

ADDENDUM TO BIDDING DOCUMENTS

FSU Parking Deck

Project No. 22303.00

Date: April 9, 2025

Re: Addendum #1

General: This Addendum is issued to clarify and/or modify the previously issued Bid documents and is hereby made part of the Bid Documents. All requirements of the Bid Documents not modified herein shall remain in full force and effect as originally set forth. Please attach this Addendum to the Documents in your possession and acknowledge receipt thereof in the space provided on the Proposal agreement.

New specification language has been underlined. Removed specification language has been struck through.



333 Liggett Street
Durham, NC 27701
919.688.5133
dudapaine.com

1. All Questions must be submitted to Amanda Hammond ahammond@dudapaine.com, no later than 12noon on April 14th, 2025. Final Addendum will be issued on April 16th, 2025 by 3pm.
2. The Official Bid date is April 23th, 2024 at 3pm at Fayetteville State University, Attn: Harold Miller, Planning and Construction, FSU Business HUB 1073 Murchison Road, Fayetteville, NC 28301.
3. Project Manual:
 - a. Revise section 00 0108-Newspaper Advertisement to Correct date of April 23rd 2025.
 - b. Revised section 00 0110-Table of Contents to remove section 26 2653 – Electric Vehicle Charging Equipment
4. Bidder Questions:
 - a. Question 1: I may have missed it, however do you have details on the EV chargers as well?
 - i. Answer: EV Chargers are owner-provided.
 - b. Question 2: Please advise if this project includes the installation of a solar PV system. If so, can you please share the necessary documents with us so that we can participate in the bidding process for this project?
 - i. Answer: There are no PV panels in the FSU Parking Deck Project.



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- c. Question 3: Any chance you guys have a list of GCs bidding on the job?
 - i. Answer: See attached plan holder list.
- d. Question 4: I don't know how to bid the job. Do you know who the GC is? Is it a public job (CM @ Risk?)? Could you at least confirm that we would still be able to bid (prequalify?) at this point?
 - i. Answer: It is a public job. Bidding is for the selection of a GC.
- e. Question 5: How is the project funded?
 - i. Answer: By State on North Carolina.
- f. Question 6: Will FSU be requiring site visits prior to work continuing. What kind of monitoring?
 - i. Answer: Weekly site visit of the Architect and Design Team to report issues outlined from each visit, typical inspections by SCO monitor including electrical, sprinklers, fire protection, etc., FSU will also provide site observation.
- g. Question 7: What is the state budget?
 - i. Answer: Construction target is 8.1M with 1M in approved flex funds.
- h. Question 8: Is there a consideration for cast-in-place concrete?
 - i. Answer: No, but we are open to a proposal.
- i. Question 9: What is owner furnished?
 - i. Answer: EV Chargers and Transformer
- j. Question 10: How long from bid day to notice to proceed?
 - i. Answer: It will go through the standard state process.
- k. Question 11: Do you have the bid docs for this opportunity: FSU Parking Deck Project
 - i. Answer: All Bid Documents and forms are located in located here: <https://dudapainearchitects.sharefile.com/d-sb8986a0b15fb435dbb3f3dd4ecdaac90>
- l. Question 12: Is division 28 (security) listed on this project?
 - i. Answer: Division 28 is not included in the project
- m. Question 13: We would like to request, 1. Complete bid specifications and scope of work. 2. Submission requirements and deadlines. 3. Any addenda or amendments related to the bid. 4. Contact information for further inquiries, if necessary.
 - i. Answer: All Bid Documents and forms are located in located here: <https://dudapainearchitects.sharefile.com/d-sb8986a0b15fb435dbb3f3dd4ecdaac90>

The Official Bid date is April 23th , 2024 at 3pm at Fayetteville State University, Attn: Harold Miller, Planning and Construction, FSU Business HUB 1073 Murchison Road, Fayetteville, NC 28301.

This is the first Addendum at this time. For all inquiries, please contact Amanda Hammond ahammond@dudapaine.com.

- n. Question 14: Is there an estimated budget? Is there a plan holders list? Is there a start and End date available?
 - i. Answer: Construction target is 8.1M with 1M in approved flex funds. Plan holder list included in addendum 1. Start date is as soon at the State Construction Office process will allow. Estimated completion is July 17, 2026.
- o. Question 15: Please send us an updated planholders/bidders list so we can update our database with the most current information available. Please also let us know if there are any changes to the bid date. Dodge currently has 0 addenda. If there have been any additional addenda, if you could please also send those to us as well it would be greatly appreciated.
 - i. Answer: Attached is the updated Plan holders list and this is the first Addendum released.



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5. Attachments:

- a. Pre-bid Attendee List
- b. Plan Holder List
- c. Project Manual Specification Sections:
 - i. 00 0108-Newspaper Advertisement- update date of the bid
 - ii. 00 0110-Table of Contents – Removed section 26 2653 – Electric Vehicle Charging Equipment

End of Document

SCO # 2326220-02-A

FSU Pre-Bid Meeting Sign-In Sheet

April 8th, 2025 2pm

Company Name	Individuals Name	Email Address
Swinerton Builders	Steve Raper and Kwizera Josephat	Steve.raper@swinerton.com
JM Thompson	Jeff Stain	jstain@jnthompson.com
M&E Contracting, Inc	Ryan Maroney	Ryan@m-eci.com
Kevin K Jacobs GENERAL CONTRACTING Inc	KEVIN JACOBS	info@kkjgc.com
Fayetteville State University	Joshua McLain	jmclain2@uncfsu.edu
FSU	Harold Miller	hmliller1@uncfsu.edu
FSU	Brad Gwen	bgwyn1@uncfsu.edu



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FSU Plan Holders List

Organization Name-Individual Name	Email address
UES - Sanders Howell	showell@teamues.com
Watertight Systems, Inc. - Andy Price	andy@watertightsystems.com
Stone Restoration of America - CJ Reed	creed@stoneres.com
Minuteman Security & Life Safety - Sloane Belue	sbelue@minutemanst.com
Minuteman Security & Life Safety - Howar Hutchinson	hhutchinson@minutemanst.com
Restocon - Jonathan Croft	jcroft@restocon.com
Restocon - Jeromy Magill	jmagill@restocon.com
Construction Connect - Marie San Juan	Marie.SanJuan@constructconnect.com
Allied Solutions Enterprise - Jason Collier	contracts@alliedsolutionenterprise.com
M-R Electric & Security Alarms, Inc. - Jacqueline Maynor	jlmrelec@nc.rr.com
Kevin K. Jacobs General Contracting, Inc. - Kevin	info@kkjgc.com
NovaTech - Sandy Jenkins	sjenkins@novatechnologiesgrp.com
Triangle Lighting Solutions - Tom Salter	Tom@TriangleLightingSolutions.com
PWX Press - Mary Miller	bids@pwxpress.com
Swinerton - Kyle Bailey	kyle.bailey@swinerton.com
Dodge Construction Network - Anne Therese Abad	Anne.Abad@construction.com
The Innovation Contracting Group, LLC - Karina Morel	kmorel@icg-usa.com
8M Solar - Faseeh Hadeed	f.hadeed@8msolar.com
Central Concrete - Andrew Sousa	andrew@centralconcretenc.com
Duke McGinnis - Camilla Hester	cnryan875@gmail.com
Contracting Specialists Incorporated - Caroline Woodard	caroline@contractingspecialists.com
JM Thompson - Jeffrey Stain	jstain@jonthompson.com
JM Thompson - Brian Armstrong	barmstrong@jonthompson.com
JM Thompson - Mark Abbott	mabbott@jonthompson.com
JM Thompson - Ken Garrard	kgerrard@jonthompson.com
Performance Glass, Inc. - Lewis Fisher	lewis@performanceglassinc.com
Construction Connect - Eric France	Erica.France@ConstructConnect.com
Keller - Mary Susan Jackson	Mary-Susan.Jackson@keller-na.com
Swinerton Builders	Steve.raper@swinerton.com
JM Thompson	jstain@jonthompson.com
M&E Contracting, Inc	Ryan@m-eci.com
Kevin K Jacobs GENERAL CONTRACTING Inc	Info@kkjgc.com
Dodge Construction Network - Brenda Cusack	brenda.cusack@construction.com
Fayetteville State University - Harold Miller	hmiller1@uncfsu.edu
Fayetteville State University - Brad Gwen	bgwyn1@uncfsu.edu
Fayetteville State University - Joshua McLain	jmclain2@uncfsu.edu



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ADVERTISEMENT FOR BIDS

Sealed proposals will be received until 3:00pm on ~~April 25th, 2025~~ April 23rd, 2025, in Fayetteville State University, Attn: Harold Miller, Planning and Construction FSU Business HUB 1073 Murchison Road, Fayetteville, NC 28301, for the construction of FSU- Parking Deck at which time and place bids will be opened and read.

Complete plans and specifications for this project can be obtained from Duda|Paine Architects, P.A. Electronically during normal office hours.

The state reserves the unqualified right to reject any and all proposals.



Signed: _____

Harold Miller
Fayetteville State University Facilities
Director of Planning & Construction

FSU Parking Deck
Bid Set
Duda|Paine Architects - 22303
SCO ID #: 23-26220-02-A

**SECTION 00 0110
TABLE OF CONTENTS**

PROCUREMENT AND CONTRACTING REQUIREMENTS

1.01 DIVISION 00 -- PROCUREMENT AND CONTRACTING REQUIREMENTS

00 0107 - Seals Page
00 0108 - News Paper Advertisement
00 0109 - Notice to Bidders
00 0110 - Table of Contents
00 0111 - Instructions to Bidders and General Conditions
00 0112 - Supplemental General Conditions
00 0113 - Guidelines for MBE Participation
00 0115 - Subsurface Investigation Report Hazardous, Materials Survey
00 0116 - Statement of Special Inspections
00 0119 - Form of Proposal
00 0120 - MBE Contractors List and Affidavits A-D
00 0121 - Form of Bid Bond
00 0122 - Form of Construction Contract
00 0123 - Form of Performance Bond
00 0124 - Form of Payment Bond
00 0125 - Sheet for Attaching Power of Attorney
00 0126 - Sheet for Attaching Certificates of Insurance
00 0127 - Approval of the Attorney General
00 0128 - Office of State Budget and Management
00 3100 - Available Project Information
00 5000 - Contracting Forms and Supplements
00 6325 - Substitution Request Form - During Construction

SPECIFICATIONS

2.01 DIVISION 01 -- GENERAL REQUIREMENTS

01 1000 - Summary
01 2000 - Price and Payment Procedures
01 2300 - Alternates
01 2500 - Substitution Procedures
01 3000 - Administrative Requirements
01 3114 - Facility Services Coordination
01 3216 - Construction Progress Schedule

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- 01 3329.04 - Material Content Form
- 01 3329.07 - Prohibited Content Installer Certification
- 01 4000 - Quality Requirements
- 01 4100 - Special Inspection Services
- 01 4533 - Code-Required Special Inspections and Procedures
- 01 5000 - Temporary Facilities and Controls
- 01 5719 - Temporary Environmental Controls
- 01 6000 - Product Requirements
- 01 6116 - Volatile Organic Compound (VOC) Content Restrictions
- 01 7000 - Execution and Closeout Requirements
- 01 7419 - Construction Waste Management and Disposal
- 01 7800 - Closeout Submittals
- 01 7900 - Demonstration and Training
- 01 9113 - General Commissioning Requirements
- 01 9114 - Commissioning Authority Responsibilities
- 01 9913 - General Requirements for Divisions 22-28 Work
- 01 9919 - Excavation for Divisions 22-28 Work
- 01 9926 - Owner instruction and Training for Divisions 22-28

2.02 DIVISION 02 -- EXISTING CONDITIONS

- 02 4100 - Demolition

2.03 DIVISION 03 -- CONCRETE

- 03 0516 - Underslab Vapor Barrier
- 03 1000 - Concrete Forming and Accessories
- 03 2000 - Concrete Reinforcing
- 03 3000 - Cast-in-Place Concrete
- 03 3511 - Concrete Floor Finishes
- 03 4100 - Precast Structural Concrete

2.04 DIVISION 04 -- MASONRY

- 04 2000 - Unit Masonry

2.05 DIVISION 05 -- METALS

- 05 5000 - Metal Fabrications
- 05 5213 - Pipe and Tube Railings
- 05 5200 - Barrier Cable System

2.06 DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES

2.07 DIVISION 07 -- THERMAL AND MOISTURE PROTECTION

- 07 0553 - Fire and Smoke Assembly Identification
- 07 1300 - Sheet Waterproofing

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- 07 1616 - Crystalline Waterproofing
- 07 1800 - Traffic Coatings
- 07 2100 - Thermal Insulation
- 07 2600 - Vapor Retarders
- 07 2700 - Aire Barriers
- 07 5400 - Thermoplastic Membrane Roofing
- 07 6200 - Sheet Metal Flashing and Trim
- 07 8100 - Applied Fire Protection
- 07 8400 - Firestopping
- 07 9100 - Preformed Joint Seals
- 07 9200 - Joint Sealants

2.08 DIVISION 08 -- OPENINGS

- 08 1113 - Hollow Metal Doors and Frames
- 08 4313 - Aluminum-Framed Storefronts
- 08 7100 - Door Hardware
- 08 8000 - Glazing

2.09 DIVISION 09 -- FINISHES

- 09 0561 - Common Work Results for Flooring Preparation
- 09 9113 - Exterior Painting
- 09 9150 - Traffic Stripping Paint
- 09 9600 - High-Performance Coatings

2.10 DIVISION 10 -- SPECIALTIES

- 10 1423 - Panel Signage
- 10 2213 - Wire Mesh Partitions
- 10 4400 - Fire Protection Specialties

2.11 DIVISION 11 -- EQUIPMENT

2.12 DIVISION 12 -- FURNISHINGS

2.13 DIVISION 13 -- SPECIAL CONSTRUCTION

2.14 DIVISION 14 -- CONVEYING EQUIPMENT

- 14 2100 - Electric Traction Elevators

2.15 DIVISION 21 -- FIRE SUPPRESSION

2.16 DIVISION 22 -- PLUMBING

- 22 0210 - Plumbing Summary of Work
- 22 0510 - Plumbing Basic Requirements
- 22 0511 - Electrical Provisions for Plumbing Work
- 22 0517 - Sleeves and Sleeve Seals for Plumbing Piping
- 22 0529 - Plumbing Hangers and Supports

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- 22 0533 - Heat Tracing for Plumbing Piping
- 22 0553 - Plumbing Painting and Identification
- 22 0700 - Plumbing Insulation
- 22 1116 - Domestic Water Distribution Piping
- 22 1416 - Storm Water Piping
- 22 1429 - Sump Pumps

2.17 DIVISION 23 -- HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

- 23 0210 - HVAC Summary of Work
- 23 0510 - HVAC Basic Requirements
- 23 0511 - Electrical Provisions for HVAC Work
- 23 0513 - Electrical Motors for HVAC Equipment
- 23 0517 - Sleeves and Sleeve seals for HVAC Piping
- 23 0529 - Hangers and Supports for Piping, Ductwork and Equipment
- 23 8116 - Ductless Split System Air-Conditioning Units

2.18 DIVISION 25 -- INTEGRATED AUTOMATION

2.19 DIVISION 26 -- ELECTRICAL

- 26 0000 - Summary of Electrical Work
- 26 0500 - Basic Electrical Requirements
- 26 0513 - Primary Voltage Distribution Power Cables
- 26 0519 - Secondary Voltage Wires and Cables
- 26 0526 - Grounding
- 26 0529 - Supporting Devices
- 26 0533 - Electrical Identification
- 26 0534 - Raceways
- 26 0535 - Electrical Boxes and Fittings
- 26 0543 - Underground Duct and Raceways for Electric Systems
- 26 0579 - Temporary Power and Lighting
- 26 0593 - Electrical Connections for Equipment
- 26 0800 - Testing and Placing in Services
- 26 0923 - Lighting Control Devices
- 26 1200 - Medium Voltage Transformers
- 26 2416 - Panelboards
- ~~26 2653 - Electric Vehicle Charging Equipment~~
- 26 2726 - Wiring Devices
- 26 4313 - Surge Protective Devices (SPD)
- 26 5000 - Lighting Fixtures

2.20 DIVISION 27 -- COMMUNICATIONS

- 27 0528 - Telephone Raceway System

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27 2000 - Telephone Data System

27 5124 – Emergency Telephones

2.21 DIVISION 28 -- ELECTRONIC SAFETY AND SECURITY

28 3100 – Elevator Recall Systems

2.22 DIVISION 31 -- EARTHWORK

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31 2000 - Earth Moving

31 2319 - Dewatering

31 6100 - Aggregate Piers

2.23 DIVISION 32 -- EXTERIOR IMPROVEMENTS

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32 1313 - Concrete Paving

32 1373 - Concrete Paving Joint Sealants

32 9200 - Turf and Grasses

32 9300 - Plants

2.24 DIVISION 33 -- UTILITIES

33 1000 - Water Utilities

33 3000 - Sanitary Sewerage Utilities

33 4100 - Storm Utility Drainage

33 4200 - Subdrainage

2.25 DIVISION 34 -- TRANSPORTATION

2.26 DIVISION 40 -- PROCESS INTEGRATION

2.27 DIVISION 46 -- WATER AND WASTEWATER EQUIPMENT

END OF SECTION 00 0110



FSU Parking Deck
1350 Martin Luther King Drive,
Fayetteville, NC 28301



OWNER Fayetteville State University 1250 Murchison Rd Fayetteville, NC 28301	ARCHITECT DudaPaine Architects, PA 333 Liggitt Street Durham, NC 27701
CIVIL ENGINEER Bolton & Menk 418 South Dawson Street Raleigh, NC 27601 License No. F-1409, C-596	LANDSCAPE ARCHITECT Bolton & Menk 418 South Dawson Street Raleigh, NC 27601 License No. F-1409, C-596
STRUCTURAL ENGINEER Lynch Mykims 301 N West St #105 Raleigh, NC 27603 License No. C-4360	MEP CONSULTANT Salas O'Brien 702 Oberlin Road, Suite 300 Raleigh, NC 27605 License No. F-1434
COST CONSULTANT Palacio Collaborative 4819 Emperor Blvd Durham, NC 27703	PARKING CONSULTANT Kimley Horn 421 Fayetteville Street Suite 600 Raleigh, NC 27601 License No. F-0102

Sheet Name

**CONSTRUCTION
DOCUMENTS**

BID SET

March 14, 2025
Project: 22303

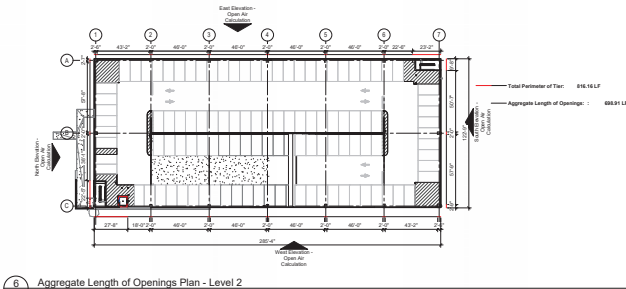
SCO ID#: 23-26220-02-A



2008 NC Administrative Code and Policies Revised 6/15/2020

2018 NC Administrative Code and Policies Revised 6/15/2020

NO.	DATE	DESCRIPTION
1	03/14/2023	ISSUED FOR BIDDING
2	03/14/2023	REVISION
3	03/14/2023	REVISION
4	03/14/2023	REVISION
5	03/14/2023	REVISION
6	03/14/2023	REVISION
7	03/14/2023	REVISION
8	03/14/2023	REVISION
9	03/14/2023	REVISION
10	03/14/2023	REVISION
11	03/14/2023	REVISION
12	03/14/2023	REVISION
13	03/14/2023	REVISION
14	03/14/2023	REVISION
15	03/14/2023	REVISION
16	03/14/2023	REVISION
17	03/14/2023	REVISION
18	03/14/2023	REVISION
19	03/14/2023	REVISION
20	03/14/2023	REVISION



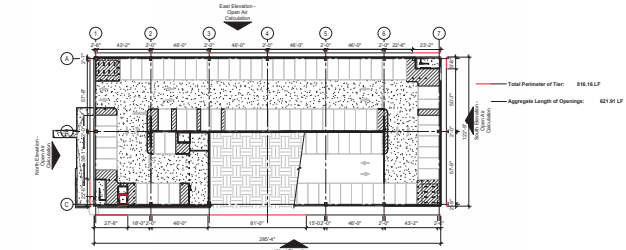
6 Aggregate Length of Openings Plan - Level 2
 1/32" = 1'-0"

Level 2
 OPEN GARAGE NATURAL VENTILATION CALCULATION

Total Area of Exterior Wall - 9,784 SF
 Required Open Area Percentage of Exterior Wall - 20%
 Provided Open Area of Exterior Wall - 4,815 SF
 Provided Open Area Percentage of Exterior Wall - 47.16%
 Total Perimeter of Tier - 816.16 LF
 Required % Open Perimeter of Tier - 40%
 Aggregate Length of Openings - 698.91 LF
 Provided % Open Perimeter of Tier - 85.61%
☐ Alternate Compliance: Required openings are uniformly distributed over two opposing sides of the building.

Open Parking Garage Area Take Off

Mark	Description	Area SF
Level 2		
Level 2	Wall Area	3424
Level 2	Wall Area	3424
Level 2	Wall Area	1488
Level 2	Wall Area	1488
Level 2	Wall Area	3754
Level 2	Ventilation Area	1913
Level 2	Ventilation Area	1558
Level 2	Ventilation Area	626
Level 2	Ventilation Area	618
Level 2	Ventilation Area	4212



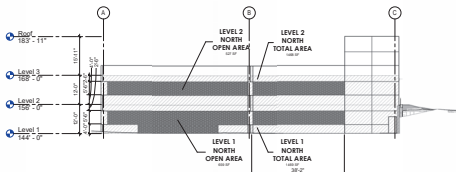
5 Aggregate Length of Openings Plan - Level 1
 1/32" = 1'-0"

Level 1
 OPEN GARAGE NATURAL VENTILATION CALCULATION

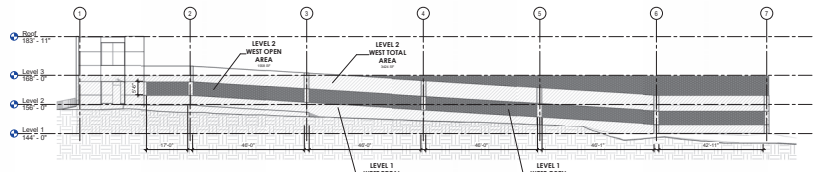
Total Area of Exterior Wall - 9,784 SF
 Required Open Area Percentage of Exterior Wall - 20%
 Provided Open Area of Exterior Wall - 3,361 SF
 Provided Open Area Percentage of Exterior Wall - 34.24%
 Total Perimeter of Tier - 816.16 LF
 Required % Open Perimeter of Tier - 40%
 Aggregate Length of Openings - 621.91 LF
 Provided % Open Perimeter of Tier - 76.19%
☐ Alternate Compliance: Required openings are uniformly distributed over two opposing sides of the building.

Open Parking Garage Area Take Off

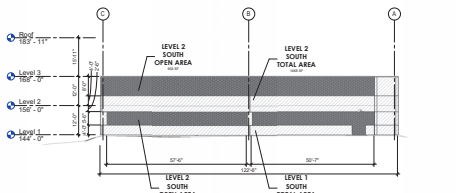
Mark	Description	Area SF
Level 1		
Level 1	Wall Area	3424
Level 1	Wall Area	3424
Level 1	Wall Area	1488
Level 1	Wall Area	1488
Level 1	Wall Area	3754
Level 1	Ventilation Area	1330
Level 1	Ventilation Area	691
Level 1	Ventilation Area	658
Level 1	Ventilation Area	618
Level 1	Ventilation Area	3351



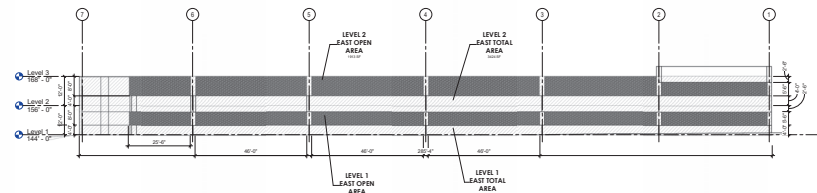
3 North Elevation - Open Air Calculation
 1/16" = 1'-0"



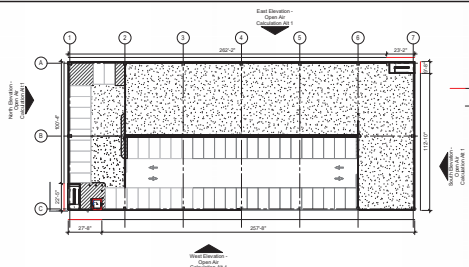
4 West Elevation - Open Air Calculation
 1/16" = 1'-0"



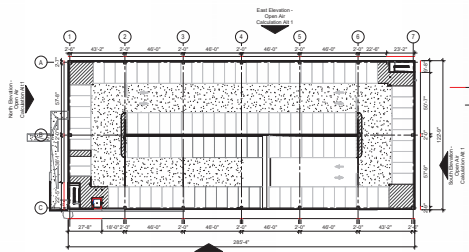
1 South Elevation - Open Air Calculation
 1/16" = 1'-0"



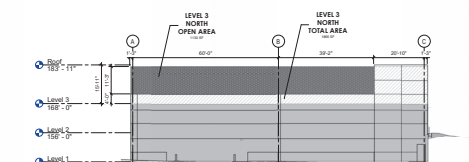
2 East Elevation - Open Air Calculation
 1/16" = 1'-0"



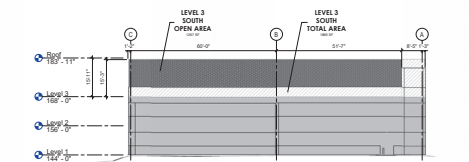
5 Aggregate Length of Openings Plan - Level 3 Alt
1/32" = 1'-0"



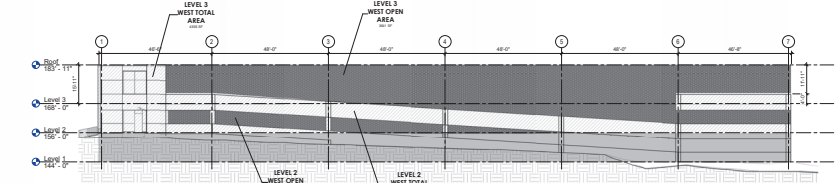
6 Aggregate Length of Openings Plan - Level 2 Alt
1/32" = 1'-0"



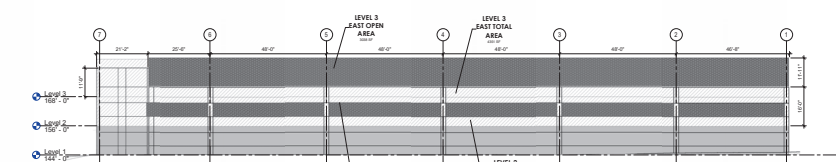
3 North Elevation - Open Air Calculation Alt 1
1/16" = 1'-0"



1 South Elevation - Open Air Calculation Alt 1
1/16" = 1'-0"



4 West Elevation - Open Air Calculation Alt 1
1/16" = 1'-0"



2 East Elevation - Open Air Calculation Alt 1
1/16" = 1'-0"

Level 3
OPEN GARAGE NATURAL VENTILATION CALCULATION

Total Area of Exterior Wall - 9,784 SF
Required Open Area Percentage of Exterior Wall - 20%
Provided Open Area of Exterior Wall - 6,062 SF
Provided Open Area Percentage of Exterior Wall - 61.95%

Total Perimeter of Tier - 816.16 LF
Required % Open Perimeter of Tier - 40%
Aggregate Length of Openings - 733 LF
Provided % Open Perimeter of Tier - 49.81%

☐ Alternate Compliance: Required openings are uniformly distributed over two opposing sides of the building.

Open Parking Garage Area Take Off Alt

Mark	Type	Area SF
Level 3 Alt	Code: Open Parking Garage Wall Area	3424
Level 3 Alt	Code: Open Parking Garage Wall Area	1468
Level 3 Alt	Code: Open Parking Garage Wall Area	2424
Level 3 Alt	Code: Open Parking Garage Wall Area	1468
		8784
Level 3 Alt	Code: Exterior Wall Open Area	594
Level 3 Alt	Code: Exterior Wall Open Area	1467
Level 3 Alt	Code: Exterior Wall Open Area	3535
Level 3 Alt	Code: Exterior Wall Open Area	526
		5962

GENERAL NOTE:
When grey hatching area won't change from base color, hatching and text area are required.

Level 2
OPEN GARAGE NATURAL VENTILATION CALCULATION

Total Area of Exterior Wall - 6,848 SF
Required Open Area Percentage of Exterior Wall - 20%
Provided Open Area of Exterior Wall - 2,859 SF
Provided Open Area Percentage of Exterior Wall - 41.61%

Total Perimeter of Tier - 816.16 LF
Required % Open Perimeter of Tier - 40%
Aggregate Length of Openings - 688.91 LF
Provided % Open Perimeter of Tier - 85.63%

☐ Alternate Compliance: Required openings are uniformly distributed over two opposing sides of the building.

Open Parking Garage Area Take Off Alt

Mark	Type	Area SF
Level 2 Alt	Code: Open Parking Garage Wall Area	3424
Level 2 Alt	Code: Open Parking Garage Wall Area	2424
		5848
Level 2 Alt	Code: Exterior Wall Open Area	1467
Level 2 Alt	Code: Exterior Wall Open Area	1467
		2934



**DUDA PAINE
ARCHITECTS**

1350 Martin Luther King Drive, Fayetteville, NC 28301

FSU Parking Deck

BID SET

800 DW 23-2929-02-A

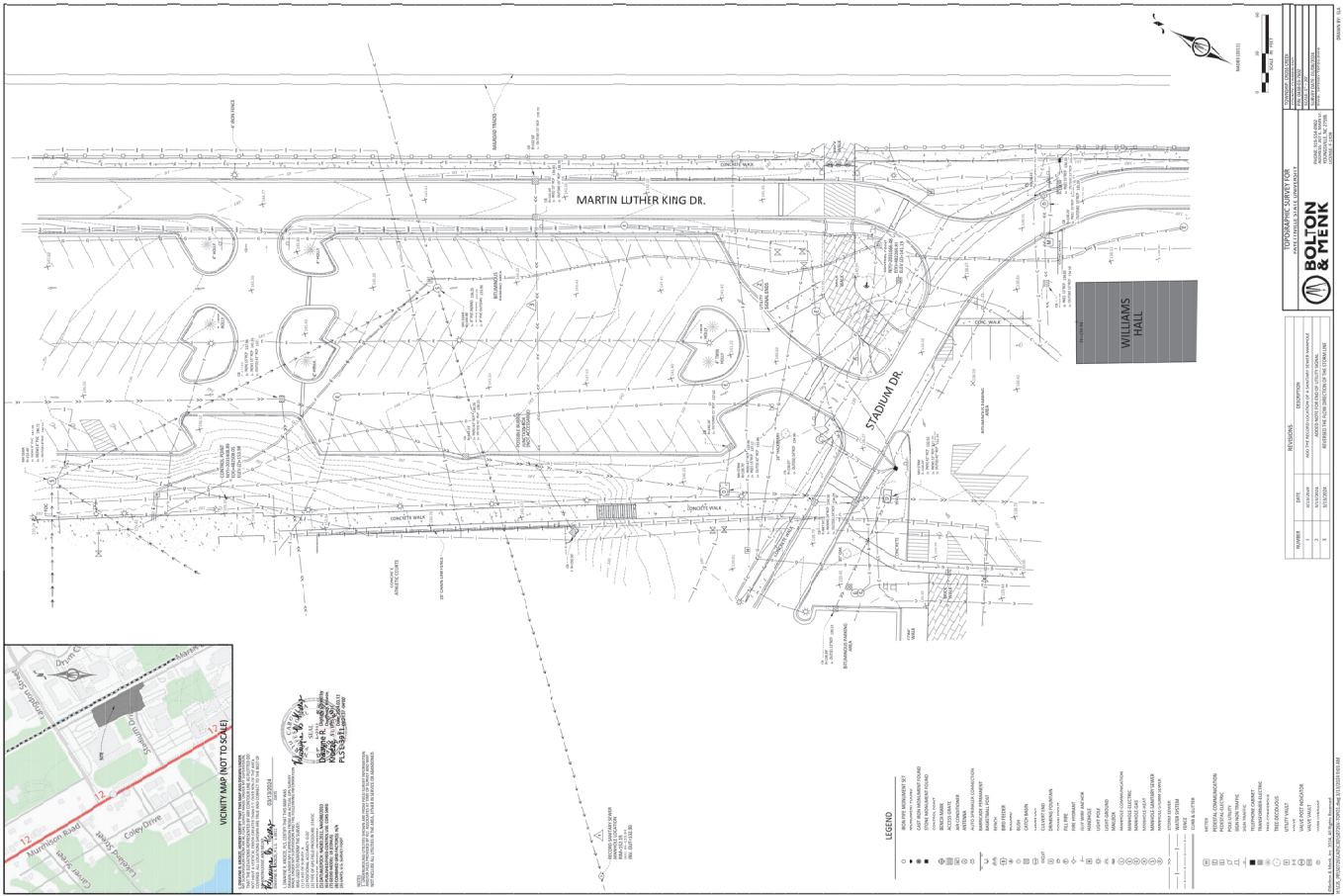
CONSTRUCTION
DOCUMENTS - BID SET

March 18, 2023

**Open Air
Calculations Alt 1**

SHEET TO BE PRINTED IN COLOR

G052



DUDA | PAINE
ARCHITECTS

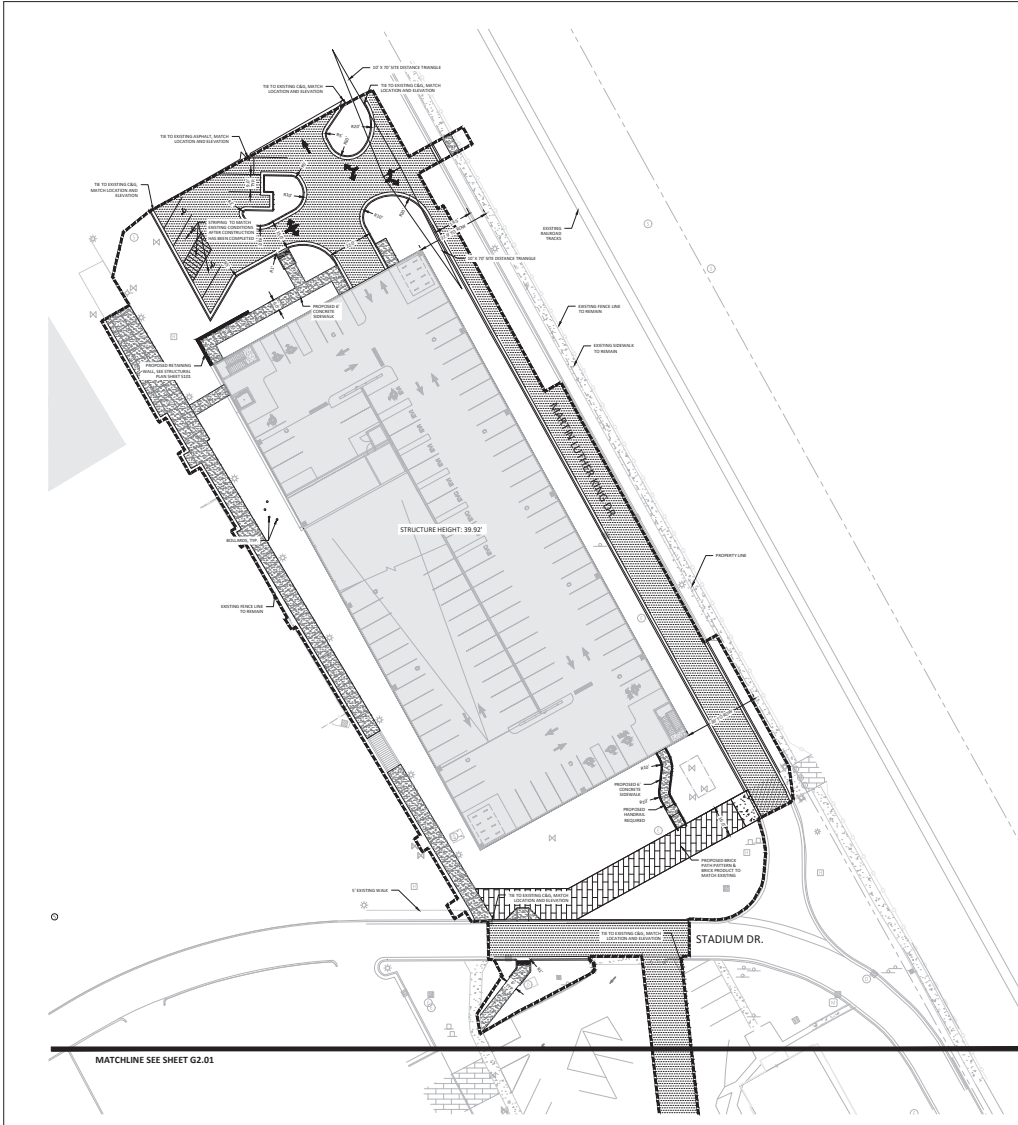
FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

NO.	DATE	DESCRIPTION
1	10/10/2018	ISSUED FOR BIDDING
2	10/10/2018	ISSUED FOR BIDDING
3	10/10/2018	ISSUED FOR BIDDING

CONSTRUCTION DOCUMENTS - BID SET
1350 Martin Luther King Drive, Fayetteville, NC 28301

G1.00





LEGEND		
	PROPOSED SIDEWALK	5/1/20.00
	PROPOSED ACCESSIBLE RAMP	4/1/20.00
	PROPOSED ACCESSIBLE SPACE	4/1/20.00
	PROPOSED ACCESSIBLE VAN SPACE	4/1/20.00
	PROPOSED ACCESSIBLE DRIVE	7/1/20.00
	PROPOSED STOP SIGN	1/1/20.00
	LEAST DURET MATERIALS CONCRETE	1/1/20.00
	PROPOSED 2' 6\"/>	1/1/20.00
	EXISTING BRICK PAVING	N/A
	LIMITS OF ENCUMBRANCE	N/A
	RAILROAD	8/1/20.00

- STAKING AND MATERIALS NOTES**
- ALL DIMENSIONS AND TOLERANCES SHALL BE AS SHOWN, UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE AT 90 DEGREES UNLESS OTHERWISE NOTED.
 - PARKING STALL DIMENSIONS ARE AS SHOWN, UNLESS OTHERWISE NOTED.
 - NOTES TO ARCHITECTURAL PLANS FOR ACTUAL BUILDING CONSTRUCTION.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF UTILITIES, EASEMENTS, AND RIGHTS-OF-WAY, PUBLIC AND PRIVATE, PRIOR TO CONSTRUCTION IN THESE AREAS.
 - ALL IMPACT PAVING SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE MOST CURRENT SPECIFICATIONS FOR ROADS AND STRUCTURAL LAYER SECTION.
 - CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
 - ALL TRAFFIC, PEDESTRIAN, AND CYCLE TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - ALL PAVEMENT SHALL BE 18\"/>
 - TOP FINISH SHALL BE 1\"/>
 - RIGHT THROUGH TRUCKS ARE THE MAXIMUM REQUIRE.
 - NO DIMENSIONS UNLESS ALLOWED ON SITE.

- PAVEMENT REPAIR NOTES**
- CONTRACTOR SHALL FURNISH THE FOLLOWING REPAIR WORK AT THE EXISTING IMPACT SURFACES:
 - 1.1. 1\"/>
 - 1.2. 1\"/>
 - 1.3. 1\"/>
 - 1.4. 1\"/>
 - 1.5. 1\"/>
 - 1.6. 1\"/>



- CONTRACTOR IS FULLY RESPONSIBLE FOR CONSULTING APPROPRIATE PARTIES AND OBTAINING NECESSARY PERMITS AND EASEMENTS PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND EASEMENTS PRIOR TO CONSTRUCTION.
- ALL PAVEMENT SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE MOST CURRENT SPECIFICATIONS FOR ROADS AND STRUCTURAL LAYER SECTION.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
- ALL TRAFFIC, PEDESTRIAN, AND CYCLE TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL PAVEMENT SHALL BE 18\"/>
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- RIGHT THROUGH TRUCKS ARE THE MAXIMUM REQUIRE.
- NO DIMENSIONS UNLESS ALLOWED ON SITE.



DUDA PAINE ARCHITECTS

ARCHITECTS
1550 Martin Luther King Drive, Fayetteville, NC 28301
919.484.1111
www.dudapaine.com

CITY OF FAYETTEVILLE

FSU Parking Deck
1550 Martin Luther King Drive, Fayetteville, NC 28301
BID SET
SC02 DW 23-2620-02-A

NO.	DATE	DESCRIPTION
1	11/11/2023	ISSUED FOR BIDDING
2	11/11/2023	ISSUED FOR BIDDING
3	11/11/2023	ISSUED FOR BIDDING
4	11/11/2023	ISSUED FOR BIDDING
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50	11/11/2023	ISSUED FOR BIDDING

CONSTRUCTION DOCUMENTS - BID SET
11/11/2023
LOCATION PLAN

G2.00

G2.01



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET

[illegible]

**CONSTRUCTION
DOCUMENTS - BID SET**

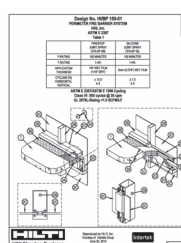
Issue Date: March 14, 2022
Project Number: 2220

**Fire Resistive
Construction
Details**

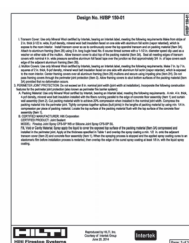
G201

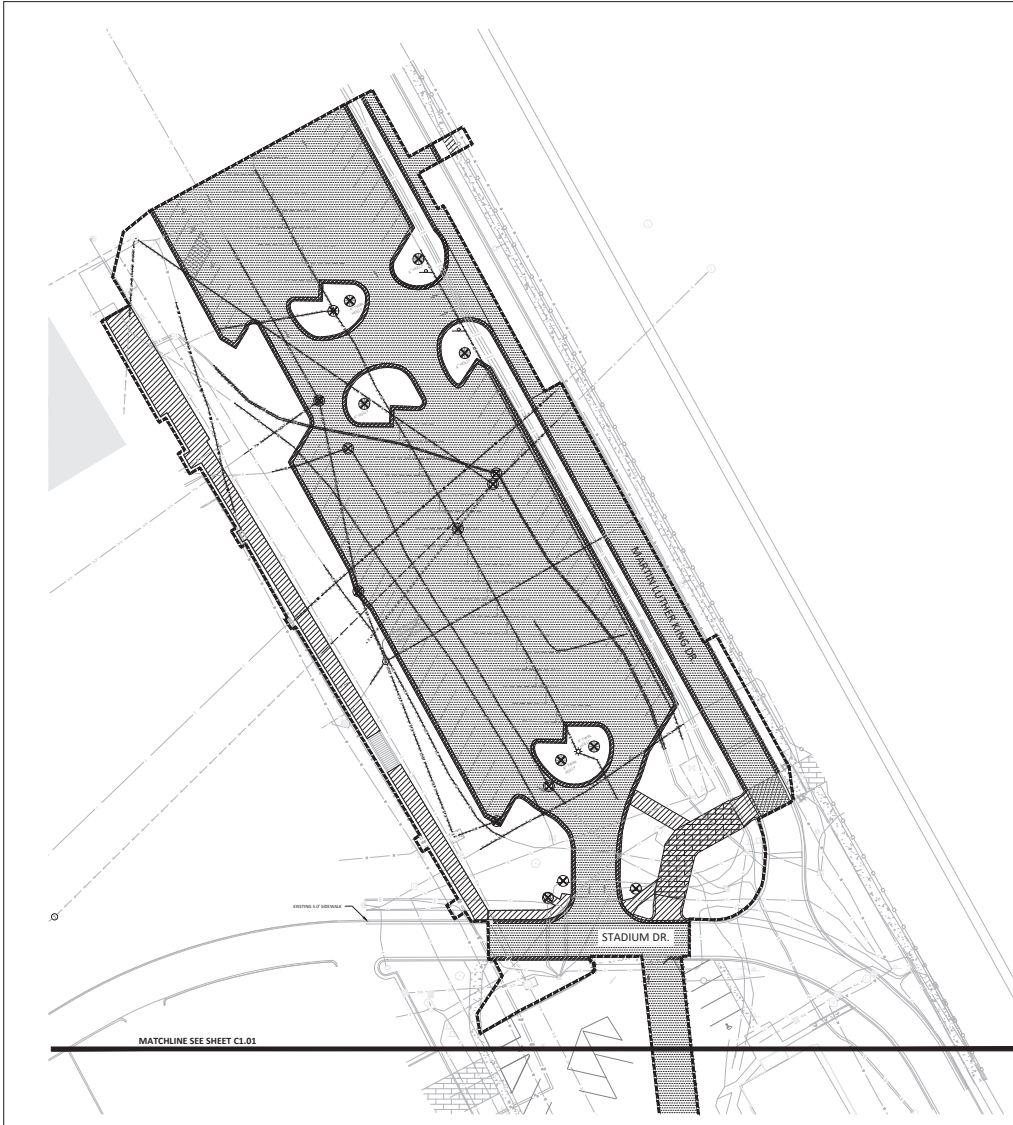


2 HW-D-0540 - Standard Head of Wall-Concrete
 (G201) For Reference Only



1 HI/BP 150-01 - Curtain Wall Perimeter
G201 For Reference Only





LEGEND

	UTILITY TO BE REMOVED
	EXISTING STRUCTURE TO BE DEMOLISHED
	EXISTING CURB TO BE DEMOLISHED
	EXISTING SIDEWALK TO BE DEMOLISHED
	ITEM TO BE PRESERVED
	EXISTING STRUCTURE TO BE PRESERVED
	PROPERTY LINES TO BE PRESERVED
	LIMIT OF DISTURBANCE

- DEMOLITION NOTES**
1. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF DEMOLITION MATERIALS AS DESCRIBED BY THESE REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.
 2. THE CONTRACTOR SHALL MAINTAIN THE EXISTING LOCATION AND DEPTH OF ALL EXISTING UTILITIES (ELECTRIC, GAS, WATER, SEWER, TELECOMMUNICATIONS, ETC.) AND SHALL MAINTAIN THE EXISTING LOCATION AND DEPTH OF ALL EXISTING UTILITIES (ELECTRIC, GAS, WATER, SEWER, TELECOMMUNICATIONS, ETC.) AND SHALL MAINTAIN THE EXISTING LOCATION AND DEPTH OF ALL EXISTING UTILITIES (ELECTRIC, GAS, WATER, SEWER, TELECOMMUNICATIONS, ETC.)
 3. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF DEMOLITION MATERIALS AS DESCRIBED BY THESE REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.
 4. ALL EXISTING UTILITIES OF THE DEMOLITION SHALL BE MAINTAINED AND THE DEMOLITION SHALL BE COMPLETED BY THE DEMOLITION CONTRACTOR AS NOTED TO AVOID ANY AFFECT THE PROJECT SCHEDULE.
 5. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF DEMOLITION MATERIALS AS DESCRIBED BY THESE REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.
 6. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF DEMOLITION MATERIALS AS DESCRIBED BY THESE REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.
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 13. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF DEMOLITION MATERIALS AS DESCRIBED BY THESE REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.

North Carolina

1. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF DEMOLITION MATERIALS AS DESCRIBED BY THESE REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.

2. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF DEMOLITION MATERIALS AS DESCRIBED BY THESE REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.

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4. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF DEMOLITION MATERIALS AS DESCRIBED BY THESE REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.



DUDA PAINE ARCHITECTS

ARCHITECTS

1550 Martin Luther King Drive, Fayetteville, NC 28301

PHOTOGRAPHY: JEFFREY L. HARRIS

CITY OF FAYETTEVILLE

PLANNING DEPARTMENT

FSU Parking Deck

1550 Martin Luther King Drive, Fayetteville, NC 28301

BID SET

SSO DW 23-2620-04-A

NO.	DATE	DESCRIPTION
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CONSTRUCTION DOCUMENTS - BID SET

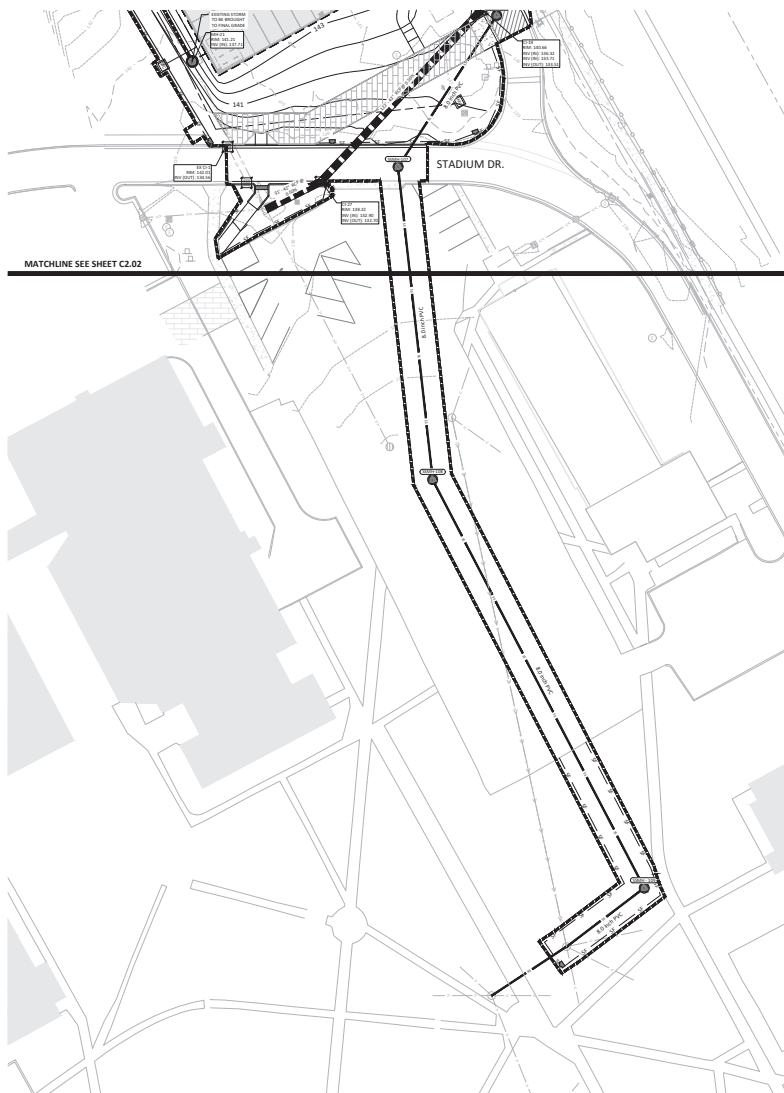
12/15/2023

DEMOLITION PLAN

C1.00









A rectangular stamp with a black border. The text inside reads: "CONSTRUCTION DOCUMENTS - BID SET" in bold, uppercase letters. Below this, it says "Issue Date: 14 March, 2020" and "Project Number: 22300". At the bottom, in a larger font, is "NCG01".

PART II SELF-INSPECTION, RECORDKEEPING AND REPORTING		PART II SELF-INSPECTION, RECORDKEEPING AND REPORTING	
<p>VEHICLE AND EQUIPMENT</p> <p>Self-inspection records must be maintained for all vehicles and equipment used in the course of business. Self-inspection records must be maintained for all vehicles and equipment used in the course of business. Self-inspection records must be maintained for all vehicles and equipment used in the course of business.</p>		<p>VEHICLE AND EQUIPMENT</p> <p>Self-inspection records must be maintained for all vehicles and equipment used in the course of business. Self-inspection records must be maintained for all vehicles and equipment used in the course of business. Self-inspection records must be maintained for all vehicles and equipment used in the course of business.</p>	
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DRINK WATER SUPPLY FOR HAZARDOUS INCIDENT OUT-POST

VEHICLE AND EQUIPMENT

Self-inspection records must be maintained for all vehicles and equipment used in the course of business. Self-inspection records must be maintained for all vehicles and equipment used in the course of business. Self-inspection records must be maintained for all vehicles and equipment used in the course of business.

VEHICLE AND EQUIPMENT

Self-inspection records must be maintained for all vehicles and equipment used in the course of business. Self-inspection records must be maintained for all vehicles and equipment used in the course of business. Self-inspection records must be maintained for all vehicles and equipment used in the course of business.

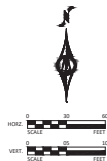
NCGL SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19





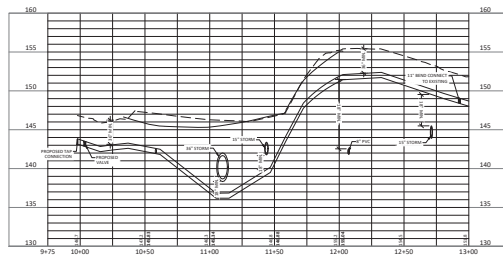


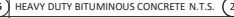
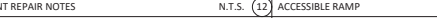
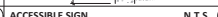


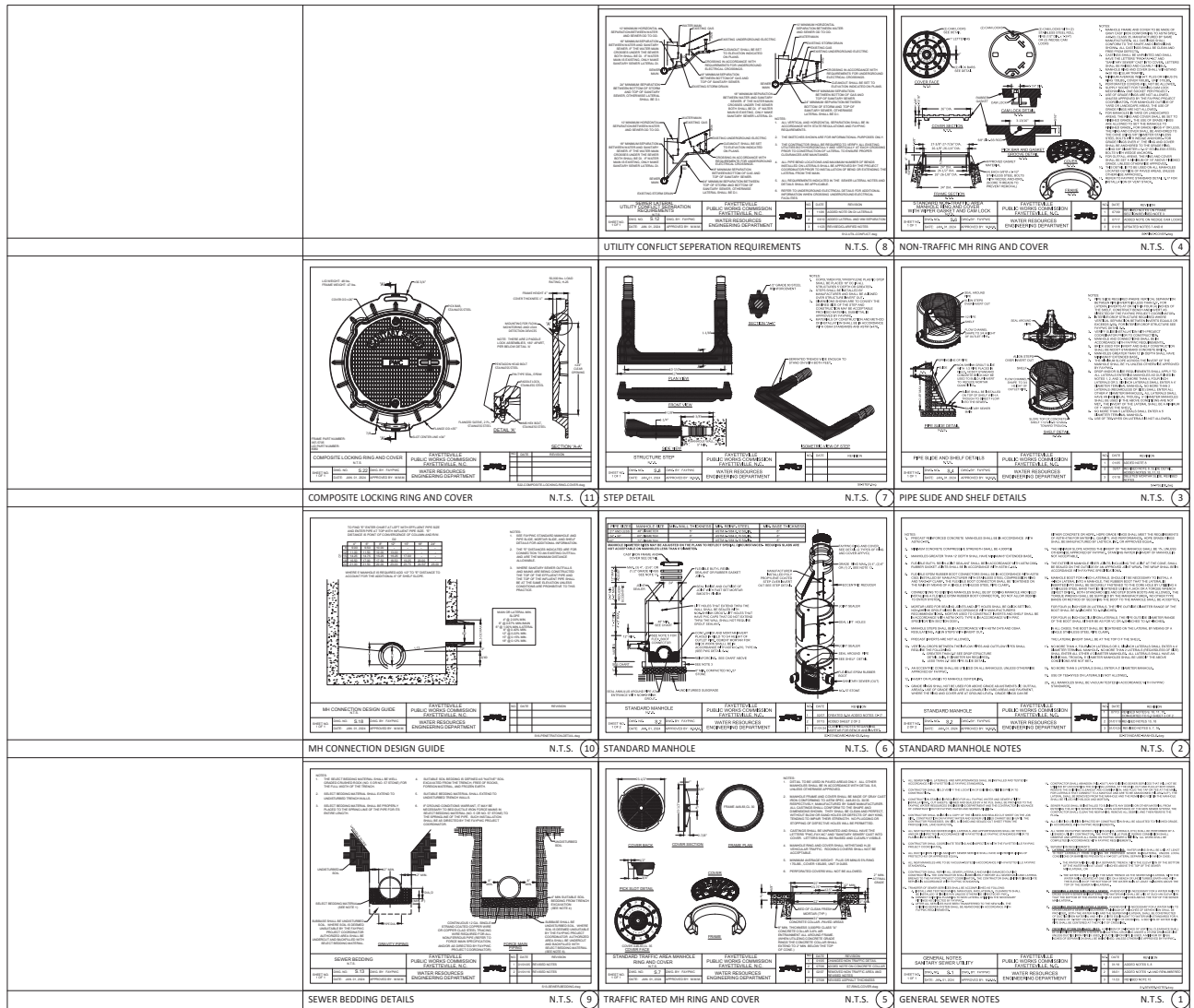
C4.10

C4.11









DUDA | PAINE
ARCHITECTS

1560 Martin Luther King Drive, Fayetteville, NC 28301
Phone: 910.484.1111
Fax: 910.484.1112
Email: info@dudapaine.com
Website: www.dudapaine.com



FSU Parking Deck
1560 Martin Luther King Drive, Fayetteville, NC 28301
BID SET
S00 DW 23-0205-A

NO.	DATE	DESCRIPTION
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101	12/15/2023	REVISION 100

CONSTRUCTION
DOCUMENTS - BID SET
12/15/2023
SEWER DETAILS

C9.01



NO.	REVISION	DATE	BY	CHKD.
1	ISSUED FOR BIDDING	11/16/2023	DD	DD
2	REVISION			
3	REVISION			
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13	REVISION			
14	REVISION			
15	REVISION			
16	REVISION			
17	REVISION			
18	REVISION			
19	REVISION			
20	REVISION			

STANDARD FRAME, GRATES, AND HOODS 2 N.T.S. 12

MANHOLE RING AND COVER N.T.S. 8

STD. BRICK CATCH BASIN COVER N.T.S. 4

STANDARD FRAME, GRATES, AND HOODS 1 N.T.S. 11

DROP INLET WITH GRATE N.T.S. 7

STD. BRICK CATCH BASIN N.T.S. 3

STORM CLEANOUT N.T.S. 14

MIN. SLOPE & COVER STORM N.T.S. 10

TRAFFIC BEARING JUNCTION BOX 2 N.T.S. 6

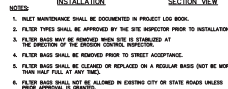
ROOF DRAIN CONNECTION N.T.S. 13

4' PRECAST CONCRETE MANHOLE N.T.S. 9

TRAFFIC BEARING JUNCTION BOX 1 N.T.S. 5

TYPICAL STORM DRAIN N.T.S. 1

MANHOLE ADJUSTMENT CONCRETE COLLAR N.T.S. 2



NTS (4)



N.T.S. (3)



N.T.S. (2)



N.T.S. (1)



COMETS Graduate Institute 4000 University Ave. Fayetteville, NC 28401	COMETS Graduate Institute 4000 University Ave. Fayetteville, NC 28401
COS, ENGINEER Bellini & Davis 4000 University Center, Street Fayetteville, NC 27801 License No. F-1403; C-366	LANDSCAPE ARCH. Bellini & Davis 4000 University Center, Street Fayetteville, NC 27801 License No. F-1403; C-366
ARCHITECTURAL Lyman Architects 300 N. College St., 2nd fl. Fayetteville, NC 27801 License No. C-2050	MEP ENGINEER Lyman Architects 300 N. College St., 2nd fl. Fayetteville, NC 27801 License No. F-1403
CONCRETE CONSTRUCTION Lyman Architects 300 N. College St., 2nd fl. Fayetteville, NC 27801	PAINTING CONTRACTOR Lyman Architects 300 N. College St., 2nd fl. Fayetteville, NC 27801



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET

BID SET
SECTION 23-2820-02-4

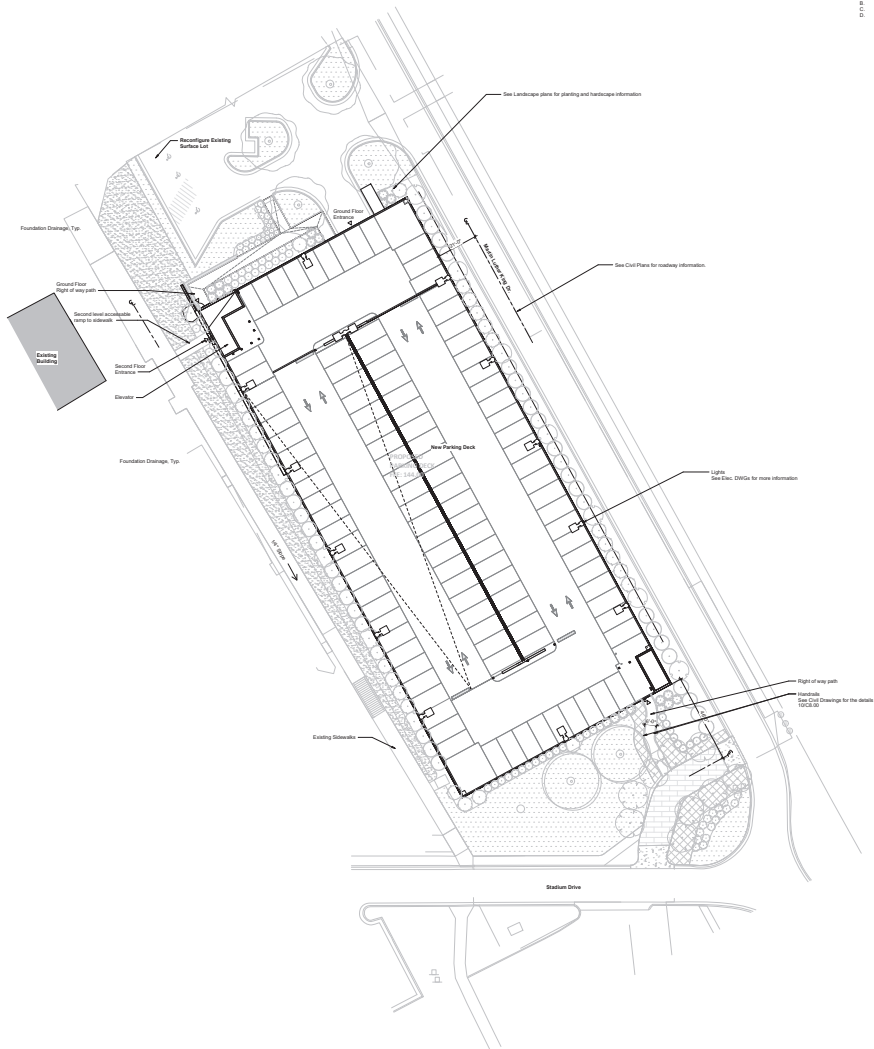
[illegible]

CONSTRUCTION DOCUMENTS - BID SET	
Issue Date:	14 March, 2025
Project Number:	22501

EROSION CONTROL DETAILS

C9.03





General Notes

- A. See Section 33-4100 - Subdrainage and footing details for additional information on Perimeter Drainage System.
- B. Accessible routes to not exceed 5% slope and 2% cross slope.
- C. See Civil drawings for Site Conditions.
- D. See landscape drawings for Planting and hardscape.



Architecture
 Fayetteville State University
 6201 University Blvd.
 Fayetteville, NC 28403

Civil Engineering
 Bolton & Wilson
 418 South Campus Street
 Raleigh, NC 27601
 License No. F-1438, C-036

Electrical Engineering
 Lovett-Roberts
 501 N. Street, S.W.
 Raleigh, NC 27603
 License No. C-036

Environmental Engineering
 6015 Empress Court
 Raleigh, NC 27705

Geography
 Smith-Wright Associates, P.A.
 10000 Capital Blvd.
 Durham, NC 27704

Landscaping/Architecture
 Bolton & Wilson
 418 South Campus Street
 Raleigh, NC 27601
 License No. F-1438, C-036

Public Engineering
 State Capital Area Council
 750 Charles Street, Suite 500
 Raleigh, NC 27603
 License No. F-1438

Planning/Community Development
 601 Fayetteville State Road
 Fayetteville, NC 27801
 License No. F-1438



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET

[illegible]

CONSTRUCTION DOCUMENTS - BID SET	
Issue Date:	March 14, 200
Project Number:	2230
Architectural Site Plan	

A010

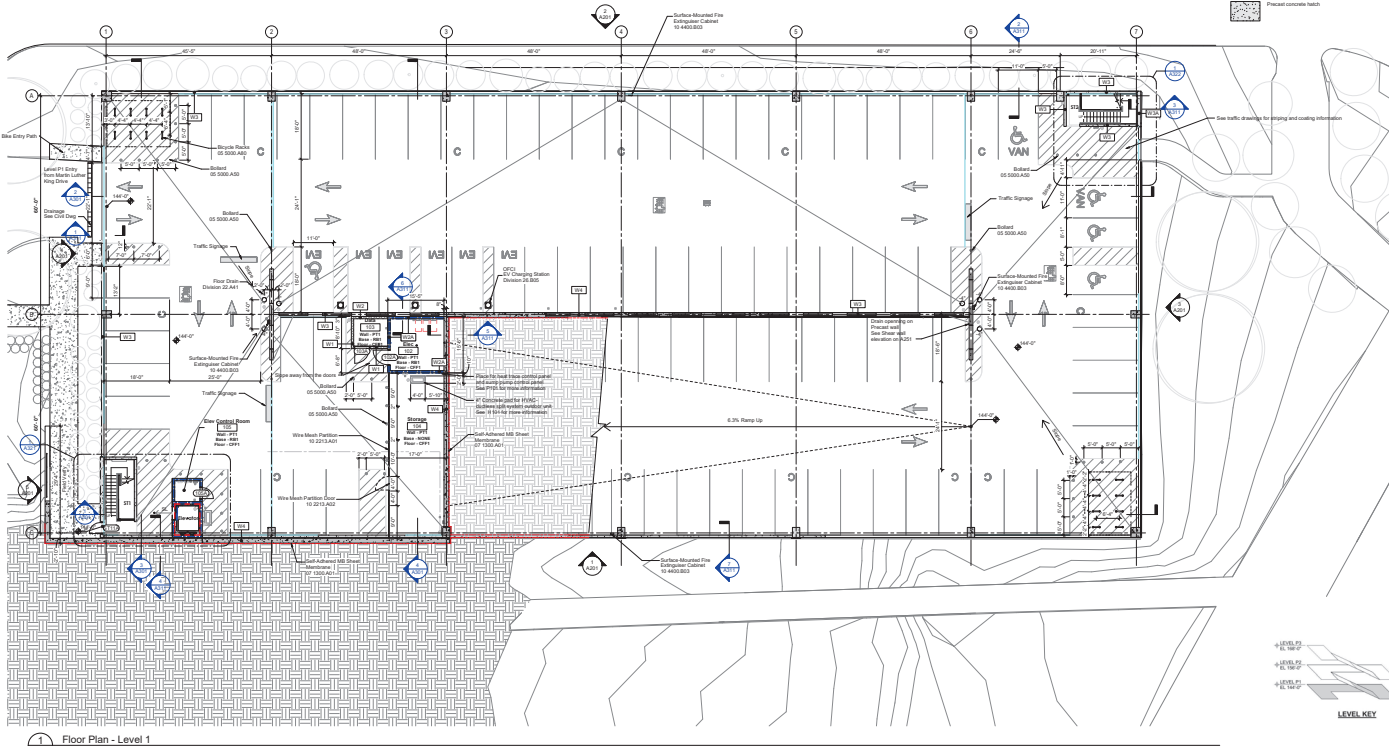


- A. See Section 33 4100 - Subdrainage and footing details for additional information on Perimeter Drainage Systems.
- B. See Civil drawings for Site Conditions
- C. See Structural drawings for footing size and locations



A011

3/15/2025 2:43:55 PM



1 Floor Plan - Level 1
3/22" = 1'-0"

- Parking Garage Notes**
- All dimensions are to face of partition, unless indicated or noted otherwise.
 - Locate doors 4" from face of partition to the inside face of the post.
 - Locate handrails.
 - Protect all exposed pipes, downspouts, and conduct 2 inches or greater clear above grade unless noted or in adjacent to parking spaces or drive aisles.
 - All parking garage surfaces to slope to drains. 1% minimum. Accessibility parking spaces must adhere to the minimum 2% minimum slope.
 - Maintain the following vertical clearance:
 - 1. Veh. Accessible Parking & Reduced Drive Aisles: 8'-0"
 - 2. Parking Garage: 7'-0"
 - Install overhead clearance for less than 2'-0" in height above the installation surface for the face of access over parking spaces to the ground or surface directly below is greater than 12 inches, and the above is indicated on drawings.
 - See 10102 and 10103 for details and material notes.
 - EVSE "Minimum Vehicle Capacity" EV charger ready used in the future EVSE "Minimum Vehicle Capacity" EV charger to be installed.
 - See 10102 for Parking Court Summary.

- Wall Rating Legend**
- Partition Type: Type 1 - Refer to Sheet A102 for Partition Type
- Unrated Walls
 - 1st Floor Glass Walls
 - Cast in place concrete walls
 - Insulated concrete walls



NAME	DATE
ARCHITECT	3/15/2025
CLIENT	FSU
PROJECT	FSU Parking Deck
LOCATION	1350 Martin Luther King Drive, Fayetteville, NC 28301
DATE	3/15/2025
BY	ARCHITECT
CHECKED	ARCHITECT
DATE	3/15/2025



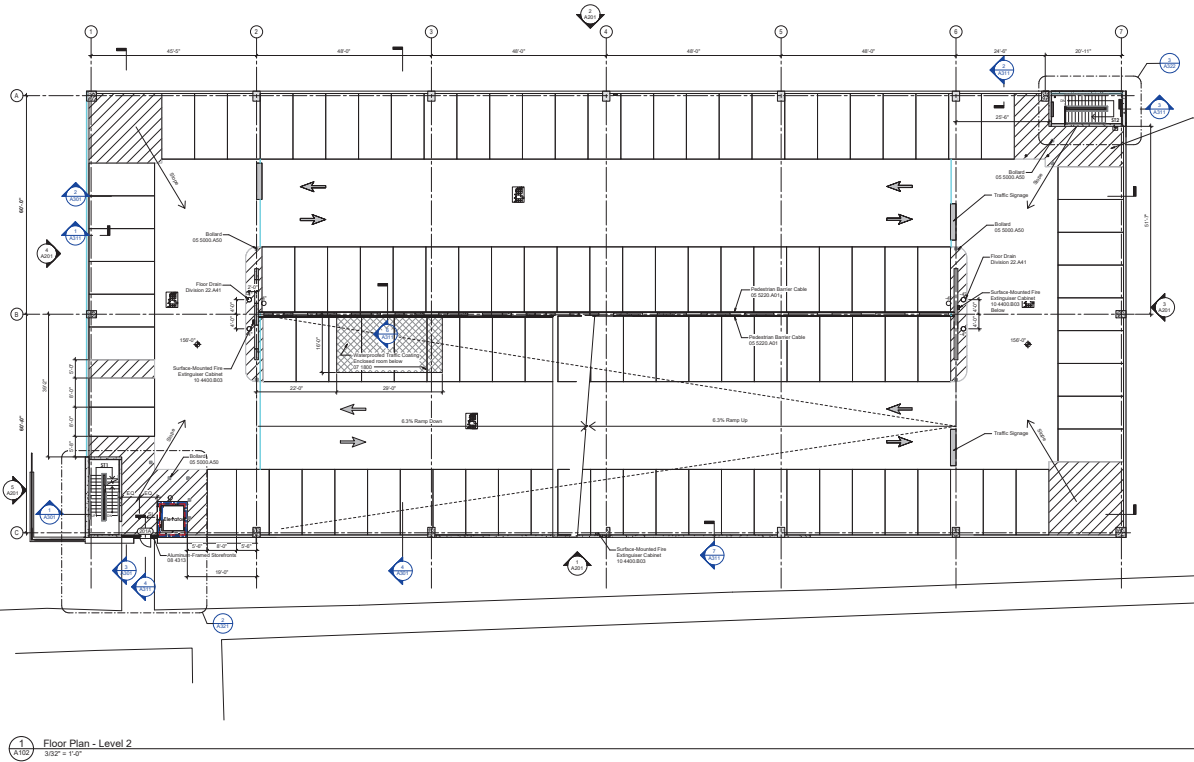
FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301
BID SET
300 DW 23-2529-02-A

NO.	DESCRIPTION	DATE
1	Level 1 Floor Plan	3/15/2025
2	Level 2 Floor Plan	3/15/2025
3	Level 3 Floor Plan	3/15/2025
4	Level 4 Floor Plan	3/15/2025
5	Level 5 Floor Plan	3/15/2025
6	Level 6 Floor Plan	3/15/2025
7	Level 7 Floor Plan	3/15/2025
8	Level 8 Floor Plan	3/15/2025
9	Level 9 Floor Plan	3/15/2025
10	Level 10 Floor Plan	3/15/2025
11	Level 11 Floor Plan	3/15/2025
12	Level 12 Floor Plan	3/15/2025
13	Level 13 Floor Plan	3/15/2025
14	Level 14 Floor Plan	3/15/2025
15	Level 15 Floor Plan	3/15/2025
16	Level 16 Floor Plan	3/15/2025
17	Level 17 Floor Plan	3/15/2025
18	Level 18 Floor Plan	3/15/2025
19	Level 19 Floor Plan	3/15/2025
20	Level 20 Floor Plan	3/15/2025

CONSTRUCTION DOCUMENTS - BID SET
March 14, 2025
Level 1 Floor Plan

A101

3/15/2025 2:43:17 PM



1 Floor Plan - Level 2
33'-0" x 33'-0"

Parking Garage Notes

- All dimensions are in feet or fractions thereof, unless otherwise noted.
- Locate signs 12" from face of partition to the inside face of the partition.
- Protect all exposed pipes, conduits, and cables 2 inches or greater with steel plate guards when located in or adjacent to parking spaces or drive aisles.
- All parking garage surfaces are to slope to drains, flyovers, or other drainage facilities.
- As required, parking and access areas to be maintained 2% slope.
- Minimum clear height 7'-0" for parking spaces.
- Minimum clear height 8'-0" for drive aisles.
- Minimum clear height 9'-0" for ramps.
- Minimum clear height 10'-0" for overpasses.
- Minimum clear height 11'-0" for bridges.
- Minimum clear height 12'-0" for tunnels.
- Minimum clear height 13'-0" for viaducts.
- Minimum clear height 14'-0" for other structures.
- Minimum clear height 15'-0" for other structures.
- Minimum clear height 16'-0" for other structures.
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- Minimum clear height 95'-0" for other structures.
- Minimum clear height 96'-0" for other structures.
- Minimum clear height 97'-0" for other structures.
- Minimum clear height 98'-0" for other structures.
- Minimum clear height 99'-0" for other structures.
- Minimum clear height 100'-0" for other structures.

Wall Rating Legend

- Partition Type Tag - Refer to Detail A401 for Partition Type Schedule
- Unrated Walls
- 1 Hour Fire Rating
- Cast in place concrete hatch
- Precast concrete hatch



DUDA PAINE ARCHITECTS
1350 Martin Luther King Drive, Fayetteville, NC 28301
910.484.1234
www.dudapaine.com

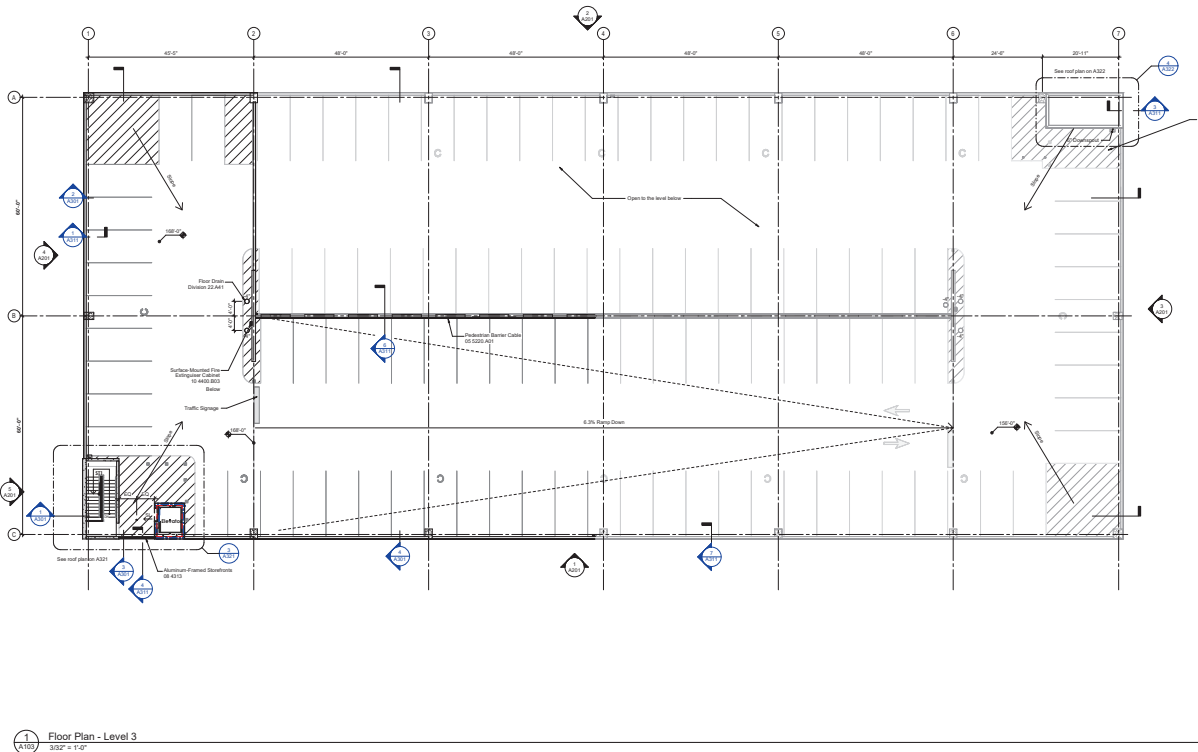


FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301
BID SET
800 DW 28-2828-02-A

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4	1	EA	1.00
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100	1	EA	1.00

CONSTRUCTION DOCUMENTS - BID SET
March 18, 2025
Level 2 Floor Plan

A102



Parking Garage Notes

- A. All dimensions are to face of partition, unless indicated or noted otherwise.
- B. Locate doors 4' from face of partition to the inside face of the partition, unless otherwise noted.
- C. Protect all exposed pipes, downspouts, and conduct 2 inches or greater with steel plate gusset where located in or adjacent to parking spaces or drive aisles.
- D. All parking garage surfaces to slope to drains, 1% minimum.
- E. Adequately justify and assume notes for the maximum 2% slope, unless noted.
- F. Minimum clear height: 8'0" for all parking spaces and 8'6" for all drive aisles.
- G. All parking garage surfaces shall be 2" of 4" in height where the vertical distance from the top of structural ceiling system to the ground or surface directly below is greater than 12'0" below, and as shown indicated on drawings.
- H. See TR-1012 and TR-1013 for striping and signage plan.
- I. See TR-1012 and TR-1013 for striping and signage plan.
- J. See TR-1012 and TR-1013 for striping and signage plan.
- K. See TR-1012 and TR-1013 for striping and signage plan.
- L. See TR-1012 and TR-1013 for striping and signage plan.
- M. See TR-1012 and TR-1013 for striping and signage plan.
- N. See TR-1012 and TR-1013 for striping and signage plan.
- O. See TR-1012 and TR-1013 for striping and signage plan.
- P. See TR-1012 and TR-1013 for striping and signage plan.
- Q. See TR-1012 and TR-1013 for striping and signage plan.
- R. See TR-1012 and TR-1013 for striping and signage plan.
- S. See TR-1012 and TR-1013 for striping and signage plan.
- T. See TR-1012 and TR-1013 for striping and signage plan.
- U. See TR-1012 and TR-1013 for striping and signage plan.
- V. See TR-1012 and TR-1013 for striping and signage plan.
- W. See TR-1012 and TR-1013 for striping and signage plan.
- X. See TR-1012 and TR-1013 for striping and signage plan.
- Y. See TR-1012 and TR-1013 for striping and signage plan.
- Z. See TR-1012 and TR-1013 for striping and signage plan.

Wall Rating Legend

- Partition Type Top - Refer to Sheet A400 for Partition Type Schedule.
- Unrated Walls
- 1 Hour Fire Rating
- 2 Hour Fire Rating
- 3 Hour Fire Rating
- 4 Hour Fire Rating
- 5 Hour Fire Rating
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- 99 Hour Fire Rating
- 100 Hour Fire Rating

Roof Plan Notes

- A. Design and construct roof framing to support roof loads and roof edge components according to ASCE/SEI 7-16.
- B. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.
- C. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.
- D. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.
- E. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.
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- N. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.
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- W. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.
- X. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.
- Y. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.
- Z. All roof framing shall be designed for a minimum of 20 psf dead load and 20 psf live load.

See traffic drawings for striping and coding information

See traffic drawings for striping and coding information

See traffic drawings for striping and coding information

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North Carolina State University 101 Morris Hall Raleigh, NC 27695	ARCHITECT Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601
CLIENT North Carolina State University 101 Morris Hall Raleigh, NC 27695	LANDSCAPE ARCHITECT Baker & Monks 418 South Green Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
ENGINEER Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	PLANNING Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
INTERIOR DESIGNER Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	STRUCTURAL ENGINEER Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Mechanical Engineer Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Electrical Engineer Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Plumbing Engineer Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Fire Protection Engineer Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Transportation Engineer Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Environmental Engineer Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Historic Preservation Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Archaeology Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Geology Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Soil Engineering Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Water Resources Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Waste Management Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Energy Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Transportation Planning Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Urban Planning Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Regional Planning Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
Statewide Planning Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	National Planning Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA
International Planning Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA	Architectural Record Hickory Creek Architects, P.A. 202 Lenoir Street Raleigh, NC 27601 Lorraine Lee, AIA, CAA



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301
BID SET
SCO DW 23-2529-02-A

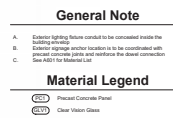
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CONSTRUCTION DOCUMENTS - BID SET
March 18, 2025
Level 3 Floor Plan

A103



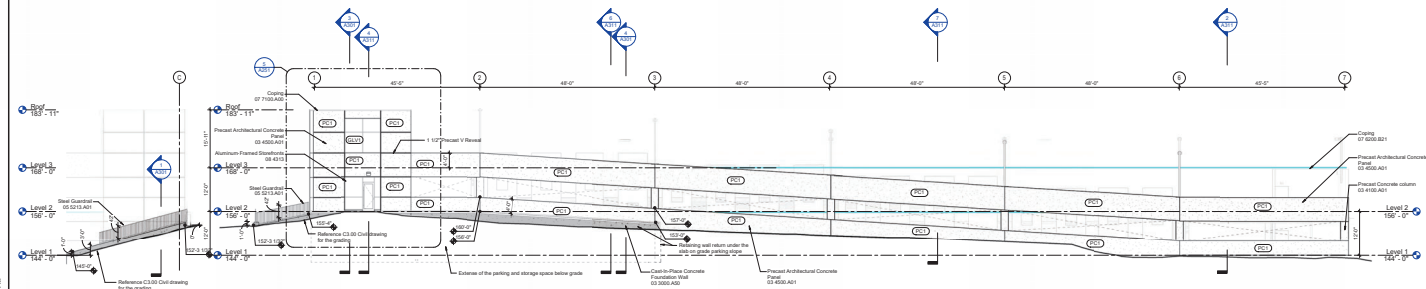
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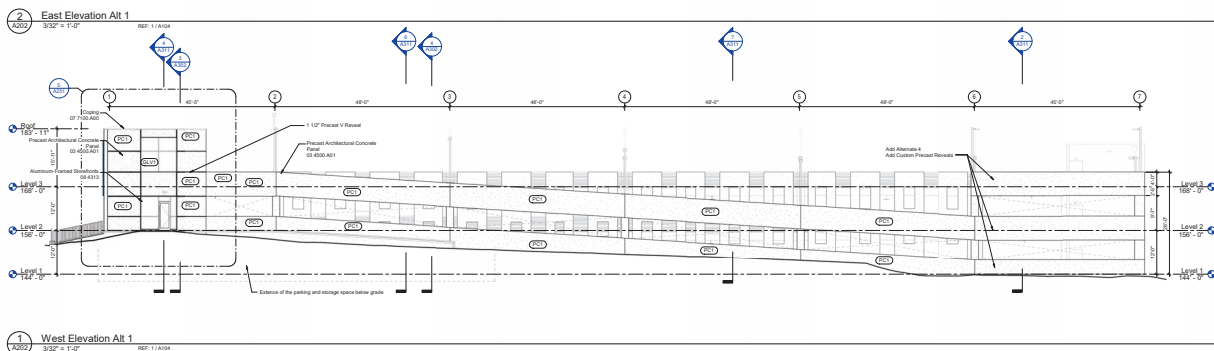
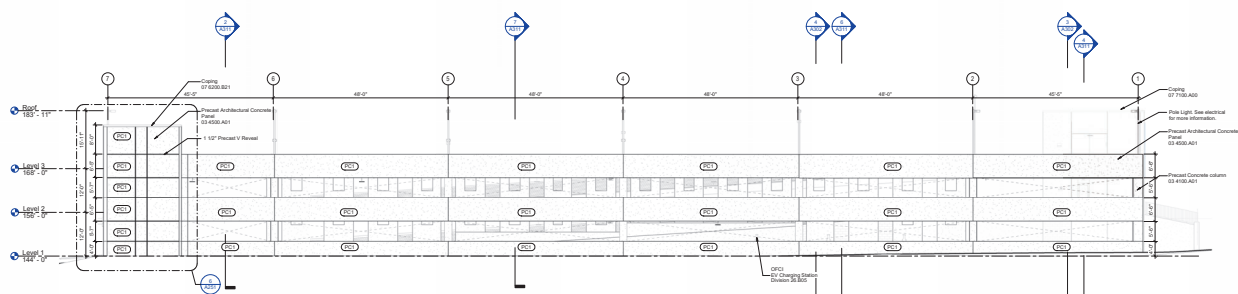
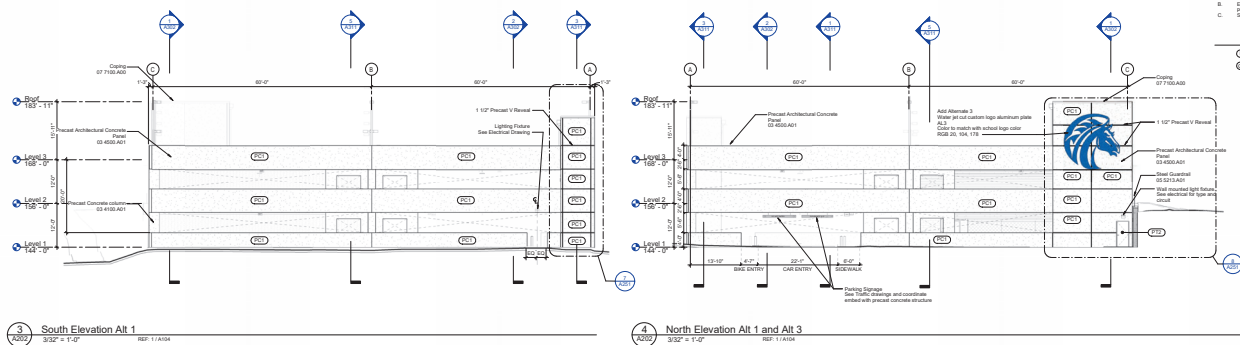


4 North Elevation
A201 3/32" = 1'-0"



1 West Elevation
A201 3/32" = 1'-0"





General Note

- Exterior lighting fixture conduit to be concealed inside the building envelope
- Exterior signage anchor location is to be coordinated with precast concrete joints and reinforce the dowel connection
- See A601 for Material List



DUDA | PAINE
ARCHITECTS



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

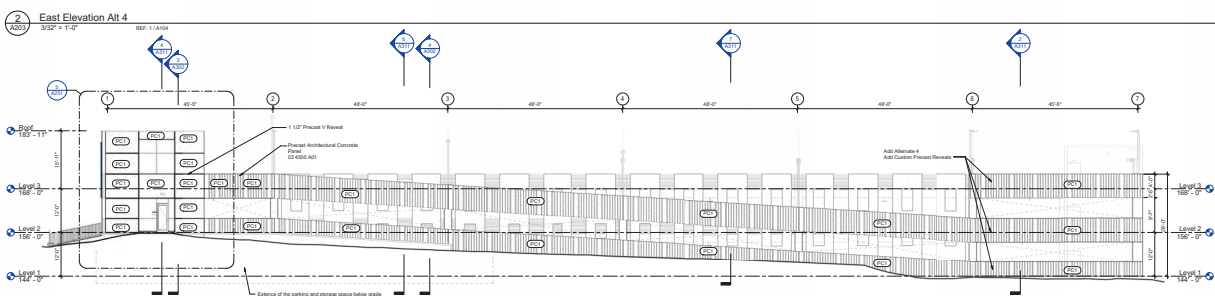
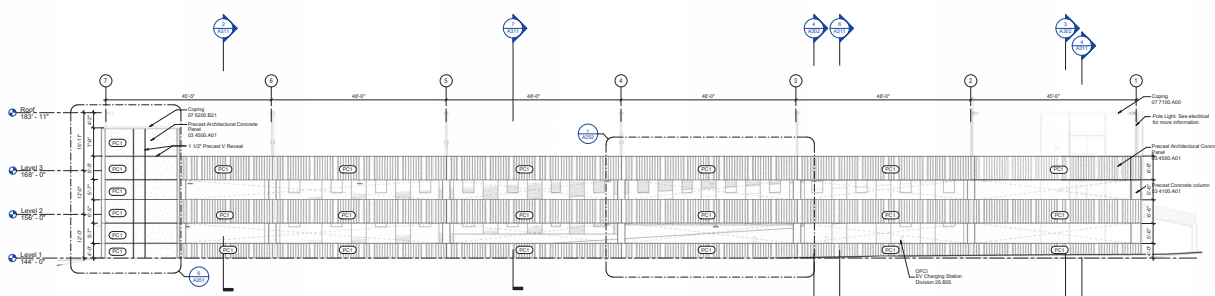
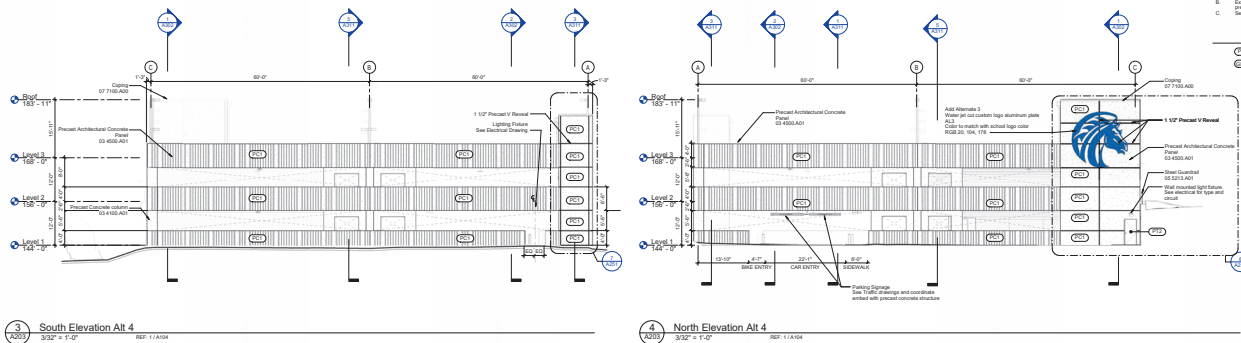
BID SET

**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2025
Project Number:	22303

**Exterior
Elevations Alt 1
and Alt 3**

A202



General Note

- A. Exterior lighting fixture conduit to be concealed inside the building envelope
- B. Exterior signage anchor location is to be coordinated with precast concrete joints and reinforce the dowel connection
- C. See ASD1 for Material List

Material Legend

- ☐ PCT Precast Concrete Panel
☐ GGV Clear Vision Glass



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET

[illegible]

**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 20
Project Number:	22

**Exterior
Elevations Alt 4**

Exterior Elevations Alt 4

A203

General Note

A. Exterior lighting fixture shall be coordinated with the building exterior.

B. Exterior lighting fixture location is to be coordinated with the building exterior and shall be coordinated with the street lighting.

C. See A201 for Material List.

Material Legend

PCF Precast Concrete Panel

CG Clear Vision Glass



OWNER
 FSU Parking Deck
 1350 Martin Luther King Drive, Fayetteville, NC 28301

ARCHITECT
 DUDA | PAINE ARCHITECTS
 1000 W. 1st Street, Suite 200
 Fayetteville, NC 28301
 Phone: 919.488.1111
 Fax: 919.488.1112
 Email: info@dudapaine.com
 Website: www.dudapaine.com

DATE
 03/14/2018

PROJECT
 FSU Parking Deck
 1350 Martin Luther King Drive, Fayetteville, NC 28301

DESCRIPTION
 Exterior Elevations Alt 5
 Bid Set



FSU Parking Deck
 1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET
 800 DW 28-2829-02-A

The following is a summary of the project information. It is not intended to be a substitute for the project description or the project specifications. It is intended to provide a general overview of the project.

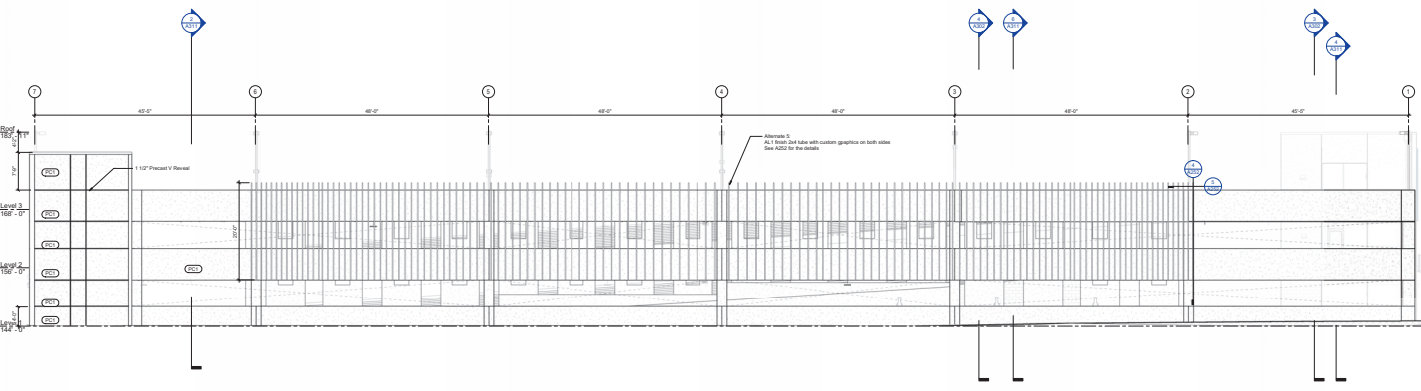
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CONSTRUCTION DOCUMENTS - BID SET

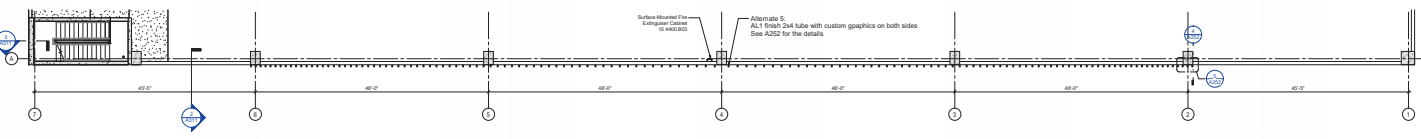
Project Name: FSU Parking Deck
 Project Number: 28-2829-02-A
 Date: 03/14/2018
 Project Location: Fayetteville, NC 28301

Exterior Elevations Alt 5

A204



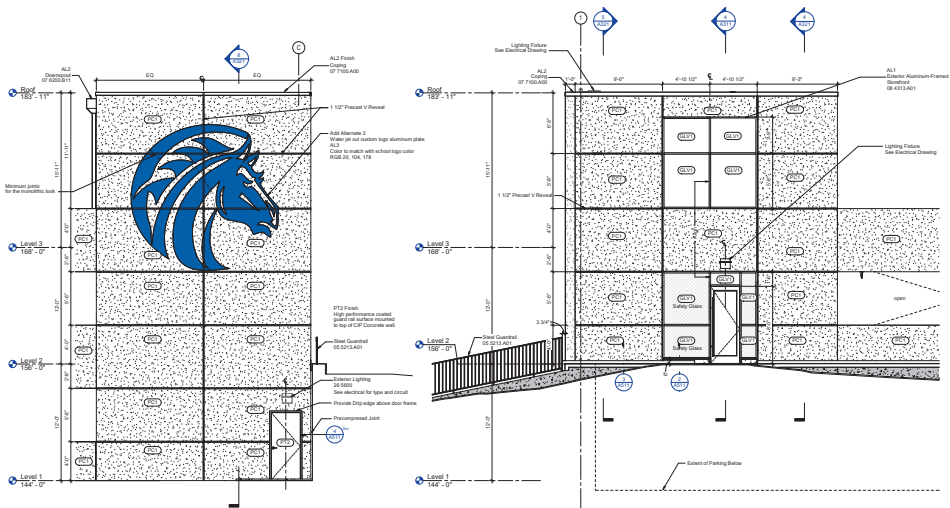
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1 Floor Plan - Level 2 Add Alt 5
 1/8" = 1'-0" REF: 1/A201

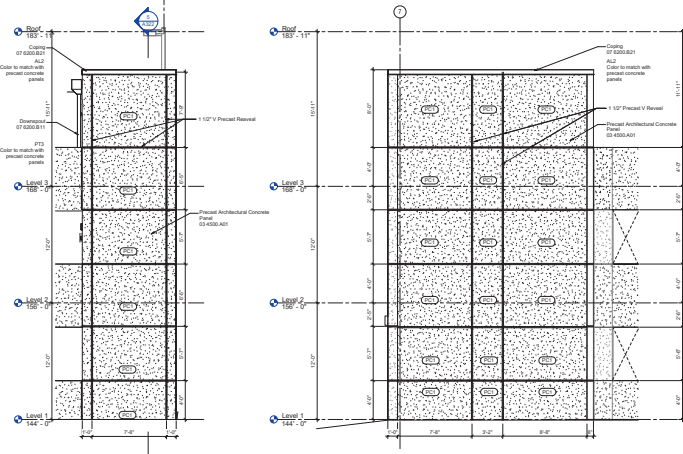
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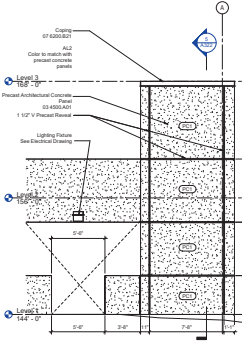
6 Enlarged Elevation - Elevator Tower

5 Enlarged Elevation - Elevator Tower Entrance

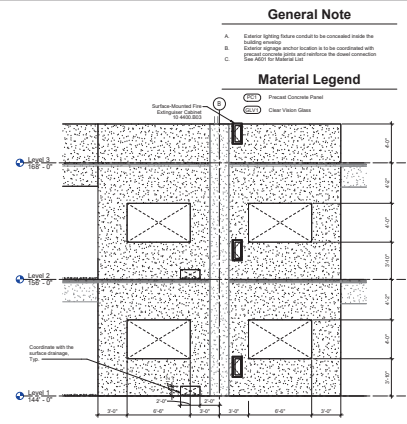


7 Enlarged Elevation Alt 1- Stair Tower South

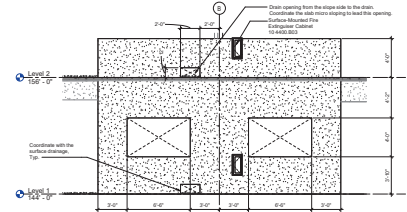
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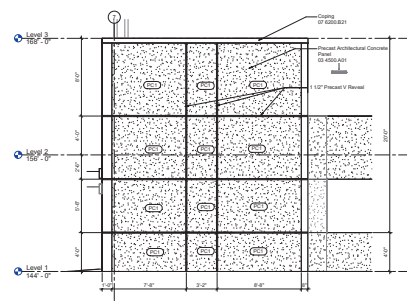
4 Enlarged Elevation - Stair Tower Entrance



3 Enlarged Elevation - Shear Wall Alt 1



2 Enlarged Elevation - Shear Wall Base Condition



1 Enlarged Elevation - Stair Tower

General Note

- Existing lighting fixtures shall be maintained in the building structure.
- Existing lighting fixtures shall be maintained in the building structure.
- Existing lighting fixtures shall be maintained in the building structure.

Material Legend

- Concrete
- Steel
- Aluminum
- Brick
- Block
- Tile
- Paint
- Finish
- Material



DUDA PAINE ARCHITECTS

1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET

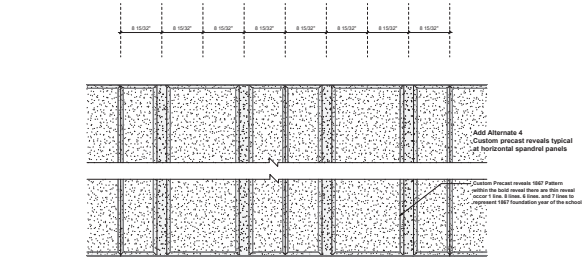
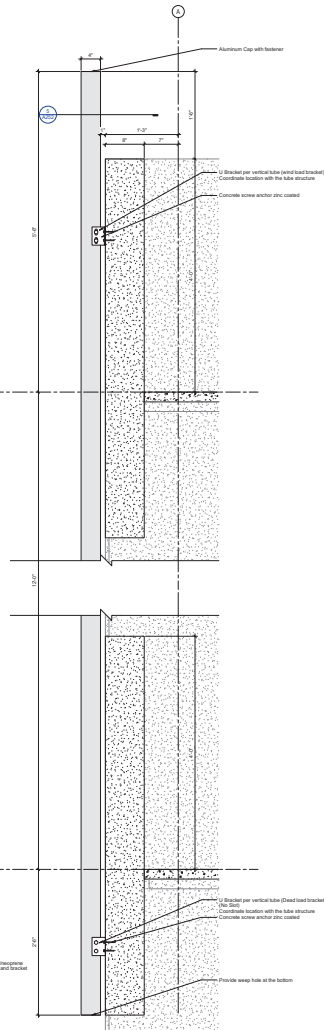
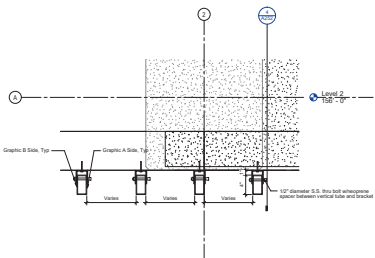
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CONSTRUCTION DOCUMENTS - BID SET

March 18, 2025

Enlarged Exterior Elevations

A251



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET
SCO IDN: 23-26220-02-A

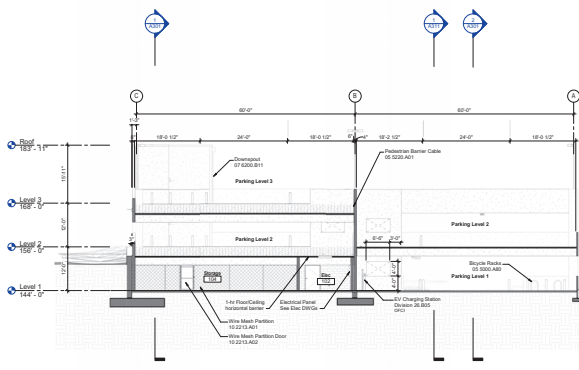
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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2025
Project Number:	22303

**Enlarged Exterior
Elevations Alt 4
and Alt 5**

A252



4 East/West Section
A301 3/32" = 1'-0" REF: 1 / A101



2 North/South Section 1
A301 3/32" = 1'-0" REF: 1 / A101



1 North/South Section at Ramp
A301 $3/32" = 1'-0"$ REF: 1 / A301

A. See Structural DWG for the footing depth and locations.



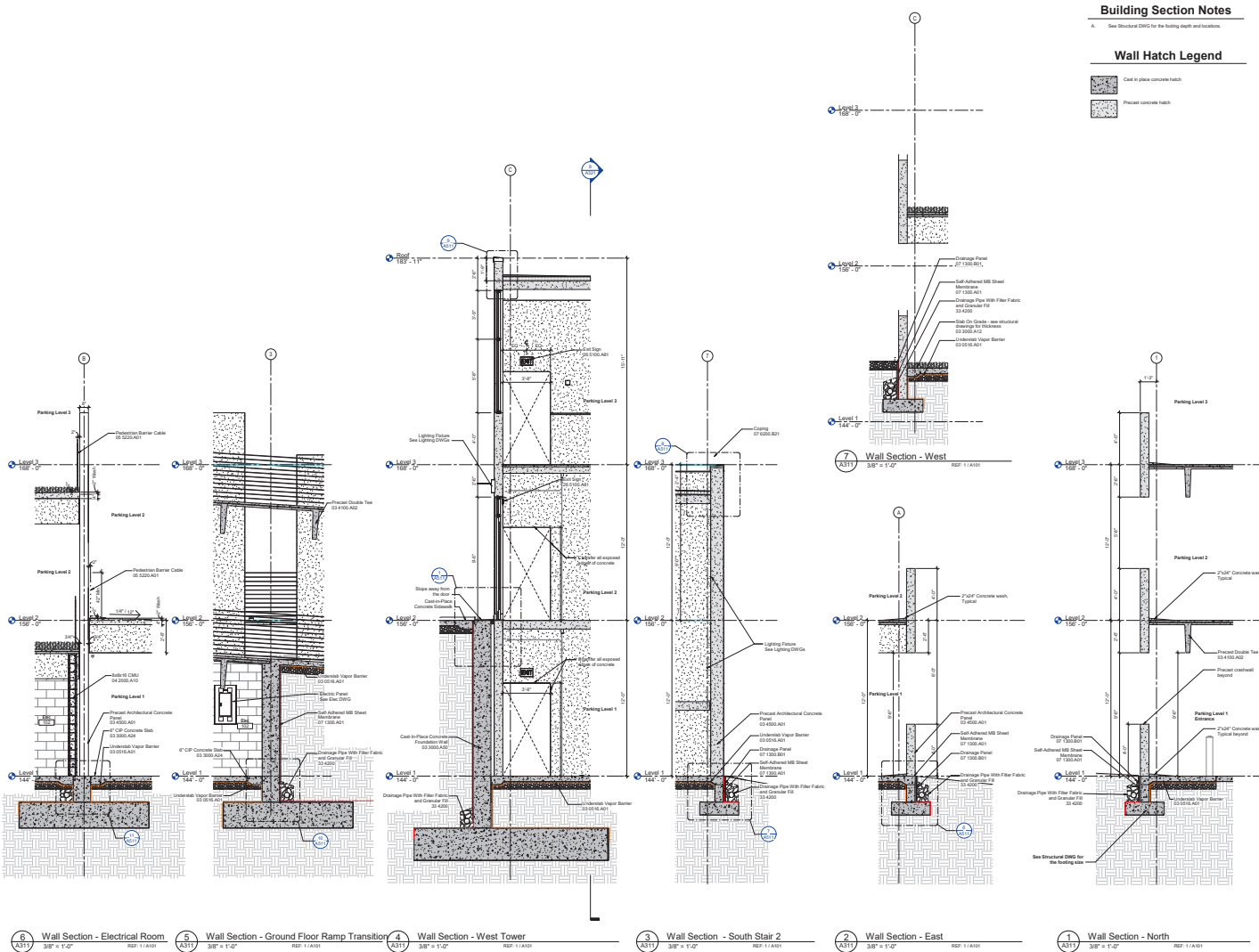
**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date: March 14, 2025
Project Number: 22103

Building Sections

A301

3/15/2025 2:43:51 PM



PROJECT: FSU Parking Deck
LOCATION: 1350 Martin Luther King Drive, Fayetteville, NC 28301
DATE: 03/14/25
DESIGNER: DUDA | PAINE ARCHITECTS
CLIENT: Fayetteville City of Public Works
ARCHITECT: DUDA | PAINE ARCHITECTS
ENGINEER: DUDA | PAINE ARCHITECTS
LANDSCAPE ARCHITECT: DUDA | PAINE ARCHITECTS
INTERIOR DESIGNER: DUDA | PAINE ARCHITECTS
MECHANICAL ENGINEER: DUDA | PAINE ARCHITECTS
ELECTRICAL ENGINEER: DUDA | PAINE ARCHITECTS
CIVIL ENGINEER: DUDA | PAINE ARCHITECTS
STRUCTURAL ENGINEER: DUDA | PAINE ARCHITECTS
ENVIRONMENTAL ENGINEER: DUDA | PAINE ARCHITECTS
ARCHITECTURAL RENDERING: DUDA | PAINE ARCHITECTS
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VIDEOGRAPHY: DUDA | PAINE ARCHITECTS
3D MODELING: DUDA | PAINE ARCHITECTS
ANIMATION: DUDA | PAINE ARCHITECTS
EXHIBIT DESIGN: DUDA | PAINE ARCHITECTS
GRAPHIC DESIGN: DUDA | PAINE ARCHITECTS
WEB DESIGN: DUDA | PAINE ARCHITECTS
MOBILE APP DESIGN: DUDA | PAINE ARCHITECTS
UI/UX DESIGN: DUDA | PAINE ARCHITECTS
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MARKETING STRATEGY: DUDA | PAINE ARCHITECTS
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PLAY WRITING: DUDA | PAINE ARCHITECTS
SCREENPLAY WRITING: DUDA | PAINE ARCHITECTS
SCRIPT WRITING: DUDA | PAINE ARCHITECTS
DOCUMENTARY WRITING: DUDA | PAINE ARCHITECTS
NEWS WRITING: DUDA | PAINE ARCHITECTS
OPINION WRITING: DUDA | PAINE ARCHITECTS
EDITORIAL WRITING: DUDA | PAINE ARCHITECTS
FEATURE WRITING: DUDA | PAINE ARCHITECTS
INVESTIGATIVE WRITING: DUDA | PAINE ARCHITECTS
REPORTAGE WRITING: DUDA | PAINE ARCHITECTS
TRAVEL WRITING: DUDA | PAINE ARCHITECTS
FOOD WRITING: DUDA | PAINE ARCHITECTS
LIFESTYLE WRITING: DUDA | PAINE ARCHITECTS
ENTERTAINMENT WRITING: DUDA | PAINE ARCHITECTS
SPORTS WRITING: DUDA | PAINE ARCHITECTS
MUSIC WRITING: DUDA | PAINE ARCHITECTS
DANCE WRITING: DUDA | PAINE ARCHITECTS
THEATRE WRITING: DUDA | PAINE ARCHITECTS
PERFORMANCE WRITING: DUDA | PAINE ARCHITECTS
VIDEO GAME WRITING: DUDA | PAINE ARCHITECTS
BOARD GAME WRITING: DUDA | PAINE ARCHITECTS
TABLETOP WRITING: DUDA | PAINE ARCHITECTS
ROLEPLAYING WRITING: DUDA | PAINE ARCHITECTS
WARGAMING WRITING: DUDA | PAINE ARCHITECTS
SCIENCE FICTION WRITING: DUDA | PAINE ARCHITECTS
FANTASY WRITING: DUDA | PAINE ARCHITECTS
MYSTERY WRITING: DUDA | PAINE ARCHITECTS
THRILLER WRITING: DUDA | PAINE ARCHITECTS
NOVEL WRITING: DUDA | PAINE ARCHITECTS
SHORT STORY WRITING: DUDA | PAINE ARCHITECTS
POETRY WRITING: DUDA | PAINE ARCHITECTS
PLAY WRITING: DUDA | PAINE ARCHITECTS
SCREENPLAY WRITING: DUDA | PAINE ARCHITECTS
SCRIPT WRITING: DUDA | PAINE ARCHITECTS
DOCUMENTARY WRITING: DUDA | PAINE ARCHITECTS
NEWS WRITING: DUDA | PAINE ARCHITECTS
OPINION WRITING: DUDA | PAINE ARCHITECTS
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FEATURE WRITING: DUDA | PAINE ARCHITECTS
INVESTIGATIVE WRITING: DUDA | PAINE ARCHITECTS
REPORTAGE WRITING: DUDA | PAINE ARCHITECTS
TRAVEL WRITING: DUDA | PAINE ARCHITECTS
FOOD WRITING: DUDA | PAINE ARCHITECTS
LIFESTYLE WRITING: DUDA | PAINE ARCHITECTS
ENTERTAINMENT WRITING: DUDA | PAINE ARCHITECTS
SPORTS WRITING: DUDA | PAINE ARCHITECTS
MUSIC WRITING: DUDA | PAINE ARCHITECTS
DANCE WRITING: DUDA | PAINE ARCHITECTS
THEATRE WRITING: DUDA | PAINE ARCHITECTS
PERFORMANCE WRITING: DUDA | PAINE ARCHITECTS
VIDEO GAME WRITING: DUDA | PAINE ARCHITECTS
BOARD GAME WRITING: DUDA | PAINE ARCHITECTS
TABLETOP WRITING: DUDA | PAINE ARCHITECTS
ROLEPLAYING WRITING: DUDA | PAINE ARCHITECTS
WARGAMING WRITING: DUDA | PAINE ARCHITECTS
SCIENCE FICTION WRITING: DUDA | PAINE ARCHITECTS
FANTASY WRITING: DUDA | PAINE ARCHITECTS
MYSTERY WRITING: DUDA | PAINE ARCHITECTS
THRILLER WRITING: DUDA | PAINE ARCHITECTS
NOVEL WRITING: DUDA | PAINE ARCHITECTS
SHORT STORY WRITING: DUDA | PAINE ARCHITECTS

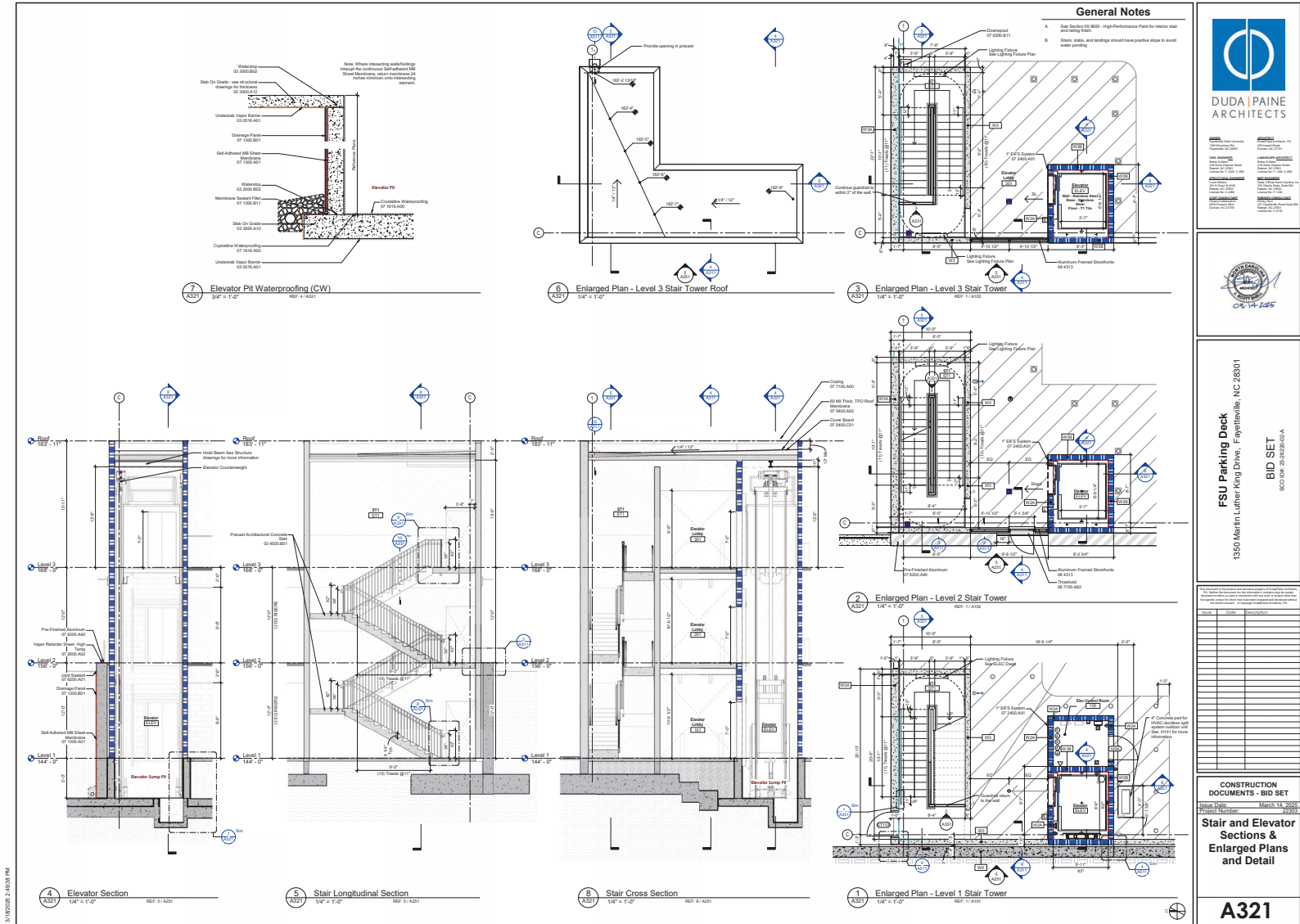


FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301
BID SET
S00 DW 23-2529-02-A

DATE	DESCRIPTION
03/14/25	Initial Design
03/14/25	Final Design
03/14/25	Construction Documents
03/14/25	Bid Set

CONSTRUCTION DOCUMENTS - BID SET
March 14, 2025
Fayetteville, NC 28301
Wall Sections

A311



DUDA PAINE ARCHITECTS

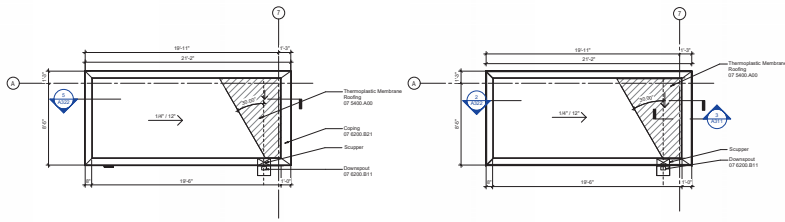
FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET
800 DW 28-2929-02-A

CONSTRUCTION DOCUMENTS - BID SET			
Sheet	Date	Description	Author
A321	March 18, 2024	Stair and Elevator Sections & Enlarged Plans and Detail	

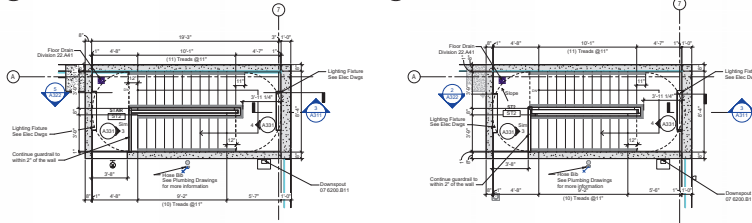
A321

3/15/2025 2:40:42 PM



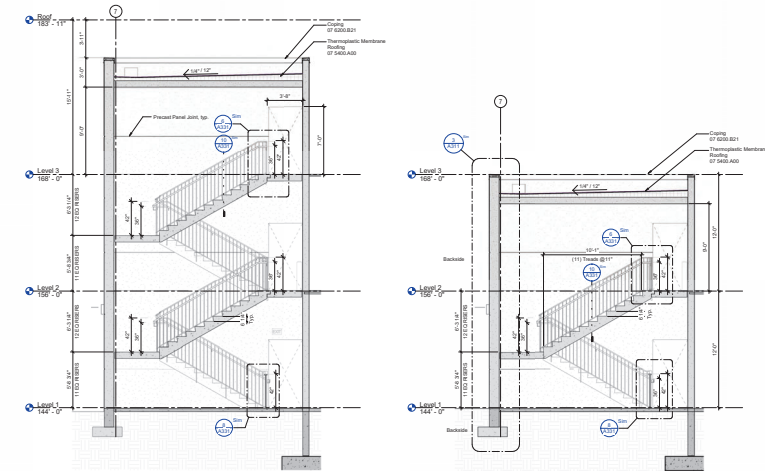
7 Enlarged Plan - Level 3 North Stair Roof Alt 2
1/4\" = 1'-0\"
REF: 1-A100

4 Enlarged Plan - Level 3 North Stair Roof
1/4\" = 1'-0\"
REF: 1-A100



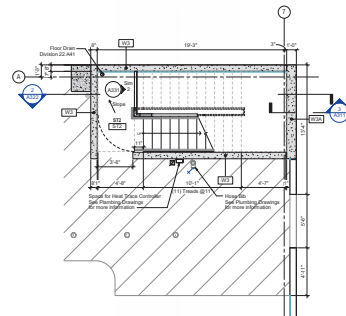
6 Enlarged Plan - Level 3 North Stair Roof Alt 1
1/4\" = 1'-0\"
REF: 1-A100

3 Enlarged Plan - Level 2 North Stair
1/4\" = 1'-0\"
REF: 1-A100



5 North Stair Longitudinal Section Alt 1
1/4\" = 1'-0\"
REF: 1-A100

2 North Stair Longitudinal Section
1/4\" = 1'-0\"
REF: 1-A100



1 Enlarged Plan - Level 1 Stair 2
1/4\" = 1'-0\"
REF: 1-A100

General Notes

- See Section 09-6000 - High-Performance Paint for interior stair assembly finish.
- Stair, vision, and handrails should have positive steps to avoid water ponding.



DUDA PAINE ARCHITECTS
1350 Martin Luther King Drive, Fayetteville, NC 28301
910.484.1234
www.dudapaine.com



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET
S00 DW 23-020-02-A

Sheet No.	Revision	Date	Description
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

CONSTRUCTION DOCUMENTS - BID SET
Project No. 23-020
March 18, 2024
Stair Sections & Enlarged Plans

A322



BID SET
SCO IDN: 23-26220-02-4

[illegible]

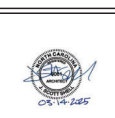
**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2025
Project Number:	22303

**Exterior Assembly
Types - Vertical**

A501

SECTION		SECTION		SECTION		SECTION	
<p>PLAN</p> <p>14" CONCRETE FOUNDATION WALL</p>		<p>PLAN</p> <p>8" PRECAST CONCRETE</p>		<p>PLAN</p> <p>8" CMU WALL</p>		<p>PLAN</p> <p>8" CMU CONCRETE GRAB WALL</p>	
<p>MARK DESCRIPTION OF VARIATION</p> <p>PLAN 12" Concrete Foundation Wall</p>		<p>MARK DESCRIPTION OF VARIATION</p> <p>PLAN 12" Precast Concrete</p>		<p>MARK DESCRIPTION OF VARIATION</p> <p>PLAN 12" CMU Grab Wall</p>		<p>MARK DESCRIPTION OF VARIATION</p>	

A511

Note: All dimensions shown suitable for 6 inch thick unit alternative noted

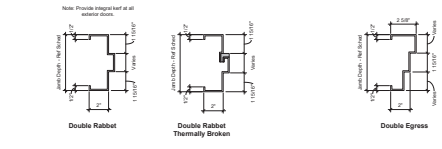
F - Flush
SFI = Standard Insulation Style

DAP DOUBLE ACTING PAIR
DF DOUBLE FRAME
FLD FOLDING DOOR
HM HOLLOW METAL NOT APPLICABLE
NA NO HOOD OR FRAME OVERHEAT COILING DOOR
PD POCKET DOOR
PLW PLASTIC LAMINATE FACED WOOD
PS PAIR OF DOORS
REV REVOLVING DOOR
RS SMOKE & DRAFT CONTROL DOOR
SSL SINGLE DOOR
SLB SLIDING DOOR
SSLS SLIDING SCREEN DOOR
SST STAINLESS STEEL
LPM LEADEN PEARL
WD WOOD
WM WITH HOLLOW METAL
WE EXISTING WOOD

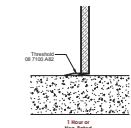
Legend - Door Types

Legend - Frame Types

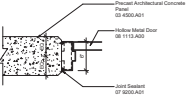
FSU PARKING DECK MATERIAL SCHEDULE								
Basis of Design								
Type Mark	Specification Section	Description	Manufacturer	Style	Color	Finish	Size	Notes
FLOOR FINISHES								
CF11	03 3511	Concrete Floor Finish; Hardener/Densifier	N/A	N/A	N/A	Broom Finish	N/A	N/A
BASE FINISHES								
RB1	09 6500	Resilient Base	Tarkett	Baseworks	Web Gray, SW 7075	N/A	1/4" Height	BOH Wall Base
EXTERIOR FINISHES								
GLV1	08 8000	Insulated Glazing Vision	Guardian	SN62/27	Clear	N/A	1"	Safety Glass at entry
PC1	03 4100	Precast Structural Concrete	N/A	N/A	Darker Gray Color in the standard pricing range	Sandblasted	See drawings for details. Match panel joints with the reveal locations on elevations.	Exterior perimeter precast wall to be darker tone finish.
E1FS1	07 2400	Exterior Insulation Finishing System	Slo	TBD	White	N/A	1"	Elevator Door Wall Finish
TILING								
T1	09 3000	Wall Tile	Stone Source	Sienna Stones	Slate Black	Natural	0.5mm 12" x 24"	Elevator Cab Floor
METAL FINISHES								
AL1	Varies	Aluminum Finish	Sherwin Williams	Fluorpon Classic II	Onyx, E 399C/7783	N/A	See drawings for details.	Curtain wall mullions
AL2	Varies	Aluminum Finish	Sherwin Williams	Fluorpon 70% PVDF	Castlerock IC 432B/4168 Match with PT2 in standard color palette	N/A	See drawings for details.	Coping, Scupper Box, Downspout, etc.
AL3	Varies	Aluminum Finish	Sherwin Williams	N/A	PANTONE PMS 7684 C/ RGB (20,104,178) Custom Color to match with School Branding	N/A	See 8/2A51 drawings for details.	ALT3 LOGO signage
AL4	Varies	Aluminum Finish	TBD	N/A	TBD	N/A	See 8/2A52 drawings for details.	ALT5 Vertical tube precast cladding finish Custom graphic sublimation powder coating
SS1B	05 7500	Stainless Steel Base	N/A	N/A	N/A	Satin #4	4" x 0.063"	Elevator Cab Wall Base
PAINT								
PT1	09 9000 Series	Paint Color	Sherwin Williams	N/A	Snowbound SW 7004	As specified	N/A	
PT2	09 9000 Series	Paint Color	Sherwin Williams	N/A	Web Gray, SW 7075	As specified	N/A	



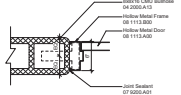
E1 Hollow Metal Door Frame Detail
A601 3" = 1'-0"



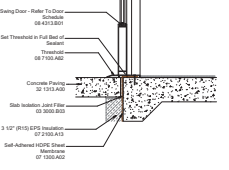
5 Interior Door Detail
A601 1 1/2" = 1'-0"



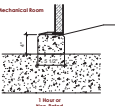
4 Typical Head/Jamb at Concrete
A601 1 1/2" = 1'-0"



3 Typical Head/Jamb at CMU
A601 1 1/2" = 1'-0"



2 Typical Exterior Storefront Threshold
A601 1 1/2" = 1'-0"



1 Interior Door Detail at Curb
A601 1 1/2" = 1'-0"

BID SET
SCO IDW: 23-26220-02-4A

3D Views

3/18/2025 2:50:11 PM



- EV1** "ELECTRIC VEHICLE INSTALLED": DENOTES ELECTRIC VEHICLE PARKING SPACE THAT INCLUDES INSTALLATION OF ELECTRIC VEHICLE SUPPLY EQUIPMENT / EV CHARGING STATION. SEE TPS 000 FOR EV CHARGING SIGNAGE TO BE INCLUDED AT EACH SPACE PROVIDED.

NOTE:
1. OF THE COMBINED (b) EV/ELECTRIC VEHICLE PARKING SPACES, (f) OF THESE STALLS IS VAN ACCESSIBLE, BUT IS NOT COUNTED IN THE ACCESSIBLE SPACES SHOWN IN THE PARKING SUMMARY ABOVE.

LEVEL KEY



TR102

NOTES:

1. SEE SHEET TR101 FOR STRIPING NOTES

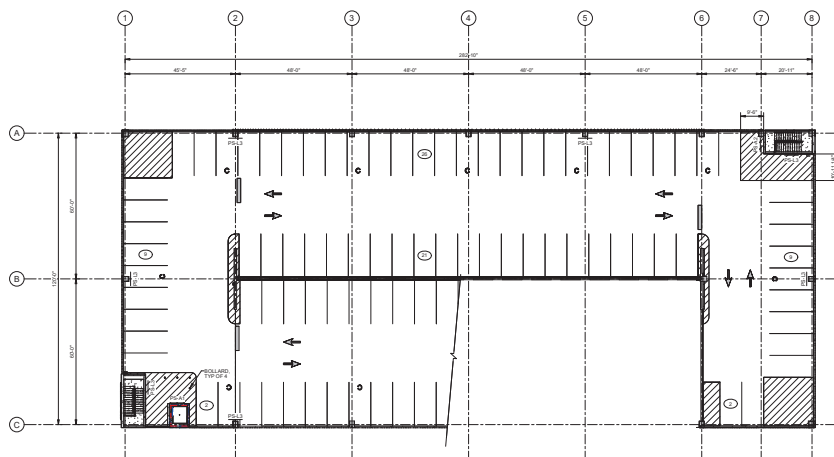
PARKING LEGEND

- | 21 | |
|---|--|
|  | DENOTES NUMBER OF PARKING SPACES SPACED BETWEEN CURBS OR CURB ISLANDS; PAVED ISLANDS, ETC. |
|  | DENOTES CROSS-HATCHED PARKING AREA. DIMENSIONS SHOWN ON PLAN SHALL BE TO CENTER OF PARKING STRIPS. |
|  | DENOTES ACCESSIBLE PARKING SPACE. |
|  | DENOTES "STOP" BAR AND WORD TO BE PAINTED ON FLOOR. |
|  | DENOTES PAVEMENT ARROW MARKING TO BE PAINTED ON FLOOR. |
| PS-1 | DENOTES PLATE METAL SIGN, TYPE PS-1, SEE TRSD01 |
| HB-1 | DENOTES HEADACHE BAR, TYPE HB-1, SEE TRSD01 |
| EVI | "ELECTRIC VEHICLE INSTALLER" DENOTES ELECTRIC VEHICLE PARKING SPACE, THAT INCLUDES INSTALLATION OF ELECTRICAL SUPPLY EQUIPMENT AT CHARGING STATION. SEE TYP. 100 FOR EV CHARGING SIGNAGE TO BE INCLUDED AT EACH SPACE. |

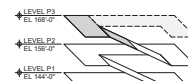
PARKING SUMMARY - ALTERNATE 1						
LEVEL	TYPICAL	COMPACT	ACCESSIBLE	ACCESSIBLE VAN	EVI	TOTAL
LEVEL P3	61	8	0	0	0	69
LEVEL P2	96	13	3	0	0	112
LEVEL P1	85	14	2	2	6	109
TOTAL	242	35	5	2	6	290

NOTE:

1. OF THE COMBINED (8) EVI ELECTRIC VEHICLE PARKING SPACES, (1) OF THESE SPACES ARE VAN ACCESSIBLE, BUT IS NOT COUNTED IN THE ACCESSIBLE SPACES SHOWN IN THE PARKING SUMMARY ABOVE.
2. THE NUMBER OF ACCESSIBLE SPACES IS THE SAME IN THE ALTERNATE PARKING LAYOUTS AS IT IS IN THE BASE BID PARKING LAYOUT.



1 STRIPING PLAN - LEVEL P3 - ALTERNATE 1
TR103 SCALE: 1/16" = 1'-0"

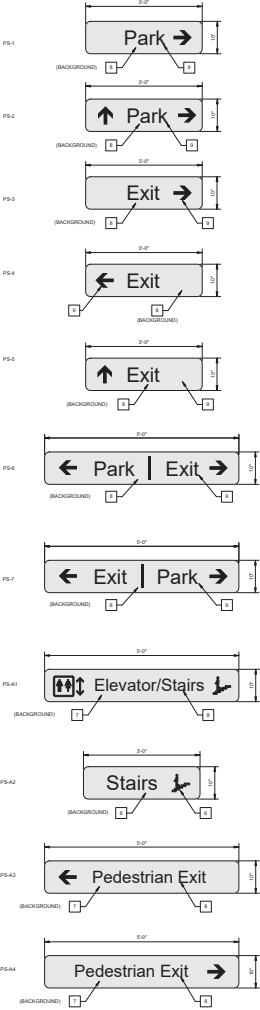


LEVEL KEY - ALTERNATE

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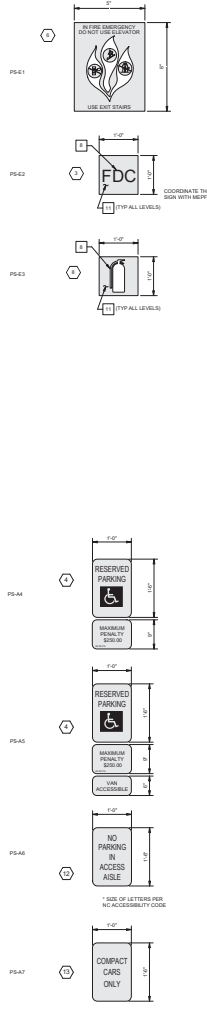
SIGN MARK

SYMBOL



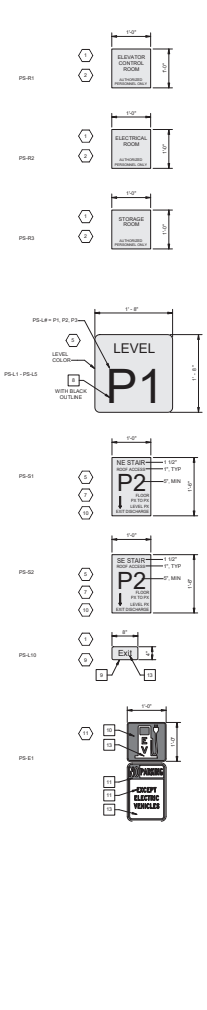
SIGN MARK

SYMBOL



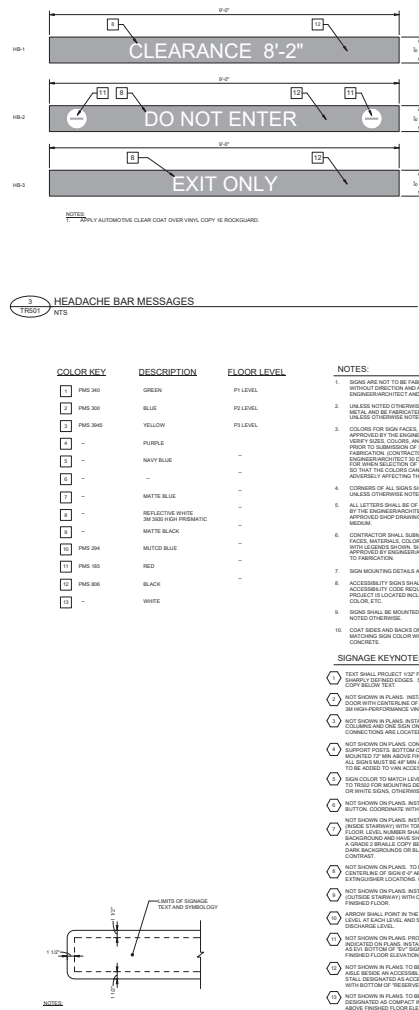
SIGN MARK

SYMBOL



SIGN MARK

SYMBOL



1 SIGNAGE DETAILS

2 PLATE METAL SIGNAGE LETTERING DETAIL

DUDA PAINE ARCHITECTS

1100 S. W. 15th Ave., Suite 200
Fort Lauderdale, FL 33311
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Fax: 954.574.1101
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SEAL OF THE STATE OF NORTH CAROLINA

By David P. Paine, Architect
11/11/2021

31ST STREET GARAGE STEM REPAIR

Fayetteville, NC

BID SET

800 DM 23-229-02-A

Item	Quantity	Unit	Description
1	1	Sq. Ft.	Garage Stem Repair
2	1	Sq. Ft.	Garage Stem Repair
3	1	Sq. Ft.	Garage Stem Repair
4	1	Sq. Ft.	Garage Stem Repair
5	1	Sq. Ft.	Garage Stem Repair
6	1	Sq. Ft.	Garage Stem Repair
7	1	Sq. Ft.	Garage Stem Repair
8	1	Sq. Ft.	Garage Stem Repair
9	1	Sq. Ft.	Garage Stem Repair
10	1	Sq. Ft.	Garage Stem Repair
11	1	Sq. Ft.	Garage Stem Repair
12	1	Sq. Ft.	Garage Stem Repair
13	1	Sq. Ft.	Garage Stem Repair
14	1	Sq. Ft.	Garage Stem Repair
15	1	Sq. Ft.	Garage Stem Repair
16	1	Sq. Ft.	Garage Stem Repair
17	1	Sq. Ft.	Garage Stem Repair
18	1	Sq. Ft.	Garage Stem Repair
19	1	Sq. Ft.	Garage Stem Repair
20	1	Sq. Ft.	Garage Stem Repair

CONSTRUCTION DOCUMENTS - BID SET

DATE: 11/11/2021

PROJECT: 31ST STREET GARAGE STEM REPAIR

SIGNAGE DETAILS

TR501

3 ACCESSIBLE VAN SPACE
TR503 SCALE: 3/16" = 1'-0"

8. ALL POST INSTALLED ANCHORS REQUIRE CONTINUOUS SPECIAL INSPECTIONS TO VERIFY INSTALLATION HAS BEEN PERFORMED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. REFERENCE THE STATEMENT AND SCHEDULE OF SPECIAL INSPECTIONS FOR ADDITIONAL INFORMATION.

ARCH	ARCHITECT
BUILD	BUILDING EXPANSION JON
BDO	BOND
BM	BEAM
BO	BOLT
BOS	BOTTOM OF DECK
BOU	BOTTOM
BOU	BOTTOM
BTM	BOTTOM
BTWN	BETWEEN
BU	BUILDING
BU	BUILDING METAL
CL	CLAMP
CJ	CONCRETE JOINT
CL	CENTERLINE
CL	CLAMP
CMU	CONCRETE MASONRY UNIT
CMU	CONCRETE MASONRY UNIT
CMU	CONCRETE
CMU	CONCRETE
CONSTR	CONSTRUCTION
CONSTR	CONSTRUCTION
COORD	COORDINATE
COORD	COORDINATE
CTR	CENTERED
DBL	DOUBLE
DBL	DOUBLE
DWG	DRAWINGS
DWG	DRAWINGS
EJ	EXPANSION JOINT
EMBED	EMBEDMENT
EMBED	EMBEDMENT
EOS	EDGE OF SLAB
EOS	EDGE OF SLAB
EXIST	EXISTING
EXIST	EXISTING
EXT	EXTERNAL
EXT	EXTERNAL
EXT	EXTERNAL
EXT	EXTERNAL
FMG	FOUNDATION
FMG	FOUNDATION
FOOT	FOOTING
FOOT	FOOTING
FX	FIELD VEY
FX	FIELD VEY
GEN	GENERAL
GEN	GENERAL
H	HIGH
H	HIGH
HORIZ	HORIZONTAL
HORIZ	HORIZONTAL
HSS	HOLD
HSS	HOLD
JOB	JOIST BEARING ELEVATION
JOB	JOIST BEARING ELEVATION
KEY	KEYED CONSTRUCTION
KEY	KEYED CONSTRUCTION

	= SECTION DETAIL NUMBER LETTER
	= SHEET NUMBER WHERE SECTION DETAIL IS DRAWN
	= COLUMN GRID MARK
	= PLAN KEY NOTE MARK
	= DIRECTION OF SLOPE
	= CHANGE IN ELEVATION MARK
	= CHANGE IN SLOPE MARK
	= SLAB-ON-GRADE JOINT MARK
WFX	= WALL FOOTING MARK
CFX	= COLUMN FOOTING MARK
	= TOP OF FOOTING ELEVATION MARK
	= TOP OF SLAB ELEVATION MARK
	= BEARING WALL EXTENDING FLOOR / ROOF MARK
	= BEARING WALL TERMINATING BELOW FLOOR / ROOF MARK
	= EXTERIOR WALL TERMINATING BELOW FLOOR / ROOF MARK
	= PRECAST CONCRETE MARK

1. SHOP DRAWINGS AND SUBMITTALS MUST BEAR THE CONTRACTOR'S REVIEW STAMP WITH CHECKER'S INITIALS BEFORE BEING SUBMITTED TO THE ARCHITECT FOR APPROVAL.
2. WHEN THE CONTRACTOR HAS BEEN AUTHORIZED TO USE THE ARCHITECT'S AND / OR ENGINEER'S DRAWINGS AS SHOP DRAWINGS, THE CONTRACTOR MUST REMOVE ALL TITLE BLOCKS, PROFESSIONAL SEALS, AND ANY OTHER REFERENCE TO THE ARCHITECT AND / OR ENGINEER FROM THAT SHOP DRAWING.

BID SET

S002

MAT FOOTING SCHEDULE				
MARK	DEPTH	REINFORCING		REMARKS
		BOTTOM	TOP	
MF1	3'-0"	#10 AT 12" OC EW	#8 AT 12" OC EW	-
MF2	2'-0"	#7 AT 12" OC EW	#7 AT 12" OC EW	

02	24"x33" PRECAST CONCRETE COLLUMS.
08	8" THICK PRECAST CONCRETE STAIR/ELEVATOR CORE WALL.
09	ELEVATOR PIT SLAB. COORDINATE WITH SECTION.
10	SUMP PIT. REFERENCE TYPICAL SUMP PIT DETAILS AND ARCHITECTURAL FOR LOCATION.
11	8" NON-BEARING CMU WALL. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFERENCE GENERAL NOTES FOR REINFORCING AND TYPICAL DETAILS FOR ANCHORAGE AT BASE AND TOP.
14	8" THICK PRECAST CONCRETE GRADE SPANDREL BEAM.
15	30"x33" PRECAST CONCRETE COLLUMS.
16	8" THICK PRECAST CONCRETE STAIR/ELEVATOR CORE WALL.
17	WALL FOOTING REINFORCING SHALL BE CONTINUOUS THROUGH COLUMN FOOTINGS.
19	CAST-IN-PLACE CONCRETE PIER. REFERENCE ELEVATION AND PLAN DETAIL.
23	30"x39" CONCRETE PIER. REFERENCE PLAN DETAIL.
24	40"x44" CONCRETE PIER. REFERENCE PLAN DETAIL.
25	12" CONCRETE STEM WALL.
32	CMU CONCRETE GRADE SPANDREL CMU PARTITION. REFERENCE 35301 FOR REINFORCING.

TOP OF ALL COLUMN AND WALL FOUNDATIONS MUST BE AT
ELEVATION 14'0" UNLESS OTHERWISE NOTED.

NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE
CONTRACTOR SHALL LOCATE ALL UTILITIES, MANHOLES, SEWERS
AND INVERTS AT LOCATION WHERE UTILITIES PASS
THROUGH FOUNDATION. CONTRACTOR SHALL VERIFY ALL
UTILITIES ARE CORRECTLY LOCATED AND DEPTH. CONTRACTOR
SHALL SLEW THE UTILITY THROUGH THE FOUNDATION WALL
TO AVOID ANY DAMAGE TO THE UTILITY. CONTRACTOR SHALL
THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT
FOUNDATION" DETAIL.

UNLESS OTHERWISE INDICATED, EXTEND WALL FOOTINGS A
MINIMUM OF 8" BEHIND SIDE OF WALLS.

ALL DIMENSIONS TO ELEVATOR ROPS, PUMP PITS, RAIL SUPPORTS,
AND HOIST BEAMS SHALL BE ACCORDING TO THE MANUFACTURER'S
ALIGNMENT FOR BEARING PURPOSES ONLY. FINAL DIMENSIONS SHALL
BE DETERMINED BY THE CONTRACTOR.

REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO
NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ALL AN
ACTUAL FINISHED FIRST FLOOR ELEVATION OF 14'-0". FINISHED
FLOOR SHALL BE 1" ABOVE FINISHED GRADE. CONTRACTOR SHALL
VERIFY ALL DIMENSIONS OF ALL FRAMING PLANS, REFERENCE ARCHITECTURAL DRAWINGS FOR
FRAMING DETAILS.

NOT ALL SITE WALLS ARE SHOWN ON PLAN. CONTRACTOR MUST
COORDINATE CIVIL AND LANDSCAPE DRAWINGS FOR SITE WALL
POSITIONS.

DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN
OUTLINES AND OUTSIDE FACE OF FOUNDATION WALLS, UNLESS
OTHERWISE NOTED.



(1) $\frac{1}{32}'' = 1'-0''$



BID SET

[illegible]

CONSTRUCTION
DOCUMENTS - BID SET

Issue Date: March 14, 2025
Project Number: 22203

**FOUNDATION
PLAN**

S101

01 6" CONCRETE SLAB-ON-GRADE OVER 8" DEPTH OF POROUS FILT
UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH #4 AT 12" ON
EACH WAY. PROVIDE 1" CLEAR BELOW TOP OF SLAB.
MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS
OR SPACERS DURING CONCRETE PLACEMENT
02 33"x33" PRECAST CONCRETE WALL
03 8" THICK PRECAST CONCRETE LITE WALL
04 12" THICK PRECAST CONCRETE SHEAR WALL
05 12" THICK PRECAST CONCRETE STAIR/ELEVATOR CORE WALL
06 12" THICK BEARING WALL CONCRETE WALL
07 DRAWINGS FOR DIMENSIONS. REFERENCE GENERAL NOTES FOR
REINFORCING AND TYPICAL DETAILS FOR ANCHORAGE AT BASE
AND TOP
08 8" THICK PRECAST CONCRETE GRADE SPANDREL BEAM
09 33"x33" PRECAST CONCRETE COLLUMS
10 12" THICK PRECAST CONCRETE STAIR/ELEVATOR CORE WALL
11 CAST-IN-PLACE COLUMB PIER. REFERENCE ELEVATION AND PLAN
DETAIL
12 8" THICK PRECAST CONCRETE SPANDREL BEAM AT GRADE
13 PROVIDE TO SPAN FROM CURB TO CURB
14 8" WIDE CONCRETE CURB AT DOOR OPENING. COORDINATE TOP
OF CURB WITH ARCHITECT.

SLAB-ON-GRADE PLAIN NOTES

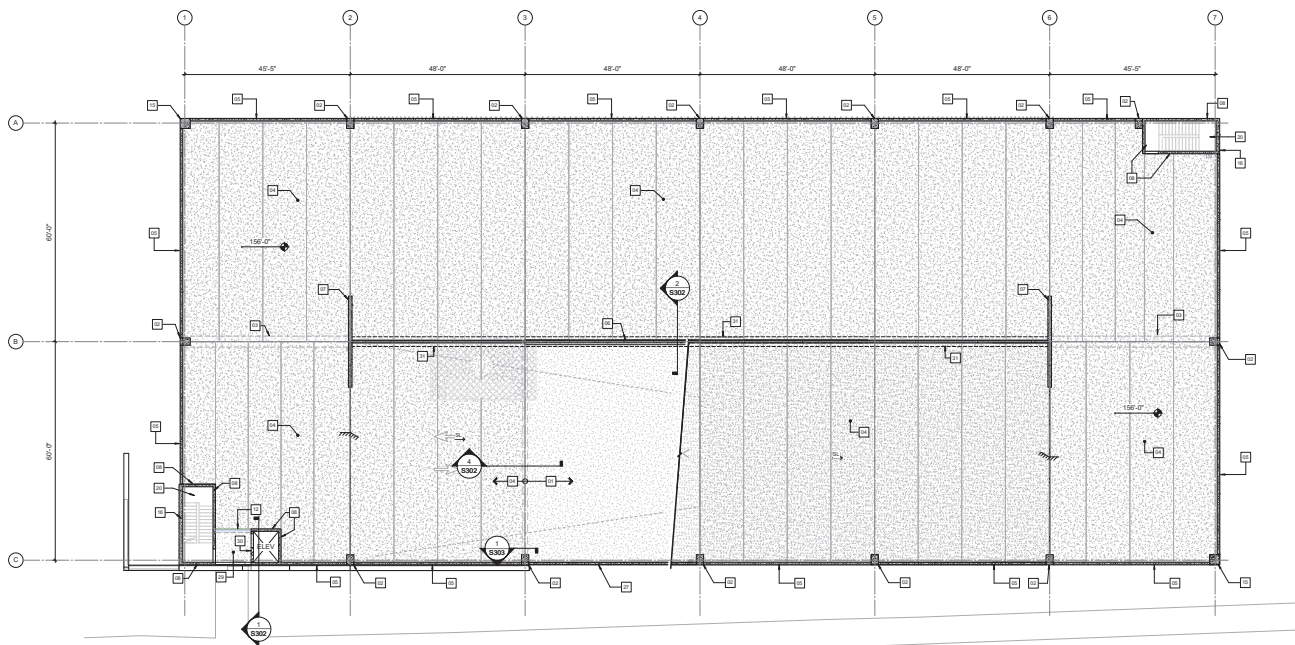
- 1. PLACE "1443" OF IN MIDDLE OF SLAB AT REINTRACT CORNERS WHERE SLAB CONTROL JOINT DOES NOT OCCUR.
- 2. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF SLAB DEPRESSIONS.
- 3. FLOOR DRAINS ARE NOT SHOWN ON PLAN. REFER TO PLUMBING DRAWINGS FOR LOCATIONS.
- 4. REFERENCE CIVIL DRAWINGS FOR EXTERIOR CONCRETE SLABS AND PAVING.
- 5. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NORMAL WALLS, WALL CONTROL JOINTS AND OPENINGS.
- 6. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON AN ACTUAL FINISHED FIRST FLOOR ELEVATION OF 144.0'. FINISHED FLOOR ELEVATIONS AT ALL WORK ARE TO BE INDICATED ON ALL FRAMING PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATTER.
- 7. SLAB-ON-GRADE JOINTS MUST BE SAILED JOINTS OR KEYED CONSTRUCTION JOINTS, UNLESS OTHERWISE NOTED.



- 41 6" CONCRETE SLAB-ON-GRADE OVER 8" DEPTH OF POROUS FILL
UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH #4 AT 12" ON
CENTER. PROVIDE 1" MIN. THICK POLYETHYLENE MEMBRANE TO PREVENT
BASEMENT WATER PENETRATION. REINFORCEMENT IN POSITION ON TOPSTEPS, CHAIRS
AND BARS DURING CONCRETE PLACEMENT.
- 42 24"x36" PRECAST CONCRETE COLUMN.
- 43 36"x36" PRECAST CONCRETE INVERTED TEE BEAM.
- 44 PRECAST CONCRETE DOUBLE TEE FRAMING (12" DEEP) 4" WIDE x 30" DEEP
WITH ONE TIE PER SPAN.
- 45 8" THICK PRECAST CONCRETE SPANDREL BEAM.
- 46 8" THICK PRECAST CONCRETE LITE WALL.
- 47 12" THICK PRECAST CONCRETE STAIR ELEVATOR CORE WALL.
- 48 8" THICK PRECAST CONCRETE STAIR ELEVATOR CORE WALL.
- 49 18"x36" PRECAST CONCRETE T-GIRDER.
- 50 12"x36" PRECAST CONCRETE T-GIRDER.
- 51 12" THICK PRECAST CONCRETE STAIR ELEVATOR CORE WALL.
- 52 PRECAST CONCRETE STAIR RISER AND LANDINGS.
- 53 8" THICK PRECAST CONCRETE INSIDE FINISH AT GRADE.
- 54 EXPOSED 8" SPAN 12" DEEP CONCRETE TO COLUMN.
- 55 PRECAST CONCRETE PLANK AT ELEVATOR LANDINGS.
- 56 PRECAST CONCRETE PLANK AT ELEVATOR LANDINGS.
- 57 ELECTRICAL CABLE BARRIER, REFER TO ARCHITECTURAL
DRAWINGS.

SLAB-ON-GRADE PLAIN NOTES

1. PLACE "1443" OF IN MIDDLE OF SLAB AT REINTRACT CORNERS WHERE SLAB CONTROL JOINT DOES NOT OCCUR.
2. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF SLAB DEPRESSIONS.
3. FLOOR DRAINS ARE NOT SHOWN ON PLAN. REFER TO PLUMBING DRAWINGS FOR LOCATIONS.
4. REFERENCE CIVIL DRAWINGS FOR EXTERIOR CONCRETE SLABS AND PAVING.
5. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NORMAL WALLS, WALL CONTROL JOINTS AND OPENINGS.
6. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON AN ACTUAL FINISHED FIRST FLOOR ELEVATION OF 144.0'. FINISHED FLOOR ELEVATIONS AT ALL WORK ARE TO BE INDICATED ON ALL FRAMING PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATTER.
7. SLAB-ON-GRADE JOINTS MUST BE SAILED JOINTS OR KEYED CONSTRUCTION JOINTS, UNLESS OTHERWISE NOTED.



1 FRAMING PLAN - LEVEL 2
3/32" = 1'-0"



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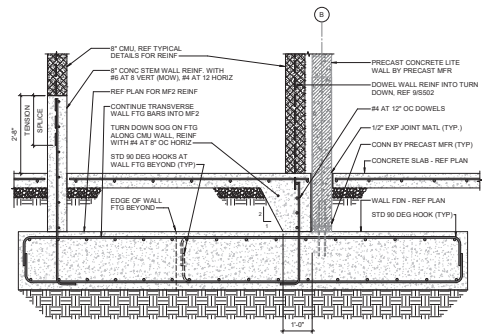
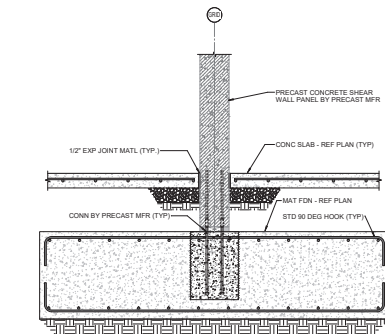
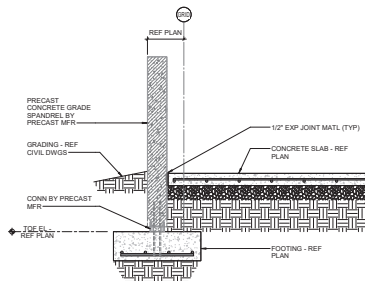
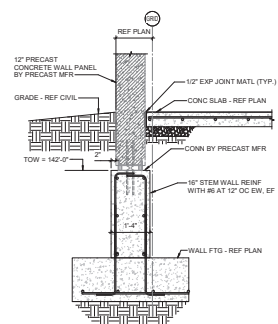
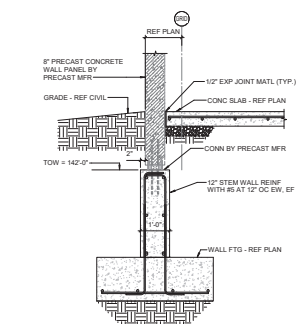
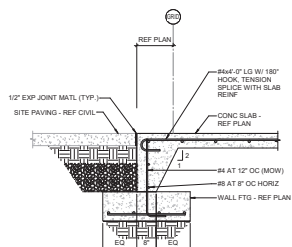
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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2025
Project Number:	22303

**FRAMING PLAN -
LEVEL 2**

S102



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BID SET

[illegible]

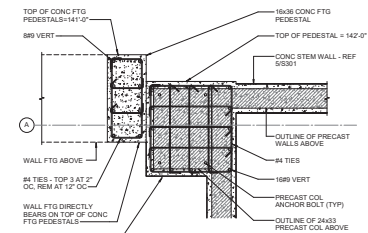
**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date: March 14, 2022
Project Number: 2210

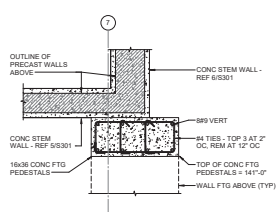
SECTIONS

S301

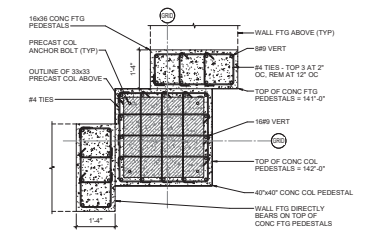


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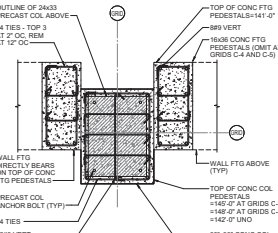
8 PLAN DETAIL
3/4" = 1'-0"



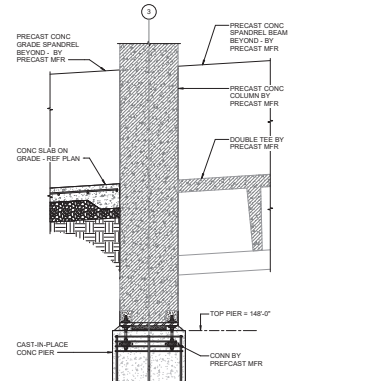
9 PLAN DETAIL
3/4" = 1'-0"



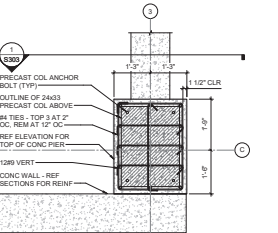
5 PLAN DETAIL



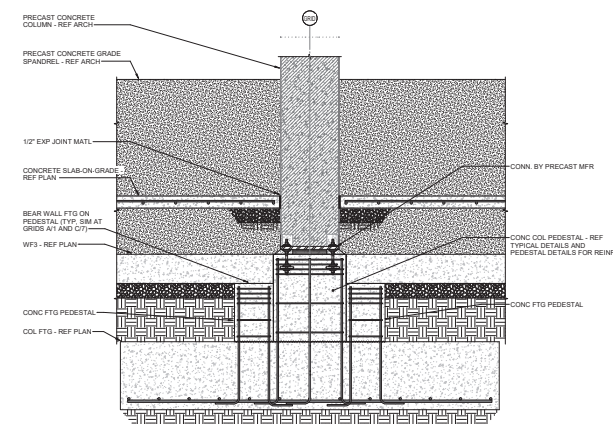
6 PLAN DETAIL



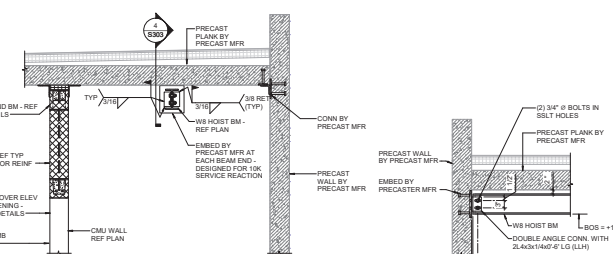
1 SECTION
3/4" = 1'-0"



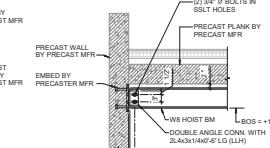
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3/4" = 1'-0"



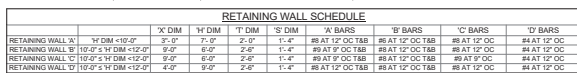
7 ELEVATION



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



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





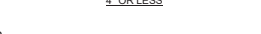
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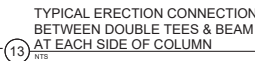
**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date: March 14, 2022
Project Number: 2210

TYPICAL DETAIL S

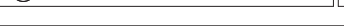
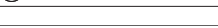
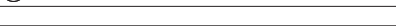
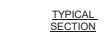
4/18/2025 3:28:20 PM





NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS; FOR DUCT OPENINGS REFER TO MECHANICAL DRAWINGS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR WIDTH OF LINTEL.
3. SCHEDULE APPLIES ONLY TO LINTELS NOT OTHERWISE SHOWN ON THE DRAWINGS.



PLUMBING GENERAL NOTES

[illegible][illegible]

CONSTRUCTION DOCUMENTS - BID SET	
Issue Date:	March 14, 2025
Project Number:	22103
STANDARDS, SYMBOLS & ABBREVIATIONS	

	P001



-
- PARTITION SCHEDULE**
- 1 HOUR RATED BARRIER
- LEVEL P3
EL 198'-0"
- LEVEL P2
EL 196'-0"
- LEVEL P1
EL 144'-0"
- LEVEL KEY**

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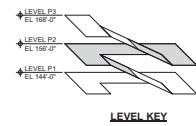
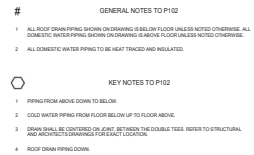
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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2007
Project Number:	220

**LEVEL 1 -
PLUMBING**

P101



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50 Project No. 2024-00359

[illegible]

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SCO ID#: 23-2620-02-A

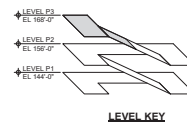
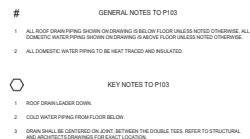
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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2025
Project Number:	22303

**LEVEL 2 -
PLUMBING**

P102



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DUDA | PAINE
ARCHITECTS

<p><u>ARCHITECTS</u> California California State University 1260 Normandie Rd Hayward, CA 94520</p>	<p><u>ARCHITECTS</u> California California State University 4000 University Dr. Hayward, CA 94521</p>
<p><u>CIVIL ENGINEERS</u> California & Nevada 418 South Coast Street Riverside, CA 92501 Licenses No. F 14622, C 656</p>	<p><u>LANDSCAPE ARCHITECTS</u> California & Nevada 418 South Coast Street Riverside, CA 92501 Licenses No. F 14622, C 656</p>
<p><u>STRUCTURAL ENGINEERS</u> California & Nevada 1001 N. State St #1012 Riverside, CA 92501 Licenses No. C 6383</p>	<p><u>STRUCTURAL ENGINEERS</u> California & Nevada 1001 N. State St #1012 Riverside, CA 92501 Licenses No. C 6383</p>
<p><u>PLUMBING ENGINEERS</u> California & Nevada 4015 University Street Daly City, CA 94015</p>	<p><u>PLUMBING ENGINEERS</u> California & Nevada 4015 University Street Daly City, CA 94015</p>



FSU Parking Deck
 601 North King Drive, Fayetteville, NC 28301

FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET

130719
23-26330-2-4

[illegible]

<p align="center">CONSTRUCTION DOCUMENTS - BID SET</p>	
Issue Date:	March 14, 20
Project Number:	22
<p align="center">LEVEL 3 - PLUMBING</p>	

P103



-
- PARTITION SCHEDULE**
1 HOUR RATED BARRIER
- LEVEL P3
EL 158'-0"
- LEVEL P2
EL 156'-0"
- LEVEL P1
EL 144'-0"

LEVEL KEY -ALTERNATE

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30 Project No. 2024-00359

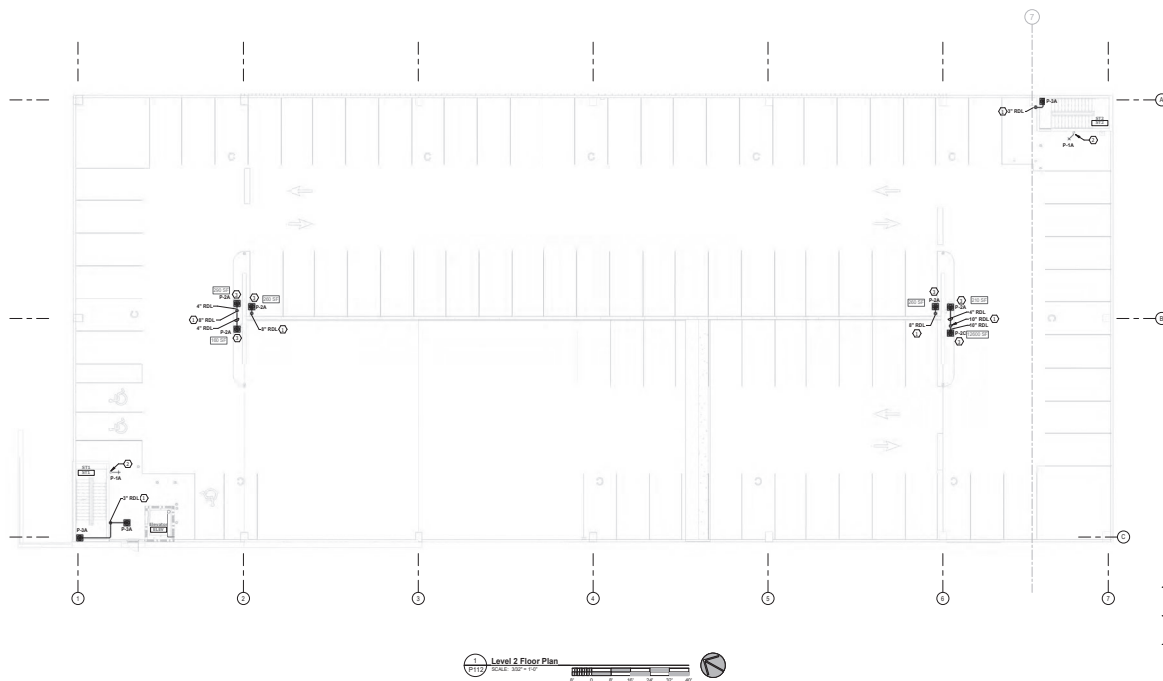
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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2025
Project Number:	22303

**LEVEL 1 -
PLUMBING ALT 1**

P111



LEVEL KEY -ALTERNATE

Source: *U.S. Census Bureau, 1990*

[illegible]



-  KEY NOTES TO P113
- 1 ROOF DRAIN LEADER DOWN.
- 2 COLD WATER PIPING FROM FLOOR BELOW.
- 3 DRAIN SHALL BE CENTERED ON JOINT BETWEEN THE DOUBLE TEES. REFER TO STRUCTURAL AND ARCHITECTS DRAWINGS FOR EXACT LOCATION.

KEY NOTES TO P112

LEVEL KEY - ALTERNATE

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<p><u>CIVIL ENGINEERS</u> California & Nevada 418 South Coast Street Riverside, CA 92501 Licenses No. P 14622, C 656</p>	<p><u>LANDSCAPE ARCHITECTS</u> California & Nevada 418 South Coast Street Riverside, CA 92501 Licenses No. P 14622, C 656</p>
<p><u>STRUCTURAL ENGINEERS</u> California & Nevada 1001 N. State St #1012 Riverside, CA 92501 Licenses No. C 6383</p>	<p><u>STRUCTURAL ENGINEERS</u> California & Nevada 1001 N. State St #1012 Riverside, CA 92501 Licenses No. C 6383</p>
<p><u>PLUMBING ENGINEERS</u> California & Nevada 4815 University Street Durham, NC 27703</p>	<p><u>PLUMBING ENGINEERS</u> California & Nevada 4210 University Street Durham, NC 27701</p>



FSU Parking Deck
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BID SET

13C NMR
200 MHz, CDCl₃

[illegible]

**CONSTRUCTION
DOCUMENTS - BID SET**






Issue Date:	March 14, 2012
Project Number:	22

**LEVEL 3 -
PLUMBING ALT**

P113

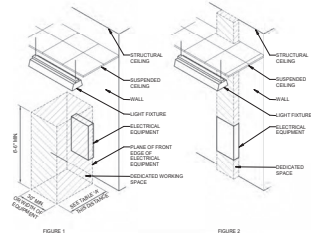


PLUMBING FIXTURE SCHEDULE

PLUMBING FIXTURE SCHEDULE											
LINE	QTY	FIXTURE DESCRIPTION	BRAND OF DESIGN	CM	MF	WASTE	VENT	NOTATION	REMARKS	BRAND C	BRAND D
P-1A	1	ACCESSORY	WOODBRIDGE MODEL 2-1/2" COPPER TUBE INLET, CHROME FINISH, 10" HX 4" DIA. FOR HANDLE.	24"	-	-	-	IF KIT	POSSIBLE MATCH BRASS BRASS TO 1/2" NPT TEE AND 1/2" NPT TONGUE AND BUSHING TO CLOSE END OF PIPE.		
P-1A	1	WASH BASIN	CERAMIC WHITE, 10" x 14" x 10" POLY-CRISTAL DRAIN, 1/2" COPPER TUBE INLET, 10" HX 4" DIA. FOR HANDLE, WASHBASIN CLAMP, SELF-PAID FINE NO-CORROSION WASHBASIN FLANGING CLAMP, NEOLUX DUTY STRAINER, 1/2" FIP POLY-CHROME BODY	-	-	-	-	P (STAIN)			
P-1B	1	WASH BASIN	CERAMIC WHITE, 10" x 14" x 10" POLY-CRISTAL DRAIN, 1/2" COPPER TUBE INLET, 10" HX 4" DIA. FOR HANDLE, WASHBASIN CLAMP, SELF-PAID FINE NO-CORROSION WASHBASIN FLANGING CLAMP, NEOLUX DUTY STRAINER, 1/2" FIP POLY-CHROME BODY	-	-	-	-	P (STAIN)			
P-1C	1	WASH BASIN	CERAMIC WHITE, 10" x 14" x 10" POLY-CRISTAL DRAIN, 1/2" COPPER TUBE INLET, 10" HX 4" DIA. FOR HANDLE, WASHBASIN CLAMP, SELF-PAID FINE NO-CORROSION WASHBASIN FLANGING CLAMP, NEOLUX DUTY STRAINER, 1/2" FIP POLY-CHROME BODY	-	-	-	-	P (STAIN)			
P-1A	1	FLOOR DRAIN	CERAMIC WHITE, 8" x 8" x 4" POLY-CRISTAL DRAIN, 1/2" COPPER TUBE INLET, 8" HX 4" DIA. FOR HANDLE, WASHBASIN CLAMP WITH ADJUSTABLE, 1/2" COPPER, 1/2" FIP POLY-CHROME BODY, BRONZE, 1/2" LIGHT DUTY STRAINER	-	-	-	-	P			

PLUMBING PUMP SCHEDULE

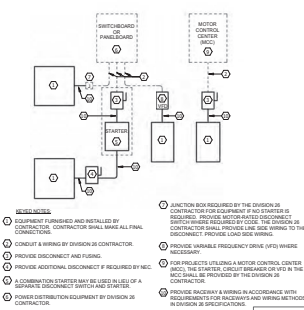
PLUMBING PUMP SCHEDULE									
DESIGNATION	SERVICE	TYPE	FLOW (GPM)	HEAD (FT)	SPEED (RPM)	MOTOR SIZE (HP)	VOLTAGE/PHASE	START/DISCONNECT HEIGHT	NOTES
SP-1	SEWAGE	SUBMERSIBLE	20		3600	1/2	208V	3.0 FT	PROVIDE INTEGRAL DISCONNECT AT CONTROL PANEL FOR PUMP PUMPS



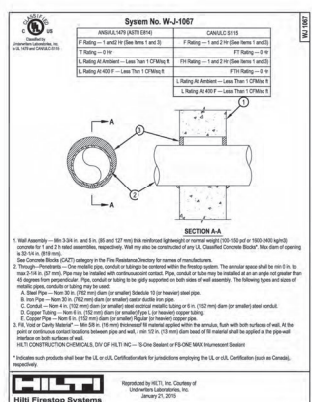
VOLTAGE TO GROUND NOMINAL	CONDITION	MINIMUM CLEAR DISTANCE (FEET)		
		1	2	3
0-150		3	3	3
151-600		3	3 1/2	4

1. **WHERE THE CONDITIONS ARE AS FOLLOWS:**
 EXPOSED LIVE PARTS ON ONE SIDE AND GROUND OR UNGROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS, INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300V SHALL NOT BE CONSIDERED LIVE PARTS.
2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHER SIDE.
3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1), WITH THE

1 ELECTRICAL CONNECTIONS TO EQUIPMENT

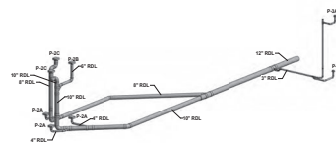
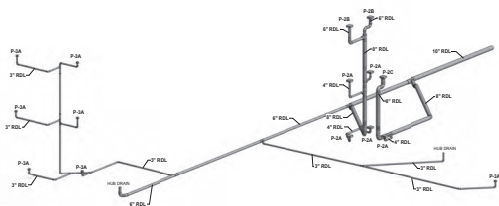


2 CLEARANCES FOR ELECTRICAL EQUIPMENT

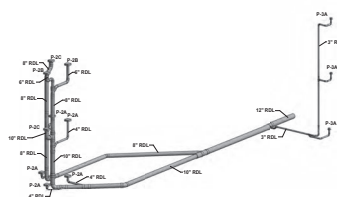
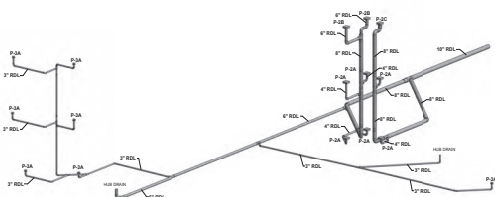


[illegible]

1 DOMESTIC WATER RISER
P401 SCALE:



2 ISOMETRIC RISER - ROOF DRAINAGE - BASE BID
P401 SCALE:



4 ISOMETRIC RISER - ROOF DRAINAGE - ALT 1
P401 SCALE:

Hvac Drawing List[illegible]

Diagram of a wall cross-section showing a vertical wall and a sloped wall. The sloped wall is labeled "WALL".

Diagram illustrating the designated working space and equipment for a scissor lift. The diagram shows a scissor lift platform with a worker. Labels indicate the 'ALIGHT FEATURE', 'LIGHT EQUIPMENT', 'PLUME OF FRONT OF ELECTRICAL EQUIPMENT', 'DESIGNATED WORKING SPACE', and 'SPACE'. A note points to 'ITEM 4 OF THE DEVICE'.

FIGURE 2

TABLE A - WORKING CLEARANCES

TYPE OF GROUND NORMAL	CONDITION	1	2	3
SPUD		3	3	
END-BOSS		3	3 1/2	4

EXPOSED ELECTRICAL PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTUALLY PROTECTED BY SUITABLE HOODS OR OTHER INSULATING ENCLOSURES, ISOLATED LIVE OR ISOLATED BUSBARS OPERATING AT 500 VOLTS OR LESS SHALL NOT BE

EXPOSED LIVE PARTS ON LIVE AND GROUNDED PARTS

NOTES:

[illegible]

USING	YES-BLLOWOUT RIG, ROOM	SEALING	USING	WALL
NOTES:				
1	SIZE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS.			
2	PROVIDE EXTERNAL DISCONNECT SWITCH AT OUTDOOR UNIT.			
3	PROVIDE EXTERNAL MOTOR RATED TOGGLE SWITCH AT INDOOR UNIT.			
4	OUTDOOR UNIT POWERS INDOOR UNIT.			
5	PROVIDE LOW AMBIENT CONTROLS.			
6	PROVIDE WITH ACCESSORY CONDENSATE PUMP.			
7	BASIS OF DESIGN: MITSUBISHI; ACCEPTABLE MANUFACTURERS: DAIKIN, TRANE, CARRIER.			

DUCTLESS SPLIT SYSTEM OUTDOOR UNIT SCHEDULE							
COOLING			HEATING			ELECT	
TOTAL CAPACITY (MBH)	EFFICIENCY (SEER/SER)	AMBIENT TEMPERATURE (F)	TOTAL CAPACITY (MBH)	EFFICIENCY (COP)	AMBIENT TEMPERATURE (F)	MCA	MOCP
12	1018.5	95	12	2.4	17	16	27
							PHASE
							2881

GENERAL NOTES TO H101

1. NO DIV. 23 SCORE OF WORK ONLY DIV. 5.2 & 3

 KEY NOTES TO H101

1. INSTALL WITH MANUFACTURER REQUIRED CLEARANCE. MOUNT UNIT ON 4" THICK CONCRETE PAD (TYPICAL).
2. DISCHARGE CONDENSATE PIPING TO HUBBOBAY BY DIV. 32.

PARTITION SCHEDULE

LEVEL KEY

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Journal of Internal Medicine 260: 379–387



GRADUATE
Graduate School
 1200 Westmonte Rd
 Fayetteville, NC 28401

CIVIL ENGINEER
 Bolton & Wells
 410 South Western Street
 Raleigh, NC 27601
 Licenses: NC 7-14026, C, SSB

ARCHITECTURAL ENGINEER
 Licenses: NC 27002

LOCAL STUDIES
 NC 917-336-9125
 Raleigh, NC 27601
 Licenses: NC 6-080

POWER ENGINEER
 Power Laboratories
 4010 Westgate Drive
 Durham, NC 27703

ARCHITECT
 Architects & Architects, Inc.
 333 Lincoln Drive
 Raleigh, NC 27611

LANDSCAPE ARCHITECT
 Bolton & Wells
 410 South Western Street
 Raleigh, NC 27601
 Licenses: NC 7-1406, C, A

LOCAL STUDIES
 State Office North-Car
 702 Clark Road
 Raleigh, NC 27603
 Licenses: NC 7-1436

PAVEMENT CONSULTANT
 Hensley, Inc.
 4010 Westgate Drive
 Raleigh, NC 27703



FSU Parking Deck
350 Martin Luther King Drive, Fayetteville, NC 28301

BID SET

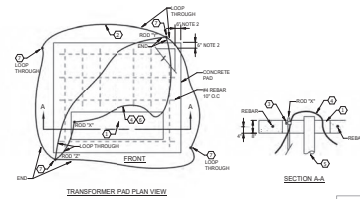
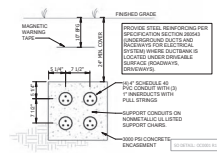
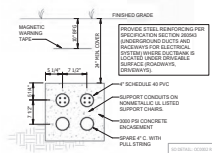
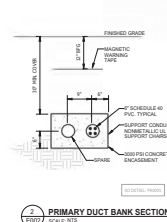
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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2022
Project Number:	2210

LEVEL 1 - HVAC

H101



- GENERAL NOTES:**
1. CONSTRUCT MOUNTING PAD FROM 3,000 PSI CONCRETE, FORMED IN PLACE.
 2. PAD DIMENSIONS ARE 6" LARGER IN EACH DIRECTION THAN EQUIPMENT TO BE SUPPORTED. COORDINATE EQUIPMENT AND PAD DIMENSIONS WITH OWNER PURCHASED TRANSFORMER. PADS ARE TO BE 6" THICK UNLESS OTHERWISE SPECIFIED.
 3. SECURE EQUIPMENT TO PAD USING DRILLED IN PLACE 5/8" DIA. ANCHOR BOLTS. PROVIDE MOUNTING AS RECOMMENDED BY THE TRANSFORMER MANUFACTURER. A MINIMUM OF 4 ANCHORS ARE REQUIRED FOR PAD MOUNTED EQUIPMENT.
 4. GROUND ROD CLAMP DETAIL IS TYPICAL FOR ALL GROUND RODS.
 5. MAINTAIN 7" MINIMUM CLEARANCE AT REAR AND SIDES AND 12" MINIMUM CLEARANCE AT TOP.

- KEY NOTES:**
1. TYPICAL OPENING IN PAD FOR CONDUIT ENTRY. COORDINATE EXACT LOCATION WITH EQUIPMENT TO BE SUPPORTED AND UNDERGROUND CONDUIT REQUIRED.
 2. #4 SOLID BARE COPPER CONTINUOUS GROUNDING LOOP.
 3. GROUND ROD CLAMP LISTED FOR DIRECT BURIAL.
 4. TYPICAL EXPOSED LOOP FOR CABLE & EQUIPMENT CONNECTIONS.
 5. CONDUIT ENTRY. TOP END OF CONDUIT SHOULD EXTEND 2" ABOVE EQUIPMENT PAD.
 6. #10 BARE COPPER GROUND CONDUCTOR. THIS CONDUCTOR IS CONTINUOUS FROM ROD 1" THROUGH ROD 2", THEN ROD 2" THEN BACK TO ROD 1".
 7. TOP OF ROD IS TO BE A MINIMUM OF 24" BELOW FINISHED GRADE. LOOP TO BE BURIED WITH 3" COVER.



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1 SITE PLAN - ELECTRICAL
SCALE: 1" = 60'-0"

60' 30' 0' 60' 120'

DO NOT SCALE! SCALE IS APPROXIMATE. CONTRACTOR SHALL FIELD MEASUREMENTS. ALL ITEMS SHOWN ON THIS PLAN.

KEY NOTES TO E103

1	EXISTING CAMPUS FIBER OPTIC MANHOLE/REINFORCEHOLE
2	EXISTING CAMPUS MEDIUM VOLTAGE SWITCH
3	NEW PRIMARY DUCT BANK. SEE DETAIL E102 SHEET.
4	NEW SECONDARY DUCT BANK. SEE DETAIL E102 SHEET.
5	NEW FIBER OPTIC DUCT BANK. SEE DETAIL E102 SHEET.
6	NEW PAI MOUNTED TRANSFORMER. SEE DETAIL E102 SHEET.
7	REFEED DISTING TRANSFORMER. DEMOLISH EXISTING CONDUCTORS TO TRANSFORMER.
8	NEW 8 STRAND FBIR IN UNDERGROUND FIBER IN EXISTING FIBER OPTIC DUCT BANK. PROVIDE NEW A STRAND FBIR FROM PAVING DECK AND FROM FILTER LOCATED AREA MAIN TELECOM ROOM BACK TO CAMPUS HUB LOCATED IN SCIENCE AND TECHNOLOGY BUILDING.
9	400KVA ELECTRICAL MANHOLE. ROUTE PRIMARY CONDUCTORS TO PAVING DECK TRANSFORMER AND CABLE AREA. TRANSFORMER THROUGH MANHOLE.

<p>CHIEF ARCHITECT State University 4200 Stevenson Road Fayetteville, NC 28401</p>	<p>ARCHITECT State University 4200 Stevenson Road, P.O. Box 26000 Durham, NC 27714</p>
<p>CIVIL ENGINEER Baker & Mott 410 South Cameron Street Raleigh, NC 27601 License No. 7-16359, C-656</p>	<p>LANDSCAPE ARCHITECT Baker & Mott 410 South Cameron Street Raleigh, NC 27601 License No. 1-1450, C-656</p>
<p>ARCHITECTURAL ENGINEER Luskett Shires 301 W. Third St. #102 Raleigh, NC 27601 License No. C-4380</p>	<p>MECHANICAL ENGINEER Luskett Shires 301 W. Third St. #102 Raleigh, NC 27601 License No. 7-14528</p>
<p>PROJECT ENGINEER/ARCHITECT Peterson/Johannsson 4010 Forest Road Durham, NC 27713</p>	<p>ARCHITECT'S CONSULTANT Ramsey, Inc. 621 North Cameron Street Durham, NC 27601</p>



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

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[illegible]

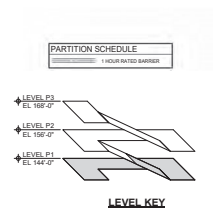
CONSTRUCTION
DOCUMENTS - BID SET

Issue Date:	March 14, 2020
Project Number:	2230

OVERALL SITE
PLAN

E003

1 LEVEL 1 - ELECTRICAL
E101 SCALE: 3/32" = 1'-0"



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**DUDA | PAINE
ARCHITECTS**

PROJECT: FSU Parking Deck
LOCATION: 1350 Martin Luther King Drive, Fayetteville, NC 28301
DATE: 01/27/2021
PROJECT NO.: 2020-001
CLIENT: Fayetteville State University
DESIGNER: Duda Paine Architects
ARCHITECT: Duda Paine Architects
ENGINEER: Duda Paine Architects
INTERIOR DESIGNER: Duda Paine Architects
LANDSCAPE ARCHITECT: Duda Paine Architects
PLANNING: Duda Paine Architects
PHOTOGRAPHY: Duda Paine Architects
VIDEOGRAPHY: Duda Paine Architects
CONSTRUCTION: Duda Paine Architects
OPERATION: Duda Paine Architects
MAINTENANCE: Duda Paine Architects
REPAIR: Duda Paine Architects
RENOVATION: Duda Paine Architects
DEMOLITION: Duda Paine Architects
CONSTRUCTION: Duda Paine Architects
OPERATION: Duda Paine Architects
MAINTENANCE: Duda Paine Architects
REPAIR: Duda Paine Architects
RENOVATION: Duda Paine Architects
DEMOLITION: Duda Paine Architects

PROJECT NO.: 2020-001
CLIENT: Fayetteville State University
DESIGNER: Duda Paine Architects
ARCHITECT: Duda Paine Architects
ENGINEER: Duda Paine Architects
INTERIOR DESIGNER: Duda Paine Architects
LANDSCAPE ARCHITECT: Duda Paine Architects
PLANNING: Duda Paine Architects
PHOTOGRAPHY: Duda Paine Architects
VIDEOGRAPHY: Duda Paine Architects
CONSTRUCTION: Duda Paine Architects
OPERATION: Duda Paine Architects
MAINTENANCE: Duda Paine Architects
REPAIR: Duda Paine Architects
RENOVATION: Duda Paine Architects
DEMOLITION: Duda Paine Architects
CONSTRUCTION: Duda Paine Architects
OPERATION: Duda Paine Architects
MAINTENANCE: Duda Paine Architects
REPAIR: Duda Paine Architects
RENOVATION: Duda Paine Architects
DEMOLITION: Duda Paine Architects



AIA Seal

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5000 hours of work

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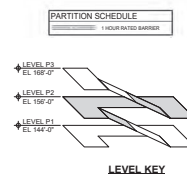
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<u>COMPANIES</u>	<u>COMPANIES</u>
PayetteInc.com 1200 Mountain Rd. Payetteville, ND 58661	2010/2011 Inc. 5000, PA 223 Second Street Dunham, ND 58701
<u>CMS ENGINEER</u>	<u>LANDSCAPE ARCHITECT</u>
Baker & Shinn 410 South Canyon Street Fulda, ND 58601 License No. T-1632, C-336	Baker & Shinn 410 South Canyon Street Fulda, ND 58601 License No. T-1632, C-336
<u>STRUCTURAL ENGINEER</u>	<u>NEW PROFESSION</u>
Lorain Shinn 301 N. West St #112 Fulda, ND 58601 License No. C-4380	State, CDEB North Dakota, 7225 Oliver Road, Suite 300 Fargo, ND 58103 License No. T-1632
<u>JOINT CONSULTING</u>	<u>PUBLIC CONSULTING</u>
PatersonLandscape.com 6810 Spectrum Blvd Dunham, ND 58703	Timothy Hertz 101 Spectrum Blvd Dunham, ND 58701



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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2022
Project Number:	2210

**LEVEL 2 -
ELECTRICAL**



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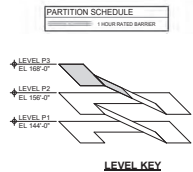
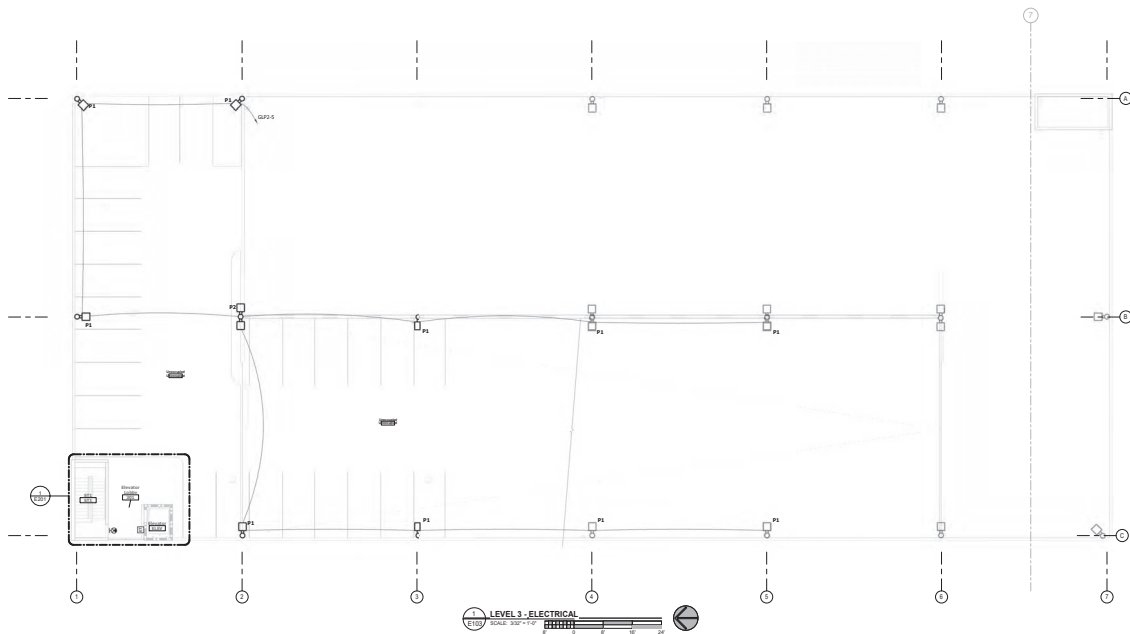
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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2025
Project Number:	22303

**LEVEL 3 -
ELECTRICAL**

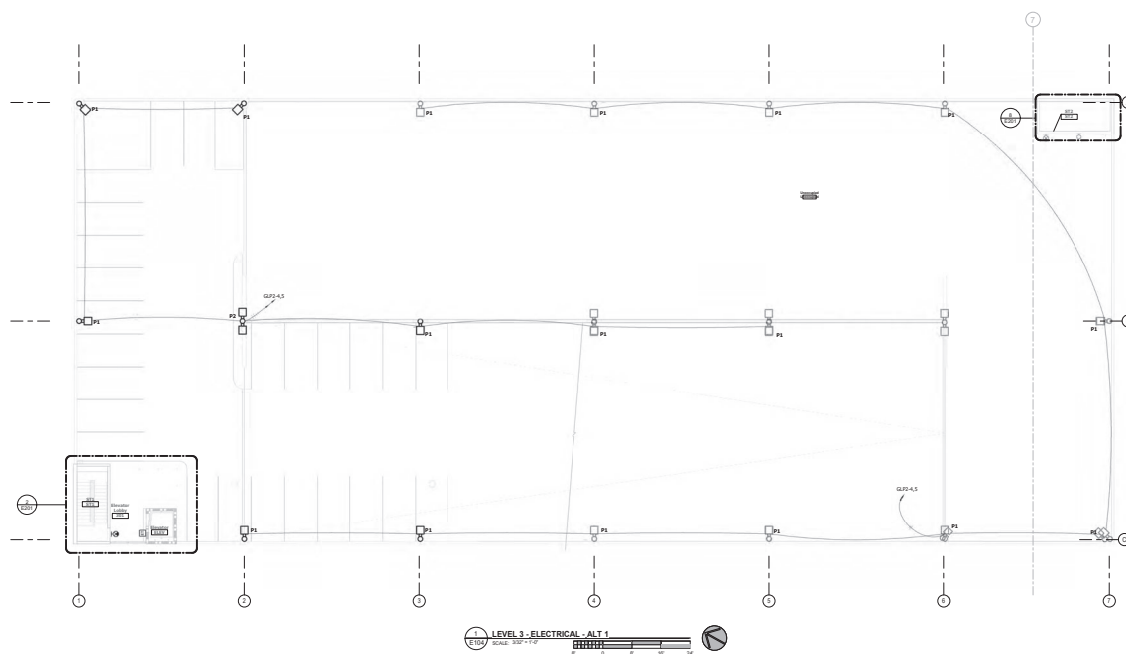
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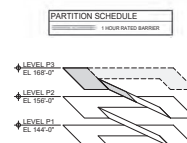
DOCUMENTS - BID SET	
Issue Date:	March 14, 2022
Project Number:	22

**LEVEL 3 -
ELECTRICAL -
ALT 1**

E104




1 LEVEL 3 - ELECTRICAL - ALT 1



LEVEL KEY - ALTERNATE

M. S. OSTERMAN



-  KEY NOTES TO E201

 - 1 INDOOR UNIT IS POWERED VIA THE OUTDOOR UNIT. COORDINATE ALL WORK WITH DIV. 23.
 - 2 SLUMP PUMP CONTROL PANEL. COORDINATE ALL WORK WITH DIV. 22.
 - 3 HEAT TRACE CONTROL PANEL. COORDINATE ALL WORK WITH DIV. 22.
 - 4 FIXTURES PROVIDED UNDER AND ALTERNATE 1.



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BID SET

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CONSTRUCTION DOCUMENTS - BID SET	
Issue Date:	March 14, 20
Project Number:	22
ENLARGED PLANS	

E201

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KEY NOTES:

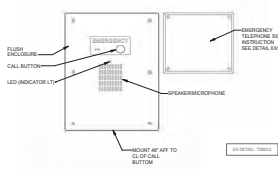
- EQUIPMENT PROVIDED AND INSTALLED BY OTHER CONTRACTOR. CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS START UP AND TEST EQUIPMENT.
- CONDUIT & WIRING BY OTHER CONTRACTOR PROVIDING EQUIPMENT.
- DISCONNECT PROVIDED AND INSTALLED BY CONTRACTOR PROVIDING EQUIPMENT.
- IF AN ADDITIONAL DISCONNECT IS REQUIRED BY NEC, IT SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR PROVIDING EQUIPMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORK, INCLUDING THE INSTALLATION OF A CONDUIT OR CHUTE, SHALL BE PROVIDED AND INSTALLED BY THE OTHER CONTRACTOR PROVIDING THE EQUIPMENT.
- FEEDER AND CONDUIT BY ELECTRICAL CONTRACTOR. SEE PANELBOARD SCHEDULES FOR FEEDING AND BRANCHING. BRANCHING SHALL BE PROVIDED BY CONTRACTOR PROVIDING EQUIPMENT.
- BRANCHING SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. BRANCHING SHALL BE PROVIDED BY CONTRACTOR PROVIDING EQUIPMENT. BRANCHING SHALL BE PROVIDED BY CONTRACTOR PROVIDING EQUIPMENT. BRANCHING SHALL BE PROVIDED BY CONTRACTOR PROVIDING EQUIPMENT.
- BRANCHING SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. BRANCHING SHALL BE PROVIDED BY CONTRACTOR PROVIDING EQUIPMENT. BRANCHING SHALL BE PROVIDED BY CONTRACTOR PROVIDING EQUIPMENT. BRANCHING SHALL BE PROVIDED BY CONTRACTOR PROVIDING EQUIPMENT.
- FOR INFORMATION: USING A MOTOR CONTROL CENTER (MCC), THE CONTRACTOR SHALL PROVIDE ALL WIRING TO THE MCC AND PROVIDE BY THE ELECTRICAL CONTRACTOR.

7 MECHANICAL UNIT WIRING DETAILS
SCALE: NTS

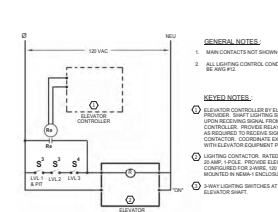


- GENERAL NOTES:
- SIGNAGE SHALL BE SUBMITTED FOR APPROVAL BY PROJECT ENGINEER.
- KEY NOTES:
- UNIFORM & SECURITY: SIGNAGE SHALL BE SUBMITTED FOR APPROVAL BY PROJECT ENGINEER.

8 EMERGENCY TELEPHONE SIGN DETAIL
SCALE: NTS



9 EMERGENCY TELEPHONE DETAIL
SCALE: NTS



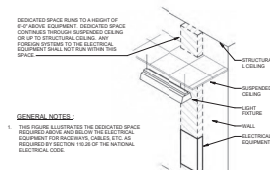
10 ELEVATOR SHAFT LIGHTING CONTROL DIAGRAM
SCALE: NTS

TABLE A. WORKING CLEARANCES		MINIMUM CLEARANCE TO OBSTACLE (FEET)	
NOMINAL VOLTAGE		CONDITION 1	CONDITION 2
0-150	151-600	3	3 1/2

- WHERE THE CONDITIONS ARE AS FOLLOWS:
- EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR UNEXPOSED PARTS ON THE OTHER SIDE OF THE WORKING SPACE. (EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORKING SPACE SHALL BE CONSIDERED LIVE PARTS.)
 - EXPOSED LIVE PARTS ON ONE SIDE AND UNEXPOSED PARTS ON THE OTHER SIDE.
 - EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORKING SPACE AND UNEXPOSED PARTS ON BOTH SIDES OF THE WORKING SPACE.

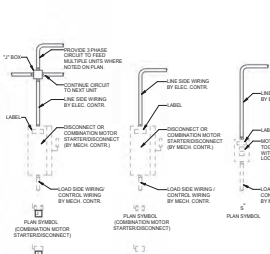
- GENERAL NOTES:
- THIS FIGURE ILLUSTRATES THE WORKING SPACE AROUND ELECTRICAL EQUIPMENT AS REQUIRED BY SECTION 110.26 OF THE NATIONAL ELECTRICAL CODE.

4 WORKING CLEARANCES FOR ELECTRICAL EQUIPMENT
SCALE: NTS

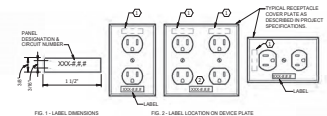


- GENERAL NOTES:
- THIS FIGURE ILLUSTRATES THE DEDICATED SPACE REQUIRED FOR ELECTRICAL EQUIPMENT AS REQUIRED BY SECTION 110.26 OF THE NATIONAL ELECTRICAL CODE.

5 DEDICATED SPACE FOR ELECTRICAL EQUIPMENT
SCALE: NTS



6 MECHANICAL UNIT WIRING DETAILS
SCALE: NTS



- GENERAL NOTES:
- LABELS ARE TO BE MACHINE PRODUCED USING A THERMAL, INK-JET, OR DYE-SUB PROCESS. TRANSFER PROCESS WITH UNDERCOAT AS SHOWN ABOVE.
 - LABELS ARE TO BE ATTACHED AS INDICATED ABOVE TO ALL PROJECT RECEPTACLE COVER PLATES.
 - LABELS ARE TO BE CLEAR WITH BLACK LETTERING.

- KEY NOTES:
- WRITE PANEL DESIGNATION NUMBER IN SERVICE CODE WITH A PENCIL PERMANENTLY MARKED AS AN ADD-TO RECORD FOR THE LOCATION. ALL PANELS SHALL BE RELOCATED IN SERVICE.
 - FOR SUPPLY RECEPTACLE COVER PLATES, THE LABELS ARE TO BE SUPPLIED BY THE PROJECT ENGINEER. THE LABELS ARE TO BE SUPPLIED BY THE PROJECT ENGINEER. THE LABELS ARE TO BE SUPPLIED BY THE PROJECT ENGINEER.

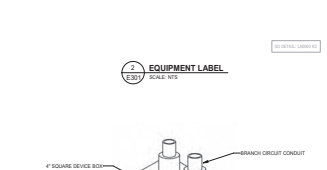
7 DEVICE LABELS
SCALE: NTS

- GENERAL NOTES:
- INSTALL NEW LABELS ON ALL PROJECT EQUIPMENT (PANELBOARDS, DISCONNECTS, TRANSFORMERS, AND ELEVATOR CONTROLLERS).
 - CONSTRUCT LABELS FROM 3\"/>

- KEY NOTES:
- INSERT EQUIPMENT DESIGNATION WHERE 'X' IS INDICATED.
 - INSERT '10' THIS WIRING 'X' IS INDICATED POSSIBLE VOLTAGE ARE:
 - INSERT SUPPLY SOURCE DESIGNATION HERE.
 - INSERT SUPPLY SYSTEM WHERE 'X' IS INDICATED POSSIBLE VOLTAGE ARE:
 - ADD THIS LABEL AT SERVICE EQUIPMENT, PANELBOARDS, DISCONNECTS, TRANSFORMERS, AND ELEVATOR CONTROLLERS.
 - INSERT VALUE INDICATED ON PROJECT ELECTRICAL DRAWINGS.
 - INSERT DATE OF PROJECT DRAWING AND SET.



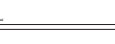
8 RECEPTACLE GROUNDING DETAIL
SCALE: NTS



9 RECEPTACLE GROUNDING DETAIL
SCALE: NTS



NAME	DESIGNATION	DATE
ARCHITECT	ARCHITECT	ARCHITECT
ENGINEER	ENGINEER	ENGINEER
PLUMBER	PLUMBER	PLUMBER
ELECTRICIAN	ELECTRICIAN	ELECTRICIAN
MECHANICAL	MECHANICAL	MECHANICAL
PAINTER	PAINTER	PAINTER
ROOFER	ROOFER	ROOFER
GLAZIER	GLAZIER	GLAZIER
IRONWORKER	IRONWORKER	IRONWORKER
WELDER	WELDER	WELDER
CONCRETE	CONCRETE	CONCRETE
FOUNDATION	FOUNDATION	FOUNDATION
STRUCTURE	STRUCTURE	STRUCTURE
MECHANICAL	MECHANICAL	MECHANICAL
ELECTRICAL	ELECTRICAL	ELECTRICAL
PLUMBING	PLUMBING	PLUMBING
HEATING	HEATING	HEATING
Cooling	Cooling	Cooling
Lighting	Lighting	Lighting
Acoustics	Acoustics	Acoustics
Fire Protection	Fire Protection	Fire Protection
Security	Security	Security
Accessibility	Accessibility	Accessibility
Energy	Energy	Energy
Water	Water	Water
Gas	Gas	Gas
Oil	Oil	Oil
Coal	Coal	Coal
Nuclear	Nuclear	Nuclear
Solar	Solar	Solar
Wind	Wind	Wind
Geothermal	Geothermal	Geothermal
Bio-mass	Bio-mass	Bio-mass
Hydro	Hydro	Hydro
Tidal	Tidal	Tidal
Wave	Wave	Wave
Current	Current	Current
Geothermal	Geothermal	Geothermal
Bio-mass	Bio-mass	Bio-mass
Hydro	Hydro	Hydro
Tidal	Tidal	Tidal
Wave	Wave	Wave
Current	Current	Current



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301
BID SET
800 (W 23-2929-02-A)

Item	Quantity	Unit	Price
1	1	EA	100.00
2	1	EA	100.00
3	1	EA	100.00
4	1	EA	100.00
5	1	EA	100.00
6	1	EA	100.00
7	1	EA	100.00
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100	1	EA	100.00

CONSTRUCTION DOCUMENTS - BID SET
March 18, 2009
ELECTRICAL DETAILS

E301

Load Classification	MVA			Power Factor
	Connected Load	Demand Factor	Estimated Demand	
Power	6000 VA	100.00%	6000 VA	
Lighting	4500 VA	100.00%	4500 VA	
				CONNECTED LOAD 10500 VA
				DEMAND LOAD 9000 VA
				AVG. CONNECTED CURRENT 75.0 A
				AVG. DEMAND CURRENT 75.0 A



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

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900 DM 23-0620-02-A

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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date:	March 14, 2024
Project Number:	22402

**ELECTRICAL
PANEL
SCHEDULES**

E401

1 LIGHTING FIXTURE MOUNTING DETAIL
E501 SCALE: NTS

LIGHTING FIXTURE SCHEDULE									
FIX NO.	DESCRIPTION	MOUNTING	LUMENS	VOLTAGE	WATTAGE	CONTROL	FEATURES/NOTES SPEC. DATA	COMMENTS	IMAGE
1	2-BAY HANGAR GARAGE FIXTURE	PENDANT	4100	800/L	300 W	NOTIFICATION	CHICKEN DISPO COOPER BRENDA	TYPE "V" MOUNT/DISTRIBUTION INTERNAL SPD	
2	HANGAR	PENDANT	4100	800/L	300 W	NOTIFICATION	CHICKEN DISPO COOPER BRENDA	HANGAR	
3	4-BALL MOUNTED EMERF FIXTURE	SURFACE	4100	800/L	300 W	NOTIFICATION	CHICKEN BLA JUMBER COOPER	REDUCE EMERGENCY LIGHTING BATTERY	
4	4-BALL MOUNTED EMERF AROUND FIXTURE	PENDANT	4100	800/L	300 W	NOTIFICATION	CHICKEN BLA JUMBER COOPER	REDUCE EMERGENCY LIGHTING BATTERY	
5	4-BALL MOUNTED EMERF AROUND FIXTURE	PENDANT	4100	800/L	400 W	NOTIFICATION	CHICKEN BLA JUMBER COOPER	REDUCE EMERGENCY LIGHTING BATTERY	
6	REACTOR WALL SCONCE	SURFACE	4100	800/L	400 W	NOTIFICATION	CHICKEN BRDGE COOPER		
7	REACTOR FLOOR LIGHTING/STAY	SURFACE	500	800/L	300 W	NA	CHICKEN CRY COOPER JUMBER	REDUCE EMERGENCY LIGHTING BATTERY	
8	ROULETTE BARNER UPON PROOF LED	SURFACE	4100	800/L	300 W	5-REV	CHICKEN CRY COOPER JUMBER		
9	SINGLE HEAD FIRMING AREA	POLE	4100	800/L	100 W	PHOTOCELL	hangar	10 FOOT SQUARE ALUMINUM POLE	
10	HANGAR	POLE	4100	800/L	300 W	PHOTOCELL	hangar	10 FOOT SQUARE ALUMINUM POLE	
11	REACTOR PLASTIC EXT SUN	WALL	NA	800/L	5 W	NA	CHICKEN LOM DUAL LENS CHLORIDE		
12	REACTOR PLASTIC EXT SUN	PENDANT	NA	800/L	5 W	NA	CHICKEN LOM DUAL LENS CHLORIDE		

FIXTURE SCHEDULE NOTES

- 1. THE PROJECT SCHEDULE REQUIREMENTS THAT MEETS THE SPECIFIED PERFORMANCE OBJECTIVES AND A LEVEL OF QUALITY REQUIRED FOR THE PROJECT; MANUFACTURER'S MAKES AND PROVIDE SERVICABLES IN ORDER TO BE SUBMITTED AS PART OF THE PROJECT SUBMITTAL. EQUIVALENT FEATURES IF MANUFACTURED OTHER THAN LISTED MAY BE SUBMITTED FOR THIS PROJECT**
- PROVIDE LEADERSHIP SERVICES FOR FULL RANGING DRAWING: INTERIOR, SURFACE PROTECTION, CURRENT TOTAL WEIGHT, DIMENSIONS, MATERIALS, FINISHES, COORDINATION WITH ARCHITECTURAL AND MECHANICAL CONTRACTOR SHALL BE SUBMITTED AS PART OF THE PROJECT SUBMITTAL DATA.**
- 3. UNLESS OTHERWISE PROVIDED, SINGLE DRIVE PER-FEATURE**
- PROVIDE MOUNTING FRAME AND RELATED ACCESSORIES FOR ALL FEATURES AS REQUIRED TO MATCH EXISTING CONDITIONS AND TO BE INSTALLED BY THE INSTALLATION CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR MODIFICATION OF PROJECT SCHEDULE MANUFACTURING THAT MANAGES PACE OF FACTORY CONSTRUCTION**
- PROVIDE DRIVING ORIENTATIONS WHERE COMPATIBLE ARE INDICATED ON THE PLANS**
- A-ALL FEATURES TO HAVE A COLOR TEMPERATURE OF 400K UNLESS NOTED OTHERWISE**
- B-UNLESS NOTED OTHERWISE, ALL FEATURES SHALL INCLUDE INTERIOR DRIVER**
- C-ALL FEATURES SHALL BE A OR THIRD PARTY IDENT TO COMPLETE ASSEMBLY**
- D- FOR FEATURES WITH REMOVABLE GLASS PANELS, PROVIDE AN ALTERNATE DESIGN, ETC) COORDINATE AND ALIGN COMPONENTS IN A SIMILAR DIRECTION CONSISTENTLY ACROSS THE BUILDING SPACES**
- E- FOR FEATURES WITH EMERGENCY BATTERIES, THE BATTERIES SHALL BE SIZED TO SUPPLY 10% OF NORMAL LOAD**



Programs	
<p>Psychology Fayetteville State University 1200 Hawthorne Rd. Fayetteville, NC 28403</p>	<p>Psychology Fayetteville State University 1200 Hawthorne Rd. Durham, NC 27704</p>
Civil Engineering	LANDSCAPE ARCHITECTURE
<p>Baylor University 410 South Central Express Waco, TX 76798 Phone: 817/869-1300, C-1886</p>	<p>Baylor University 410 South Central Express Waco, TX 76798 Phone: 817/869-1300, C-1886</p>
Architecture/Interior Architecture	ARCHITECTURE
<p>Lehigh University 301 N. 3rd St. #410 Bethlehem, PA 18010 License No. C-6363</p>	<p>Lehigh University 301 N. 3rd St. #410 Bethlehem, PA 18010 License No. C-6363</p>
Interior Architecture/Design	INTERIOR ARCHITECTURE
<p>Fayetteville State University 1200 Hawthorne Rd. Fayetteville, NC 28403</p>	<p>Fayetteville State University 1200 Hawthorne Rd. Durham, NC 27704</p>



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

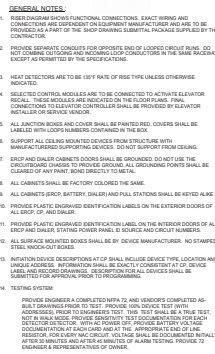
BID SET

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CONSTRUCTION DOCUMENTS - BID SET

LIGHTING FIXTURE SCHEDULE

E501

[illegible]

E702



BID SET

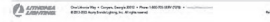
CONSTRUCTION DOCUMENTS - BID SET	
Issue Date:	March 14, 2025
Project Number:	22103

E703

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	2.9 fc	4.5 fc	0.3 fc	15.0:1	9.7:1



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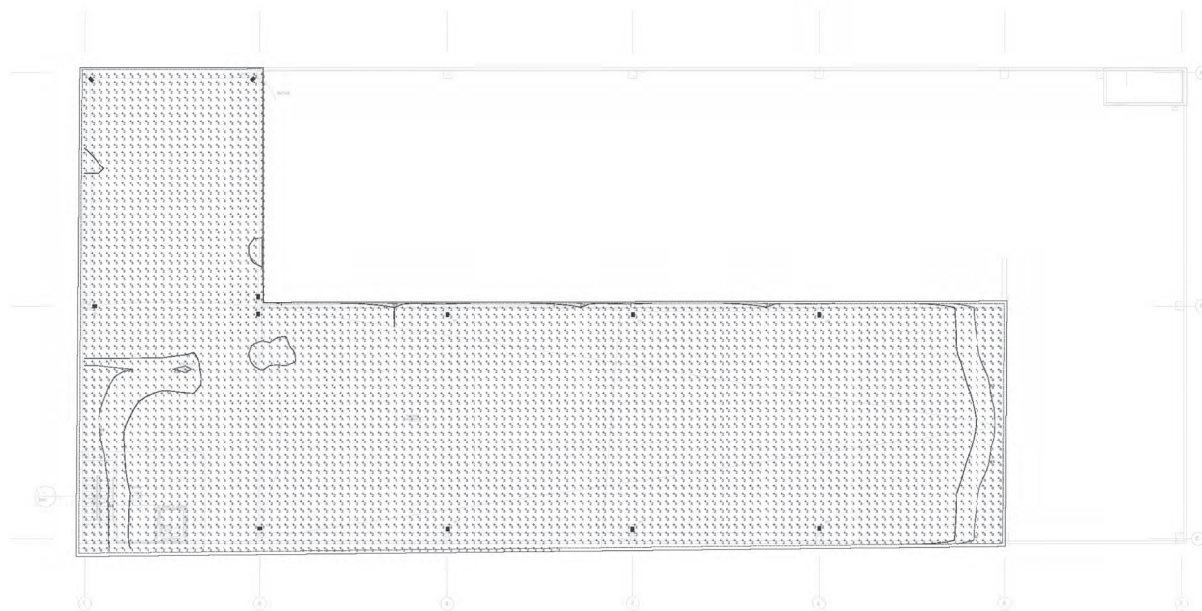
E704



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E705



Schedule											
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Label	Location Pin Label	Height Light Label	Wattage	Photo
	A		32	California Lighting	2400 (LED) P1 40K 2000 (75W eq)	0-Series Slim 9 Area Luminaire P1 Performance Package 8400K CCT 70 CR Type 1 Medium Incandescent Shield	1	3036	8	23.25	

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1		2 fc	5 fc	0 fc	N/A	N/A



D-Series Size 0 LED Array Modules

Specifications

- Power: 0.2W
- Length: 2.0mm
- Width: 1.0mm
- Height: 1.25mm
- Weight: 0.005g
- Package: 1000pcs

Introduction

The LED Series Size 0 is a high brightness, high efficiency, and high reliability LED array module. It is designed for use in a wide range of applications, including automotive, industrial, and consumer electronics. The module is available in a variety of colors and power ratings, and is designed to be easy to install and use.

Design Notes

The LED Series Size 0 is designed to be used in a wide range of applications. It is designed to be easy to install and use, and is available in a variety of colors and power ratings. The module is designed to be used in a wide range of applications, including automotive, industrial, and consumer electronics.



LED Series Size 0



LED Series Size 0



LED Series Size 0



LED Series Size 0



FSU Parking Deck
1350 Martin Luther King Drive, Fayetteville, NC 28301

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**CONSTRUCTION
DOCUMENTS - BID SET**

Issue Date: March 14, 2022
Project Number: 2220

**ELECTRICAL
LIGHTING
PHOTOMETRICS -
LEVEL 3 ALT 1**

E706

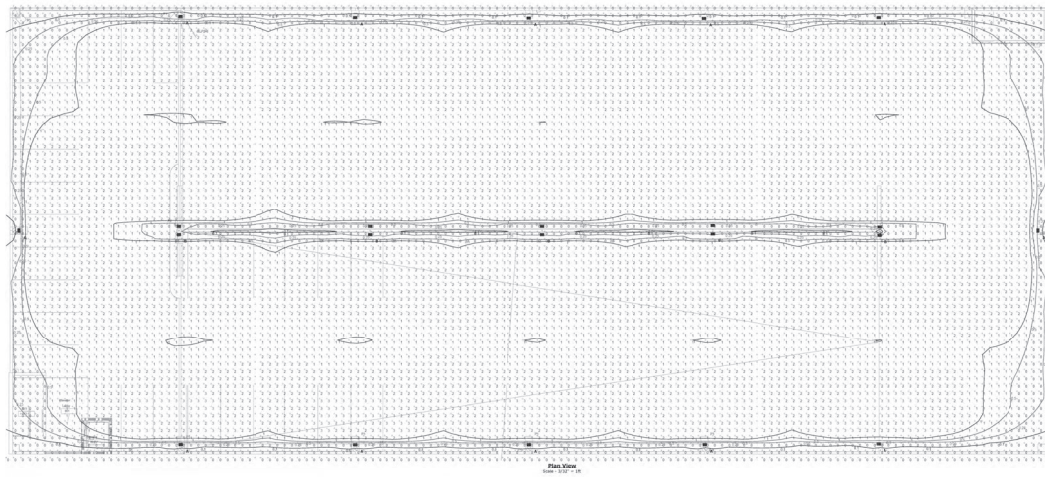


Image	Label	QTY	Manufacturer	Catalog	Description	Available From	Unit Price	LSP	Stock	Picker Path
	A	12	Lighting Lighting	20061 LED FC with NICH RCLP RCLP-F	2-Derives Store 3 Area/Luminaire P1 Performance Package 4800 CCT 7' ON Type 4 Extreme Bright Control Panel Internal Ultra Thin	1	1940	0.97	33	
	B	6	Lighting Lighting	20061 LED FC with NICH RCLP RCLP-F	2-Derives Store 3 Area/Luminaire P1 Performance Package 4800 CCT 7' ON Type 4 Extreme Bright Control Panel Internal Ultra Thin	1	1940	0.97	58	Rev: 03/2018

Statistics						
Descriptor	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	2 ft	3 ft	0 ft	N/A	N/A

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