



DESIGN REVIEW BOARD APPLICATION

**Administered by:
Design Review Board**

Property Address*: 220 South Claybrook Street, Memphis, TN 38104

Applicant Name & Mailing Address: Brad Shapiro/Shapiro Company Architects, 4646 Poplar Ave, Suite 517

Applicant Phone Number: (901) 685 - 9001 Applicant Fax Number: n/a

Property Owner's Name & Mailing Address: Patton & Taylor Ent., 7960 Wolf River Blvd, Germantown, TN 38138

Property Owner's Phone Number: (901) 249 - 3008

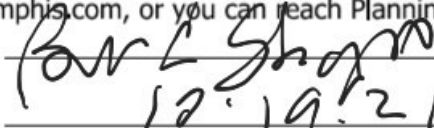
The proposed work consists of the following (check all that apply):

- Sign
- Renovation
- New Building
- Other Exterior Alteration

Project Description: 220 South Apartments
4-Story mixed-use multifamily building with below-ground parking garage which consists of 82 apartment dwelling units, leasable commercial space, leasing office, and fitness center.

Status of Project: 95% Construction Document

A complete application must be submitted to the Development Department no later than three weeks before a regularly scheduled meeting of the Design Review Board. Please submit the application with any necessary attachments to designreview@downtownmemphis.com. Questions can also be e-mailed to designreview@downtownmemphis.com, or you can reach Planning & Development staff at (901) 575 - 0540.

Owner/Applicant Signature: 

Date: 10/19/21

*Applications for properties that are located within a Landmarks Historic District may require additional approval from the Landmarks Commission. Please contact the Shelby County Division of Planning & Development at (901) 576-6601 for more information.

220 South Claybrook

Street Elevation Materials

A General Shale Barrington painted Sherwin Williams Original White SW 7077

B Nichiha Fiber Cement Vintagewood Series: Spruce painted Sherwin Williams City Loft 7631

C Nichiha Fiber Tuffblock Modern Series Painted Sherwin Williams Earl Gray SW7660

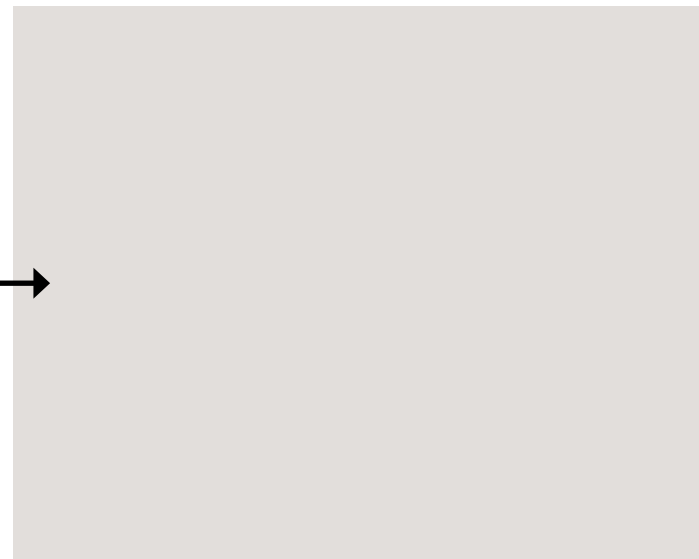
D Metal Awning, Cornice, Doors, and Windows painted Sherwin Williams Iron Ore SW 7069

E Canarm TAY Outdoor Light Black

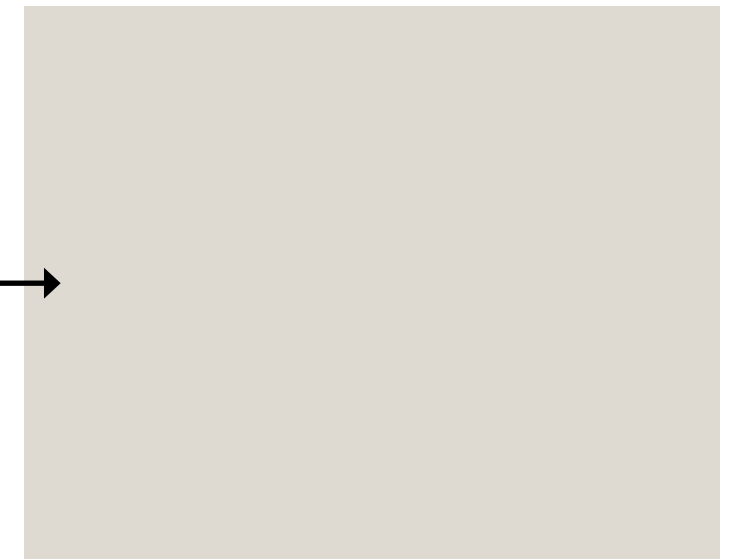


Street Elevation

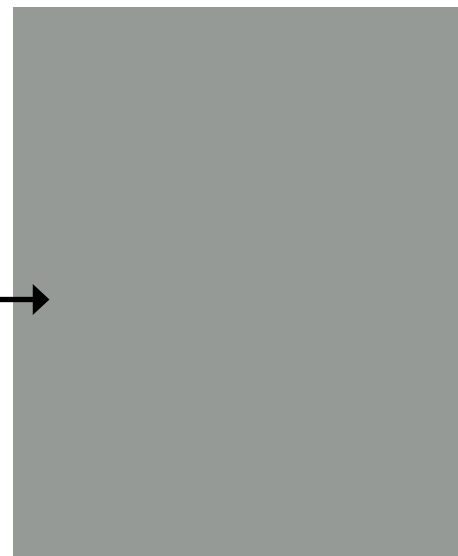
Materials List



A **Exterior Brick**
General Shale Barrington painted Sherwin Williams Original White SW 7077



B **Exterior Faux Wood**
Nichiha Fiber Cement Vintagewood Series: Spruce painted Sherwin William City Loft SW 7631



C **Exterior Paneling**
Nichiha Fiber Tuffblock Modern Series painted Sherwin Williams Earl Gray SW 7660



D **Exterior Details**
Metal Awning, Cornice, Doors, and Windows painted Sherwin Williams Iron Ore SW 7069



E **Exterior Lighting**
Canarm TAY Outdoor Light in Black

220 South Claybrook

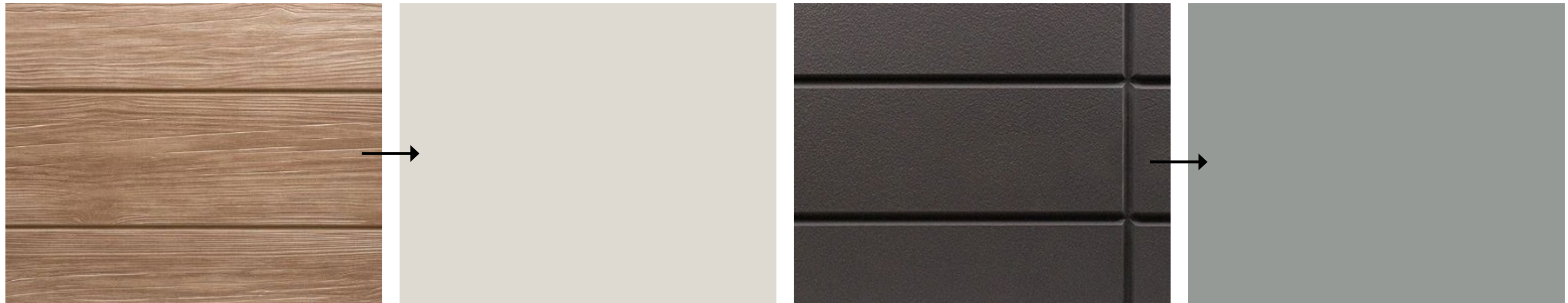
East Elevation Materials

- A Nichiha Fiber Cement Vintagewood Series: Spruce painted Sherwin Williams City Loft 7631
- B Nichiha Fiber Tuffblock Modern Series painted Sherwin Williams Earl Gray SW7660
- C Nichiha Fiber Tuffblock Modern Series painted Sherwin Williams Sea Mariner SW 9640
- D General Shale Barrington painted Sherwin Williams Original White SW 7077
- E Metal Awning, Cornice, Doors, and Windows painted Sherwin Williams Iron Ore SW 7069



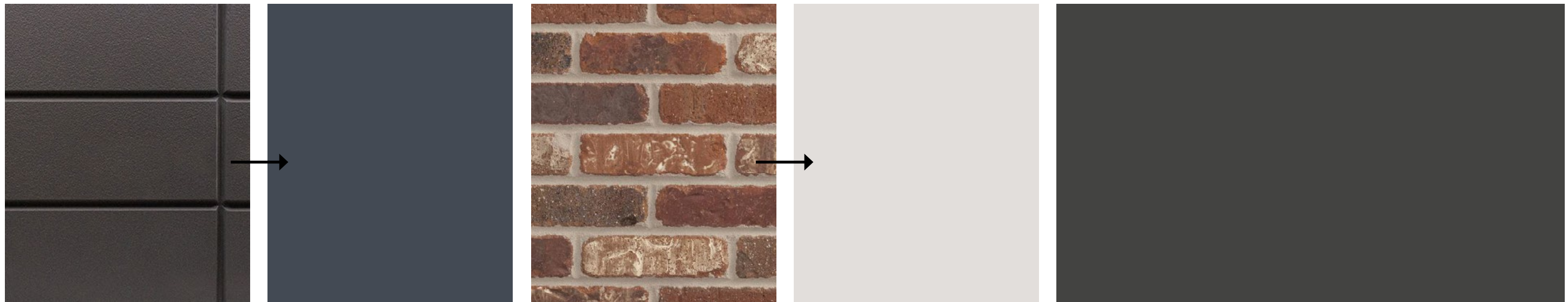
East Elevation

Materials List



A **Exterior Faux Wood**
Nichiha Fiber Cement Vintagewood Series: Spruce painted Sherwin William City Loft SW 7631

B **Exterior Paneling**
Nichiha Fiber Tuffblock Modern Series painted Sherwin Williams Earl Gray SW 7660



C **Exterior Paneling**
Nichiha Fiber Tuffblock Modern Series painted Sherwin Williams Sea Mariner SW 9640

D **Exterior Brick**
General Shale Barrington painted Sherwin Williams Original White SW 7077

E **Exterior Details**
Metal Awning, Cornice, Doors, and Windows painted Sherwin Williams Iron Ore SW 7069

220 South Claybrook

Additional Materials



Parking Lot Lighting

Lithonia Lighting D-Series Size 1 LED Area Luminaire



Parking Garage Lighting

Lithonia Lighting VCPG LED Parking Garage



Additional Lighting

Lithonia Lighting WDGE4 LED Architectural Wall Sconce



1 South Claybrook Street Elevation
 Scale: 1/8" = 1'-0"



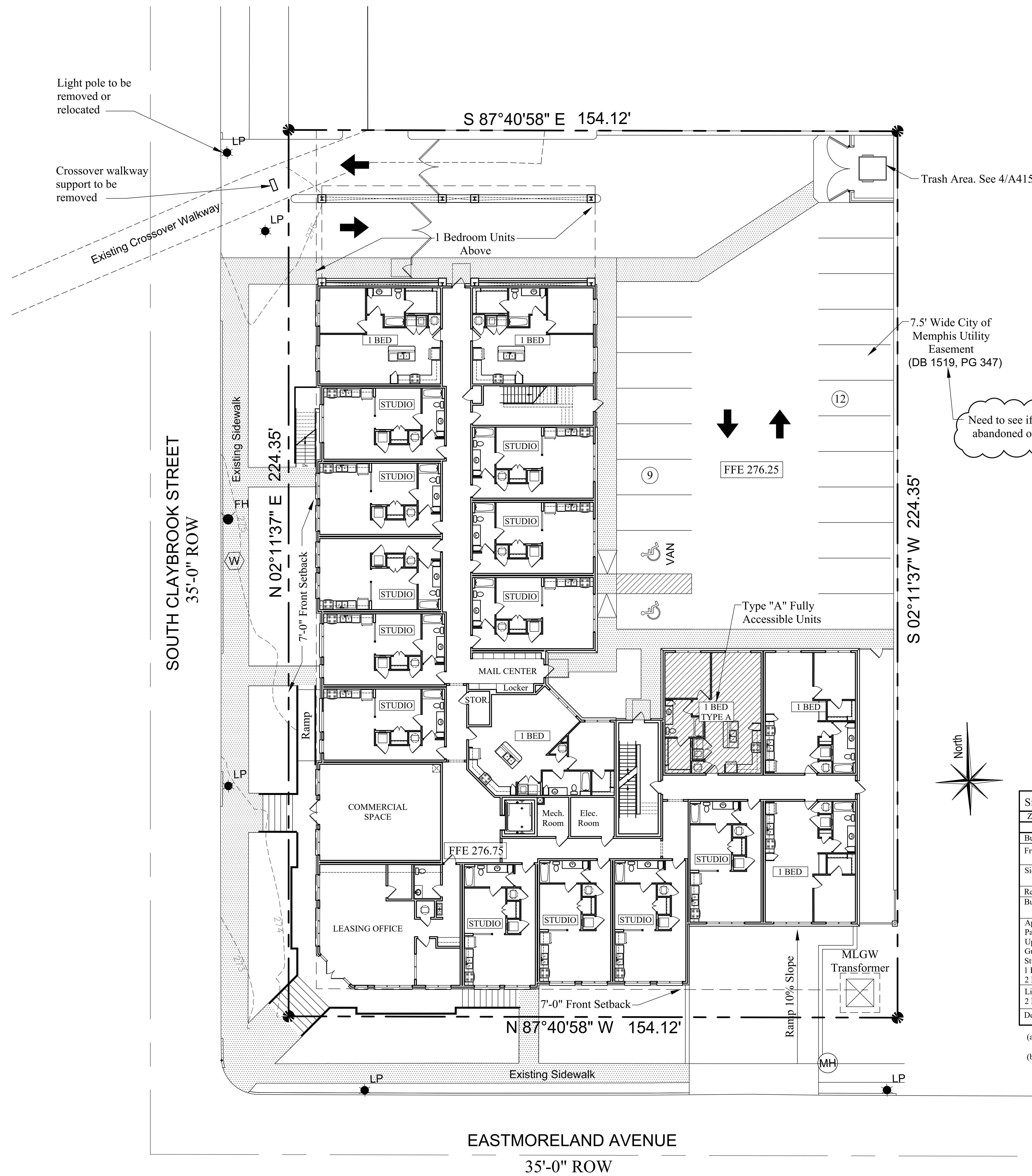
2 Eastmoreland Avenue Street Elevation
 Scale: 1/8" = 1'-0"



1 East Elevation (Parking Lot)
Scale: 1/8" = 1'-0"



2 North Elevation (Parking Lot)
Scale: 1/8" = 1'-0"



Site Data:		
Zoned: CMU-3 / Medical Overlay District / General		
Description	Required	Shown
Building Height Max	80'-0" Max	4 Stories
Front Setback	7'-0" Min	South Claybrook = 7'-0" Eastmoreland Ave = 7'-0"
Side Yard Setback	None	South Claybrook = 16'-2" Eastmoreland Ave = 8'-3"
Rear Yard Setback	None	None
Building Frontage	None	South Claybrook = 90% Eastmoreland Ave = 91%
Apartments:		
Parking Spaces (a.)	Without Reduction = 112 With Reduction = 85	85 Parking Spaces
Upper - Story Residential		
Guest = 0.15 Per Unit		
Studio = 1.0 Per Unit		
1 Bed = 1.5 Per Unit		
2 Bed = 1.5 Per Unit		
Live / Work (a.)	Without Reduction = 164 With Reduction = 123	
2 Per Residential Unit		
Density (b.)	None	103 units per acre

(a.) The Medical District Overlay allows for a 25% parking reduction due to the public transit provided
(b.) 0.79 Acres Per Survey Dated 10/30/20

NO.	DESCRIPTION / REVISIONS:	DATE:
1	100% Schematic Design Set	07/06/2021
2	100% Design Development Set	08/04/2021
3	50% Construction Document Set	09/01/2021
4	95% Construction Document Set	10/13/2021

STAMP:

CONSULTANT NAME:

Patton & Taylor
Enterprises
MEMPHIS, TENNESSEE

DEVELOPER NAME:

220 South
MEMPHIS, TENNESSEE

PROJECT NAME:

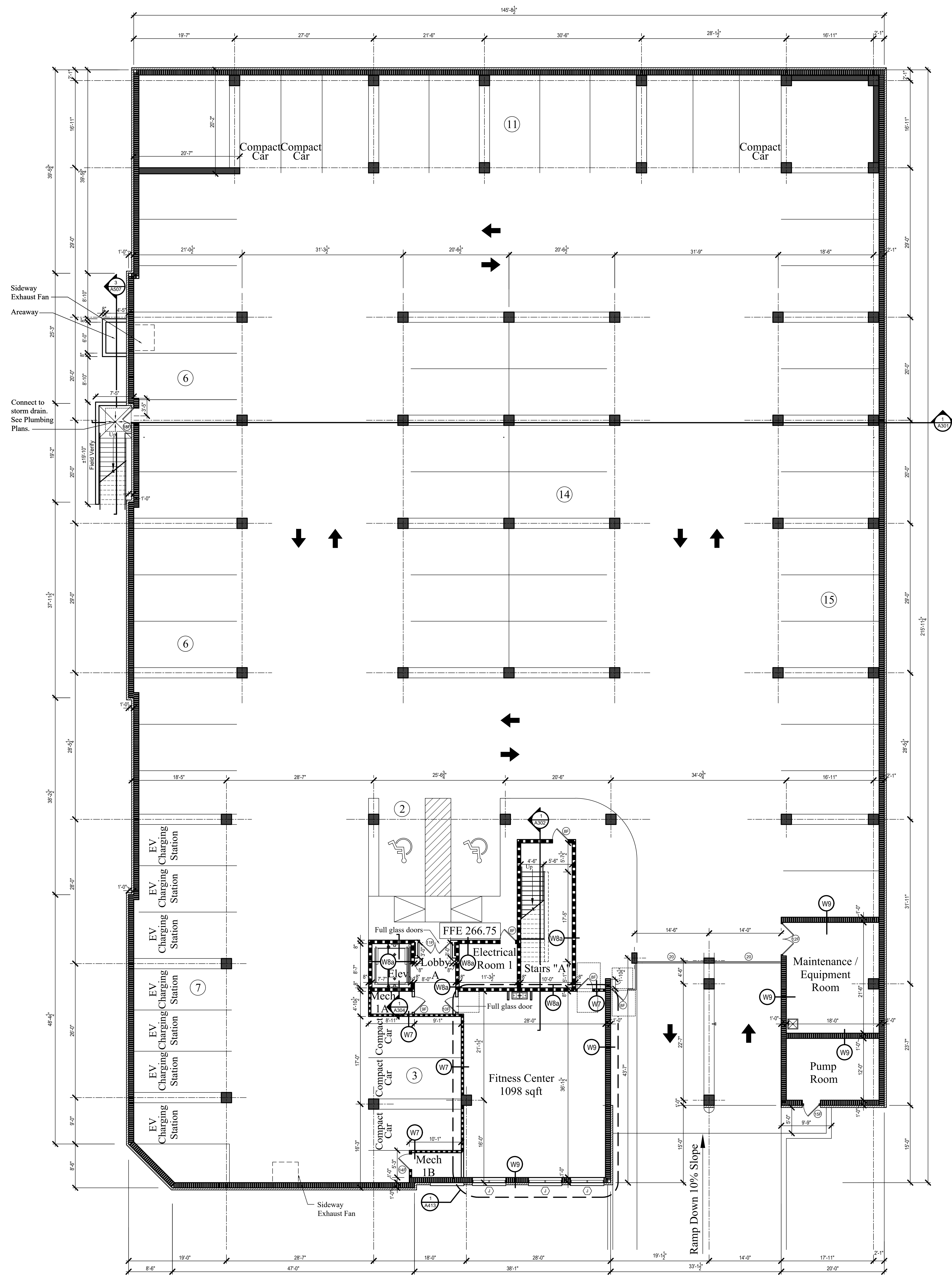
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STAMP:

PROJECT NUMBER: 20030
DATE: 06/3/2021

SHEET TITLE:
Basement Floor Plan

SHEET NUMBER:
A110



Note:
See First Floor Plan for all typical dimensions and notes.

Note:
Dimensions are noted from outside face of stud to outside face of stud unless noted otherwise. Studs not dimensioned are 2 x 6 (5") unless noted otherwise.

Note:
Typical ceiling heights:
Basement - 9'-0" (below units)
8'-0" (below parking)
First Floor Plan - 12'-0"
Second Floor Plan - 9'-1"
Third Floor Plan - 9'-1"
Fourth Floor Plan - 9'-0" & 12'-0"
(See fourth floor plan for locations of varying ceiling heights)
Unless noted otherwise.

Wall Type Legend

- 2x4 or 2x6 Stud wall
- 2x4 or 2x6 Stud wall w/ 1 hour or 2 hour rating/ load bearing wall (See A-501 Wall Types)
- 2hr Concrete Block wall
- 2hr Concrete wall
- (2)2x6 Stud wall w/ 1 hour rating/ load bearing wall
- Block veneer

Note:
Contractor shall confirm door rough opening dimensions with door manufacturers requirements and confirm finish floor material prior to installing door headers.

1 Basement Floor Plan
Scale: 1/8" = 1'-0"

CONSULTANT NAME:

Patton & Taylor
Enterprises
MEMPHIS, TENNESSEE

DEVELOPER NAME:

220 South
MEMPHIS, TENNESSEE

PROJECT NAME:

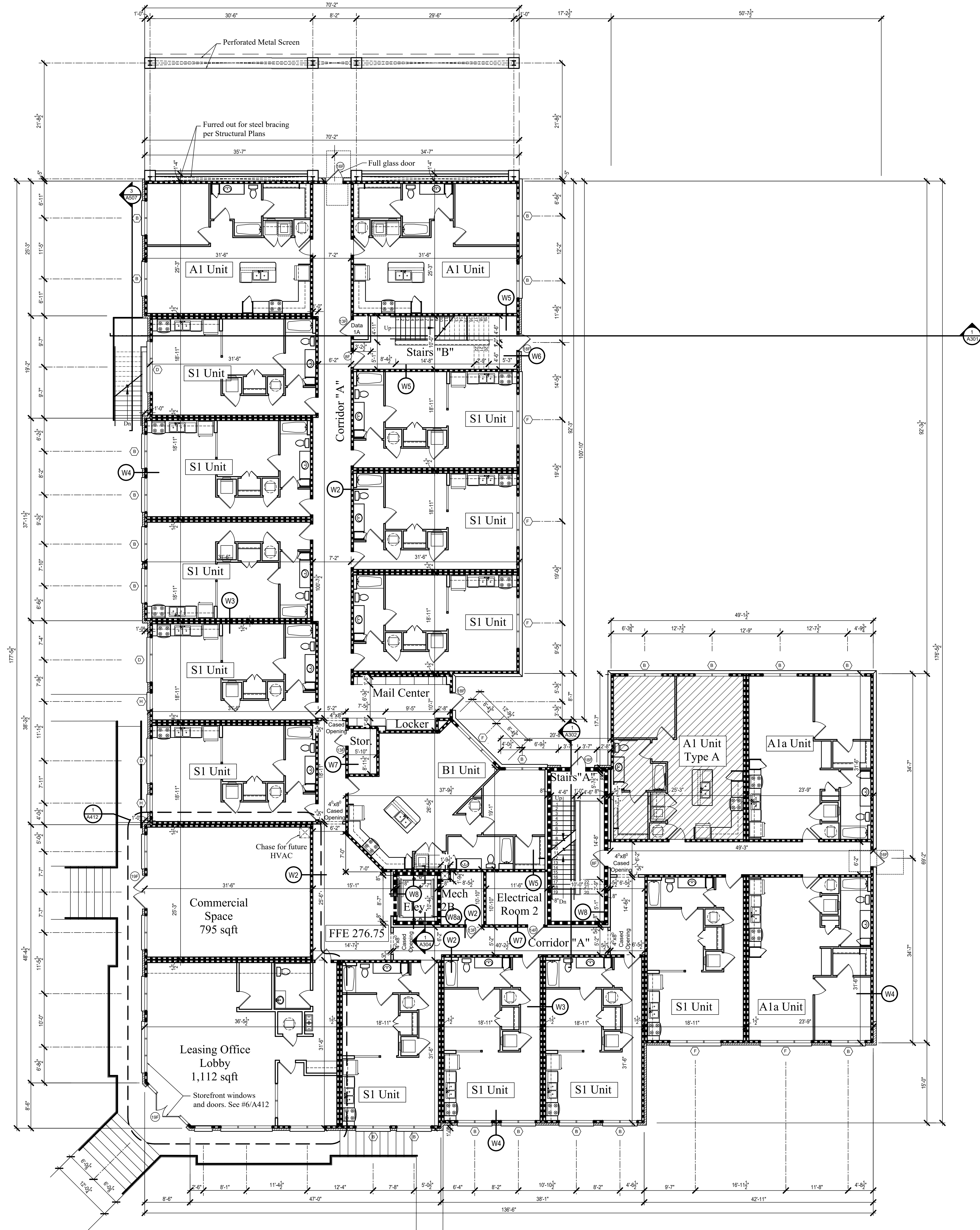
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STAMP:

PROJECT NUMBER: 20030
DATE: 06/3/2021

SHEET TITLE:
First Floor Plan

SHEET NUMBER:
A111



Note:
See First Floor Plan for all typical dimensions and notes.

Note:
Dimensions are noted from outside face of stud to outside face of stud unless noted otherwise. Studs not dimensioned are 2 x 6 (5") unless noted otherwise.

Note:
Typical ceiling heights:
Basement - 9'-0" (below units)
First Floor Plan - 12'-0"
Second Floor Plan - 9'-1"
Third Floor Plan - 9'-1"
Fourth Floor Plan - 9'-1" & 12'-0"
(See fourth floor plan for locations of varying ceiling heights)
Unless noted otherwise.

Wall Type Legend

- 2x4 or 2x6 Stud wall
- 2x4 or 2x6 Stud wall w/ 1 hour or 2 hour rating/ load bearing wall (See A-501 Wall Types)
- 2hr Concrete Block wall
- 2hr Concrete wall
- 2x6 Stud wall w/ 1 hour rating/ load bearing wall
- Brick veneer

Note:
Contractor shall confirm door rough opening dimensions with door manufacturers requirements and confirm finish floor material prior to installing door headers.

1 First Floor Plan
Scale: 1/8" = 1'-0"

CONSULTANT NAME:

Patton & Taylor
Enterprises
MEMPHIS, TENNESSEE

DEVELOPER NAME:

220 South
MEMPHIS, TENNESSEE

PROJECT NAME:

NO.	DESCRIPTION / REVISIONS:	DATE
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3	50% Construction Document Set	09/01/2021
4	95% Construction Document Set	10/13/2021

STAMP:

PROJECT NUMBER: 20030
DATE: 06/3/2021

SHEET TITLE:
Second Floor Plan

SHEET NUMBER:
A112

Note:
See First Floor Plan for all typical
dimensions and notes.

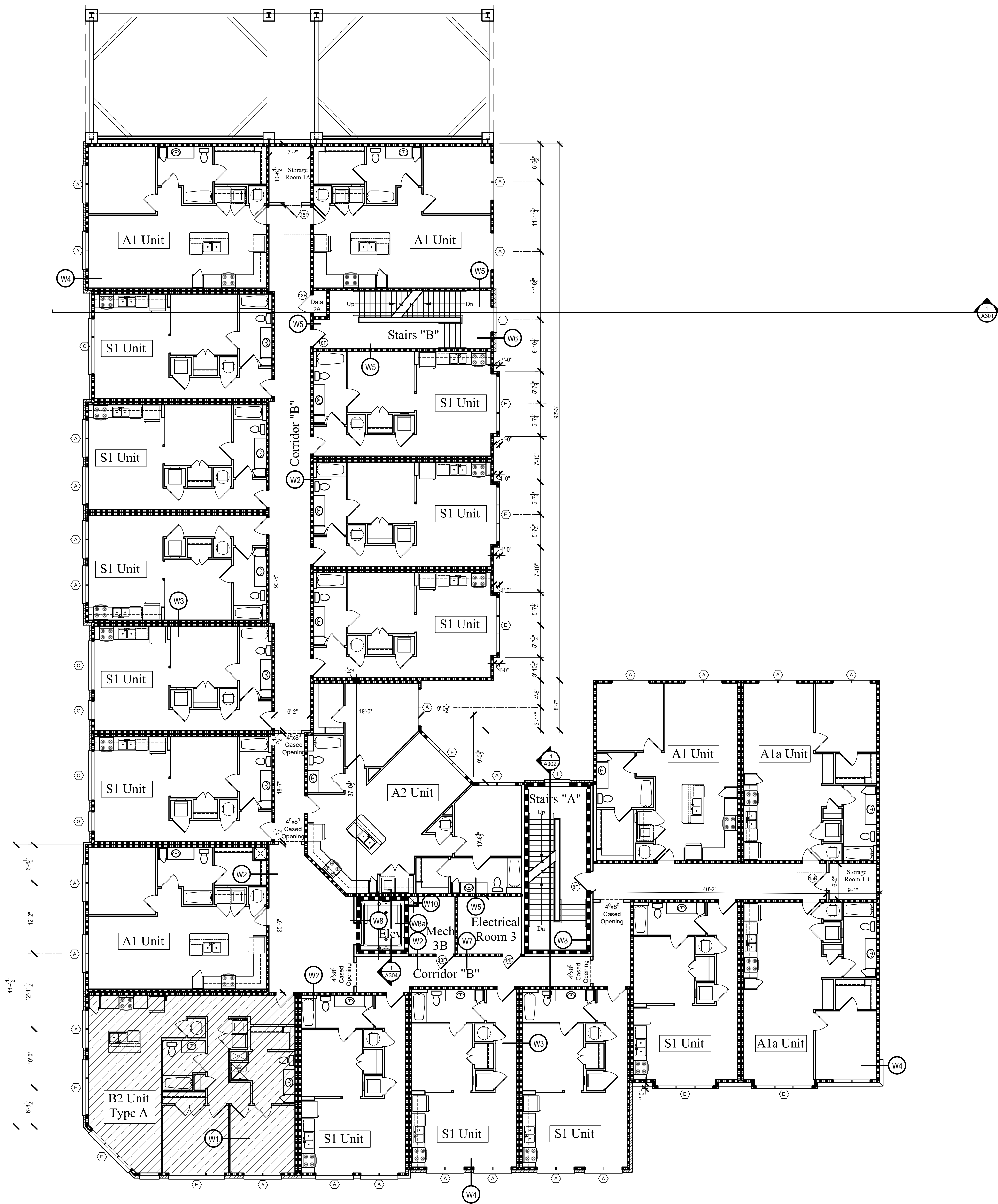
Note:
Dimensions are noted from outside
face of stud to outside face of stud
unless noted otherwise. Studs not
dimensioned are 2 x 4 (95") unless
noted otherwise.

Note:
Typical ceiling heights:
Basement - 9'-0" (below units)
First Floor Plan - 12'-0"
Second Floor Plan - 9'-1 1/2"
Third Floor Plan - 9'-1 1/2"
Fourth Floor Plan - 9'-1 1/2" & 12'-0"
(See fourth floor plan for locations
of varying ceiling heights)
Unless noted otherwise.

Wall Type Legend

- 2x4 or 2x6 Stud wall
- 2x4 or 2x6 Stud wall w/ 1 hour or 2 hour rating load bearing wall (See A-501 Wall Types)
- 2hr Concrete Block wall
- 2hr Concrete wall
- (2)2x6 Stud wall w/ 1 hour rating load bearing wall
- Brick veneer

Note:
Contractor shall confirm door rough
opening dimensions with door
manufacturers requirements and confirm
finish floor material prior to installing door
headers.



1 Second Floor Plan
Scale: 1/8" = 1'-0"

CONSULTANT NAME:

Patton & Taylor
Enterprises
MEMPHIS, TENNESSEE

DEVELOPER NAME:

220 South
MEMPHIS, TENNESSEE

PROJECT NAME:

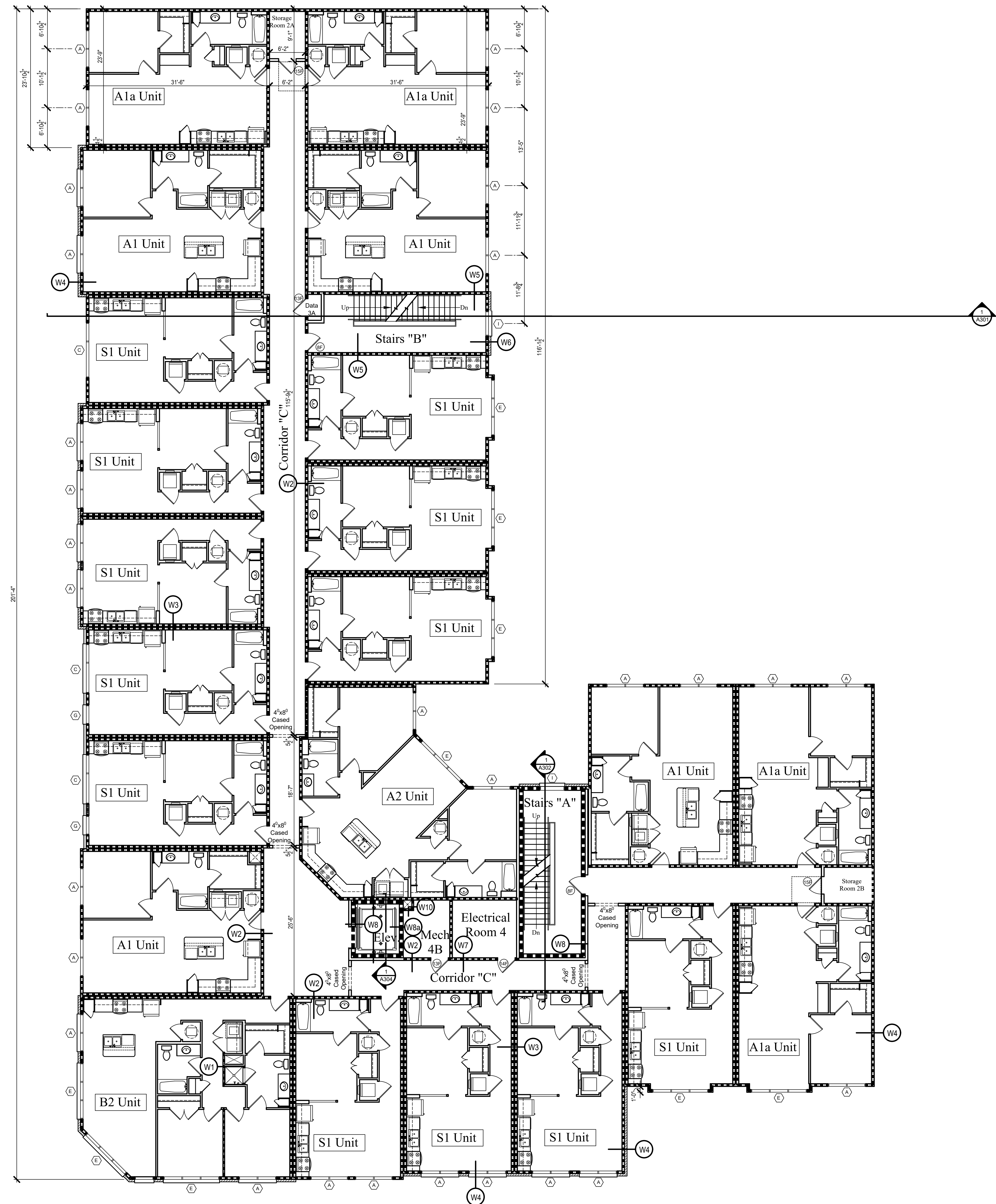
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3	50% Construction Document Set	09/01/2021
4	95% Construction Document Set	10/13/2021

STAMP:

PROJECT NUMBER: 20030
DATE: 06/3/2021

SHEET TITLE:
Third Floor Plan

SHEET NUMBER:
A113



Note: See First Floor Plan for all typical dimensions and notes.

Note: Dimensions are noted from outside face of stud to outside face of stud unless noted otherwise. Studs not dimensioned are 2 x 6 (S₂) unless noted otherwise.

Note: Typical ceiling heights:
Basement - 9'-0" (below units)
Basement - 8'-5" (below parking)
First Floor Plan - 12'-0"
Second Floor Plan - 9'-1 1/2"
Third Floor Plan - 9'-1 1/2"
Fourth Floor Plan - 9'-1 1/2" & 12'-0"
(See fourth floor plan for locations of varying ceiling heights).
Unless noted otherwise.

Wall Type Legend

- 2x4 or 2x6 Stud wall
- 2x4 or 2x6 Stud wall w/ 1 hour or 2 hour rating/ solid bearing wall (See A-501 Wall Types)
- 2hr Concrete Block wall
- 2hr Concrete wall
- (2)2x6 Stud wall w/ 1 hour rating/ load bearing wall
- Brick veneer

Note: Contractor shall confirm door rough opening dimensions with door manufacturers requirements and confirm finish floor material prior to installing door headers.

1 Third Floor Plan
Scale: 1/8" = 1'-0"

CONSULTANT NAME:

Patton & Taylor
Enterprises
MEMPHIS, TENNESSEE

DEVELOPER NAME:

220 South
MEMPHIS, TENNESSEE

PROJECT NAME:

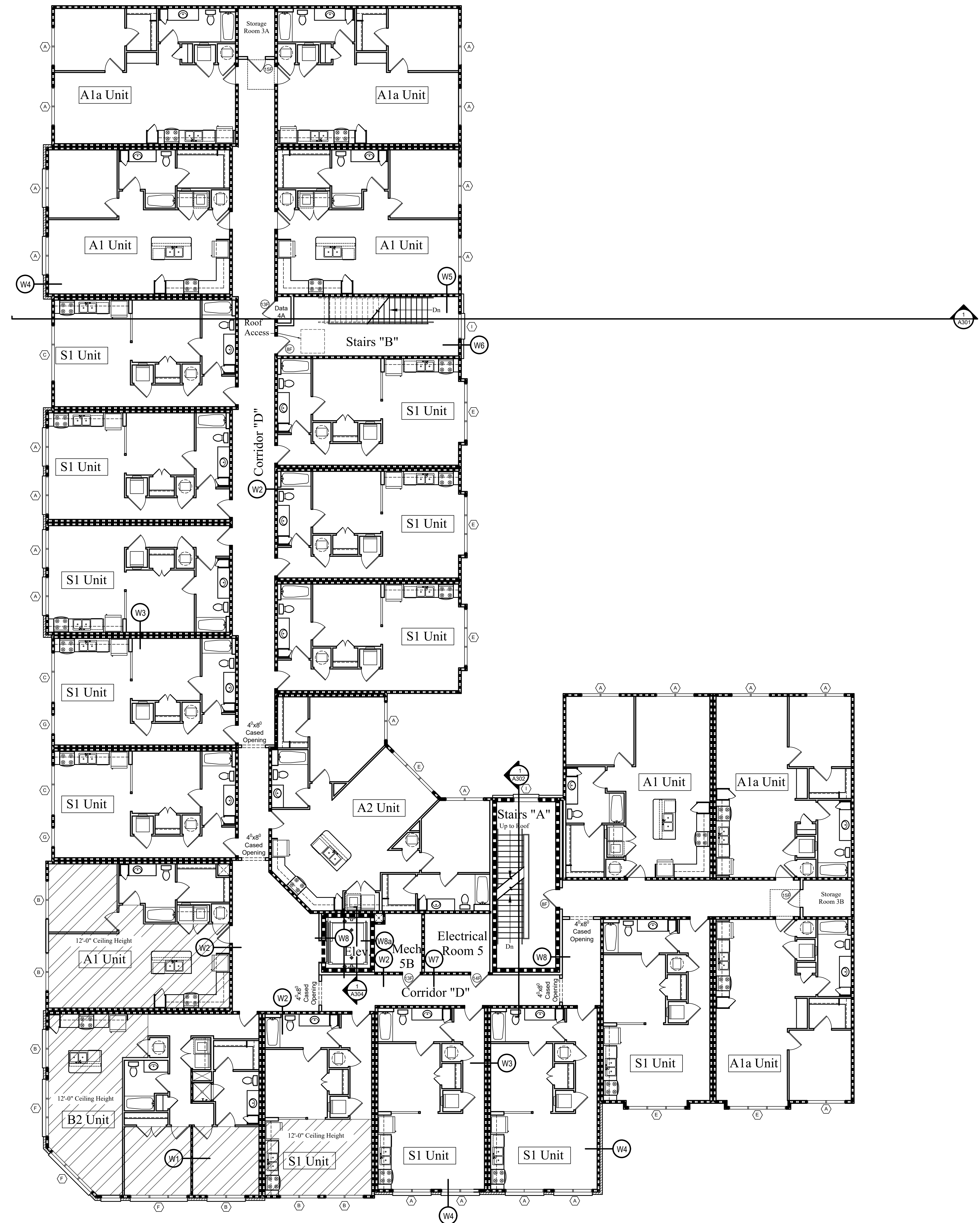
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4	95% Construction Document Set	10/13/2021

STAMP:

PROJECT NUMBER: 20030
DATE: 06/3/2021

SHEET TITLE:
Fourth Floor Plan

SHEET NUMBER:
A114



Note:
See First Floor Plan for all typical dimensions and notes.

Note:
Dimensions are noted from outside face of stud to outside face of stud unless noted otherwise. Studs not dimensioned are 2 x 6 (S₂) unless noted otherwise.

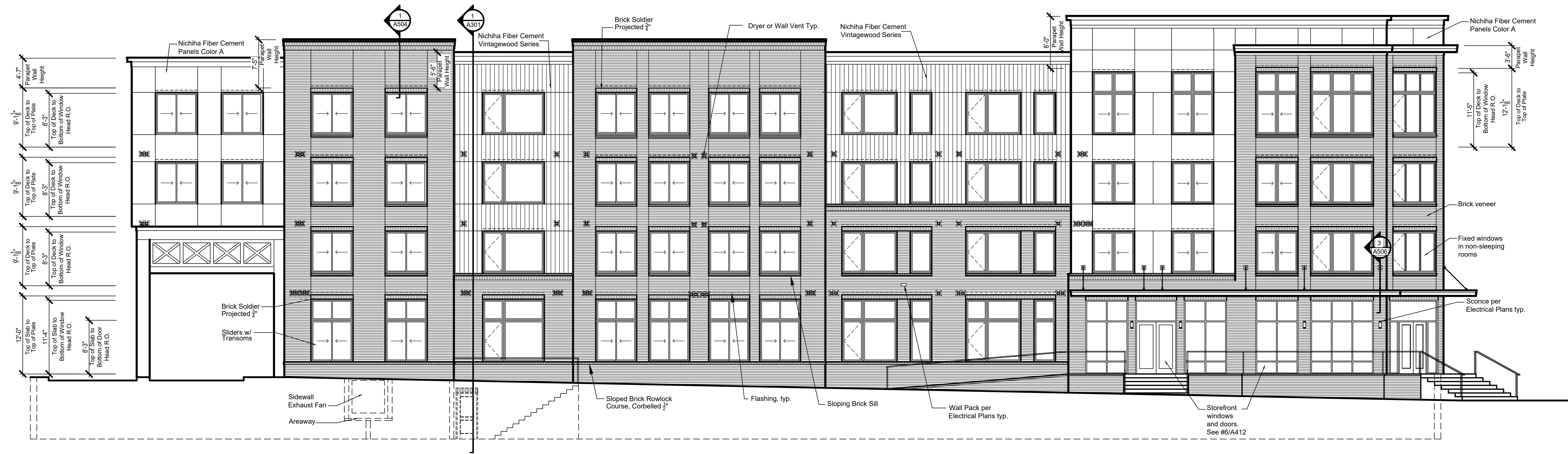
Note:
Typical ceiling heights:
Basement - 9'-0" (below units)
6'-0" (below parking)
First Floor Plan - 12'-0"
Second Floor Plan - 9'-1 1/2"
Third Floor Plan - 9'-1 1/2"
Fourth Floor Plan - 9'-1 1/2" & 12'-0"
(See fourth floor plan for locations of varying ceiling heights)
Unless noted otherwise.

Wall Type Legend

	2x4 or 2x6 Stud wall
	2x4 or 2x6 Stud wall w/ 1 hour or 2 hour rating/ load bearing wall (See A-501 Wall Types)
	2hr Concrete Block wall
	2hr Concrete wall
	2x2x6 Stud wall w/ 1 hour rating/ load bearing wall
	Brick veneer

Note:
Contractor shall confirm door rough opening dimensions with door manufacturers requirements and confirm finish floor material prior to installing door headers.

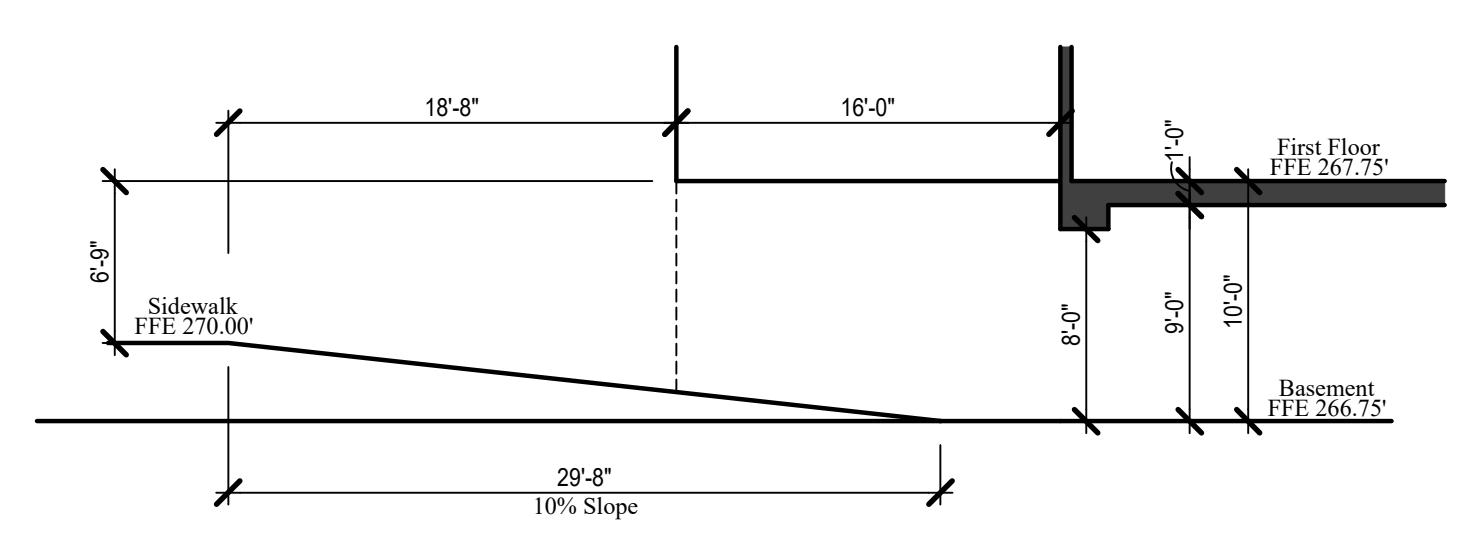
1 Fourth Floor Plan
Scale: 1/8" = 1'-0"



1 South Claybrook Street Elevation
Scale: 1/8" = 1'-0"



3 Eastmoreland Avenue Street Elevation
Scale: 1/8" = 1'-0"



2 Ramp Section
Scale: 1/8" = 1'-0"

CONSULTANT NAME:

DEVELOPER NAME:
Patton & Taylor Enterprises
MEMPHIS, TENNESSEE

PROJECT NAME:
220 South
MEMPHIS, TENNESSEE

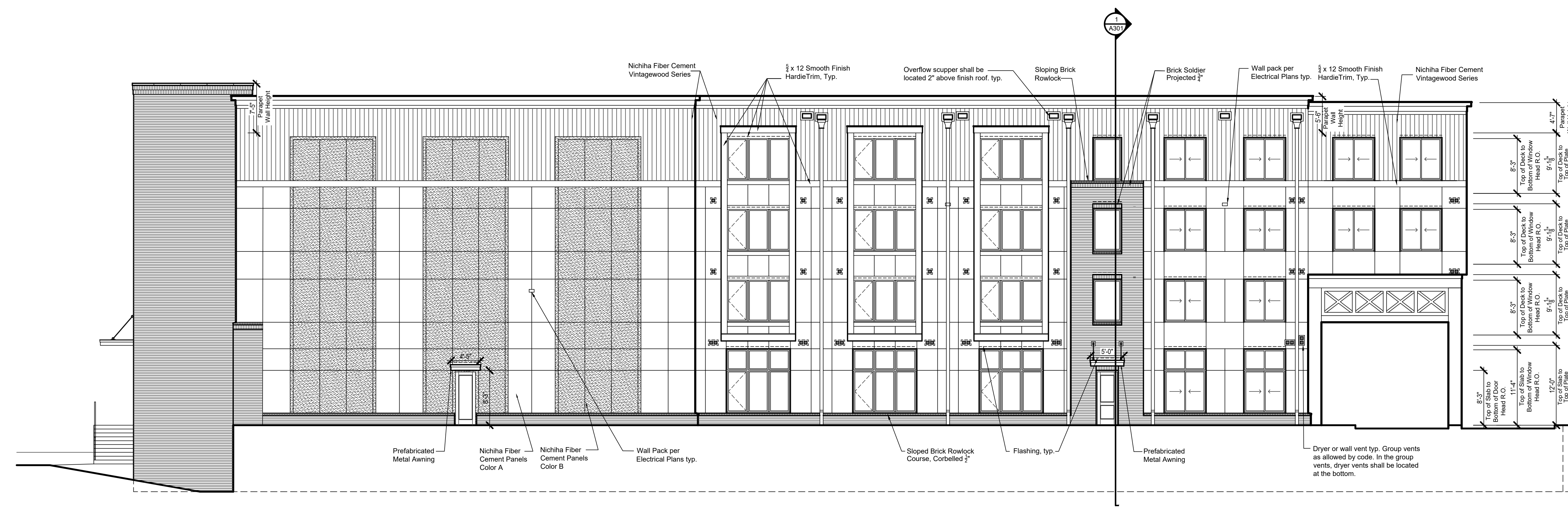
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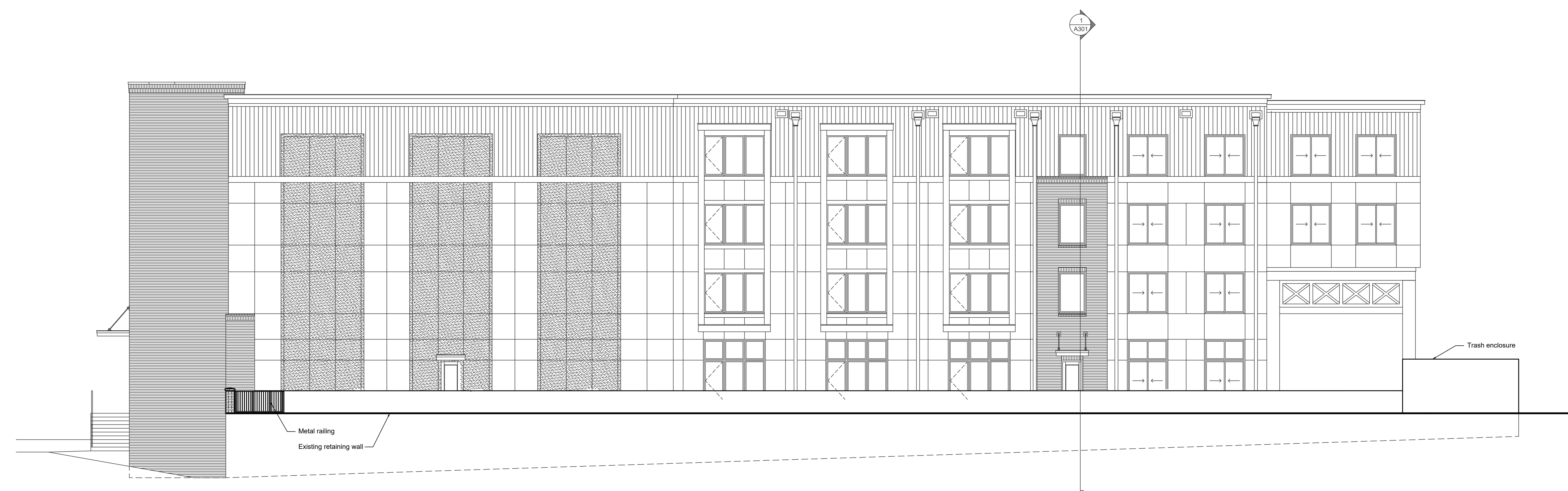
PROJECT NUMBER: 20030
DATE: 06/3/2021

SHEET TITLE:
Building Elevations

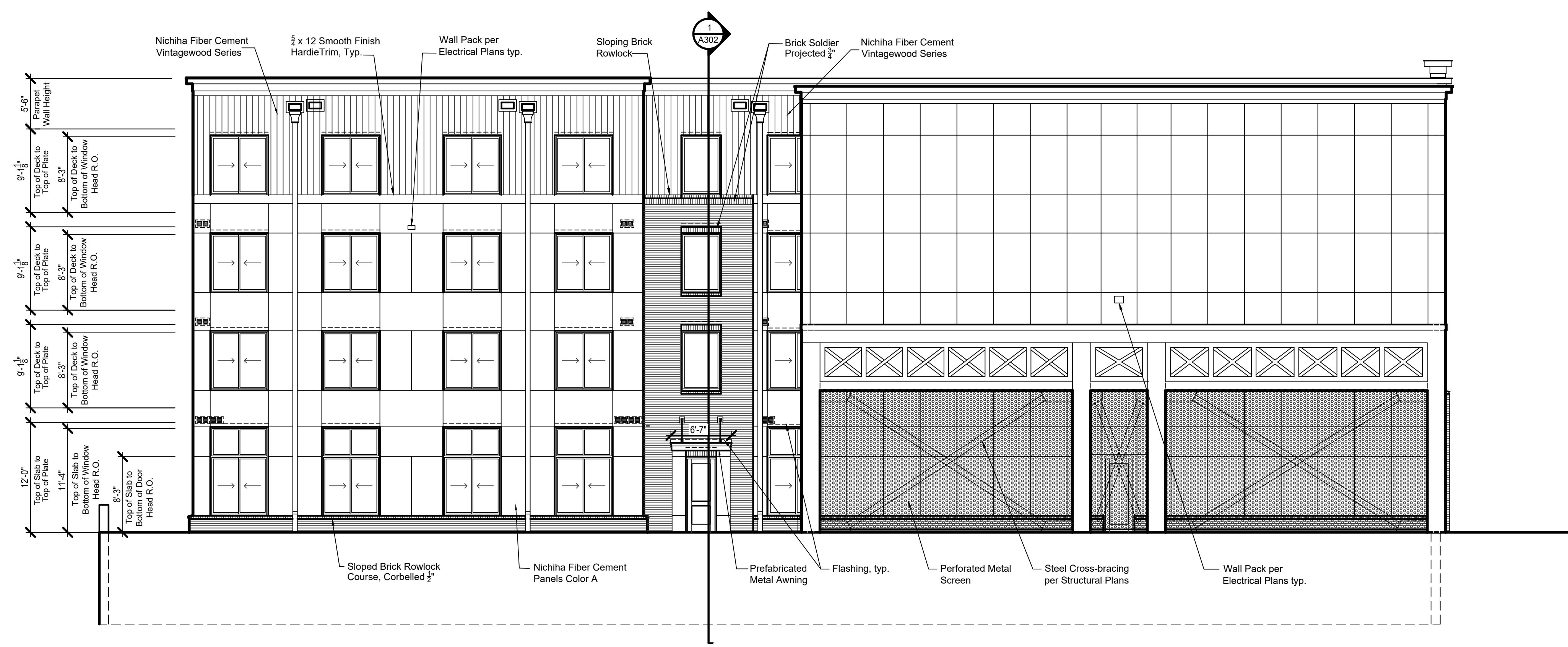
SHEET NUMBER:
A200



1 East Elevation (Parking Lot)
Scale: 1/8" = 1'-0"



2 East Elevation (Parking Lot)
Scale: 1/8" = 1'-0"



3 North Elevation (Parking Lot)
Scale: 1/8" = 1'-0"

Shapiro & Company
architects, p.c.
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4646 Poplar Ave., Suite 517
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www.shapiroandco.com

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Company Architects, p.c.

CONSULTANT NAME:

DEVELOPER NAME:
**Patton & Taylor
Enterprises**
MEMPHIS, TENNESSEE

PROJECT NAME:
220 South
MEMPHIS, TENNESSEE

NO.	DESCRIPTION / REVISIONS	DATE
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STAMP:

PROJECT NUMBER: 20030
DATE: 06/3/2021

SHEET TITLE:
Building Elevations

SHEET NUMBER:
A210

ELECTRICAL LEGEND

SYMBOLS	ABBREVIATIONS
	AFF ABOVE FINISHED FLOOR
	AFG ABOVE FINISHED GRADE
	AIC AMPERE INTERRUPTING CAPACITY
	ATS AUTOMATIC TRANSFER SWITCH
	BKR BREAKER
	CKT CIRCUIT
	CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
	EDF ELECTRIC DRINKING FOUNTAIN
	IG ISOLATED GROUND
	NF NON-FUSED
	DFCI DWNER FURNISHED, CONTRACTOR INSTALLED
	RGS RIGID GALVANIZED STEEL
	SDWB SPACE ONLY WITH BUS
	SPD SURGE PROTECTIVE DEVICE
	TR TAMPERS RESISTANT
	UND UNLESS NOTED OTHERWISE
	VP WEATHERPROOF
	XFMR TRANSFORMER
	3P 3-POLE
	3PH 3-PHASE
	4W 4-WIRE
	30/3 30-AMP, 3-POLE
	30/3/NF 30-AMP, 3-POLE, NON-FUSED
	30/3/15A 30-AMP, 3-POLE, FUSED @ 15 AMPS
	RECESSED TV OUTLET
	SPST WALL SWITCH
	SPDT (3-WAY) WALL SWITCH
	DIMMER SWITCH
	DUAL-TECHNOLOGY OCCUPANCY SENSOR SWITCH
	DUAL-TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR
	DATA OUTLET
	TELEPHONE OUTLET
	DATA & TELEPHONE OUTLET
	AREA OF RESCUE CALL STATION REFER TO DETAIL ON SHEET E002
	FIRE ALARM MANUAL PULL STATION
	ELECTRO-MAGNETIC DOOR HOLDER
	HEAT DETECTOR
	SMOKE DETECTOR
	SMOKE DETECTOR WITH 50HZ SOUNDER BASE
	SMOKE DETECTOR WITH CO DETECTOR BASE
	CARBON MONOXIDE DETECTOR
	DUCT-MOUNTED SMOKE DETECTOR W/ RELAY
	FIRE ALARM MONITOR MODULE
	FIRE ALARM RELAY MODULE
	FIRE SPRINKLER WATER FLOW
	FIRE SPRINKLER TAMPERS SWITCH
	FIRE ALARM HORN
	FIRE ALARM SPEAKER
	FIRE ALARM STROBE
	FIRE ALARM HORN/STROBE
	FIRE ALARM SPEAKER/STROBE

GENERAL PROJECT NOTES:

- THE SCOPE OF THE ELECTRICAL WORK FOR THIS PROJECT IS NOT LIMITED TO THE REQUIREMENTS OF ANY ONE DRAWING, ANY PORTION OF THE DRAWINGS, ANY ONE SPECIFICATION DIVISION, OR ANY PORTION OF THE SPECIFICATIONS WHOSE MAIN TRADE IS ELECTRICAL. THE SCOPE OF THE ELECTRICAL WORK FOR THIS PROJECT CONSISTS OF ALL ELECTRICAL WORK REQUIRED TO OBTAIN COMPLETE AND OPERATING SYSTEMS AND EQUIPMENT AS INDICATED ON OR AS CAN BE REASONABLY INFERRED FROM ALL DRAWINGS AND SPECIFICATIONS.
- REVIEW ALL DRAWINGS AND ADJUST ALL WORK TO CONFORM TO ALL CONDITIONS SHOWN THEREIN. DISCREPANCIES BETWEEN DIFFERENT DRAWINGS OR BETWEEN DRAWINGS AND SPECIFICATIONS OR CODES AND REGULATIONS GOVERNING THE INSTALLATION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO THE DATE OF BID OPENING.
- THE LOCATIONS OF EQUIPMENT, MOTORS, ETC., AS INDICATED ON THE DRAWINGS ARE APPROXIMATE ONLY. VERIFY ALL DIMENSIONS WITH THE APPROPRIATE EQUIPMENT INSTALLER BEFORE REVISING. WHERE CONDUIT, WIRING, SERVICE EQUIPMENT, LIGHTS, SWITCHES, OR OTHER ELECTRICAL EQUIPMENT INTERFERE WITH CONSTRUCTION, REMOVE, RELOCATE AND REARRANGE SUCH MATERIAL AND EQUIPMENT AS REQUIRED TO MAKE A COMPLETE AND SATISFACTORY INSTALLATION.
- PROPERLY SEAL ALL PENETRATIONS THROUGH FIRE AND/OR SMOKE RATED ASSEMBLIES. ALL MATERIAL USED TO SEAL SUCH PENETRATIONS SHALL BE UL LISTED FOR THE INTENDED USE. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF ALL RATED ASSEMBLIES.
- RACEWAYS, CABLES, BOXES, AND FITTINGS SHALL BE SECURELY FASTENED TO THE BUILDING STRUCTURE. CEILING GRIDS AND ASSOCIATED SUPPORT WIRES SHALL NOT BE USED AS SUPPORTING MEANS.
- ALL CONDUIT ELBOWS INSTALLED BELOW GRADE INCLUDING ALL SLAB PENETRATIONS UP TO 6 INCHES AFF SHALL BE MADE OF GALVANIZED RIBBON STEEL.
- INSTALL SEISMIC SUPPORTS FOR ALL NEW ELECTRICAL SYSTEMS AS REQUIRED BY 2015 IBC, ASCE 7 AND LOCAL AUTHORITY HAVING JURISDICTION. REFER TO STRUCTURAL DRAWINGS FOR SEISMIC CLASSIFICATIONS. SECURE THE SERVICES OF AN ENGINEER REGISTERED IN THE STATE OF TENNESSEE TO PROVIDE CALCULATIONS AND SEALED DRAWINGS OF ALL SEISMIC SUPPORT SYSTEMS. REFER TO SPECIFICATION SECTION 260544.
- THESE DRAWINGS DO NOT INDICATE CONTROL WIRING; HOWEVER, ALL SYSTEMS ARE REQUIRED TO BE FULLY FUNCTIONAL AT THE TIME OF PROJECT COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OTHER TRADES REGARDING THE PROCUREMENT AND INSTALLATION OF ALL CONTROL WIRING, CONDUIT, AND CONTROL RELATED DEVICES REQUIRED FOR THE PROPER OPERATION OF ALL MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS.
- THESE DRAWINGS ARE DIAGRAMMATIC ONLY AND SHALL NOT BE USED FOR SCALING PURPOSES. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SCALES AND DIMENSIONS.
- THESE DRAWINGS DO NOT CONSTITUTE SHOP DRAWINGS. THE CONTRACTOR SHALL PREPARE SHOP DRAWINGS USING MANUFACTURER'S PUBLISHED DIMENSIONS FOR THE ACTUAL EQUIPMENT PURCHASED FOR THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT WITH EQUIPMENT OF OTHER TRADES. THE CONTRACTOR SHALL REVIEW THE CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ARCHITECTURAL DRAWINGS AND DETERMINE AREAS WHERE INTERFERENCE MAY OCCUR. ALL AREAS OF INTERFERENCE SHALL BE PROMPTLY BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL.
- THE FOLLOWING CONDUCTOR SIZES SHALL BE PROVIDED FOR 120 AND 208V, 1-PHASE BRANCH CIRCUITS (HOT, NEUTRAL, GROUND) BASED ON CIRCUIT LENGTH TO NEAREST DEVICE. INCREASE SIZES OF RACEWAYS AS REQUIRED.

COND. SIZE	120V	208V
#12 AWG	0-50FT	0-110FT
#10 AWG	61-100FT	111-175FT
#8 AWG	101-155FT	176-285FT
#6 AWG	156-240FT	286-415FT

GENERAL LIGHTING NOTES:

- REFER TO SHEET E003 FOR LIGHT FIXTURE SCHEDULE.
- CONTRACTOR SHALL INSTALL A SEPARATE, UNSWITCHED HOT CONDUCTOR (UPSTREAM OF ANY SWITCHES, RELAYS, ETC.) TO EACH EMERGENCY DRIVER, EMERGENCY LIGHTING UNIT, AND EXIT SIGN. HOT CONDUCTOR MUST BE DERIVED FROM SAME BRANCH CIRCUIT SERVING NORMAL LIGHTING IN ASSOCIATED AREA AS REQUIRED BY ARTICLE 700 OF NEC, UNLESS NOTED OTHERWISE.
- COORDINATE CEILING TYPES WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. FURNISH ALL HANDWORK REQUIRED TO PROPERLY INSTALL LIGHTING FIXTURES IN RESPECTIVE CEILING TYPES.
- COORDINATE LIGHTING FIXTURES WITH RESPECTIVE CIRCUIT VOLTAGES AS INDICATED ON THE DRAWINGS.
- SUPPORT EACH RECESSED LIGHT FIXTURE INDEPENDENTLY OF THE ASSOCIATED CEILING GRID. CONTRACTOR SHALL SUPPORT EACH DOWNLIGHT (C/OULDS) WITH ONE (1) SLACK #12 SAFETY WIRE. ALL OTHER RECESSED FIXTURES (UP TO 2'X4" AND 45x65S) SHALL BE SUPPORTED WITH TWO (2) #12 SAFETY WIRES CONNECTED AT OPPOSITE DIAGONAL CORNERS. WIRING SHALL BE LOOPED THROUGH HANGERS TAKING INTEGRAL WITH FUTURE HOUSINGS AND SHALL BE SECURELY FASTENED TO STRUCTURE SAME AS CEILING SYSTEMS. EACH END OF SAFETY WIRE SHALL BE WRAPPED WITH MINIMUM THREE (3) TURNS (1-1/2" LENGTH).
- WALL SWITCHES SHALL BE MOUNTED AT 48 INCHES AFF TO CENTER UNLESS NOTED OTHERWISE. SWITCHES MOUNTED IN MASONRY WALLS SHALL BE ADJUSTED AS REQUIRED TO AVOID INTERFERENCE WITH COURSING.
- LOW-VOLTAGE CONTROL WIRING IS NOT SHOWN ON THE DRAWINGS. CONTRACTOR SHALL FURNISH AND INSTALL ALL WIRING REQUIRED FOR THE PROPER OPERATION OF ALL LIGHTING CONTROL SYSTEMS. CONTROL WIRING MAY BE INSTALLED OPENLY WHERE RUN HORIZONTALLY ABOVE ACCESSIBLE CEILING. ALL OTHER INSTALLATIONS, INCLUDING VERTICAL DROPS TO DEVICES, SHALL BE INSTALLED IN 3/4" EMT, CONCEALED WITH BUILDING FINISHES. OPEN WIRING SHALL BE SUPPORTED WITH J-HOOKS OR BRISLE RINGS AND SHALL BE KEPT INDEPENDENT FROM ALL OTHER WIRING. CONTROL WIRING SHALL BE PLENUM-RATED.

GENERAL POWER/SYSTEMS NOTES:

- ALL OUTLETS SHALL BE MOUNTED AT 18 INCHES AFF TO CENTER UNLESS NOTED OTHERWISE (SEE NOTE B BELOW). OUTLETS IN MASONRY WALLS SHALL BE ADJUSTED AS REQUIRED TO AVOID INTERFERENCE WITH COURSING.
- MOUNTING HEIGHTS OF ALL OUTLETS ARE TO CENTER OF DEVICES AND ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL ADJUST HEIGHTS AS REQUIRED TO AVOID INTERFERENCE WITH MILLWORK. OUTLETS INSTALLED ABOVE COUNTERTOPS SHALL BE MOUNTED 2 INCHES CLEAR ABOVE BACKSPASHES.
- INSTALL (1) 3/4" CONDUIT WITH PULL STRING FROM EACH TELECOM OUTLET TO NEAREST ACCESSIBLE CEILING SPACE UNLESS NOTED OTHERWISE.
- INSTALL NYLON BUSHINGS AT ENDS OF ALL TELECOM CONDUITS TO PREVENT DAMAGE TO CABLE INSULATION.
- INSTALL BLANK COVER PLATES OVER ALL UNUSED TELECOM WALL BOXES. COVER PLATES SHALL MATCH COLOR AND MATERIAL OF ALL OTHER WIRING DEVICE PLATES.
- ARRANGEMENT OF EQUIPMENT IN ELECTRICAL ROOMS IS FOR REFERENCE ONLY. CONTRACTOR SHALL UTILIZE DIMENSIONS SUPPLIED BY EQUIPMENT MANUFACTURERS AND ADJUST LOCATIONS AS REQUIRED TO PROVIDE ADEQUATE WORKING CLEARANCES.
- WHERE THE DISTANCE BETWEEN A PANELBOARD AND THE FIRST OUTLET OF A BRANCH CIRCUIT EXCEEDS 60 FEET, THE WIRING SHALL BE #10 AWG OR LARGER.

GENERAL FIRE ALARM NOTES:

- FIRE ALARM DEVICE QUANTITIES AND LOCATIONS ARE SHOWN FOR REFERENCE ONLY. INSTALLER SHALL CAREFULLY REVIEW THE PROPOSED LAYOUT AND ADD DEVICES AS REQUIRED TO COMPLY WITH CODES AND LOCAL MAY REQUIREMENTS. ADJUST DEVICE LOCATIONS TO AVOID INTERFERENCE WITH BUILDING FINISHES AND EQUIPMENT OF OTHER TRADES.
- FIRE ALARM WIRING SHALL BE INSTALLED OPENLY ABOVE ACCESSIBLE CEILING OR IN OPEN STRUCTURE AREAS. RUNS ABOVE INACCESSIBLE CEILING AND ALL VERTICAL DROPS SHALL BE INSTALLED IN 3/4" EMT. OPEN WIRING SHALL BE RUN AS HIGH AS POSSIBLE AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. CABLEING SHALL BE SUPPORTED WITH J-HOOKS. FIRE ALARM WIRING SHALL BE PLENUM-RATED.
- FURNISH AND INSTALL SMOKE DETECTORS IN HVAC DUCTWORK AS INDICATED ON THE DRAWINGS OR AS REQUIRED BY APPLICABLE CODES. PROVIDE RETROFLOW WIRING REQUIRED FOR HVAC UNIT SHUTOFF. HANG CONTRACTOR SHALL MOUNT SMOKE DETECTOR SENSORS IN DUCTWORK. DETECTOR SHALL BE LOCATED A MINIMUM OF SIX (6) INCHES FROM BENDS OR INLETS. DETECTORS SHALL BE DOWNSTREAM OF FILTERS IN SUPPLY DUCTS AND UPSTREAM OF OUTSIDE AIR INTAKES IN RETURN DUCTS.
- DUCT-MOUNTED SMOKE DETECTORS SHALL BE ACCESSIBLE FOR SERVICING AND INSPECTION. INSTALL REMOTE TEST STATIONS WHERE DUCT-MOUNTED SMOKE DETECTORS ARE NOT HOUSING AND/OR NEARLY ACCESSIBLE FROM THE FLOOR AREA. TEST STATIONS SHALL BE CLEARLY LABELED ACCORDING TO THEIR RESPECTIVE DETECTOR.
- INSTALL SMOKE DETECTORS A MINIMUM OF 3 FEET FROM AIR REGISTERS. HEAT DETECTORS SHALL BE INSTALLED IN LIEU OF SMOKE DETECTORS WHERE ADEQUATE SEPARATION CANNOT BE OBTAINED.
- WALL-MOUNTED FIRE ALARM AUDIBLE DEVICES SHALL BE LOCATED WITH THEIR TOPS NO LESS THAN 90" AFF AND NO LESS THAN 6 INCHES BELOW CEILING.
- WALL-MOUNTED FIRE ALARM VISUAL OR AUDIBLE/VISUAL DEVICES SHALL BE MOUNTED SUCH THAT THEIR ENTIRE LENSES ARE NO LESS THAN 90" AFF AND NO GREATER THAN 94" AFF.

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MEMPHIS, TENNESSEE

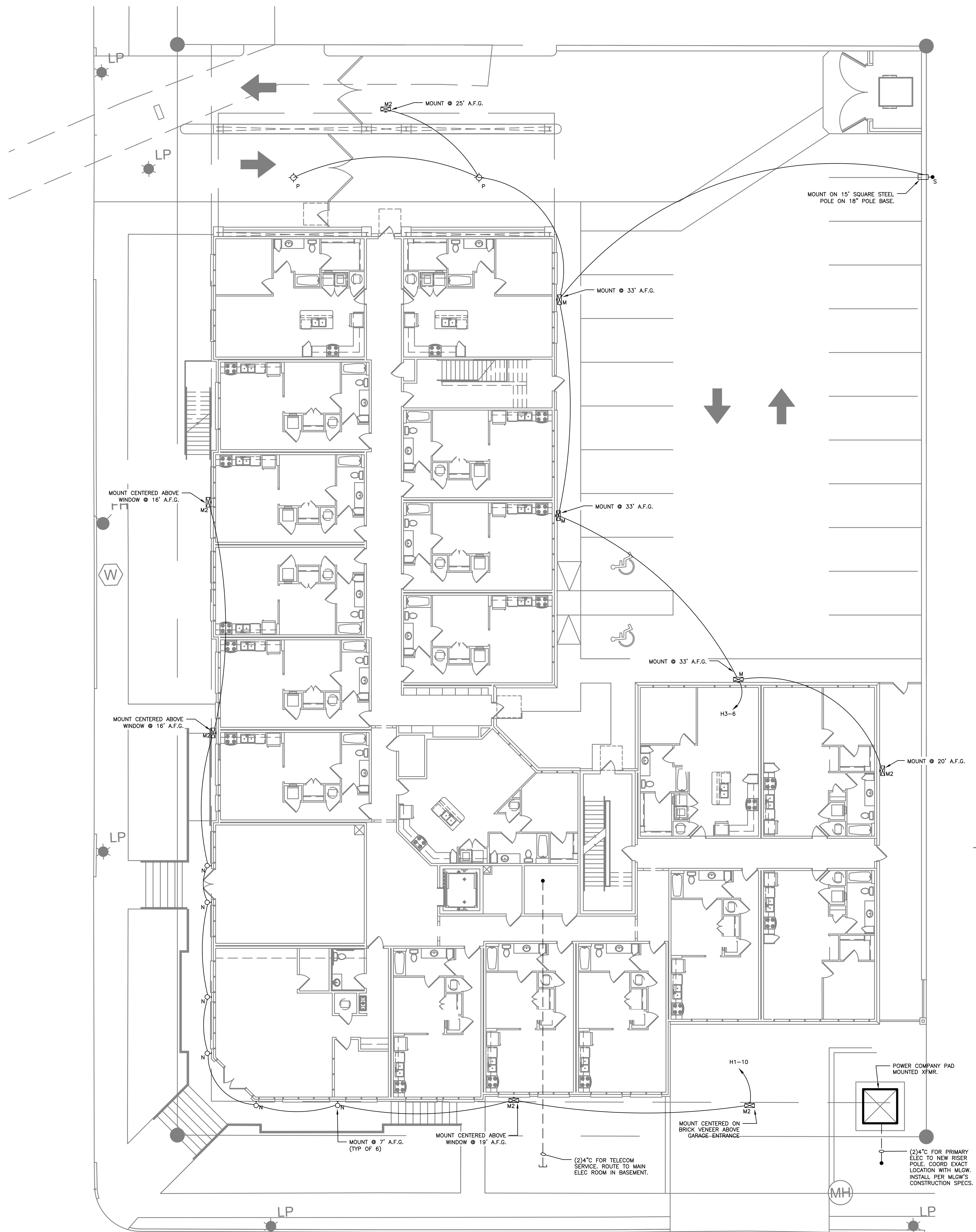
NO.	DESCRIPTION / REVISIONS:	DATE:
1	100% Schematic Design Set	07/09/2021
2	100% Design Development Set	08/04/2021
3	50% Construction Document Set	09/07/2021
4	95% Construction Document Set	10/12/2021

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PROJECT NUMBER: 20030
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SHEET TITLE:
ELECTRICAL LEGEND & NOTES

SHEET NUMBER:
E001



1 Electrical Site Plan
Scale: 3/32" = 1'-0"

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SHEET TITLE:
ELECTRICAL SITE PLAN

SHEET NUMBER:
E007