4
● GROUP B	○ GROUP I-1	○ GROUP S-1
○ GROUP E	○ GROUP I-2	○ GROUP S-2
○ GROUP F-1	○ GROUP I-3	○ GROUP U
○ GROUP F-2	○ GROUP I-4	

MIXED USE / OCCUPANCY:	*IBC SECTIONS 508 / 509*
● ACCESSORY OCCUPANCIES	*IBC SECTION 508.2*
○ NONSEPARATED OCCUPANCIES	*IBC SECTION 508.3*
○ SEPARATED OCCUPANCIES	*IBC SECTION 508.4*
○ INCIDENTAL USES	*IBC SECTION 509*
SPECIAL REQUIREMENTS:	*IBC CHAPTERS 4, 5*
○ HIGH-RISE BUILDING	*IBC SECTION 403*
○ ATRIUM	*IBC SECTION 404*
○ HAZARDOUS MATERIALS	*IBC SECTION 414*
● MEZZANINE	*IBC SECTION 505.2*
○ EQUIPMENT PLATFORM	*IBC SECTION 505.3*

CONSTRUCTION TYPE AND ALLOWABLE BUILDING AREA

BUILDING AREAS AND CONSTRUCTION TYPE PER IBC CHAPTER 5

CONSTRUCTION TYPE: *IBC CHAPTER 5*

CLASS \ TYPE	I	II	III	IV	V
A					
B		●			
HT					

BUILDING AREA MODIFICATIONS:	*IBC CHAPTER 5*
○ AUTOMATIC SPRINKLER SYSTEM	
○ HEIGHT INCREASE	*IBC SECTION 504.3*
○ AREA INCREASE	*IBC SECTION 506.2*
○ FRONTAGE INCREASE	*IBC SECTION 506.3*
○ UNLIMITED AREA	*IBC SECTION 507*

BUILDING AREA AND HEIGHT: *IBC TABLE 506.2 / 504.3*

MAXIMUM AREA ALLOWED:	92,000 SF
ACTUAL BUILDING AREA:	30,331 SF
MAXIMUM HEIGHT ALLOWED:	75 FT
ACTUAL BUILDING HEIGHT:	33'-4"

FIRE RESISTANCE RATING REQUIREMENTS

FIRE RESISTANCE RATING REQUIREMENTS PER IBC TABLE 601

TYPE OF CONSTRUCTION:	IIB
PRIMARY STRUCT FRAME:	0 HOURS
BEARING WALLS (EXT):	0 HOURS
BEARING WALLS (INT):	0 HOURS
NONBEARING WALLS AND PARTITIONS (EXT):	PER IBC TABLE 602
NONBEARING WALLS AND PARTITIONS (INT):	0 HOURS
FLOOR CONSTRUCTION:	0 HOURS
ROOF CONSTRUCTION:	0 HOURS

IBC TABLE 602: EXTERIOR WALL FIRE RATING

SEPERATION DISTANCE	CONS TYPE	OCCUPANCY GROUP H	F-1, M, S-1	A, B, E, F-2, I, R, S-2, U
X < 5	ALL	3	2	1
5 ≤ X ≤ 10	IA	3	2	1
	OTHERS	2	1	1
10 ≤ X ≤ 30	IA, IB	2	1	1
	IIB, VB	1	0	0
	OTHERS	1	1	1
X ≥ 30	ALL	0	0	0

MEANS OF EGRESS

DOORS: *PER IBC 1010*

- THE CLEAR WIDTH OF AN EGRESS DOOR OPENING SHALL NOT BE LESS THAN 32" AND NOT MORE THAN 48". THE CLEAR HEIGHT OF AN EGRESS DOOR OPENING SHALL NOT BE LESS THAN 80".
- DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS OR A GROUP H OCCUPANCY.

STAIRWAYS: *PER IBC 1011*

- THE CLEAR WIDTH OF A STAIRWAY SHALL NOT BE LESS THAN 44". THE MINIMUM HEADROOM SHALL NOT BE LESS THAN 80" AS MEASURED FROM THE NOSING.

ADDITIONAL FIRE RESISTANCE RATING INFORMATION

DESCRIPTION	FIRE RATING	CODE
SHAFT / HOISTWAY ENCLOSURES		*PER IBC 713.4 / 3002.1*
• 4 STORIES OR GREATER	2 HR	
• LESS THAN 4 STORES	1 HR	
EXIT ENCLOSURES		*PER IBC 1022.2*
• 4 STORIES OR GREATER	2 HR	
• LESS THAN 4 STORES	1 HR	
EXIT PASSAGEWAYS	1 HR	*PER IBC 1023.3*

EGRESS CAPACITY FACTORS

EGRESS CAPACITY FACTORS ARE PER: IBC 1005

- AUTOMATIC SPRINKLER SYSTEM
- EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM

MINIMUM REQUIRED EGRESS WIDTH:	
STAIRWAYS:	0.2
OTHER EGRESS COMPONENTS:	0.15

LIFE SAFETY SYSTEMS:

LIFE SAFETY SYSTEMS ARE PER IBC CHAPTER 9

- AUTOMATC SPRINKLER SYSTEM PER NFPA 13
- FIRE ALARM SYSTEM PER NFPA 72
- PORTABLE FIRE EXTINGUISHERS PER NFPA 10
- STANDPIPE SYSTEM PER NFPA 14

MINIMUM NUMBER OF EXITS PER IBC TABLE 1006.3.2

OCCUPANT LOAD	MIN NUMBER OF EXITS PER STORY
1-500	2
501-1000	3
> 1000	4

SPACES WITH ONE EXIT PER IBC TABLE 1006.2.1

OCCUPANCY	MAXIMUM OCCUPANT LOAD
A, B, E, F, M, U	49
H-1, H-2, H-3	3
H-4, H-5, I, R-1	10
R-2, R-3, R-4	20
S	29

LIFE SAFETY PLAN LEGEND

AREA OCCUPANCY TAG
(AUT) OCC. # # / 150 SF
- AREA OCCUPANT TYPE
- AREA OCCUPANT LOAD
- AREA SQUARE FOOTAGE

DOOR / STAIR EGRESS TAG
REQ WIDTH / ACTUAL LOAD — 30" / 150 | 180 / 36" — MAX LOAD / ACTUAL WIDTH

- 0 HOUR RATED WALL
- 1 HOUR RATED WALL
- FE — WALL MOUNTED FIRE EXTINGUISHER
- F — FIRE ALARM PULL STATION
- CEILING MOUNTED FIRE ALARM COMBINATION AUDIO/VISUAL SPEAKER STROBE DEVICE
- CEILING MOUNTED FIRE ALARM VISUAL STROBE DEVICE
- EXIT SIGN
- S — CEILING MOUNTED SMOKE DETECTOR DEVICE
- FAC — FIRE ALARM CONTROL PANEL
- FEC — FIRE EXTINGUISHER CABINET MTD W/ HIGHEST OPERABLE PART @ 48" AFF MAX
- INDICATES DISTANCE TO EXIT (###)
- PATH OF TRAVEL

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

611 22ND AVENUE P. O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication by any method, in whole or part, of LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

THE GREAT SEAL OF THE STATE OF MISSISSIPPI

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT ROBERT E. LAKE 10303 1921 STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

LIFE SAFETY PLAN

PROJECT NO.: 19-4894B

SHEET ISSUED: 03/18/2021

DRAWN BY: CL

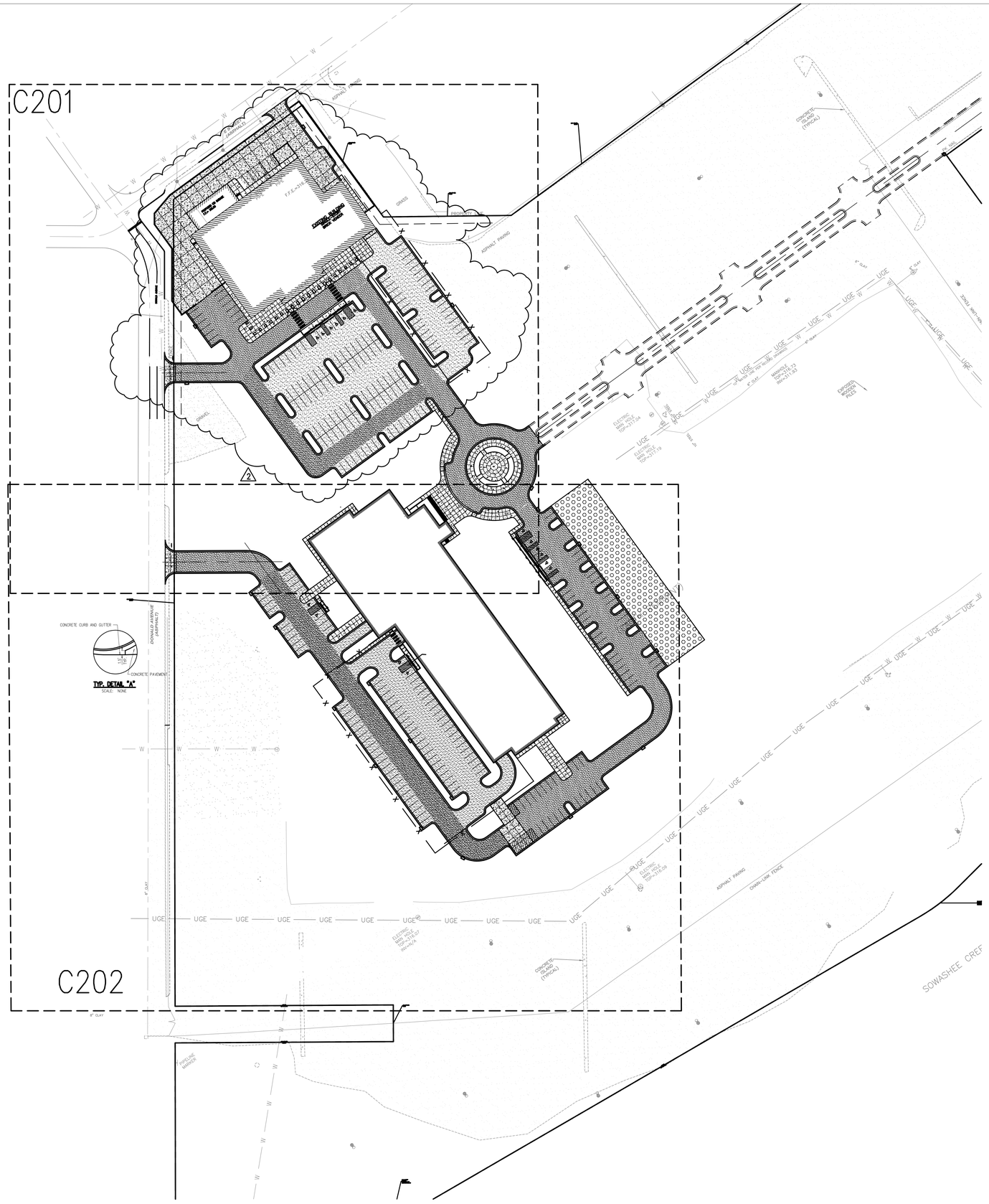
REVIEWED BY: JS

SHEET NO.

LS101

BIM 360://Lauderdale County Government Complex/Bldg_Central.rvt

4/20/2021 5:08:46 PM



LEGEND

NEW	EXISTING	DESCRIPTION
		BUILDING
	ASPHALT	HEAVY DUTY ASPHALT PAVEMENT
	ASPHALT	LIGHT DUTY ASPHALT PAVEMENT
		CONCRETE PAVEMENT
		CONCRETE SIDEWALK
		CONCRETE CURB AND GUTTER

SITE PLAN

SCALE: 1" = 60'

60 0 60 120 180

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS AND PAYING ALL APPLICABLE FEES REQUIRED FOR CONSTRUCTION PURPOSES AND UTILITY HOOKUPS.
2. DIMENSIONS SHOWN ARE FACE OF CURB TO FACE OF CURB.
3. ALL DISTURBED AREAS NOT RECEIVING PAVEMENT OR LANDSCAPING SHALL BE GRASSED UNLESS NOTED TO BE SODDED.
4. CONCRETE SIDEWALKS SHALL BE 4" THICK UNLESS NOTED OTHERWISE.
5. SIGNS AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES"..

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
611 22ND AVENUE P.O. BOX 5161
MERIDIAN, MISSISSIPPI 39302
P: 601.693.3444
F: 601.693.3443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents by any party other than LPK Architects P.A. will result in all re-uses and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Government Complex Early Site and Utility Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4160

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MCGEE, REGISTERED PROFESSIONAL ENGINEER, STATE OF MISSISSIPPI, 2-11-21, 17092

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION

SHEET TITLE

OVERALL SITE PLAN

PROJECT NO.:	19-4894 D
SHEET ISSUED: 02/11/2021	SHEET NO. C200
DRAWN BY: KSM	
REVIEWED BY: KSM	

NEW WALL, SEE STRUCTURAL
8" CONC. PAVING W/ #4 @ 12" O.C., EA. WAY
NEW WALL, SEE STRUCTURAL
8" CONC. PAVING W/ #4 @ 12" O.C., EA. WAY
BOLLARDS, TYP.
0'-0" REAR YARD SETBACK
BOLLARD, TYP. (3)
PROPOSED OD GRADE F.F.=316.50
4" SIDEWALK, TYP.
6" TURNDOWN SIDEWALK
EXISTING BUILDING SINGLE STORY BRICK VENEER
SIDE YARD SETBACK
DONALD AVENUE
4" WIDE PAINTED WHITE PARKING STRIPE, TYP.
CURB AND GUTTER, TYP.
2' PAINTED WHITE STOP BAR
MAINTAIN GUTTER LINE
STOP SIGN
8" CONC. TURNOUT W/ #4 @ 12" O.C., EA. WAY
HEAVY DUTY ASPHALT PAVING, TYP.
GRAVEL
ASPHALT PAVING
SIDE YARD SETBACK
BOLLARDS, TYP.
8" CONC. RAMP W/ #4 @ 12" O.C., EA. WAY
BOLLARDS, TYP.
4" SIDEWALK, TYP.
NEW WALL, SEE STRUCTURAL
BOLLARDS, TYP.
8" CONC. RAMP W/ #4 @ 12" O.C., EA. WAY
PROPERTY LINE
GRASS
ASPHALT PAVING
F.F.E.=316.50
PIPE
PIPE
6" TURNDOWN SIDEWALK
GATE
SECURITY FENCE
FLUME, TYP.
4" WIDE PAINTED WHITE PARKING STRIPE, TYP.
LIGHT DUTY ASPHALT PAVING, TYP.
CONC. VEHICLE BARRIERS, TYP.
FLUSH CURB
CURB AND GUTTER, TYP.
4" WIDE PAINTED WHITE PARKING STRIPE, TYP.
LIGHT DUTY ASPHALT PAVING, TYP.
GATE
HEAVY DUTY ASPHALT PAVING, TYP.
INSIDE C&G SHALL BE "ROLL-OVER" CURB AND GUTTER
4" SIDEWALK, TYP.
FUTURE ENTRANCE ROAD
ELECTRIC MAN HOLE TOP=317.04
ELECTRIC MAN HOLE TOP=317.19
UGE
TELE
TAPER CURB TO 0", TYP.
4" SIDEWALK, TYP.
FLUSH CURB
TAPER CURB TO 0", TYP.
GRASSCRETE AREA 270'x62'
FLUME, TYP.
4" SIDEWALK, TYP.
2' PAINTED WHITE STOP BAR
MAINTAIN GUTTER LINE
STOP SIGN
8" CONC. TURNOUT W/ #4 @ 12" O.C., EA. WAY
HEAVY DUTY ASPHALT PAVING, TYP.

ADA PARKING LEGEND

- (A) 4" WIDE PAINTED BLUE STRIPE, TYP.
- (B) HANDICAP PARKING SIGN, TYP.
- (C) 4" WIDE PAINTED BLUE DIAGONAL STRIPES @ 2.5' O.C., TYP.
- (D) 6" HIGH CURB
- (E) HANDICAP PARKING SYMBOL, TYP.
- (F) VAN ACCESSIBLE SIGN
- (G) PARKING BLOCK, TYP.

ADA PARKING LEGEND

- (A) 4" WIDE PAINTED BLUE STRIPE, TYP.
- (B) HANDICAP PARKING SIGN, TYP.

LEGEND

NEW	EXISTING	DESCRIPTION
		BUILDING
	ASPHALT	HEAVY DUTY ASPHALT PAVEMENT
	ASPHALT	LIGHT DUTY ASPHALT PAVEMENT
		CONCRETE PAVEMENT
		CONCRETE SIDEWALK
		CONCRETE CURB AND GUTTER

SITE PLAN

SCALE: 1" = 30'

30 0 30 60 90

NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS AND PAYING ALL APPLICABLE FEES REQUIRED FOR CONSTRUCTION PURPOSES AND UTILITY HOOKUPS.
2. DIMENSIONS SHOWN ARE FACE OF CURB TO FACE OF CURB.
3. ALL DISTURBED AREAS NOT RECEIVING PAVEMENT OR LANDSCAPING SHALL BE GRASSED UNLESS NOTED TO BE SODDED.
4. CONCRETE SIDEWALKS SHALL BE 4" THICK UNLESS NOTED OTHERWISE.
5. SIGNS AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES"..

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7788

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
921 22ND AVENUE P.O. BOX 591
MERIDIAN, MISSISSIPPI 39302
P: 601.693.3000
F: 601.693.3443

These documents are the sole property of LPK Architects P.A. and are not to reused, Any unauthorized reproduction or publication of these documents by LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Government Complex Early Site and Utility Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4140

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MCGRATH — LICENSED PROFESSIONAL ENGINEER — 17092 — STATE OF MISSISSIPPI — 2-11-21

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION

SHEET TITLE

SITE PLAN - PUBLIC SAFETY BUILDING

PROJECT NO.: 19-4894 D

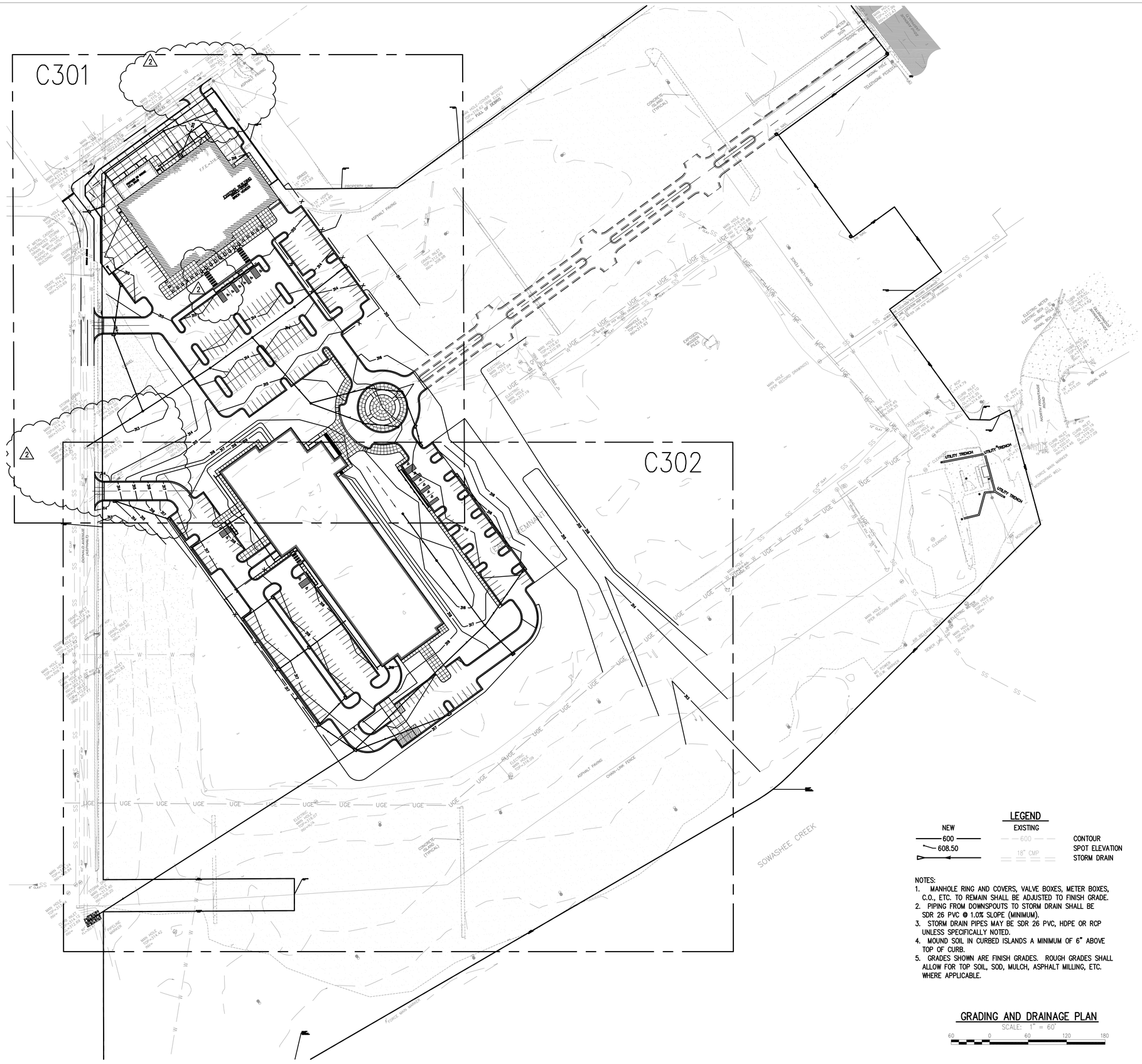
SHEET ISSUED: 02/11/2021

DRAWN BY: KSM

REVIEWED BY: KSM

SHEET NO.

C201



LEGEND

NEW	EXISTING	
600	600	CONTOUR
608.50		SPOT ELEVATION
	18" CMP	STORM DRAIN

NOTES:
1. MANHOLE RING AND COVERS, VALVE BOXES, METER BOXES, C.O., ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.
2. PIPING FROM DOWNSPOUTS TO STORM DRAIN SHALL BE SDR 26 PVC @ 1.0% SLOPE (MINIMUM).
3. STORM DRAIN PIPES MAY BE SDR 26 PVC, HDPE OR RCP UNLESS SPECIFICALLY NOTED.
4. MOUND SOIL IN CURBED ISLANDS A MINIMUM OF 6" ABOVE TOP OF CURB.
5. GRADES SHOWN ARE FINISH GRADES. ROUGH GRADES SHALL ALLOW FOR TOP SOIL, SOD, MULCH, ASPHALT MILLING, ETC. WHERE APPLICABLE.

GRADING AND DRAINAGE PLAN

SCALE: 1" = 60'

60 0 60 120 180

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

921 22ND AVENUE P.O. BOX 5161
MERIDIAN, MISSISSIPPI 39302
P: 601.693.3365
F: 601.693.3443

These documents are the sole property of LPK Architects P.A. and are not to reuse. Any unauthorized reproduction or publication by any method in whole or in part by LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Government Complex Early
Site and Utility Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4160

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MISSETH — LICENSED PROFESSIONAL ENGINEER — 2-11-21 — 17092 — STATE OF MISSISSIPPI

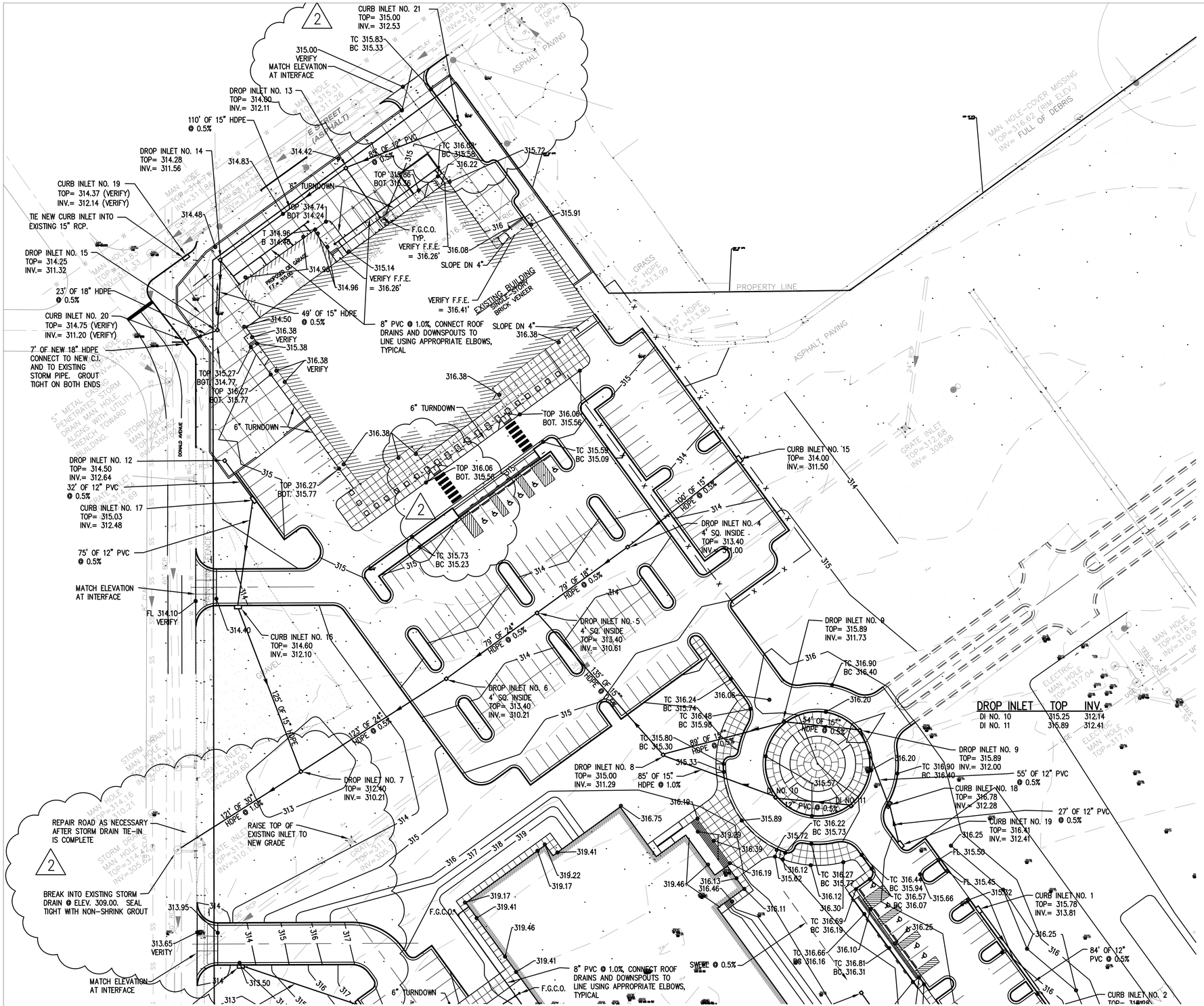
REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION

SHEET TITLE

OVERALL GRADING
AND DRAINAGE PLAN

PROJECT NO.:	19-4894 D
SHEET ISSUED: 02/11/2021	SHEET NO. C300
DRAWN BY: KSM	
REVIEWED BY: KSM	



GRADING AND DRAINAGE PLAN

SCALE: 1" = 30'

30 0 30 60 90

LEGEND

NEW	EXISTING	
600	600	CONTOUR
608.50		SPOT ELEVATION
	18" CMP	STORM DRAIN

NOTES:
1. MANHOLE RING AND COVERS, VALVE BOXES, METER BOXES, C.O., ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.
2. PIPING FROM DOWNSPOUTS TO STORM DRAIN SHALL BE SDR 26 PVC @ 1.0% SLOPE (MINIMUM).
3. STORM DRAIN PIPES MAY BE SDR 26 PVC, HDPE OR RCP UNLESS SPECIFICALLY NOTED.
4. MOUND SOIL IN CURBED ISLANDS A MINIMUM OF 6" ABOVE TOP OF CURB.
5. GRADES SHOWN ARE FINISH GRADES. ROUGH GRADES SHALL ALLOW FOR TOP SOIL, SOD, MULCH, ASPHALT MILLING, ETC. WHERE APPLICABLE.

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
921 22ND AVENUE P.O. BOX 5161
MERIDIAN, MISSISSIPPI 39302
P: 601.693.3000
F: 601.693.3443

These documents are the sole property of LPK Architects P.A. and are not to reuse. Any unauthorized reuse or modification of these documents without the written consent of LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Government Complex Early
Site and Utility Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

YATES CONSTRUCTION
W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-650-9160

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KELLETT SIMMONS JACKSON
REGISTERED PROFESSIONAL ENGINEER
2-11-21
17092
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION

SHEET TITLE

GRADING AND DRAINAGE PLAN - PUBLIC SAFETY BUILDING

PROJECT NO.: 19-4894 D

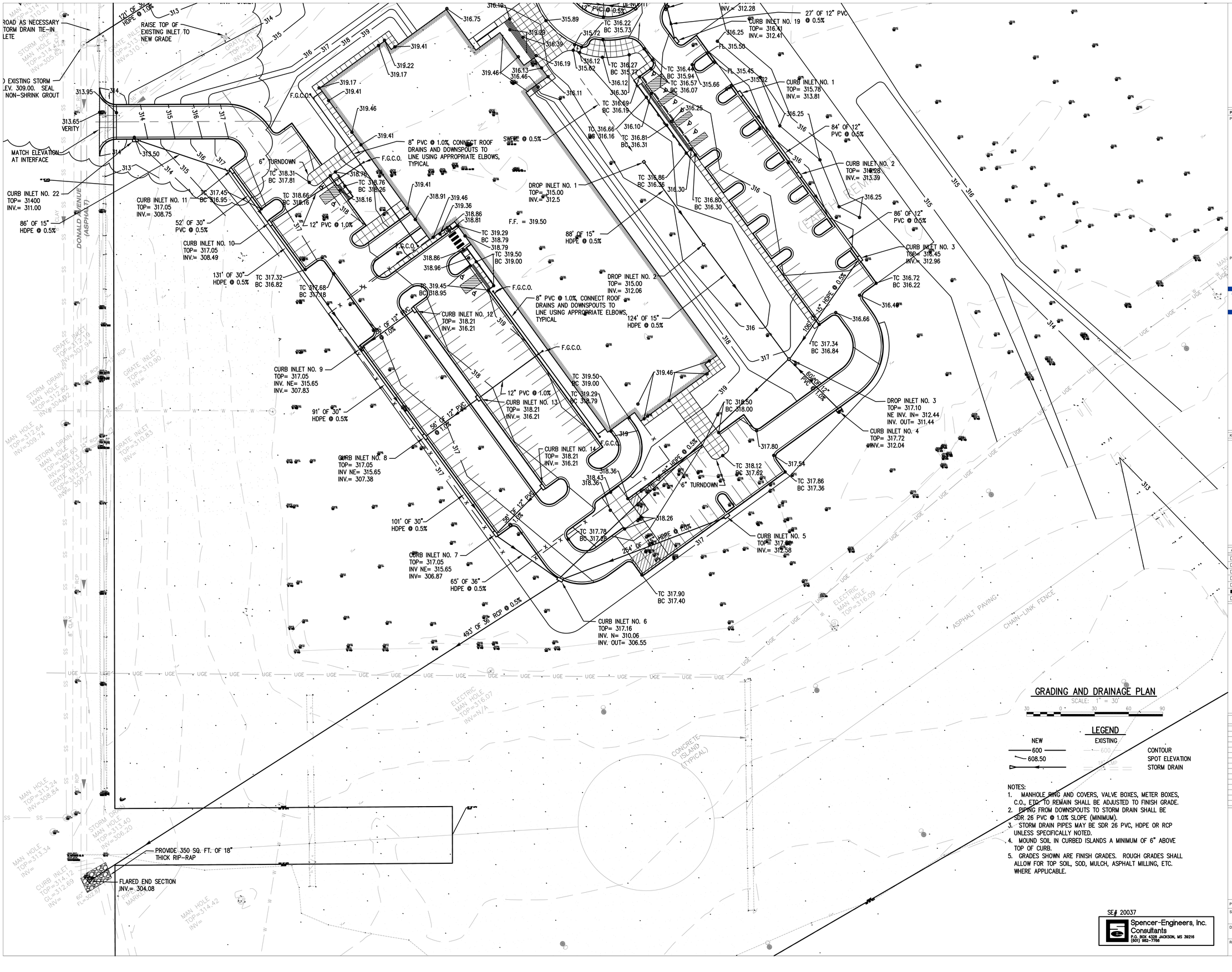
SHEET ISSUED: 02/11/2021

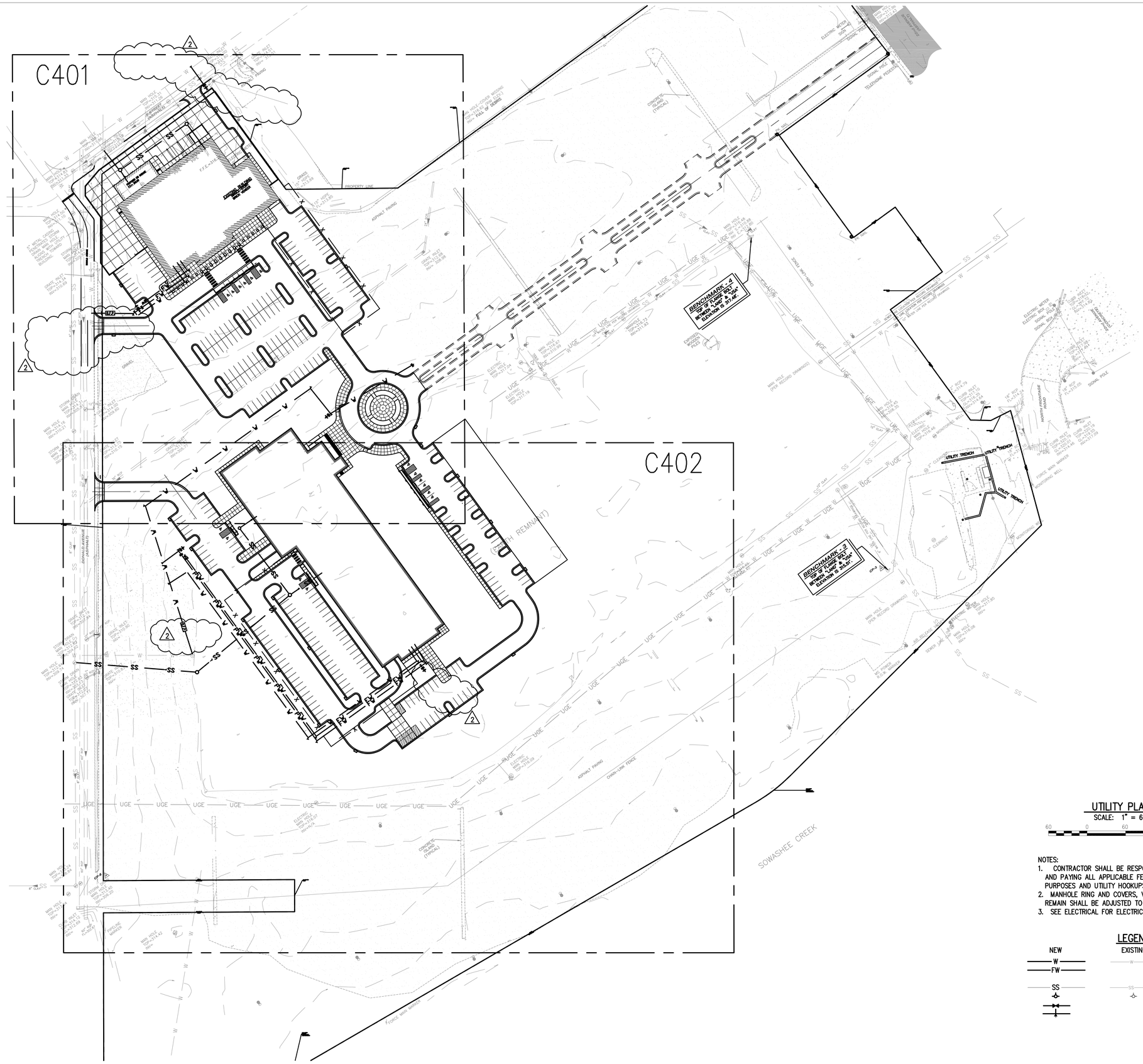
DRAWN BY: KSM

REVIEWED BY: KSM

SHEET NO.

C301


ROAD AS NECESSARY
STORM DRAIN TIE-IN
LETE
EXISTING STORM
LEV. 309.00. SEAL
NON-SHRINK GROUT
313.65
VERITY
MATCH ELEVATION
AT INTERFACE
CURB INLET NO. 22
TOP= 31400
INV.= 311.00
86' OF 15"
HDPE @ 0.5%
DONALD AVENUE
(ASPHALT)
121' OF 30"
HDPE @ 1.0%
RAISE TOP OF
EXISTING INLET TO
NEW GRADE
CURB INLET NO. 11
TOP= 317.05
INV.= 308.75
52' OF 30"
PVC @ 0.5%
CURB INLET NO. 10
TOP= 317.05
INV.= 308.49
131' OF 30"
HDPE @ 0.5%
CURB INLET NO. 9
TOP= 317.05
INV. NE= 315.65
INV.= 307.83
91' OF 30"
HDPE @ 0.5%
CURB INLET NO. 8
TOP= 317.05
INV NE= 315.65
INV.= 307.38
101' OF 30"
HDPE @ 0.5%
CURB INLET NO. 7
TOP= 317.05
INV NE= 315.65
INV= 306.87
65' OF 36"
HDPE @ 0.5%
493' OF 36" RCP @ 0.5%
CURB INLET NO. 6
TOP= 317.16
INV. N= 310.06
INV. OUT= 306.55
PROVIDE 350 SQ. FT. OF 18"
THICK RIP-RAP
FLARED END SECTION
INV.= 304.08
6" TURNDOWN
8" PVC @ 1.0%, CONNECT ROOF
DRAINS AND DOWNSPOUTS TO
LINE USING APPROPRIATE ELBOWS,
TYPICAL
F.G.C.O.
12" PVC @ 1.0%
DROP INLET NO. 1
TOP= 315.00
INV.= 312.5
F.F. = 319.50
88' OF 15"
HDPE @ 0.5%
DROP INLET NO. 2
TOP= 315.00
INV.= 312.06
124' OF 15"
HDPE @ 0.5%
CURB INLET NO. 12
TOP= 318.21
INV.= 316.21
CURB INLET NO. 13
TOP= 318.21
INV.= 316.21
CURB INLET NO. 14
TOP= 318.21
INV.= 316.21
56' OF 12" PVC
@ 1.0%
SWALE @ 0.5%
12" PVC @ 0.5%
27' OF 12" PVC
CURB INLET NO. 19 @ 0.5%
TOP= 316.41
INV.= 312.41
CURB INLET NO. 1
TOP= 315.78
INV.= 313.81
84' OF 12"
PVC @ 0.5%
CURB INLET NO. 2
TOP= 316.28
INV.= 313.39
86' OF 12"
PVC @ 0.5%
CURB INLET NO. 3
TOP= 316.45
INV.= 312.96
106' OF 15" HDPE @ 0.5%
60' OF 12"
PVC @ 1.0%
DROP INLET NO. 3
TOP= 317.10
NE INV. IN= 312.44
INV. OUT= 311.44
CURB INLET NO. 4
TOP= 317.72
INV.= 312.04
CURB INLET NO. 5
TOP= 317.58
INV.= 312.58
25' OF 15" HDPE @ 1.0%
TC 317.90
BC 317.40
TC 317.78
BC 317.28
TC 317.86
BC 317.36
TC 318.12
BC 317.62
TC 317.34
BC 316.84
TC 316.72
BC 316.22
TC 318.50
BC 318.00
TC 316.80
BC 316.30
TC 316.86
BC 316.36
TC 316.81
BC 316.31
TC 316.66
BC 316.16
TC 316.69
BC 316.19
TC 316.57
BC 316.07
TC 316.44
BC 315.94
TC 316.27
BC 315.77
TC 316.22
BC 315.73
TC 318.31
BC 317.81
TC 318.66
BC 318.16
TC 317.45
BC 316.95
TC 318.76
BC 318.26
TC 319.29
BC 318.79
TC 319.50
BC 319.00
TC 319.45
BC 318.95
TC 317.68
BC 317.18
TC 317.32
BC 316.82
F.F. = 319.50
GRADE INLET
TOP=317.79
INV=307.94
GRADE INLET
TOP=310.90
INV=
GRADE INLET
TOP=310.83
INV=
GRADE INLET
TOP=314.12
GI=312.69
INV=
MAN HOLE
TOP=312.64
INV=309.74
MAN HOLE
TOP=312.82
INV=304.92
MAN HOLE
TOP=313.24
INV=308.84
MAN HOLE
TOP=313.34
INV=
MAN HOLE
TOP=313.40
INV=306.20
MAN HOLE
TOP=314.42
INV=
STORM DRAIN
STORM DRAIN
STORM DRAIN



UTILITY PLAN

SCALE: 1" = 60'

60 0 60 120 180

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS AND PAYING ALL APPLICABLE FEES REQUIRED FOR CONSTRUCTION PURPOSES AND UTILITY HOOKUPS.
2. MANHOLE RING AND COVERS, VALVE BOXES, METER BOXES, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.
3. SEE ELECTRICAL FOR ELECTRICAL SITE INFORMATION.

LEGEND

NEW	EXISTING	DESCRIPTION
W	W	WATER MAIN
FW		FIRE WATER
	SS	GAS MAIN
SS	SS	SANITARY SEWER MAIN
		FIRE HYDRANT
	W	WATER VALVE
		THRUST BLOCK

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

921 22ND AVENUE P.O. BOX 5161
MERIDIAN, MISSISSIPPI 39302
P: 601.693.3000
F: 601.693.3443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication by any method in whole or in part by LPK Architects P.A. will result in all re-uses and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Government Complex Early
Site and Utility Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4160

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MCGEE — REGISTERED PROFESSIONAL ENGINEER — 17092 — 2-11-21 — STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION

SHEET TITLE

OVERALL UTILITY PLAN

PROJECT NO.: 19-4894 D

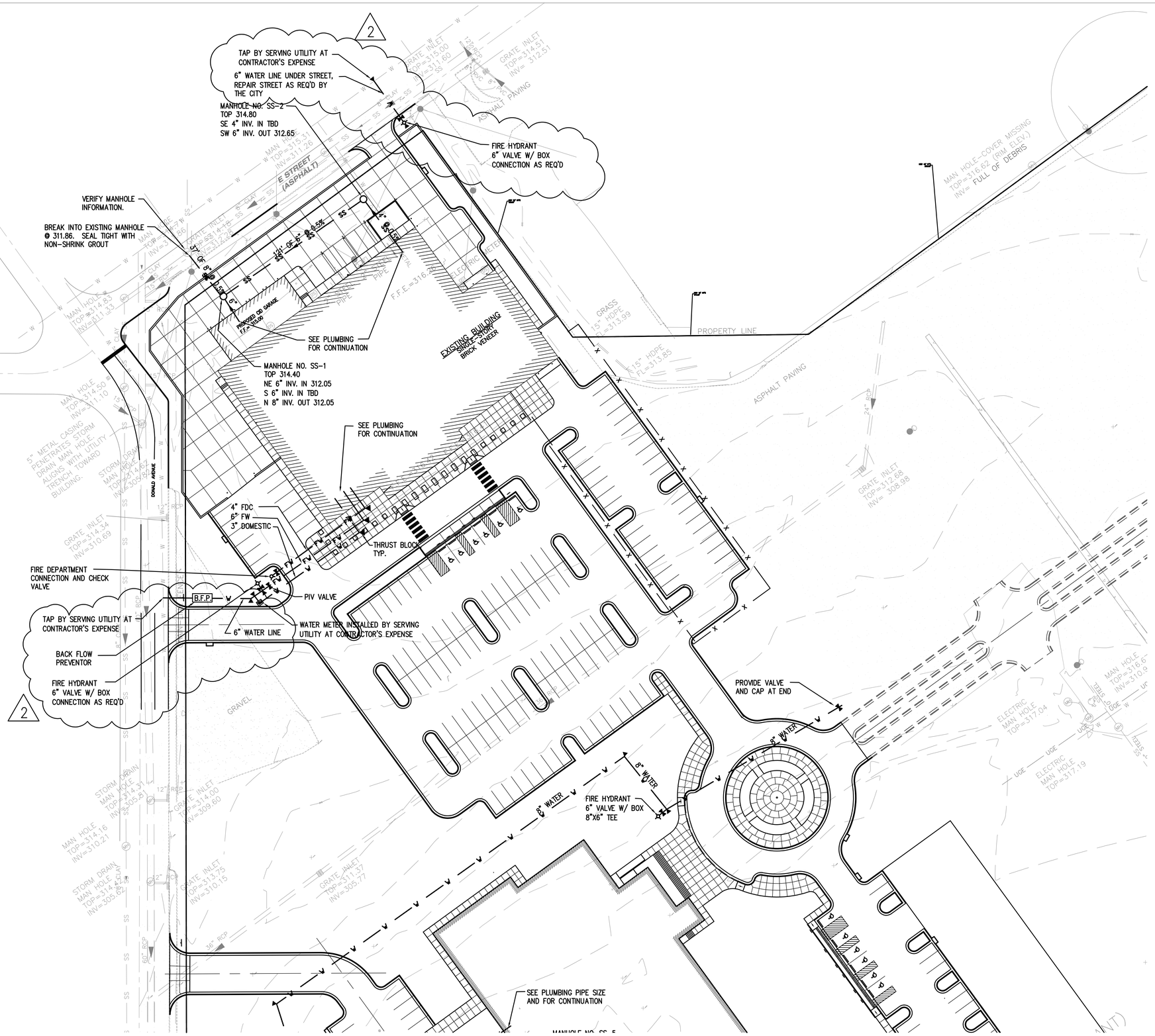
SHEET ISSUED: 02/11/2021

DRAWN BY: KSM

REVIEWED BY: KSM

SHEET NO.

C400



UTILITY PLAN
SCALE: 1" = 30'

30 0 30 60 120

NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS AND PAYING ALL APPLICABLE FEES REQUIRED FOR CONSTRUCTION PURPOSES AND UTILITY HOOKUPS.
2. MANHOLE RING AND COVERS, VALVE BOXES, METER BOXES, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.
3. SEE ELECTRICAL FOR ELECTRICAL SITE INFORMATION.

LEGEND

NEW	EXISTING	DESCRIPTION
W	W	WATER MAIN
FW		FIRE WATER
	SS	GAS MAIN
SS	SS	SANITARY SEWER MAIN
		FIRE HYDRANT
	W	WATER VALVE
		THRUST BLOCK

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

921 22ND AVENUE P.O. BOX 510
MERIDIAN, MISSISSIPPI 39302
P 601.693.3000
F 601.693.3443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, alteration or modification of these documents by any party other than LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Government Complex Early Site and Utility Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

YATES CONSTRUCTION
W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4140

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MCGEHEE — REGISTERED PROFESSIONAL ENGINEER — STATE OF MISSISSIPPI — 17092 — 2-11-21

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION

SHEET TITLE

UTILITY PLAN - PUBLIC SAFETY BUILDING

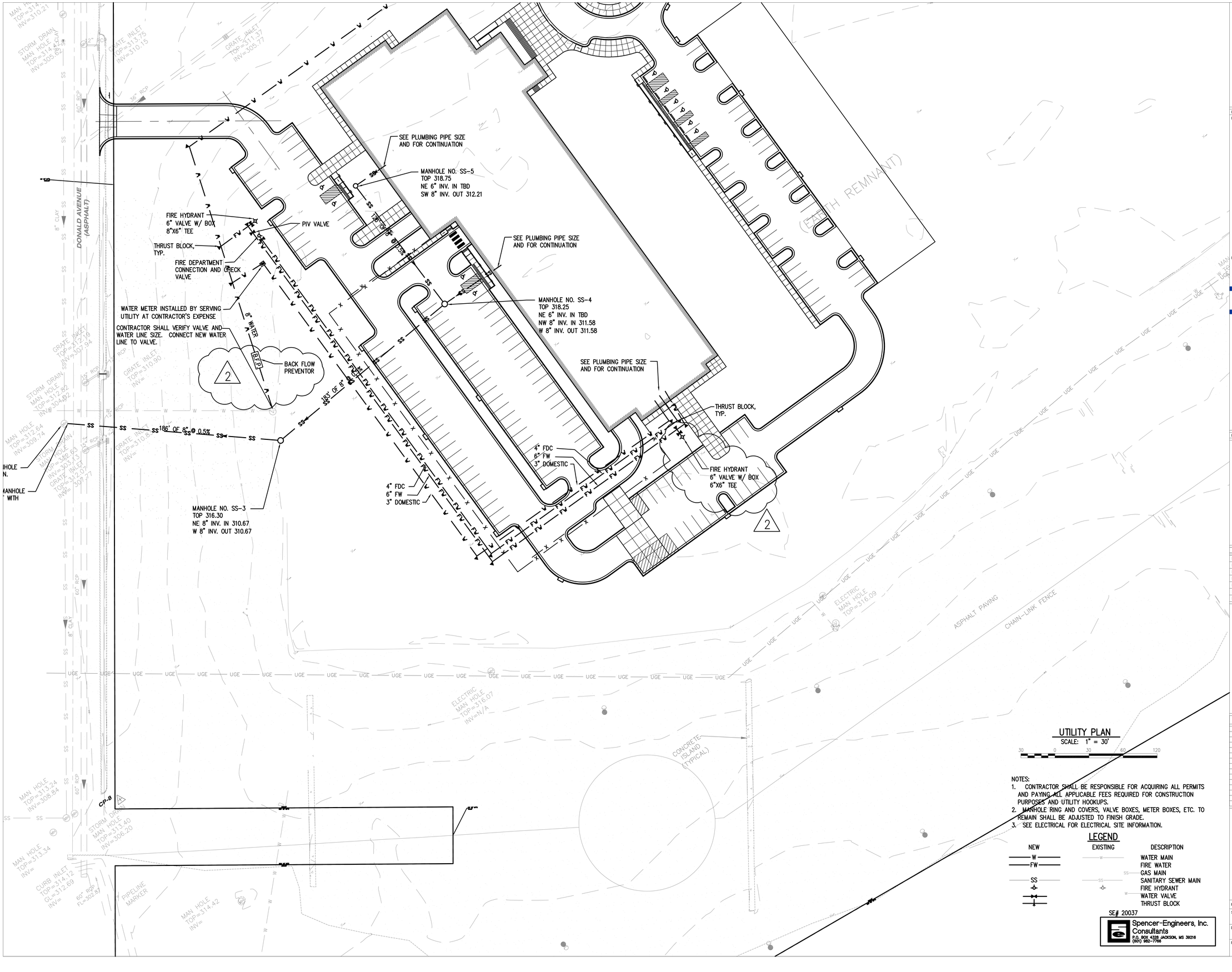
PROJECT NO.: 19-4894 D

SHEET ISSUED: 02/11/2021

DRAWN BY: KSM

REVIEWED BY: KSM

SHEET NO. C401



UTILITY PLAN
SCALE: 1" = 30'

30 0 30 60 120

NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS AND PAYING ALL APPLICABLE FEES REQUIRED FOR CONSTRUCTION PURPOSES AND UTILITY HOOKUPS.
2. MANHOLE RING AND COVERS, VALVE BOXES, METER BOXES, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.
3. SEE ELECTRICAL FOR ELECTRICAL SITE INFORMATION.

LEGEND

NEW	EXISTING	DESCRIPTION
W	W	WATER MAIN
FW		FIRE WATER
	SS	GAS MAIN
SS	SS	SANITARY SEWER MAIN
		FIRE HYDRANT
	W	WATER VALVE
		THRUST BLOCK

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7785

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
611 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
P: 601.693.3443
F: 601.693.3444

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication by any method, in whole or in part, of LPK Architects P.A. will result in all re-uses and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Government Complex Early Site and Utility Package

PROJECT ADDRESS:
VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4165

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

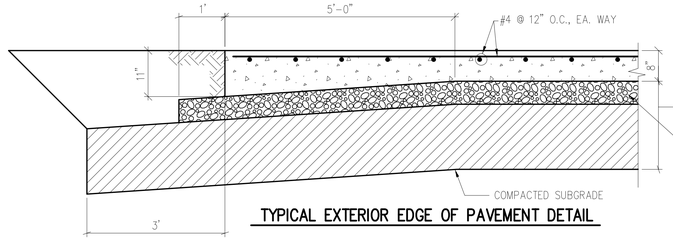
KENNETH SIMMONS MISCHOOK — LICENSED PROFESSIONAL ENGINEER — 2-11-21 — 17092 — STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

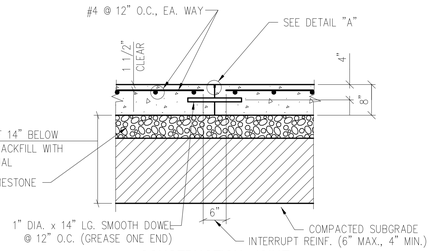
NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION

SHEET TITLE
UTILITY PLAN - COURTHOUSE

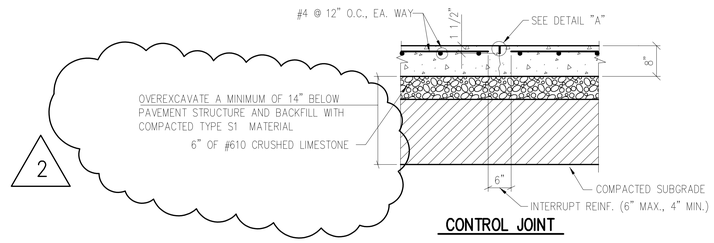
PROJECT NO.: 19-4894 D
SHEET ISSUED: 02/11/2021
DRAWN BY: KSM
REVIEWED BY: KSM
SHEET NO.
C402



TYPICAL EXTERIOR EDGE OF PAVEMENT DETAIL



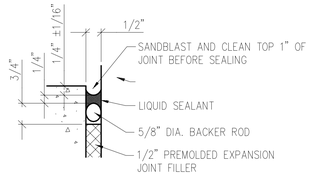
CONSTRUCTION JOINT



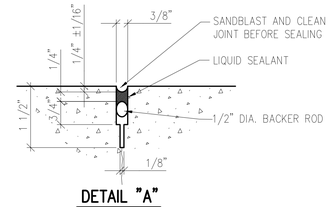
CONTROL JOINT

8" REINFORCED CONCRETE PAVEMENT DETAILS

NO SCALE



ISOLATION JOINT

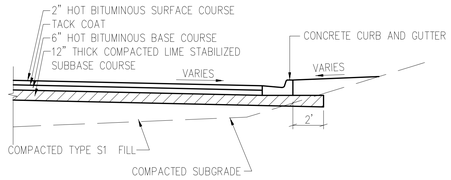


DETAIL "A"

JOINT SHALL BE "TOOLED" OR SAWED WITH A "SOFF CUT SAW" WITHIN 2 HOURS OF PLACEMENT

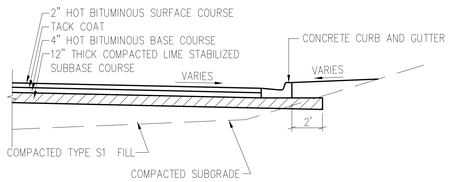
CONCRETE PAVEMENT JOINT DETAILS

CONTRACTOR SHALL USE CONSTRUCTION JOINT AT END OF POUR. CONTRACTOR MAY USE CONSTRUCTION JOINT OR CONTROL JOINT WHERE CONCRETE JOINTS ARE CALLED FOR ON THE PLANS.



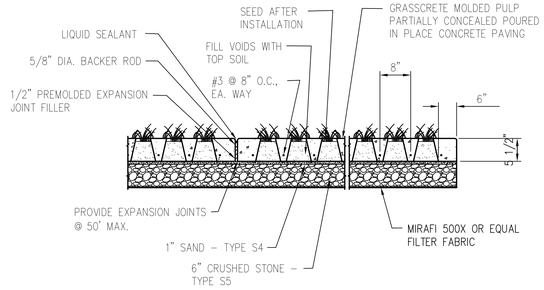
HEAVY DUTY ASPHALT PAVEMENT

NO SCALE



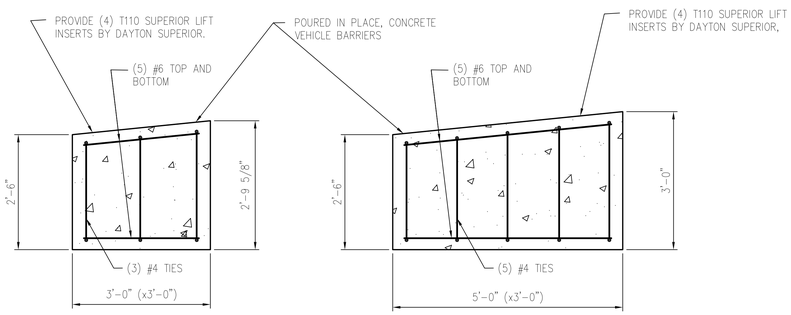
LIGHT DUTY ASPHALT PAVEMENT

NO SCALE



GRASSCRETE PAVING SYSTEM DETAIL

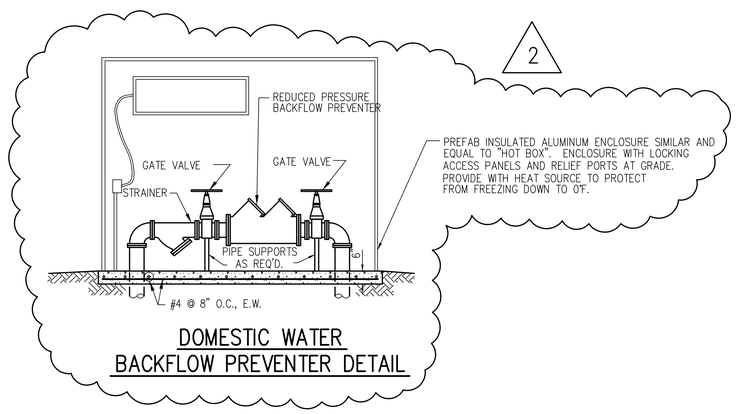
NO SCALE



TYPICAL CONCRETE VEHICLE BARRIERS

NO SCALE

NOTES:
1. PROVIDE SHOP DRAWINGS SHOWING LAYOUT OF ALL ITEMS SHOWN HERE.
2. PROVIDE FORM LINERS TO BE APPROVED BY THE ARCHITECT ON ALL SIDES.



DOMESTIC WATER BACKFLOW PREVENTER DETAIL

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

621 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
P: 601.693.3444
F: 601.693.3443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents without the consent of LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Government Complex Early Site and Utility Package

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-656-4160

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MACKLIN — REGISTERED PROFESSIONAL ENGINEER — 17092 — STATE OF MISSISSIPPI — 2-11-21

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	2-11-2021	CONTRACT DOCUMENTS
2	4-26-2021	REVISION

SHEET TITLE

SITE DETAILS

PROJECT NO.: 19-4894 D
SHEET ISSUED: 02/11/2021
DRAWN BY: KSM
REVIEWED BY: KSM
SHEET NO.: C502

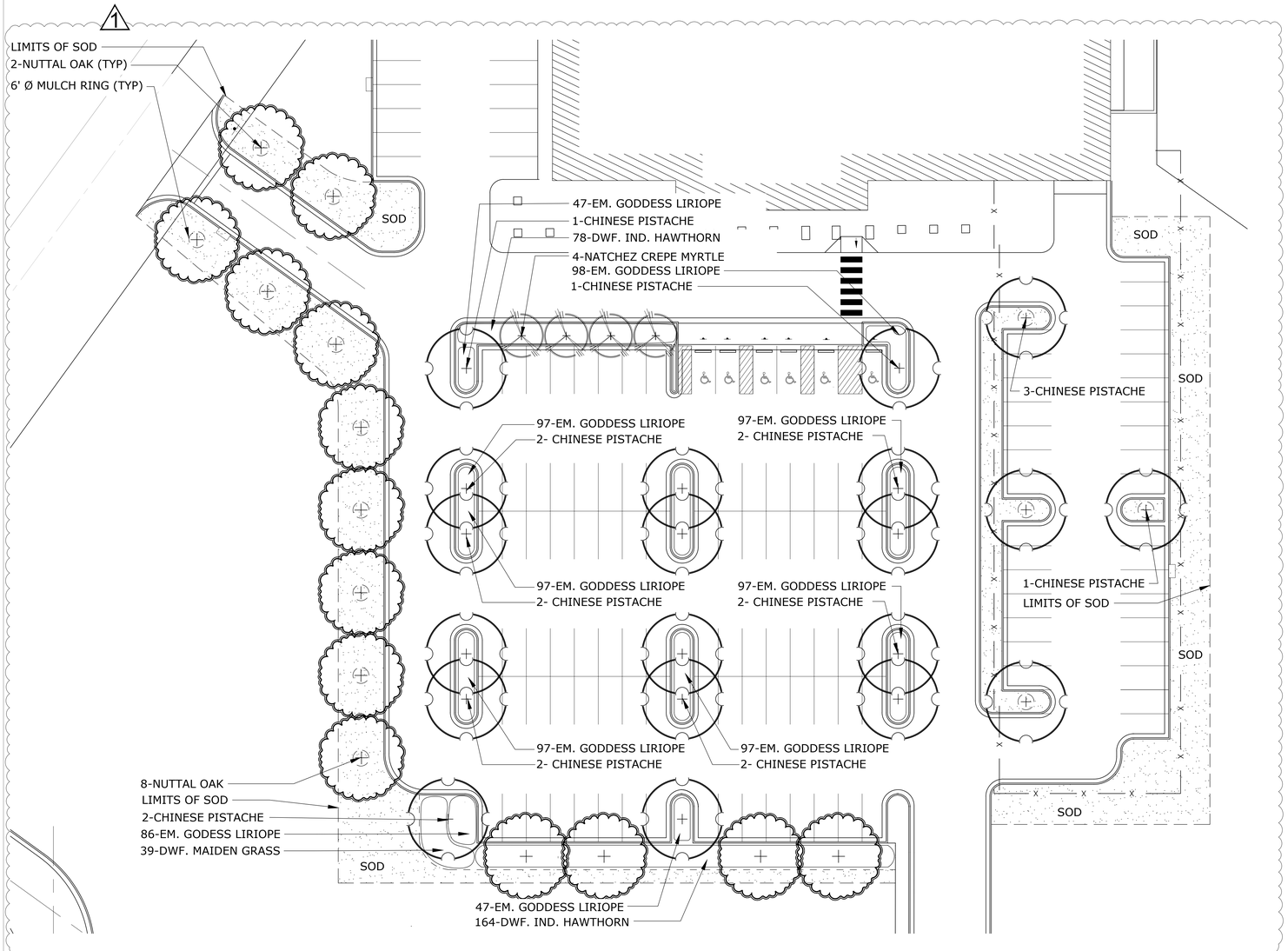
PLANT USE LIST

quant.	botanical name	common name	size	remarks
14	Quercus nuttallii	NUTTALL OAK	14'-16' HT.	MIN. 65 GAL., MIN. 5-6' SPREAD, 3.5-4.5" CAL., FULL, WELL BRANCHED, SINGLE TRUNK SPECIMEN
19	Pistacia chinensis	CHINESE PISTACHE	14'-16' HT.	MIN. 65 GAL., MIN. 5-6' SPREAD, 3.5-4.5" CAL., FULL, WELL BRANCHED, SINGLE TRUNK SPECIMEN
4	Lagerstroemia indica x fauriei	NATCHEZ CREPE MYRTLE	14'-16' HT.	MIN. 65 GAL., MIN. 5-6' SPREAD, 3.5-4.5" CAL., FULL, WELL BRANCHED, SINGLE TRUNK SPECIMEN
242	Raphiolepis Indica 'Snowbank'	SNOWHITE DWARF INDIAN HAWTHORN	30-36" HT.	MIN. 3 GAL., @ 3' O/C, FULL, WELL BRANCHED PLANTS, TRIMMED HEDGE
39	Miscanthus sinensis 'Adagio'	DWARF MAIDEN GRASS	24-30" HT.	MIN. 3 GAL., @ 3' O/C, FULL, WELL BRANCHED PLANTS, STAGGER CENTERS
860	Liriope muscari 'Emerald Goddess'	EMERALD GODDESS LIRIOPE	6-8" HT.	MIN. 4" POTS, @ 18" O/C, FULL, WELL BRANCHED PLANTS, STAGGER CENTERS
1648 Sq. Yds.	Eremochloa ophiuroides	CENTIPEDE GRASS		SOLID SOD

NOTE: QUANTITIES SHOWN IN THE "PLANT USE LIST" ARE SOLELY FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. CONTRACTOR TO VERIFY QUANTITIES SHOWN ON THE "PLANTING PLAN" AGAINST THOSE SHOWN IN THE "PLANT USE LIST", AND PLANT THOSE QUANTITIES SHOWN ON THE "PLANTING PLAN".

PLANTS: LANDSCAPE CONTRACTOR SHALL SUBMIT PHOTOS WITH SCALE REFERENCES OF ALL PLANTS & TREES TO THE LANDSCAPE ARCHITECT FOR APPROVAL IN WRITING PRIOR TO HAVING THEM DELIVERED TO THE SITE.

1



GENERAL PLANTING NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE INSPECTION PRIOR TO LANDSCAPE CONTRUCTION IN ORDER TO ACQUAINT HIMSELF/HERSELF WITH EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION.

2. CONTRACTOR SHALL VERIFY PLANT QUANTITIES FROM THE PLAN AND REPORT DIFFERENCES TO THE OWNER'S REPRESENTATIVE FOR ADJUSTMENTS.

3. ALL PLANT MATERIALS ARE SUBJECT TO APPROVAL OR REFUSAL BY THE OWNERS REPRESENTATIVE AT THE JOB SITE.

4. CONTRACTOR SHALL LAYOUT ALL PLANT MATERIAL FOR REVIEW BY OWNER'S REPRESENTATIVES APPROVAL PRIOR TO PLANTING. A MINIMUM 48 HOURS NOTICE SHOULD BE GIVEN AND ANTICIPATED BY THE CONTRACTOR FOR THIS REVIEW.

5. CONTRACTOR SHALL AMEND ALL PLANTING AREAS WITH 60% APPROVED ORGANIC SOIL MIX AND 40% APPROVED SANDY LOAM TOPSOIL PROPER DRAINAGE SHALL BE OBTAINED IN ALL AREAS. DO NOT BACK FILL HOLES WITH EXISTING SUBGRADE.

6. PLANTS SHALL BE WELL FORMED, VIGORUS. GROWING SPECIMENS WITH GROWTH TYPICAL OF VARIETIES SPECIFIED AND SHALL BE FREE FROM INJURY, INSECTS AND DESEASES. PLANTS SHALL EQUAL OR SURPASS QUALITY AS DEFINED IN THE CURRENT ISSUE OF NURSERY "AMERICAN STANDARDS FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERYMEN, INC.

7. ALL PLANT MATERIAL SHALL BE CONTAINER GROWN UNLESS OTHERWISE SPECIFIED.

8. ALL PLANTING PITS SHALL BE DOUBLE THE SIZE OF THE ROOT BALL OR CONTAINER.

9. PROVIDE A TREE PIT FOR DRAINAGE. AUGER A 8" DIAMETER HOLE 36" DOWN AT THE BOTTOM OF THE TREE PIT AND FILL WITH CRUSHED STONE. TEST AGAIN FOR PROPER PERCOLATION. REF. DETAILS ON SHEET L101

10. FRONT ROW OR SHRUBS SHALL BE PLANTED A MINIMUM OF 24" BEHIND BED LINE AT LAWNS OR WALKS AND MINIMUM 36" BACK OF CURB AT PARKING AREAS.

11. BACK ROW OF SHRUB PLANTING SHALL BE PLANTED 36" OFF FACE OF BUILDING WALL. GROUND COVERS SHALL BE 12" OUT FROM BUILDING AS REQUIRED BY PLANT SPECIFICATIONS.

12. EXCAVATE EDGE OF ALL PLANTING BEDS TO 4" DEPTH TO FORM A NEAT CRISP DEFINITION.

13. PLANTING BEDS SHALL BE 6-8" ABOVE SOD GRADE.

14. ALL PLANTING BEDS AND TREE PITS SHALL BE MULCHED WITH A 3" SETTLED LAYER OF APPROVED MULCH ON LEVEL AREAS AND APPROVED MULCH ON SLOPES.

15. GRADE ALL AREAS FOR APPROVAL BY LANDSCAPE ARCHITECT BEFORE SODDING.

16. SEASONAL COLOR SHALL BE PLANTED IN FLOWERING STATE.

17. CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL, INCLUDING GRASS FOR ONE FULL YEAR FROM DATE OF WRITTEN SUBSTANTIAL COMPLETION. (REFERENCE SPECIFICATIONS)

18. ALL TREES SHALL BE STAKED AND TIED IN THE FIELD BY AN APPROVED METHOD. REMOVE ALL GUY WIRES AND STAKES AT THE END OF THE GUARANTEE PERIOD.

19. TOPSOIL: TOPSOIL SHALL BE FERTILE, FRIABLE, SANDY LOAM AND A NATURAL SURFACE SOIL OBTAINED FROM WELL AREAS REVIEWED BY THE LANDSCAPE ARCHITECT AND POSSESSING CHARACTERISTICS OF REPRESENTATIVE SOILS IN THE PROJECT VICINITY THAT PRODUCE HEAVY GROWTHS OF CROPS, GRASS OR OTHER VEGETATION.
- TOPSOIL SHALL BE FREE OF SUBSOIL, BRUSH, ORGAINIC LITTER OR OBJECTIONABLE WEEDS, CLAY, CLOTS, STUMPS, STONES, ROOTS OR OTHER MATERIAL HARMFUL TO PLANT MATERIALS. SHOULD REGEERATIVE MATERIALS BE PRESEINT IN THE SOIL, CONTRACTOR SHALL ERADICATE AND REMOVE SUCH GROWTH, BOTH SURFACE AND ROOT, WHICH MAY APPEAR IN THE IMPORTED MATERIAL WITHIN ONE YEAR FOLLOWING ACCEPTANCE OF THE WORK.
- TOPSOIL SHALL NOT BE HANDLED IN A FROZEN MUDDY CONDITION. THE ACIDITY RANGE SHALL BE BETWEEN 5 AND 7, INCLUSIVE.
- THE MECHANICAL ANALYSIS OF THE SOIL SHALL BE AS FOLLOWS:

SIEVE SIZE	PERCENT PASSING
1 INCH MESH	99-100%
1/4 INCH MESH	97-99%
NO. 100 MESH	40-60%
NO. 200 MESH	20-40%

20. STOCKPILE MATERIAL THAT DOES NOT MEET THE REQUIREMENTS MAY, AT THE OPTION OF THE CONTRACTOR, BE IMPROVED BY SCREENING AND THE ADITION OF ORGANIC MATTER AND CHEMICAL ADMIXTURES.

21. APPROVED PRE-EMERGENT WEED CONTROL SHALL BE SPREAD PER MANUFACTURER'S RATES AFTER ALL PLANTINGS HAVE BEEN INSTALLED, IN ALL PLANTED AREAS PRIOR TO MULCHING WITH PINE STRAW.

22. MAINTAIN ALL LANDSCAPE WORK FOR 30 DAYS AFTER SUBSTANTIAL COMPLETION FOR THE ENTIRE PROJECT HAS BEEN PROVIDED IN WRITING TO THE OWNER FROM THE PROJECT ARCHITECT.

23. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF APPROPRIATENESS OF THE INSTALLATION PROCEDURES UNDERTAKEN BY ANY CONTRACTOR AND IS NOT RESPONSIBLE FOR JOB SAFETY.

REVISION
1 APRIL 20, 2021

NORTH

0 10' 20'

cpladesignplanning.com
CHRISTIANPREUS Landscape Architecture
Ocean Springs, Mississippi . Fairhope, Alabama . P 855.539.5086 . F 855.539.5086

Know what's below. Call before you dig.

LPK architects
LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
601 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P 601.693.9400
F 601.693.9449

These documents are the sole property of LPK Architects P.A. and are not to reused. Any alterations, revisions or reuse of these documents without the written consent of LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

THE GREAT SEAL OF THE STATE OF MISSISSIPPI

Lauderdale County Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED LANDSCAPE ARCHITECT CHRISTIAN HAROLD PREUS STATE OF MISSISSIPPI

04. 20. 21

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4/20/21	REVISED

SHEET TITLE

LANDSCAPE PLAN FOR LAUDERDALE PUBLIC SAFETY BUILDING.

Meridian, Mississippi

PROJECT NO.: 19-4894B

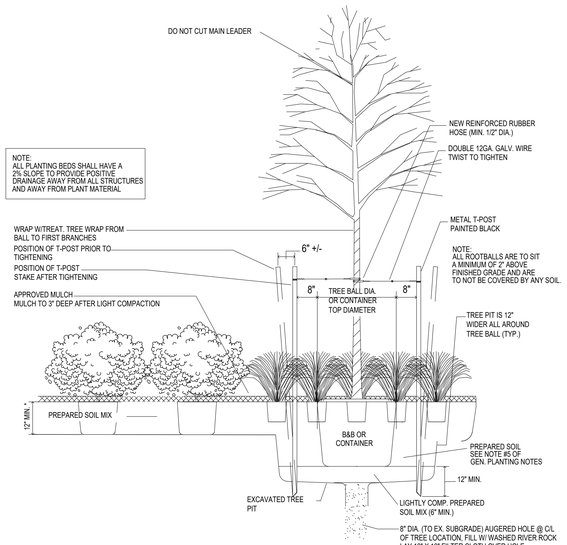
SHEET ISSUED: Project Issue Date

DRAWN BY: CRL

REVIEWED BY: CHP

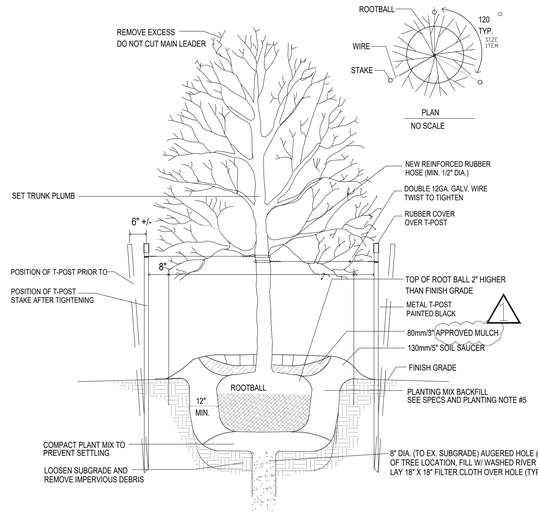
SHEET NO. L-100

File Path:
20/20/21 1:30:28 PM



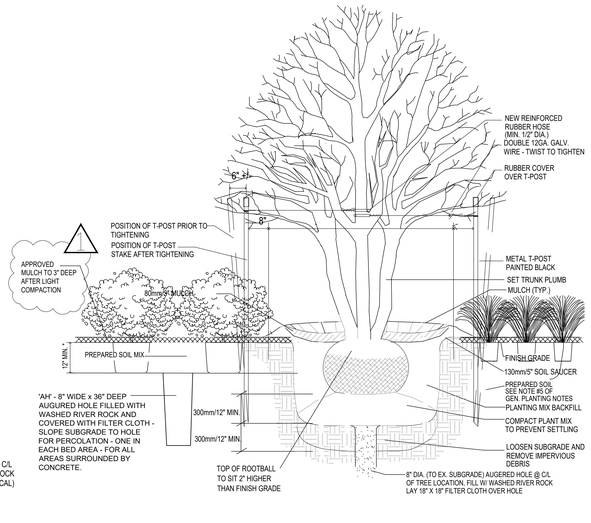
1 TYPICAL PLANTING SECTION IN BED AREAS

NOT TO SCALE



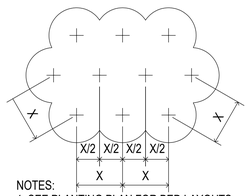
2 TYPICAL TREE PLANTING & GUYING IN LAWN

NOT TO SCALE



3 TYPICAL MULTI-TRUNK TREE PLANTING IN BED AREAS

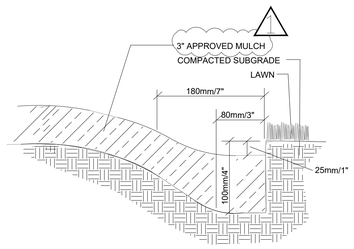
NOT TO SCALE



NOTES:
1. SEE PLANTING PLAN FOR BED LAYOUTS.
2. ROWS SHALL BE STRAIGHT & PARALLEL UNLESS BED AREA FOR PARTICULAR PLANT IS SHOWN IN A CIRCULAR OR IRRREGULAR AREA, THEN AS DIRECTED BY LANDSCAPE ARCHITECT.
3. SEE "PLANT USE LIST" FOR PLANT SPACING.

4 PLANT SPACING DETAIL

NOT TO SCALE



NOTE: TRENCH EDGE TO BE LOCATED BETWEEN PLANTING BEDS AND ALL LAWN AREAS.

5 TRENCH BED EDGE DETAIL

NOT TO SCALE

REVISION

1 APRIL 20, 2021

cpladesignplanning.com
CHRISTIANPREUS Landscape Architecture
Ocean Springs, Mississippi · Fairhope, Alabama · P 855.539.5086 · F 855.539.5086

Know what's below. Call before you dig.

LPK architects
LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
612 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
T. 601.693.3000
F. 601.693.3842

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use without the written permission of LPK Architects Engineering P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

REGISTERED LANDSCAPE ARCHITECT CHRISTIAN HARRIS PREUS 961 04.20.21 STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4/20/21	REVISED

SHEET TITLE

LANDSCAPE DETAILS FOR LAUDERDALE PUBLIC SAFETY BUILDING.

Meridian, Mississippi

PROJECT NO.: 19-4894B

SHEET ISSUED: Project Issue Date

DRAWN BY: CRL

REVIEWED BY: CHP

SHEET NO. L-101

File Path:
2/5/2015 1:30:23 PM

IRRIGATION NOTES

1. The irrigation system is diagrammatic based upon the information provided by the owner or the owner's representative. The successful contractor is responsible to install a system that will properly cover all areas indicated on the design. Actual layout of piping, sprinkler heads, valves, controllers and other related equipment shall be determined on site. Minor field changes shall be made at no additional cost to the owner.

It is the responsibility of the irrigation contractor to be familiar with all grade differences, locations of walls, structures and utilities and make the necessary adjustments to accommodate the irrigation system as shown on the drawings. There may be times when it is obvious in the field that unknown obstructions, grades or dimensions that exist might not have been considered in the engineering, such obstructions should be brought to the attentions of the owner's authorized representative. In the event that this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions and costs that occur.

2. This system shall be installed using accepted and quality installation standards as used in the industry. All manufacturers specifications will be followed.

3. Mainline shall be buried a minimum of 12" of cover and a maximum of 18" of cover. Lateral line piping a minimum of 12" of cover. All backfill surrounding the pipe shall be cleaned of materials larger than 1" in size. Backfill shall be added in 6" increments and mechanically tamped.

4. There will be no substitutions or changes to the irrigation design allowed without direct, written approval from the Irrigation Consultant.

5. System design is based on pressure and flow information provided by others, static pressure of 35 psi and the size of the point of connection (P.O.C.) is as indicated on the drawing. The irrigation contractor shall verify water pressures prior to construction. Report differences between requirements and the actual readings to the owner's representative so that any zone adjustments can be made prior to installation.

6. Piping shown in paved area without sleeve is diagrammatic and shall be located inside of the planted area or turf area approximately 1' from any hardscape.

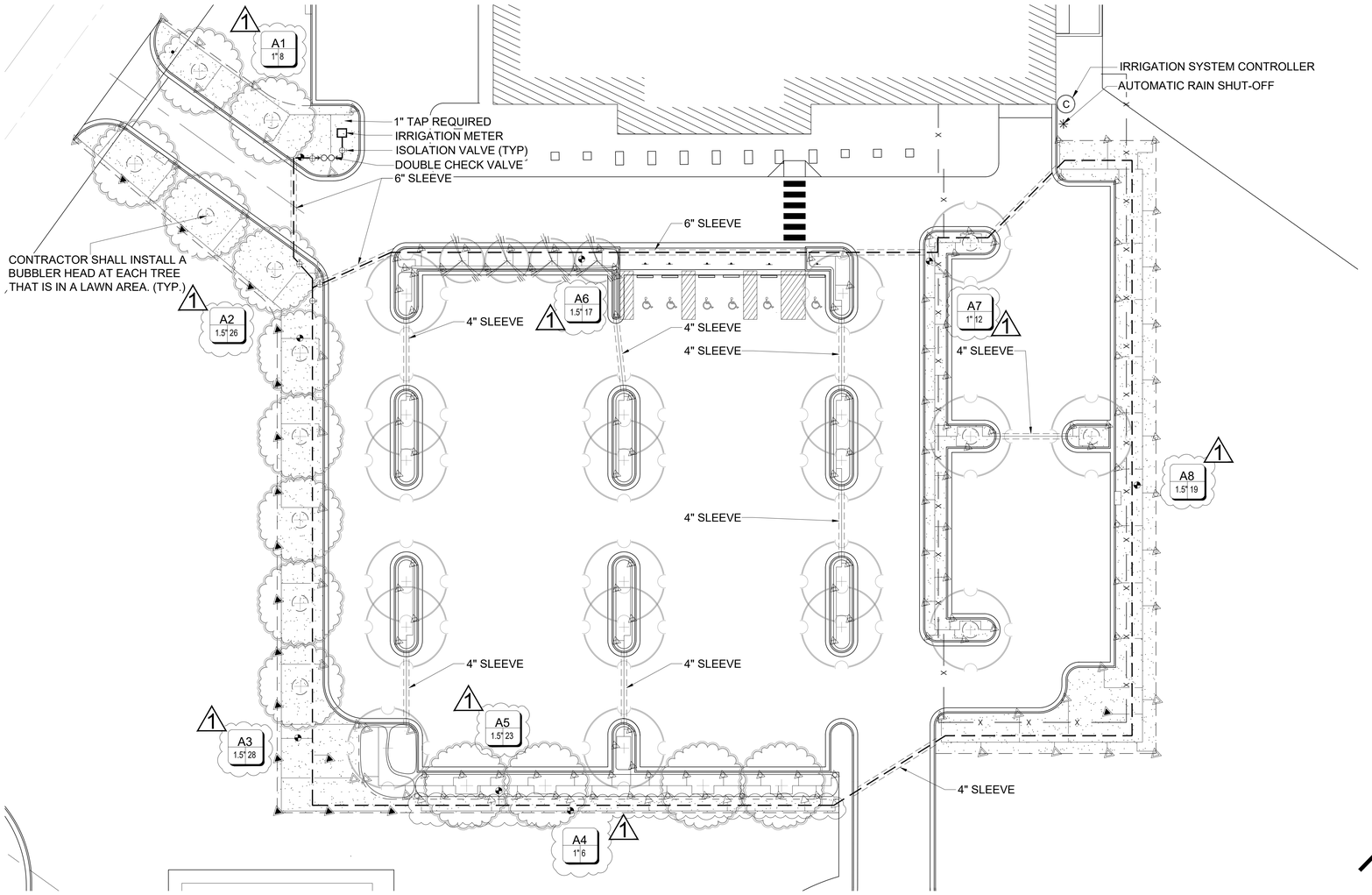
7. All valves shall be placed in valve boxes as shown in the details and all electrical connections shall be sealed with waterproof connectors. Control wire shall be solid copper wire U.L. approved for direct burial in the ground. See details.

8. Controllers, meters, taps and backflow locations are as shown on the plan or as stated in the details and legend. All information is to be verified prior to any installation of the project.

9. The Irrigation Contractor is responsible for all clean up associated with his work.

10. Irrigation contractor shall all provide the first winterization, spring turn on, head adjustments and controller maintenance in bid.

11. Costs associated with taps and irrigation meter(s) shall be the responsibility of the irrigation contractor and shall be included in his/her bid.



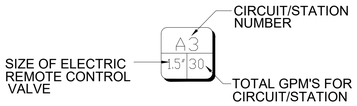
IRRIGATION LEGEND:

▷	RAINBIRD RVAN 17-24 ROTATOR NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
◭	RAINBIRD R17-24 SERIES ROTATOR NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
▷	RAINBIRD RVAN 13-18 ROTATOR NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
▷	RAINBIRD RVAN 8-14 ROTATOR NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
▷	RAINBIRD RVAN STRIP SERIES NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
◕	RAINBIRD, PEB SERIES, 1" AND 1 1/2" EL. REMOTE CONTROL VALVE (OR APP'D. EQ.), IN MIN. 12" ROUND BOX, FILL BOTTOM W/PEA GRAVEL, (SEE DETAIL)
C	RAINBIRD ESP-LX CONTROLLER. PEDESTAL OR WALL MOUNTED, TO BE DETERMINED IN FIELD BY LANDSCAPE ARCHITECT. LOCATION SHOWN ON DRAWING IS A GENERAL REFERENCE. FINAL LOCATION TO BE DETERMINED WITH LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN THE FIELD. (SEE SHEET L201).
✳	WIRELESS RAIN SENSOR
›OO‹	DOUBLE CHECK VALVE (SEE DETAIL 2, SHEET L201)
⊕	ISOLATION VALVE - (MAIN SIZE), 125# W.O.G., BRASS BALL VALVE IN AMETEK 10" ROUND BOX, FILL BOTTOM WITH PEA GRAVEL (SIMILAR TO CONTROL VALVE) ISOLATION VALVES (IV) SHALL BE IN A LOCKABLE BOX.
-----	IRRIGATION MAINLINE, PVC SDR 21, CLASS 200BE SIZE AS NOTED ON DRAWINGS
———	IRRIGATION LATERAL PIPE, PVC SDR 21, CLASS 200BE
= = = = =	SCHEDULE 40 PVC SLEEVE - SIZE AS NOTED ON DRAWING

PIPE SIZING CHART:

CONTRACTOR TO SIZE EACH CIRCUIT/STATION LATERAL PIPING USING THE FOLLOWING:

PIPE SIZE	MAX. GPM'S
1/2"	6
3/4"	10
1"	16
1 1/4"	28
1 1/2"	35
2"	55
3"	120



EACH CIRCUIT/STATION SHOWN HEREIN HAS THE NUMBER OF GPMS REQ'D. FOR THAT CIRCUIT/STATION. EACH CIRCUIT/STATION IS DESIGNED BASED ON 30-35PSI AT THE VALVE.

REVISION

1 APRIL 20, 2021

NORTH 0 10' 20'

cpladesignplanning.com
CHRISTIANPREUS Landscape Architecture
Ocean Springs, Mississippi . Fairhope, Alabama . P 855.539.5086 . F 855.539.5086

Know what's below. Call before you dig.

LPK architects
LPK ARCHITECTS, P.A.
Robert E. Lake, Architect
601 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
P. 601.693.6343
F. 601.693.6442

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents by LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

REGISTERED LANDSCAPE ARCHITECT CHRISTIAN H. PREUS 667 STATE OF MISSISSIPPI
04.20.21

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4/20/21	REVISED

SHEET TITLE

IRRIGATION PLAN FOR LAUDERDALE PUBLIC SAFETY BUILDING.

Meridian, Mississippi

PROJECT NO.: 19-4894B

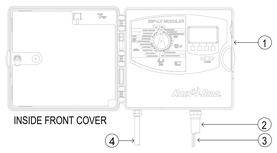
SHEET ISSUED: Project Issue Date

DRAWN BY: CRL

REVIEWED BY: CHP

SHEET NO. I-100

File Path
2/5/2013 1:30:29 PM



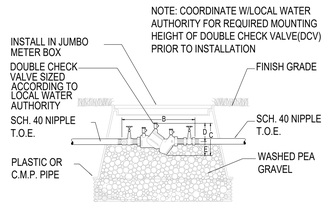
1. MODULAR HYBRID CONTROLLER - RAIN BIRD ESP-LX MODULAR INSIDE WALL MOUNT.
2. 1 1/2" PVC SCH. 40 CONDUIT & FITTINGS.
3. WIRES TO REMOTE CONTROL VALVES.
4. 1" PVC SCH. 40 CONDUIT TO POWER SUPPLY.
5. BASE MODEL IS 24 STATION.
6. WIRES TO REMOTE CONTROL VALVES.

NOTE: MOUNT CONTROLLER ON AVAILABLE EXTERIOR WALL SPACE IN APPROXIMATE LOCATION SHOWN. COORDINATE LOCATION WITH LANDSCAPE ARCHITECT.

NOTE: COORDINATE ELECTRICAL REQUIREMENTS W/ ELEC. CONTR.

NOTE - PROVIDE AND INSTALL APPROPRIATE GROUND RODS AND WIRING FOR EACH CONTROLLER AS NECESSARY AND AS RECOMMENDED BY MANUFACTURER.

1 ESP-LX CONTROLLER
NOT TO SCALE

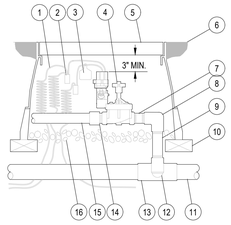


DIMENSIONS (INCHES)

SIZE	B	C	D	E	WIDTH
3/4"	12-1/4"	6-7/8"	4"	2-7/8"	2-3/4"
1"	13-3/4"	6-7/8"	4-3/8"	2-7/8"	2-3/4"
1-1/2"	16-3/4"	9-7/8"	5-1/3"	4-7/8"	4-1/4"
2"	17-3/4"	9-7/8"	6-3/8"	4-7/8"	4-1/4"

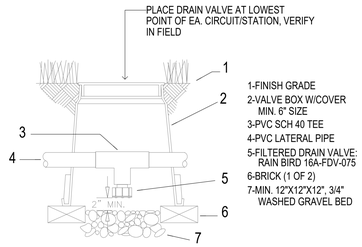
CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES IN REFERENCE TO INSTALLATION AND VENTING OF BACKFLOW PREVENTION DEVICE.

2 DOUBLE CHECK VALVE
NOT TO SCALE



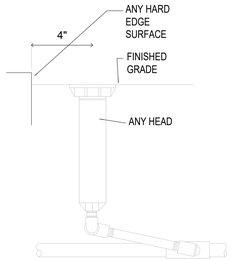
1. 30-INCH LINEAR LENGTH OF WIRE, COILED
2. WATERPROOF CONNECTION RAIN BIRD SPLICE-1 (1 OF 2)
3. ID TAG: RAIN BIRD VID SERIES
4. REMOTE CONTROL VALVE: PEB-PRS-D
5. VALVE BOX WITH COVER: RAIN BIRD VB-STD
6. FINISH GRADE/TOP OF MULCH
7. PVC SCH 80 NIPPLE (CLOSE)
8. PVC SCH 40 ELL
9. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
10. BRICK (1 OF 4)
11. PVC MAINLINE PIPE
12. SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
13. PVC SCH 40 TEE OR ELL
14. PVC SCH 40 MALE ADAPTER
15. PVC LATERAL PIPE
16. 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

3 PEB-PRS-D ELECTRIC REMOTE CONTROL VALVE
NOT TO SCALE

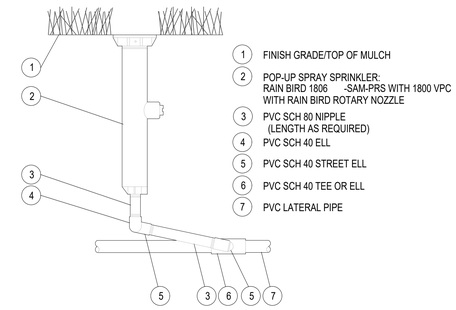


1-FINISH GRADE
2-VALVE BOX W/COVER MIN. 6" SIZE
3-PVC SCH 40 TEE
4-PVC LATERAL PIPE
5-FILTERED DRAIN VALVE: RAIN BIRD 16A-FDV-075
6-BRICK (1 OF 2)
7-MIN. 12"X12"X12", 3/4" WASHED GRAVEL BED

4 DRAIN VALVE
NOT TO SCALE

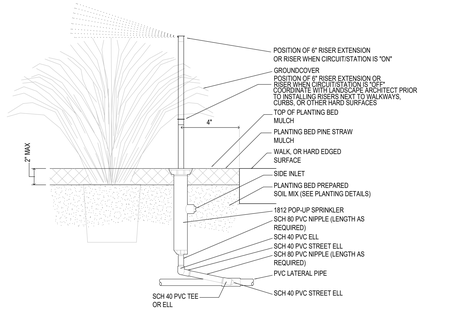


5 ANY HEAD
NOT TO SCALE

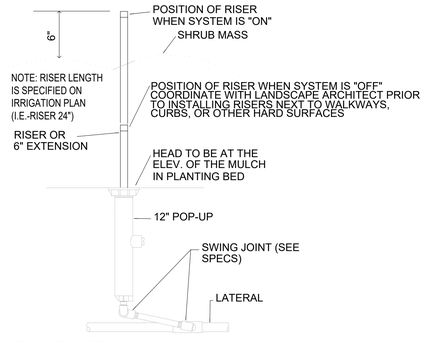


1. FINISH GRADE/TOP OF MULCH
2. POP-UP SPRAY SPRINKLER: RAIN BIRD 1806 -SAM-PRS WITH 1800 VPC WITH RAIN BIRD ROTARY NOZZLE
3. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
4. PVC SCH 40 ELL
5. PVC SCH 40 STREET ELL
6. PVC SCH 40 TEE OR ELL
7. PVC LATERAL PIPE

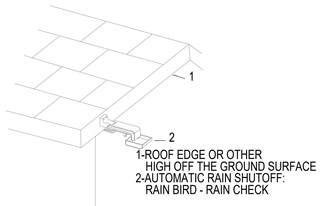
6 1806 HEAD IN LAWN
NOT TO SCALE



7 1812 W/ 6" RISER EXTENSION IN PLANTING BED
NOT TO SCALE



8 12" POP-UP W/ RISER
NOT TO SCALE



1-ROOF EDGE OR OTHER HIGH OFF THE GROUND SURFACE
2-AUTOMATIC RAIN SHUTOFF: RAIN BIRD - RAIN CHECK

NOTE: FOR COMPLETE INSTALLATION INSTRUCTIONS, SEE INSTRUCTIONS ENCLOSED W/RAIN CHECK

9 AUTOMATIC RAIN SHUT-OFF
NOT TO SCALE

REVISION
1 APRIL 20, 2021

cpladesignplanning.com
CHRISTIANPREUS Landscape Architecture
Ocean Springs, Mississippi . Fairhope, Alabama . P 855.539.5086 . F 855.539.5086

Know what's below. Call before you dig.

LPK architects
LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
621 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P. 601.693.6343
F. 601.693.6442

These documents are the sole property of LPK Architects P.A. and are not to reveal. Any unauthorized use of these documents without the written consent of LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.
copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

REGISTERED LANDSCAPE ARCHITECT CHRISTIAN H. PREUS 1647 STATE OF MISSISSIPPI
04.20.21

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4/20/21	REVISED

SHEET TITLE

IRRIGATION DETAILS FOR LAUDERDALE PUBLIC SAFETY BUILDING.

Meridian, Mississippi

PROJECT NO.: 19-4894B

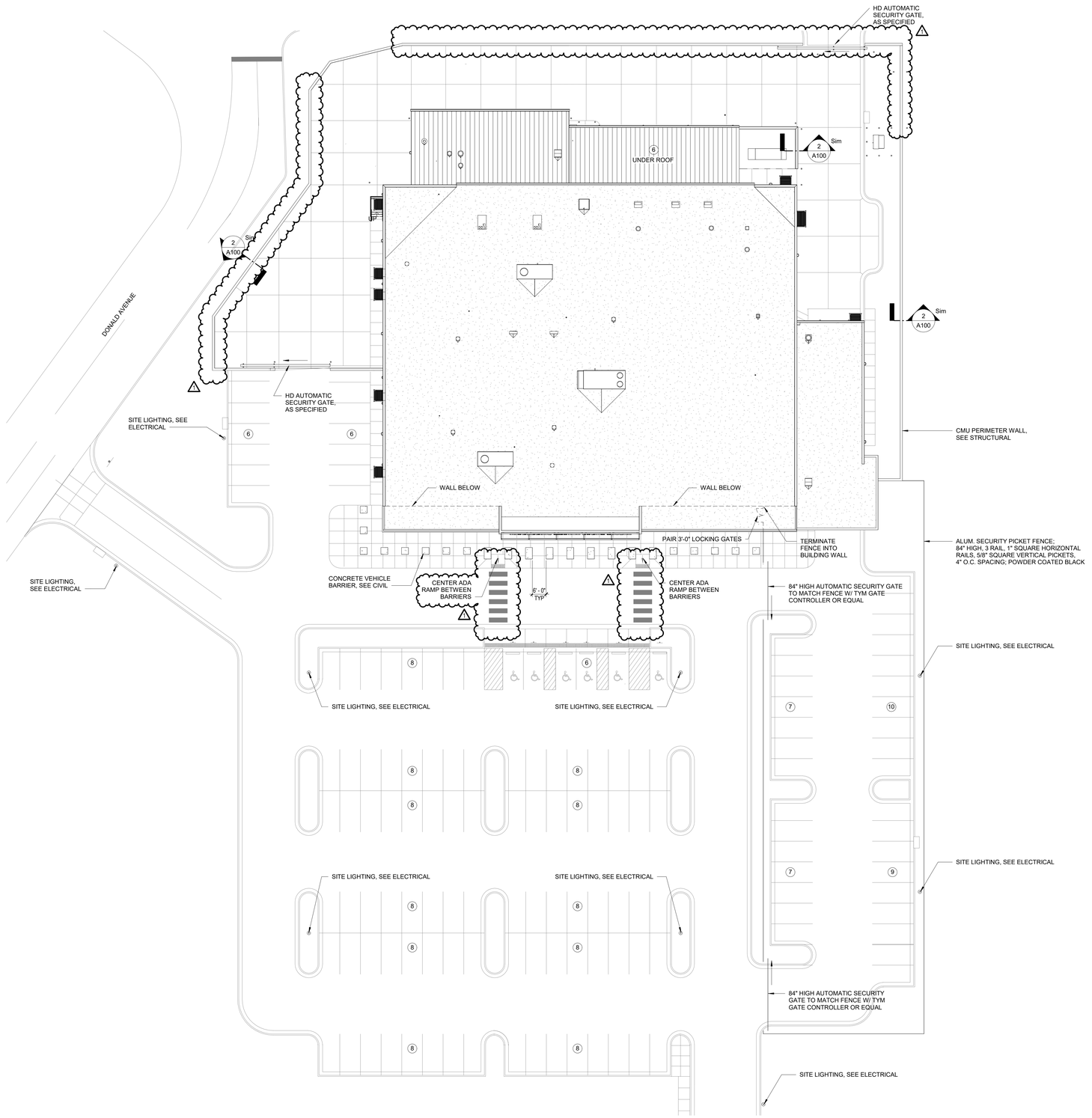
SHEET ISSUED: Project Issue Date

DRAWN BY: CRL

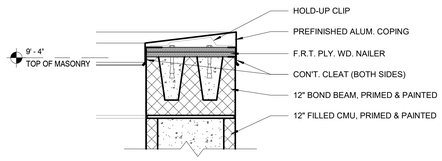
REVIEWED BY: CHP

SHEET NO. I-101

File Path:
2/5/2021 1:30:29 PM



1 SITE PLAN
1" = 20'-0"



2 SECTION DETAIL
1 1/2" = 1'-0"

BUILDING NORTH
TRUE NORTH

LPK
architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

601 22ND AVENUE P.O. BOX 600
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, alteration, or modification of these documents by any party other than LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT
ROBERT E. LAKE
1921
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

SITE PLAN

PROJECT NO.: 19-4894B

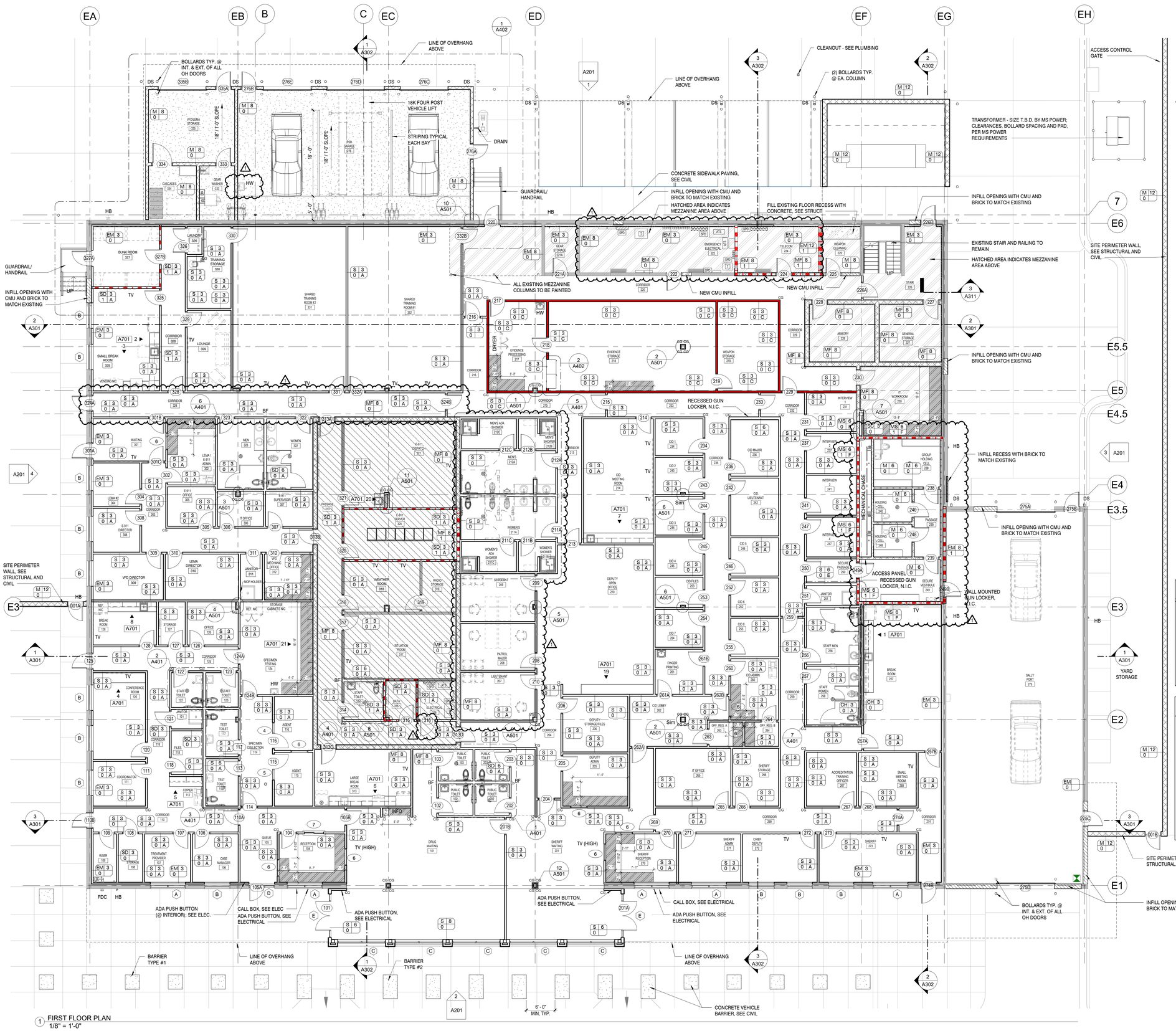
SHEET ISSUED: 03/18/2021

DRAWN BY: CL

REVIEWED BY: JS

SHEET NO. A100

BIM 360://Lauderdale County Government Complex/Q1 Mike Quentel.rvt
4/26/2021 5:14:28 PM



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

GENERAL FLOOR PLAN NOTES:

1. NOT EVERY CONDITION HAS BEEN DETAILED. WHERE SPECIFIC DETAILING IS NOT SHOWN, EXECUTE THE CONSTRUCTION IN A SOUND, WORKMAN-LIKE MANNER CONSISTENT WITH ACCEPTED BUILDING PRACTICES AND WITH OTHER DETAILING SHOWN.
2. SEE ELECTRICAL FOR SIZE, LOCATION, AND TYPES OF LIGHTING. SEE EXTERIOR ELEVATIONS A-201 FOR POSITIONING OF LIGHTS ON EXTERIOR WALLS.
3. SEE CIVIL FOR CONCRETE SIDEWALK CONTROL JOINT LAYOUTS.
4. ALL APPLIANCES ARE OWNER FURNISHED, INCLUDING COPY MACHINES, PRINTERS, REFRIGERATORS, ETC.
5. CONTRACTOR TO COORDINATE AND INSTALL ALL IN-WALL BLOCKING/BRACING AS REQUIRED FOR ALL MILLWORK ITEMS, FUTURE MILLWORK, EQUIPMENT, SHELVING,AND ACCESSORIES AS REQUIRED
6. CONTRACTOR SHALL LAYOUT SPACES AS INDICATED ON THE DRAWINGS AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES PRIOR TO INSTALLATION OF CONSTRUCTION MATERIALS.
7. REFER TO FINISH SCHEDULE AND FINISH PLAN FOR FLOOR, WALL AND OTHER FINISHES.
8. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FULLY FAMILIAR AND AWARE OF ANY AND ALL EXISTING CONDITIONS AND SITUATIONS. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF PERFORMING WORK REQUIRED BY THE CONTRACT DOCUMENTS.
9. "EDF" INDICATES ELECTRIC DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS.
10. "NIC" REFERS TO ITEMS THAT ARE NOT IN CONTRACT.
11. "FD" INDICATES FLOOR DRAIN, SEE PLUMBING DRAWINGS.
12. DO ALL DEMOLITION WORK REQUIRED TO REMOVE EXISTING PAVING, FOUNDATIONS, SLABS, UNDERGROUND PIPING, MASONRY WALLS, INTERIOR PARTITION WALLS, CONDUIT, BUILDING FINISHES, DOORS, WINDOWS AS SHOWN ON THE DRAWINGS AND ANY OTHER NECESSARY ITEMS TO INSTALL ALL NEW WORK AS SHOWN.

GENERAL PARTITION NOTES:

1. EXTEND INTERIOR PARTITION WALLS 6" ABOVE FINISHED CEILING UNLESS NOTED OTHERWISE AND INSTALL ACOUSTICAL BATTS FULL HEIGHT IN WALL BRACE AT CORNERS AND 4' O.C. MAX TO STRUCTURE ABOVE.
2. PROVIDE ACOUSTICAL JOINT INSULATION AT TOP AND BOTTOM OF EACH LAYER OF GYP BD FOR ALL PARTITIONS SCHEDULED TO RECEIVE SOUND ATTENUATION INSULATION
3. CONTRACTOR TO COORDINATE AND INSTALL PRESSURE TREATED WOOD BLOCKING AS REQUIRED FOR ALL MILLWORK ITEMS, EQUIPMENT, SHELVING, AND ACCESSORIES WHETHER ITEMS ARE BY CONTRACTOR OR BY OTHERS. COORDINATE WITH SPECIFIC ITEM SUPPLIER.
4. FOR TOILET ROOM PARTITIONS AND BEHIND ELECTRIC DRINKING FOUNTAINS, PROVIDE MOISTURE RESISTANT GYP BD IN LIEU OF STANDARD TYPE X GYP BD.
5. PROVIDE ACOUSTICAL BATTS ABOVE ALL CEILINGS RECEIVING LAY-IN ACOUSTICAL CEILINGS.
6. PROVIDE TILE BACKER BOARD IN LIEU OF GYP BD AT ALL LOCATIONS SCHEDULED TO RECEIVE WALL TILE FINISH. SEE FINISH SCHEDULE.
7. FINAL FINISHES ARE NOT INCLUDED ON PARTITION TYPES. SEE FINISH SCHEDULE.
8. PARTITION TYPES ARE INTENDED TO DESCRIBE BASIC MATERIALS AND ASSEMBLIES. FURR-OUTS, FURR-DOWNS, REVEALS, AND OTHER DESIGN FEATURES ARE DESCRIBED ON OTHER SHEETS IN THIS PLAN SET.

OPAQUE THERMAL ENVELOPE REQ'S

ROOFS	
INSULATION ENTIRELY ABOVE DECK	R-13 + R-11 LS
WALLS, ABOVE GRADE	
MASS	R-9.5 CI
METAL FRAMED	R-13 + R-6.5 CI
OPAQUE DOORS	
SWINGING	U-0.61
ROLL-UP OR SLIDING	R-4.75

FOR SI: 1 INCH = 25.4 MM. CI = CONTINUOUS INSULATION. NR = NO REQUIREMENT.

LEGEND:

- SOLID SURFACE COUNTERTOP, SEE MILLWORK DETAIL 3/A801. ALL MILLWORK DIMENSIONS TO BE FIELD VERIFIED BY THE CONTRACTOR
- INFILL EXISTING OPENING WITH CMU AND BRICK TO MATCH EXISTING, PAINTED
- HATCHED AREA INDICATES MEZZANINE AREA ABOVE
- FIRE RATED WALL, SEE LS101 LIFE SAFETY PLAN
- PARTITION WALL W.FULL HEIGHT SECUIRTY MESH, SEE A003 WALL TYPES
- CG — CORNER GUARD AS SPECIFIED

BUILDING NORTH / TRUE NORTH

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

921 22ND AVENUE P.O. BOX 650
MERIDIAN, MISSISSIPPI 39302
P: 601.693.9444
F: 601.693.9445

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reuse without written permission from LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County Public Safety Building

PROJECT ADDRESS:
Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT ROBERT E. LUKE 21921 STATE OF MISSISSIPPI 3-3-21

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

FIRST FLOOR PLAN

PROJECT NO.: 19-4894B
SHEET ISSUED: 03/18/2021
DRAWN BY: BA/CL
REVIEWED BY: JS
SHEET NO. A101

BIM 360://Documents/County Government Departments/Public Safety_Central.rvt
4/29/2021 1:05:48 PM

GENERAL DIMENSIONING NOTES:

1. ALL INTERIOR DIMENSIONS ARE TAKEN FROM FACE OF METAL STUDS UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS SHOWN WHICH INDICATE WINDOWS AND/OR BORROWED LITES ARE TO ROUGH OPENING OF WINDOW, UNLESS SPECIFICALLY NOTED OTHERWISE.

1 DIMENSION FLOOR PLAN
1/8" = 1'-0"

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

921 22ND AVENUE P. O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8442
F: 601.693.8443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication by any method in whole or part without LPK Architects P.A. will result in all acrobies and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT
ROBERT E. LAKE
1921
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

DIMENSION FLOOR PLAN

PROJECT NO.:	19-4894B
SHEET ISSUED:	03/18/2021
DRAWN BY:	CL
REVIEWED BY:	JS

SHEET NO.

A102

BUILDING NORTH / TRUE NORTH

BIM 360://Lauderdale County Government Complex/Bldg Option.rvt
4/26/2021 5:06:18 PM



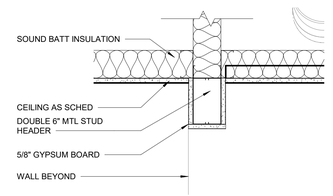
1 REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING LEGEND

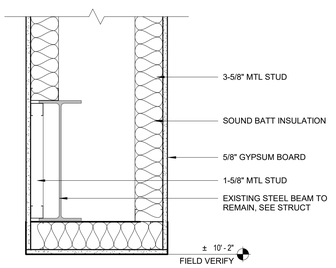
- 1X4 LED LAY-IN FIXTURE
- 2X2 LED LAY-IN FIXTURE
- RECESSED CAN LIGHT
- OUTDOOR LED WALL PACK
- LED LINEAR LIGHT FIXTURE
- COMBINATION EMERGENCY LIGHT AND EXIT LIGHT
- EXIT LIGHT
- HVAC SUPPLY DIFFUSER
- HVAC R/A GRILL
- EXHAUST FAN
- EXPOSED STRUCTURE TO BE PAINTED, TYP.
- 24"X24" ACOUSTICAL CEILING TILE (ACT2 UNLESS OTHERWISE NOTED)
- EXPOSED UNDERSIDE OF CONCRETE CAP
- 5/8" GYP. BD. CEILING (TO BE PAINTED P1 UNLESS NOTED OTHERWISE)
- PREFINISHED FLUSH SEAM ALUMINUM SOFFIT
- 9'-0" A.F.F. CEILING HEIGHT UNLESS OTHERWISE NOTED

GENERAL CEILING PLAN NOTES:

1. CONTRACTOR TO COORDINATE WITH MECHANICAL & ELECTRICAL DRAWINGS FOR ITEMS LOCATED IN CEILINGS FOR ALL COMPONENTS NOT SHOWN ON THIS SHEET.
2. THE CONTRACTOR SHALL VERIFY THAT ACCESS PANELS OF APPROPRIATE SIZE & TYPE ARE INSTALLED IN GYP BD CEILINGS OR SOFFITS, AND IN OTHER NON-ACCESSIBLE TYPE CEILINGS OR SOFFITS WHERE ACCESS, SERVICE, OR ADJUSTMENT TO MECHANICAL, PLUMBING, FIRE PROTECTION, OR ELECTRICAL SYSTEMS MAY BE REQUIRED. THE CONTRACTOR SHALL TAKE SPECIAL CARE TO LOCATE ALL SYSTEM COMPONENTS, ETC. REQUIRING ACCESS ABOVE ACCESSIBLE CEILINGS. LOCATION(S) OF ALL ACCESS PANELS TO BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL ADVISE THE OWNER THAT ITEMS SHALL NOT BE PLACED OR STORED ON TOP OF SUCH SHELVING SO THAT THE CODE REQUIRED 18" VERTICAL CLEARANCE IS MAINTAINED.
4. CONTRACTOR SHALL INSTALL GRID ALIGNED THROUGH DOORWAYS AND CENTERED ON CORRIDORS UNLESS NOTED OTHERWISE (UNO). START GRID LAYOUT WITH DIMENSIONS AS SHOWN ON PLANS.
5. CONTRACTOR SHALL COORDINATE CEILING HEIGHTS AND INSTALLATION OF CEILING AND ABOVE-CEILING COMPONENTS WITH ALL TRADES AND REPORT ANY CONFLICTS TO THE ARCHITECT IMMEDIATELY. CONTRACTOR IS RESPONSIBLE FOR COORDINATION.
6. COORDINATE ALL CEILING COMPONENTS W/ THE ENTIRE CONSTRUCTION DOCUMENTS SET.
7. CONTRACTOR SHALL INSTALL SOUND ATTENUATION BLANKETS ABOVE ALL CEILINGS.
8. WHERE ACT UNITS LESS THAN 6" WIDE WOULD OCCUR AT EDGES OF ROOM WITH 24" X 24" PATTERN, PROVIDE 24" X 48" PANELS CUT TO EXTEND TO WALL, ELIMINATING THE TEE NEAR THE WALL.
9. ALL CAN LIGHTS AND SPRINKLER HEADS TO BE CENTERED WITHIN 2X2 GRID WHERE APPLICABLE.



2 SECTION DETAIL
1 1/2" = 1'-0"



3 SECTION DETAIL
1 1/2" = 1'-0"

BUILDING NORTH / TRUE NORTH

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

601 22ND AVENUE P.O. BOX 600
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8445

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reuse or modification of these documents without the written consent of LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT ROBERT E. LAKE 1921 STATE OF MISSISSIPPI 3-3-16

REVISIONS/SUBMISSIONS

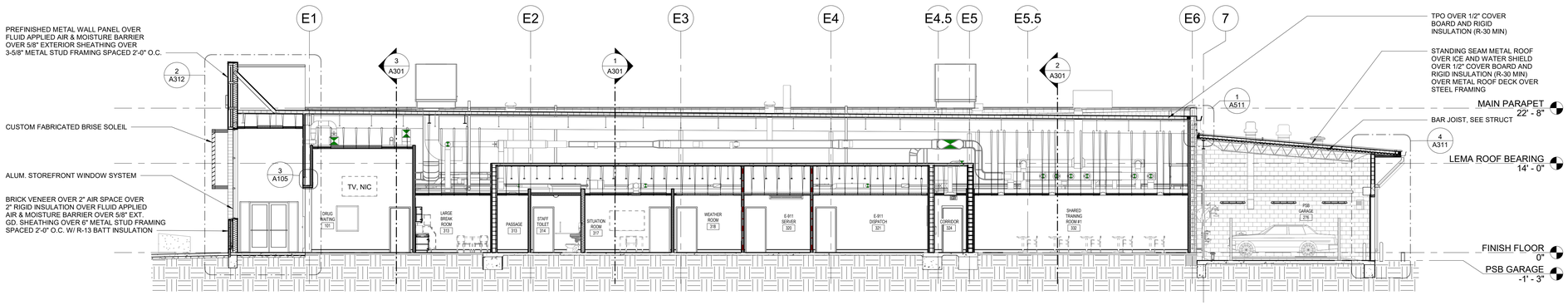
NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

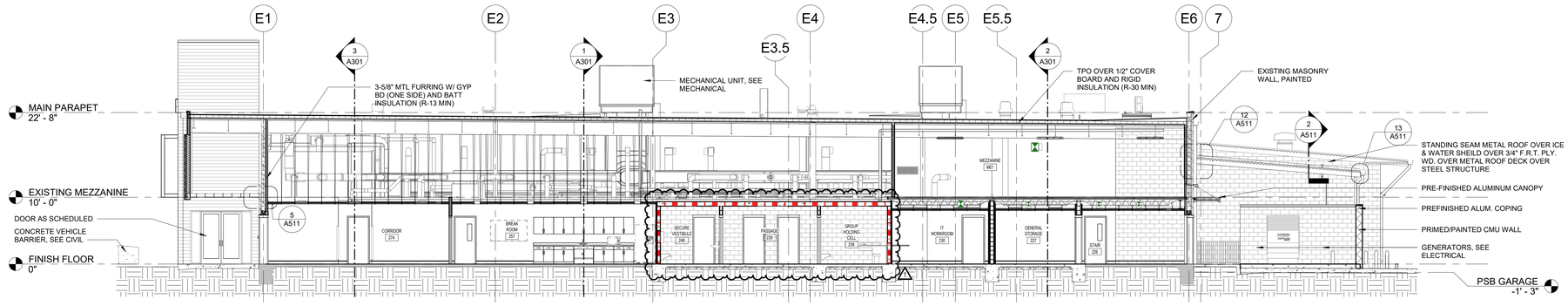
REFLECTED CEILING PLAN & DETAILS

PROJECT NO.: 19-4894B
SHEET ISSUED: 03/18/2021
DRAWN BY: CL
REVIEWED BY: JS
SHEET NO. A105

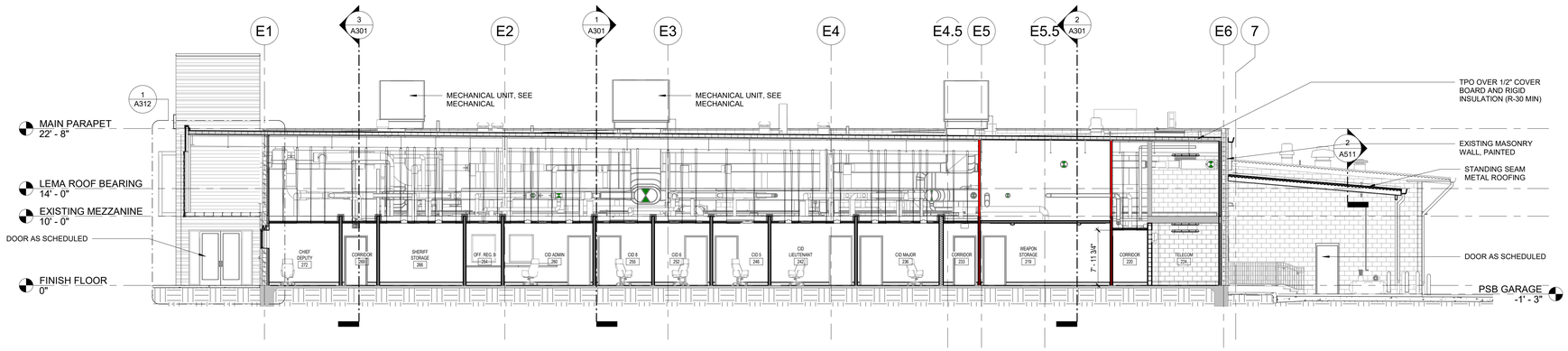
BIM 360://Lauderdale County Government Complex/LCJ_Main_Detailed.rvt
4/29/2021 5:06:31 PM



1 BUILDING SECTION
1/8" = 1'-0"



2 BUILDING SECTION
1/8" = 1'-0"



3 Section 11
1/8" = 1'-0"

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

611 22ND AVENUE P. O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method without LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT ROBERT E. LUKE 1921 STATE OF MISSISSIPPI 3-3-1894

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

BUILDING SECTIONS

PROJECT NO.: 19-4894B

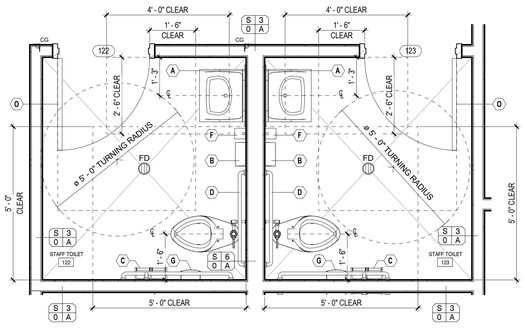
SHEET ISSUED: 03/18/2021

SHEET NO.: A302

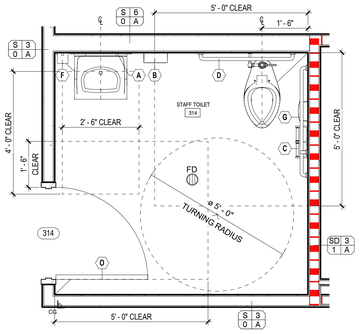
DRAWN BY: CL

REVIEWED BY: JS

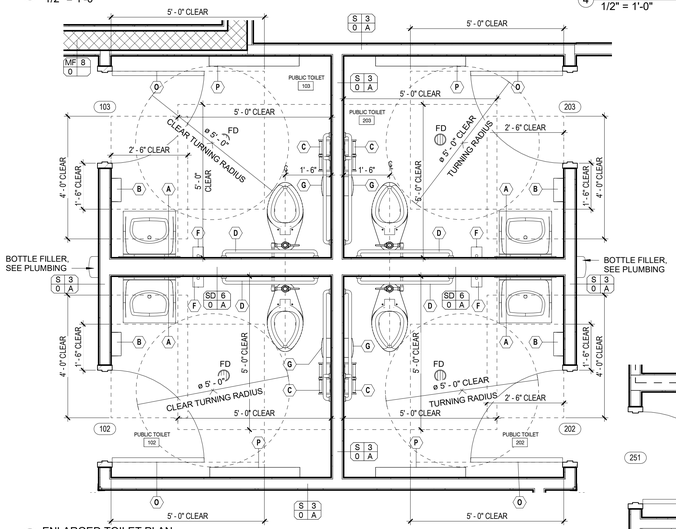
BIM 360://Lauderdale County Government Complex/Bldg_Central.rvt
4/20/2021 5:07:04 PM



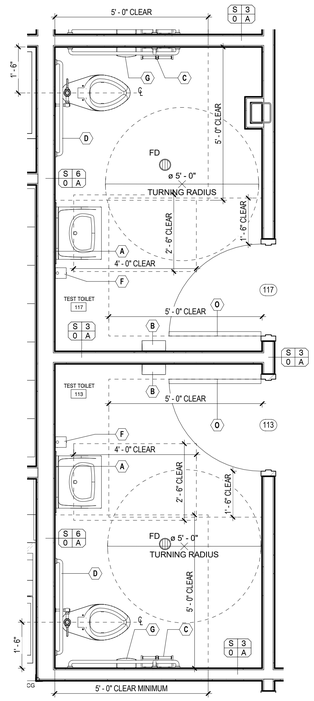
2 ENLARGED TOILET PLAN
1/2" = 1'-0"



4 ENLARGED TOILET PLAN
1/2" = 1'-0"

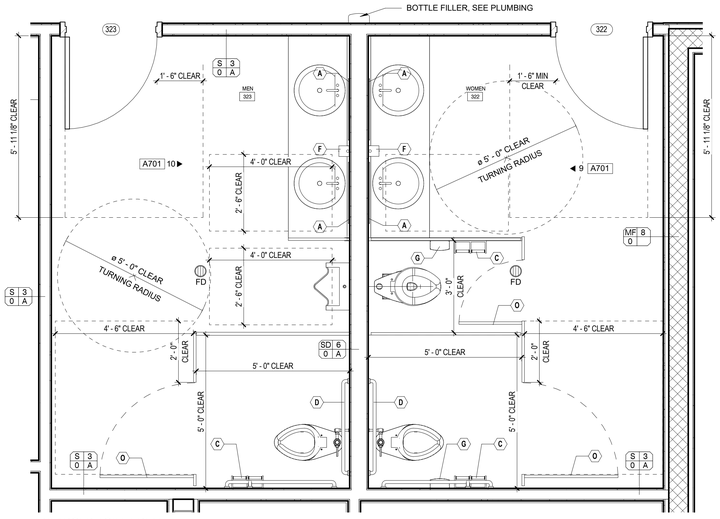


1 ENLARGED TOILET PLAN
1/2" = 1'-0"

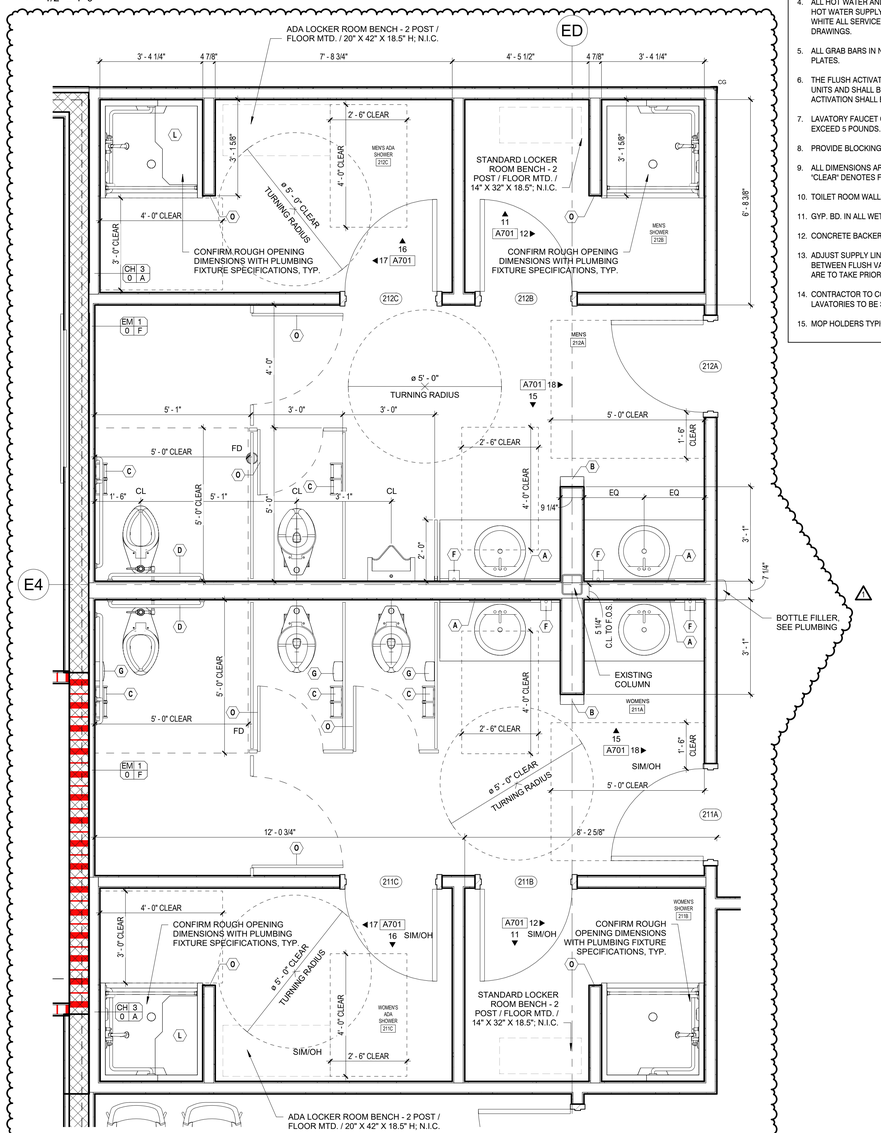


3 ENLARGED TOILET PLAN
1/2" = 1'-0"

7 ENLARGED TOILET PLAN
1/2" = 1'-0"



6 ENLARGED TOILET PLAN
1/2" = 1'-0"



5 ENLARGED TOILET PLAN
1/2" = 1'-0"

E4

RESTROOM ACCESSORIES

X

A. 24" X 36" MIRROR - BOBRICK B-165
(40" A.F.F. TO BOTTOM OF REFLECTIVE SURFACE.)

B. WALL-MOUNTED HAND DRYER - DYSON AIRBLADE V AB12 - SPRAYED NICKEL

C. TOILET TISSUE DISPENSER (WALL MOUNTED). DISPENSER SHALL BE LOCATED WITHIN 12" OF THE FRONT EDGE OF THE TOILET SEAT. BOBRICK B-2730 (2 PER STALL)

D. 42" & 36" HORIZ. AND 18" VERT. STAINLESS STEEL GRAB BAR, (SURFACE MOUNTED), 1 1/4" - 1 1/2"Ø MOUNTED 1 1/2" FROM WALL. BOBRICK B-68061X42, B-68061X36 & B-65061X18.

E. MOP AND BROOM RACK - THREE HOLDERS - BOBRICK 9953 (TYPICAL ALL JANITOR CLOSETS).

F. WALL-MOUNTED AUTOMATIC SOAP DISPENSER - BOBRICK B-2013

G. WALL-MOUNTED FEMININE NAPKIN RECEPTACLE - BOBRICK B-270

H. NOT USED

I. NOT USED

J. NOT USED

K. NOT USED

L. SHOWER SEAT

M. NOT USED

N. NOT USED

O. COAT / ROBE HOOK

P. BABY CHANGING STATION - KOALA KARE KB100-ST

GENERAL PLUMBING NOTES

1. ALL PLUMBING MATERIAL AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
2. SEE PLUMBING DRAWINGS FOR LOCATIONS AND SIZES OF ACCESS PANELS.
3. ALL FIXTURES AND ACCESSORIES SHALL COMPLY WITH THE CURRENT A.D.A., STATE OR LOCAL REGULATIONS FOR MOUNTING HEIGHTS AND CLEARANCES.
4. ALL HOT WATER AND DRAIN PIPES SHALL BE INSULATED PER A.D.A. REQUIREMENTS. MINIMUM HOT WATER SUPPLY INSULATION SHALL BE PRE-MOLDED FIBERGLASS PIPE INSULATION WITH WHITE ALL SERVICE JACKET. INSULATION THICKNESS SHALL BE MIN. 1". SEE PLUMBING DRAWINGS.
5. ALL GRAB BARS IN NEW CONSTRUCTION SHALL BE INSTALLED WITH CONCEALED ANCHOR PLATES.
6. THE FLUSH ACTIVATOR SHALL BE LOCATED ON THE WIDE CLEARANCE SIDE OF HANDICAPPED UNITS AND SHALL BE LEVER TYPE. THE FORCE TO ACTIVATE SHALL NOT EXCEED 5 POUNDS. ACTIVATION SHALL BE WITHIN 40" OF FIN. FLOOR.
7. LAVATORY FAUCET CONTROLS SHALL BE LEVER TYPE AND THE FORCE TO ACTIVATE SHALL NOT EXCEED 5 POUNDS.
8. PROVIDE BLOCKING IN WALLS AS REQ'D FOR ALL FIXTURES AND EQUIPMENT.
9. ALL DIMENSIONS ARE TO FACE OF STUD OR FACE OF FURRING UNLESS OTHERWISE NOTED. "CLEAR" DENOTES FINISH TO FINISH.
10. TOILET ROOM WALLS TO HAVE SOUND BATT INSULATION FROM FLOOR TO DECK ABOVE.
11. GYP. BD. IN ALL WET AREAS TO BE WATER RESISTANT GYP. BD.
12. CONCRETE BACKER BOARD SHALL BE PROVIDED BEHIND TILE AT WALLS.
13. ADJUST SUPPLY LINE WALL PENETRATION HEIGHTS AS NEEDED TO AVOID CONFLICTS BETWEEN FLUSH VALVES AND GRAB BAR MOUNTING HEIGHTS. GRAB BAR MOUNTING HEIGHTS ARE TO TAKE PRIORITY.
14. CONTRACTOR TO CORRIDATE WITH SPECIFIED FIXTURES AND FINISHES TO ENSURE RIM OF LAVATORIES TO BE 34" A.F.F. MAX.
15. MOP HOLDERS TYPICAL AT EACH JANITOR CLOSET.

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

101 22ND AVENUE P. O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.9000
F: 601.693.9442

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reuse without the written permission of LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT ROBERT E. LAKE 1921 STATE OF MISSISSIPPI

3-3-19

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

ENLARGED PLANS

PROJECT NO.: 19-4894B

SHEET ISSUED: 03/18/2021

DRAWN BY: CL

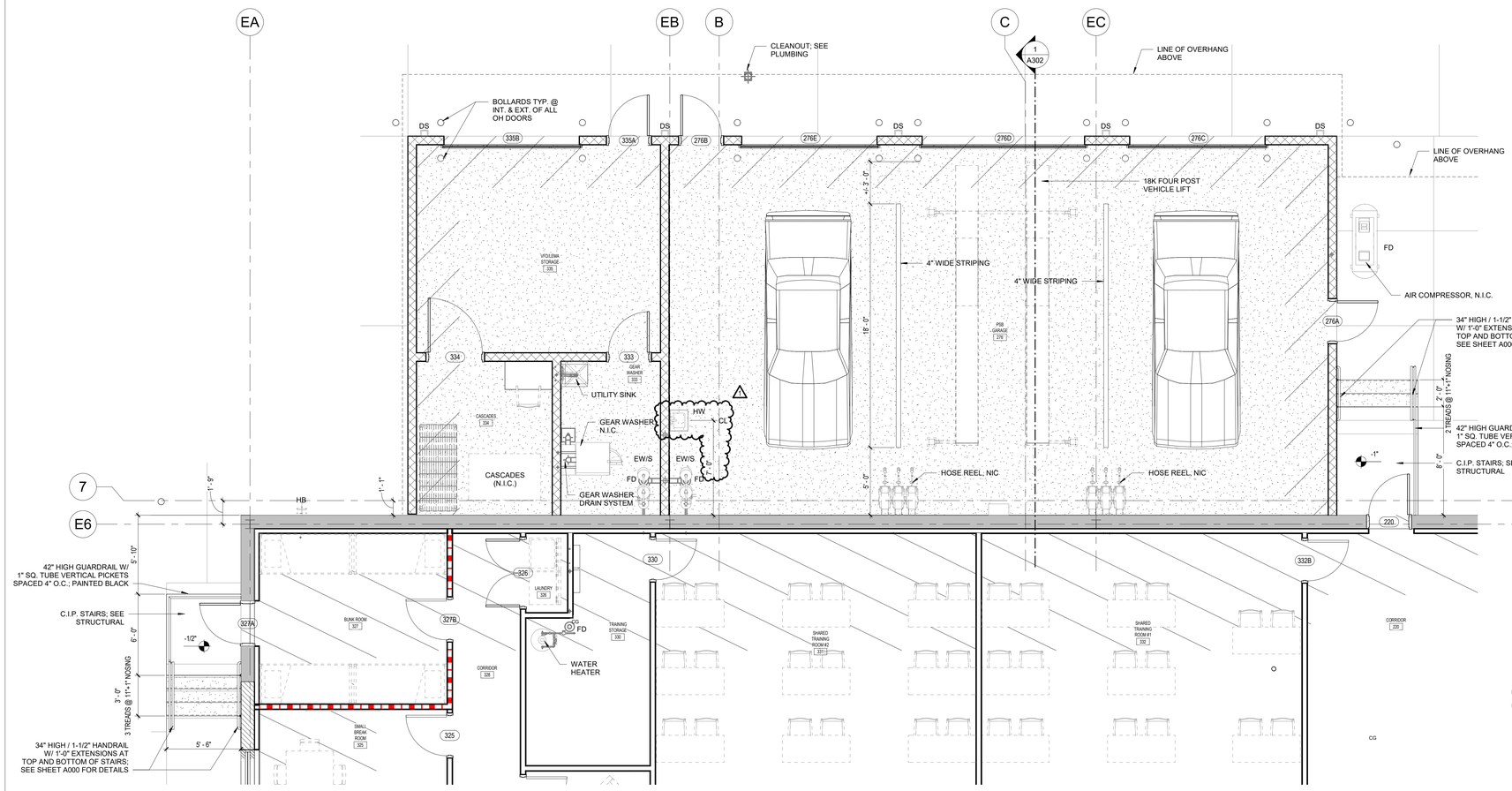
REVIEWED BY: JS

SHEET NO.

A401

BIM 360://Lauderdale County Government Complex/LCJ-MEP_Central.rvt

4/27/2021 9:35:13 AM



1 ENLARGED FLOOR PLAN - PSB GARAGE
1/4" = 1'-0"

2 ENLARGED DETAIL
1 1/2" = 1'-0"

BIM 360://Lauderdale County Government Complex/02_Public_Safety.rvt
4/27/2021 9:58:00 AM

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

611 22ND AVENUE P.O. BOX 655
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8449

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents without the written consent of LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT ROBERT E. LAKE 1921 STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

ENLARGED PLANS

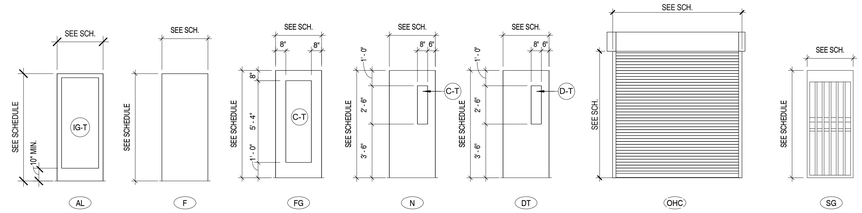
PROJECT NO.:	19-4894B
SHEET ISSUED: 03/18/2021	SHEET NO. A402
DRAWN BY: Author	
REVIEWED BY: Checker	

DOOR SCHEDULE

NUMBER	DOOR D-TYPE	DOOR D-MATL	DOOR SINGLE/PAIR	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR DOOR FINISH	FRAME F-TYPE	FRAME F-MATL	FRAME F-FINISH	LABEL	REMARKS
001A	SG	STL	SINGLE	3' - 0"	7' - 0"		PTD		STL	PTD		ACCESS CONTROL, SECURITY GATE
001B	SG	STL	SINGLE	3' - 0"	7' - 0"		PTD		STL	PTD		ACCESS CONTROL, SECURITY GATE
101	AL	AL	PAIR	6' - 0"	7' - 10"	1 3/4"	FACTORY	10	AL	FACTORY		ACCESS CONTROL / ADA BUTTON INTERIOR / EXTERIOR / SEE WINDOW ELEVATION 'E'
102	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
103	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
104	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
105A	AL	AL	SINGLE	3' - 0"	7' - 10"	1 3/4"	FACTORY	9	AL	FACTORY		ACCESS CONTROL / ADA BUTTON INTERIOR / SEE EXTERIOR WINDOW ELEVATION 'D'
105B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
106	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
107	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
108	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
109	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
110A	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
110B	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
111	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
113	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
114	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
115	FG	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	5	HM	PTD		
116	FG	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	4	HM	PTD		
117	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
118	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
120	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
121	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
122	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
123	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
124A	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
124B	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
125	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
126	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
127	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
128	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
201A	AL	HM	PAIR	6' - 0"	7' - 10"	1 3/4"	PTD	10	HM	PTD		ACCESS CONTROL / ADA BUTTON INTERIOR / EXTERIOR / SEE WINDOW ELEVATION 'E'
201B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
202	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
203	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
204	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
205	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
206	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
208	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
209	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
210	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
211A	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
211B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
211C	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
212A	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
212B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
212C	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
213	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
214	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
215	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
216	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
217	H	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	1	HM	PTD		
218	H	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	1	HM	PTD		ACCESS CONTROL
219	H	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	1	HM	PTD		ACCESS CONTROL
220	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
221A	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
222	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD	45 MIN	
224	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD	45 MIN	
225	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
226A	N	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	1	HM	PTD		
226B	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
227	G	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
228	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL, HARDENED DOOR
229	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
230	G	WD	SINGLE	3' - 1"	7' - 0"	1 3/4"	STAINED	2	HM	PTD		ACCESS CONTROL
231	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
233	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
234	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
236	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
237	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
238	DT	HM	SINGLE	3' - 0"	7' - 0"	2"	PTD	3	HM	PTD		DETENTION DOOR ASSEMBLY
239	DT	HM	SINGLE	3' - 0"	7' - 0"	2"	PTD	3	HM	PTD		ACCESS CONTROL, DETENTION DOOR ASSMEBLY
240	DT	HM	SINGLE	3' - 0"	7' - 0"	2"	PTD	3	HM	PTD		DETENTION DOOR ASSEMBLY
241	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
242	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
243	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
244	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
245	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
246	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		

DOOR SCHEDULE

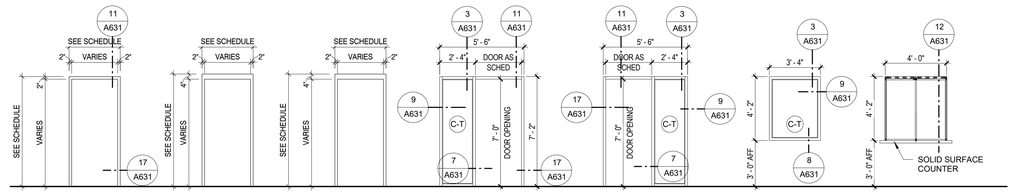
NUMBER	DOOR D-TYPE	DOOR D-MATL	DOOR SINGLE/PAIR	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR DOOR FINISH	FRAME F-TYPE	FRAME F-MATL	FRAME F-FINISH	LABEL	REMARKS
247	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
248	DT	HM	SINGLE	3' - 0"	7' - 0"	2"	PTD	3	HM	PTD		DETENTION DOOR ASSEMBLY
249A	DT	HM	SINGLE	3' - 0"	7' - 0"	2"	PTD	3	HM	PTD	45 MIN	ACCESS CONTROL, DETENTION DOOR ASSMEBLY
249B	DT	HM	SINGLE	3' - 0"	7' - 0"	2"	PTD	3	HM	PTD	45 MIN	ACCESS CONTROL, DETENTION DOOR ASSMEBLY
250	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL, DETENTION DOOR ASSMEBLY
251	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
252	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
253	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
254	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
255	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
256	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
257	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
257A	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
257B	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
259	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
260	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
261A	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
261B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
262A	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
262B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
263	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
264	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
265	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
266	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
267	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
268	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
269	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
270	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
271	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
272	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
273	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
274A	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
274B	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
275A	OHC	FACTORY	SINGLE	12' - 0"	10' - 0"	0"	FACTORY		FACTORY	FACTORY		ELECTRIC OVERHEAD DOOR
275B	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
275C	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
275D	OHC	FACTORY	SINGLE	12' - 0"	10' - 0"	0"	FACTORY		FACTORY	FACTORY		ELECTRIC OVERHEAD DOOR
276A	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
276B	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
276C	OHC	FACTORY	SINGLE	10' - 0"	10' - 0"	0"	FACTORY		FACTORY	FACTORY		ELECTRIC OVERHEAD DOOR
276D	OHC	FACTORY	SINGLE	12' - 0"	10' - 0"	0"	FACTORY		FACTORY	FACTORY		ELECTRIC OVERHEAD DOOR
276E	OHC	FACTORY	SINGLE	10' - 0"	10' - 0"	0"	FACTORY		FACTORY	FACTORY		ELECTRIC OVERHEAD DOOR
301A	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
301B	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
301C	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
302	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
304	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
305	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
306	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
307	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
308	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
309	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
310	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
311	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
312	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
313A	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	2	HM	PTD		ACCESS CONTROL, HARDENED DOOR
313B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	2	HM	PTD		ACCESS CONTROL, HARDENED DOOR
313C	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		HARDENED DOOR
313D	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL, HARDENED DOOR
314	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
315	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD	45 MIN	ACCESS CONTROL
316	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
317	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
318	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
319	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1				
320	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD	45 MIN	ACCESS CONTROL
321	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		ACCESS CONTROL
322	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
323	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
324A	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
324B	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
325	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
326	F	WD	PAIR	5' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
327A	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		EMERGENCY EXIT ONLY
327B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD	45 MIN	
328	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
329	N	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
330	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
331	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
332A	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
332B	F	WD	SINGLE	3' - 0"	7' - 0"	1 3/4"	STAINED	1	HM	PTD		
333	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
334	B	HM	SINGLE	4' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		
335A	F	HM	SINGLE	3' - 0"	7' - 0"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL
335B	OHC	FACTORY	SINGLE	10' - 0"	10' - 0"	0"	FACTORY		FACTORY	FACTORY		ELECTRIC OVERHEAD DOOR
M01	F	HM	PAIR	5' - 4"	7' - 2"	1 3/4"	PTD	2	HM	PTD		ACCESS CONTROL



DOOR TYPES
1/4" = 1'-0"

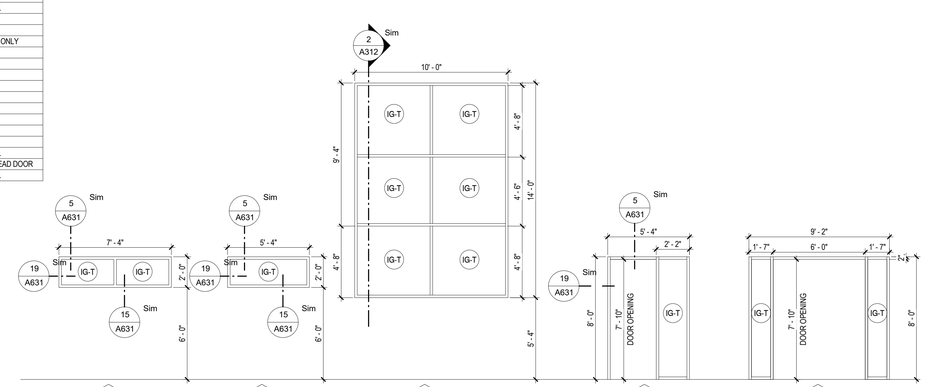
GLAZING SCHEDULE

C	1/4" CLEAR GLASS
C-T	1/4" CLEAR GLASS, FULLY TEMPERED
I-T	1/2" THICK INTERIOR BUTT JOINTED GLASS PANELS, CLEAR UNCOATED, FULLY TEMPERED
IG	1" THICK INSULATED GLASS WITH 1/2" AIR SPACE AND TWO 1/4" LITES
IG-T	1" THICK INSULATED GLASS WITH 1/2" AIR SPACE AND TWO 1/4" LITES, FULLY TEMPERED
D-T	DETENTION SECURITY GLASS



FRAME TYPES
1/4" = 1'-0"

1. CONTRACTOR SHALL SUBMIT LEVER STYLE HARDWARE FOR APPROVAL BY OWNER AND ARCHITECT.
2. OBTAIN EACH KIND OF HARDWARE (LATCH AND LOCKSETS, EXIT DEVICES, HINGES AND CLOSERS) FROM ONLY ONE MANUFACTURER COMPLYING WITH REQUIREMENTS.
3. HARDWARE SUPPLIER SHALL BE A DIRECT FACTORY CONTRACT SUPPLIER WHO HAS IN HIS EMPLOYMENT AN ARCHITECTURAL HARDWARE CONSULTANT (AHC) WHO IS AVAILABLE AT ALL REASONABLE TIMES DURING THE COURSE OF THE WORK, AND FOR PROJECT HARDWARE CONSULTATION TO THE OWNER, ARCHITECT, AND CONTRACTOR.
4. ALL DOOR HANDLES, PULLS, LATCHES, LOCKS AND/OR OTHER OPERATING DEVICES SHALL BE INSTALLED BETWEEN 34" (MIN) AND 48" (MAX) PER ADAAG 4.13.8.
5. ALL DOOR THRESHOLDS SHALL BE 1/2" HIGH (MAX) PER ADAAG 4.13.8.
6. ALL DOOR LOCKSETS/LATCHES SHALL BE "LEVER TYPE" PER ADAAG SECTION 4.13.9.
7. ALL DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LEADING EDGE PER ADAAG 4.13.10.
8. THE FORCE REQUIRED TO OPEN DOORS SHALL NOT EXCEED FIVE POUNDS. FORCE TO OPEN DOORS WITH PANIC HARDWARE NOT TO EXCEED 5 LBS.
9. ALL HARDWARE IN WALL SYSTEM DOORS PROVIDED BY OTHERS SHALL MEET ALL ACCESSIBILITY REQUIREMENTS.
10. ANY EGRESS DOORS WITH A DEADBOLT LOCK SHALL HAVE A READILY VISIBLE DURABLE SIGN POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING, "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED." THE SIGN SHALL BE IN 1" HIGH LETTERS ON A CONTRASTING BACKGROUND.
11. ALL EXTERIOR DOORS, FRAMES AND HARDWARE SHALL BE INSTALLED AS REQUIRED TO MEET OR EXCEED APPLICABLE WIND LOADS AND LOCAL HURRICANE CODES. REFER TO DOOR MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
12. INTERIOR DOOR HARDWARE TO BE LEVER ACTION W/ INTERCHANGEABLE CORES.
13. DIMENSIONS PROVIDED ON PLANS & SCHEDULE ARE NOMINAL. COORDINATE DIMENSIONS IN THE FIELD FOR FRAME AND ROUGH OPENINGS PRIOR TO FABRICATION & CONSTRUCTION.
14. DOOR HANDLES SHALL BE MOUNTED @ 38" AFF UNO.
15. ALL INTERIOR DOORS SHALL HAVE WALL OR FLOOR STOPS TO MATCH HARDWARE FINISH UNO.
16. DOORS SHALL BE NOMINALLY UNDERCUT TO ACCEPT FINAL FLOOR FINISH.
17. OUTSIDE OF DOOR FRAME SHALL BE SET 4" FROM ADJACENT WALL OR PARTITION UNO.
18. FLOOR FINISH TRANSITIONS AT DOORS SHALL OCCUR DIRECTLY BELOW THE CENTERLINE OF THE DOOR LEAF.
19. DOOR HARDWARE SHALL COMPLY WITH THE MOST CURRENT LOCALLY ADOPTED VERSIONS OF THE AMERICANS WITH DISABILITIES ACT, INCLUDING, BUT NOT LIMITED TO: A) MAX 1/2" THRESHOLD WITH 1:20 SLOPE. B) PUSH/PULL HANDLES OR LEVER HANDLES. C) DOOR CLOSERS MEET ADA FORCE AND SWEEP PERIOD REQUIREMENTS.
20. LOCATE ALL DOOR CLOSERS ON INTERIOR ROOM SIDE OF DOOR.
21. ALL DOORS TO BE 1-3/4" THICK UNO.
22. PROVIDE WRAP-AROUND FRAMES AT ALL INTERIOR DOOR LOCATIONS UNLESS NOTED OTHERWISE. CONTRACTOR SHALL VERIFY THICKNESS OF PARTITIONS AND SIZE DEPTH OF FRAME ACCORDINGLY.
23. ROOM SIGNS ARE REQUIRED TO BE LOCATED ADJACENT TO OPENINGS WHERE INDICATED IN "ROOM SIGN" COLUMN OF OPENING SCHEDULE. SEE DRAWINGS 1/A-611 FOR EXPLANATION OF SIGNAGE REQUIREMENTS.
24. CONTRACTOR TO VERIFY LOCATION OF MORTISE LOCKS, HARDWARE, AND VIEW LITES TO AVOID CONFLICTS.
25. VERIFY WIDTH OF FRAMES FOR ALL OPENINGS REQUIRING ALUMINUM FRAMES. DOOR SIZES ARE INDICATED AS NORMAL BASED ON ASSUMED FRAME SIZES. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ALUMINUM FRAME MANUF PRIOR TO FINAL SELECTION OF DOORS.



EXTERIOR WINDOWS: ALUMINUM FRAMED

4 EXTERIOR WINDOW TYPES
1/4" = 1'-0"

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
601 22ND AVENUE P. O. BOX 650
MERIDIAN, MISSISSIPPI 39302
P: 601. 693. 8444
F: 601. 693. 8449

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reuse without the written permission of LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL



KEY PLAN

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

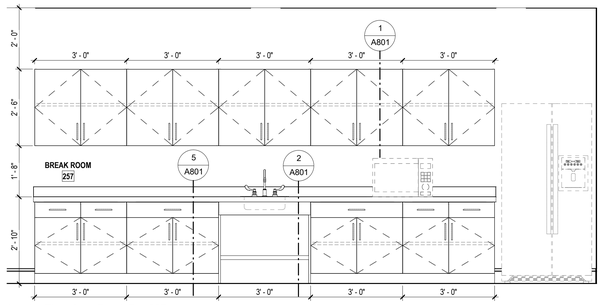
SHEET TITLE

OPENING SCHEDULE

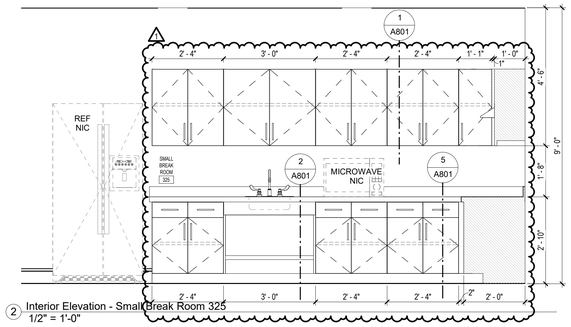
PROJECT NO.:	19-4894B
SHEET ISSUED:	03/18/2021
DRAWN BY:	CL
REVIEWED BY:	JS
SHEET NO.	A611

DM 2021\Lauderdale County Government
Departments\Public Safety\Central

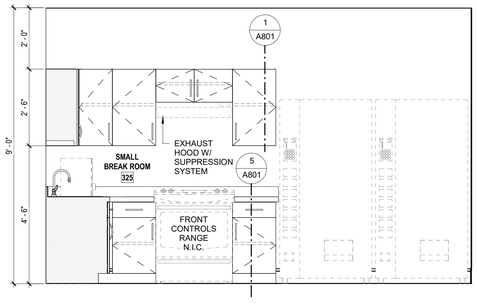
4/26/2021 1:19:29 PM



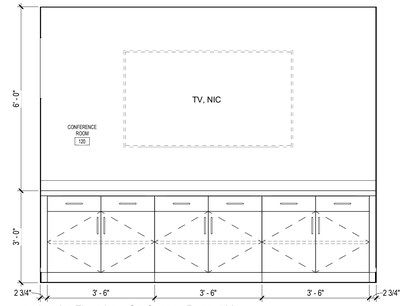
1 Interior Elevation - Break Rm 257
1/2" = 1'-0"



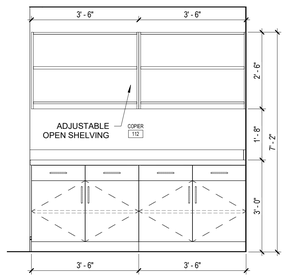
2 Interior Elevation - Small Break Room 325
1/2" = 1'-0"



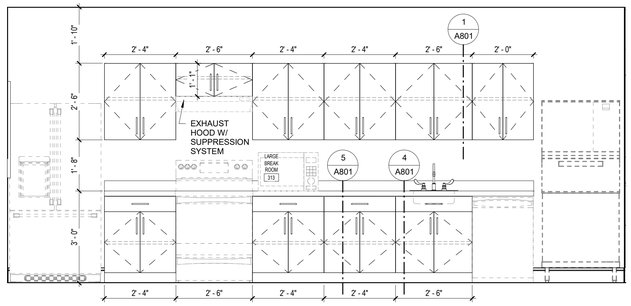
3 Interior Elevation - Small Break Room 325
1/2" = 1'-0"



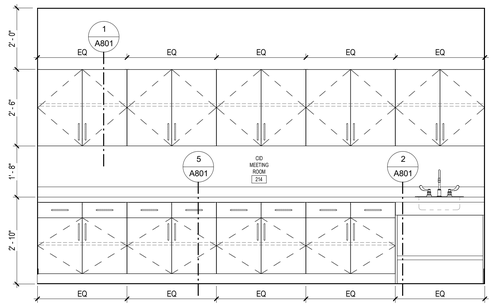
4 Interior Elevation - Conference Room 120
1/2" = 1'-0"



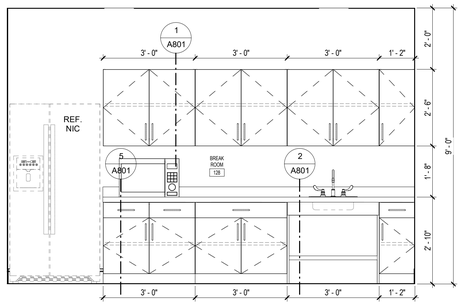
5 Interior Elevation - Copier 112
1/2" = 1'-0"



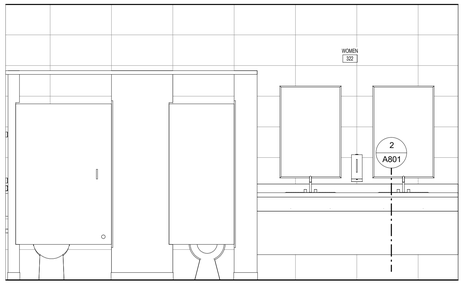
6 Interior Elevation - Large Break Room 313
1/2" = 1'-0"



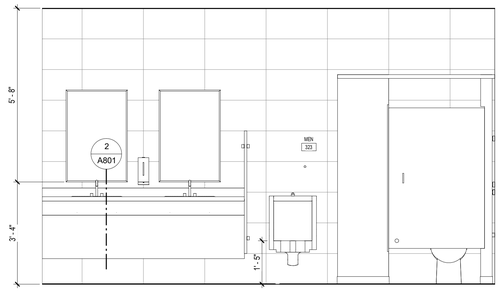
7 Interior Elevation - CID Meeting Room 214
1/2" = 1'-0"



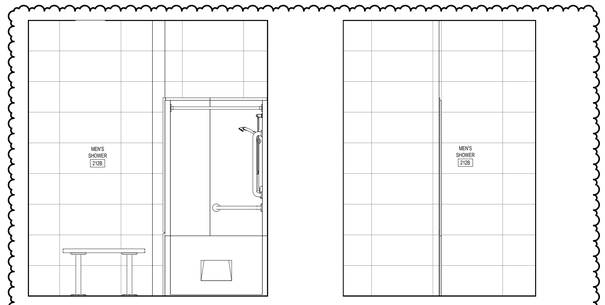
8 Interior Elevation - Break Rm 128
1/2" = 1'-0"



9 Interior Elevation - Women 322
1/2" = 1'-0"

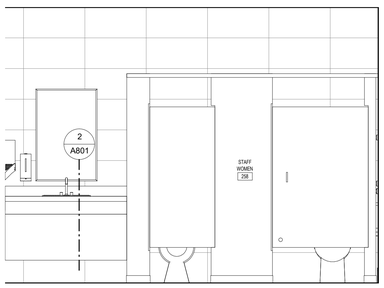


10 Interior Elevation - Men 323
1/2" = 1'-0"

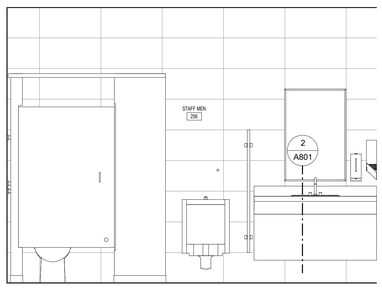


11 INTERIOR ELEVATION - MEN'S SHOWER 212B
1/2" = 1'-0"

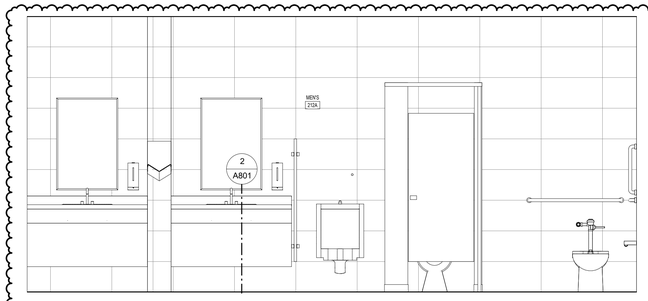
12 INTERIOR ELEVATION - MEN'S SHOWER 212B
1/2" = 1'-0"



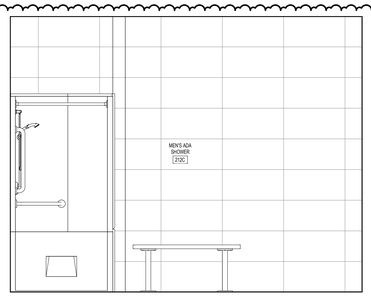
13 Interior Elevation - Staff Women 258
1/2" = 1'-0"



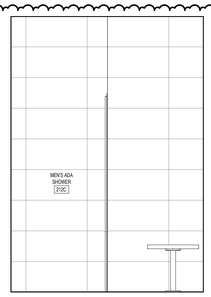
14 Interior Elevation - Staff Men 256
1/2" = 1'-0"



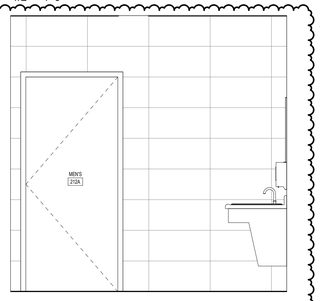
15 INTERIOR ELEVATION - MEN'S 212A
1/2" = 1'-0"



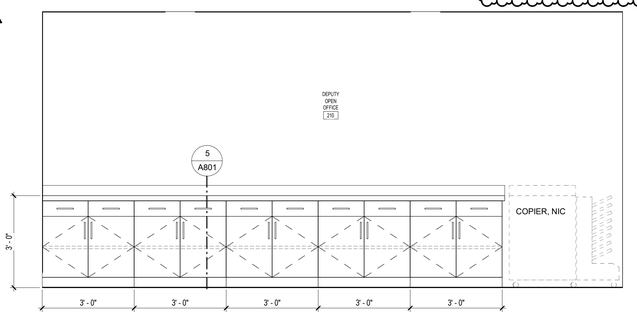
16 INTERIOR ELEVATION - MEN'S ADA SHOWER 212C
1/2" = 1'-0"



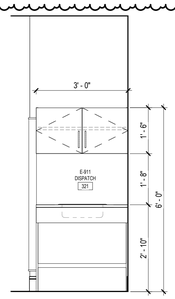
17 INTERIOR ELEVATION - MEN'S ADA SHOWER 212C
1/2" = 1'-0"



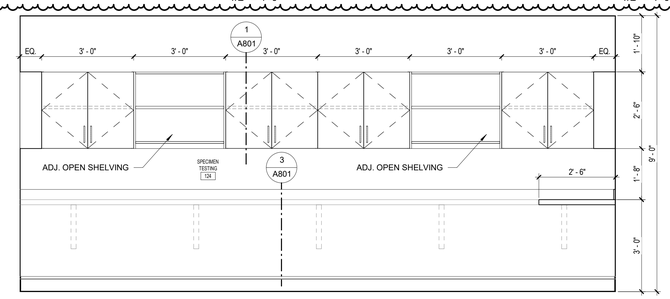
18 INTERIOR ELEVATION - MEN'S 212A
1/2" = 1'-0"



19 Interior Elevation - Deputy Open Office 210
1/2" = 1'-0"



20 Interior Elevation - E911 Dispatch 321
1/2" = 1'-0"



21 Interior Elevation - Specimen Testing 124
1/2" = 1'-0"

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

611 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, modification or publication of these documents by anyone other than LPK Architects P.A. will result in all activities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

REGISTERED ARCHITECT
ROBERT E. LAKE
1921
STATE OF MISSISSIPPI
3-18-19

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

INTERIOR ELEVATIONS

PROJECT NO.: 19-4894B

SHEET ISSUED: 03/18/2021

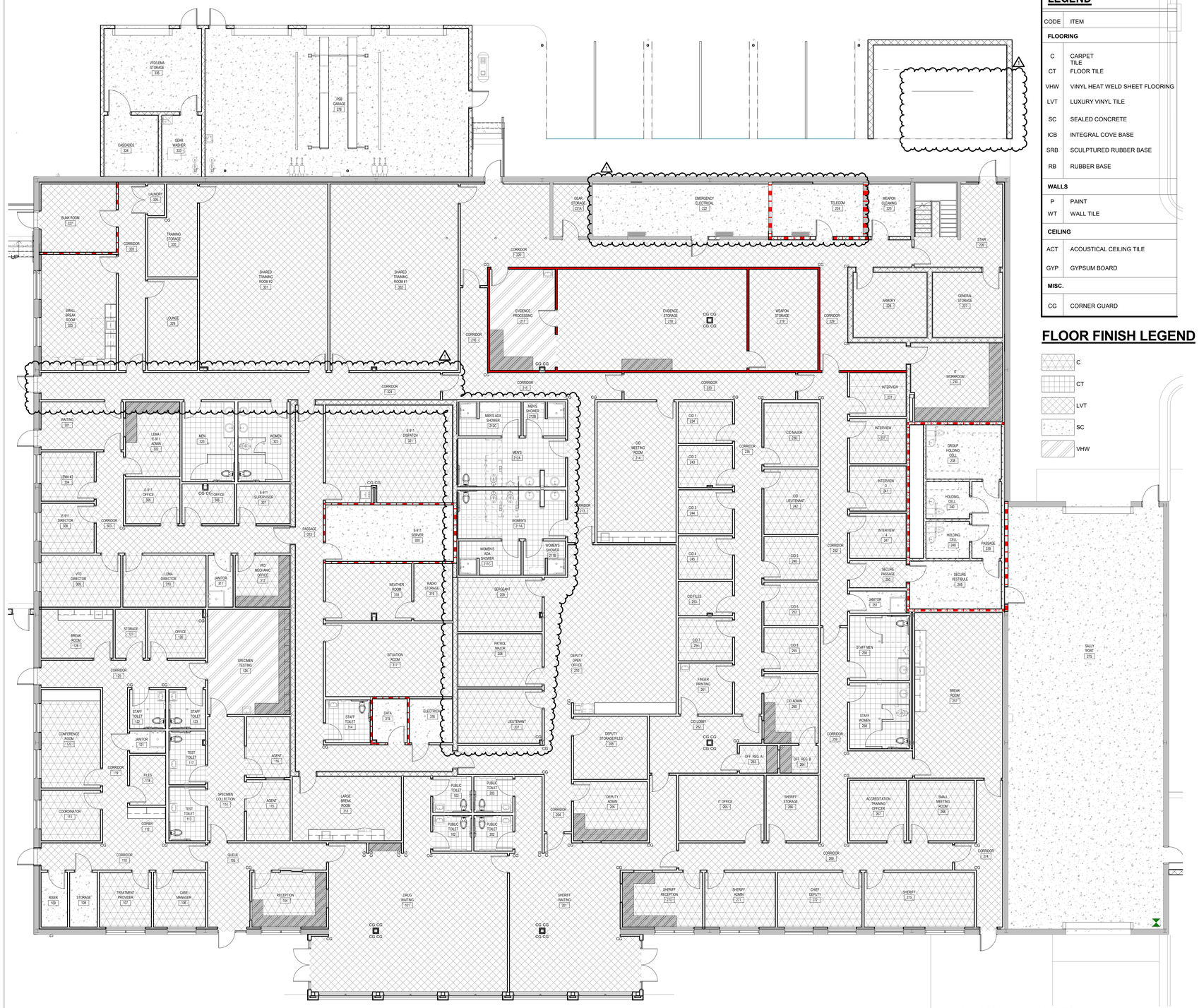
SHEET NO. A701

DRAWN BY: CL

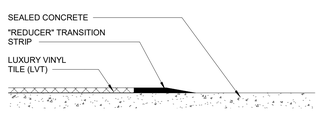
REVIEWED BY: JS

BIM 360://Lauderdale County Government
Documents/Q_Lake_Quentus

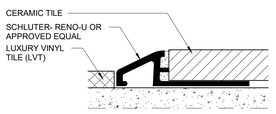
4/27/2021 9:53:09 AM



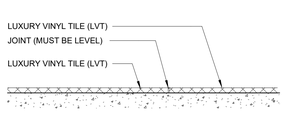
5 FLOOR PLAN
1/8" = 1'-0"



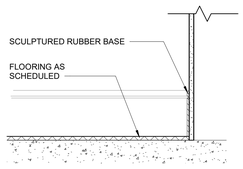
1 FLOOR TRANSITION - LVT/VCT TO CONCRETE
1" = 1'-0"



2 FLOOR TRANSITION - LVT/VCT TO CERAMIC TILE
1" = 1'-0"



3 FLOOR TRANSITION - LVT TO LVT/VCT
1" = 1'-0"



4 SCUPLTURED RUBBER BASE
1 1/2" = 1'-0"

LEGEND

CODE	ITEM
FLOORING	
C	CARPET TILE
CT	FLOOR TILE
VHW	VINYL HEAT WELD SHEET FLOORING
LVT	LUXURY VINYL TILE
SC	SEALED CONCRETE
ICB	INTEGRAL COVE BASE
SRB	SCULPTURED RUBBER BASE
RB	RUBBER BASE
WALLS	
P	PAINT
WT	WALL TILE
CEILING	
ACT	ACOUSTICAL CEILING TILE
GYP	GYPSUM BOARD
MISC.	
CG	CORNER GUARD

FLOOR FINISH LEGEND

FINISH SCHEDULE NOTES:

1. VERIFY ALL LOCATIONS OF TOILET ACCESSORIES WITH ARCHITECT.
2. SEE REFLECTED CEILING PLAN FOR ALL CEILING HEIGHTS AND LAYOUTS.
3. PROVIDE SOLID BLOCKING FOR ALL ACCESSORIES.
4. ALL GYPSUM BOARD CORNERS SHALL HAVE CORNER GUARDS AS SPECIFIED.
5. ALL NOTATED GYPSUM BOARD SHALL BE PAINTED.
6. ALL AREAS WHERE EXISTING TILE WAS PREVIOUSLY REMOVED SHALL BE LEVELED TO SURROUNDING FLOORS AS REQUIRED TO INSTALL NEW WORK.

GENERAL INTERIOR NOTES

1. ALL FURR DOWNS TO BE PAINTED UNLESS OTHERWISE NOTED
2. ALL HOLLOW METAL PAINT SHALL HAVE SEMI-GLOSS FINISH
3. CONTRACTOR TO PROVIDE APPROPRIATE TRANSITIONS AS REQUIRED
4. PRIOR TO CONSTRUCTION, CONTRACTOR TO SUBMIT ALL SAMPLES TO ARCHITECT FOR REVIEW AND APPROVAL
5. ALL GYPSUM WALL BOARD TO BE PAINTED
6. CONTRACTOR SHALL PROVIDE APPROPRIATE SEAM SEALANT FOR ALL CARPET TRANSITIONS
7. CONTRACTOR SHALL PROVIDE APPROPRIATE GROUT & SEALANT FOR ALL FLOOR & WALL TILE APPLICATIONS.

FINISH SCHEDULE

RM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	CEILING FINISH	WALL FINISH	COMMENTS
101	DRUG WAITING	LVT	SRB	VARIES	P	
102	PUBLIC TOILET	CT	CT	GYP	WT	
103	PUBLIC TOILET	CT	CT	GYP	WT	
104	RECEPTION	C	SRB	ACT	P	
105	QUEUE	LVT	SRB	ACT	P	
106	CASE MANAGER	C	SRB	ACT	P	
107	TREATMENT PROVIDER	C	SRB	ACT	P	
108	STORAGE	SC	RB	ACT	P	
109	RISER	SC	RB	ACT	P	
110	CORRIDOR	LVT	SRB	ACT	P	
111	COORDINATOR	C	SRB	ACT	P	
112	COPIER	LVT	SRB	ACT	P	
113	TEST TOILET	CT	CT	GYP	WT	
114	SPECIMEN COLLECTION	LVT	SRB	ACT	P	
115	AGENT	C	SRB	ACT	P	
116	AGENT	C	SRB	ACT	P	
117	TEST TOILET	CT	CT	GYP	WT	
118	FILES	LVT	SRB	ACT	P	
119	CORRIDOR	LVT	SRB	ACT	P	
120	CONFERENCE ROOM	C	SRB	ACT	P	
121	JANITOR	SC	RB	GYP	P	
122	STAFF TOILET	CT	CT	GYP	WT	
123	STAFF TOILET	CT	CT	GYP	WT	
124	SPECIMEN TESTING	VHW	ICB	GYP	P	
125	CORRIDOR	LVT	SRB	ACT	P	
126	OFFICE	C	SRB	ACT	P	
127	STORAGE	LVT	RB	ACT	P	
128	BREAK ROOM	LVT	SRB	ACT	P	
201	SHERIFF WAITING	LVT	SRB	VARIES	P	
202	PUBLIC TOILET	CT	CT	GYP	WT	
203	PUBLIC TOILET	CT	CT	GYP	WT	
204	CORRIDOR	LVT	SRB	ACT	P	
205	DEPUTY ADMIN	C	SRB	ACT	P	
206	DEPUTY STORAGE/FILES	LVT	SRB	ACT	P	
207	LIEUTENANT	C	SRB	ACT	P	
208	PATROL MAJOR	C	SRB	ACT	P	
209	SERGEANT	C	SRB	ACT	P	
210	DEPUTY OPEN OFFICE	LVT	SRB	ACT	P	
211A	WOMEN'S	CT	CT	ACT	WT	
211B	WOMEN'S SHOWER	CT	CT	GYP	WT	
211C	WOMEN'S ADA SHOWER	CT	CT	GYP	WT	
212A	MEN'S	CT	CT	ACT	WT	
212B	MEN'S SHOWER	CT	CT	GYP	WT	
212C	MEN'S ADA SHOWER	CT	CT	GYP	WT	
213	LARGE BREAK ROOM	LVT	SRB	ACT	P	
214	CID MEETING ROOM	LVT	SRB	ACT	P	
215	CORRIDOR	LVT	SRB	ACT	P	
216	CORRIDOR	LVT	SRB	ACT	P	
217	EVIDENCE PROCESSING	VHW	ICB	ACT	P	
218	EVIDENCE STORAGE	LVT	RB	ACT	P	
219	WEAPON STORAGE	LVT	RB	ACT	P	
220	CORRIDOR	LVT	SRB	ACT	P	
221A	GEAR STORAGE	LVT	RB	ACT	P	
222	EMERGENCY ELECTRICAL	SC	RB	ACT	P	
224	TELECOM	SC	RB	ACT	P	
225	WEAPON CLEANING	SC	RB	ACT	P	
226	STAIR	LVT	RB	EXPOSED	P	PAINTED STRUCTURE. STAIR TO BE CLEANED - NO FINISH
227	GENERAL STORAGE	LVT	RB	ACT	P	
228	ARMORY	LVT	RB	ACT	P	
229	CORRIDOR	LVT	SRB	ACT	P	
230	IT WORKROOM	LVT	SRB	ACT	P	
231	INTERVIEW 1	C	SRB	ACT	P	
232	CORRIDOR	LVT	SRB	ACT	P	
233	CORRIDOR	LVT	SRB	ACT	P	
234	CID 1	C	SRB	ACT	P	
235	CORRIDOR	LVT	SRB	ACT	P	
236	CID MAJOR	C	SRB	ACT	P	
237	INTERVIEW 2	C	SRB	ACT	P	
238	GROUP HOLDING CELL	SC	-	EXPOSED	EPX	
239	PASSAGE	SC	-	EXPOSED	EPX	
240	HOLDING CELL	SC	-	EXPOSED	EPX	
241	INTERVIEW 3	C	SRB	ACT	P	
242	CID LIEUTENANT	C	SRB	ACT	P	
243	CID 2	C	SRB	ACT	P	
244	CID 3	C	SRB	ACT	P	
245	CID 4	C	SRB	ACT	P	
246	CID 5	C	SRB	ACT	P	
247	INTERVIEW 4	C	SRB	ACT	P	
248	HOLDING CELL	SC	-	EXPOSED	EPX	
249	SECURE VESTIBULE	SC	-	EXPOSED	EPX	
250	SECURE PASSAGE	LVT	SRB	ACT	P	
251	JANITOR	SC	RB	ACT	P	
252	CID 6	C	SRB	ACT	P	
253	CID FILES	LVT	SRB	ACT	P	
254	CID 7	C	SRB	ACT	P	
255	CID 8	C	SRB	ACT	P	
256	STAFF MEN	CT	CT	GYP	WT	
257	BREAK ROOM	LVT	SRB	ACT	P	
258	STAFF WOMEN	CT	CT	GYP	WT	
259	CORRIDOR	LVT	SRB	ACT	P	
260	CID ADMIN	C	SRB	ACT	P	
261	FINGER PRINTING	LVT	SRB	ACT	P	
262	CID LOBBY	LVT	SRB	ACT	P	
263	OFF. REG. A	C	SRB	ACT	P	
264	OFF. REG. B	C	SRB	ACT	P	
265	IT OFFICE	LVT	SRB	ACT	P	
266	SHERIFF STORAGE	LVT	SRB	ACT	P	
267	ACCREDITATION TRAINING OFFICER	C	SRB	ACT	P	
268	SMALL MEETING ROOM	C	SRB	ACT	P	
269	CORRIDOR	LVT	SRB	ACT	P	
270	SHERIFF RECEPTION	C	SRB	ACT	P	
271	SHERIFF ADMIN	C	SRB	ACT	P	
272	CHIEF DEPUTY	C	SRB	ACT	P	
273	SHERIFF	C	SRB	ACT	P	
274	CORRIDOR	LVT	SRB	ACT	P	
275	SALLY PORT	SC	-	EXPOSED	P	PAINTED STRUCTURE
276	PSB GARAGE	SC	-	EXPOSED	P	PAINTED STRUCTURE
301	WAITING	LVT	SRB	ACT	P	
302	LEMA / E-911 ADMIN	C	SRB	ACT	P	
303	CORRIDOR	LVT	SRB	ACT	P	
304	LEMA #2	C	SRB	ACT	P	
305	E-911 OFFICE	C	SRB	ACT	P	
306	IT OFFICE	C	SRB	ACT	P	
307	E-911 SUPERVISOR	C	SRB	ACT	P	
308	E-911 DIRECTOR	C	SRB	ACT	P	
309	VFD DIRECTOR	C	SRB	ACT	P	
310	LEMA DIRECTOR	C	SRB	ACT	P	
311	JANITOR	SC	RB	ACT	P	
312	VFD MECHANIC OFFICE	C	SRB	ACT	P	
313	PASSAGE	LVT	SRB	ACT	P	
313	LARGE BREAK ROOM	LVT	SRB	ACT	P	
314	STAFF TOILET	CT	CT	GYP	WT	
315	DATA	SC	RB	ACT	P	
316	ELECTRICAL	SC	RB	ACT	P	
317	SITUATION ROOM	LVT	SRB	ACT	P	
318	WEATHER ROOM	LVT	SRB	ACT	P	
319	RADIO STORAGE	LVT	RB	ACT	P	
320	E-911 SERVER	SC	RB	ACT	P	
321	E-911 DISPATCH	C	SRB	ACT	P	
322	WOMEN	CT	CT	GYP	WT	
323	MEN	CT	CT	GYP	WT	
324	CORRIDOR	LVT	SRB	ACT	P	
325	SMALL BREAK ROOM	LVT	SRB	ACT	P	
326	LAUNDRY	LVT	SRB	ACT	P	
327	BUNK ROOM	LVT	SRB	ACT	P	
328	CORRIDOR	LVT	SRB	ACT	P	
329	LOUNGE	LVT	SRB	ACT	P	
330	TRAINING STORAGE	LVT	RB	ACT	P	
331	SHARED TRAINING ROOM #2	LVT	SRB	ACT	P	
332	SHARED TRAINING ROOM #1	LVT	SRB	ACT	P	
333	GEAR WASHER	SC	-	EXPOSED	P	PAINTED STRUCTURE
334	CASCADES	SC	-	EXPOSED	P	PAINTED STRUCTURE
335	VFD/LEMA STORAGE	SC	-	EXPOSED	P	PAINTED STRUCTURE
M01	MEZZANINE	SC	RB	EXPOSED	P	PAINTED STRUCTURE

LPK architects
LPK ARCHITECTS, P.A.
Robert E. Lake, Architect
611 22ND AVENUE P. O. BOX 650
MERIDIAN, MISSISSIPPI 39302
T: 601.693.1815
F: 601.693.8443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, alteration, or modification of these documents by anyone other than LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.
copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

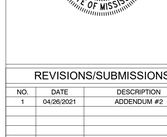
YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL



REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

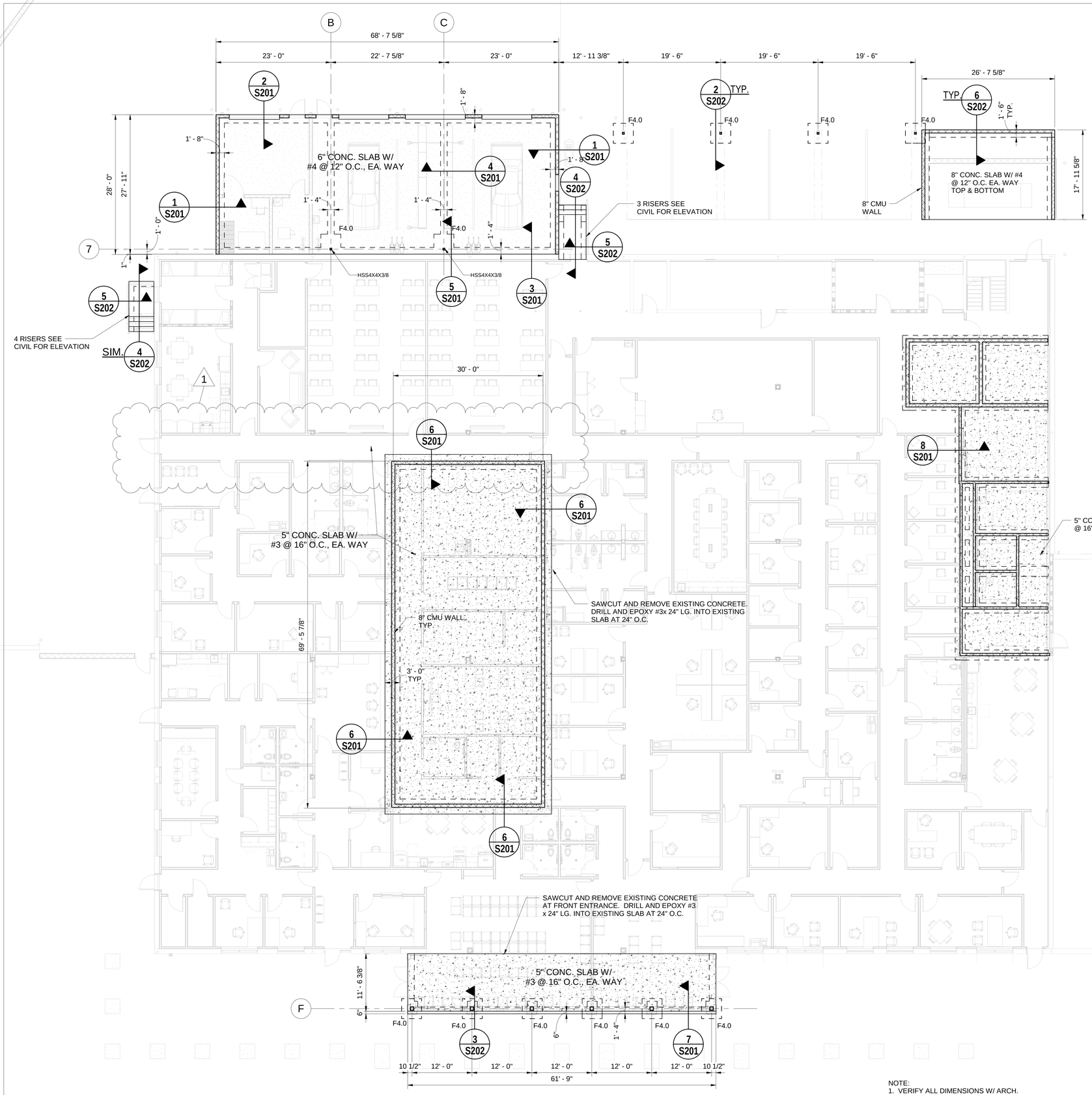
SHEET TITLE

INTERIOR FINISH PLAN

PROJECT NO.: 19-4894B
SHEET ISSUED: 03/18/2021
DRAWN BY: CL
REVIEWED BY: JS
SHEET NO. F101

RM 2600 Buckwalter County Government Complex\Bldg Public Safety\Arch

4/27/2021 9:38:31 AM



FOUNDATION AND FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTE:
1. VERIFY ALL DIMENSIONS W/ ARCH.
2. FOR REPAIRS TO THE SLAB DUE TO UTILITY SAW-CUTS, SEE TYPICAL DETAIL ON S201

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

401 22ND AVENUE P.O. BOX 639
MERIDIAN, MISSISSIPPI 39302
P: 601.693.5111
F: 601.693.9444

These documents are the sole property of LPK Architects, P.A. and are not to reused. Any unauthorized use, alteration or modification of these documents by any party other than LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Sheriff's Department, Drug Testing, LEMA & VFD

PROJECT ADDRESS:

Village Fair Mall Site
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4140

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MCGRAW — LICENSED PROFESSIONAL ENGINEER — 3-19-21 — 17092 — STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4-26-21	ADDENDUM #2

SHEET TITLE

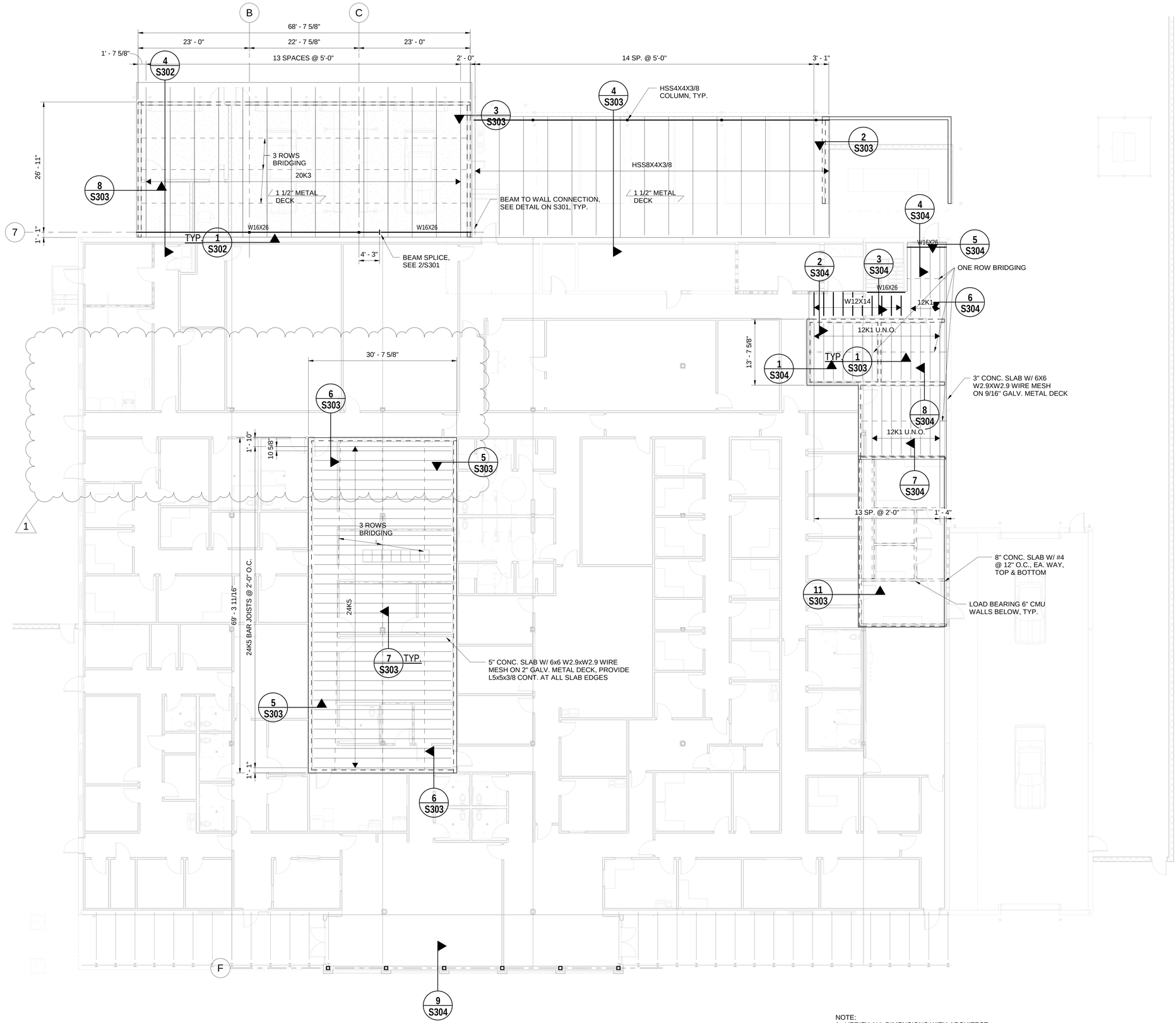
FOUNDATION AND FLOOR FRAMING PLAN

PROJECT NO.:	19-4894E
SHEET ISSUED: 3/18/2021	SHEET NO. S101
DRAWN BY: JB	
REVIEWED BY: KSM	

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

BIM 360://Lauderdale County Government/Detention/Detention_Bldg_Central_Model_v4
4/26/2021 1:16:59 PM



LEMA ROOF, GARAGE ROOF, AND MEZZANINE FRAMING PLANS

1/8" = 1'-0"

NOTE:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. LEMA ROOF DECK SHALL BE 2", NON-COMPOSITE, 18 GUAGE DECK. PROVIDE 5/8" PUDDLE WELDS AT 36/4 PATTERN. 2 #12 TEK SIDELAP SCREWS PER SPAN.

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

401 22ND AVENUE P.O. BOX 639
MERIDIAN, MISSISSIPPI 39302
P: 601.693.6343
F: 601.693.6344

These documents are the sole property of LPK Architects, P.A. and are not to reused. Any unauthorized use, alteration or modification of these documents without the written consent of LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Sheriff's Department, Drug Testing, LEMA & VFD

PROJECT ADDRESS:

Village Fair Mall Site
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4140

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS McGRATH
LICENSED PROFESSIONAL ENGINEER
5-19-21
17092
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4-26-21	ADDENDUM #2

SHEET TITLE

LEMA ROOF, GARAGE ROOF, AND MEZZANINE FRAMING PLANS

PROJECT NO.: 19-4894E

SHEET ISSUED: 3/18/2021

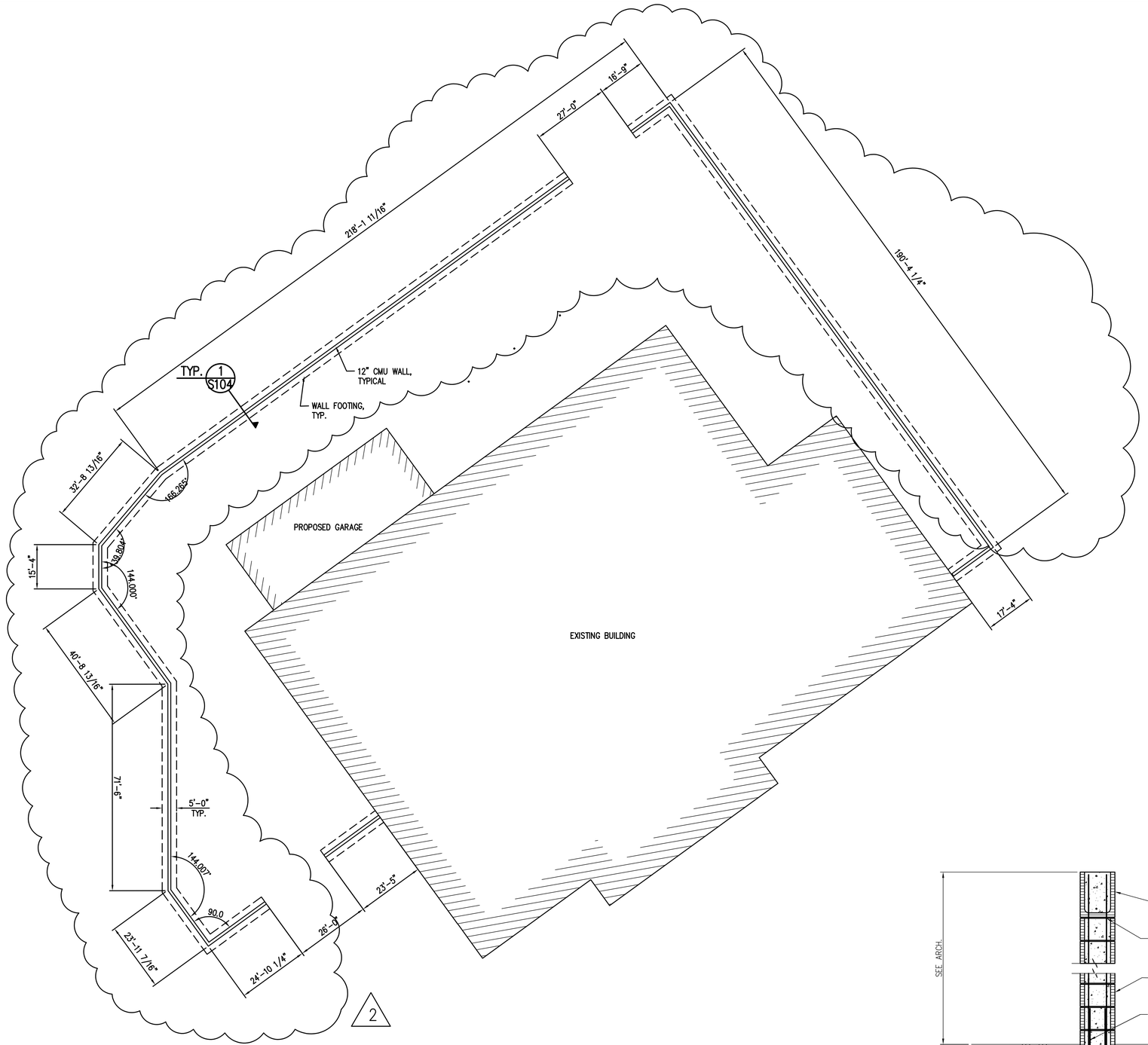
DRAWN BY: JB

REVIEWED BY: KSM

SHEET NO. S102

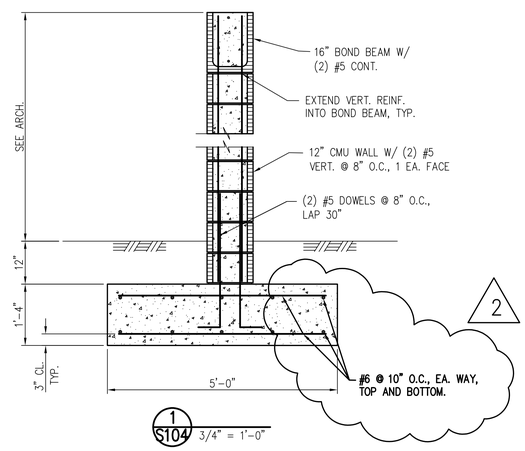
BIM 360://Jackshaw County Government Complex/002 Permit_Bldg_Rev/Sheets_rvt

4/26/2021 1:16:52 PM



SITE WALL PLAN
1/16"=1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. SEE CIVIL FOR ADDITIONAL INFORMATION



1 S104 3/4" = 1'-0"

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

621 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
P: 601.693.3444
F: 601.693.3443

These documents are the sole property of LPK Architects P.A. and are not to reuse. Any unauthorized use, alteration, or modification of these documents by any party other than LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2020 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Sheriff's Department, Drug Testing, LEMA & VFD

PROJECT ADDRESS:

VILLAGE FAIR MALL
612 22ND AVENUE
MERIDIAN, MS 39301

G:\Data Work January 21-2020\2020\Early Site\S00_09-MEN_Sheet01_detached cycles logo high resolution-0992772.jpg

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4169

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MARSH
LICENSED PROFESSIONAL ENGINEER
3-19-21
17092
STATE OF MISSISSIPPI

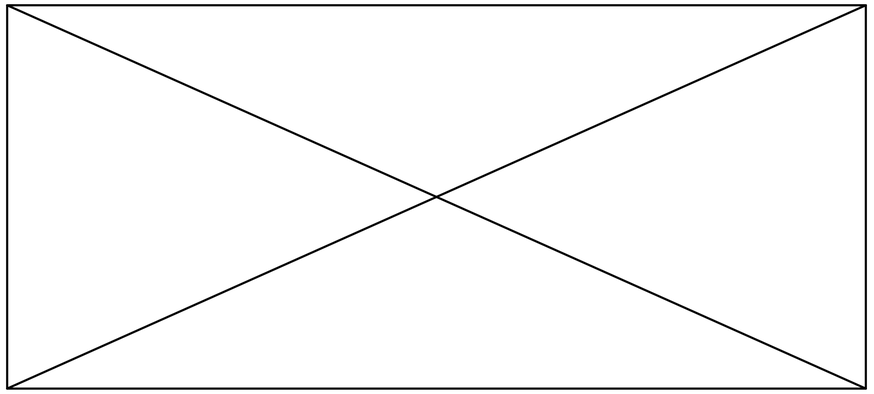
REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4-26-21	ADDENDUM #2

SHEET TITLE

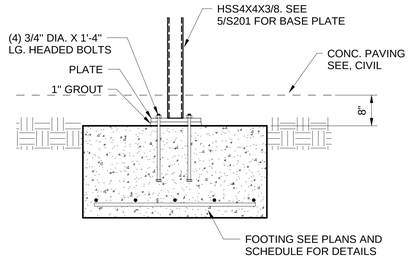
SITE WALL PLAN

PROJECT NO.: 19-4894 D
SHEET ISSUED: 03/18/2021
DRAWN BY: KSM
REVIEWED BY: KSM
SHEET NO. S104

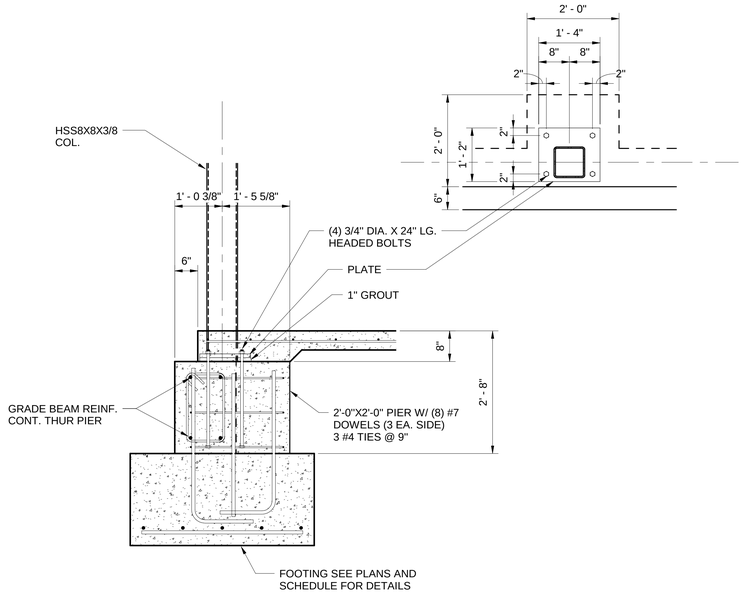


1
S202
NOT USED
3/4" = 1'-0"

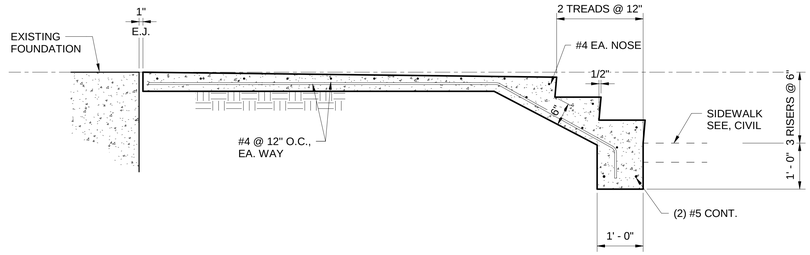
1



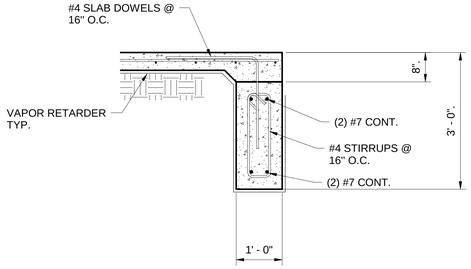
2
S202
3/4" = 1'-0"



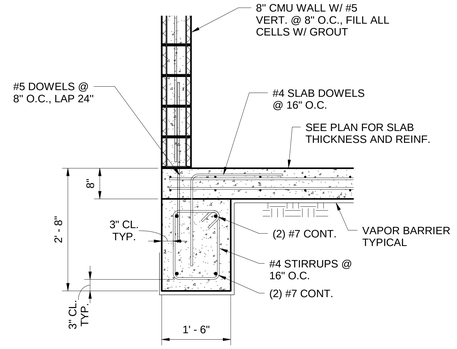
3
S202
3/4" = 1'-0"



4
S202
3/4" = 1'-0"



5
S202
3/4" = 1'-0"



6
S202
3/4" = 1'-0"

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK
architects
LPK ARCHITECTS, P.A.
Robert E. Lake, Architect
823 22ND AVENUE P.O. BOX 639
MERIDIAN, MISSISSIPPI 39302
P: 601.693.5111
F: 601.693.5444

These documents are the sole property of LPK Architects, P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method is prohibited. LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.
copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Sheriff's Department, Drug Testing, LEMA & VFD

PROJECT ADDRESS:

Village Fair Mall Site
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION
W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4140

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS MCGRAW
LICENSED PROFESSIONAL ENGINEER
3-19-21
17092
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4-26-21	ADDENDUM #2

SHEET TITLE

FOUNDATION DETAILS

PROJECT NO.: 19-4894E

SHEET ISSUED: 3/18/2021

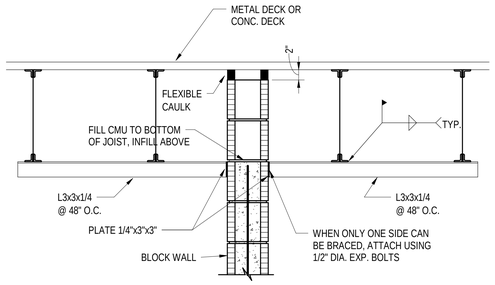
DRAWN BY: JB

REVIEWED BY: KSM

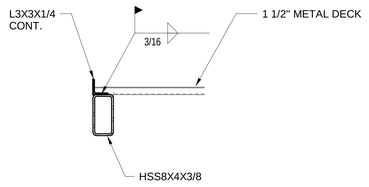
SHEET NO.

S202

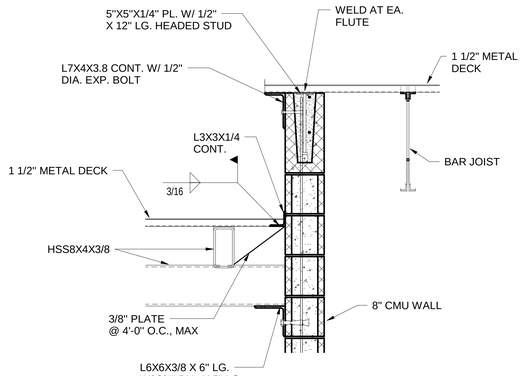
Autodesk Docs://19-4894E_Sheriffs Department, Drug Testing, LEMA & VFD/19-4894E_Sheriffs Department, Drug Testing, LEMA & VFD_Central.rvt
4/26/2021 1:15:53 PM



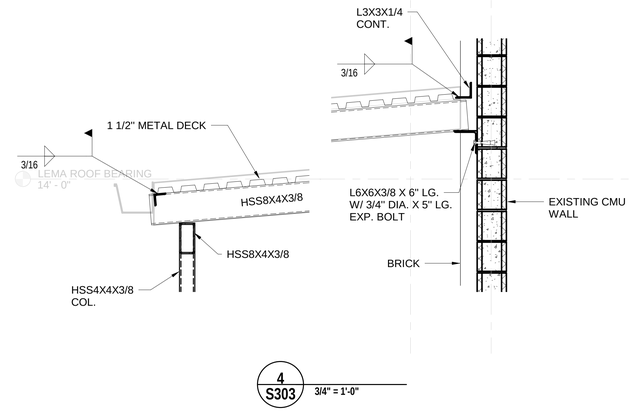
1 S303 TYPICAL WALL SUPPORT 1" = 1'-0"



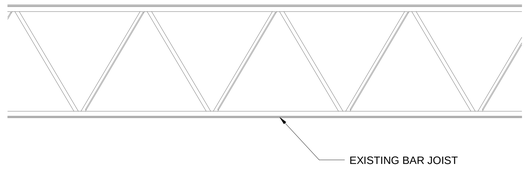
2 S303 1" = 1'-0"

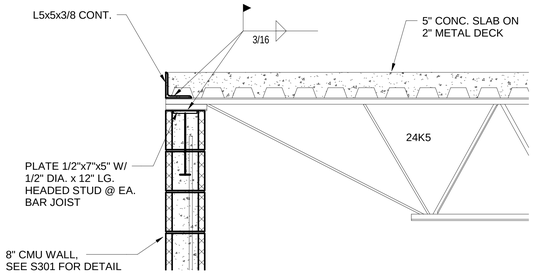


3 S303 1" = 1'-0"



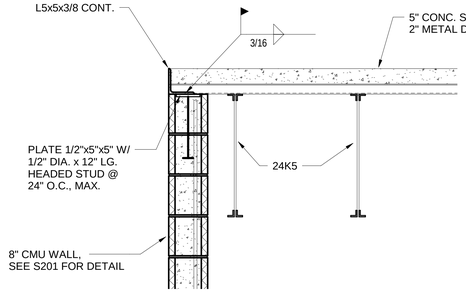
4 S303 3/4" = 1'-0"



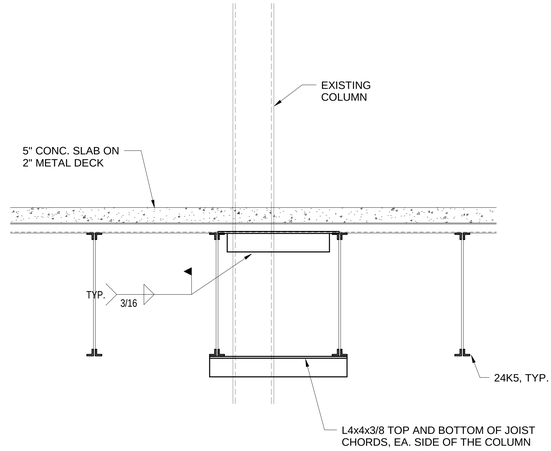


5 S303 1" = 1'-0"

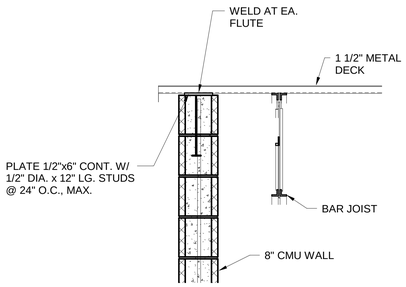




6 S303 1" = 1'-0"



7 S303 1" = 1'-0"

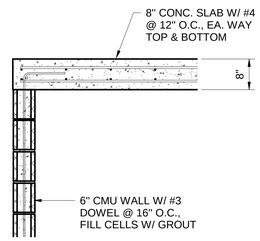


8 S303 1" = 1'-0"

1

9 S303 NOT USED 1" = 1'-0"

10 S303 NOT USED 1" = 1'-0"



11 S303 SIMILAR AT INTERIOR WALLS 3/4" = 1'-0"

SE# 20037

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

825 ZONO AVENUE P.O. BOX 626
MERIDIAN, MISSISSIPPI 39302
P: 601.693.9444
F: 601.693.9449

These documents are the sole property of LPK Architects, P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method, in whole or in part, by anyone, P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Sheriff's Department, Drug Testing, LEMA & VFD

PROJECT ADDRESS:

Village Fair Mall Site
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

W.G. YATES & SONS CONSTRUCTION CO.
ONE GULLY AVENUE
PHILADELPHIA, MS 39350
P: 601-656-5411
F: 601-663-4140

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

KENNETH SIMMONS, MS#17092 REGISTERED PROFESSIONAL ENGINEER 3-19-21 STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	4-26-21	ADDENDUM #2

SHEET TITLE

CMU WALL AND STEEL DETAILS

PROJECT NO.: 19-4894E

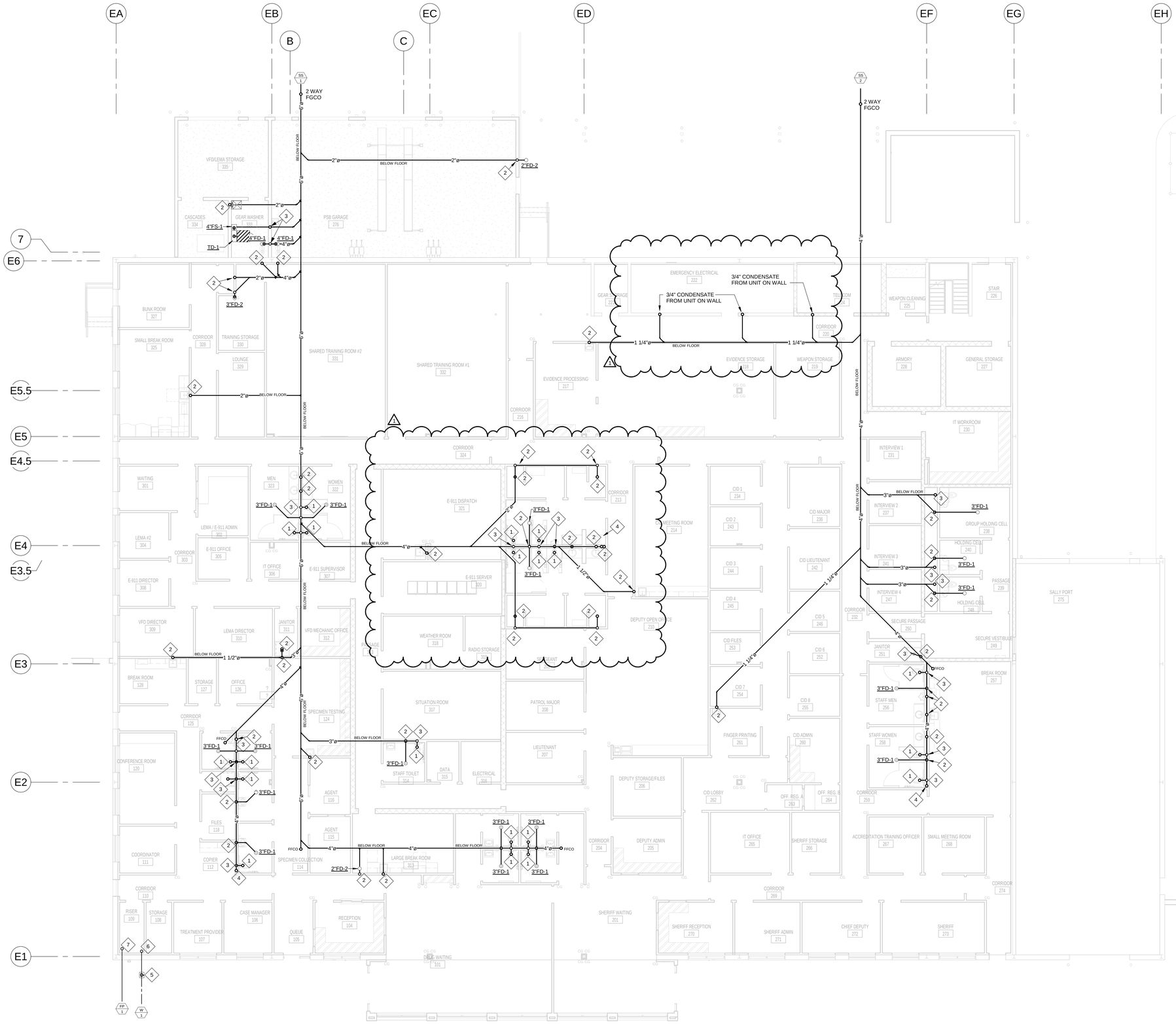
SHEET ISSUED: 3/18/2021

DRAWN BY: JB

REVIEWED BY: KSM

SHEET NO. S303

RM 360 /Lauderdale County Government Department(s)/Client Proj/Bldg_STRUCT.dwg, 4/26/2021 1:16:54 PM



1 P101 **FLOOR PLAN - BELOW FLOOR PLUMBING**

1/8" = 1'-0"

PLAN NOTES: ◇#

1. TOILET WASTE WITH TOILET FLANGE TROUGH FLOOR.
2. WASTE VENT PIPING THROUGH FLOOR.
3. 3" WASTE THROUGH FLOOR.
4. 4" WASTE THROUGH FLOOR.
5. CUT-OFF VALVE IN HEAVY DUTY BOX WITH COVER.
6. 3" COLD WATER UP THROUGH FLOOR IN RISER ROOM.
7. 6" FIRE PROTECTION MAIN THROUGH FLOOR OF RISER ROOM.

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

910 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P. 601.693.8441
F. 601.693.8442

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reuse without the written permission of LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Project Name

PROJECT ADDRESS:

Enter address here

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JASON CHRISTOPHER GOSS — LICENSED PROFESSIONAL ENGINEER — 17087 — 3/18/2021 — STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	Addendum 2

SHEET TITLE

FLOOR PLAN - BELOW FLOOR PLUMBING

20.087

Engineering Resource Group, Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

PROJECT NO.: 19-4894B

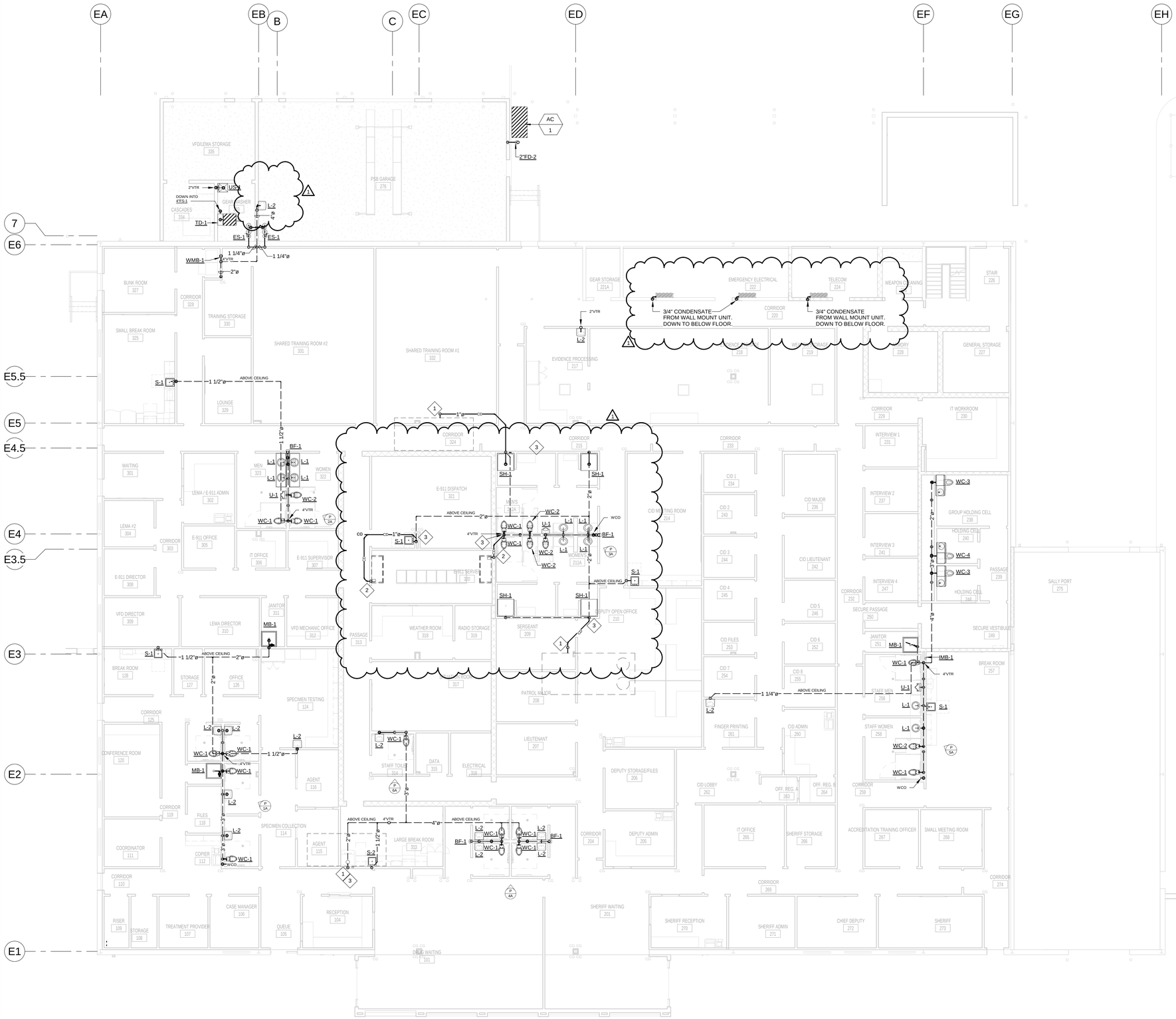
SHEET ISSUED: 3-18-21

DRAWN BY: CMM

REVIEWED BY: JCG

SHEET NO. P101

BIM 360://Lauderdale County Government
Component/01 - Work Areas/_Old Jail/Arch/P101_Plumbing.rvt
4/26/2023 3:48:48 PM



PLAN NOTES:

1. 1" CONDENSATE FROM ROOF TOP UNIT. PIPE DOWN THROUGH ROOF AND ROUTE TO VERTICAL VENT AND CONNECT WITH A DEEP SEAL P-TRAP. INSULATE ALL CONDENSATE WITH 3/4" ARMAFLEX.
2. 1" CONDENSATE FROM DSS UNIT IN ROOM. PIPE DOWN THROUGH ROOF AND ROUTE TO VERTICAL VENT AND CONNECT WITH A DEEP SEAL P-TRAP. INSULATE ALL CONDENSATE WITH 3/4" ARMAFLEX.
3. CONNECT TO VENT PIPING IN THIS AREA WITH DEEP SEAL P-TRAP.

GENERAL NOTES:

1. ALL CONDENSATE TO BE INSULATED WITH 3/4" ARMAFLEX.
2. ALL PENETRATIONS INTO SPACES WITH CLEAN AGENT SYSTEMS SHALL BE SEALED AIR TIGHT.
3. ALL VENTS THROUGH ROOF SHALL BE A MINIMUM OF 10 FT. FROM ANY AIR INTAKE.

1 FLOOR PLAN - PLUMBING SANITARY

1/8" = 1'-0"

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

910 ZONO AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reuse without the written permission of LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Project Name

PROJECT ADDRESS:

Enter address here

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JASON CHRISTOPHER GRIGSBY — LICENSED PROFESSIONAL ENGINEER — 17087 — 3/18/2021 — STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	Addendum 2

SHEET TITLE

FLOOR PLAN - PLUMBING SANITARY

PROJECT NO.: 19-4894B

SHEET ISSUED: 3-18-21

DRAWN BY: CMM

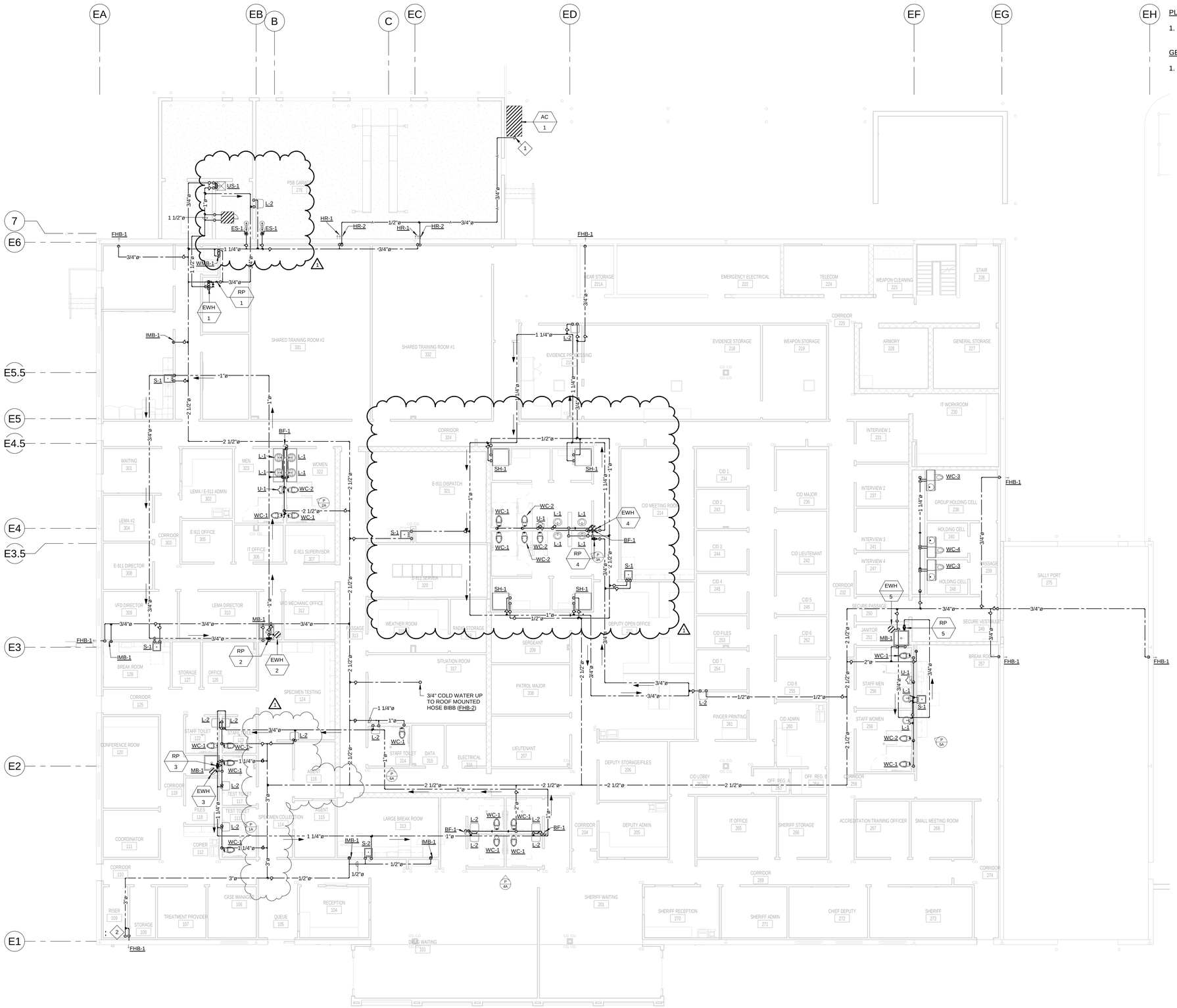
REVIEWED BY: JCG

SHEET NO. P102

20.087

Engineering Resource Group, Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

IBM 5815 (Autodesk Civil/3d Government Components) - Model (Full Model).dgn_Sheet.rvt
4/26/2021 3:49:03 PM



1 P103 **FLOOR PLAN - PLUMBING SUPPLY**
1/8" = 1'-0"

EH

PLAN NOTES:

1. AIR PIPING TO RISE FROM AIR COMPRESSOR. ROUTE HIGH IN STRUCTURE.

GENERAL NOTES:

1. PROVIDE ACCESS PANELS IN AREAS WHERE CUT-OFF VALVES OCCUR ABOVE HARD CEILINGS.

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

910 ZONO AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P. 601.693.8444
F. 601.693.8442

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method without LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Project Name

PROJECT ADDRESS:

Enter address here

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JASON CHRISTOPHER GOLDEN — LICENSED PROFESSIONAL ENGINEER — 17087 — 31307031 — STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	Addendum 2

SHEET TITLE

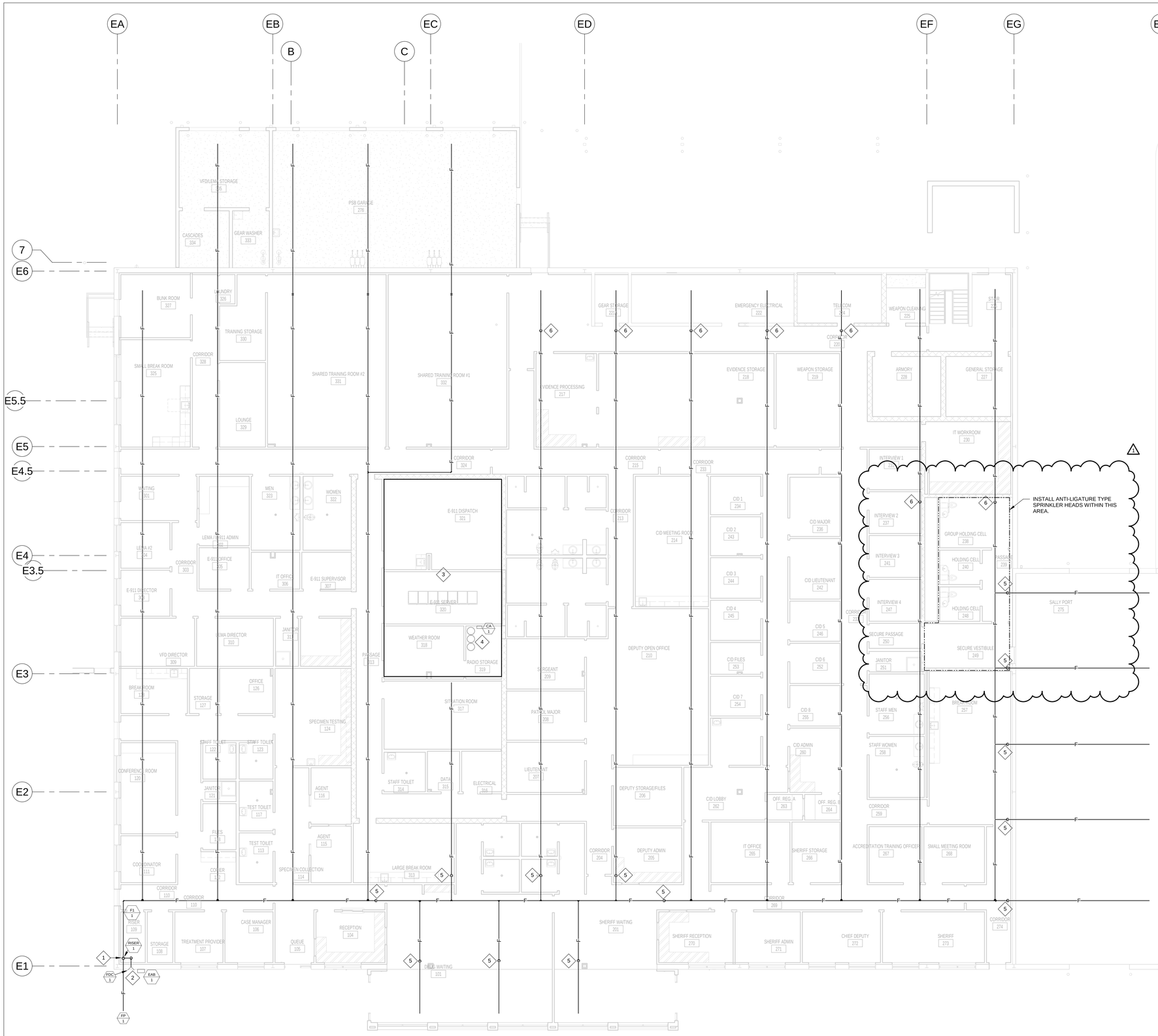
FLOOR PLAN - PLUMBING SUPPLY

20.087
Engineering Resource Group, Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

PROJECT NO.:	19-4894B
SHEET ISSUED:	3-18-21
DRAWN BY:	CMM
REVIEWED BY:	JCG
SHEET NO.	P103

IBM 360.0,Lauderdale County Government
Component=P103 - Floor Mech_Cx_Revised.rvt

4/26/2021 3:49:03 PM



1 FP101 **FLOOR PLAN - FIRE PROTECTION**
1/8" = 1'-0"

PLAN NOTES:

1. 6" FIRE PROTECTION SERVICE WITH BACKFLOW PREVENTER. RISE WITH OS&Y VALVE WITH TAMPER SWITCH AND FLOW CONTROL. CONTINUE TO CALCULATED SPRINKLER SYSTEM.
2. FIRE DEPARTMENT CONNECTION ON BUILDING. VERIFY LOCATION WITH ARCHITECTURAL.
3. INSTALL CLEAN AGENT FIRE SUPPRESSION SYSTEM WITHIN THIS AREA. COORDINATE LOCATION FOR EQUIPMENT WITH ARCHITECT AND OWNER.
4. INSTALL CLEAN AGENT FIRE SUPPRESSION SYSTEM (TANK AND 120 VOLT CONTROL PANEL) IN THIS AREA. COORDINATE LOCATION WITH ARCH. AND ELECTRICAL SERVICE. COORDINATE NOZZLE LOCATIONS WITH ARCHITECT AND OWNER.
5. OFF-SET FIRE SPRINKLER PIPING TO HIGHER CEILING.
6. FIRE SPRINKLER PIPING UP TO MEZZANINE LEVEL

GENERAL NOTE:

A. ALL PENETRATIONS INTO SPACES WITH CLEAN AGENT SYSTEMS SHALL BE SEALED AIR TIGHT.

DRAWING INDEX - FIRE PROTECTION

Sheet Number	Sheet Name
FP101	FLOOR PLAN - FIRE PROTECTION
FP102	FLOOR PLAN - FIRE PROTECTION - ALTERNATE 2
FP103	FLOOR PLAN - FIRE PROTECTION - ALTERNATE 4
FP401	MEZZANINE PLAN AND FIRE PROTECTION DETAILS AND SCHEDULES

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

910 ZONO AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8449

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method without the permission of LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Project Name

PROJECT ADDRESS:

Enter address here

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN CHRISTOPHER GOSS — REGISTERED PROFESSIONAL ENGINEER — 17087 — 3/18/2021 — STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	Addendum 2

SHEET TITLE

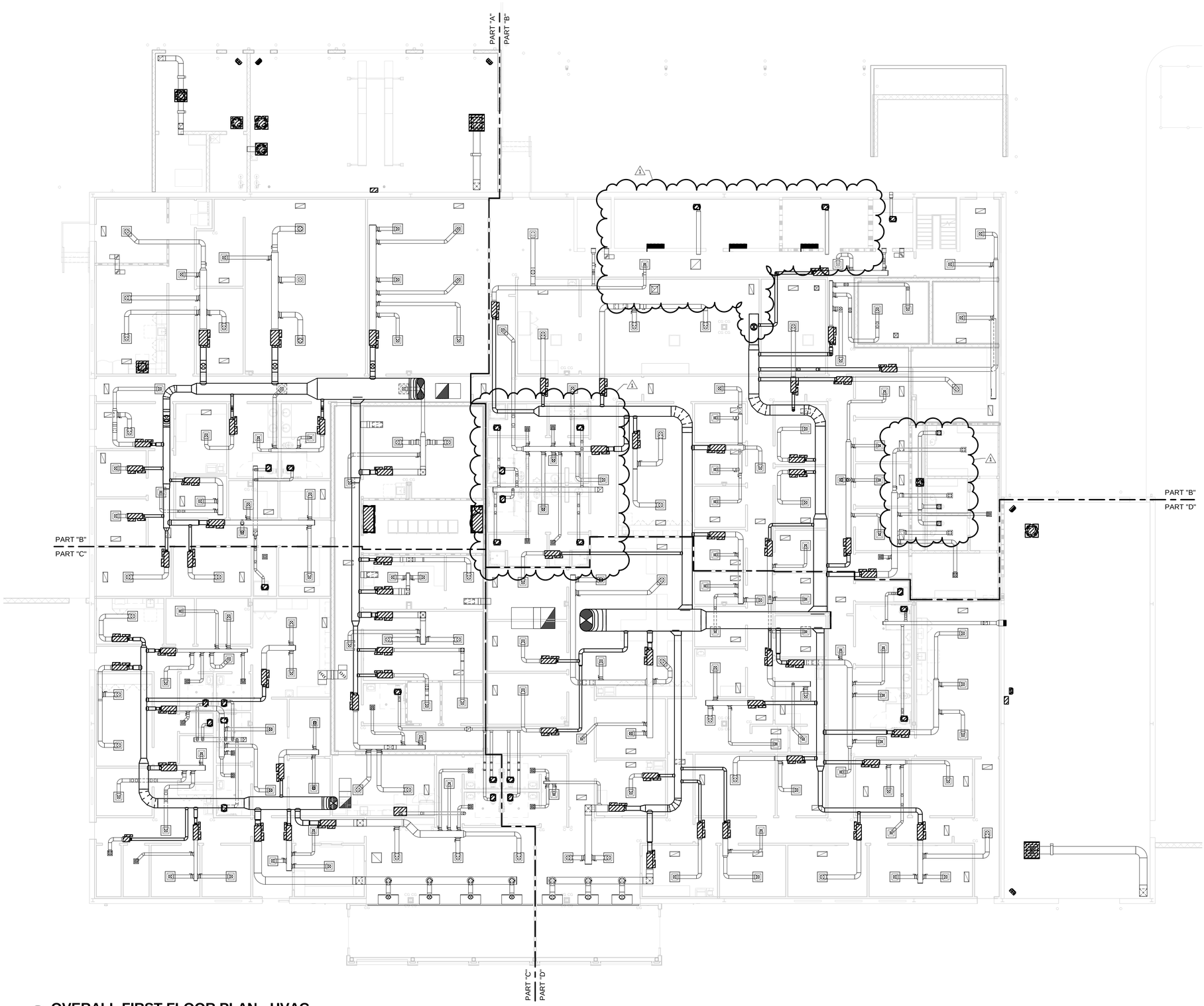
FLOOR PLAN - FIRE PROTECTION

Engineering Resource Group, Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

PROJECT NO.: 19-4894B
SHEET ISSUED: 3-18-21
DRAWN BY: cmm
REVIEWED BY: jcg
SHEET NO. FP101

20.087

BIM 360://Lauderdale County Government
Component/01 - FAR Metro/Bg_Revitalize.rvt
4/26/2021 12:07:54 PM



1 M100 **OVERALL FIRST FLOOR PLAN - HVAC**
1/8" = 1'-0"

LPK
architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

910 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method without LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JASON CHRISTOPHER GROSS
LICENSED PROFESSIONAL
ENGINEER
17087
3/18/2021
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

OVERALL FLOOR PLAN - HVAC

ERG Engineering Resource Group PLLC
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

20.087

PROJECT NO.:	19-4894B
SHEET ISSUED:	03/18/2021
DRAWN BY:	GCC
REVIEWED BY:	JCG
SHEET NO.	M100

BIM 360://Lauderdale County Courthouse/20.087 Public Safety_Detroit
4/26/2021 2:28:34 PM

GENERAL NOTES:

A. CAP OPEN ENDS OF ALL DUCTWORK WITH 1/4" HARD WIRE CLOTH.

8x8" BRICK VENT. BRICK VENT SHALL BE EQUAL TO RUSKIN BV100 OR APPROVED EQUAL. COORDINATE EXACT LOCATION OF BRICK VENT IN FIELD AND WITH ARCHITECT.

PART "A"
PART "B"
PART "D"

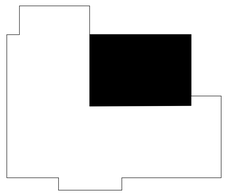
ED
EE
EF
EG
7
E6
E5.5
E5
E4.5
E4
E3.5

PSB GARAGE 276
CORRIDOR 220
GEAR STORAGE 221A
EMERGENCY ELECTRICAL 222
TELECOM 224
STAIR 226
SHARED TRAINING ROOM #1 332
WEAPON CLEANING 225
EVIDENCE PROCESSING 217
EVIDENCE STORAGE 218
WEAPON STORAGE 219
ARMORY 228
GENERAL STORAGE 227
CORRIDOR 216
CORRIDOR 229
CORRIDOR 324
CORRIDOR 215
CORRIDOR 213
CORRIDOR 233
INTERVIEW 1 231
IT WORKROOM 230
INTERVIEW 2 237
INTERVIEW 3 241
INTERVIEW 4 247
GROUP HOLDING CELL 238
PASSAGE 239
HOLDING CELL 240
HOLDING CELL 248
E-911 DISPATCH 321
MEN'S 212A
WOMEN'S 211A
E-911 SERVER 320
CID MEETING ROOM 214
CID 1 234
CID 2 243
CID 3 244
CID 4 245
CID 5 246
CID 6 252
CID FILES 253
CID MAJOR 236
CID LIEUTENANT 242
SECURE PASSAGE 250
SECURE VESTIBULE 249
JANITOR 251
BREAK ROOM 257
DEPUTY OPER. OFFICE 210
RADIO STORAGE 319
SERGEANT 209

12"x12" UP TO RC-4 ON ROOF.
12"x12" EA DUCT UP TO EF-2 ON ROOF.

1 FIRST FLOOR HVAC PLAN - PART "B"
M102 1/4" = 1'-0"

KEY PLAN



LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

601 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method in whole or part without LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN CHRISTOPHER GOSS
REGISTERED PROFESSIONAL
ENGINEER
17087
3/18/2021
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

FIRST FLOOR HVAC PLAN - PART "B"

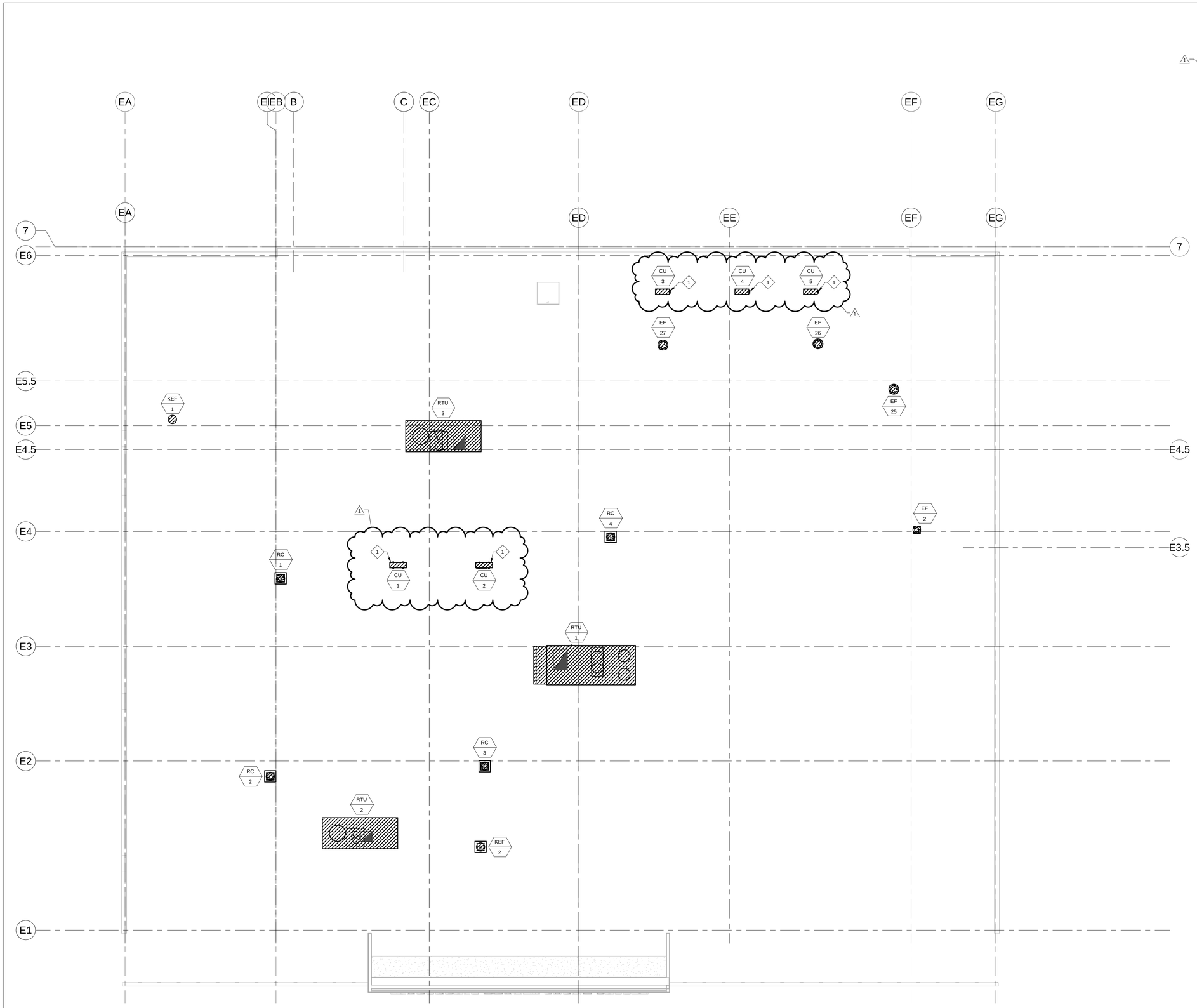
20.087

ERG Engineering Resource Group, Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

PROJECT NO.: 19-4894B
SHEET ISSUED: 03/18/2021
DRAWN BY: GCC
REVIEWED BY: JCG
SHEET NO. M102

BIM 360://Lauderdale County Government
Component/01 HVAC/Building Services

4/20/2021 2:28:47 PM



PLAN NOTES:

1. PROVIDE AND INSTALL ON THYBAR TEMS EQUIPMENT MOUNTING SUPPORTS. HEIGHT TO BE VERIFIED WITH ROOF TO ENSURE CURB HEIGHT IS 8" ABOVE INSULATION.

ROOF PLAN - HVAC

1 / M106 1/8" = 1'-0"

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

910 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8442
F: 601.693.8443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication by any method in whole or in part by LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN CHRISTOPHER GOSS
LICENSED PROFESSIONAL
ENGINEER
17087
3/18/2021
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

ROOF PLAN - HVAC

Engineering Resource Group, Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

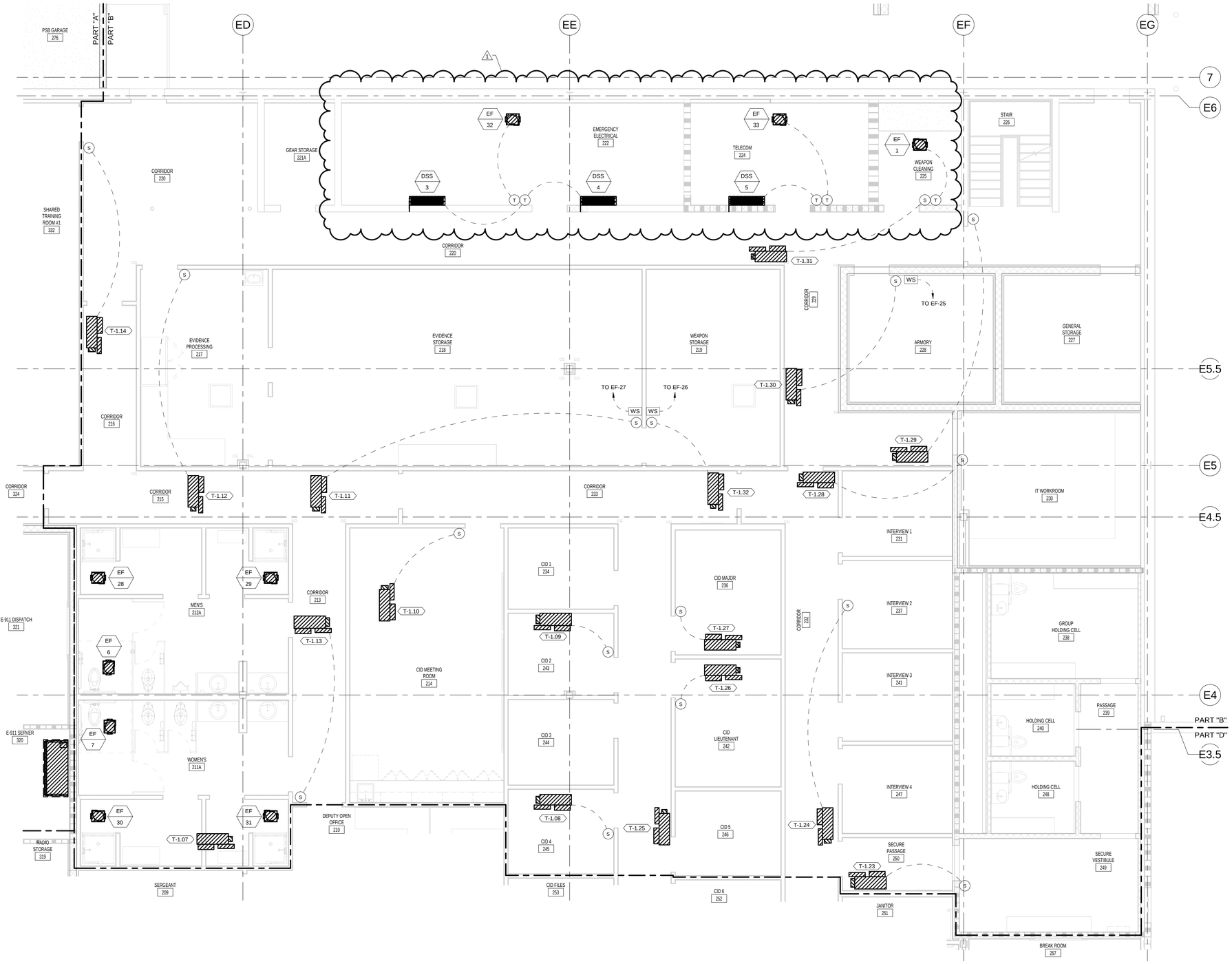
20.087

PROJECT NO.: 19-4894B
SHEET ISSUED: 03/18/2021
DRAWN BY: GCC
REVIEWED BY: JCG
SHEET NO. M106

BIM 360://Lauderdale County Government
Component/19-4894B_Central_Rev4.rvt
4/26/2021 2:32:37 PM

GENERAL NOTES:

A. ALL THERMOSTATS SHALL BE MOUNTED 48" A.F.F. AND LOCATED INLINE WITH LIGHT SWITCHES. COORDINATE EXACT LOCATIONS OF THERMOSTATS IN FIELD.



1 M108 **FIRST FLOOR HVAC THERMOSTAT PLAN - PART "B"**

1/4" = 1'-0"

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

910 22ND AVENUE P. O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601.693.8444
F: 601.693.8447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, alteration, or modification of these documents by anyone other than LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

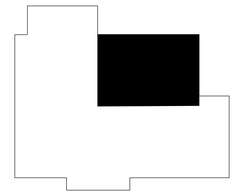
Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN



ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JASON CHRISTOPHER GOOCH
REGISTERED PROFESSIONAL
ENGINEER
17087
4/18/2021
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

FIRST FLOOR HVAC
THERMOSTAT PLAN - PART "B"

20.087

ERG Engineering Resource Group Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

PROJECT NO.:	19-4894B
SHEET ISSUED:	03/18/2021
DRAWN BY:	GCC
REVIEWED BY:	JCG

SHEET NO. M108

BIM 360://Lauderdale County Government
Department of Public Safety/Clutch
4/26/2021 2:28:06 PM

ROOFTOP AIR CONDITIONING UNIT SCHEDULE

TAG	MANUFACTURER & MODEL NO.(TON)	SERVES	REFR TYPE	SUPPLY FAN					COOLING									ELECTRICAL			OPER WT (LBS)	REMARKS
				SUPPLY CFM	OA CFM MIN	OA CFM MAX	ESP (W.G.)	HP	OAT	EDB / EWB	LDB / LWB	CAPACITY (MBH) TOTAL	CAPACITY (MBH) SENS	MIN EER	MIN IEER	COMPRESSOR QTY	COMPRESSOR RLA	COMPRESSOR LRA	CONDENSER QTY	CONDENSER FLA	VOLT/Ø	MCA	MOCP	
RTU 1	JOHNSON CONTROLS JV50C0CK4	SHERIFF'S DEPARTMENT	R-410A	18,000	2,000	2,000	2	15	95.0	77.2 66.6	58.1 56.6	516.9	321.7	10.8	16.0	1@ 2@	32.7 18.6	215.0 142.0	4	3.4 EA	460/3	119.2	150	7000	HAIL GUARDS, HINGED ACCESS PANELS, 14" TALL ROOF CURB, VAV CONTROLLER WITH VFD, ECONOMIZER (DRY BULB) WITH BAROMETRIC RELIEF (LOW-LEAKAGE DAMPER PER ASHRAE 90.1-CURRENT ADDITION), 2" MERV 8 FILTERS, BACNET CARD, POWERED CONVENIENCE OUTLET, DISCONNECT, HEAD PRESSURE CONTROL, FOUR STAGES OF COOLING, FACTORY MOUNTED AIRFLOW MEASURING STATION
RTU 2	JOHNSON CONTROLS AD15C0DK4	DRUG TESTING	R-410A	6,000	600	600	1.5	5.25	95.0	77.0 63.9	56.2 54.7	134.7	124.2	11.0	14.6	1@ 1@	12.0 12.2	94.0 100.0	2	1.0 EA	460/3	43.5	50	2200	HAIL GUARDS, HINGED ACCESS PANELS, 14" TALL ROOF CURB, VAV CONTROLLER WITH VFD, ECONOMIZER (DRY BULB) WITH BAROMETRIC RELIEF (LOW-LEAKAGE DAMPER PER ASHRAE 90.1-CURRENT ADDITION), 2" MERV 8 FILTERS, BACNET CARD, POWERED CONVENIENCE OUTLET, DISCONNECT, HEAD PRESSURE CONTROL, FOUR STAGES OF COOLING, FACTORY MOUNTED AIRFLOW MEASURING STATION
RTU 3	JOHNSON CONTROLS AD25C0DK4	LEMA	R-410A	10,000	1000	1000	2	10	95.0	77.0 66.5	59.0 57.0	205.0	163.8	11	14.2	1@ 2@	19.2 10.6	147.0 75.0	4	1.3 EA	460/3	73.4	90	2600	HAIL GUARDS, HINGED ACCESS PANELS, 14" TALL ROOF CURB, VAV CONTROLLER WITH VFD, ECONOMIZER (DRY BULB) WITH BAROMETRIC RELIEF (LOW-LEAKAGE DAMPER PER ASHRAE 90.1-CURRENT ADDITION), 2" MERV 8 FILTERS, BACNET CARD, POWERED CONVENIENCE OUTLET, DISCONNECT, HEAD PRESSURE CONTROL, FOUR STAGES OF COOLING, FACTORY MOUNTED AIRFLOW MEASURING STATION

VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE

TAG	MANUFACTURER AND MODEL NO	INLET SIZE	DESIGN CFM MAX	DESIGN CFM MIN	TOTAL D P	MAX NC	HEATING COIL CONTROL	HEATING COIL CFM	HEATING COIL EAT	HEATING COIL LAT	HEATING COIL KW	VOLT-Ø	REMARKS
T-1.01	PRICE SDV5	6	200	30	0.04	17	SCR	120	55	90.0	1.3	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.02	PRICE SDV5	6	200	30	0.04	17	SCR	120	55	90.0	1.3	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.03	PRICE SDV5	10	1100	170	0.01	17	SCR	660	55	90.0	7.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.04	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.05	PRICE SDV5	10	900	140	0.01	17	SCR	540	55	90.0	6.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.06	PRICE SDV5	10	730	110	0.01	17	SCR	440	55	90.0	4.9	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.07	PRICE SDV5	6	200	30	0.04	17	SCR	120	55	90.0	1.3	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.08	PRICE SDV5	8	450	70	0.01	17	SCR	270	55	90.0	3.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.09	PRICE SDV5	10	650	100	0.01	17	SCR	390	55	90.0	4.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.10	PRICE SDV5	8	500	80	0.01	17	SCR	300	55	90.0	3.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.11	PRICE SDV5	8	450	450	0.01	17	SCR	450	55	90.0	5.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.12	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.13	PRICE SDV5	10	850	130	0.01	17	SCR	510	55	90.0	5.6	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.14	PRICE SDV5	8	500	80	0.01	17	SCR	300	55	90.0	3.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.15	PRICE SDV5	6	250	40	0.06	17	SCR	150	55	90.0	1.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.16	PRICE SDV5	8	550	90	0.01	17	SCR	330	55	90.0	3.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.17	PRICE SDV5	8	400	60	0.01	17	SCR	240	55	90.0	2.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.18	PRICE SDV5	10	600	90	0.01	17	SCR	360	55	90.0	4.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.19	PRICE SDV5	8	450	70	0.01	17	SCR	270	55	90.0	3.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.20	PRICE SDV5	8	450	70	0.01	17	SCR	270	55	90.0	3.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.21	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.22	PRICE SDV5	10	700	110	0.01	17	SCR	420	55	90.0	4.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.23	PRICE SDV5	10	750	750	0.01	17	SCR	750	55	90.0	8.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.24	PRICE SDV5	8	550	90	0.01	17	SCR	330	55	90.0	3.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.25	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.26	PRICE SDV5	6	150	30	0.02	17	SCR	90	55	90.0	1.0	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.27	PRICE SDV5	6	150	30	0.02	17	SCR	90	55	90.0	1.0	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.28	PRICE SDV5	8	400	60	0.01	17	SCR	240	55	90.0	2.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.29	PRICE SDV5	8	550	90	0.01	17	SCR	330	55	90.0	3.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.30	PRICE SDV5	8	450	70	0.01	17	SCR	270	55	90.0	3.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.31	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.32	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.33	←							NOT USED					→
T-1.34	←							NOT USED					→
T-1.35	←							NOT USED					→
T-1.36	PRICE SDV5	6	200	30	0.04	17	SCR	120	55	90.0	1.3	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.37	PRICE SDV5	6	200	30	0.04	17	SCR	120	55	90.0	1.3	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.38	PRICE SDV5	10	1000	150	0.01	17	SCR	600	55	90.0	6.6	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-1.39	PRICE SDV5	10	1000	150	0.01	17	SCR	600	55	90.0	6.6	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER

AIR DISTRIBUTION DEVICE SCHEDULE

TAG	TYPE	MANUFACTURER & MODEL NO.	NECK SIZE	FACE SIZE	REMARKS
A	CEILING MOUNTED SUPPLY AIR DEVICE	PRICE SPD	SEE PLANS/ SCHEDULE BELOW	SEE PLANS/ SCHEDULE BELOW	24"x24" OR 12"x12" FACE SIZE AS INDICATED ON PLANS. PROVIDE ALL SURFACE MOUNTED GRILLES WITH PLASTER FRAME MOUNT (TITUS TRM). NECK SIZE TO BE AS INDICATED ON PLANS OR CONNECTION SCHEDULE BELOW.
B	CEILING MOUNTED RETURN AIR DEVICE	PRICE 80	SEE PLANS/ SCHEDULE BELOW	SEE PLANS/ SCHEDULE BELOW	24"x24" OR 24"x12" FACE SIZE AS INDICATED ON PLANS. PROVIDE ALL SURFACE MOUNTED GRILLES WITH SCREW HOLES. NECK SIZE TO BE AS INDICATED ON PLANS OR CONNECTION SCHEDULE BELOW.
C	SIDEWALL MOUNTED SUPPLY AIR DEVICE	PRICE 520	SEE PLANS/ SCHEDULE BELOW	SEE PLANS/ SCHEDULE BELOW	FACE SIZE TO BE NECK SIZE PLUS 2". PROVIDE WITH TYPE "A" EXTERNAL SCREW. NECK SIZE TO BE AS INDICATED ON PLANS OR CONNECTION SCHEDULE BELOW. PROVIDE WITH OPPOSED BLADE VOLUME DAMPER.
D	SIDEWALL MOUNTED RETURN AIR DEVICE	PRICE 530	SEE PLANS/ SCHEDULE BELOW	SEE PLANS/ SCHEDULE BELOW	FACE SIZE TO BE NECK SIZE PLUS 2". PROVIDE WITH TYPE "A" EXTERNAL SCREW. NECK SIZE TO BE AS INDICATED ON PLANS OR CONNECTION SCHEDULE BELOW. PROVIDE WITH OPPOSED BLADE VOLUME DAMPER.
E	CEILING MOUNTED EXHAUST AIR DEVICE	PRICE 80	SEE PLANS/ SCHEDULE BELOW	SEE PLANS/ SCHEDULE BELOW	FACE SIZE TO BE NECK SIZE PLUS 2". PROVIDE SURFACE MOUNT WITH TYPE "A" EXTERNAL SCREW. NECK SIZE TO BE AS INDICATED ON PLANS OR CONNECTION SCHEDULE BELOW.
F	DUCT MOUNTED SUPPLY AIR DEVICE	PRICE SDGE	16x6	18x8	PROVIDE WITH TYPE "A" EXTERNAL SCREW. PROVIDE WITH OPPOSED BLADE VOLUME DAMPER.
G	CEILING MOUNTED SUPPLY AIR DEVICE	PRICE MSRRCD	12x12	14x14	PROVIDE ALL SURFACE MOUNTED GRILLES WITH MOUNTING FRAME (PRICE MF1).
H	CEILING MOUNTED EXHAUST AIR DEVICE	PRICE MSRRG	14x14	16x16	PROVIDE ALL SURFACE MOUNTED GRILLES WITH MOUNTING FRAME (PRICE MF1).

NOTES:

1. CEILING DIFFUSERS ARE 4-WAY UNLESS OTHERWISE NOTED BY SHADING ON PLANS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPE AND CONSTRUCTION DETAILS.
3. AIR DEVICE FRAME AND STYLE SHALL MATCH CEILING TYPE. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN.
4. REFER TO ARCHITECT FOR FINISHES AND COLOR OF DEVICES.
5. FACE SIZE TO BE NECK SIZE PLUS 2".

AIR DEVICE CONNECTION SCHEDULE

AIR QUANTITY (CFM)	CEILING MOUNTED NECK SIZE	SIDEWALL MOUNTED NECK SIZE	BRANCH DUCT SIZE ROUND	BRANCH DUCT SIZE ALTERNATE RECTANGULAR DUCT
0-100	6"Ø	8x4"	6"Ø	8x4"
101-200	8"Ø	10x6"	8"Ø	10x6"
201-350	10"Ø	12x8"	10"Ø	12x8"
351-600	12"Ø	14x10"	12"Ø	14x10"
601-850	14"Ø	16x12"	14"Ø	16x12"
851-1200	16"Ø	18x16"	16"Ø	18x16"

KITCHEN EQUIPMENT HOOD SCHEDULE

TAG	MANUFACTURER & MODEL NO.	CONFIGURATION & POSITION	TOTAL NO. OF SECTIONS	DIMENSIONS (OVERALL) LENGTH	DIMENSIONS (OVERALL) WIDTH	DIMENSIONS (OVERALL) HEIGHT	GREASE CUP POSITION	UL TEMP RATING (°F)	TOTAL EXHAUST (CFM)	REMARKS
KH 1	DENLAR D1030-D-RF_(NFPA101)	TOP EXHAUSTED	1	30"	19"	10.5"	LEFT	NA	500	MANUAL PULL STATION KIT, ADA ACCESSIBLE CONTROL BOX, CLOCK BOX W/KEY-LOCK, 60W SHATTER PROOF BULB, AUTO DISCONNECT RANGE ELEMENT KIT
KH 2	DENLAR D1030-D-RF_(NFPA101)	TOP EXHAUSTED	1	30"	19"	10.5"	LEFT	NA	500	MANUAL PULL STATION KIT, ADA ACCESSIBLE CONTROL BOX, CLOCK BOX W/KEY-LOCK, 60W SHATTER PROOF BULB, AUTO DISCONNECT RANGE ELEMENT KIT

VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE (CONT'D)

TAG	MANUFACTURER AND MODEL NO	INLET SIZE	DESIGN CFM MAX	DESIGN CFM MIN	TOTAL D P	MAX NC	HEATING COIL CONTROL	HEATING COIL CFM	HEATING COIL EAT	HEATING COIL LAT	HEATING COIL KW	VOLT-Ø	REMARKS
T-2.01	PRICE SDV5	10	1080	170	0.01	17	SCR	650	55	90.0	7.2	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.02	PRICE SDV5	12	1200	180	0.01	17	SCR	720	55	90.0	8.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.03	PRICE SDV5	8	500	80	0.01	17	SCR	330	55	90.0	3.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.04	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.05	PRICE SDV5	6	350	60	0.11	17	SCR	210	55	90.0	2.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.06	PRICE SDV5	6	200	30	0.04	17	SCR	120	55	90.0	1.3	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.07	PRICE SDV5	10	650	170	0.01	17	SCR	390	55	90.0	4.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.08	PRICE SDV5	6	300	50	0.10	17	SCR	200	55	90.0	2.2	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.09	PRICE SDV5	8	400	60	0.01	17	SCR	240	55	90.0	2.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.10	PRICE SDV5	8	600	90	0.01	17	SCR	360	55	90.0	4.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.11	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-2.12	PRICE SDV5	6	330	50	0.10	17	SCR	200	55	90.0	2.2	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.01	PRICE SDV5	6	150	30	0.02	17	SCR	90	55	90.0	1.0	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.02	PRICE SDV5	6	150	30	0.02	17	SCR	90	55	90.0	1.0	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.03	PRICE SDV5	14	1250	190	0.01	17	SCR	750	55	90.0	8.2	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.04	PRICE SDV5	14	1350	210	0.01	17	SCR	810	55	90.0	9.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.05	PRICE SDV5	12	1200	180	0.01	17	SCR	720	55	90.0	8.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.06	PRICE SDV5	6	350	60	0.11	17	SCR	210	55	90.0	2.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.07	PRICE SDV5	6	200	30	0.04	17	SCR	120	55	90.0	1.3	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.08	PRICE SDV5	6	350	60	0.11	17	SCR	210	55	90.0	2.3	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.09	PRICE SDV5	6	150	30	0.02	17	SCR	90	55	90.0	1.0	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.10	PRICE SDV5	6	250	40	0.06	17	SCR	150	55	90.0	1.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.11	PRICE SDV5	6	150	30	0.02	17	SCR	90	55	90.0	1.0	277-1	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.12	PRICE SDV5	10	700	110	0.01	17	SCR	420	55	90.0	4.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.13	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.14	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.15	PRICE SDV5	10	1000	150	0.01	17	SCR	600	55	90.0	6.6	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.16	PRICE SDV5	8	400	60	0.01	17	SCR	240	55	90.0	2.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.17	PRICE SDV5	10	1000	150	0.01	17	SCR	600	55	90.0	6.6	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.18	PRICE SDV5	10	690	110	0.01	17	SCR	420	55	90.0	4.7	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER
T-3.19	PRICE SDV5	6	300	50	0.08	17	SCR	180	55	90.0	2.0	480-3	SINGLE DUCT WITH ELECTRIC HEATING COIL, DISCONNET, FLOW RING, 24 VAC CONTROL TRANSFORMER, SCR CONTROLLER

DUCTLESS SPLIT-SYSTEM HEAT PUMP - INDOOR UNIT SCHEDULE

TAG	MANUFACTURER & MODEL NO	TYPE	COOLING (MBH)	HEATING (MBH)	ELECTRICAL VOLT/PH	ELECTRICAL MCA	ELECTRICAL MOCP	OPER WT (LBS)	REMARKS
DSS 1	LG ARNU363V2A4	CEILING SUSPENDED	36.2	40.6	208-230/1	1.21	15	150	WALL MOUNTED REMOTE CONTROLLER (LG MS8650), INDOOR UNIT REQUIRES SEPARATE POWER CONNECTION
DSS 2	LG ARNU363V2A4	CEILING SUSPENDED	36.2	40.6	208-230/1	1.21	15	150	WALL MOUNTED REMOTE CONTROLLER (LG MS8650), INDOOR UNIT REQUIRES SEPARATE POWER CONNECTION
DSS 3	LG LAN240HYV3	CEILING SUSPENDED	22.0	26.0	208-230/1	---	---	40	WALL MOUNTED REMOTE CONTROLLER (LG MS8650), INDOOR UNIT POWERED FROM OUTDOOR UNIT
DSS 4	LG LAN240HYV3	CEILING SUSPENDED	22.0	26.0	208-230/1	---	---	40	WALL MOUNTED REMOTE CONTROLLER (LG MS8650), INDOOR UNIT POWERED FROM OUTDOOR UNIT
DSS 5	LG LAN240HYV3	CEILING SUSPENDED	22.0	26.0	208-230/1	---	---	40	WALL MOUNTED REMOTE CONTROLLER (LG MS8650), INDOOR UNIT POWERED FROM OUTDOOR UNIT

DUCTLESS SPLIT-SYSTEM HEAT PUMP - OUTDOOR UNIT SCHEDULE

TAG	MANUFACTURER & MODEL NO	NOM TONS	REFR TYPE	OAT COOL	OAT HEAT	CAPACITY (MBH) COOLING	CAPACITY (MBH) HEATING	ELECTRICAL MCA	ELECTRICAL MOCP	ELECTRICAL VOLT/PH	SEER	HSPF	OPER WT (LBS)	REMARKS
CU 1	LG ARUN038GSS4	3.0	410A	95.0	47.0	38.0	42.0	25	40	208-230/1	17.0	9.0	250	INVERTER COMPRESSOR, LOW AMBIENT KIT TO ALLOW COOLING DOWN TO 0 DEG F
CU 2	LG ARUN038GSS4	3.0	410A	95.0	47.0	38.0	42.0	25	40	208-230/1	17.0	9.0	250	INVERTER COMPRESSOR, LOW AMBIENT KIT TO ALLOW COOLING DOWN TO 0 DEG F
CU 3	LG LAU240HYV3	2.0	410A	95.0	47.0	22.0	26.0	19	30	208-230/1	22.5	12.5	150	INVERTER COMPRESSOR, LOW AMBIENT KIT TO ALLOW COOLING DOWN TO 0 DEG F
CU 4	LG LAU240HYV3	2.0	410A	95.0	47.0	22.0	26.0	19	30	208-230/1	22.5	12.5	150	INVERTER COMPRESSOR, LOW AMBIENT KIT TO ALLOW COOLING DOWN TO 0 DEG F
CU 5	LG LAU240HYV3	2.0	410A	95.0	47.0	22.0	26.0	19	30	208-230/1	22.5	12.5	150	INVERTER COMPRESSOR, LOW AMBIENT KIT TO ALLOW COOLING D

POWER VENTILATOR SCHEDULE

TAG	MANUFACTURER AND MODEL NO.	TYPE	CFM	ESP	RPM	SOUND (dBA/SONES)	ELECTRICAL			ON/OFF	INTERLOCK	REMARKS
							BHP	HP	V/Ø			
EF 1	GREENHECK SP-A390-VG	CEILING MOUNTED	150	0.375	1080	3.4	--	23W	115/1	WALL SWITCH	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 2	GREENHECK G-090-VG	ROOF MOUNTED	550	0.375	1543	0.5	--	6.1W	115/1	BMS	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, COMPOSITE WHEEL MATERIAL, ROOF CURB, 24 HOURS / SEVEN DAYS A WEEK NORMAL OPERATION
EF 3	GREENHECK SP-110-VG	CEILING MOUNTED	100	0.375	936	2.5	--	8W	115/1	WALL SWITCH	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 4	GREENHECK SP-A390-VG	CEILING MOUNTED	150	0.375	1080	3.4	--	23W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 5	GREENHECK SP-A390-VG	CEILING MOUNTED	150	0.375	1080	3.4	--	23W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 6	GREENHECK SP-A390-VG	CEILING MOUNTED	150	0.375	1080	3.4	--	23W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 7	GREENHECK SP-A390-VG	CEILING MOUNTED	150	0.375	1080	3.4	--	23W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 8	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 9	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 10	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 11	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 12	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 13	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 14	GREENHECK SP-110-VG	CEILING MOUNTED	100	0.375	936	2.5	--	8W	115/1	WALL SWITCH	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 15	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 16	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 17	GREENHECK SP-80-VG	CEILING MOUNTED	50	0.375	786	1.4	--	6W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT
EF 18	GREENHECK SP-110-VG	CEILING MOUNTED	100	0.375	936	2.5	--	8W	115/1	WALL SWITCH	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 19	GREENHECK SP-A390-VG	CEILING MOUNTED	150	0.375	1080	3.4	--	23W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 20	GREENHECK SP-A390-VG	CEILING MOUNTED	150	0.375	1080	3.4	--	23W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 21	GREENHECK G-180-VG	ROOF MOUNTED	2000	0.25	634	6.9	---	0.75	115/1	TSTAT/ GD-1	MD-1	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, COMPOSITE WHEEL MATERIAL, ROOF CURB
EF 22	GREENHECK G-140-VG	ROOF MOUNTED	1300	0.25	860	6.9	---	0.25	115/1	TSTAT/ GD-2	MD-2	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, COMPOSITE WHEEL MATERIAL, ROOF CURB
EF 23	GREENHECK G-095-VG	ROOF MOUNTED	400	0.35	1200	5.6	---	0.05	115/1	TSTAT	MD-3	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, COMPOSITE WHEEL MATERIAL, ROOF CURB
EF 24	GREENHECK G-099-VG	ROOF MOUNTED	500	0.35	1042	6.0	---	0.06	115/1	TSTAT	MD-4	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, COMPOSITE WHEEL MATERIAL, ROOF CURB
EF 25	GREENHECK G-095-VG	ROOF MOUNTED	400	0.35	1200	5.6	---	0.05	115/1	TSTAT	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, COMPOSITE WHEEL MATERIAL, ROOF CURB
EF 26	GREENHECK G-095-VG	ROOF MOUNTED	400	0.35	1200	5.6	---	0.05	115/1	TSTAT	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, COMPOSITE WHEEL MATERIAL, ROOF CURB
EF 27	GREENHECK G-123-VG	ROOF MOUNTED	1000	0.35	1072	7.3	0.12	1/4	115/1	TSTAT	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, COMPOSITE WHEEL MATERIAL, ROOF CURB
EF 28	GREENHECK SP-110-VG	CEILING MOUNTED	100	0.375	936	2.5	--	8W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 29	GREENHECK SP-110-VG	CEILING MOUNTED	100	0.375	936	2.5	--	8W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 30	GREENHECK SP-110-VG	CEILING MOUNTED	100	0.375	936	2.5	--	8W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 31	GREENHECK SP-110-VG	CEILING MOUNTED	100	0.375	936	2.5	--	8W	115/1	MOTION DETECTOR	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 32	GREENHECK SP-A510-VG	CEILING MOUNTED	400	0.25	1035	5.0	--	71W	115/1	TSTAT	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
EF 33	GREENHECK SP-A390-VG	CEILING MOUNTED	200	0.25	971	2.0	--	24W	115/1	TSTAT	NONE	PRE-WIRED DISCONNECT, ECM MOTOR W/DIAL, BACKDRAFT DAMPER, ISOLATOR KIT, WHITE ALUMINUM GRILLE
KEF 1	DENLAR D1030-D-RF	ROOF MOUNTED	500	0.84	---	73 (DBA)	---	4 (AMPS)	115/1	WALL SWITCH	KITCHEN HOOD	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, ROOF CURB
KEF 2	DENLAR D1030-D-RF	ROOF MOUNTED	500	0.84	---	73 (DBA)	---	4 (AMPS)	115/1	WALL SWITCH	KITCHEN HOOD	PRE-WIRED DISCONNECT, ECM MOTOR W/ DIAL, GALVANIZED BIRD SCREEN, ROOF CURB

MOTORIZED DAMPER SCHEDULE

TAG	DAMPER MODEL	ACTUATOR		INTERLOCK	POWER WIRING	CONTROLS & INTERLOCK WIRING	REMARKS
		MODEL	VOLTAGE/PHASE				
MD 1	GREENHECK VCD-43	BELIMO	120/1	EF-21	DIVISION 26	DIVISION 23 BAS	TAMPERPROOF SUPERVISORY SWITCHES TO MONITOR VALVE STATUS. VERIFY/COORDINATE DEDICATED POWER OR SYSTEM POWER REQUIREMENTS. INTERLOCK WITH THERMOSTAT, EF-21 AND GAS DETECTOR SYSTEM. PROVIDE WITH STANDOFF BRACKET.
MD 2	GREENHECK VCD-43	BELIMO	120/1	EF-22	DIVISION 26	DIVISION 23 BAS	TAMPERPROOF SUPERVISORY SWITCHES TO MONITOR VALVE STATUS. VERIFY/COORDINATE DEDICATED POWER OR SYSTEM POWER REQUIREMENTS. INTERLOCK WITH THERMOSTAT, EF-22 AND GAS DETECTOR SYSTEM. PROVIDE WITH STANDOFF BRACKET.
MD 3	GREENHECK VCD-43	BELIMO	120/1	EF-24	DIVISION 26	DIVISION 23 BAS	TAMPERPROOF SUPERVISORY SWITCHES TO MONITOR VALVE STATUS. VERIFY/COORDINATE DEDICATED POWER OR SYSTEM POWER REQUIREMENTS. INTERLOCK WITH THERMOSTAT, EF-21 AND GAS DETECTOR SYSTEM. PROVIDE WITH STANDOFF BRACKET.
MD 4	GREENHECK VCD-43	BELIMO	120/1	EF-24	DIVISION 26	DIVISION 23 BAS	TAMPERPROOF SUPERVISORY SWITCHES TO MONITOR VALVE STATUS. VERIFY/COORDINATE DEDICATED POWER OR SYSTEM POWER REQUIREMENTS. INTERLOCK WITH THERMOSTAT, EF-22 AND GAS DETECTOR SYSTEM. PROVIDE WITH STANDOFF BRACKET.

GAS DETECTOR

TAG	MANUFACTURER	MONITORING		POWER V/PH	INTERLOCK	REMARKS
		TYPE	GAS			
GD 1	HONEYWELL E3POINT	DUAL	CO/NO2	120/1	EF-21/MD-1	MOUNT CO SENSOR 5'0" ABOVE FINISHED FLOOR AND NO2 SENSOR 2'0" BELOW ROOF STRUCTURE ABOVE. PROVIDE WITH 2 DPDT RELAYS. UNIT TO BE STAND ALONE WITH AUDIBLE AND VISUAL ALARMS. INSTALL UNIT AND ALL GAS DETECTORS PER MANUFACTURER'S RECOMMENDATIONS.
GD 2	HONEYWELL E3POINT	DUAL	CO/NO2	120/1	EF-22/MD-2	MOUNT CO SENSOR 5'0" ABOVE FINISHED FLOOR AND NO2 SENSOR 2'0" BELOW ROOF STRUCTURE ABOVE. PROVIDE WITH 2 DPDT RELAYS. UNIT TO BE STAND ALONE WITH AUDIBLE AND VISUAL ALARMS. INSTALL UNIT AND ALL GAS DETECTORS PER MANUFACTURER'S RECOMMENDATIONS.

ELECTRIC UNIT HEATER SCHEDULE

TAG	MANUFACTURER AND MODEL NO.	SERVES	TYPE	ELECTRICAL KW - V - Ø	CAPACITY CFM	REMARKS
EUH 1	MARKEL P3P5105CA1N	VFD/LEMA STORAGE 335	51000 SERIES FAN FORCED WALL HEATER	5- 480 - 3	400	MOUNT 9'FT HIGH WITH WALL MOUNTING BRACKET, IN-BUILT THERMOSTAT AND INTEGRAL DISCONNECT
EUH 2	MARKEL P3P5105CA1N	PSB GARAGE 276	51000 SERIES FAN FORCED WALL HEATER	5- 480 - 3	400	MOUNT 9'FT HIGH WITH WALL MOUNTING BRACKET, IN-BUILT THERMOSTAT AND INTEGRAL DISCONNECT
EUH 3	MARKEL P3P5105CA1N	PSB GARAGE 276	51000 SERIES FAN FORCED WALL HEATER	5- 480 - 3	400	MOUNT 9'FT HIGH WITH WALL MOUNTING BRACKET, IN-BUILT THERMOSTAT AND INTEGRAL DISCONNECT
EUH 4	MARKEL P3P5105CA1N	SALLYPORT 275	51000 SERIES FAN FORCED WALL HEATER	5- 480 - 3	400	MOUNT 9'FT HIGH WITH WALL MOUNTING BRACKET, IN-BUILT THERMOSTAT AND INTEGRAL DISCONNECT
EUH 5	MARKEL P3P5105CA1N	SALLYPORT 275	51000 SERIES FAN FORCED WALL HEATER	5- 480 - 3	400	MOUNT 9'FT HIGH WITH WALL MOUNTING BRACKET, IN-BUILT THERMOSTAT AND INTEGRAL DISCONNECT
EUH 6	MARKEL P3P5105CA1N	SALLYPORT 275	51000 SERIES FAN FORCED WALL HEATER	5- 480 - 3	400	MOUNT 9'FT HIGH WITH WALL MOUNTING BRACKET, IN-BUILT THERMOSTAT AND INTEGRAL DISCONNECT

WALL LOUVER SCHEDULE

TAG	MANUFACTURER & MODEL NO.	FUNCTION	CFM	MIN NET FREE AREA (SQFT)	OVERALL SIZE (L X H)	DEPTH	MAX PD (IN.W.G.)	REMARKS
LV 1	GREENHECK EHH-601	EXHAUST AIR EF-3,4 & 5	400	0.56	14x17	6	0.1	FLUOROPOLYMER FINISH IN COLOR SELECTED BY ARCHITECT, ALUMINUM BIRDSCREEN

ROOF EXHAUST/INTAKE CAP SCHEDULE

TAG	MANUFACTURER AND MODEL NO.	FUNCTION	CAPACITY, CFM	PRESS. DROP, IN W.C.	THROAT VELOCITY, FPM	THROAT SIZE, INCHES	REMARKS
RC 1	GREENHECK GRSR-12	EXHAUST AIR	360	0.03	439	12.25	PROVIDE ROOF CURB TO MATCH ROOF SLOPE, BACKDRAFT DAMPER, ALUMINUM BIRDSCREEN
RC 2	GREENHECK GRSR-10	EXHAUST AIR	250	0.03	439	10.25	PROVIDE ROOF CURB TO MATCH ROOF SLOPE, BACKDRAFT DAMPER, ALUMINUM BIRDSCREEN
RC 3	GREENHECK GRSR-10	EXHAUST AIR	250	0.03	439	10.25	PROVIDE ROOF CURB TO MATCH ROOF SLOPE, BACKDRAFT DAMPER, ALUMINUM BIRDSCREEN
RC 4	GREENHECK GRSR-12	EXHAUST AIR	700	0.09	854	12.25	PROVIDE ROOF CURB TO MATCH ROOF SLOPE, BACKDRAFT DAMPER, ALUMINUM BIRDSCREEN
RC 5	GREENHECK FGR-22x22	INTAKE AIR	2080	0.05	595	22x22	PROVIDE ROOF CURB TO MATCH ROOF SLOPE, BACKDRAFT DAMPER, ALUMINUM BIRDSCREEN
RC 6	GREENHECK FGR-18x18	INTAKE AIR	1300	0.05	578	18x18	PROVIDE ROOF CURB TO MATCH ROOF SLOPE, BACKDRAFT DAMPER, ALUMINUM BIRDSCREEN
RC 7	GREENHECK GRSR-12	EXHAUST AIR	500	0.06	671	12.25	PROVIDE ROOF CURB TO MATCH ROOF SLOPE, BACKDRAFT DAMPER, ALUMINUM BIRDSCREEN

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect

601 22ND AVENUE P.O. BOX 630
MERIDIAN, MISSISSIPPI 39302
P: 601. 693. 8444
F: 601. 693. 8442

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use, reproduction or publication by any method without LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

Lauderdale County
Public Safety Building

PROJECT ADDRESS:

Village Fair Mall Site
612 22nd Avenue
(Winn-Dixie / LabCorp Building)

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JASON CHRISTOPHER GOOD
REGISTERED PROFESSIONAL
ENGINEER
17087
3/18/2021
STATE OF MISSISSIPPI

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

HVAC SCHEDULES

20.087
Engineering Resource Group, Inc.
350 Edgewood Terrace Drive
Jackson, MS 39206
Phone: (601) 362-3552
Fax: (601) 366-6418

PROJECT NO.: 19-4894B
SHEET ISSUED: 03/18/2021
DRAWN BY: GCC
REVIEWED BY: JCG
SHEET NO. M602

BIM 360://Lauderdale County Government Complex/19-4894B-Public Safety/Central

4/29/2021 3:29:29 PM

ELECTRICAL SYMBOLS LEGEND

FIRE DETECTION & ALARM SYSTEM (CONTINUED)

FR	FIRE ALARM SYSTEM CONTROL RELAY MODULE, DUAL RELAY.
F	FIRE ALARM SYSTEM MANUAL PULL STATION, SEMI-FLUSH MOUNT C.L. UP 48" A.F.F. WITHIN 5'-0" OF THE EXIT DOOR WHERE PRESENT.
SA	FIRE ALARM SYSTEM COMBINATION SMOKE/CARBON MONOXIDE UNIT WITH SENSOR & BASE, SURFACE MOUNT ON CEILING UNLESS INDICATED OTHERWISE, LOCATION SHOWN IS APPROXIMATE & REPRESENTATIVE.
H110	FIRE ALARM SYSTEM VISUAL ALARM DEVICE, MOUNT C.L. UP 90" A.F.F. OR 6" BELOW THE FINISHED CEILING WHICHEVER IS LOWER, STROBE CANDELA RATING – MINIMUM 75 WHERE NOT LISTED.
H110	FIRE ALARM SYSTEM AUDIBLE & VISUAL ALARM DEVICE, MOUNT C.L. UP 90" A.F.F. OR 6" BELOW THE FINISHED CEILING WHICHEVER IS LOWER, STROBE CANDELA RATING – MINIMUM 75 WHERE NOT LISTED.
HCLG	FIRE ALARM SYSTEM VISUAL ALARM DEVICE, SEMI-FLUSH CEILING MOUNTED DEVICE, STROBE CANDELA RATING – MINIMUM 75 WHERE NOT LISTED.
	FIRE ALARM SYSTEM AUDIBLE & VISUAL ALARM DEVICE, SEMI-FLUSH CEILING MOUNTED DEVICE, STROBE CANDELA RATING – MINIMUM 75 WHERE NOT LISTED.
FSF	FIRE DETECTION & ALARM SYSTEM MONITORING CONNECTION TO FIRE PROTECTION SYSTEM FLOW SWITCH, LOCATION SHOWN IS APPROXIMATE & REPRESENTATIVE.
OSY	FIRE DETECTION & ALARM SYSTEM MONITORING CONNECTION TO FIRE PROTECTION SYSTEM OS&Y VALVE TAMPER SWITCH, LOCATION SHOWN IS APPROXIMATE & REPRESENTATIVE.
TSF	FIRE DETECTION & ALARM SYSTEM MONITORING CONNECTION TO FIRE PROTECTION SYSTEM TAMPER SWITCH, LOCATION SHOWN IS APPROXIMATE & REPRESENTATIVE.
PIV	FIRE DETECTION & ALARM SYSTEM MONITORING CONNECTION TO FIRE PROTECTION SYSTEM POST INDICATOR VALVE TAMPER SWITCH, LOCATION SHOWN IS APPROXIMATE & REPRESENTATIVE.
(1)–FA–3/4"	FIRE ALARM SYSTEM RACEWAY SYSTEM CONDUIT & CABLING, ROUTE CONCEALED ABOVE CEILING OR IN WALL, NUMBER OF CONDUITS, SIZE OF CONDUIT(S) AS INDICATED OR AS REQUIRED FOR SUPPLIED CABLING, NUMBER & TYPE OF WIRING AS REQUIRED FOR SYSTEM & INSTALLED ENVIRONMENT.
FA–3/4"	FIRE ALARM SYSTEM HOMERUN RACEWAY SYSTEM CONDUIT & CABLING, ROUTE CONCEALED ABOVE CEILING OR IN WALL, NUMBER OF CONDUITS, SIZE OF CONDUIT(S) AS INDICATED OR AS REQUIRED FOR SUPPLIED CABLING, NUMBER & TYPE OF WIRING AS REQUIRED FOR SYSTEM & INSTALLED ENVIRONMENT. ROUTE TO FIRE ALARM SYSTEM CONTROL PANEL UNLESS OTHERWISE INDICATED.

SECURITY/SURVEILLANCE SYSTEMS PROVISIONS

ACS	DOOR ACCESS CONTROL SYSTEM PROVISIONS, SEE DETAIL FOR RACEWAY SYSTEM TO BE PROVIDED AT EACH LOCATION.
ACSHC	DOOR ACCESS CONTROL SYSTEM PROVISIONS WITH HANDICAP OPENER PROVISIONS, SEE DETAIL FOR RACEWAY SYSTEM TO BE PROVIDED AT EACH LOCATION.
	CAMERA OUTLET, SINGLE GANG BOX WITH 3/4" CONDUIT TO ABOVE CORRIDOR ACCESSIBLE CEILING, VERIFY MOUNTING HEIGHT & LOCATION WITH THE PROFESSIONAL PRIOR TO ROUGH–IN.
IC	INTERCOM SYSTEM CALL STATION OUTLET BOX, 4" SQUARE MINIMUM WITH 3/4" CONDUIT TO ABOVE CORRIDOR ACCESSIBLE CEILING, VERIFY MOUNTING HEIGHT & LOCATION WITH THE PROFESSIONAL PRIOR TO ROUGH–IN.
ICM	INTERCOM SYSTEM MASTER STATION OUTLET BOX, 4" SQUARE MINIMUM WITH 3/4" CONDUIT TO ABOVE CORRIDOR ACCESSIBLE CEILING, VERIFY MOUNTING HEIGHT & LOCATION WITH THE PROFESSIONAL PRIOR TO ROUGH–IN.

ABBREVIATIONS

A.A.C.	ADJACENT TO ANY SYMBOL DENOTES DEVICE/OUTLET INSTALLED ABOVE ACCESSIBLE CEILING.
A.F.F.	DENOTES "ABOVE THE FINISHED FLOOR".
A.F.G.	DENOTES "ABOVE THE FINISHED GRADE".
B.F.G.	DENOTES "BELOW THE FINISHED GRADE".
EDF	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS FOR ELECTRIC DRINKING FOUNTAIN, VERIFY MOUNTING HEIGHT & LOCATION FOR CONCEALMENT BEHIND EQUIPMENT.
TV	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS FOR WALL–MOUNTED TELEVISION, VERIFY MOUNTING HEIGHT & LOCATION FOR CONCEALMENT BEHIND EQUIPMENT.
CLG	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS FLUSH IN CEILING, VERIFY LOCATION WITH PROFESSIONAL PRIOR TO ROUGH–IN.
SOF	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS MOUNTED FLUSH IN SOFFIT, VERIFY LOCATION WITH PROFESSIONAL PRIOR TO ROUGH–IN.
SURF	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS SURFACE MOUNTED USING SURFACE METAL RACEWAYS & BOXES, VERIFY ROUTING WITH ARCHITECT PRIOR TO ROUGH–IN.
ROOF	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET/CONNECTION IS ON THE ROOF, VERIFY LOCATION WITH PROFESSIONAL PRIOR TO ROUGH–IN.
TBB	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS TELECOMM. SYSTEM BACKBOARD, VERIFY MOUNTING HEIGHT & LOCATION PRIOR TO ROUGH–IN.
SIGN	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS FOR BUILDING–MOUNTED ILLUMINATED SIGNAGE, VERIFY MOUNTING HEIGHT & LOCATION PRIOR TO ROUGH–IN.
PROJ	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS FOR CEILING–MOUNTED PROJECTOR, VERIFY LOCATION PRIOR TO ROUGH–IN.
LAV	ADJACENT TO ANY OUTLET SYMBOL DENOTES DEVICE/OUTLET IS FOR LAVATORY SENSOR OPERATED FAUCET CONTROLS, MOUNT UNDER CABINET AS DIRECTED BY EQUIPMENT PROVIDER.

GENERAL BRANCH CIRCUIT NOTES: (APPLICABLE TO ALL SHEETS.)

1. LIGHTING & POWER BRANCH CIRCUITS (CONDUITS & CONDUCTORS) ALTHOUGH NOT SHOWN ON THE DRAWINGS SHALL BE PROVIDED & CONNECTED AS REQUIRED FOR PROPER OPERATION OF THE INDICATED LIGHTING LUMINAIRES, LIGHTING CONTROL SYSTEM, DEVICES, ETC..
2. ALL BRANCH CIRCUITS SHALL BE ROUTED IN CONDUIT PER THE SPECIFICATIONS. ALL BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTOR. ALL BRANCH CIRCUITS SHALL HAVE A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR.
3. ALL 120V BRANCH CIRCUITS IN EXCESS OF 50 FEET IN LENGTH SHALL UTILIZE #10 CONDUCTORS FOR PHASE, NEUTRAL & GROUND CONDUCTORS. ALL 277V BRANCH CIRCUITS IN EXCESS OF 100 FEET IN LENGTH SHALL UTILIZE #10 CONDUCTORS FOR PHASE, NEUTRAL & GROUND CONDUCTORS.
4. WALL SWITCH(ES) AND/OR OCCUPANCY SENSOR(S) WHERE INDICATED IN A ROOM/SPACE SHALL BE PROVIDED & CONNECTED TO CONTROL ALL LUMINAIRES IN THAT ROOM/SPACE UNLESS INDICATED OTHERWISE. 3–WAY & 4–WAY SWITCHES SHALL BE PROVIDED & CONNECTED FOR PROPER OPERATION & SHALL CONTROL ALL LUMINAIRES IN THE ASSOCIATED ROOM/SPACE UNLESS OTHERWISE INDICATED.
5. WHERE WALL SWITCHES ARE INDICATED IN THE SAME ROOM/SPACE WITH OCCUPANCY SENSORS, THE WALL SWITCHES SHALL BE CONNECTED BETWEEN THE OCCUPANCY SENSOR & THE LIGHTING LUMINAIRES. SEE APPROPRIATE DETAILS.
6. WHERE EMERGENCY BATTERY PACKS ARE INDICATED OR SPECIFIED THEY SHALL BE PROPERLY CONNECTED PER THE MANUFACTURER'S RECOMMENDATIONS TO A NON–SWITCHED LEG OF THE BRANCH CIRCUIT INDICATED FOR THE ASSOCIATED LIGHTING LUMINAIRE.
7. BRANCH CIRCUIT HOMERUNS & JUNCTION BOXES SHOWN ON THE FLOOR PLAN DRAWINGS ARE FOR INDICATING BRANCH CIRCUITS SHARING A COMMON HOMERUN RACEWAY & FOR GENERAL LOCATION OF THE HOMERUN. THE ACTUAL JUNCTION BOX & HOMERUN ORIGINATION LOCATION SHALL BE FIELD DETERMINED BASE ON THE FINISHES OF THE AREA IN WHICH LOCATED TO INSURE INSTALLATION COMPLIES WITH THE ACCESSIBILITY REQUIREMENTS OF THE NEC.
8. WHERE FLOOR BOXES ARE INDICATED, CONTRACTOR SHALL SAW CUT EXISTING FLOOR SLAB AS REQUIRED TO INSTALL BOXES & ASSOCIATED CONDUITS. REPAIR FLOOR SLAB PER EX'G CONSTRUCTION.

ELECTRICAL SYMBOLS LEGEND

EQUIPMENT POWER CONNECTIONS

XX	EQUIPMENT ELECTRICAL SERVICE CONNECTION MARK, SEE EQUIPMENT ELEC. SERVICE SCHEDULE FOR BRANCH CIRCUIT & CONNECTION REQUIREMENTS, LOCATION SHOWN IS APPROXIMATE & REPRESENTATIVE.
M	BRANCH CIRCUIT & POWER CONNECTION TO ELECTRIC MOTOR, PROVIDE & CONNECT THRU PROPER DISCONNECT SWITCH ADJACENT TO UNIT, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
EF	BRANCH CIRCUIT & POWER CONNECTION TO EXHAUST FAN, INSTALL & CONNECT THRU CONTROL DEVICE & INTEGRAL DISCONNECT SWITCH, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
MD	BRANCH CIRCUIT & POWER CONNECTION TO MOTORIZED DAMPER, PROVIDE & CONNECT THRU 20A1P MMS ADJACENT TO UNIT FOR DISCONNECT SWITCH, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
SD	BRANCH CIRCUIT & POWER CONNECTION TO MOTORIZED SMOKE DAMPER, PROVIDE & CONNECT THRU 20A1P MMS ADJACENT TO UNIT FOR DISCONNECT SWITCH, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
R	BRANCH CIRCUIT & POWER CONNECTION TO RECIRC. PUMP, PROVIDE & CONNECT THRU 20A1P MMS ADJACENT TO UNIT FOR DISCONNECT SWITCH, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
D	BRANCH CIRCUIT & POWER CONNECTION TO MOTORIZED DOOR, PROVIDE & CONNECT THRU 20A1P MMS ADJACENT TO UNIT FOR DISCONNECT SWITCH, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
S	BRANCH CIRCUIT & POWER CONNECTION TO MOTORIZED SCREEN, PROVIDE & CONNECT THRU 20A1P MMS ADJACENT TO UNIT FOR DISCONNECT SWITCH, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
ST	BRANCH CIRCUIT & POWER CONNECTION TO SENSOR OPERATED FLUSH VALVE TRANSFORMER, PROVIDE & CONNECT THRU 20A1P MMS ADJACENT TO UNIT FOR DISCONNECT SWITCH, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
HD	BRANCH CIRCUIT & POWER CONNECTION TO ELECTRIC HAND DRYER, VERIFY LOCATION & MOUNTING HEIGHT WITH EQUIPMENT PROVIDER, CIRCUIT DESIGNATION.
GD	BRANCH CIRCUIT & POWER CONNECTION TO GAS DETECTOR CONTROL PANEL, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.
FP	BRANCH CIRCUITS & FLEXIBLE POWER CONNECTION TO SYSTEMS FURNITURE, 4" SQUARE OUTLET BOX, VERIFY LOCATION & MOUNTING HEIGHT WITH EQUIPMENT PROVIDER, CIRCUIT DESIGNATION.
REEL	BRANCH CIRCUIT & POWER CONNECTION TO CORD REEL ASSEMBLY, VERIFY LOCATION & MOUNTING HEIGHT WITH EQUIPMENT PROVIDER, CIRCUIT DESIGNATION.
FM	BRANCH CIRCUIT & POWER CONNECTION TO FIRE SUPPRESSION SYS. CONTROL PANEL, LOCATION SHOWN IS APPROXIMATE, CIRCUIT DESIGNATION.

ELECTRICAL GEAR

	BRANCH CIRCUIT PANELBOARD, SURFACE MOUNT, 208Y/120 VOLT SYSTEM.
	BRANCH CIRCUIT PANELBOARD, DOUBLE SECTION, SURFACE MOUNT, 208Y/120 VOLT SYSTEM.
	BRANCH CIRCUIT PANELBOARD, SURFACE MOUNT, 480Y/277 VOLT SYSTEM.
	BRANCH CIRCUIT PANELBOARD, DOUBLE SECTION, SURFACE MOUNT, 480Y/277 VOLT SYSTEM.
	POWER OR SMALL DISTRIBUTION PANELBOARD, SURFACE MOUNT, 208Y/120 VOLT SYSTEM.
	POWER OR SMALL DISTRIBUTION PANELBOARD, SURFACE MOUNT, 480Y/277 VOLT SYSTEM.
	DISTRIBUTION PANELBOARD, SURFACE MOUNT, 208Y/120 VOLT SYSTEM.
	DISTRIBUTION PANELBOARD, SURFACE MOUNT, 480Y/277 VOLT SYSTEM.
CB	CIRCUIT BREAKER IN NEMA 1 ENCLOSURE, AMPERE RATING & NUMBER OF POLES AS INDICATED, SURFACE MOUNT C.L. UP 54" A.F.F. UNLESS INDICATED OTHERWISE.
CT	CT CAN, NEMA 3R ENCLOSURE, 36"X36"X12" PER SERVING UTILITY COMPANY SPECS., SURFACE MOUNT ON EXTERIOR WALL PER UTILITY COMPANY SPECS.
T	TRANSFORMER, DRY–TYPE, KVA & VOLTAGE RATINGS AS INDICATED, FLOOR MOUNT ON NEOPRENE PAD UNLESS INDICATED OTHERWISE, FINAL CONNECTIONS USING LFMC.
ATS	AUTOMATIC TRANSFER SWITCH, NEMA 1 ENCLOSURE, AMPERE RATING & NUMBER OF POLES AS INDICATED, SURFACE MOUNT ON WALL.
EG	ENGINE GENERATOR WITH WEATHER HOUSING, SUB–BASE FUEL TANK & CONCRETE PAD, KW/KVA & VOLTAGE RATING AS INDICATED, VERIFY LOCATION, ORIENTATION, ETC. WITH THE PROFESSIONAL PRIOR TO ROUGH–IN.
EAP	ENGINE GENERATOR REMOTE ALARM PANEL, SURFACE MOUNT ON WALL WHERE DIRECTED.
SPD	SURGE PROTECTION DEVICE, NEMA 3R ENCLOSURE, SURFACE MOUNT C.L. UP 54" A.F.F. ADJACENT TO CONNECTED PANELBOARD.
SU	SWITCH, UNFUSED SAFETY DISCONNECT, AMPERE RATING, NUMBER OF POLES, PROPER VOLTAGE RATING FOR BRANCH CIRCUIT, SURFACE MOUNT C.L. UP 54" A.F.F. UNLESS INDICATED OTHERWISE.
SR	SWITCH, UNFUSED SAFETY DISCONNECT, NEMA 3R RATED, AMPERE RATING, NUMBER OF POLES, PROPER VOLTAGE RATING FOR BRANCH CIRCUIT, MOUNT C.L. UP 54" A.F.F. UNLESS INDICATED OTHERWISE.
SF	SWITCH, FUSED SAFETY DISCONNECT, AMPERE RATING, NUMBER OF POLES, PROPER VOLTAGE RATING FOR BRANCH CIRCUIT, MOUNT C.L. UP 54" A.F.F. UNLESS INDICATED OTHERWISE.
SFR	SWITCH, FUSED SAFETY DISCONNECT, NEMA 3R RATED, AMPERE RATING, NUMBER OF POLES, PROPER VOLTAGE RATING FOR BRANCH CIRCUIT, MOUNT C.L. UP 54" A.F.F. UNLESS INDICATED OTHERWISE.

TELECOMM. SYS. RACEWAYS & BOXES

(1)–T–3/4"	TELECOMMUNICATION RACEWAY SYSTEM CONDUIT, ROUTE CONCEALED ABOVE CEILING OR IN WALL, NUMBER OF CONDUITS, SIZE OF CONDUIT(S).
(1)–T–3/4"	TELECOMMUNICATION RACEWAY SYSTEM CONDUIT, ROUTE EXPOSED ON CEILING ONLY, NUMBER OF CONDUITS, SIZE OF CONDUIT(S).
(1)–UT–3/4"	TELECOMMUNICATION RACEWAY SYSTEM CONDUIT, ROUTE CONCEALED IN/UNDER FLOOR SLAB OR BELOW GRADE PER THE SPECS., NUMBER OF CONDUITS, SIZE OF CONDUIT(S).
T –3/4"	TELECOMMUNICATION RACEWAY SYSTEM HOMERUN TO DESIGNATED TELECOMMUNICATION BACKBOARD, ROUTE CONCEALED, NUMBER OF CONDUITS, SIZE OF CONDUIT(S).
T –3/4"	TELECOMMUNICATION RACEWAY SYSTEM HOMERUN TO DESIGNATED TELECOMMUNICATION BACKBOARD, ROUTE EXPOSED ON CEILING ONLY, NUMBER OF CONDUITS, SIZE OF CONDUIT(S).
UT–3/4"	TELECOMMUNICATION RACEWAY SYSTEM HOMERUN TO DESIGNATED TELECOMM. BACKBOARD, ROUTE CONCEALED IN/UNDER FLOOR SLAB OR BELOW GRADE PER THE SPECS., NUMBER OF CONDUITS, SIZE OF CONDUIT(S).
	TELECOMMUNICATION SYSTEM BACKBOARD, SIZE AS NOTED, 3/4" PLYWOOD, LONG DIMENSION VERTICAL, TERMINATE ALL TELECOMMUNICATION SYSTEM HOMERUNS AT THIS POINT AND BUSH.
	TELECOMMUNICATION SYSTEM OUTLET & PLATE, 4" SQUARE BOX WITH PROPER DEPTH 1 GANG RAISED COVER, (1)–3/4" CONDUIT HOMERUN TO NEAREST TELECOMM. ROOM & BUSHED, FLUSH MOUNT C.L. UP 18" A.F.F. OR SAME HEIGHT AS ADJACENT POWER RECEPTACLE UNLESS INDICATED OTHERWISE.
	TELECOMMUNICATION SYSTEM OUTLET & PLATE, 4" SQUARE BOX WITH PROPER DEPTH 1 GANG RAISED COVER, (1)–3/4" CONDUIT STUBBED UP ABOVE THE NEAREST CORRIDOR ACCESSIBLE CEILING & BUSHED, FLUSH MOUNT C.L. UP 18" A.F.F. OR SAME HEIGHT AS ADJACENT POWER RECEPTACLE UNLESS INDICATED OTHERWISE.
	TELECOMMUNICATION SYSTEM OUTLET & PLATE, 4" SQUARE BOX WITH PROPER DEPTH 1 GANG RAISED COVER, (1)–3/4" CONDUIT STUBBED UP ABOVE NEAREST CORRIDOR ACCESSIBLE CEILING & BUSHED, FLUSH MOUNT C.L. UP 4" ABOVE COUNTER/BACKSPLASH OR SAME HEIGHT AS ADJACENT POWER RECEPTACLE UNLESS INDICATED OTHERWISE.
	TELECOMMUNICATION SYSTEM OUTLET & PLATE, 4" SQUARE BOX WITH PROPER DEPTH 1 GANG RAISED COVER, (1)–3/4" CONDUIT STUBBED UP ABOVE NEAREST CORRIDOR ACCESSIBLE CEILING & BUSHED, FLUSH MOUNT IN CASEWORK AS DIRECTED.
MAP	TELECOMMUNICATION SYSTEM OUTLET FOR CEILING MOUNTED WIRELESS ACCESS POINT, HANDY BOX WITH (1)–3/4" CONDUIT STUBBED UP ABOVE THE NEAREST CORRIDOR ACCESSIBLE CEILING & BUSHED, FLUSH MOUNT AT CEILING.
FT	TELECOMMUNICATION SYSTEM OUTLET & PLATE, 4"X4"X4" BOX WITH PROPER DEPTH 2 GANG RAISED COVER, (1)–2" CONDUIT STUBBED UP ABOVE ACCESSIBLE CEILING & BUSHED, FLUSH MOUNT C.L. UP 18" A.F.F. OR SAME HEIGHT AS ADJACENT POWER RECEPTACLE UNLESS INDICATED OTHERWISE.
J	TELECOMM. RACEWAY CONNECTION TO SYSTEMS FURNITURE, 4" SQUARE OUTLET BOX WITH (2)–3/4" CONDUITS STUBBED UP ABOVE CORRIDOR ACCESSIBLE CEILING & BUSHED, VERIFY LOCATION & MOUNTING HEIGHT WITH EQUIPMENT PROVIDER.
CT	TELECOMMUNICATION RACEWAY SYSTEM J–HOOK ASSEMBLIES, THREE 2" DIAMETER HOOKS ON MOUNTING BRACKET UNLESS INDICATED OTHERWISE, MOUNT ASSEMBLIES 5' ON CENTER ABOVE ACCESSIBLE CEILING FOR INDICATED PATH.
	TELECOMMUNICATION RACEWAY SYSTEM CABLE TRAY SYSTEM, 12"W X 4"D BASKET TYPE TRAY, MOUNT ABOVE ACCESSIBLE CEILING FOR INDICATED PATH.

TELECOMM. CABLING SYSTEM

V(1),D(1)	ADJACENT TO TELECOMMUNICATION SYSTEM OUTLET SYMBOL INDICATES SYSTEM JACK(S) TO BE PROVIDED AT THE OUTLET; V = VOICE, D = DATA, (*) ADJACENT TO EACH SYSTEM DESIGNATION INDICATES NUMBER OF JACKS & ASSOCIATED CABLING.
TV(1)	ADJACENT TO TELECOMMUNICATION SYSTEM OUTLET SYMBOL INDICATES SYSTEM RECEPTACLE(S) TO BE PROVIDED AT THE OUTLET; TV = TELEVISION, (*) INDICATES NUMBER OF CONNECTORS & ASSOCIATED CABLING.
	TELECOMMUNICATION SYSTEM TERMINATION RACK WITH CABLE MANAGEMENT & LADDER RACK, 19"X84". FREE–STANDING UNLESS INDICATED OTHERWISE, SEE SPECIFICATIONS & DETAILS FOR ADDITIONAL REQUIREMENTS & COMPONENTS TO BE PROVIDED.

FIRE DETECTION & ALARM SYSTEM

FAC	FIRE DETECTION & ALARM SYSTEM CONTROL PANEL, MOUNT C.L. UP 54" A.F.F. ROUTE ALL FIRE ALARM SYSTEM HOMERUNS TO THIS POINT.
FAR	FIRE DETECTION & ALARM SYSTEM REMOTE ANNUNCIATOR, FLUSH MOUNT C.L. UP 54" A.F.F., VERIFY EXACT LOCATION WITH PROFESSIONAL PRIOR TO ROUGH–IN.
S	FIRE ALARM SYSTEM SMOKE DETECTOR UNIT WITH SENSOR & BASE, PHOTOELECTRIC TYPE, SURFACE MOUNT ON CEILING UNLESS NOTED OTHERWISE, LOCATION SHOWN IS APPROXIMATE & REPRESENTATIVE.
T	FIRE ALARM SYSTEM THERMAL DETECTOR UNIT WITH SENSOR & BASE, SURFACE MOUNT ON CEILING UNLESS NOTED OTHERWISE, LOCATION SHOWN IS APPROXIMATE & REPRESENTATIVE.
SS/R	FIRE ALARM SYSTEM SMOKE DETECTORS, PLENUM TYPE WITH DUCT HOUSING & SAMPLING TUBES, PHOTOELECTRIC TYPE, MOUNT DETECTORS FOR MONITORING SUPPLY(S) & RETURN(R) PLENUMS AT AN ACCESSIBLE LOCATION & PER THE MANUFACTURER'S RECOMMENDATION.

ELECTRICAL SYMBOLS LEGEND

RACEWAYS & BOXES

	BRANCH CIRCUIT (CONDUIT AND WIRING) CONCEALED ABOVE CEILING OR IN WALL, NUMBER OF CONDUCTORS, (Y) INDICATES GREEN GROUNDING CONDUCTOR SIZED PER BRANCH CIRCUIT UNLESS OTHERWISE NOTED.
	BRANCH CIRCUIT (CONDUIT AND WIRING) CONCEALED IN/UNDER FLOOR SLAB PER THE SPECIFICATIONS OR BELOW GRADE PER THE SPECIFICATIONS, NUMBER OF CONDUCTORS.
	BRANCH CIRCUIT (CONDUIT AND WIRING) EXPOSED ON CEILING ONLY, NUMBER OF CONDUCTORS.
4–1–2–3	BRANCH CIRCUIT(S) HOMERUN, PANEL & CIRCUIT DESIGNATIONS, ROUTE CONCEALED, NUMBER OF CONDUCTORS, MINIMUM 3/4" CONDUIT UNLESS NOTED OTHERWISE, ALL HOMERUNS GREATER THAN 50 FEET IN LENGTH SHALL USE #10 AWG CONDUCTORS MINIMUM.
8–4–5–6	BRANCH CIRCUIT(S) HOMERUN, PANEL & CIRCUIT DESIGNATIONS, ROUTE EXPOSED, NUMBER OF CONDUCTORS, MINIMUM 3/4" CONDUIT UNLESS NOTED OTHERWISE, ALL HOMERUNS GREATER THAN 50 FEET IN LENGTH SHALL USE #10 AWG CONDUCTORS MINIMUM.
C–7–8–9	BRANCH CIRCUIT(S) HOMERUN, PANEL & CIRCUIT DESIGNATIONS, ROUTE CONCEALED IN/UNDER FLOOR SLAB OR BELOW GRADE PER THE SPECS., NUMBER OF CONDUCTORS, MINIMUM 3/4" CONDUIT UNLESS NOTED OTHERWISE, ALL HOMERUNS GREATER THAN 50 FEET IN LENGTH SHALL USE #10 AWG CONDUCTORS MIN.
J	SURFACE JUNCTION BOX WITH COVER, SIZE & MOUNTING HEIGHT AS INDICATED, MINIMUM BOX SIZE SHALL BE 4" SQUARE.
FJ	FLUSH JUNCTION BOX WITH PLATE, SIZE & MOUNTING HEIGHT AS INDICATED, MINIMUM BOX SIZE SHALL BE 4" SQUARE WITH 1 GANG RAISED COVER.
	BRANCH CIRCUIT HOMERUN JUNCTION BOX, 4" SQUARE MINIMUM, MOUNT ABOVE ACCESSIBLE CEILING WHERE PRESENT, AT OVERHEAD STRUCTURE OR AS NOTED.

SITE UTILITIES

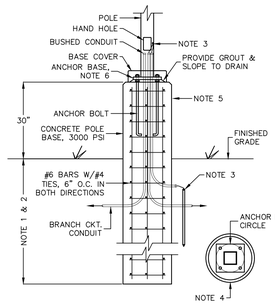
OHP	CONDUCTORS, OVERHEAD, PRIMARY/MED. VOLTAGE, OWNED & MAINTAINED BY THE SERVING UTILITY COMPANY, LOCATION & ROUTING SHOWN ARE APPROXIMATE & REPRESENTATIVE.
UGP	DUCT BANK & CONDUCTORS, UNDERGROUND, PRIMARY/MED. VOLTAGE, DUCT BANK PROVIDED BY CONTRACTOR, CONDUCTORS PROVIDED BY SERVING UTILITY COMPANY, SEE POWER RISER DIAGRAM FOR NUMBER/SIZE OF CONDUITS, LOCATION & ROUTING SHOWN ARE APPROXIMATE & REPRESENTATIVE.
UGS	DUCT BANK & CONDUCTORS, UNDERGROUND, SECONDARY ELEC. DISTRIBUTION, SEE POWER RISER DIAGRAM FOR NUMBER/SIZE OF CONDUITS & CONDUCTORS, LOCATION & ROUTING SHOWN ARE APPROXIMATE & REPRESENTATIVE.
XUGS	DUCT BANK & CONDUCTORS, UNDERGROUND, SECONDARY ELEC. DISTRIBUTION, EMERGENCY POWER SYSTEM, SEE POWER RISER DIAGRAM FOR NUMBER/SIZE OF CONDUITS & CONDUCTORS, LOCATION & ROUTING SHOWN ARE APPROXIMATE & REPRESENTATIVE.
UGT	DUCT BANK & CONDUCTORS, UNDERGROUND, TELECOMMUNICATION SERVICE ENTRANCE, SEE SCHEMATIC WIRING DIAGRAM FOR NUMBER/TYPE OF CONDUCTORS, NUMBER/SIZE OF CONDUITS AS INDICATD, LOCATION & ROUTING SHOWN ARE APPROXIMATE & REPRESENTATIVE.
UGL	UNDERGROUND LIGHTING BRANCH CIRCUIT(S), NUMBER/SIZE OF CONDUITS & CONDUCTORS AS INDICATED, LOCATION & ROUTING SHOWN ARE APPROXIMATE & REPRESENTATIVE.

LUMINAIRES

F	LIGHTING FIXTURE OUTLET WITH FIXTURE PER LIGHTING FIXTURE SCHEDULE, FIXTURE SYMBOL, CIRCUIT DESIGNATION(S), MOUNTING PER THE LIGHTING FIXTURE SCHEDULE.
F	LIGHTING FIXTURE WALL BRACKET OUTLET WITH FIXTURE, FIXTURE SYMBOL, CIRCUIT DESIGNATION, MOUNTING PER THE LIGHTING FIXTURE SCHEDULE.
F	FLUORESCENT/LED FIXTURE OUTLET WITH FIXTURE PER LIGHTING FIXTURE SCHEDULE, FIXTURE SYMBOL, CIRCUIT DESIGNATION(S), MOUNTING PER THE LIGHTING FIXTURE SCHEDULE.
#	RECESSED FLUORESCENT/LED FIXTURE OUTLET WITH FIXTURE PER LIGHTING FIXTURE SCHEDULE, FIXTURE SYMBOL CIRCUIT DESIGNATION(S), MOUNTING PER THE LIGHTING FIXTURE SCHEDULE.
#	FLUORESCENT/LED WALL BRACKET OUTLET WITH FIXTURE PER LIGHTING FIXTURE SCHEDULE, FIXTURE SYMBOL, CIRCUIT DESIGNATION(S), MOUNTING PER THE LIGHTING FIXTURE SCHEDULE.
	HATCH LINES THRU ANY LIGHTING FIXTURE SYMBOL DENOTES LIGHTING FIXTURE PROVIDED WITH INTEGRAL EMERGENCY BATTERY PACK CONNECTED TO NON–SWITCH LIGHTING BRANCH CIRCUIT.
#	LIGHTING FIXTURE OUTLET WITH SUSPEND LINEAR FIXTURE PER LIGHTING FIXTURE SCHEDULE, FIXTURE SYMBOL, CIRCUIT DESIGNATION(S), MOUNTING PER THE LIGHTING FIXTURE SCHEDULE.
#	LIGHTING FIXTURE OUTLET WITH RECESSED LINEAR FIXTURE PER LIGHTING FIXTURE SCHEDULE, FIXTURE SYMBOL, CIRCUIT DESIGNATION(S), MOUNTING PER THE LIGHTING FIXTURE SCHEDULE.
F	OUTDOOR AREA LIGHTING FIXTURE WITH POLE AND BASE, FIXTURE SYMBOL PER LIGHTING FIXTURE SCHEDULE, SEE POLE BASE DETAIL FOR ADDITIONAL REQUIREMENTS, CIRCUIT DESIGNATION.
F	OUTDOOR AREA LIGHTING FIXTURES WITH POLE AND BASE, FIXTURE SYMBOL PER LIGHTING FIXTURE SCHEDULE, SEE POLE BASE DETAIL FOR ADDITIONAL REQUIREMENTS, CIRCUIT DESIGNATION.

SWITCHES & LIGHTING CONTROL DEVICES

S	TOGGLE SWITCH WITH BOX & PLATE, 20A1P, 120/277V, FLUSH MOUNT C.L. UP 48" A.F.F. UNLESS NOTED OTHERWISE.
S3	TOGGLE SWITCH WITH BOX & PLATE, THREE–WAY, 20A1P, 120/277V, FLUSH MOUNT C.L. UP 48" A.F.F. UNLESS NOTED OTHERWISE.
S4	TOGGLE SWITCH WITH BOX & PLATE, FOUR–WAY, 20A1P, 120/277V, FLUSH MOUNT C.L. UP 48" A.F.F. UNLESS NOTED OTHERWISE.
SOS	SWITCH WITH BOX & PLATE, OCCUPANCY SENSOR TYPE, PASSIVE INFRARED, MOUNT C.L. UP 48" A.F.F. UNLESS NOTED OTHERWISE.
SOSD	WALL–BOX DIMMER SWITCH WITH BOX & PLATE, 20A1P, 120/277V, OCCUPANCY SENSOR TYPE, DUAL TECHNOLOGY (INFRARED/MICROPHONICS), ON/OFF BUTTON, RAISE/LOWER BUTTONS, FLUSH MOUNT C.L. UP 48" A.F.F. UNLESS INDICATED OTHERWISE.
SD	WALL–BOX DIMMER SWITCH WITH BOX & PLATE, 20A1P, 120/277V, ON/OFF BUTTON, RAISE/LOWER BUTTONS, FLUSH MOUNT C.L. UP 48" A.F.F. UNLESS INDICATED OTHERWISE.
ST	MANUAL MOTOR SWITCH WITH BOX AND PLATE, 20A1P, 120/277V, FLUSH MOUNT C.L. UP 48" A.F.F. UNLESS NOTED OTHERWISE.
S2T	MANUAL MOTOR SWITCH WITH BOX AND PLATE, 20A2P, 120/277V, FLUSH MOUNT C.L. UP 48" A.F.F. UNLESS NOTED OTHERWISE.
SB	TOGGLE SWITCH OUTLET BOX & BLANK PLATE, FLUSH MOUNT C.L. UP 48" A.F.F. UNLESS INDICATED OTHERWISE, PROVIDE E



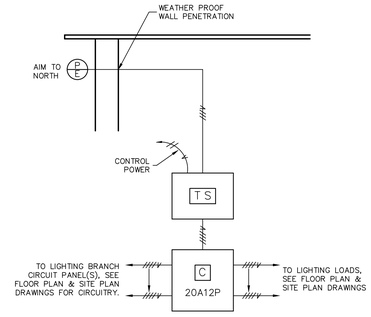
DETAIL NOTES:

1. DEPTH OF POLE BASE BELOW FINISHED GRADE SHALL BE THE FOLLOWING:
   - 20'–0" POLE HEIGHT: 6'–0"
   - 25'–0" POLE HEIGHT: 7'–6"
   - 30'–0" POLE HEIGHT: 8'–6"
   - 35'–0" POLE HEIGHT: 10'–0"
2. POLE BASE DEPTHS ARE FOR INSTALLATION IN GOOD EARTH & SHALL BE MEASURED FROM THE LOWEST POINT AT WHICH THE FINISHED GRADE WILL CROSS THE BASE.
3. BOND BRANCH CIRCUIT GROUND CONDUCTOR & METALLIC CONDUIT TO POLE. WHERE PVC CONDUITS ARE USED FOR BRANCH CIRCUITRY, PROVIDE GROUND ROD AT POLE & BOND TO POLE USING #8 AWG CONDUCTOR.
4. POLE BASE DIAMETER SHALL PROVIDE A MIN. OF 3" CONCRETE COVERAGE BEYOND ANCHOR BOLT CIRCLE. POLE BASE DIAMETER SHALL BE LARGE ENOUGH TO ALLOW THE ANCHOR BASE OR BASE COVER TO SET ATOP WITHOUT ANY OVERHANG.
5. PROVIDE 45° CHAMPHER ON ALL EXPOSED EDGES. TROWEL FINISH AND RUB SMOOTH ALL EXPOSED CONCRETE.
6. PROVIDE LEVELING NUTS & INSTALL POLE LEVEL, PLUMB AND SQUARE.

TYPICAL

POLE BASE DETAIL

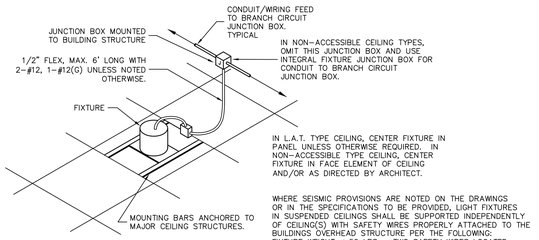
NO SCALE



OUTDOOR LIGHTING

CONTROL RISER DIAGRAM

NO SCALE



IN NON–ACCESSIBLE CEILING TYPES, OMIT THIS JUNCTION BOX AND USE INTEGRAL FIXTURE JUNCTION BOX FOR CONDUIT TO BRANCH CIRCUIT JUNCTION BOX.

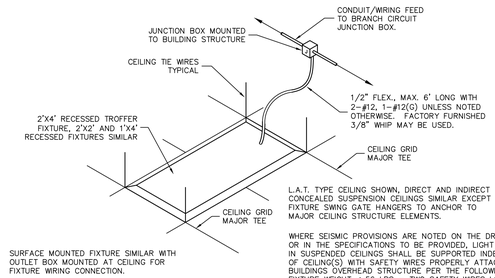
IN L.A.T. TYPE CEILING, CENTER FIXTURE IN PANEL UNLESS OTHERWISE REQUIRED. IN NON–ACCESSIBLE TYPE CEILING, CENTER FIXTURE IN FACE ELEMENT OF CEILING AND/OR AS DIRECTED BY ARCHITECT.

WHERE SEISMIC PROVISIONS ARE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO BE PROVIDED, LIGHT FIXTURES IN SUSPENDED CEILINGS SHALL BE SUPPORTED INDEPENDENTLY OF CEILING(S) WITH SAFETY WIRES PROPERLY ATTACHED TO THE BUILDINGS OVERHEAD STRUCTURE PER THE FOLLOWING:
FIXTURE WEIGHT < 56 LBS – TWO SAFETY WIRES LOCATED AT OPPOSITE CORNERS OF FIXTURE.
FIXTURE WEIGHT ≥ 56 LBS – FOUR SAFETY WIRES, ONE AT EACH CORNER OF FIXTURE.

FLUORESCENT/INCANDESCENT/HID DOWNLIGHT

TYPICAL MOUNTING DETAIL

NO SCALE



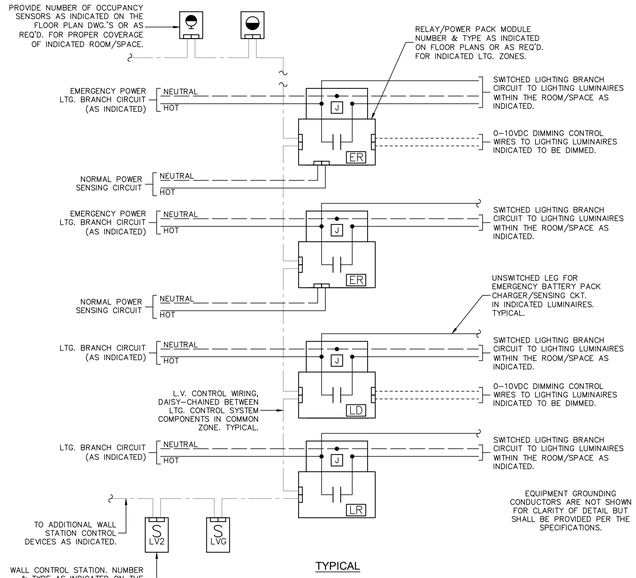
L.A.T. TYPE CEILING SHOWN, DIRECT AND INDIRECT CONCEALED SUSPENSION CEILINGS SIMILAR EXCEPT FIXTURE SWING GATE HANGERS TO ANCHOR TO MAJOR CEILING STRUCTURE ELEMENTS.

WHERE SEISMIC PROVISIONS ARE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO BE PROVIDED, LIGHT FIXTURES IN SUSPENDED CEILINGS SHALL BE SUPPORTED INDEPENDENTLY OF CEILING(S) WITH SAFETY WIRES PROPERLY ATTACHED TO THE BUILDINGS OVERHEAD STRUCTURE PER THE FOLLOWING:
FIXTURE WEIGHT < 56 LBS – TWO SAFETY WIRES LOCATED AT OPPOSITE CORNERS OF FIXTURE.
FIXTURE WEIGHT ≥ 56 LBS – FOUR SAFETY WIRES, ONE AT EACH CORNER OF FIXTURE.

FLUORESCENT TROFFER

TYPICAL MOUNTING DETAIL

NO SCALE



SEQUENCES OF OPERATION:

A. TYPICAL TRAINING/MEETING ROOM
1. LIGHTING "ON" TO 100% WITH MANUAL OPERATION OF WALL STATION "ON" BUTTON.
2. LIGHTING "OFF" WITH MANUAL ACTIVATION OF WALL STATION SWITCH "OFF" BUTTON.
3. LIGHTING WITHIN ROOM/SPACE "OFF" BY OCCUPANCY SENSOR WITHIN 30 MIN. OF ALL OCCUPANTS LEAVING THE SPACE.
4. WALL STATION SCENES – PROVIDE MIN. 4 SCENE BUTTONS PROGRAMMED PER OWNER DIRECTION.
5. LIGHTING ILLUMINATION LEVELS CONTROLLED VIA MANUAL ACTIVATION OF WALL STATION RAISE/LOWER BUTTONS.

B. TYPICAL OFFICE SPACE
1. LIGHTING "ON" TO 100% WITH MANUAL ACTIVATION OF WALL STATION "ON" BUTTON.
2. LIGHTING "OFF" WITH MANUAL ACTIVATION OF WALL STATION SWITCH "OFF" BUTTON.
3. LIGHTING WITHIN ROOM/SPACE "OFF" BY OCCUPANCY SENSOR WITHIN 30 MIN. OF ALL OCCUPANTS LEAVING THE SPACE.
4. LIGHTING ILLUMINATION LEVELS CONTROLLED VIA MANUAL ACTIVATION OF WALL STATION RAISE/LOWER BUTTONS.

C. TYPICAL CORRIDOR
1. LIGHTING "ON" TO 100% WITH MANUAL ACTIVATION OF WALL STATION "ON" BUTTON OR GRAPHIC FUNCTION.
2. LIGHTING WITHIN ROOM/SPACE "OFF" BY OCCUPANCY SENSOR WITHIN 30 MIN. OF ALL OCCUPANTS LEAVING THE SPACE.
3. LIGHTING "OFF" WITH MANUAL ACTIVATION OF WALL STATION "OFF" BUTTON OR GRAPHIC FUNCTION.

D. TYPICAL TOILET
1. LIGHTING "ON" TO 100% BY OCCUPANCY SENSOR UPON OCCUPANT ENTERING THE SPACE.
2. LIGHTING "ON" TO 100% WITH MANUAL ACTIVATION OF WALL STATION "ON" BUTTON.
3. LIGHTING "OFF" BY OCCUPANCY SENSOR WITHIN 30 MIN. OF ALL OCCUPANTS LEAVING THE SPACE.
4. LIGHTING "OFF" WITH MANUAL ACTIVATION OF WALL STATION "OFF" BUTTON.

E. TYPICAL MISC. SPACE
1. LIGHTING "ON" TO 100% WITH MANUAL ACTIVATION OF WALL STATION "ON" BUTTON.
2. LIGHTING "OFF" BY OCCUPANCY SENSOR WITHIN 30 MIN. OF ALL OCCUPANTS LEAVING THE SPACE.
3. LIGHTING "OFF" WITH MANUAL ACTIVATION OF WALL STATION "OFF" BUTTON.

TYPICAL

LIGHTING CONTROL SYSTEM
TYPICAL ZONE DEVICE WIRING DIAGRAM

NO SCALE

LIGHTING FIXTURE SCHEDULE

VOLTS	SYMBOL	WATTS	DESCRIPTION	MANUFACTURER	CAT. NO.	MOUNTING
120/277	A	LED	LED FLAT PANEL, 2'X4', 4000 DELIVER LUMENS, 3500°K, 39W, 1% 0–10V DIMMING DRIVER	LITHONIA LTG.	EPANL–24–40L–35K	RECESSED AT CEILING
120/277	B	LED	LED FLAT PANEL, 1'X4', 4000 DELIVER LUMENS, 3500°K, 39W, 1% 0–10V DIMMING DRIVER	LITHONIA LTG.	EPANL–14–40L–35K	RECESSED AT CEILING
120/277	BE	LED	LED FLAT PANEL, 1'X4', 4000 DELIVER LUMENS, 3500°K, 39W, 1% 0–10V DIMMING DRIVER, INTEGRAL EMERGENCY BATTERY PACK	LITHONIA LTG.	EPANL–14–40L–35K–E10WCP	RECESSED AT CEILING
120/277	B1	LED	LED FLAT PANEL, 1'X4', 4800 DELIVER LUMENS, 3500°K, 45W, 1% 0–10V DIMMING DRIVER	LITHONIA LTG.	EPANL–14–48L–35K	RECESSED AT CEILING
120/277	B1E	LED	LED FLAT PANEL, 1'X4', 4800 DELIVER LUMENS, 3500°K, 45W, 1% 0–10V DIMMING DRIVER, INTEGRAL EMERGENCY BATTERY PACK	LITHONIA LTG.	EPANL–14–48L–35K–E10WCP	RECESSED AT CEILING
120/277	C	LED	LED FLAT PANEL, 2'X2', 4000 DELIVER LUMENS, 3500°K, 25W, 1% 0–10V DIMMING DRIVER	LITHONIA LTG.	EPANL–22–40L–35K	RECESSED AT CEILING
120/277	CE	LED	LED FLAT PANEL, 2'X2', 4000 DELIVER LUMENS, 3500°K, 25W, 1% 0–10V DIMMING DRIVER, INTEGRAL EMERGENCY BATTERY PACK	LITHONIA LTG.	EPANL–22–40L–35K–E10WCP	RECESSED AT CEILING
120/277	D	LED	SURFACE VOLUMETRIC LED LUMINAIRE, 48", 4000 LUMEN, 3500°K, 35W, 1% 0–10V DIMMING DRIVER	LITHONIA LTG.	STL4–40L–EZ1–LP835	SURFACE AT CEILING
120/277	DE	LED	SURFACE VOLUMETRIC LED LUMINAIRE, 48", 4000 LUMEN, 3500°K, 35W, 1% 0–10V DIMMING DRIVER, INTEGRAL EMERGENCY BATTERY PACK	LITHONIA LTG.	STL4–40L–EZ1–LP835 –E10WLCP	SURFACE AT CEILING
–	E	–	NOT USED	–	–	–
120/277	F	LED	INDUSTRIAL LED VAPORTIGHT, 48", 4000 LUMENS, 3500°K, 42W, SYMMETRIC DISTR., POLYCARBONATE IMPACT–RESISTENT HOUSING & FROSTED LENS, S.S. LATCHES	LITHONIA LTG.	FEM–L48–4000LM–LPPFL–MD–GZ10–35K 80CRI–STSL	CEILING OR AS NOTED
120/277	FE	LED	INDUSTRIAL LED VAPORTIGHT, 48", 4000 LUMENS, 3500°K, 42W, SYMMETRIC DISTR., POLYCARBONATE IMPACT–RESISTENT HOUSING & FROSTED LENS, S.S. LATCHES, EMERGENCY BATTERY PACK	LITHONIA LTG.	FEM–L48–4000LM–LPPFL–MD–GZ10–35K 80CRI–STSL–E10WMCP	CEILING OR AS NOTED
120/277	G	LED	LED OPEN DOWNLIGHT, 6" APERURE, SPEC–GRADE, 1500 LUMENS, 3500°K, 20W, 0–10V 1% DIMMING DRIVER	LITHONIA LTG.	LDN6–35/15–L06–AR –LSS–GZ1	RECESSED AT CEILING
120/277	H2	LED	DECO. LED WALL BRACKET LUMINAIRE, 24", 800 LUMENS, 3500°K, 8W, 1% 0–10V DIMMING DRIVER	LITHONIA LTG.	WL2–08L–EZ1–LP835	WALL ABOVE MIRROR OR AS INDICATED
120/277	H4	LED	DECO. LED WALL BRACKET LUMINAIRE, 48", 2000 LUMENS, 3500°K, 19W, 1% 0–10V DIMMING DRIVER	LITHONIA LTG.	WL4–20L–EZ1–LP835	WALL ABOVE MIRROR OR AS INDICATED
–	I	–	NOT USED	–	–	–
120/277	J	LED	CORRECTIONAL SURFACE LED LUMINAIRE, 48", 5000 LUMENS, 3500°K, 46W, 14GA CRS HOUSING/BASE, SYM. DISTR., .187" CTG/.187" POLYCARBONATE LENS, TORX HEAD W/CENTER PIN FASTENERS	KENALL LTG.	SSA–4–0/0–45L35K–DCC–8/6–1	CEILING OR AS NOTED
120/277	JE	LED	CORRECTIONAL SURFACE LED LUMINAIRE, 48", 5000 LUMENS, 3500°K, 46W, 14GA CRS HOUSING/BASE, SYM. DISTR., .187" CTG/.187" POLYCARBONATE LENS, TORX HEAD W/CENTER PIN FASTENERS, EBP	KENALL LTG.	SSA–4–0/0–45L35K–DCC–8/6–1–LEL	CEILING OR AS NOTED
120/277	K	LED	INDUSTRIAL LED VAPORTIGHT, 48", 4000 LUMENS, 3500°K, 42W, SYMMETRIC DISTR., POLYCARBONATE IMPACT–RESISTENT HOUSING & FROSTED LENS, S.S. LATCHES	LITHONIA LTG.	FEM–L48–4000LM–LPPFL–MD–GZ10–35K 80CRI–STSL	CEILING OR AS NOTED
120/277	KE	LED	INDUSTRIAL LED VAPORTIGHT, 48", 4000 LUMENS, 3500°K, 42W, SYMMETRIC DISTR., POLYCARBONATE IMPACT–RESISTENT HOUSING & FROSTED LENS, S.S. LATCHES, EMERGENCY BATTERY PACK	LITHONIA LTG.	FEM–L48–4000LM–LPPFL–MD–GZ10–35K 80CRI–STSL–E10WMCP	CEILING OR AS NOTED
–	L––W	–	NOT USED	–	–	–
120/277	X1	LED	EXIT SIGN, LED, SINGLE FACE, BRUSHED ALUM. FACE, BLACK HOUSING, ARROWS AS INDICATED, UNIVERSAL MOUNTING	LITHONIA LTG.	LQC–1R	WALL/CEILING AS INDICATED
120/277	X2	LED	EXIT SIGN, LED, DOUBLE FACE, BRUSHED ALUM. FACE, BLACK HOUSING, ARROWS AS INDICATED, UNIVERSAL MOUNTING	LITHONIA LTG.	LQC–2R	WALL/CEILING AS INDICATED
120/277	X3	LED	EXIT SIGN, LED, SINGLE FACE, BRUSHED ALUM. FACE, BLACK HOUSING, ARROWS AS INDICATED, UNIVERSAL MOUNTING, NI–CAD EMERGENCY BATTERY PACK	LITHONIA LTG.	LQC–1R–ELN	WALL/CEILING AS INDICATED
120/277	X4	LED	EXIT SIGN, LED, DOUBLE FACE, BRUSHED ALUM. FACE, BLACK HOUSING, ARROWS AS INDICATED, UNIVERSAL MOUNTING, NI–CAD EMERGENCY BATTERY PACK	LITHONIA LTG.	LQC–2R–ELN	WALL/CEILING AS INDICATED
–	Y––Z	–	NOT USED	–	–	–
120/277	AA	LED	OUTDOOR DECO. LED WALL BRACKET, DIE–CAST ALUM. HOUSING, FULL CUT–OFF DISTR., 6500 LUMENS, 51W, 4000K, STD. FINISH PER ARCH.	LITHONIA LTG.	ARC2LED–P5–40K–XXX	EXT. WALL C.L. 11'–6" A.F.F.
120/277	BB	LED	OUTDOOR DECO. LED WALL BRACKET, DIE–CAST ALUM. HOUSING, FULL CUT–OFF DISTR., 3000 LUMENS, 25W, 4000K, STD. FINISH PER ARCH.	LITHONIA LTG.	ARC1LED–P3–40K–XXX	EXT. WALL C.L. 8'–6" A.F.F.
120/277	CC	LED	O.D. RECESSED LINEAR LED LUMIAIRE, 4" X 48", 875 LM/FT, 8W/FT, 4000K, EXTRUDED ALUM. HOUSING, FLUSH SATIN LENS	FOCAL POINT LTG.	FSM4LWL–FL–875LF–40K–1C–L11–XX–WH–4'	RECESSED AT SOFFIT
120/277	DD	LED	O.D. LED AREA LUMINAIRE, DIE–CAST ALUM. HOUSING, ALUM. HOUSING, 19000 LM, 183W, 4000K, TYPE 3M DISTR., 25'X5'X7GA SQUARE STRAIGHT STEEL POLE, STD. FINISH PER ARCHITECT	LITHONIA LTG.	DSX1–LED–P7–40K–T3M–SSS255G	CONCRETE POLE BASE PER DETAIL
–	EE	–	NOT USED	–	–	–
120/277	FF	LED	O.D. LED AREA LUMINAIRES, DIE–CAST ALUM. HOUSING, ALUM. HOUSING, 19000 LM, 183W, 4000K, TYPE 3M DISTR., 25'X5'X7GA SQUARE STRAIGHT STEEL POLE, STD. FINISH PER ARCHITECT	LITHONIA LTG.	DSX1(2)–LED–P7–40K –T3M–SSS255G	CONCRETE POLE BASE PER DETAIL

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Lake, Architect
601 22ND AVENUE P.O. BOX 636
MERIDIAN, MISSISSIPPI 39302
P. 601.693.6343
F. 601.693.6443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication by any method, in whole or in part, of LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI

03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

Electrical Schedules and Details

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4525 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL. 601-982-5313 FAX. 601-982-7685

S/W JOB NO: 220075

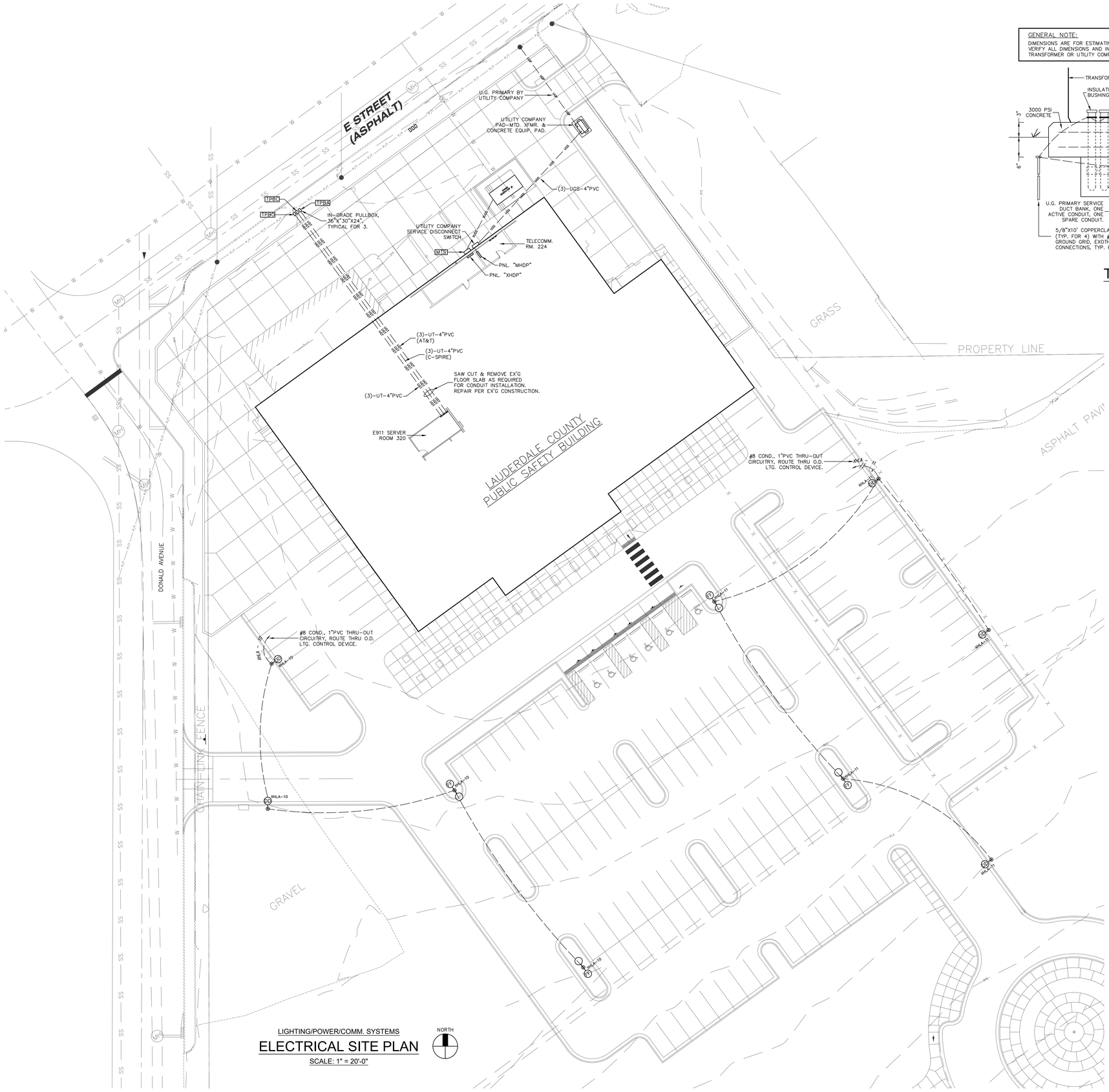
PROJECT NO.: 19-4894B

SHEET ISSUED:

DRAWN BY:

REVIEWED BY:

SHEET NO. E-002



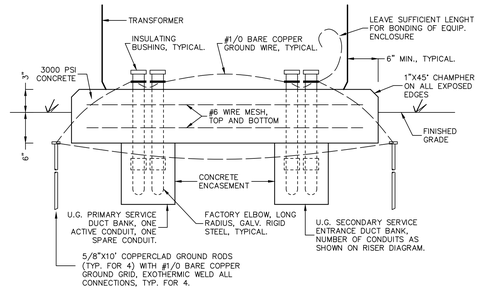
LIGHTING/POWER/COMM. SYSTEMS

ELECTRICAL SITE PLAN

SCALE: 1" = 20'-0"

NORTH

GENERAL NOTE:
DIMENSIONS ARE FOR ESTIMATING PURPOSES ONLY. VERIFY ALL DIMENSIONS AND INSTALL TO SATISFY TRANSFORMER OR UTILITY COMPANY REQUIREMENTS.



PAD-MOUNTED TRANSFORMER

TYPICAL PAD DETAIL

NO SCALE

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
621 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
T. 601.693.9444
F. 601.693.9447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents by LPK Architects P.A. will result in all sunkles and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI

03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

Electrical Site Plan
Lighting, Power &
Comm. Systems

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4525 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL: 601-982-3313 FAX: 601-982-7685

S/W JOB NO: 220075

PROJECT NO.: 19-4894B

SHEET ISSUED:

DRAWN BY:

REVIEWED BY:

SHEET NO.

E-101R

EA EB B C EC ED EE EF EG EH

7 E6 E5.5 E5 E4.5 E4 E3.5 E3 E2 E1

ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #4. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #4.

ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #4. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #4.

ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #2. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #2.

O.D. LIGHTING CONTROL DEVICES

CONNECTION TO BLDG. ILLUMINATED SIGNAGE. VERIFY LOCATION W/SIGN PROVIDER PRIOR TO ROUGH-IN. TYPICAL.

LIGHTING SYSTEMS

ELECTRICAL FLOOR PLAN

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

NORTH

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

821 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
T. 601.693.6343
F. 601.693.6443

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents by any party other than LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI

03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

Electrical Floor Plan
Lighting Systems

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4523 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL. 601-982-3313 FAX. 601-982-7685
S/W JOB NO: 220075

PROJECT NO.: 19-4894B

SHEET ISSUED:

DRAWN BY:

REVIEWED BY:

SHEET NO.

E-201R

ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #4. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #4.

ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #4. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #4.

ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #2. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #2.

POWER OUTLET SYSTEMS

ELECTRICAL FLOOR PLAN

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

NORTH

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4523 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL: 601-982-5313 FAX: 601-982-7685
S/W JOB NO: 220075

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
921 22ND AVENUE P.O. BOX 636
MERIDIAN, MISSISSIPPI 39302
T: 601.693.6343
F: 601.693.6442

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents by LPK Architects P.A. will result in all liabilities and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI
03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

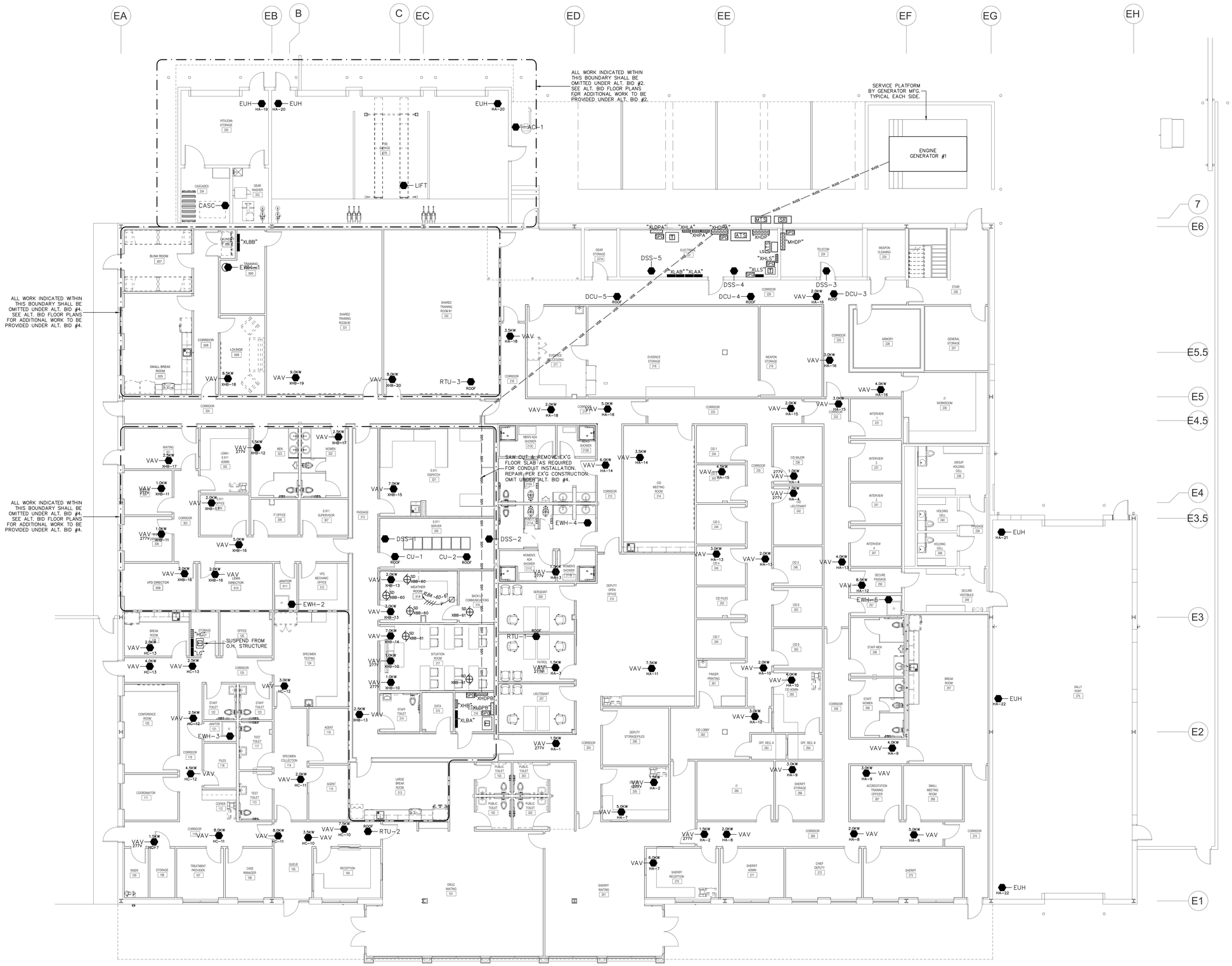
SHEET TITLE

Electrical Floor Plan
Power Systems

PROJECT NO.: 19-4894B
SHEET ISSUED:
DRAWN BY:
REVIEWED BY:

SHEET NO.

E-202R



EQUIPMENT POWER & ELECTRICAL DISTR. SYSTEMS

ELECTRICAL FLOOR PLAN

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

NORTH

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

821 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
T. 601.693.9444
F. 601.693.9445

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents by any party other than LPK Architects P.A. will result in all sunkiss and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI

03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

Electrical Floor Plan
Equipment Power Systems

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4525 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL. 601-982-3313 FAX. 601-982-7685

S/W JOB NO: 220075

PROJECT NO.: 19-4894B

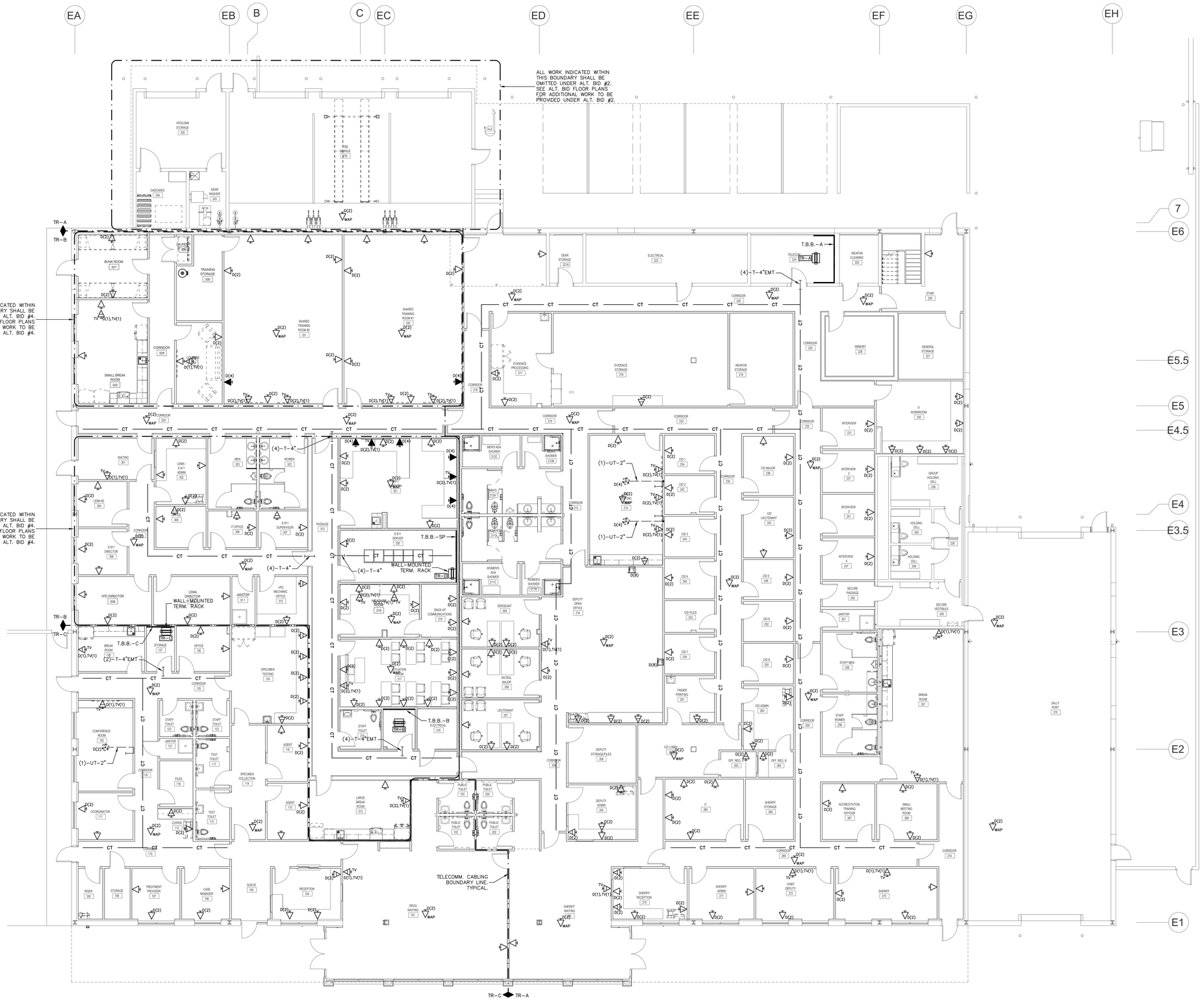
SHEET ISSUED:

DRAWN BY:

REVIEWED BY:

SHEET NO.

E-203R



COMMUNICATION SYSTEMS

ELECTRICAL FLOOR PLAN

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

NORTH

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4525 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL. 601-982-3313 FAX. 601-982-7685
S/W JOB NO: 220075

LPK architects
LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
621 22ND AVENUE P.O. BOX 636
MERIDIAN, MISSISSIPPI 39302
T. 601.693.6343
F. 601.693.6644

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication by any method in whole or in part by LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI

03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

Electrical Floor Plan
Communication Systems

PROJECT NO.: 19-4894B

SHEET ISSUED:

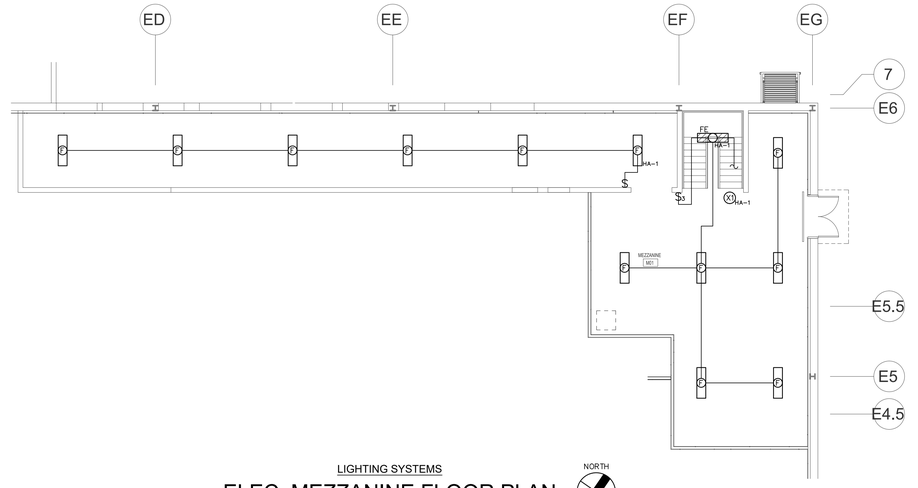
DRAWN BY:

REVIEWED BY:

SHEET NO.

E-204R


EA
EB
B
C
EC
ED
EE
EF
EG
EH
7
E6
E5.5
E5
E4.5
E4
E3.5
E3
E2
E1
ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #2. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #2.
ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #4. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #4.
ALL WORK INDICATED WITHIN THIS BOUNDARY SHALL BE OMITTED UNDER ALT. BID #4. SEE ALT. BID FLOOR PLANS FOR ADDITIONAL WORK TO BE PROVIDED UNDER ALT. BID #4.
FOR INTERFACE W/HOOD FIRE SUPPRESSION SYS.
FOR INTERFACE WITH FIRE SUPPRESSION SYS.
FOR INTERFACE W/HOOD FIRE SUPPRESSION SYS.
RTU-3
RTU-1
RTU-2
VEST/ENTRANCE 100
PSB GARAGE 175
CASCADE
GEAR
LAUNDRY 326
BUNK ROOM
TRAINING STORAGE 330
CORRIDOR 328
LOUNGE 329
SMALL BREAK ROOM 325
SHARED TRAINING ROOM #2 331
SHARED TRAINING ROOM #1 332
GEAR STORAGE 221A
ELECTRICAL 222
TELECOM 224
WEAPON CLEANING 225
CORRIDOR 220
STAIR 226
EVIDENCE PROCESSING 217
EVIDENCE STORAGE 218
WEAPON STORAGE 219
CORRIDOR 216
CORRIDOR 215
CORRIDOR 233
CORRIDOR 229
JANITOR 228
GENERAL STORAGE 227
CORRIDOR 232
IT WORKROOM 230
INTERVIEW 1 231
INTERVIEW 2 237
INTERVIEW 3 241
INTERVIEW 4 247
GROUP HOLDING CELL 239
HOLDING CELL 240
HOLDING CELL 246
PRISONER 242
SECURE VESTIBULE 249
SECURE PASSAGE 250
JANITOR 251
STAFF MEN 256
BREAK ROOM 257
STAFF WOMEN 258
SALLY PORT 275
WAITING 301
LEMA I E-911 ADMIN. 302
MEN 323
WOMEN 322
LEMA #2 304
E-911 OFFICE 305
CORRIDOR 303
IT OFFICE 306
E-911 SUPERVISOR 307
E-911 DIRECTOR 308
E-911 DISPATCH 321
MEN'S ADA SHOWER 212C
SHOWER 212B
MEN'S 212A
CORRIDOR 213
WOMEN'S ADA SHOWER 211C
WOMEN'S SHOWER 211B
PASSAGE 211
VFD DIRECTOR 309
LEMA DIRECTOR 310
JANITOR 311
VFD MECHANIC OFFICE 312
WEATHER ROOM 318
BACK-UP COMMUNICATIONS 319
SERGEANT 209
DEPUTY OPEN OFFICE 210
CID 1 234
CID 2 243
CID 3 244
CID 4 245
CID 5 248
CID 6 252
CID 7 254
CID 8 255
CID FILES 253
CID MEETING ROOM 214
CID MAJOR 236
CID LIEUTENANT 242
CORRIDOR 235
FINGER PRINTING 261
CID ADMIN 260
CID LOBBY 262
OFF. REG. A 263
OFF. REG. B 264
CORRIDOR 259
SITUATION ROOM 317
PATROL MAJOR 208
LIEUTENANT 207
STAFF TOILET 315
DATA 316
ELECTRICAL
LARGE BREAK 314
PUBLIC TOILET 101
PUBLIC TOILET 102
PUBLIC TOILET 103
PUBLIC TOILET 104
CORRIDOR 204
DEPUTY STORAGE/FILES 206
DEPUTY ADMIN 205
IT 265
SHERIFF STORAGE 266
ACCREDITATION TRAINING OFFICER 267
SMALL MEETING ROOM 268
CORRIDOR 269
CONFERENCE ROOM 120
JANITOR 121
CORRIDOR 135
MEN 122
WOMEN 123
TEST TOILET 113
TEST TOILET 114
COPIER 112
FILES 118
COORDINATOR 111
CORRIDOR 110
STORAGE 108
TREATMENT PROVIDER 107
CASE MANAGER 106
QUEUE 105
RECEPTION 104
STORAGE 128
OFFICE 126
SPECIMEN TESTING 124
SPECIMEN COLLECTION 114
AGENT 116
AGENT 115
DRUG WAITING 101
SHERIFF WAITING 207
SHERIFF RECEPTION 270
SHERIFF ADMIN 271
CHIEF DEPUTY 272
SHERIFF 273
CORRIDOR 274
FAR
FAP
FAT
FAR
FAR
FAR

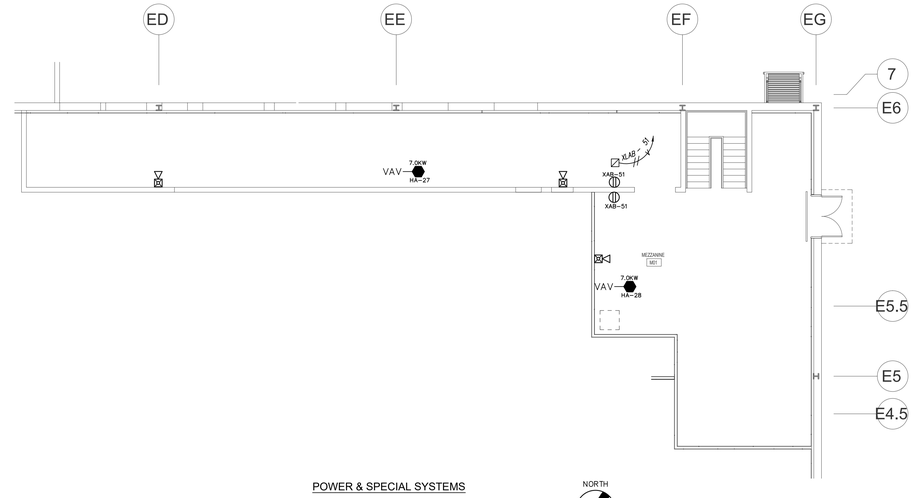


LIGHTING SYSTEMS

ELEC. MEZZANINE FLOOR PLAN

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

NORTH



POWER & SPECIAL SYSTEMS

ELEC. MEZZANINE FLOOR PLAN

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

NORTH

LPK
architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

621 22ND AVENUE P.O. BOX 636
MERIDIAN, MISSISSIPPI 39302
P. 601.693.9443
F. 601.693.9447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized use without the written permission of LPK Architects P.A. or Schultz & Wynne Consulting Engineers P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOAN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI

03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

Electrical Floor Plans
Mezzanine Level

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4525 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL. 601-982-3313 FAX: 601-982-7685
S/W JOB NO: 220075

PROJECT NO.: 19-4894B

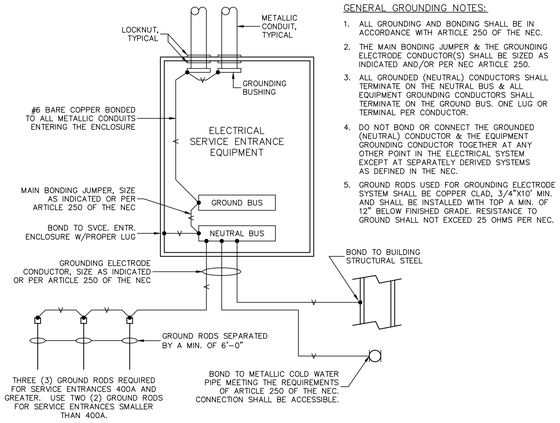
SHEET ISSUED:

SHEET NO.

DRAWN BY:

REVIEWED BY:

E-206



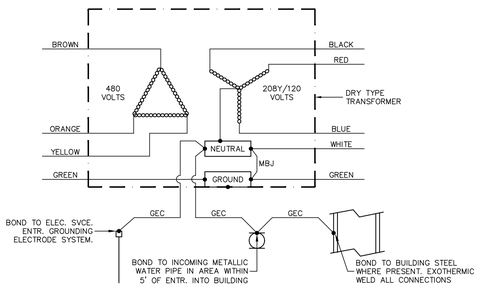
GENERAL GROUNDING NOTES:

1. ALL GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH ARTICLE 250 OF THE NEC.
2. THE MAIN BONDING JUMPER & THE GROUNDING ELECTRODE CONDUCTOR(S) SHALL BE SIZED AS INDICATED AND/OR PER NEC ARTICLE 250.
3. ALL GROUNDED (NEUTRAL) CONDUCTORS SHALL TERMINATE ON THE NEUTRAL BUS & ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE ON THE GROUND BUS. ONE LUG OR TERMINAL PER CONDUCTOR.
4. DO NOT BOND OR CONNECT THE GROUNDED (NEUTRAL) CONDUCTOR & THE EQUIPMENT GROUNDING CONDUCTOR TOGETHER AT ANY OTHER POINT IN THE ELECTRICAL SYSTEM EXCEPT AT SEPARATELY DERIVED SYSTEMS AS DEFINED IN THE NEC.
5. GROUND RODS USED FOR GROUNDING ELECTRODE SYSTEM SHALL BE COPPER CLAD, 3/4"X10' MIN. AND SHALL BE INSTALLED WITH TOP A MIN. OF 12" BELOW FINISHED GRADE. RESISTANCE TO GROUND SHALL NOT EXCEED 25 OHMS PER NEC.

SERVICE ENTRANCE

GROUNDING/BONDING DETAIL

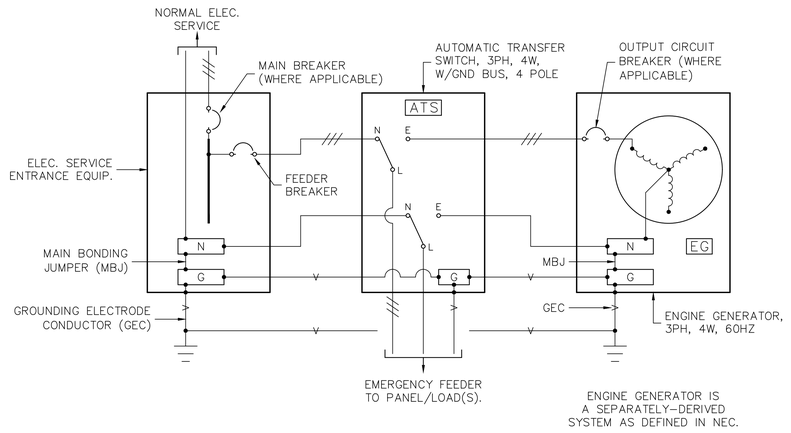
NO SCALE



DRY-TYPE TRANSFORMER

TYPICAL WIRING DIAGRAM

NO SCALE



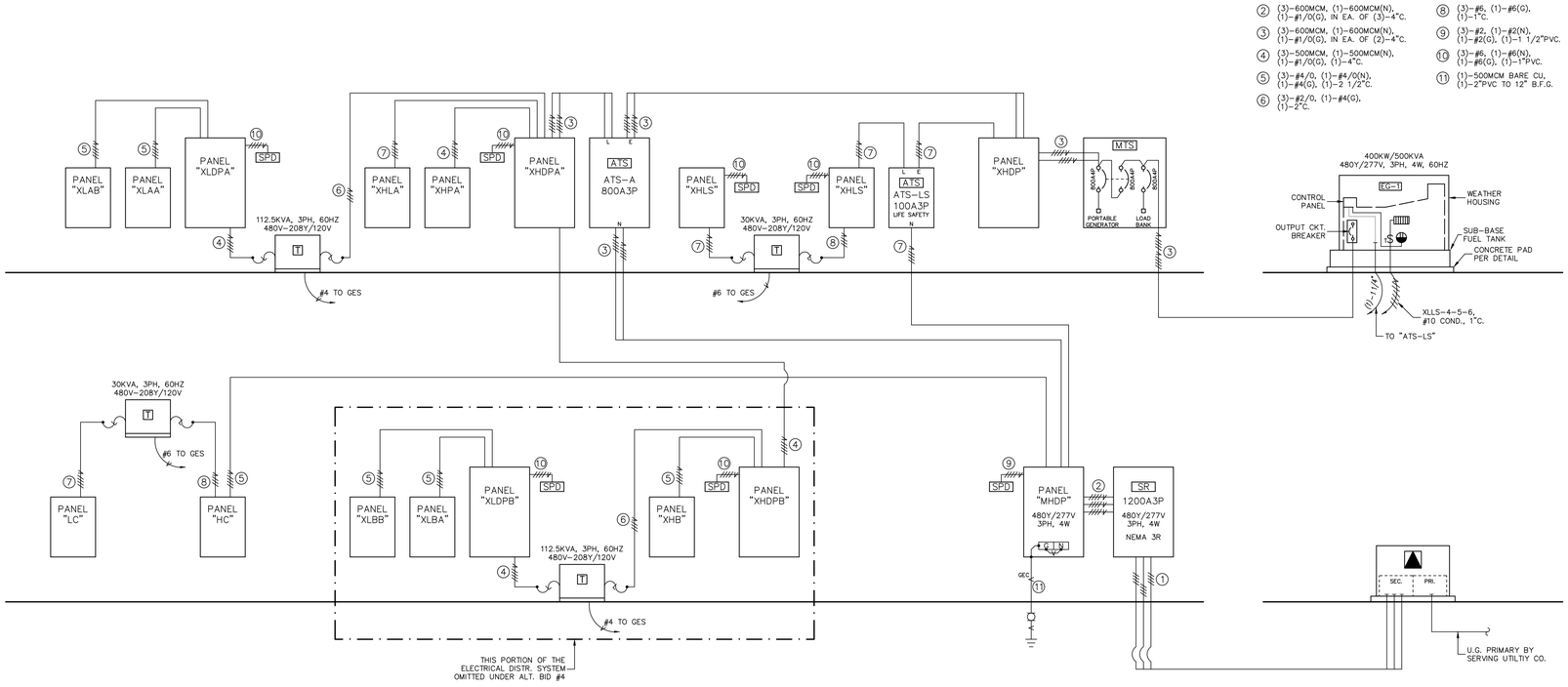
ENGINE GENERATOR/ATS

SCHEMATIC WIRING/GROUNDING DIAGRAM

NO SCALE

FEEDER SCHEDULE:

1. (3)-600MCM, (1)-600MCM(N), IN EACH OF (3)-4"C.
2. (3)-600MCM, (1)-600MCM(N), (1)-#1/0(G), IN EA. OF (3)-4"C.
3. (3)-600MCM, (1)-600MCM(N), (1)-#1/0(G), IN EA. OF (2)-4"C.
4. (3)-500MCM, (1)-500MCM(N), (1)-#1/0(G), (1)-4"C.
5. (3)-#4/0, (1)-#4/0(N), (1)-#4(G), (1)-2 1/2"C.
6. (3)-#2/0, (1)-#4(G), (1)-2"C.
7. (3)-#2, (1)-#2(N), (1)-#6(G), (1)-1 1/2"C.
8. (3)-#6, (1)-#6(G), (1)-1"C.
9. (3)-#2, (1)-#2(N), (1)-#2(G), (1)-1 1/2"PVC.
10. (3)-#6, (1)-#6(N), (1)-#6(G), (1)-1"PVC.
11. (1)-500MCM BARE CU, (1)-2"PVC TO 12' B.F.G.



ELECTRICAL SERVICE & DISTRIBUTION SYSTEMS

SCHEMATIC POWER RISER DIAGRAM

NOT TO SCALE

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4523 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL. 601-982-3313 FAX. 601-982-7683
S/W JOB NO: 220075

LPK architects
LPK ARCHITECTS, P.A.
Robert E. Luke, Architect
921 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
T. 601.693.9444
F. 601.693.9447

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication by any method, in whole or part, of LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

YATES CONSTRUCTION

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI

03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

Electrical Power Riser Diagram & Details

PROJECT NO.: 19-4894B

SHEET ISSUED:

SHEET NO.: E-301R

DRAWN BY:

REVIEWED BY:

PANEL "MHDP"

VOLTS: 480Y/277 PHASE: 3 MOUNTING: SURFACE
MAIN: 1200A WIRE: 4 K.A.I.C: 42
NEUTRAL: 100% FED FROM: ELECTRICAL SERVICE ENTRANCE MAIN BREAKER: 1200A3P

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	PANELBOARD "XHLS"	5.00			100	3	A	3	100				SURGE PROTECTION	2
	VIA ATS-LS		5.00				B						DEVICE (SPD)	
				5.00			C							
3	ROOF-TOP-UNIT	17.50			70	3	A	3	100				SPACE	4
	RTU-3A		17.50				B							
				17.50			C							
5	PANELBOARD "HC"	38.00			225	3	A	3	225				SPARE	6
			38.00				B							
				38.00			C							
7	SPACE				400	3	A	3	400				SPACE	8
							B							
							C							
9	PANELBOARD "XHDPA"	150.00			800**	3	A							
			150.00				B							
				150.00			C							

REMARKS: MAIN BREAKER SHALL BE 100% RATED.
** - 100% RATED CIRCUIT BREAKER.

PANEL "MHDP"

TOTAL CONNECTED LOAD - KVA:
TOTAL DEMAND - KVA: 486.8
TOTAL DEMAND - AMPS: 586.2
PHASE A: 210.5
PHASE B: 210.5
PHASE C: 210.5
SPARE CAPACITY - %: 25%
TOTAL LOAD - KVA: 608.4
TOTAL CONNECTED LOAD: 631.5
TOTAL LOAD - AMPS: 732.7

PANEL "XHLS" SECT. #1

VOLTS: 480Y/277 PHASE: 3 MOUNTING: SURFACE
MAIN: 125A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "MHDP" & ENG. GEN. #1 VIA ATS-LS MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	CORRIDOR LTG.	2.10			20	1	A	3	60				SURGE PROTECTION	16
2	CORRIDOR LTG.		1.90		20	1	B						DEVICE (SPD)	17
3	WAITING/CORR. LTG.			1.30	20	1	C							18
4	CORRIDOR LTG.	1.10			20	1	A	3	50	2.00			PANELBOARD "XLLS"	19
5	SPARE				20	1	B				2.00		VIA 30KVA XFMR.	20
6	SPARE				20	1	C					2.00		21
7	O.D. LTG. - S & E	1.00			20	1	A	1	20				SPACE	22
8	O.D. LTG. - N & W		1.00		20	1	B	1	20				SPACE	23
9	SPARE				20	1	C	1	20				SPACE	24
10	SPARE				20	1	A	1	20				SPACE	25
11	SPARE				20	1	B	1	20				SPACE	26
12	SPARE				20	1	C	1	20				SPACE	27
13	SPARE				20	1	A	1	20				SPACE	28
14	SPARE				20	1	B	1	20				SPACE	29
15	SPARE				20	1	C	1	20				SPACE	30

REMARKS:

PANEL "XHLS"

TOTAL CONNECTED LOAD - KVA:
TOTAL DEMAND - KVA: 14.4
TOTAL DEMAND - AMPS: 17.3
PHASE A: 6.2
PHASE B: 4.9
PHASE C: 3.3
SPARE CAPACITY - %: 25%
TOTAL LOAD - KVA: 18.0
TOTAL CONNECTED LOAD: 14.4
TOTAL LOAD - AMPS: 21.7

PANEL "XLLS" SECT. #1

VOLTS: 208Y/120 PHASE: 3 MOUNTING: SURFACE
MAIN: 125A WIRE: 4 K.A.I.C: 10
NEUTRAL: 100% FED FROM: PANELBOARD "XHLS" VIA 30KVA XFMR. MAIN BREAKER: 110A3P

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	FIRE ALARM SYSTEM	1.00			20	1	A	3	60				SURGE PROTECTION	16
2	T.B.B. RECEPT.		1.00		20	1	B						DEVICE (SPD)	17
3	T.B.B. RECEPT.			1.00	20	1	C							18
4	ENG. GEN. #1 CNTL.	1.00			20	1	A	1	20				SPACE	19
5	ENG. GEN. #1 HTR.		1.50		20	1	B	1	20				SPACE	20
6	ENG. GEN. #1 MISC.			1.00	20	1	C	1	20				SPACE	21
7	SPARE				20	1	A	1	20				SPACE	22
8	SPARE				20	1	B	1	20				SPACE	23
9	SPARE				20	1	C	1	20				SPACE	24
10	SPARE				20	1	A	1	20				SPACE	25
11	SPARE				20	1	B	1	20				SPACE	26
12	SPARE				20	1	C	1	20				SPACE	27
13	SPARE				20	1	A	1	20				SPACE	28
14	SPARE				20	1	B	1	20				SPACE	29
15	SPARE				20	1	C	1	20				SPACE	30

REMARKS:

PANEL "XLLS"

TOTAL CONNECTED LOAD - KVA:
TOTAL DEMAND - KVA: 5.5
TOTAL DEMAND - AMPS: 15.1
PHASE A: 3.0
PHASE B: 4.0
PHASE C: 3.0
SPARE CAPACITY - %: 25%
TOTAL LOAD - KVA: 6.8
TOTAL CONNECTED LOAD: 10.0
TOTAL LOAD - AMPS: 18.9

PANEL "XHDPA"

VOLTS: 480Y/277 PHASE: 3 MOUNTING: SURFACE
MAIN: 800A WIRE: 4 K.A.I.C: 42
NEUTRAL: 100% FED FROM: PANELBOARD "MHDP" & ENG. GEN. #1 VIA ATS-A MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	PANELBOARD "XHLA"	4.00			125	3	A	3	100				SURGE PROTECTION	2
			4.00				B						DEVICE (SPD)	
				4.00			C							
3	ROOF-TOP-UNIT RTU-1	28.99			110	3	A	3	125				SPARE	4
			28.99				B							
				28.99			C							
5	PANELBOARD "XLDPA"	21.00			175	3	A	3	175				SPARE	6
	VIA 112.5KVA XFMR.		21.00				B							
				21.00			C							
7	SPACE				225	3	A	3	225				SPACE	8
							B							
							C							
9	PANELBOARD "XHPA"	57.00			400	3	A	3	400	65.00			PANELBOARD "XHDPB"	10
			57.00				B				65.00		VIA ATS-B	
				57.00			C					65.00		

REMARKS:

PANEL "XHDPA"

TOTAL CONNECTED LOAD - KVA:
TOTAL DEMAND - KVA: 441.7
TOTAL DEMAND - AMPS: 531.9
PHASE A: 176.0
PHASE B: 176.0
PHASE C: 176.0
SPARE CAPACITY - %: 20%
TOTAL LOAD - KVA: 530.1
TOTAL CONNECTED LOAD: 528.0
TOTAL LOAD - AMPS: 638.3

PANEL "XHPA" SECT. #1

VOLTS: 480Y/277 PHASE: 3 MOUNTING: SURFACE
MAIN: 400A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "XHDPA" MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	VAV TERM. UNIT	1.50			20	1	A	3	20	2.83			VAV TERM. UNIT 1.23	12
2	VAV TERM. UNITS		3.00		20	1	B				2.83			
3	VAV TERM. UNITS			3.00	20	1	C					2.83		
4	VAV TERM. UNITS	2.00			20	1	A	3	20	3.00			VAV TERM. UNITS	13
5	SPARE				20	1	B				3.00		1.08, 1.24, 1.25	
6	SPARE				20	1	C					3.00		
7	VAV TERM. UNITS	3.66			20	3	A	3	20	3.16			VAV TERM. UNITS	14
	1.05 & 1.06		3.66				B				3.16		1.10, 1.13	
				3.66			C					3.16		
8	VAV TERM. UNITS	3.00			20	3	A	3	20	3.16			VAV TERM. UNITS	15
	1.04, 1.21, 1.22		3.00				B				3.16		1.09, 1.28, 1.32	
				3.00			C					3.16		
9	VAV TERM. UNITS	3.33			20	3	A	3	20	3.00			VAV TERM. UNITS	16
	1.18, 1.19, 1.20		3.33				B				3.00		1.29, 1.30, 1.31	
				3.33			C					3.00		
10	VAV TERM. UNITS	3.00			20	3	A	3	20	3.50			VAV TERM. UNITS	17
	1.15, 1.16, 1.17		3.00				B				3.50		1.11, 1.12, 1.14	
				3.00			C					3.50		
11	VAV TERM. UNIT 1.03	2.50			20	3	A	3	20				SPARE	18
			2.50				B							
				2.50			C							

REMARKS:

PANEL "XHPA" SECT. #2

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
19	UNIT HEATERS EUH (2)	3.33			20	3	A	3	30	5.00			ELEC. WATER HEATER	26
			3.33				B				5.00		EWH-4	
				3.33			C					5.00		
20	UNIT HEATERS EUH (2)	3.33			20	3	A	3	20	2.33			VAV TERM. UNIT	27
			3.33				B				2.33		1.38	
				3.33			C					2.33		
21	UNIT HEATER EUH	1.66			20	3	A	3	20	2.33			VAV TERM. UNIT	28
			1.66				B				2.33		1.39	
				1.66			C					2.33		
22	UNIT HEATERS EUH (2)	3.33			20	3	A	3	35	8.00			ROOF-TOP-UNIT	29
			3.33				B				8.00		RTU-4	
				3.33			C					8.00		
23	AIR COMPRESSOR	3.88			20	3	A	3	35	8.00			ROOF-TOP-UNIT	30
			3.88				B				8.00		RTU-5	
				3.88			C					8.00		
24	CASCADE MACHINE	3.88			20	3	A	3	20				SPARE	31
			3.88				B							
				3.88			C							
25	ELEC. WATER HEATER	1.66			20	3	A	3	35				SPARE	32
	EWH-5		1.66				B							
				1.66			C							

REMARKS:

PANEL "XHPA"

TOTAL CONNECTED LOAD - KVA:
TOTAL DEMAND - KVA: 211.9
TOTAL DEMAND - AMPS: 255.2
PHASE A: 84.4
PHASE B: 83.9
PHASE C: 83.9
SPARE CAPACITY - %: 20%
TOTAL LOAD - KVA: 254.3
TOTAL CONNECTED LOAD: 252.1
TOTAL LOAD - AMPS: 306.2

PANEL "HLA" SECT. #1

VOLTS: 480Y/277 PHASE: 3 MOUNTING: SURFACE
MAIN: 125A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "HDPA" MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	OFF./MISC./MEZZ. LTG.	1.70			20	1	A	1	20				SPACE	16
2	OFFICE/MISC. LTG.		1.80		20	1	B	1	20				SPACE	17
3	OFFICE/MISC. LTG.			1.60	20	1	C	1	20				SPACE	18
4	SALLY PORT LTG.	1.10			20	1	A	1	20				SPACE	19
5	GARAGE LTG.		0.90		20	1	B	1	20				SPACE	20
6	SPARE				20	1	C	1	20				SPACE	21
7	BLDG. SIGN	1.00			20	1	A	1	20				SPACE	22
8	BLDG. SIGN		1.00		20	1	B	1	20				SPACE	23
9	BLDG. SIGN			1.00	20	1	C	1	20				SPACE	24
10	SITE LIGHTING	1.20			20	1	A	1	20				SPACE	25
11	SITE LIGHTING		1.40		20	1	B	1	20				SPACE	26
12	SPARE				20	1	C	1	20				SPACE	27
13	SPARE				20	1	A	1	20				SPACE	28
14	SPARE				20	1	B	1	20				SPACE	29
15	SPARE				20	1	C	1	20				SPACE	30

REMARKS:

PANEL "HLA"

TOTAL CONNECTED LOAD - KVA:
TOTAL DEMAND - KVA: 12.7
TOTAL DEMAND - AMPS: 15.3
PHASE A: 5.0
PHASE B: 5.1
PHASE C: 2.6
SPARE CAPACITY - %: 25%
TOTAL LOAD - KVA: 15.9
TOTAL CONNECTED LOAD: 12.7
TOTAL LOAD - AMPS: 19.1

PANEL "LDPA"

VOLTS: 208Y/120 PHASE: 3 MOUNTING: SURFACE
MAIN: 400A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "HDPA" VIA 112.5KVA XFMR. MAIN BREAKER: 400A3P

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	SPACE				100	3	A	3	60				SURGE PROTECTION	2
							B						DEVICE (SPD)	
							C							
3	PANELBOARD "XLAB"	14.00			225	3	A	3	225	14.00			PANELBOARD "XLAA"	4
			14.00				B				14.00			
				14.00			C					14.00		
5	SPARE				225	3	A	3	225				SPACE	6
							B							
							C							
7	SPACE				225	3	A	3	225				SPACE	8
							B							
							C							

REMARKS:

PANEL "LDPA"

TOTAL CONNECTED LOAD - KVA:
TOTAL DEMAND - KVA: 63.0
TOTAL DEMAND - AMPS: 175.1
PHASE A: 28.0
PHASE B: 28.0
PHASE C: 28.0
SPARE CAPACITY - %: 25%
TOTAL LOAD - KVA: 78.8
TOTAL CONNECTED LOAD: 84.0
TOTAL LOAD - AMPS: 218.8

PANEL "XLAA" SECT. #1

VOLTS: 208Y/120 PHASE: 3 MOUNTING: SURFACE
MAIN: 225A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "XLDPA" MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	WAITING RECEPT.	1.00			20	1	A	1	20	1.00			CORR. RECEPT.	22
2	WAITING RECEPT.		1.00		20	1	B	1	20		1.00		TLT. MISC./RECEPT.	23
3	TLT. MISC./RECEPT.			1.00	20	1	C	1	20			1.50	HAND DRYER	24
4	HAND DRYER	1.50			20	1	A	1	20	1.50			HAND DRYER	25
5	HAND DRYER		1.50		20	1	B	1	20		1.00		TLT. MISC./RECEPT.	26
6	TLT. MISC./RECEPT.			1.00	20	1	C	1	20			1.00	JAN. MISC./RECEPT	27
7	REC. OFF. RECEPT.	1.00			20	1	A	1	20	1.00			CORR. RECEPT	28
8	REC. OFF. RECEPT.		1.00		20	1	B	1	20		1.00		INTER. RM. RECEPT	29
9	COPIER RECEPT.			1.50	20	1	C	1	20			1.00	INTER. RM. RECEPT	30
10	OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			CORR. RECEPT	31
11	OFFICE RECEPT.		1.00		20	1	B	1	20		1.00		REC. OFF. RECEPT	32
12	OFFICE RECEPT.			1.00	20	1	C	1	20			1.00	REC. OFF. RECEPT	33
13	CORR. RECEPT.	1.00			20	1	A	1	20	1.00			STOR. RM. RECEPT	34
14	CORR. RECEPT.		1.00		20	1	B	1	20		1.00		CORR. RECEPT	35
15	STOR. RECEPT.			1.00	20	1	C	1	20			1.50	COPIER RECEPT	36
16	OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			OPEN OFF. RECEPT	37
17	OFFICE RECEPT.		1.00		20	1	B	1	20			1.00	OPEN OFF. RECEPT	38
18	MTG. RM. RECEPT.			1.00	20	1	C	1	20			1.50	COPIER RECEPT	39
19	IT OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			OFFICE RECEPT.	40
20	IT OFFICE RECEPT.		1.00		20	1	B	1	20		1.00		OFFICE RECEPT.	41
21	IT OFFICE RECEPT.			1.00	20	1	C	1	20			1.00	OFFICE RECEPT.	42

REMARKS:

PANEL "XLAA" SECT. #2

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
43	LOBBY RECEPT.	1.00			20	1	A	1	20	1.00			SYSTEMS FURNITURE	64
44	OFF. REG. RECEPT.		1.00		20	1	B	1	20		1.00		SYSTEMS FURNITURE	65
45	OFF. REG. RECEPT.			1.00	20	1	C	1	20			1.00	SYSTEMS FURNITURE	66
46	REC. OFF. RECEPT.	1.00			20	1	A	1	20	1.00			SYSTEMS FURNITURE	67
47	COPIER RECEPT.		1.50		20	1	B	1	20		1.00		SYSTEMS FURNITURE	68
48	OFFICE RECEPT.			1.00	20	1	C	1	20			1.00	SYSTEMS FURNITURE	69
49	OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			SYSTEMS FURNITURE	70
50	OFFICE RECEPT.		1.00		20	1	B	1	20		1.00		SYSTEMS FURNITURE	71
51	OFFICE RECEPT.			1.00	20	1	C	1	20			1.00	OPEN OFF. RECEPT.	72
52	OFFICE RECEPT.	1.00			20	1	A	1	20	1.50			MOTORIZED DOOR	73
53	STOR./CORR. RECEPT.		1.00		20	1	B	2	20		1.00		T.B.B. RECEPT.	74
54	OFFICE RECEPT.			1.00	20	1	C					1.00		75
55	OFFICE RECEPT.	1.00			20	1	A	2	20	1.00			T.B.B. RECEPT.	76
56	OFFICE RECEPT.		1.00		20	1	B				1.00			77
57	CORR. RECEPT.			1.00	20	1	C	2	15			0.50	BLOWER UNIT DSS-3	78
58	OFFICE RECEPT.	1.00			20	1	A			0.50				79
59	OFFICE RECEPT.		1.00		20	1	B	2	30		1.54		COND. UNIT DCU-3	80
60	OFFICE RECEPT.			1.00	20	1	C					1.54		81
61	T.B.B. RECEPT	1.00			20	1	A	1	20				SPARE	82
62	T.B.B. RECEPT		1.00		20	1	B	1	20				SPARE	83
63	SPARE				20	1	C	1	20				SPARE	84

REMARKS:

PANEL "XLAA"

TOTAL CONNECTED LOAD - KVA:
TOTAL DEMAND - KVA: 44.3
TOTAL DEMAND - AMPS: 123.2
PHASE A: 28.0
PHASE B: 28.5
PHASE C: 28.0
SPARE CAPACITY - %: 25%
TOTAL LOAD - KVA: 55.4
TOTAL CONNECTED LOAD: 84.6
TOTAL LOAD - AMPS: 154.0

PANEL "XLAB" SECT. #1

VOLTS: 208Y/120 PHASE: 3 MOUNTING: SURFACE
MAIN: 225A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "XLDPA" MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	BREAK RM. RECEPT.	1.00			20	1	A	1	20	1.00			CORR. RECEPT	22
2	BREAK RM. RECEPT.		1.00		20	1	B	1	20		1.00		EXHAUST FANS	23
3	BREAK RM. RECEPT.			1.00	20	1	C	1	20			1.00	MISC. RECEPT.	24
4	KIT. CTR. RECEPT.	1.50			20	1	A	1	20	1.00			STOR./CORR. RECEPT.	25
5	KIT. CTR. RECEPT.		1.50		20	1	B	1	20		1.00		STOR./CORR. RECEPT.	26
6	KIT. CTR. RECEPT.			1.50	20	1	C	1	20			1.00	STOR./CORR. RECEPT.	27
7	MICROWAVE RECEPT.	1.50			20	1	A	1	20	1.50			EVID. REFRIG. RECPT.	28
8	REFRIG. RECEPT.		1.50		20	1	B	1	20		1.00		EVID. OFF. RECEPT.	29
9	MOTORIZED DOOR			1.50	20	1	C	1	20			1.00	EVID. OFF. RECEPT.	30
10	SALLY PORT RECEPT.	1.00			20	1	A	1	20	1.00			EVID. STOR. RECEPT.	31
11	SALLY PORT RECEPT.		1.00		20	1	B	1	20		1.00		EVID. STOR. RECEPT.	32
12	GAS DET. CNTR. PNL.			1.00	20	1	C	1	20			1.00	EXHAUST FANS	33
13	SALLY PORT RECEPT.	1.00			20	1	A	1	20	1.00			CORR. RECEPT	34
14	SALLY PORT RECEPT.		1.00		20	1	B	1	20		1.00		TLT. MISC./RECEPT.	35
15	EXHAUST FANS			1.00	20	1	C	1	20			1.50	HAND DRYER	36
16	MOTORIZED DOOR	1.50			20	1	A	1	20	1.50			HAND DRYER	37
17	SPARE				20	1	B	1	20		1.00		TLT. MISC./RECEPT.	38
18	SPARE				20	1	C	1	20			1.00	TLT. MISC./RECEPT.	39
19	IT WORK RM. RECEPT.	1.00			20	1	A	1	20	1.00			EXHAUST FANS	40
20	IT WORK RM. RECEPT.		1.00		20	1	B	1	20		1.00		CONF. RM. FLR. BOX	41
21	IT WORK RM. RECEPT.			1.00	20	1	C	1	20			1.00	CONF. RM. FLR. BOX	42

REMARKS:

PANEL "XLAB" SECT. #2

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
43	CONF. RM. RECEPT.	1.00			20	1	A	1	20	1.50			GEAR WASHER	64
44	CONF. RM. RECEPT.		1.00		20	1	B	1	20		1.50		GEAR DRYER	65
45	CONF. RM. RECEPT.			1.00	20	1	C	1	20			1.50	EXHAUST FANS	66
46	CONF. RM. RECEPT.	1.00			20	1	A	1	20	1.50			MOTORIZED DOOR	67
47	CONF. RM. RECEPT.		1.00		20	1	B	1	20		1.50		MOTORIZED DOOR	68
48	CONF. RM. RECEPT.			1.00	20	1	C	1	20			1.50	MOTORIZED DOOR	69
49	SPARE				20	1	A	1	20	1.50			MOTORIZED DOOR	70
50	SPARE				20	1	B	2	30		1.50		VEHICLE LIFT	71
51	MEZZ. RECEPT.			1.00	20	1	C					1.50		72
52	GARAGE RECEPT.	1.00			20	1	A	2	15	0.50			BLOWER UNIT DSS-4	73
53	GARAGE RECEPT.		1.00		20	1	B				0.50			74
54	GARAGE RECEPT.			1.00	20	1	C	2	30			1.54	COND. UNIT DCU-4	75
55	GARAGE RECEPT.	1.00			20	1	A			1.54				76
56	GARAGE RECEPT.		1.00		20	1	B	2	15		0.50		BLOWER UNIT DSS-5	77
57	GARAGE RECEPT.			1.00	20	1	C					0.50		78
58	GARAGE RECEPT.	1.00			20	1	A	2	30	1.54			COND. UNIT DCU-5	79
59	GARAGE RECEPT.		1.00		20	1	B				1.54			80
60	GARAGE RECEPT.			1.00	20	1	C	1	20				SPARE	81
61	STOR. RECEPT.	1.00			20	1	A	1	20				SPARE	82
62	STOR. RECEPT.		1.00		20	1	B	1	20				SPARE	83
63	CASCADE RM. RECPT.			1.00	20	1	C	1	20				SPARE	84

REMARKS:

PANEL "XLAB"

PANEL "XHDPB"

VOLTS: 480Y/277 PHASE: 3 MOUNTING: SURFACE
MAIN: 400A WIRE: 4 K.A.I.C: 35
NEUTRAL: 100% FED FROM: PANELBOARD "XHDPA" & ENG. GEN. #2 VIA ATS-B MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	SURGE PROTECTION				60	3	A	3	100				SPACE	2
	DEVICE (SPD)						B							
							C							
3	ROOF TOP UNIT RTU-3	20.37			90	3	A	3	50	10.00			ELEC. WATER HEATER	4
			20.37				B				10.00		EWH-1	
				20.37			C					10.00		
5	PANELBOARD "XLDPB"	28.00			175	3	A	3	225	21.00			PANELBOARD "XHB"	6
	VIA 112.5 KVA XFMR.		28.00				B				21.00			
				28.00			C					21.00		
7	SPARE				225	3	A	3	225				SPACE	8
							B							
							C							

REMARKS:

PANEL "XHDPB"

TOTAL CONNECTED LOAD - KVA:		TOTAL DEMAND - KVA:	195.1
		TOTAL DEMAND - AMPS:	234.9
PHASE A:	79.4		
PHASE B:	79.4	SPARE CAPACITY - %:	25%
PHASE C:	79.4		
		TOTAL LOAD - KVA:	243.8
TOTAL CONNECTED LOAD:	238.1	TOTAL LOAD - AMPS:	293.6

PANEL "XHB" SECT. #1

VOLTS: 480Y/277 PHASE: 3 MOUNTING: SURFACE
MAIN: 225A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "XHDPB" MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	CORR./MISC./TLT. LTG.	0.80			20	1	A	3	20	3.00			VAV TERM. UNITS	16
2	SIT./WEATHER LTG.		0.60		20	1	B				3.00		3.12, 3.13, 3.14	
3	DISP./SERVER LTG.			0.80	20	1	C					3.00		
4	OFFICE/MISC. LTG.	1.20			20	1	A	3	20	2.33			VAV TERM. UNITS	17
5	TRAINING LTG.		0.80		20	1	B				2.33		3.06, 3.08, 3.10	
6	TRAINING LTG.			0.80	20	1	C					2.33		
7	SPARE				20	1	A	3	20	2.83			VAV TERM. UNIT 3.03	18
8	SPARE				20	1	B				2.83			
9	SPARE				20	1	C					2.83		
10	VAV 3.01, 3.02	2.00			20	1	A	3	20	3.00			VAV TERM. UNIT 3.04	19
11	VAV 3.09, 3.11		2.00		20	1	B				3.00			
12	VAV TERM. UNIT 3.07			1.50	20	1	C					3.00		
13	VAV TERM. UNITS	3.33			20	3	A	3	20	2.66			VAV TERM. UNIT 3.05	20
	3.16, 3.18,3.19		3.33				B				2.66			
				3.33			C					2.66		
14	VAV TERM. UNIT 3.17	2.33			20	3	A	3	20	1.67			ELEC. WATER HEATER	21
			2.33				B				1.67		EWH-2	
				2.33			C					1.67		
15	VAV TERM.UNIT 3.15	2.33			20	3	A	3	20				SPARE	22
			2.33				B							
				2.33			C							

REMARKS:

PANEL "XHB"

TOTAL CONNECTED LOAD - KVA:		TOTAL DEMAND - KVA:	63.2
		TOTAL DEMAND - AMPS:	76.1
PHASE A:	27.5		
PHASE B:	26.9	SPARE CAPACITY - %:	25%
PHASE C:	26.6		
		TOTAL LOAD - KVA:	79.0
TOTAL CONNECTED LOAD:	80.9	TOTAL LOAD - AMPS:	95.1

PANEL "XLDPB"

VOLTS: 208Y/120 PHASE: 3 MOUNTING: SURFACE
MAIN: 400A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "XHDPB" VIA 112.5KVA XFMR. MAIN BREAKER: 400A3P

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	BLOWER UNIT DSS-1	0.25			15	2	A	2	15	0.25			BLOWER UNIT DSS-2	2
			0.25				B				0.25			
3	H.P. COND. UNIT CU-1			2.03	40	2	C	2	40			20.30	H.P. COND. UNIT CU-2	4
		2.03					A			2.03				
5	SPARE				15	2	B	2	50				SPARE	6
							C							
7	SURGE PROTECTION				60	3	A	3	100				SPACE	8
	DEVICE (SPD)						B							
							C							
9	PANELBOARD "XLBA"	17.00			225	3	A	3	225	18.00			PANELBOARD "XLBB"	10
			17.00				B				16.00			
				17.00			C					16.00		
11	SPARE				225	3	A	3	225				SPACE	12
							B							
							C							

REMARKS:

PANEL "XLDPB"

TOTAL CONNECTED LOAD - KVA:		TOTAL DEMAND - KVA:	101.6
		TOTAL DEMAND - AMPS:	282.5
PHASE A:	37.6		
PHASE B:	33.5	SPARE CAPACITY - %:	25%
PHASE C:	55.3		
		TOTAL LOAD - KVA:	127.1
TOTAL CONNECTED LOAD:	126.4	TOTAL LOAD - AMPS:	353.1

PANEL "XLBA" SECT. #1

VOLTS: 208Y/120 PHASE: 3 MOUNTING: SURFACE
MAIN: 225A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "XLDPB" MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	ELEC./DATA RECEPT.	1.00			20	1	A	1	20	1.00			TRAINING RM. RECEPT.	22
2	T.B.B. RECEPT.		1.00		20	1	B	1	20		1.00		WEATHER RM. RECPT.	23
3	T.B.B. RECEPT.			1.00	20	1	C	1	20			1.00	WEATHER RM. RECPT.	24
4	EMS PANEL	1.00			20	1	A	1	20	1.00			FIRE SUPP. CNTL. PNL.	25
5	TLT. MISC./RECEPT.		1.00		20	1	B	1	20		1.00		SERV. RM. RECEPT.	26
6	HAND DRYER			1.50	20	1	C	1	20			1.00	SERV. RM. RECEPT.	27
7	CORR. RECEPT.	1.00			20	1	A	1	20	1.00			SERV. RM. RECEPT.	28
8	MOTORIZED SCREEN		1.00		20	1	B	1	20		1.00		SERV. RM. RECEPT.	29
9	PROJECTOR			1.00	20	1	C	1	20			1.00	SERV. RM. RECEPT.	30
10	SIT. RM. RECEPT.	1.00			20	1	A	1	20	1.00			SERV. RM. RECEPT.	31
11	SIT. RM. RECEPT.		1.00		20	1	B	1	20		1.00		SERV. RM. RECEPT.	32
12	SIT. RM. RECEPT.			1.00	20	1	C	1	20			1.00	SERV. RM. RECEPT.	33
13	SIT. RM. RECEPT.	1.00			20	1	A	1	20	1.00			SERV. RM. RECEPT.	34
14	SIT. RM. RECEPT.		1.00		20	1	B	1	20		1.00		SERV. RM. RECEPT.	35
15	SIT. RM. RECEPT.			1.00	20	1	C	1	20			1.00	SERV. RM. RECEPT.	36
16	SIT. RM. RECEPT.	1.00			20	1	A	1	20	1.00			DISPATCH RECEPT.	37
17	SIT. RM. RECEPT.		1.00		20	1	B	1	20		1.00		DISPATCH RECEPT.	38
18	SIT. RM. RECEPT.			1.00	20	1	C	1	20			1.00	DISPATCH RECEPT.	39
19	WEATHER RM. RECPT.	1.00			20	1	A	1	20	1.00			DISPATCH RECEPT.	40
20	WEATHER RM. RECPT.		1.00		20	1	B	1	20		1.00		DISPATCH RECEPT.	41
21	WEATHER RM. RECPT.			1.00	20	1	C	1	20			1.00	DISPATCH RECEPT.	42

REMARKS:

PANEL "XLBA" SECT. #2

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
43	DISPATCH RECEPT.	1.00			20	1	A	2	20	1.50			SERVER RM. RECEPT.	64
44	DISPATCH RECEPT.		1.00		20	1	B				1.50			65
45	DISPATCH RECEPT.			1.00	20	1	C	2	20			1.50	SERVER RM. RECEPT.	66
46	DISPATCH RECEPT.	1.00			20	1	A			1.50				67
47	DISPATCH RECEPT.		1.00		20	1	B	2	20		1.50		SERVER RM. RECEPT.	68
48	DISPATCH RECEPT.			1.00	20	1	C					1.50		69
49	DISPATCH RECEPT.	1.00			20	1	A	2	20	1.50			SERVER RM. RECEPT.	70
50	DISPATCH RECEPT.		1.00		20	1	B				1.50			71
51	DISPATCH RECEPT.			1.00	20	1	C	2	20			1.50	SERVER RM. RECEPT.	72
52	SPARE				20	1	A			1.50				73
53	SPARE				20	1	B	2	20		1.50		SERVER RM. RECEPT.	74
54	SPARE				20	1	C					1.50		75
55	SPARE				20	1	A	2	20	1.50			DISPATCH RECEPT.	76
56	SPARE				20	1	B				1.50			77
57	SPARE				20	1	C	2	20			1.50	DISPATCH RECEPT.	78
58	SPARE				20	1	A			1.50				79
59	SPARE				20	1	B	2	20		1.50		DISPATCH RECEPT.	80
60	SMOKE DAMPER			0.50	20	1	C					1.50		81
61	SMOKE DAMPER	0.50			20	1	A	2	20	1.50			DISPATCH RECEPT.	82
62	T.B.B. RECEPT.		1.00		20	2	B				1.50			83
63				1.00			C	1					SPACE	84

REMARKS:

PANEL "XLBA"

TOTAL CONNECTED LOAD - KVA:		TOTAL DEMAND - KVA:	49.8
		TOTAL DEMAND - AMPS:	138.3
PHASE A:	28.0		
PHASE B:	28.5	SPARE CAPACITY - %:	25%
PHASE C:	28.0		
		TOTAL LOAD - KVA:	62.2
TOTAL CONNECTED LOAD:	84.5	TOTAL LOAD - AMPS:	172.8

PANEL "XLBB" SECT. #1

VOLTS: 208Y/120 PHASE: 3 MOUNTING: SURFACE
MAIN: 225A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: PANELBOARD "XLDPB" MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	WAITING RM. RECEPT.	1.00			20	1	A	1	20	1.00			TRAINING RM. RECEPT.	22
2	REC. OFFICE RECEPT.		1.00		20	1	B	1	20		1.00		TRAINING RM. RECEPT.	23
3	COPIER RECEPT.			1.50	20	1	C	1	20			1.00	TRAINING RM. RECEPT.	24
4	OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			TRAINING RM. RECEPT.	25
5	OFFICE RECEPT.		1.00		20	1	B	1	20		1.00		TRAINING RM. RECEPT.	26
6	CORR. RECEPT.			1.00	20	1	C	1	20			1.00	TRAINING RM. RECEPT.	27
7	OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			MOTORIZED SCREEN	28
8	OFFICE RECEPT.		1.00		20	1	B	1	20		1.00		PROJECTOR	29
9	OFFICE RECEPT.			1.00	20	1	C	1	20				SPARE	30
10	OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			TRAINING RM. RECEPT.	31
11	OFFICE RECEPT.		1.00		20	1	B	1	20		1.00		TRAINING RM. RECEPT.	32
12	JAN. MISC./RECEPT.			1.00	20	1	C	1	20			1.00	TRAINING RM. RECEPT.	33
13	OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			TRAINING RM. RECEPT.	34
14	TLT. MISC./RECEPT.		1.00		20	1	B	1	20		1.00		TRAINING RM. RECEPT.	35
15	TLT. MISC./RECEPT.			1.00	20	1	C	1	20			1.00	TRAINING RM. RECEPT.	36
16	HAND DRYER	1.50			20	1	A	1	20	1.00			MOTORIZED SCREEN	37
17	HAND DRYER		1.50		20	1	B	1	20		1.00		PROJECTOR	38
18	CORR. RECEPT.			1.00	20	1	C	1	20				SPARE	39
19	SPARE				20	1	A	1	20	1.00			LOUNGE RECEPT.	40
20	SPARE				20	1	B	1	20		1.00		LOUNGE RECEPT.	41
21	SPARE				20	1	C	1	20			1.00	STOR. RM. RECEPT.	42

REMARKS:

PANEL "XLBB" SECT. #2

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
43	BRK. RM. RECEPT.	1.00			20	1	A	1	20	1.00			BREAK RM. RECEPT.	64
44	BUNK RM. RECEPT.		1.00		20	1	B	1	20		1.00		BREAK RM. RECEPT.	65
45	BUNK RM. RECEPT.			1.00	20	1	C	1	20			1.50	REFRIG. RECEPT.	66
46	REFRIG. RECEPT.	1.50			20	1	A	1	20	1.50			KIT. CTR. RECEPT.	67
47	KIT. CTR. RECEPT.		1.50		20	1	B	1	20			1.50	KIT. CTR. RECEPT.	68
48	KIT. CTR. RECEPT.			1.50	20	1	C	1	20			1.50	ICE MACH. RECEPT.	69
49	MICROWAVE	1.50			20	1	A	1	20				SPACE	70
50	VENDING MACH.		1.50		20	1	B	1	20				SPACE	71
51	VENDING MACH.			1.50	20	1	C	1	20				SPACE	72
52	CORR. RECEPT.				20	1	A	1	20				SPACE	73
53	WASHING MACHINE				20	1	B	1	20				SPACE	74
54	SPARE				20	1	C	1	20				SPACE	75
55	SPARE				20	1	A	1	20				SPACE	76
56	SPARE				20	1	B	1	20				SPACE	77
57	SPARE				20	1	C	1	20				SPACE	78
58	CLOTHES DRYER	2.50			30	2	A	1	20				SPACE	79
59			2.50				B	1	20				SPACE	80
60	ELEC. RANGE			4.00	50	2	C	1	20				SPACE	81
61		4.00					A	1	20				SPACE	82
62	ELEC. RANGE		4.00		50	2	B	1	20				SPACE	83
63				4.00			C	1	20				SPACE	84

REMARKS:

PANEL "XLBB"

TOTAL CONNECTED LOAD - KVA:		TOTAL DEMAND - KVA:	48.5
		TOTAL DEMAND - AMPS:	134.8
PHASE A:	26.5		
PHASE B:	26.5	SPARE CAPACITY - %:	25%
PHASE C:	26.5		
		TOTAL LOAD - KVA:	60.6
TOTAL CONNECTED LOAD:	79.5	TOTAL LOAD - AMPS:	168.5

EQUIPMENT ELECTRICAL SERVICE SCHEDULE

MARK NO.	EQUIPMENT DESCRIPTION	VOLTS/ PHASE	FLA (A)	MCA	MOCP	RATING SIZE	RATING UNITS	CIRCUIT (PNL - NO.)	BRANCH CIRCUIT (1) CONDUCTORS	BRANCH CIRCUIT (1) CONDUIT(S)	DISC. SW./ FUSE (2)	NOTES
RTU-1	ROOF TOP A/C UNIT	480/3	104.5	119.2	150.0	50.0	TON	XHDPA-3	(3)#1, (1)#6(G)	(1) - 1 1/2"	W/EQUIP	ROOF
RTU-2	ROOF TOP A/C UNIT	480/3	33.8	43.5	50.0	15.0	TON	HC-15	(3)#6, (1)#10(G)	(1) - 1"	W/EQUIP	ROOF
RTU-3	ROOF TOP A/C UNIT	480/3	59.6	73.4	90.0	25.0	TON	XHDPB-3	(3)-4, (1)#8(G)	(1) - 1 1/4"	W/EQUIP	ROOF
VAV	VAV TERMINATL UNIT	277				SEE DWG	KW	SEE DWG	(1)-#12, (1)-#12(N), (1)-#12(G)	(1) - 3/4"	20A1P MMS	
VAV	VAV TERMINATL UNIT	480/3				SEE DWG	KW	SEE DWG	(3)-#12, (1)-#12(G)	(1) - 3/4"	20A3P MMS	
CU-1	H.P. CONDENSING UNIT	208/1	19.5	25.0	40.0	3.0	TON	XLDPB-3	(2)-#8, (1)-#10(G)	(1) - 3/4"	60A2P	ROOF
DSS-1	BLOWER UNIT	208/1	1.0	1.3	15.0			XLDPB-1	(2)-#12, (1)-#12(G)	(1) - 3/4"	20A2P MMS	
CU-2	H.P. CONDENSING UNIT	208/1	19.5	25.0	40.0	3.0	TON	XLDPB-4	(2)-#8, (1)-#10(G)	(1) - 3/4"	60A2P	ROOF
DSS-2	BLOWER UNIT	208/1	1.0	1.3	15.0			XLDPB-2	(2)-#12, (1)-#12(G)	(1) - 3/4"	20A2P MMS	
EWH-1	ELEC. WATER HEATER	480/3	36.1	45.2	50.0	30.0	KW	XHDPB-4	(3)-#6, (1)-#10(G)	(1) - 1"	60A3P	
EWH-2	ELEC. WATER HEATER	480/3	6.0	7.5	20.0	5.0	KW	XHB-21	(3)-#12, (1)-#12(G)	(1) - 3/4"	30A3P	
EWH-3	ELEC. WATER HEATER	480/3	6.0	7.5	20.0	5.0	KW	HC-16	(3)-#12, (1)-#12(G)	(1) - 3/4"	30A3P	
EWH-4	ELEC. WATER HEATER	480/3	18.1	22.6	30.0	15.0	KW	XHPA-26	(3)-#10, (1)-#10(G)	(1) - 3/4"	30A3P	
EWH-5	ELEC. WATER HEATER	480/3	6.0	7.5	20.0	5.0	KW	XHPA-25	(3)-#12, (1)-#12(G)	(1) - 3/4"	30A3P	
EUH	ELEC. UNIT HEATER	480/3	6.0	7.5	20.0	5.0	KW	SEE DWG	(3)-#12, (1)-#12(G)	(1) - 3/4"	30A3P	
AC-1	AIR COMPRESSOR	480/3	14.0	17.5	20.0	10.0	HP	XHPA-23	(3)-#10, (1)-#10(G)	(1) - 3/4"	30A3P	
CASC	CASCADE MACHINE	480/3	14.0	17.5	20.0	10.0	HP	XHPA-24	(3)-#10, (1)-#10(G)	(1) - 3/4"	30A3P	
LIFT	VEHICLE LIFT	208/1	15.0	18.8	30.0	2.0	HP	XLAB-71	(2)-#10, (1)-#10(G)	(1) - 3/4"	30A2P	
CU-3	H.P. CONDENSING UNIT	208/1	14.8	19.0	30.0	2.0	TON	XLAA-80	(2)-#10, (1)-#10(G)	(1) - 3/4"	30A2P	ROOF
DSS-3	BLOWER UNIT	208/1	0.5					XLAA-78	(2)-#12, (1)-#12(G)	(1) - 3/4"	20A2P MMS	
CU-4	H.P. CONDENSING UNIT	208/1	14.8	19.0	30.0	2.0	TON	XLAB-75	(2)-#10, (1)-#10(G)	(1) - 3/4"	30A2P	ROOF
DSS-4	BLOWER UNIT	208/1	0.5					XLAB-73	(2)-#12, (1)-#12(G)	(1) - 3/4"	20A2P MMS	
CU-5	H.P. CONDENSING UNIT	208/1	14.8	19.0	30.0	2.0	TON	XLAB-79	(2)-#10, (1)-#10(G)	(1) - 3/4"	30A2P	ROOF
DSS-5	BLOWER UNIT	208/1	0.5					XLAB-77	(2)-#12, (1)-#12(G)	(1) - 3/4"	20A2P MMS	
RTU-3A	ROOF TOP A/C UNIT	480/3		63.2	70.0	10.0	TON	MHDP-3	(3)-#4, (1)#8(G)	(1)-1 1/4"	W/EQUIP	ROOF
RTU-4	ROOF TOP A/C UNIT	480/3		32.0	35.0	4.0	TON	XHPA-29	(3)-#8, (1)-#10(G)	(1) - 3/4"	W/EQUIP	ROOF
RTU-5	ROOF TOP A/C UNIT	480/3		32.0	35.0	4.0	TON	XHPA-30	(3)-#8, (1)-#10(G)	(1) - 3/4"	W/EQUIP	ROOF

PANEL "HC" SECT. #1

VOLTS: 480Y/277 PHASE: 3 MOUNTING: SURFACE
MAIN: 225A WIRE: 4 K.A.I.C: 22
NEUTRAL: 100% FED FROM: ELEC. SVCE. PANEL "MHDP" MAIN BREAKER: 225A3P

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	WAITING LTG.	0.90			20	1	A	3	50	9.00			PANELBOARD "LC"	14
2	CORR./MISC./TLT. LTG.		1.40		20	1	B				9.00		VIA 30KVA XFMR.	
3	OFFICE LTG.			1.20	20	1	C					9.00		
4	SPARE				20	1	A	3	50	12.00			ROOF-TOP-UNIT	15
5	SPARE				20	1	B				12.00		RTU-2	
6	SPARE				20	1	C					12.00		
7	VAV TERM. UNIT 2.06	1.50			20	1	A	3	20	1.67			ELEC. WATER HEATER	16
8	SPARE				20	1	B				1.67		EWH-3	
9	SPARE				20	1	C					1.67		
10	VAV TERM. UNITS	3.67			20	3	A	3	50				SPARE	17
	2.01, 2.03		3.67				B							
				3.67			C							
11	VAV TERM. UNITS	3.33			20	3	A	3	20				SPARE	18
	2.02, 2.04		3.33				B							
				3.33			C							
12	VAV TERM. UNITS	3.33			20	3	A	3					SPACE	19
	2.07, 2.08, 2.09		3.33				B							
				3.33			C							
13	VAV TERM. UNITS	2.83			20	3	A	3					SPACE	20
	2.10, 2.11, 2.12		2.83				B							
				2.83			C							

REMARKS:

PANEL "HC"

TOTAL CONNECTED LOAD - KVA:		TOTAL DEMAND - KVA:	102.2
		TOTAL DEMAND - AMPS:	123.1
PHASE A:	38.2		
PHASE B:	37.2	SPARE CAPACITY - %:	25%
PHASE C:	37.0		
		TOTAL LOAD - KVA:	127.8
TOTAL CONNECTED LOAD:	112.5	TOTAL LOAD - AMPS:	153.9

PANEL "LC" SECT. #1

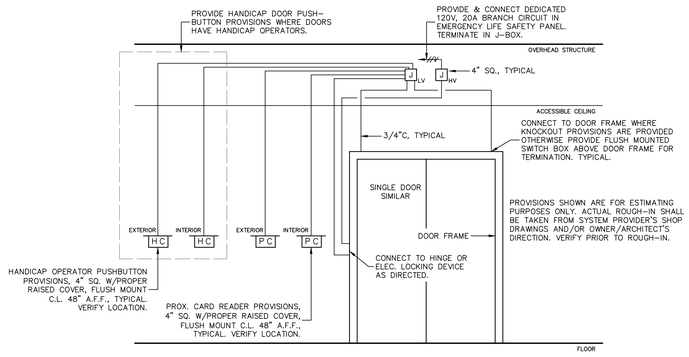
VOLTS: 208Y/120 PHASE: 3 MOUNTING: SURFACE
MAIN: 125A WIRE: 4 K.A.I.C: 10
NEUTRAL: 100% FED FROM: MAIN BREAKER: NONE

CKT. NO.	LOAD DESCRIPTION	KVA PH. A	KVA PH. B	KVA PH. C	BREAKER AMPS	BREAKER POLES	PH	BREAKER POLES	BREAKER AMPS	KVA PH. A	KVA PH. B	KVA PH. C	LOAD DESCRIPTION	CKT. NO.
1	WAITING RM. RECEPT.	1.00			20	1	A	1	20	1.50			COPIER RECEPT.	16
2	WAITING RM. RECEPT.		1.00		20	1	B	1	20		1.00		WK. CTR. RECEPT.	17
3	WAITING RM. RECEPT.			1.00	20	1	C	1	20			1.00	FILE RM. RECEPT.	18
4	PUBLIC TLT. RECEPT.	1.00			20	1	A	1	20	1.00			OFFICE RECEPT.	19
5	HAND DRYER		1.50		20	1	B	1	20		1.00		CONF. RM. RECEPT.	20
6	HAND DRYER			1.50	20	1	C	1	20			1.00	CONF. RM. RECEPT.	21
7	PUBLIC TLT. RECEPT.	1.00			20	1	A	1	20	1.00			JAN. MISC./RECEPT.	22
8	MOTORIZED DOOR		1.50		20	1	B	1	20		1.00		CORR. RECEPT.	23
9	SPARE				20	1	C	1	20			1.00	STAFF TLT. RECEPT.	24
10	CORR. RECEPT.	1.00			20	1	A	1	20	1.50			HAND DRYER	25
11	REC. OFFICE RECEPT.		1.00		20	1	B	1	20		1.50		HAND DRYER	26
12	REC. OFFICE RECEPT.			1.00	20	1	C	1	20			1.00	STAFF TLT. RECEPT.	27
13	OFFICE RECEPT.	1.00			20	1	A	1	20	1.00			BREAK RM. RECEPT.	28
14	OFFICE RECEPT.		1.00		20	1	B	1	20		1.50		REFRIG. RECEPT.	29
15	MISC./CORR. RECEPT.			1.00	20	1	C	1	20			1.50	BREAK RM. RECEPT.	30

REMARKS:

PANEL "LC" SECT. #2

| CKT. NO. | LOAD DESCRIPTION | KVA PH. A | KVA PH. B | KVA PH. C |



DOOR ACCESS CONTROL SYSTEM PROVISIONS

SYMBOL "ACS" - TYPICAL

NO SCALE

CIRCUITRY NOTE:

BRANCH CIRCUIT HOMERUNS ARE SHOWN TO IDENTIFY CIRCUITRY. CONDUITS AND/OR NUMBER OF CONDUCTORS ARE SHOWN FOR HOMERUNS AND SPECIAL CIRCUITRY ONLY. CONDUITS ARE SHOWN FOR LIGHTING CIRCUITS TO INDICATE SWITCHING. NORMAL BRANCH CIRCUIT CONDUCTORS TO BE DETERMINED AS FOLLOWS:

ONE CONDUCTOR FOR EACH PHASE.
ONE CONDUCTOR FOR EACH NEUTRAL.
ONE CONDUCTOR FOR EACH SWITCHLEG.
ONE CONDUCTOR FOR EACH GROUND.
ONE CONDUCTOR FOR EACH BATTERY CHARGER ON APPLICABLE FIXTURES.
TWO CONDUCTORS FOR THREE- AND FOUR-WAY SWITCHING

ALL BRANCH CIRCUITS SHALL CONTAIN GROUND WIRE.

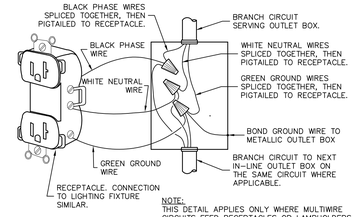
ALL BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTOR.

ALL CONDUITS SHALL BE ROUTED CONCEALED UNLESS SPECIFICALLY NOTED AND/OR SHOWN BY SYMBOLS ON THE DRAWINGS OTHERWISE.

BRANCH CIRCUIT(S) FOR EACH FIXTURE/DEVICE SHALL BE DETERMINED FROM CIRCUIT NUMBER AND PANEL DESIGNATION SHOWN AT EACH SYMBOL.

A — CIRCUIT NUMBER
82 — PANEL DESIGNATION LETTER(S). SEE PNL. DESIGNATION LEGEND.

C3 — CIRCUIT NUMBER
PANEL DESIGNATION LETTER(S). SEE PNL. DESIGNATION LEGEND.

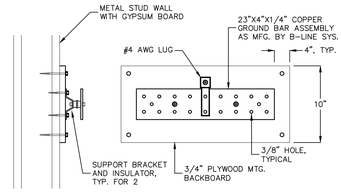


NOTE:
THIS DETAIL APPLIES ONLY WHERE MULTIWIRE CIRCUITS FEED RECEPTACLES OR LAMPHOLDERS. IT DOES NOT APPLY TO CIRCUITS WITHOUT A NEUTRAL OR TWO WIRE CIRCUITS.

TYPICAL MULTIWIRE BRANCH CIRCUIT

CONNECTION DIAGRAM

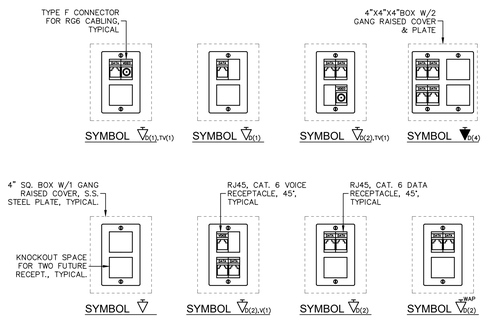
NOT TO SCALE



TELECOMM. ROOM

GROUND BAR DETAIL

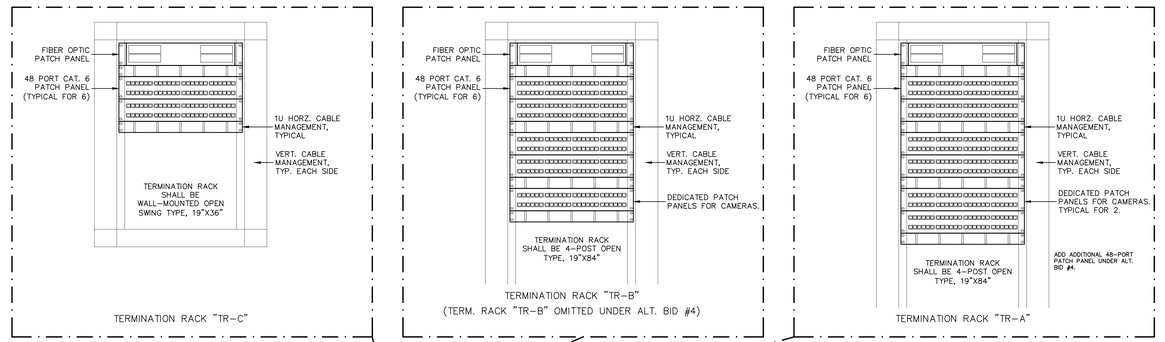
NO SCALE

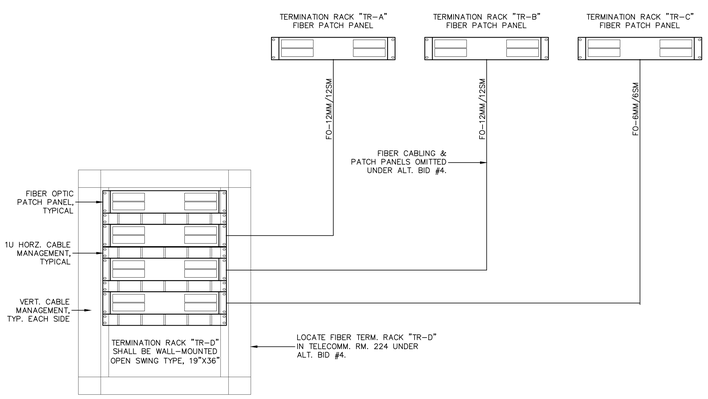


HORIZONTAL TELECOMMUNICATION CABLING SYSTEM

TYPICAL OUTLET DETAILS

NO SCALE

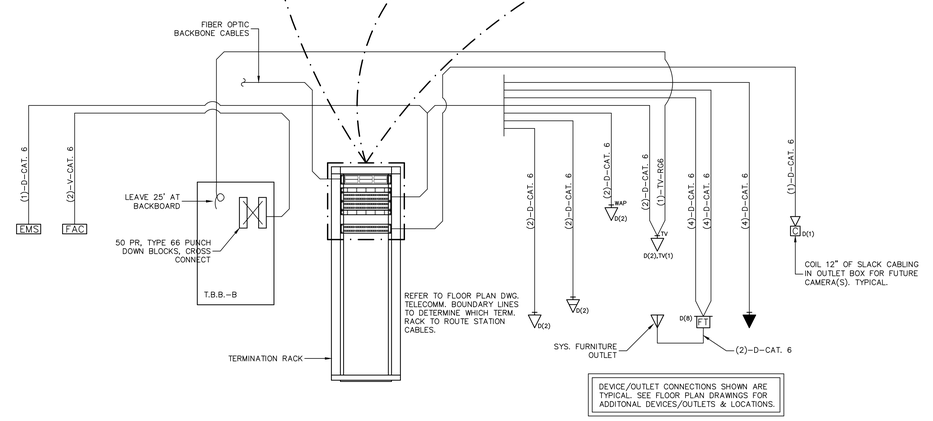




TELECOMM. CABLING SYSTEM

FIBER OPTIC BACKBONE SCHEMATIC RISER DIAGRAM

NO SCALE



DEVICE/OUTLET CONNECTIONS SHOWN ARE TYPICAL. SEE FLOOR PLAN DRAWINGS FOR ADDITONAL DEVICES/OUTLETS & LOCATIONS.

TELECOMM. HORIZONTAL CABLING SYSTEM

SCHEMATIC WIRING DIAGRAM

NO SCALE

LPK architects

LPK ARCHITECTS, P.A.
Robert E. Luke, Architect

921 22ND AVENUE P.O. BOX 830
MERIDIAN, MISSISSIPPI 39302
P. 601.693.6343
F. 601.693.6344

These documents are the sole property of LPK Architects P.A. and are not to reused. Any unauthorized reproduction or publication of these documents by LPK Architects P.A. will result in all sundries and responsibilities for the entire project becoming null and void.

copyright 2021 LPK Architects, P.A.

PROJECT INFORMATION

PROJECT:

PROJECT ADDRESS:

KEY PLAN

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

SEAL

JOHN M. WYNNE REGISTERED PROFESSIONAL ENGINEER #11869 STATE OF MISSISSIPPI

03/18/2021

REVISIONS/SUBMISSIONS

NO.	DATE	DESCRIPTION
1	04/26/2021	ADDENDUM #2

SHEET TITLE

Telecomm. Wiring Diagram & Details

Schultz & Wynne
Consulting Electrical Engineers
A PROFESSIONAL ASSOCIATION
4523 Office Park Drive, Jackson, MS 39206
Post Office Box 16074, Jackson, MS 39236
TEL. 601-982-3313 FAX. 601-982-7685
S/W JOB NO. 220075

PROJECT NO.: 19-4894B
SHEET ISSUED:
DRAWN BY:
REVIEWED BY:
SHEET NO.

E-401R