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PROJECT TEAM

FINKLE + WILLIAMS ARCHITECTURE 8787 Renner Blvd, Suite 100 Lenexa, Kansas 66219 PH. 913.498.1550

9801 Renner Blvd, Suite 300 Lenexa, Kansas 66219 PH. 913-577-8341

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FOUNDATIONS BSE STRUCTURAL ENGINEERS 11320 West 79th St. Lenexa, Kansas 66214 PH. 913-492-7400

STRUCTURAL BSE STRUCTRAL ENGINEERS 11320 West 79th St. Lenexa, Kansas 66214 PH. 913-492-7400

CONTRACTOR FOGEL-ANDERSON 1212 E. 8th St. Kansas City, Missouri 64106 PH. 816-842-6914

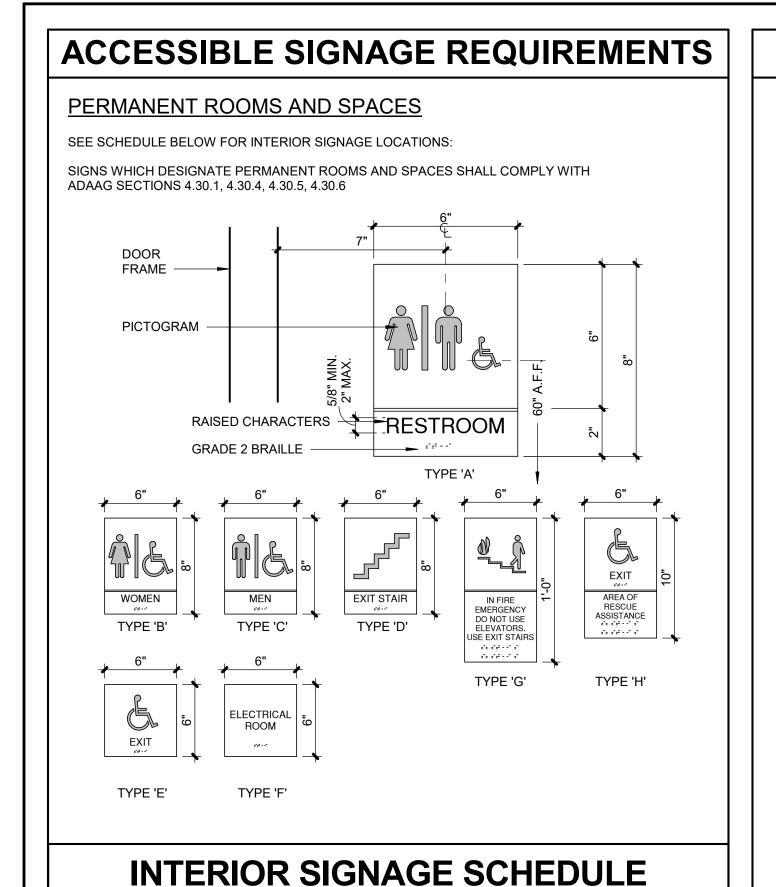
MECHANICAL HENDERSON ENGINEERS 8345 Lenexa Dr, Suite 300 Lenexa, Kansas 66214 PH. 913-742-5000

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ELECTRICAL HENDERSON ENGINEERS 8345 Lenexa Dr, Suite 300 Lenexa, Kansas 66214 PH. 913-742-5000

FIRE PROTECTION HENDERSON ENGINEERS 8345 Lenexa Dr, Suite 300 Lenexa, Kansas 66214 PH. 913-742-5000





SIGN TYPE SIGN TEXT DOOR NO. ROOM NAME

103.A	ELECT./IT	F	ELECTRICAL / IT ROOM
103.B	ELEV		
107.A	ELECTRICAL	F	ELECTRICAL ROOM
111.A	FIRE RISER ROOM	F	FIRE SPRINKLER ROOM
112.A	ELECTRICAL	F	ELECTRICAL ROOM
113.A	METER ENCLOSURE		
201.A	ELEV	G	
206.A	MENS RR	С	
207.A	WOMENS RR	В	
209.A	WEST STAIR	D	EXIT STAIR
211.A	EAST STAIR	D	EXIT STAIR

- TACTILE & BRAILE CHARACTERS

 a. CHARACTERS SHALL BE RAISED MINIMUM 1/32"
- CHARACTERS SHALL BE UPPER CASE & SANS SERIF OR SERIF TYPESTYLE b. CHARACTERS SHALL BE A MINIMUM OF 5/8" HIGH AND MAXIMUM 2" HIGH

- PICTOGRAMS (SYMBOLS)
 a. PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTORGRAM AS INDICATED. THE BORDER DIMENSION OF THE PICTORGRAM SHALL BE 6" MIN. IN HEIGHT
- CHARACTERS AND BACKGROUND SHALL BE EGGSHELL, MATTE OR OTHER NON-GLARE FINISH AS RECOMMENDED BY THE SIGN MANUFACTURER.
- BACKGROUND SHALL CONSIST OF 1/4" ACRYLIC, COLOR TO MATCH SW 7068 "GRIZZLE GREY"
- CHARACTERS AND SYMBOLS SHALL BE WHITE MOUNTING LOCATION AND HEIGHT
- MOUNT AT 60" ABOVE FINISH FLOOR TO THE CENTER OF SIGN MOUNT ON WALL ADJACENT TO THE LATCH SIDE OF THE DOOR
- IF NO WALL SPACE EXISTS ON THE LATCH SIDE OF THE DOOR, INCLUDING DOUBLE LEAF DOORS, MOUNT ON THE NEAREST ADJACENT WALL
- INCLUDE 4" HIGH VINYL WHITE LETTERS W/ MIN. 0.5" STROKE READING "SPRINKLER ROOM" APPLIED TO EXTERIOR SIDE OF DOOR, AS REQUIERD BY LOCAL FIRE DEPT.

DIRECTIONAL INFORMATION

OTHER SIGNS WHICH PROVIDE DIRECTION TO OR INFORMATION ABOUT FUNCTIONAL SPACES OF THE BUILDING SHALL COMPLY WITH ADAAG SECTIONS: 4.30.1, 4.30.2, 3.30.3, 4.30.5

DRAWING SYMBOLS LEGEND

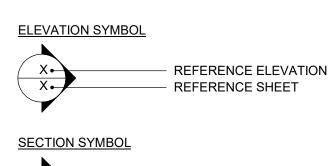
EXISTING CONSTRUCTION TO REMAIN EXISTING CONSTRUCTION TO BE DEMOLISHED

NEW CONSTRUCTION

• XX WALL TYPE DESIGNATION -REFERENCE FLOOR PLAN(S) FOR LOCATIONS. REFERENCE DRAWING A0.02 FOR CONSTRUCTION REQUIREMENTS.

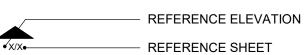
ROOM NAME AND NUMBER -REFERENCE FLOOR PLAN(S) FOR LOCATIONS. REFERENCE FINISH SCHEDULE FOR FINISHES.

DOOR AND FRAME DESIGNATION -REFERENCE FLOOR PLAN(S) FOR LOCATIONS. REFERENCE DOOR AND FRAME SCHEDULE FOR REQUIREMENTS.



REFERENCE SECTION - REFERENCE SHEET ENLARGED DETAIL / ENLARGED PLAN SYMBOI REFERENCE DETAIL REFERENCE SHEET

INTERIOR ELEVATION SYMBOL



FINISH DESIGNATION SYMBOL

XX-1 WALL FINISH DESIGNATION XX-1- BASE FINISH DESIGNATION LIMITS OF WALL AND BASE FINISHES

> REFERENCE FLOOR PLAN(S) FOR LOCATIONS. REFERENCE FINISH SCHEDULE FOR DESCRIPTIONS.

FLOOR FINISH DESIGNATION -REFERENCE FLOOR PLAN(S) FOR LOCATIONS. REFERENCE FINISH SCHEDULE FOR DESCRIPTIONS.

REVISION NOTE

CONSTRUCTION NOTE

DEMOLITION NOTE

RESTROOM ACCESSORY DESIGNATION -

GYPSUM BOARD CONTROL JOINT -REFERENCE FLOOR PLAN(S) FOR LOCATIONS. REFERENCE DETAIL 2/A0.01 FOR CONSTRUCTION REQUIREMENTS.

CONCRETE MASONRY CONTROL JOINT -REFERENCE FLOOR PLAN(S) FOR LOCATIONS. REFERENCE DETAIL 1/A0.01 FOR CONSTRUCTION REQUIREMENTS.

WALL MOUNTED FIRE EXTINGUISHER BY LARSEN'S MANUFACTURING COMPANY, WWW.LARSENMFG.COM, MODEL MP10 W/B2 MOUNTING BRACKET, REFERENCE FLOOR PLAN(S) FOR LOCATIONS. MOUNT SO CENTERLINE OF EXTINGUISHER IS 46" A.F.F.

SEMI-RECESSED FIRE EXTINGUISHER BY LARSEN'S MANUFACTURING COMPANY, WWW.LARSENMFG.COM OR APPROVED EQUAL: ARCHITECTURAL SERIES, MODEL # AL-2409-6R. ALUMINUM, SEMI-RECESSED (2 ½" PROTRUSION FROM WALL WITH ROLLED EDGES), SOLID DOOR WITH RECESSED HANDLE, ENGRAVED VERTICAL LETTERS WITH NO BACKFILL "FIRE EXTINGUISHER" ON DOOR. CABINET TO BE PROVIDED WITH MP10 FIRE EXTINGUISHER AND MANUFACTURER'S STANDARD MOUNTING

BRACKET. MOUNT SO CENTERLINE OF CABINET HANDLE IS 46" A.F.F.

GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE MINIMUM STANDARDS OF THE APPLICABLE CODE INDICATED IN THE BUILDING SUMMARY COLUMN AND ALL LOCAL CODES PRESENTLY IN EFFECT UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.
- ALL NEW CONSTRUCTION SHALL COMPLY W/THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) AND CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE (INCLUDES ICC A117.1 PER IBC)
- REQUIRED PERMITS, LICENSES, AND ALL UTILITY CHARGES, AND ARRANGE FOR ALL REQUIRED INSPECTIONS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING BUILDING & SITE

THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN AND PAY FOR ALL

UTILITIES BETWEEN CIVIL & MEP DRAWINGS. THE CONTRACTOR SHALL ALSO CONTACT ALL

APPLICABLE UTILITY COMPANIES & PROVIDE CONDUIT & OTHER FACILITIES AS REQUIRED.

- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS & CONDITIONS ON THE JOB SITE PRIOR TO THE BIDDING OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES. IN CASES OF DISCREPANCY CONCERNING DIMENSIONS, QUANTITIES AND LOCATION, THE CONTRACTOR SHALL, IN WRITING, CALL TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCIES BETWEEN SPECIFICATIONS, PLANS, DETAILS OR SCHEDULES. THE ARCHITECT WILL THEN INFORM THE CONTRACTOR, IN WRITING, WHICH DOCUMENT TAKES PRECEDENCE. THERE SHALL BE NO ADJUSTMENT TO THE COST OR TIME OF THE WORK
- DIMENSIONS ON DRAWINGS ARE SHOWN TO FINISHED FACE OF WALLS AND PARTITIONS OF EXISTING OR NEW CONSTRUCTION UNLESS OTHERWISE NOTED. CEILING HEIGHT DIMENSIONS AND ALL OTHER VERTICAL DIMENSIONS ARE TO THE FINISHED FLOOR SURFACE UNLESS OTHERWISE NOTED.

RESULTING FROM CLARIFICATION OF SUCH DISCREPANCIES.

BY THE ARCHITECT PRIOR TO CONSTRUCTION.

- CONTRACTOR TO FOLLOW ALL PRODUCT MANUFACTURER INSTALLATION REQUIREMENTS. FOR ALL BUILDING PRODUCTS. IN THE EVENT OF A CONFLICT BETWEEN INFORMATION SHOWN ON THE CONTRACT DOCUMENTS AND PRODUCT MANUFACTURER INSTALLATION REQUIREMENTS. PRODUCT MANUFACTURER INSTALLATION REQUIREMENTS SHALL GOVERN. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN PRODUCT MANUFACTURER INSTALLATION REQUIREMENTS AND THE CONTRACT DOCUMENTS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING SHOP DRAWINGS, PRODUCT DATA, OR SAMPLES FOR CASEWORK, FINISHES, DOORS, FRAMES, HARDWARE, MECHANICAL. ELECTRICAL. AND PLUMBING FIXTURES, AND OTHER ITEMS REQUIRING ARCHITECT'S REVIEW FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS. AND FOR ALL ITEMS WHICH ALLOWED CONTRACTOR OPTIONS. PRIOR TO FORWARDING TO THE ARCHITECT FOR REVIEW. THESE SUBMITTALS MUST BE REVIEWED BY THE CONTRACTOR FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATIONS OF CONSTRUCTION AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL AFFIX A STAMP TO SUBMITTAL INDICATING HIS REVIEW. SUBMITTALS FORWARDED WITHOUT A STAMP WILL BE RETURNED. ALL SUBMITTALS MUST BE REVIEWED
- CONTRACTOR SHALL GUARANTEE ALL WORK AGAINST FAULT OF ANY MATERIAL OR WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER COMPLETION OR ACCEPTANCE. FAULTY WORK SHALL BE REPLACED OR REPAIRED AS REQUIRED AT NO COST TO THE OWNER.
- CONTRACTOR SHALL COORDINATE WITH OWNER ALL ITEMS TO BE SALVAGED PRIOR TO SUBMISSION OF BIDS AND START OF CONSTRUCTION. OWNER SHALL HAVE SALVAGE RIGHTS TO RETAIN ALL REMOVED ITEMS.
- ALL CHANGES PROPOSED DURING CONSTRUCTION WHICH RESULT IN A CHANGE TO THE CONTRACT TIME AND/OR SUM SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING AND APPROVED BY THE ARCHITECT AND OWNER BEFORE SUCH WORK SHALL COMMENCE.
- CONTRACTOR SHALL COORDINATE CLEAR OPENINGS FOR ALL APPLIANCES PRIOR TO CONSTRUCTION OF CASEWORK.
- CONTRACTOR SHALL FURNISH AND INSTALL CONCEALED FIRE-RETARDANT TREATED WOOD BLOCKING BEHIND ALL CABINETS, TOILET ACCESSORIES, PLUMBING FIXTURES, AND OTHER WALL MOUNTED ITEMS AS REQUIRED FOR ADEQUATE SUPPORT.
- CONTRACTOR SHALL COORDINATE ALL LOCK AND LATCH SETS AND FINAL KEYING WITH OWNER. DOUBLE KEYED LOCKS ARE NOT PERMITTED ON ANY REQUIRED OR MARKED EXIT. MATCH EXISTING KEYING SYSTEM IF ONE IS EXISTING.
- 15. ALL DOOR HARDWARE ON EXIT DOORS SHALL BE READILY OPERABLE FROM THE EGRESS
- SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- CONTRACTOR SHALL PREPARE ALL NEW AND EXISTING SURFACES SCHEDULED TO RECEIVE NEW FINISHES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE SUBSTRATE & FINISH BEING APPLIED.
- 17. CONTRACTOR SHALL COORDINATE FINAL QUANTITY AND LOCATIONS OF FIRE EXTINGUISHERS WITH THE FIRE DEPARTMENT AND/OR BUILDING DEPARTMENT. SEE SYMBOLS LEGEND FOR TYPE OF EXTINGUISHER.
- 18. ALL CONSTRUCTION MATERIALS EXPOSED WITHIN PLENUMS SHALL BE NON-COMBUSTIBLE OR SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND MAXIMUM SMOKE DEVELOPED RATING OF 50.
- 19. ALL PIPING, LOW VOLTAGE WIRE AND CABLE, OPTICAL FIBER, PNEUMATIC TUBING, AND ALL DUCT AND DUCT COVERINGS, LININGS AND CONNECTORS INSTALLED WITHIN PLENUMS MUST BE RATED FOR PLENUM USE.
- 20. TENANT SHALL BE RESPONSIBLE FOR COORDINATION AND INSTALLATION OF VOICE AND DATA CABLING AND EQUIPMENT.
- 21. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE AUTOMATIC SPRINKLER SYSTEM. THE DESIGN SHALL BE PER NFPA REQUIREMENTS.
- 22. ALL NEW GLASS AND GLAZING LOCATED IN HAZARDOUS LOCATIONS AS DEFINED IN IBC SECTION 2406.3 SHALL MEET THE REQUIREMENTS FOR SAFETY GLAZING AS DEFINED IN IBC
- 23. IF THE CONTRACTOR FAILS TO SUBMIT A MATERIAL FOR APPROVAL, THE MATERIAL MAY BE REQUIRED TO BE REMOVED BY THE CONTRACTOR EITHER BY DIRECTION OF THE OWNER
- 24. ALL HIGH-PILED STORAGE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE APPLICABLE EDITION OF THE INTERNATIONAL FIRE CODE.
- 25. THE CONTRACTOR IS TO PROVIDE AS BUILT DRAWINGS IN HARD COPY & AN ELECTRONIC AUTOCAD FILE TO THE OWNER AT THE CONCLUSION OF THE PROJECT.
- 26. INSTALL ELASTOMERIC JOINT SEALER AROUND ALL PIPES, DUCTWORK, & STRUCTURE PASSING THRU INTERIOR NON-RATED CONCRETE AND MASONRY WALLS, GYPSUM BOARD PARTITIONS, AND CONCRETE FLOOR/ROOF SLABS. FOR FIRE RATED INTERIOR CONCRETE AND MASONRY WALLS, GYPSUM BOARD PARTITIONS, AND CONCRETE FLOOR/ROOF SLABS SEAL ALL PIPES, DUCTWORK, AND STRUCTURE. INSTALL FIRESTOP MATERIALS IN ALL GAPS PRIOR TO SEALANT APPLICATION. INSTALL SEALER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
- 27. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING CONSTRUCTION INDICATED TO REMAIN AND SHALL REPAIR AND/OR REPLACE ALL AREAS AND /OR MATERIAL DAMAGED DURING CONSTRUCTION AT A MINIMUM TO THE CONDITION WHICH EXISTED PRIOR TO CONSTRUCTION.
- 28. CONTRACTOR SHALL BE RESPONSIBLE FOR PRICING RADIO COVERAGE AMPLIFIER FOR EMERGENCY RESPONDERS AS AN ALTERNATE. PRIOR TO CONSTRUCTION COMPLETION, AMPLIFIER SHALL BE PROVIDED ONLY IF REQUIRED BY AHJ.

PROFESSIONAL SERVICES DISCLAIMER

THIS DISCLAMER SERVES NOTICE OF ACCEPTANCE OF RESPONSIBILITY AND DISCLAIMER OF RESPONSIBILITY AS TO THE CONTRACT DOCUMENTS PREPARED FOR 19050.01a, PARAGON STAR BLDG 2 / LOT 9 BY FINKLE + WILLIAMS, INC ADDRESS: THE UNDERSIGNED ARCHITECT. AND FINKLE + WILLIAMS. INC., ARE RESPONSIBLE FOR PREPARATION OF ONLY THE NOTED CONSTRUCTION DRAWINGS BELOW: PROPOSED USE: B, A-2, & M 01/20/23 A0.01 LEGENDS & GEN. NOTES 01/20/23 06/02/22 WALL TYPES ARCHITECTURAL SITE PLAN 09/27/22 09/27/22 CODE SITE PLAN

CODE PLANS 09/27/22 TRASH ENCLOSURE DETAILS 09/27/22 GAS METER ENCLOSURE DETAILS 09/27/22 A0.11 01/20/23 SLAB EDGE PLAN - 1ST FLOOR WEST SLAB EDGE PLAN - 1ST FLOOR EAST 09/27/22 01/20/23 SLAB EDGE PLAN - 2ND FLOOR WEST SLAB EDGE PLAN - 2ND FLOOR EAST 06/02/22 01/20/23 **OVERALL FLOOR PLANS** FIRST FLOOR PLAN -WEST 01/20/23 FIRST FLOOR PLAN - EAST 06/02/22 SECOND FLOOR PLAN - WEST 01/20/23 SECOND FLOOR PLAN - EAST 06/02/22 ENLARGED TOILET PLANS AND DETAILS 01/20/23 INTERIOR ELEVATIONS 01/20/23 INTERIOR ELEVATIONS 01/20/23 **OVERALL ROOF PLAN** 01/20/23 **ROOF PLAN - WEST** 01/20/23 **ROOF PLAN - EAST** 06/02/22 **ROOF DETAILS** 09/27/22 01/20/23 **EXTERIOR ELEVATIONS ENLARGED ELEVATIONS - NORTH** 01/20/23 01/20/23 **ENLARGED ELEVATIONS - SOUTH** 01/20/23 **ENLARGED ELEVATIONS BUILDING SECTIONS** 09/27/22 09/27/22 WALL SECTIONS 01/20/23 WALL SECTIONS 09/27/22 WALL SECTIONS 09/27/22 WALL SECTIONS WALL SECTIONS 09/27/22 09/27/22 WALL SECTIONS WALL SECTIONS 09/27/22 WALL SECTIONS 09/27/22 09/27/22 WALL SECTIONS VERTICAL CIRCULATION 01/20/23 01/20/23 VERTICAL CIRCULATION VERTICAL CIRCULATION 01/20/23 01/20/23 VERTICAL CIRCULATION VERTICAL CIRCULATION 09/27/22 09/27/22 VERTICAL CIRCULATION VERTICAL CIRCULATION DETAILS 01/20/23 09/27/22 DETAILS **DETAILS** 09/27/22 DOOR SCHEDULE AND DETAILS 01/20/23 **DOOR & WINDOW DETAILS** 09/27/22 DOOR & WINDOW DETAILS 09/27/22 09/27/22 FINISH SCHEDULE AND DETAILS 01/20/23 REFLECTED CEILING PLAN 01/20/23 CEILING DETAILS 09/27/22 PROJECT SPECIFICATIONS 09/27/22

THE UNDERSIGNED ARCHITECT AND FINKLE + WILLIAMS DISCLAIM RESPONSIBILITY FOR ALL OTHER CONSTRUCTION DOCUMENTS. AND ANY OTHER SPECIFICATIONS. REPORTS. ESTIMATES, SHOP DRAWINGS, ETC. RELATING TO OR INTENDED TO BE USED FOR ANY PART OF THE ARCHITECTURAL OR ENGINEERING PROJECT, INCLUDING ANY GEOTECHNICAL ENGINEERING SERVICES, OR ENVIRONMENTAL REPORTS.

09/27/22

09/27/22

PROJECT SPECIFICATIONS

PROJECT SPECIFICATIONS

THIS NOTICE IS EXECUTED BY THE UNDERSIGNED AND AUTHENTICATED BY THE ARCHITECTURAL SEAL OF THE PERSON PREPARING THS NOTICE.

ARCHITECT: DAVID A. WILLIAMS

A11.11

BUILDING SUMMARY

GENERAL BUILDING INFORMATION PROJECT NAME: PARAGON STAR BLDG 2 / LOT 9 3201 NW PARAGON PKWY LEE'S SUMMIT, MO

ADDITION DI E CODES

APPLICABLE CODES	
INTERNATIONAL BUILDING CODE (IBC)	2018 EDITION
INTERNATIONAL MECHANICAL CODE (IMC)	2018 EDITION
INTERNATIONAL PLUMBING CODE (IPC)	2018 EDITION
NATIONAL ELECTRIC CODE (NEC)	2017 EDITION
INTERNATIONAL FIRE CODE (IFC)	2018 EDITION
INTERNATIONAL FUEL GAS CODE (IFGC	2018 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	2018 EDITION
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) LIFE SAFETY CODE 101	2000 EDITION
DEPT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN	2010 EDITION

GENERAL BUILDING LIMITATIONS (CHAPTER 3, 5)

OCCUPANCY CLASSIFICATION		CONSTRUCTION	BASIC ALLOWABLE	
USE	GROUP	TYPE	FLOOR AREA (At)	HEIGHT
BUSINESS	Group (B)	Type 2B	69,000 SF	4 STORIES, 55 FT.
RESTAURANT	Group (A-2)	Type 2B	28,500 SF	3 STORIES, 75 FT.
MERCANTILE	Group (M)	Type 2B	37,500 SF	3 STORIES, 75 FT.

HEIGHT MODIFICATIONS (Sec. 504)

SPRINKLER INCREASE: Sprinkler increase = 20' and (1) Story TOTAL ALLOWABLE HEIGHT: _ TOTAL PROPOSED HEIGHT: 45', (2) Stories

AREA MODIFICATIONS (Sec. 506)

YARD INCREASE: (If) $I_f = 100 (F/P - 0.25) \times W/30 = *\%$ $I_f = 100 (1148'/1148' - 0.25) \times 30/30 = 75\%$ SPRINKLER INCREASE: (Is) Automatic Sprinkler System Throughout per Sec. 903.3.1.1 Y - Single-Story sprinklered (I_S = 300%)

MAX. ALLOWABLE BUILDING AREA (PER FLOOR):49,875 S.F. (UNSEPARATED MIXED USE) GROUND FLOOR AREA: 31,760 S.F SECOND FLOOR AREA: 37,290 S.F TOTAL BUILDING AREA: 69,050 S.F

OCCUPANCY SEPERATION - TABLE 508.3.3 REQUIRED SEPARATION:_____ MIXED-USE NON-SEPARATED BUILDING

APPLY MOST RESTRICTIVE TYPE OF CONSTRUCTION TO DETERMINE ENTIRE ALLOWABLE BUILDING MODIFICATIONS

FIRE PROTECTION

FIRE SPINKLER SYSTEM: PROVIDED THROUGHOUT PER IBC 903 AND NSTALLED PER NFPA 13 FIRE ALARM & DETECTION SYSTEM:

GENERAL EXITING LIMITATIONS (CHAPTER 10)

OCCUPANT LOAD (1004):

MAXIMUM TRAVEL DISTANCE (1016):

FIRST FLOOR: 6,792/S.F. / 60 S.F. PER OCCUPANT = 114 OCCUPANTS MERCANTILE: 20,724 S.F. TOTAL

15,543 S.F. / 15 S.F. PER OCCUPANT = 1,037 OCCUPANTS

5,181 S.F. / 200 S.F. PER OCCUPANT = 26 OCCUPANTS **RESTAURANT:** 75% SEATING: 25% KITCHEN:

SECOND FLOOR:
 BUSINESS:
 33,145 S.F. / 150 S.F. PER OCCUPANT =
 221 OCCUPANTS

 STORAGE:
 300 S.F. / 300 S.F. PER OCCUPANT =
 1 OCCUPANT

TOTAL BUILDING OCCUPANCY:____ 1,399 OCCUPANTS

<u>S-1 = 250 FT (FULLY SPRINKLERED</u> MINIMUM PLUMBING FIXTURE COUNT (CHAPTER 29)

		WATER CLOSETS		LAVATORIES		DRINKING	OTHER
OCC.	OCCUPANT LOAD	MALE	FEMALE	MALE*	FEMALE	FOUNTAINS~	
		REQ'D/PROV.	REQ'D/PROV.	REQ'D/PROV.	REQ'D/PROV.	REQ'D/PROV.	1 Serv.
(B)	33,107 SF / 150 = 218	4 / 4*	4/4	3/3	3/3	3 / 3~	Sink

B = 300 FT (FULLY SPRINKLERED)

1 = 250 FT (FULLY SPRINKLERE

* Urinals shall be permitted to be substituted for not more than 50 percent of the required water closets as permitted by section 419.2 of the IPC.

~ Water coolers or bottled water dispensers shall be permitted to be substituted for not more than 50 percent of the required drinking fountains as permitted by section 410.1 of the IPC.

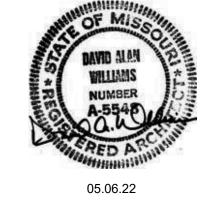
FLOOR PLAN WAS TWEAKED TO REFLECT ALTERNATE ELEV. LAYOUT, WHICH DID NOT

PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Project No.: 19050.01a 11.29.22 Issued For: CONSTRUCTION **REVISIONS** 4 01.20.23 ASI-01

REGISTRATION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE CIVIL LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS**

MECHANICAL

ELECTRICAL

FIRE PROTECTION HENDERSON CONTRACTOR FOGEL-ANDERSON

HENDERSON

ENGINEERS

HENDERSON

ENGINEERS

FINKLE + WILLIAMS ARCHITECTURE

8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

LEGENDS & GEN. NOTES

SHEET NUMBER

CONTROL JOINTS TO BE LOCATED AT 30'-0" MAXIMUM GYP. BD. DISTANCE, OR AS INDICATED ON PLANS (MATCH CMU CONTROL JOINT LOCATIONS WHERE APPLICABLE)

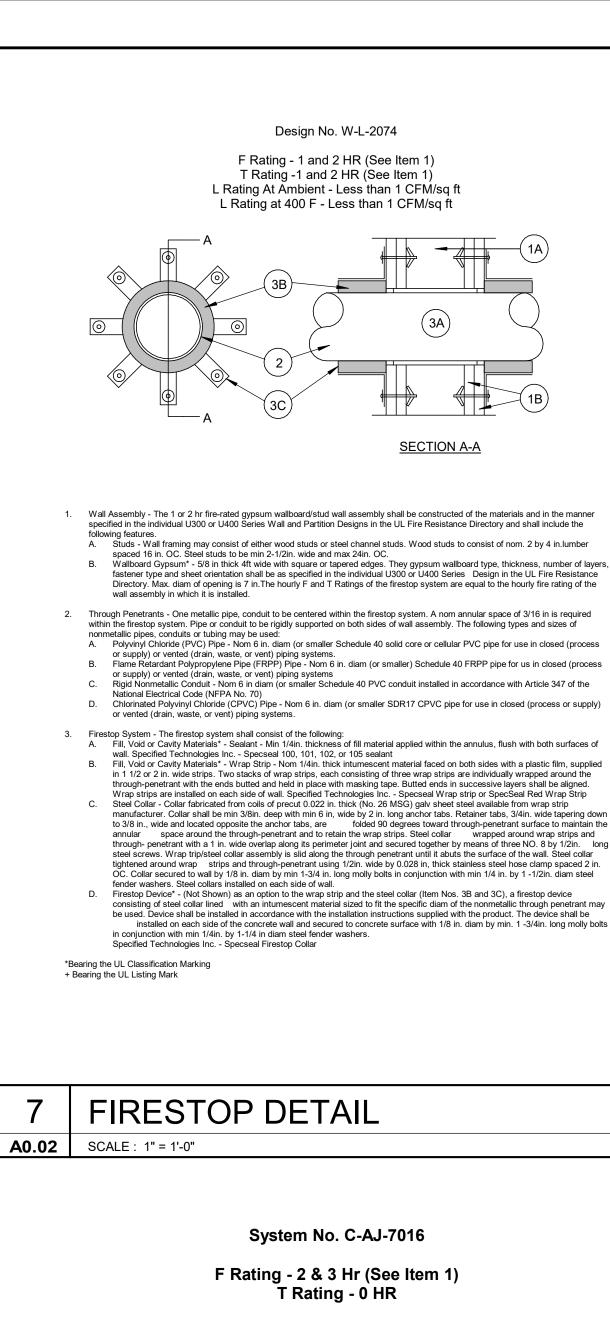
NON-RATED CONDITION

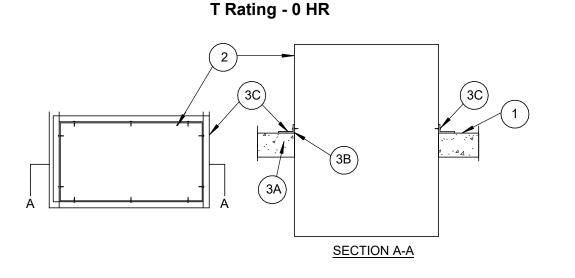
CONTROL JOINT

A0.01 SCALE: 3" = 1'-0"

GYP. BD. CONTROL JOINT W/ REMOVABLE TAPE & PERFORATED FLANGES

5/8" TYPE 'X' GYP. BD. EACH SIDE ON MTL. STUDS PER WALL TYPE





- 1. Floor or Wall Assembly Min 2-12 in. thick or min 4- 1/2 in. thick lightweight or normal weight (100-150 pcf_ concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. The F Rating is 2 hr and 3 hr for min 2 -1/2 in. or min 4- 1/2 in. thick assemblies. Ma area of opening is 576 sq in. with max dimension of 36 in. for 2 hr assemblies and 544 sq in. with max dimension of 34 in. for 3 hr assemblies. See concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers. Through Penetrants - One steel duct to be installed either concentrically or eccentrically within the firestop system. An annular space of min 0 ln. (point contact) to max 4 in. is required within the firestop system for 2 hr assemblies and min 0 in. (point contact) to max 2 in. is required within the firestop system for 3 hr assemblies. Steel duct to be rigidly supported on both sides of the floor or wall assembly. The
- Steel Pipe Nom 32in. by 14 (or smaller) No. 22 gauge (or heavier) galv. steel duct. Steel Pipe - Nom 30in. by 12 (or smaller) No. 24 gauge (or heavier) galv. steel duct. Firestop System - The firestop system shall consist of the following:
- A. Packing Material Nom 1 in. thickness of tightly packed mineral wool batt insulation firmly packed into opening as a permanen orm. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the
- equired thickness of caulk fill material. B. Fill, Void, or Cavity Material* - Caulk - Min. 1 in. thickness of fill material applied within annulus flush with top surface of floor or both surfaces of wall assembly. At the point contact location between duct and concrete, a min 1/4 in. diam bead of sealant shall be applied to the concrete/duct interface on the top surface of floor and on both surfaces of wall assembly
- Retaining Angles Min 16 gauge galv steel angles sized to lap duct a min of 2 in. and lap top surface of floor or both surfaces of wall a min of 1 in. Angles attached to duct with min 1/2 in. long, No. 10 (or larger) sheet metal screws spaced a max of 1 in. from each *Bearing the UL Classification Marking

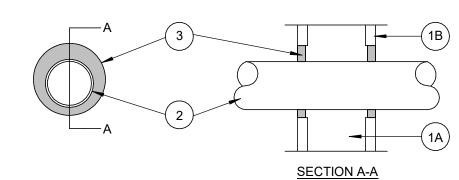
FIRESTOP DETAIL

A0.02 | SCALE: 1" = 1'-0"

Minnesota Mining and Mfg. Co. - CP 25WWB+

Design No. W-L-1062

F Rating - 1 HR T Rating - 0 HR L Rating At Ambient - Less than 1 CFM/sq ft L Rating at 400 F - Less than 1 CFM/sq ft



Wall Assembly - The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and partition Designs in the UL Fire Resistance Directory and shall include the following Studs - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom. 2 by 4 in.lumber spaced 16 in. OC. Steel studs to be min 3-5/8in. wide and spaced max 24in. OC. B. Wallboard Gypsum* - One layer of nom 5/8in. thick gypsum wall board as specified in the individual Wall and Partition Design. Max

- diam. of opening is 4- 3/4 in. Through Penetrants - One metallic pipe, conduit or tubing to be installed within the firestop system. The space between pipe, conduit, or tubing and periphery of opening shall be a min. 1/4 in. to a max 3/8 in. Pipe conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used: Steel Pipe - Nom 4in. diam (or smaller) schedule 5 (or heavier steel pipe Iron Pipe - Nom 4 in. diam (or smaller) cast or ductile iron pipe. Conduit - Nom 4 in. diam (or smaller) electrical metallic tubing or steel conduit Copper Tubing - Nom 4 in. diam (or smaller) Type L (or heavier) copper tubing
- 3. Fill, Void or Cavity Materials* Caulk Min 1/2in. thickness of fill material applied within the annulus, flush with both surfaces of wall. General Electric Co. - Pensil 100 caulk. Specified Technologies Inc. - Pensil 100 Sealant and Pensil 300 sealant. *Bearing the UL Classification Marking

Copper Pipe - Nom 4 in. diam (or smaller) regular (or heavier) copper pipe

PUBLISHED BY PROGRESSIVE ENGINEERING. 1 & 2 HR Horizontal Cavity Shaft Wall (Corridor Ceiling/Stair Application)

ASSEMBLY EVALUATION REPORT, AER-09038

Assembly Assembly

1. A minimum 2-1/2" deep 24 gauge J-runner attached horizontally to perimeter or boundary walls with a Gypsum Wall For a one (1) hour assembly: Attach one (1) layer of 5/8" thick SHEETROCK® Brand FIRECODE® CCore Gypsum (Type C), to the underside of the "Corridor Ceiling" of the C-H stud and the perimeter J-runners. Use 1" long Type S screws that are spaced 12" o.c. in the field and at the

b. For a two (2) hour assembly: Attached two (2) layers of minimum 1/2" thick SHEETROCK® Brand FIRECODE® C Core Gypsum Panels (Type C), to the underside of the "Corridor Ceiling" of the C-H stud and the perimeter J-For the BASE layer, use a 1" long Type S screw that is spaced 24" o.c. along the perimeter and the edges. The FACE layer should be applied with a 1-5/8" long Type S screw that is spaced 12" o.c. in the field and perimeter. All joints must be staggered a minimum of 24" o.c. from the adjacent layer. Install the C-H studs perpendicular to the J-runner spaced 24" o.c. with the C-section of the C-H stud facing downward towards the corridor side of the assembly with two (2) screws a minimum 1/2" long Type S-12 screws, one on each side.1" thick SHEETROCK® Brand Gypsum Liner Panel Friction fitted in "H"

1-in thick SHEETROCK® Brand Gypsum Liner Panel - Friction-fitted in "H" portion of C-H studs. Ripper Board: Where the liner panel (item 4) is cut short to be installed, gaps must be filled by using a strip of 1-in thick SHEETROCK Brand Gypsum Liner Panel. b. As an alternative you can use mineral fiber insulation to prevent exposure to the top leg of the Jrunner that forms the ceiling. Where the wall section extends above the corridor ceiling, above corridor height a rip of board must be used to cap the opening between studs and a strip of mineral fiber insulation as described in item 6 must be used. In order to prevent the passage of heat and gases, a 12-in long strip of mineral fiber insulation must be used to fill in the stud cavity of the walls

BOTTOM OF SHAFT DETAIL

A0.02 | SCALE: 1" = 1'-0"

INFILL MTL. DECK FLUTES W / THERMAFIBER SAFING INSULATION (RECESSED MIN. 1" FROM CEILING TRACK 1" MIN. FIRECODE COMPOUND APPLIED FLUSH W/ VERTICAL LANGE OF CEILING TRACK EA. SIDE ____ FLOOR OR ROOF DECK MIN. 2 1/2" x 2 1/2" 25 GA. GALV. STL. ANGLE W/ 5/8" TYPE 'X' GYP, BD, SECURED TO ANGLE W/ MIN. 2" LONG SELF-DRILLING, SELF-TAPPING TYPE S BUGLE-HEAD STEEL SCREWS @ 8" O.0 MAX ALONG LONGITUDINAL CENTERLINE OF STEEL ANGLE ANCHOR LONG LEGGED RUNNER TRACK TO UNDERSIDE OF DECK W/ METAL FASTENERS - RUNNER TRACK NESTED IN LONG LEG TRACK (MAINTAIN 1" CLEAR BETWEEN UPPER AND LOWER TRACK) 1 HR. FIRE-RATED NONBEARING WALL CONSTRUCTION PER WALL TYPE. NOTE NO SCREWS TO BE INSTALLED WITHIN 3" OF STEEL DECK VALLEYS AT TOP OF WALL 1 HOUR FIRE RATED SLIP CONNECTION REFERENCE U.L. SYSTEM NO. HW-D-000

WALL TERMINATION DETAIL **A0.02** | SCALE: 3" = 1'-0"

Nonbearing Wall Rating - 1 HR. System A - 1 Hr. 24 in. or 600 mgs 0.C. Horizontal Section

Design No. U415

Floor, Side and Ceiling Runners — "J" - shaped runner, min 2-1/2 in. deep (min 4 in. deep when System C is used), with unequal legs of in. and 2 in., fabricated from min 24 MSG (min 20 MSG when Item 4A, 4B or 7 are used) galv steel. Runners positioned with short le toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC. "E" - shaped studs (Item 2A) may be used as side runners in place of "J" - shaped runners. Steel Studs — "C-H" - shaped studs, min 2-1/2 in, deep (min 4 in, deep when System C is used), fabricated from min 25 MSG (min 20) MSG when Items 2D, 4A, 4B or 7 is used) galv steel. Cut to lengths 3/8 to 1/2 in. less than floor-to-ceiling height and spaced 24 in. or 600

Steel Studs — (Not Shown) — "E" - shaped studs installed back to back in place of "C-H" - shaped studs (Item 2) "E" - shaped studs secured together with steel screws spaced a maximum 12 in. OC. Fabricated from min 25 MSG (min 20 MSG when Item 2D, 4A, 4B or 7 is used) galv steel, min 2-1/2 in. deep (min 4 in. deep when System C is used), with one leg 1 in. long and two legs 3/4 in. long. Shorter legs 1 in. apart to engage gypsum liner panels. Cut to lengths 3/8 to 1/2 in. less than floor to ceilling heights.

Furring Channels — (Optional, not shown) — For use with single or double layer systems. Resilient furring channels fabricated from min 25MSG corrosion protected steel, installed horizontally, and spaced vertically a max 24 in. OC. Flange portion of channel attached to each intersecting "C-H" or "E" stud on side of stud opposite the 1 in. liner panels with 1/2 in. long Type S or S-12 pan-head steel screws. When furring channels are used, wallboard to be installed vertically only. Not to be used with Type FRX-G gypsum wallboard, Type RB-LBG (Item 4A), Type Nelco (Item 4B) or cementitious backer units (Item 7). Furring Channels — For use with System I - "Hat" - shaped, 25 MSG galv steel furring channels attached directly over the inner layers of wallboard to each stud with 2 in. long Type S pan head steel screws. Screws alternate bottom flange at each stud intersection. Furring channels spaced vertically max 24 in. OC. Steel Framing Members* — (Optional, not shown) — For use with single or double layer systems. Furring channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum wallboard, Type RB-LBG (Item 4A), Type Nelco (Item 4B) or cementitious backer units (Item 7):

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC

perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board installed vertically only and attached to furring channels as described in Item 3. Steel Framing Members* — Used to attach furring channels (Item 2Da) to studs (Item 2 or 2A). Clips spaced max. 24 in. OC., and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels. PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

Steel Framing Members — (Optional, Not Shown)* - Furring channels and resilient sound isolation clip as described below: Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self

Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 3. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips- Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge. Steel Framing Members* — Resilient sound isolation clip used to attach furring channels(Item 2Ea) to studs. Clips spaced 24 in. OC., and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R Steel Framing Members* — (Optional, not shown) — For use with single or double layer systems. Furring channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum wallboard, Type RB-LBG (Item 4A), Type Nelco (Item 4B) or cementitious backer units (Item 7): Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep,spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board installed vertically only and

furring channels as described in Item 3.

Steel Framing Members* — Used to attach furring channels (Item 2Da) to studs (Item 2 or 2A). Clips spaced max. 24 in.OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. PLITEQ INC — Type GENIECLIP Gypsum Board* — Gypsum liner panels, nom 1 in. thick, 24 in. or 600 mm (for metric spacing) wide. Panels cut 1 in. less in length than floor to ceiling height. Vertical edges inserted in "H" portion of "C-H" studs or the gap between the two 3/4 in. legs of the "E" studs. Free

edge of end panels attached to long leg of vertical "J" - runners with 1-5/8 in. long Type S steel screws spaced not greater than 12 in. OC. When wall height exceeds liner panel length, liner panel may be butted to extend to the full height of the wall. Horizontal joints need not be backed by steel framing. In System I, butt joints in liner panels are staggered min 36 in. Butt joints backed with 6 in. by 22 in. strips of 3/4 in. thick gypsum wallboard (Item 4). Wallboard strips centered over butt joints and secured to liner panels with six 1-1/2 in. long Type G steel screws, three screws along the 22 in. dimension at the top and bottom of the strips. CGC INC — Type SLX UNITED STATES GYPSUM CO — Type SLX USG BORAL ZAWAWI DRYWALL L L C SFZ — Type SLX USG MEXICO S A DE C V — Type SLX

Sypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in. when installed vertically or 8 in OC when installed horizontally. Horizontal joints need not be backed by steel framing. CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX JNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, WRC, WRX, USGX. When ULIX is used insulation, Item 6, Batts and Blankets* is required and minimum stud depth is 4 in. USG BORAL ZAWAWI DRYWALL L L C SFZ — Types C, SCX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX Gypsum Board* — (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A, 2B and 2D. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 9) or Lead Discs or Tabs (see Item

RAY-BAR ENGINEERING CORP — Type RB-LBG Gypsum Board* — (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) - Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or #6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Type Nelco Gypsum Board* — (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) - Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A 2B and 2D. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A). Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip. MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

D. Gypsum Board* — (As an alternate to Item 4 Systems A. B. C. D. E. G. H. and I when used as the base layer. For direct attachment only). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

Joint Tape and Compound -- (Not Shown) -- Joints on outer layers of gypsum boards (Item 4 and 4A) covered with paper tape and joint compound. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. Exposed screw heads

Batts and Blankets* -- (Optional) -- Mineral wool or glass fiber batts partially or completely filling stud cavity. Any mineral wool or glass fiber batt mineral bearing the UL Classification Marking as to Fire Resistance.

Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies. Cementitious Backer Units* -- (System D) -- Not Used

Lead Batten Strips — (Not Shown, For Use With Item 4A) - Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4A) and optional at remaining stud locations. Required behind vertical joints.

A. Lead Batten Strips — (Not Shown, for use with Item 4C) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in long min. Type S-8 pan head steel screws at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D".. Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

10. Lead Discs or Tabs — (Not Shown, For Use With Item 4A) - Used in lieu of or in addition to the lead batten strips (Item 9) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 4A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". A. Lead Discs — (Not Shown, for use with Item 4C) Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or

Lead Batten Strips — (Not Shown, For Use With Item 4B) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in.

the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead

Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of

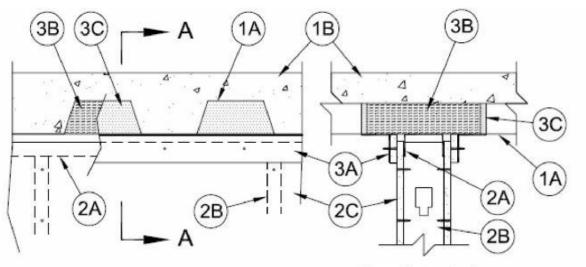
batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical

joints of lead backed gypsum wallboard (Item 4B) and optional at remaining stud locations. 12. Lead Tabs — (Not Shown, For Use With Item 4B) 2 in, wide, 5 in, long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the psum boards, Item 4B) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada),

System No. HW-D-0001

Assembly Rating - 1 HR. Nominal Joint Width - 5/8 in. Class I Movement Capabilities - 80% Compression, 60% Extension



- Floor Assembly The fire-rated fluted steel deck/concrete floor assembly shall be constructed of the materials and in the manner described in the individual Floor-Ceiling Design in the UL Fire Resistance Directory and shall include the following construction features:
- Steel Floor and Form Units* Max 3 in. (76 mm) deep galy steel fluted floor units Concrete — Min 2 1/2 in. (64 mm) thick reinforced concrete, as measured from the top plane of the floor units. the manner described in the individual P700. P800 or P900 series Roof-Ceiling Designs in the UL Fire Resistance Directory and shall contain max 1-1/2 in. (38 mm) deep fluted galv steel deck. The hourly fire rating of the roof assembly shall be equal to or greater than the hourly fire rating of the wall assembly. In the case of spray-applied protection materials on the steel deck, the joint

sized to accommodate steel studs (Item 2B) and properly sized according to structural requirements. (See table under Item

3A for minimum flange lengths). Ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys

with steel masonry anchors or by welds spaced max 12 in. (305 mm) OC. Ceiling runner secured to concrete floor slab (Item

- b. Floor Assembly As an alternate to Item 1 Floor Assembly, min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) structural concrete. 2. Wall Assembly — The 1 hr fire-rated nonbearing gypsum board/steel stud wall assembly shall be constructed of the materials and in the
- manner described in the individual U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features: A. Steel Floor And Ceiling Runners — Floor and ceiling runners of wall assembly shall consist of min 25 ga galv steel channels for nom 5/8 in. (16 mm) joints. Ceiling runner to be min 20 ga steel channels for joints greater than 5/8 in. Ceiling runner to be
- 1B) with steel masonry anchors spaced max 24 in. (610 mm) OC. consist of C-shaped galv steel channel with notched return flanges sized to accommodate steel studs (Item 2B). Notched ceiling runner installed perpendicular to direction of fluted steel deck and secured with steel masonry anchors spaced max 12 in. (305 mm) OC. Notched ceiling runner secured to concrete floor slab (Item 1B) with steel masonry anchors spaced max 24 in. (610 mm) OC. Notched ceiling runner suitable for 5/8 in. (16 mm) or 1 in. (25 mm) wide joints only.
- OLMAR SUPPLY INC Type SCR A. Studs — Steel studs to be min 2 1/2 in. (64 mm) wide. Studs cut 5/8 to 1 in. (16 to 25 mm) less in length than assembly height for nom 5/8 in. (16 mm) joints, 1 to 1-1/4 in. (25 to 32 mm) for nom 1 in. (25 mm) joints, 2 to 2-1/4 in. (51 to 57 mm) for nom 2 in. (51 mm) joints and 3 to 3-1/4 in. (76 to 83 mm) for nom 3 in. (76 mm) joints. Studs to have bottom nesting in and resting on floor runner and with top nesting in ceiling runner without attachment. Stud spacing not to exceed 24 in. (610
- B. Gypsum Board* Gypsum board sheets installed to a min total thickness of 1/2 in. (13 mm) on each side of wall. Wall to be constructed as specified in the individual Wall and Partition Design in the UL Fire Resistance Directory except that a nom 5/8 in. (16 mm), 1 in. (25 mm), 2 in. (51 mm) or 3 in. (76 mm) gap shall be maintained between the top of the gypsum board and the bottom of the steel deck. The screws attaching gypsum board to studs (Item 2B) at the top of the wall shall be located 1 in. (25 mm), 1-1/4 in. (32 mm), 2-1/4 in. (57 mm) or 3-1/4 (83 mm) below the bottom of the ceiling runner (Item 2A) for nom 5/8 in. (16 mm), 1 in. (25 mm), 2 in. (51 mm) and 3 in. (76 mm) joints, respectively.

4. Joint System — The joint system is designed to accommodate a max 80 percent compression or extension from its installed width. The joint system consists of a forming material and fill material in the flutes of the steel deck and a "slip track" detail consisting of restraining angles in combination with gypsum board on the vertical flanges. When the floor assembly consists of a flat concrete slab (Item 1B), the orming material (Item 3B) and fill material (3C) are not used. The components of the system are as follows: Restraining Angles — Angles formed from min 25 ga galv. Piece of gypsum board cut from the same gypsum board used for the wall (Item 2C). See table below for min angle and gypsum board strip length. Gypsum board liner secured to steel angle with min 1 in. (25 mm) long self-drilling, self-tapping Type S bugle head steel screws spaced max 8 in. (203 mm) OC. along

longitudinal centerline of steel angle. Screws installed through face of gypsum board such that excess screw length protrudes

through leg of steel angle. Restraining angles installed along top of wall on each side of wall assembly with gypsum board liner

against wall surface and with horizontal leg of steel angle against valleys of steel deck or bottom of floor slab. Restraining

Nominal Joint Width, in. (mm)	Minimum Angle and Gypsum Board Strip Length, in. (mm)	Minimum Runner Leg Length, in. (mm)
5/8 (16)	2 (51)	2-1/2 (64)
1 (25)	3 (76)	3-1/2 (89)
2 (50)	4-1/2 (114)	5 (127)
3 (76)	6-1/2 (165)	7 (178)

Forming Material* — Min 4 pcf (64 kg/m3) density mineral wool batt insulation firmly packed into flutes of steel deck across top of wall as a permanent form. Forming material to be recessed from edges of restraining angles on each side of wall to accommodate the required thickness of fill material. THERMAFIBER INC — Type SAF

1. Forming Material* — (Optional, Not Shown) - Preformed mineral wool plugs, formed to the shape of the fluted floor units, friction fit to completely fill the flutes above the ceiling channel. The plugs shall project beyond each side of the ceiling runner and shall be recessed from both wall surfaces to accommodate the required thickness of fill material (Item 3C). Additional forming material, described in Item 3B, to be used in conjunction with the plugs to fill the gap between the top of gypsum board and bottom of steel deck. THERMAFIBER INC — TopStop mineral wool deck plugs Type SAF batts

INFILL MTL. DECK W/

SEAL ALL VOIDS W/ ACOUSTICAL

20 GA. LONG LEG RUNNER TRACK

STRUCTURE (MAINTAIN 1" CLEAR

SEALANT, AS INDICATED IN

ANCHORED TO BOTTOM OF

BET. UPPER & LOWER TRACK)

CEILING, REF FINISH SCHEDULE

SEAL W/ ACOUSTICAL SEALANT.

AS INDICATED IN COMMENTS

FOR TYPE & LOCATION, TYP.

6" BATT INSULATION,

WHERE SCHEDULED

- (1) LAYER 5/8" TYPE 'X'

GYP. BD.

20 GA. 6" MTL.

FLOOR SLAB

Mold & Water Fire Resist GWB Rating

No

14c No

STUDS @ 16" O.C.

INSULATION

COMMENTS

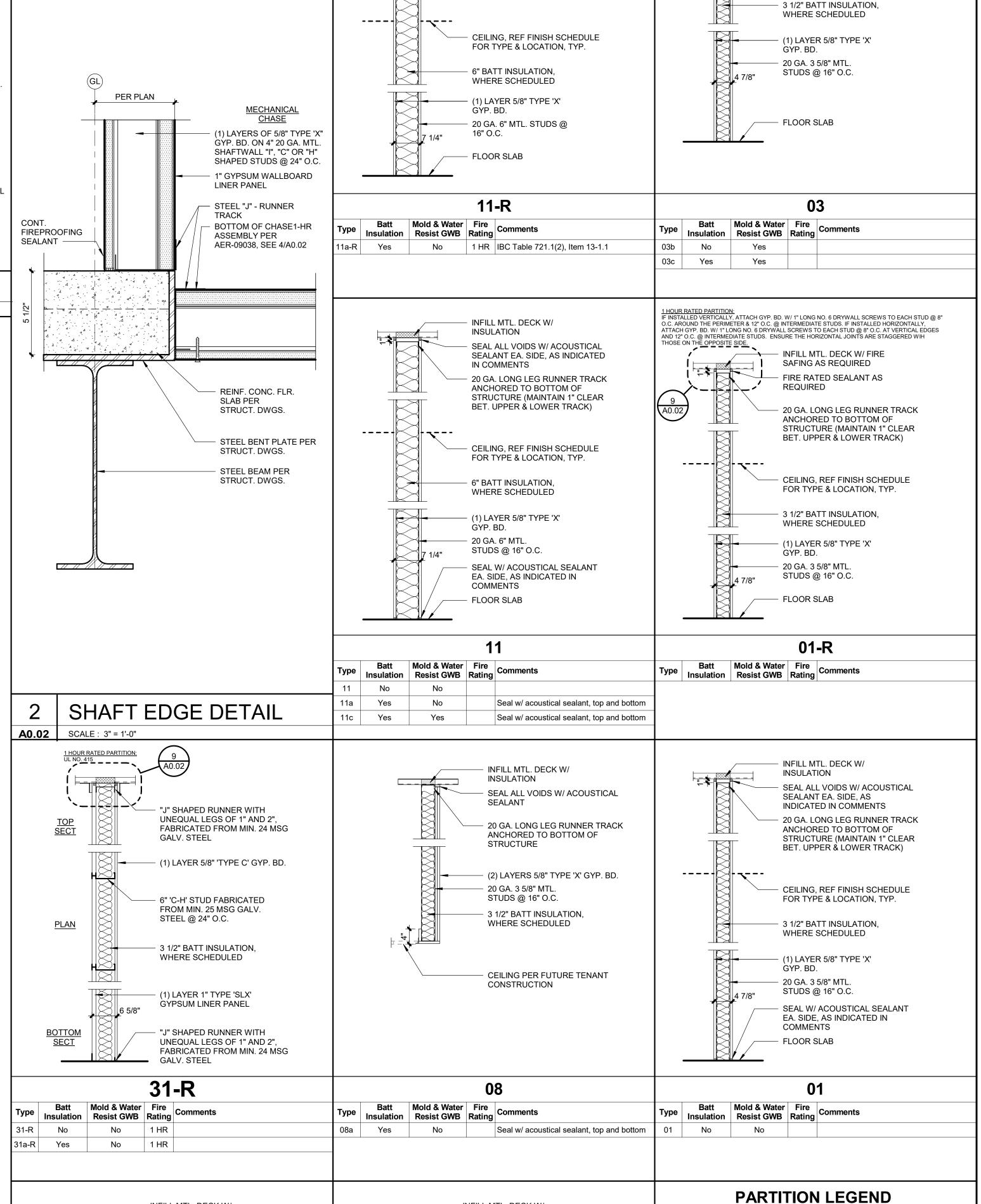
flush with the outside edge of the restraining angle on each side of the wall. Dry mix material mixed with water at a rate of 2.1 parts dry mix to 1 part water, by weight, in accordance with accompanying instructions.

1. Fill, Void or Cavity Material* — As an alternate to Item 3C, min 1/2 in. (13 mm) thickness of two component fill material applied within the recess of each steel deck flute, flush with the outside edge of the restraining angle on each side of the wall. Ready-mixed component mixed with accelerator component at a rate of 66 parts of ready-mixed component to 1 part of accelerator component by weight in accordance with the accompanying installation instructions. UNITED STATES GYPSUM CO — Type RFC

2. Fill. Void or Cavity Material* — As an alternate to Item 3C, min 1/8 in. (3 mm) wet thickness of fill material sprayed or brushed on each side of the wall to completely cover mineral wool forming material (Item 3B) and to overlap a min of 1/2 in. (13 mm) onto restraining angle and steel deck. UNITED STATES GYPSUM CO — Type SA

3 Fill Void or Cavity Material* — As an alternate to Item 3C. min 1/4 in. (6 mm) wet thickness of fill material sprayed on each side of the wall to completely cover the mineral wool forming material and to lap min 1/2 in. (13 mm) onto restraining angle and steel deck. UNITED STATES GYPSUM CO — Type AS

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada),



INFILL MTL. DECK W/

SEAL ALL VOIDS W/ ACOUSTICAL

20 GA, LONG LEG RUNNER TRACK

STRUCTURE (MAINTAIN 1" CLEAR

SEALANT, AS INDICATED IN

ANCHORED TO BOTTOM OF

BET. UPPER & LOWER TRACK)

CEILING, REF FINISH SCHEDULE

3 1/2" BATT INSULATION,

WHERE SCHEDULED

- (1) LAYER 5/8" TYPE 'X'

20 GA. 3 5/8" MTL.

STUDS @ 16" O.C.

FLOOR SLAB

No

Yes

No

No

No

Yes

FOR TYPE & LOCATION, TYP.

SEAL W/ ACOUSTICAL SEALANT,

Seal w/ acoustical sealant, top and bottom

Seal w/ acoustical sealant, top and bottom

AS INDICATED IN COMMENTS

INSULATION

COMMENTS

HOUR RATED PARTITION:

FINSTALLED VERTICALLY, ATTACH GYP. BD. W/ 1" LONG NO. 6 DRYWALL SCREWS TO EACH STUD @ 8"

REQUIRED

INFILL MTL. DECK W/ FIRE

FIRE RATED SEALANT AS

20 GA. LONG LEG RUNNER TRACK

STRUCTURE (MAINTAIN 1" CLEAR BET. UPPER & LOWER TRACK)

ANCHORED TO BOTTOM OF

CEILING, REF FINISH SCHEDULE

FOR TYPE & LOCATION, TYP.

SAFING AS REQUIRED

O.C. AROUND THE PERIMETER & 12" O.C. @ INTERMEDIATE STUDS. IF INSTALLED HORIZONTALLY, ATTACH GYP. BD. W/ 1" LONG NO. 6 DRYWALL SCREWS TO EACH STUD @ 8" O.C. AT VERTICAL EDGES

AND 12" O.C. @ INTERMEDIATE STUDS. ENSURE THE HORIZONTAL JOINTS ARE STAGGERED WIH THOSE ON THE OPPOSITE SIDE.

*____*__

A0.02



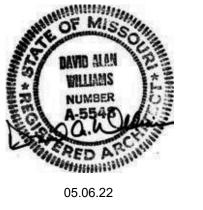
PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

Project No.: 19050.01a 09.27.22 Issued For: CONSTRUCTION REVISIONS

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE CIVIL GBA LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** HENDERSON MECHANICAL **ENGINEERS**

ELECTRICAL

PARTITION SERIES

RATED PARTITION

MODIFIER

a SOUND BATT INSULATION FULL DEPTH OF STUD

INSULATION AND MOLD & WATER RESISTANT

d-z VARIES, SEE PARTITION SCHEDULE COMMENTS

R FIRE RATED, SEE SCHEDULE FOR ADDITIONAL INFO.

b MOLD & WATER RESISTANT GYP. BD.

• ##x R >

PARTITION SERIES

MODIFIER

RATING

01 - 39 METAL STUD WALLS

40 - 79 MASONRY WALLS

80 - 99 WOOD STUD WALLS

HENDERSON

ENGINEERS

ENGINEERS

FIRE PROTECTION HENDERSON

CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS ARCHITECTURE 8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219

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SHEET TITLE

WALL TYPES

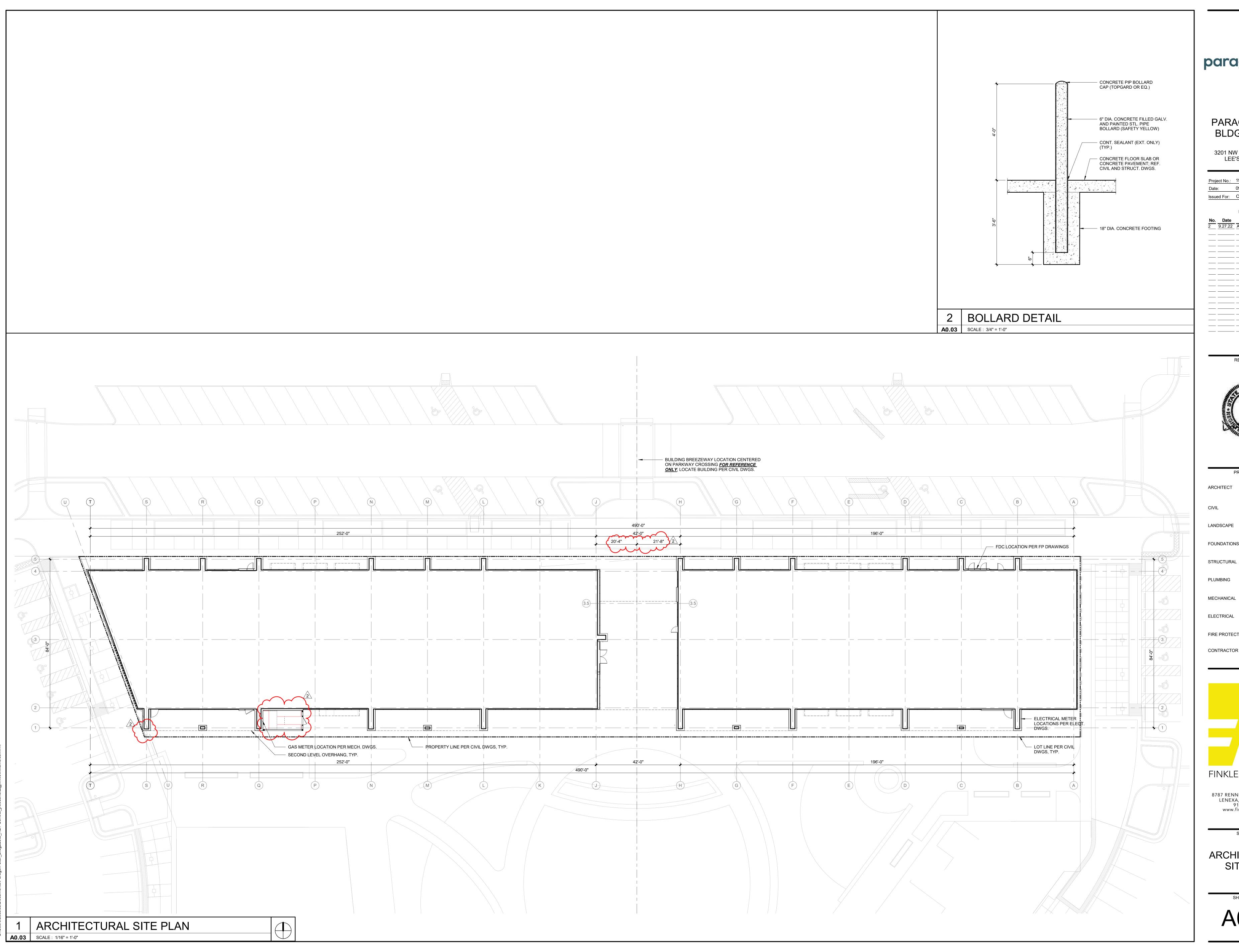
SHEET NUMBER

FIRESTOP DETAIL SCALE: 1" = 1'-0"

UL ASSEMBLY DETAIL SCALE: 1" = 1'-0"

A0.02

TERMINATION DETAIL SCALE: 1" = 1'-0"





3201 NW PARAGON PKWY LEE'S SUMMIT, MO

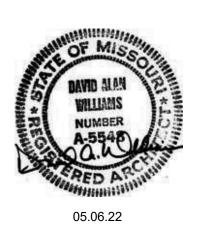
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RUCTURAL BSE STRUCTRAL ENGINEERS

HENDERSON ENGINEERS

CAL HENDERSON

ELECTRICAL HENDERSON ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

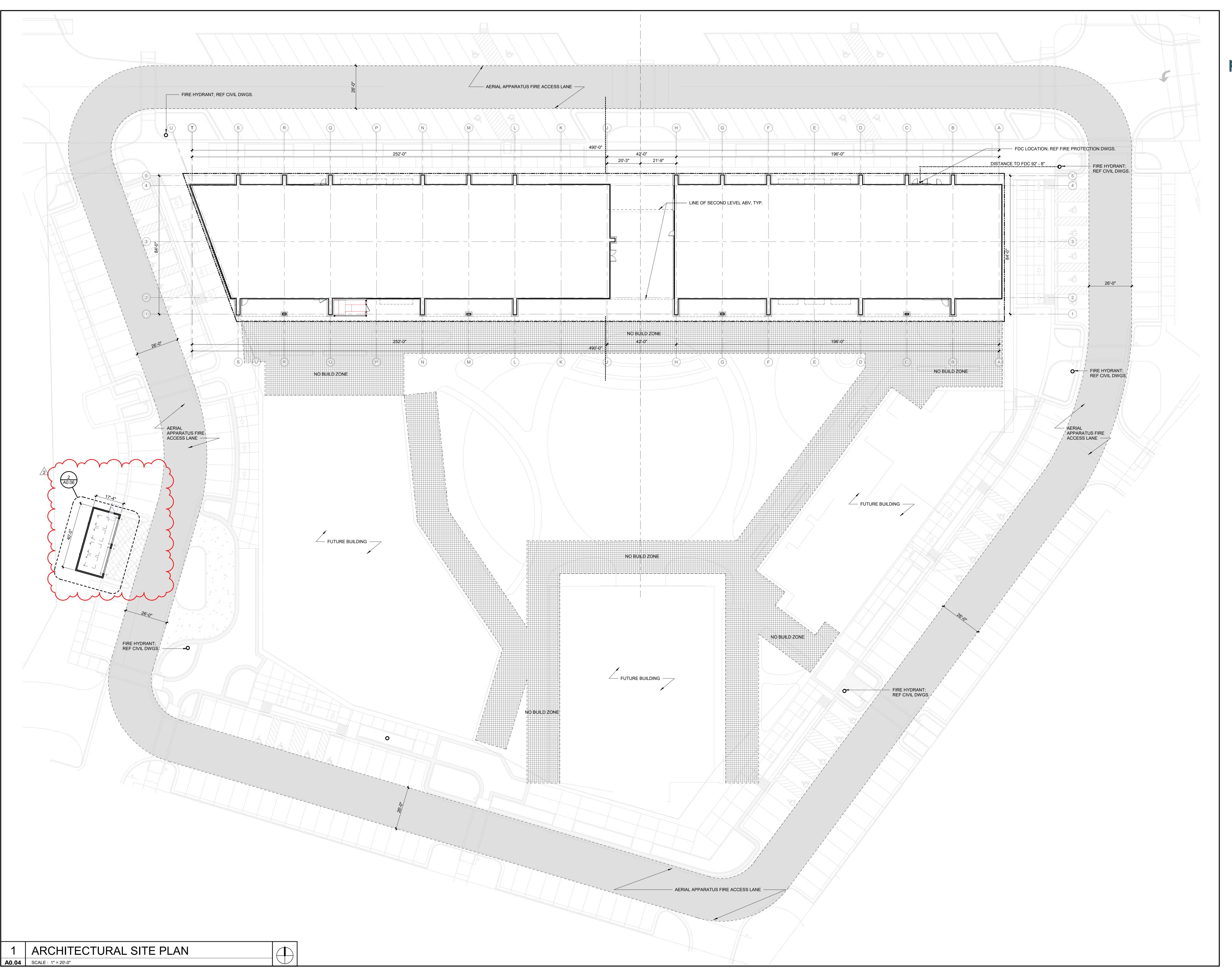
FINKLE + WILLIAMS

ARCHITECTURE

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SHEET TITLE

ARCHITECTURAL SITE PLAN





3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Project No.: 19050.01a

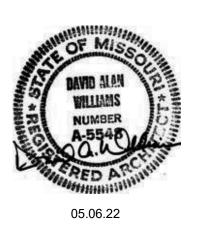
Date: 09.27.22

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Date Description

9.27.22 ADDENDUM 2

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PLUMBING HENDE ENGINE

MECHANICAL HENDERSON ENGINEERS

ELECTRICAL HENDERSON

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

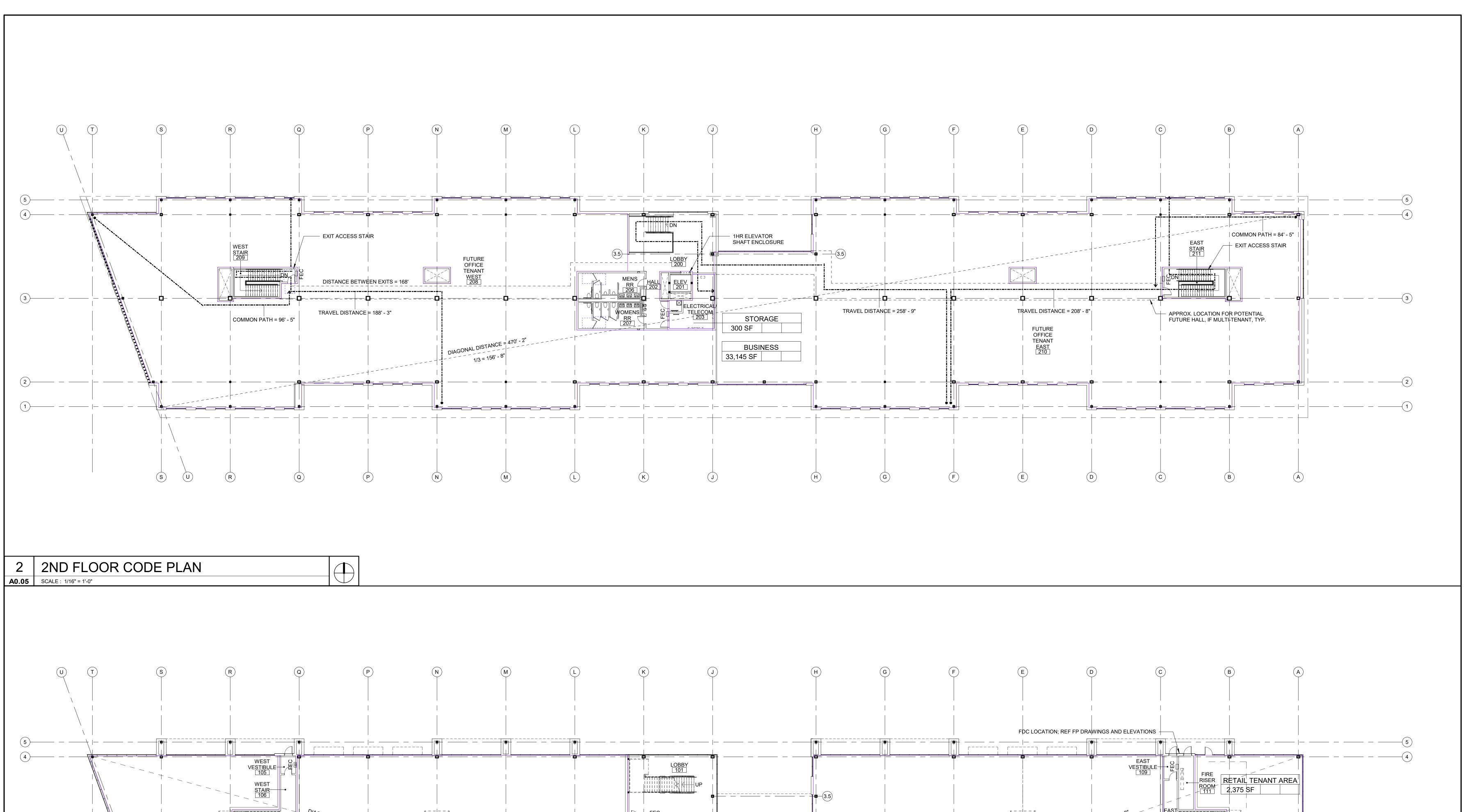
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SHEET TITLE

CODE SITE PLAN



DISTANCE BETWEEN EXITS = 200' - 0"

TENANT AREA

i----i

FUTURE TENANT 108 ELECTRICAL
112



PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

 Project No.: 19050.01a

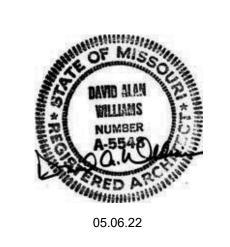
 Date: 09.27.22

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 No. Date 2
 Description ADDENDUM 2

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PLUMBING HENDERSON ENGINEERS

MECHANICAL HENDERSON ENGINEERS

ELECTRICAL HENDERSON ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS

ARCHITECTURE

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SHEET TITLE

CODE PLANS

A0.05

SHEET NUMBER

1 1ST FLOOR CODE PLAN

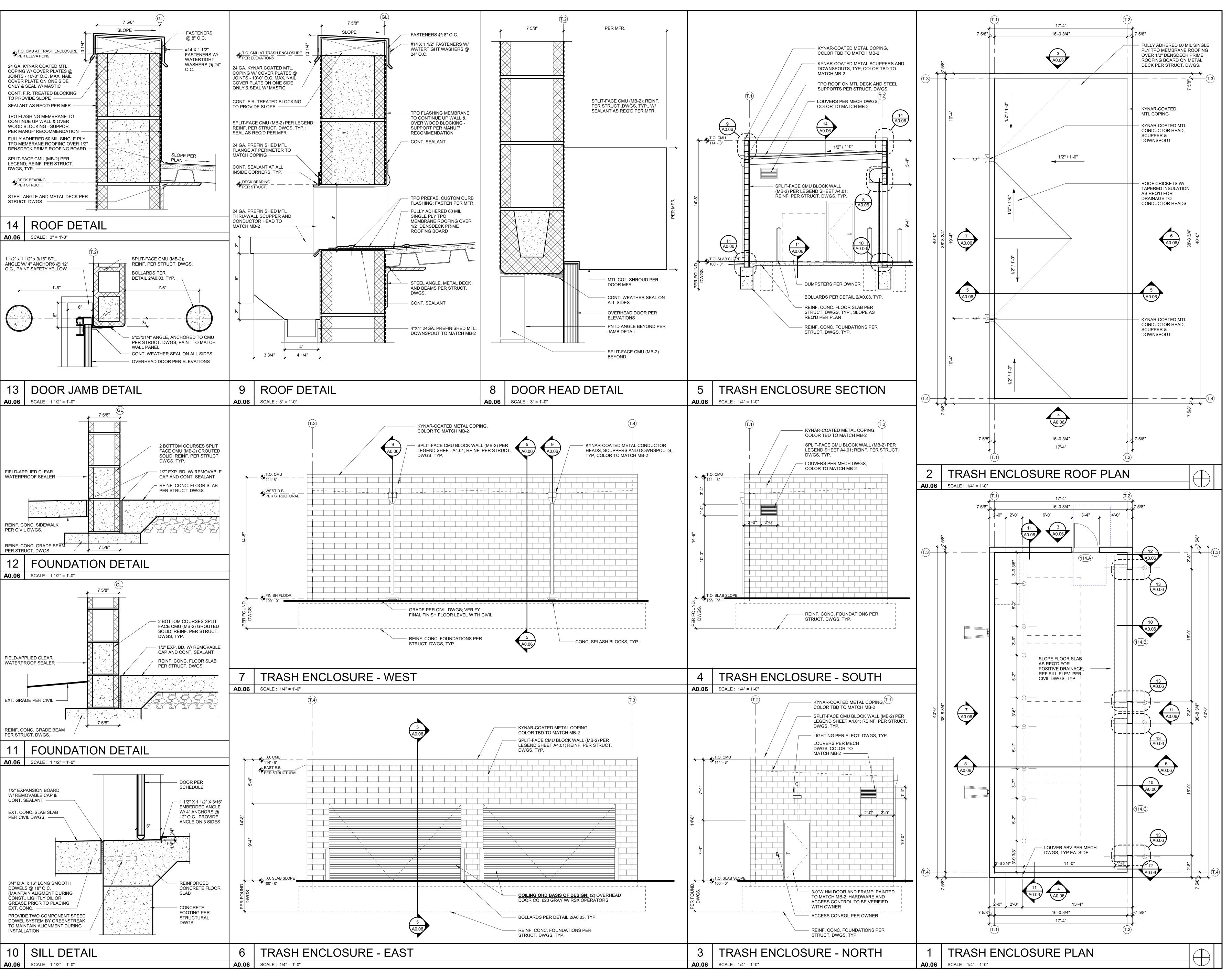
A0.05 SCALE: 1/16" = 1'-0"

DISTANCE BETWEEN EXITS = 231' - 0"

TENANT AREA

10,221 SF

RETAIL TENANT AREA





3201 NW PARAGON PKWY LEE'S SUMMIT, MO

 Project No.:
 19050.01a

 Date:
 09.27.22

 Issued For:
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REGISTRATION

05.06.22

PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE LANDSCAPE LAND 3 **FOUNDATIONS** BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRA **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON

ELECTRICAL HENDERSON ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

ENGINEERS

ARCHITECTURE

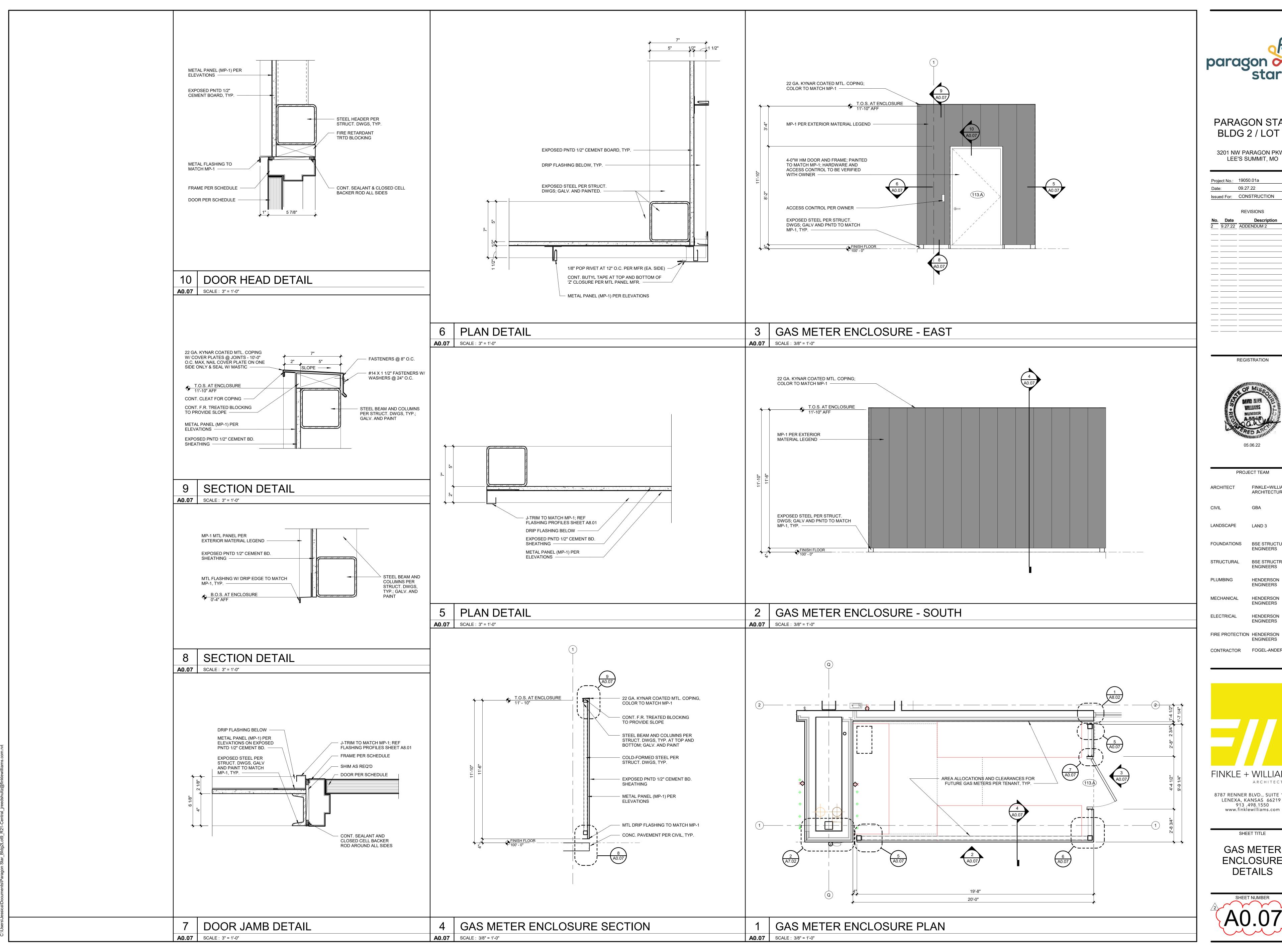
8787 RENNER BLVD., SUITE 100
LENEXA, KANSAS 66219

SHEET TITLE

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TRASH ENCLOSURE DETAILS

A0.06





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PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS**

BSE STRUCTRAL STRUCTURAL **ENGINEERS** HENDERSON

ENGINEERS HENDERSON

ENGINEERS FIRE PROTECTION HENDERSON

HENDERSON

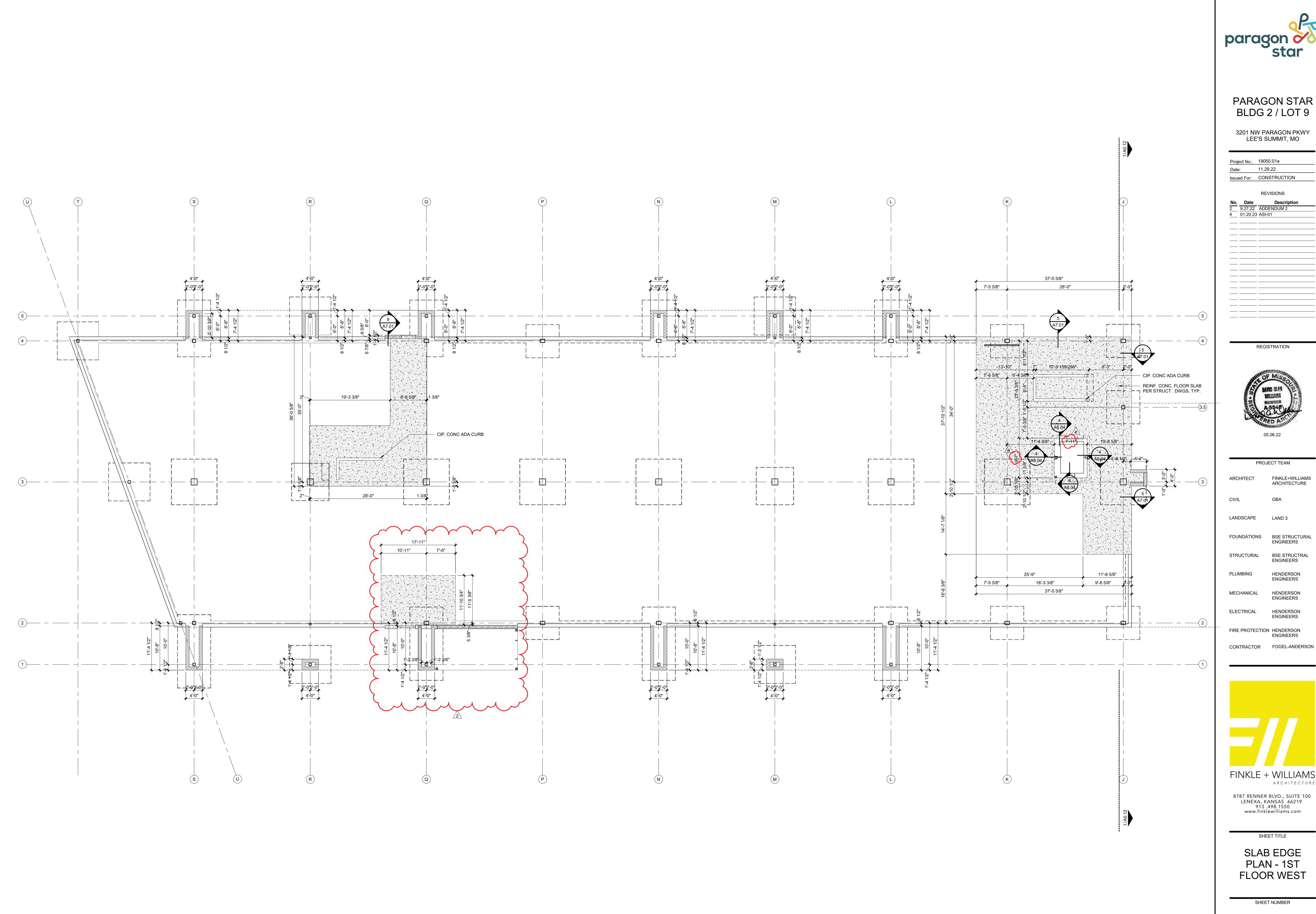
CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS ARCHITECTURE

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SHEET TITLE

GAS METER **ENCLOSURE** DETAILS

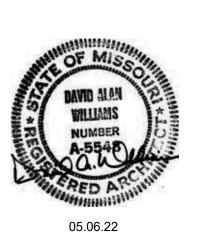




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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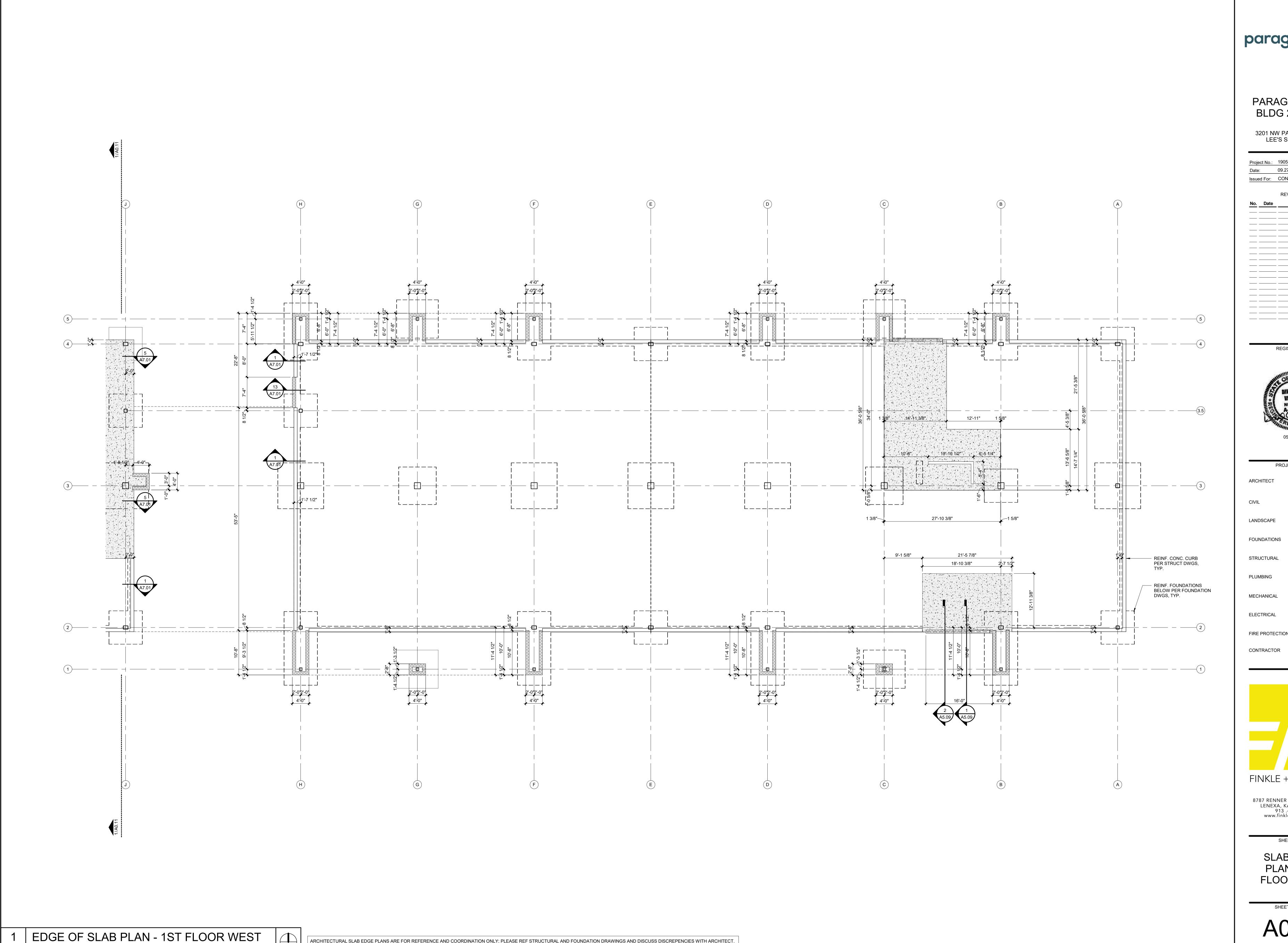
FINKLE + WILLIAMS ARCHITECTURE 8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

SLAB EDGE PLAN - 1ST **FLOOR WEST**

SHEET NUMBER

A0.11 SCALE: 1/8" = 1'-0"



ARCHITECTURAL SLAB EDGE PLANS ARE FOR REFERENCE AND COORDINATION ONLY; PLEASE REF STRUCTURAL AND FOUNDATION DRAWINGS AND DISCUSS DISCREPENCIES WITH ARCHITECT.

A0.12 SCALE: 1/8" = 1'-0"



PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

: 19050.01a
09.27.22
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Description



FINKLE+WILLIAMS LANDSCAPE LAND 3

PROJECT TEAM

FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS**

HENDERSON

ENGINEERS

ENGINEERS MECHANICAL HENDERSON HENDERSON

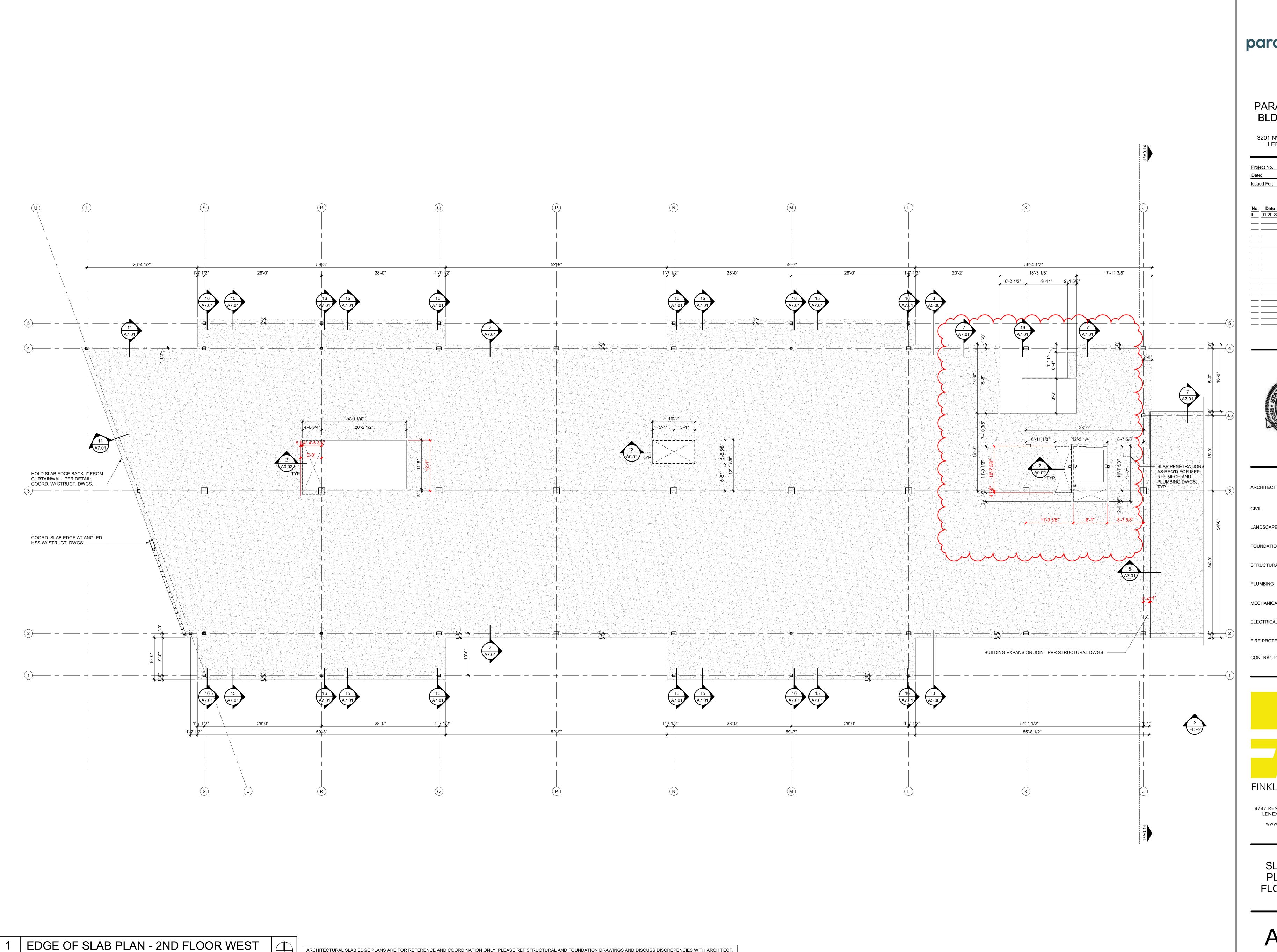
FIRE PROTECTION HENDERSON ENGINEERS CONTRACTOR FOGEL-ANDERSON



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SHEET TITLE

SLAB EDGE PLAN - 1ST FLOOR EAST

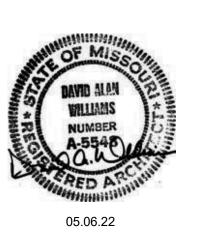




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

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HENDERSON

ENGINEERS

ENGINEERS HENDERSON MECHANICAL **ENGINEERS** ELECTRICAL HENDERSON

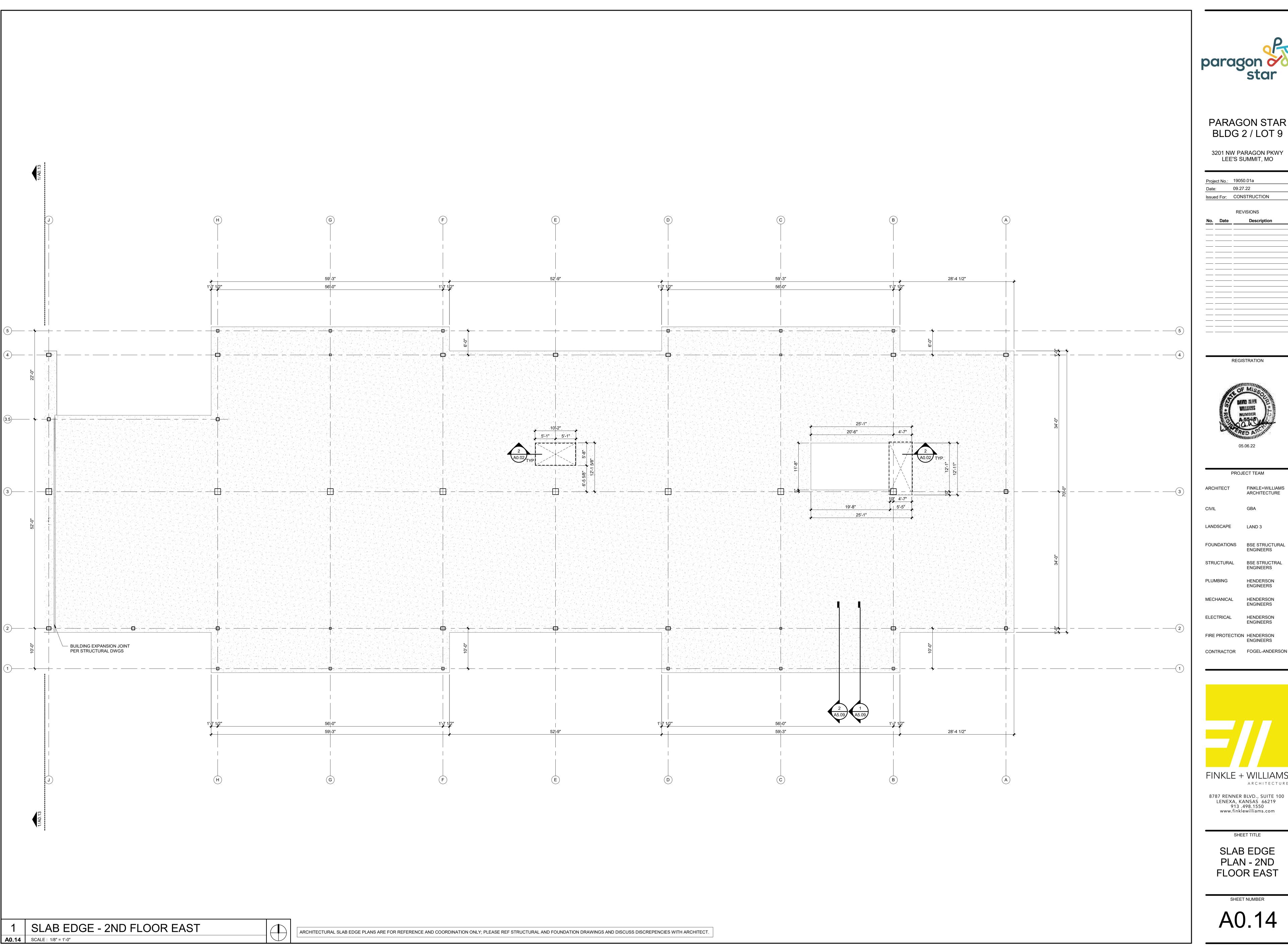
FIRE PROTECTION HENDERSON ENGINEERS CONTRACTOR FOGEL-ANDERSON



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SHEET TITLE

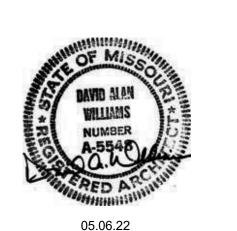
SLAB EDGE PLAN - 2ND FLOOR WEST





3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL

STRUCTURAL BSE STRUCTRAL **ENGINEERS**

HENDERSON **ENGINEERS**

ENGINEERS

ENGINEERS

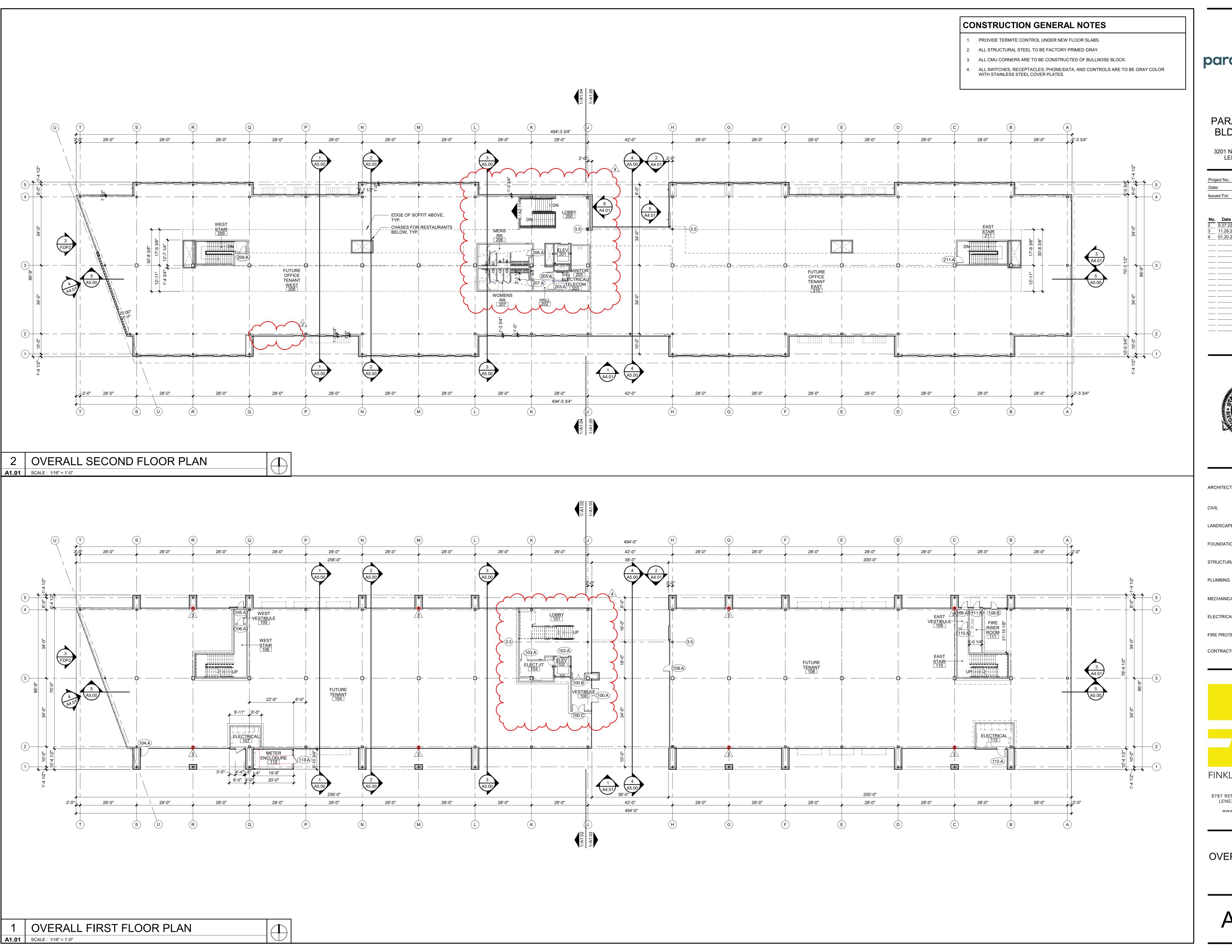
MECHANICAL HENDERSON

FIRE PROTECTION HENDERSON ENGINEERS

ARCHITECTURE 8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

SLAB EDGE PLAN - 2ND FLOOR EAST

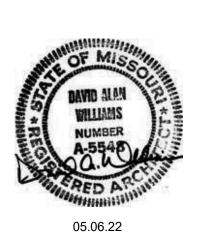




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Proje	ect No.:	19050.01a
		11.29.22
Issue	ed For:	CONSTRUCTION
		REVISIONS
No.	Date	Description
2	9.27.22	ADDENDUM 2
2 3 4	11.29.22	ADDENDUM 3
4	01.20.23	ASI-01

REGISTRATION



ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL ENGINEERS

STRUCTURAL BSE STRUCTRAL

ENGINEERS

HENDERSON ENGINEERS

PROJECT TEAM

MECHANICAL HENDERSON ENGINEERS

ELECTRICAL HENDERSON ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON



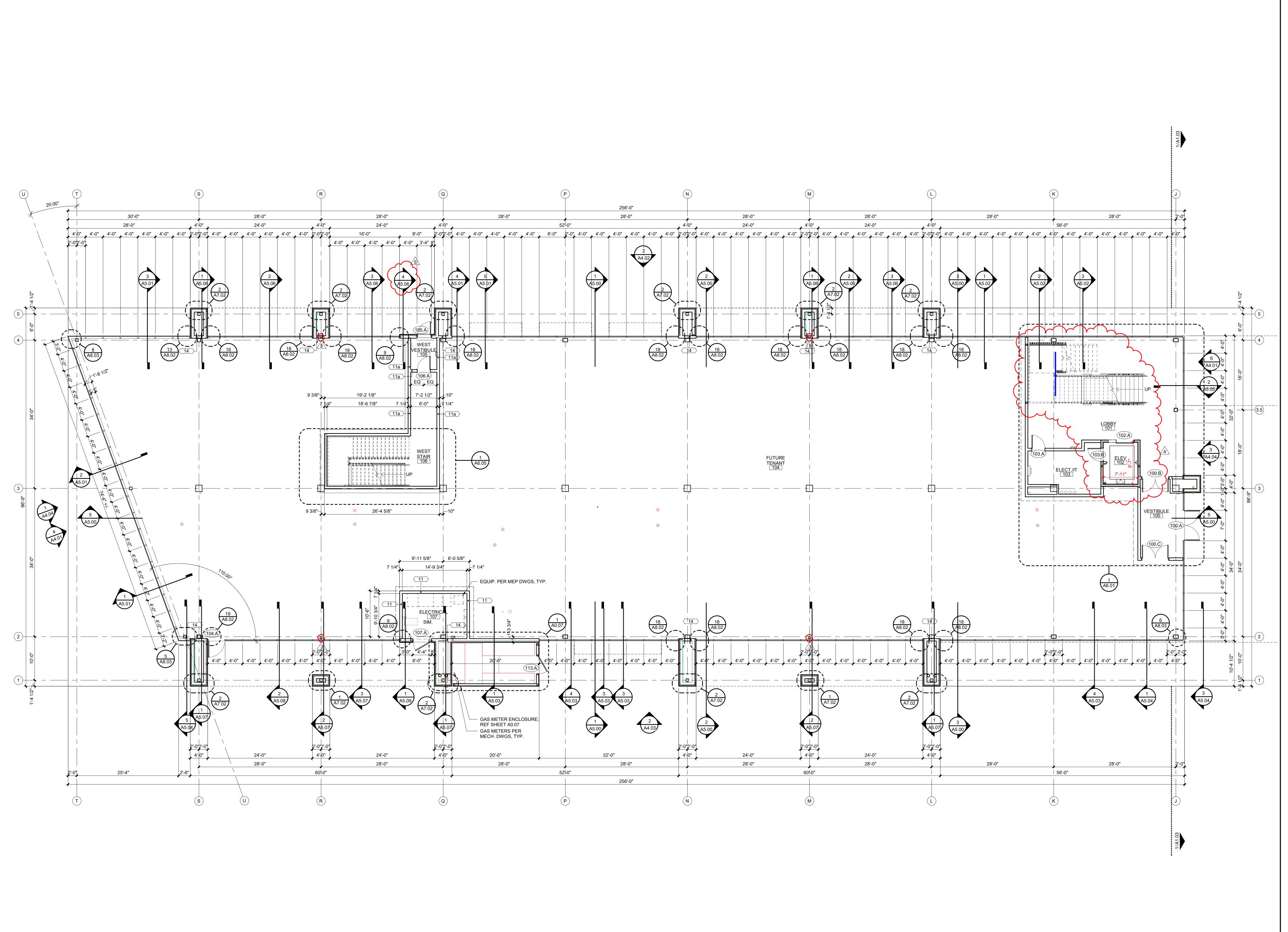
ARCHITECTURE

8787 RENNER BLVD., SUITE 100

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SHEET TITLE

OVERALL FLOOR PLANS



1ST FLOOR PLAN - WEST

A1.02 SCALE: 1/8" = 1'-0"

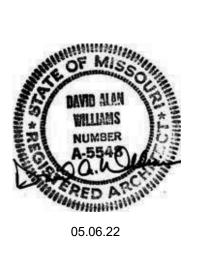


PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Date	ect No.: e: ed For:	19050.01a 11.29.22 CONSTRUCTION REVISIONS
No.	Date	
3		Description ADDENDUM 3
4	01.20.23	
 5	02.01.23	

REGISTRATION



PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL ENGINEERS

STRUCTURAL BSE STRUCTRAL ENGINEERS

PLUMBING HENDERSON ENGINEERS

MECHANICAL HENDERSON ENGINEERS

ELECTRICAL HENDERSON ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

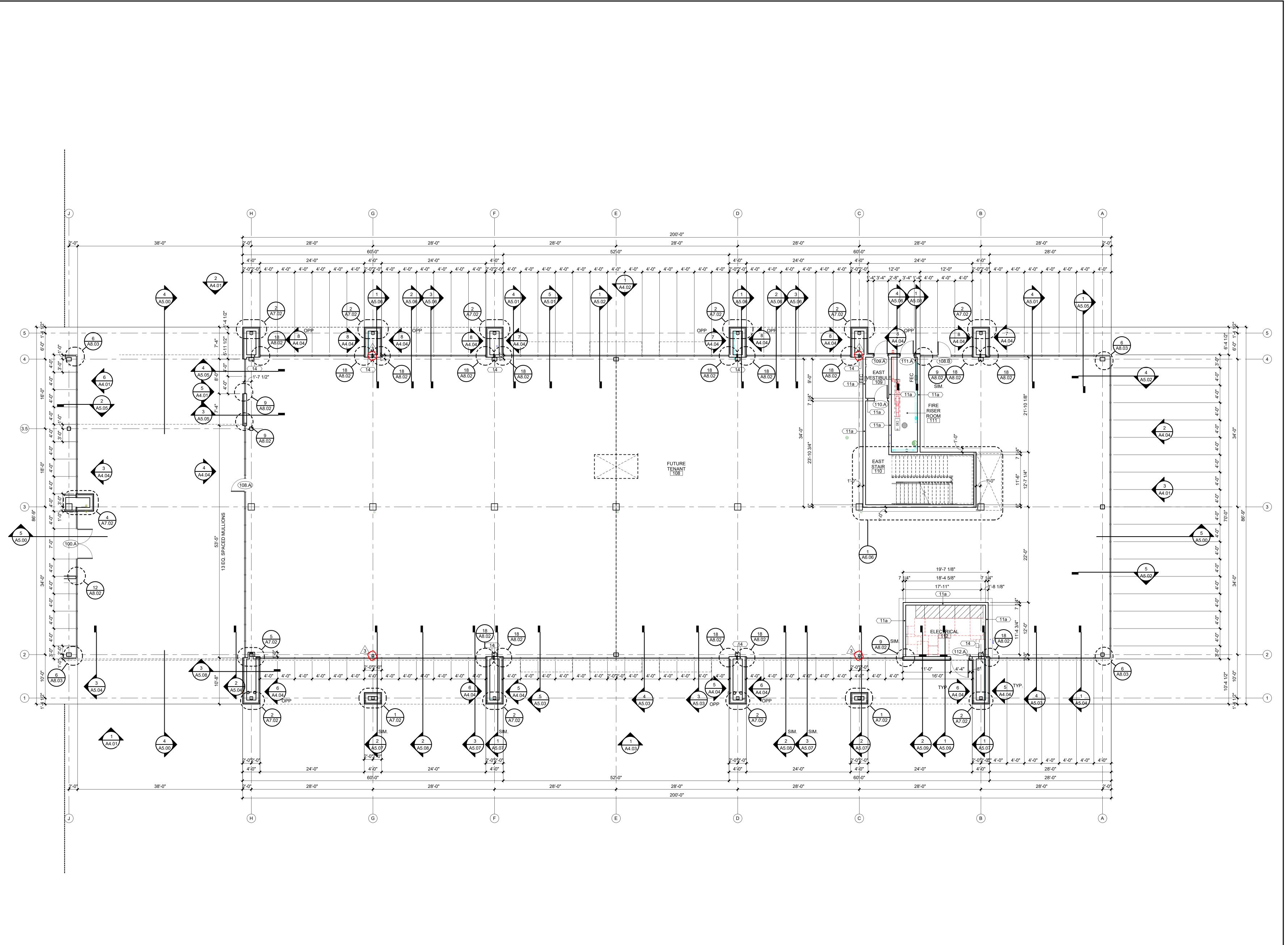
CONTRACTOR FOGEL-ANDERSON



SHEET TITLE

FIRST FLOOR PLAN -WEST

SHEET NUMBER



1ST FLOOR PLAN - EAST

A1.03 SCALE: 1/8" = 1'-0"



PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

 Project No.:
 19050.01a

 Date:
 11.29.22

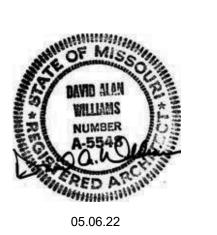
 Issued For:
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 No.
 Date 11.29.22

 ADDENDUM 3

REGISTRATION



PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL ENGINEERS

STRUCTURAL BSE STRUCTRAL ENGINEERS

PLUMBING HENDERSON ENGINEERS

MECHANICAL HENDERSON ENGINEERS

HENDERSON

ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS

ARCHITECTURE

8787 RENNER BLVD., SUITE 100

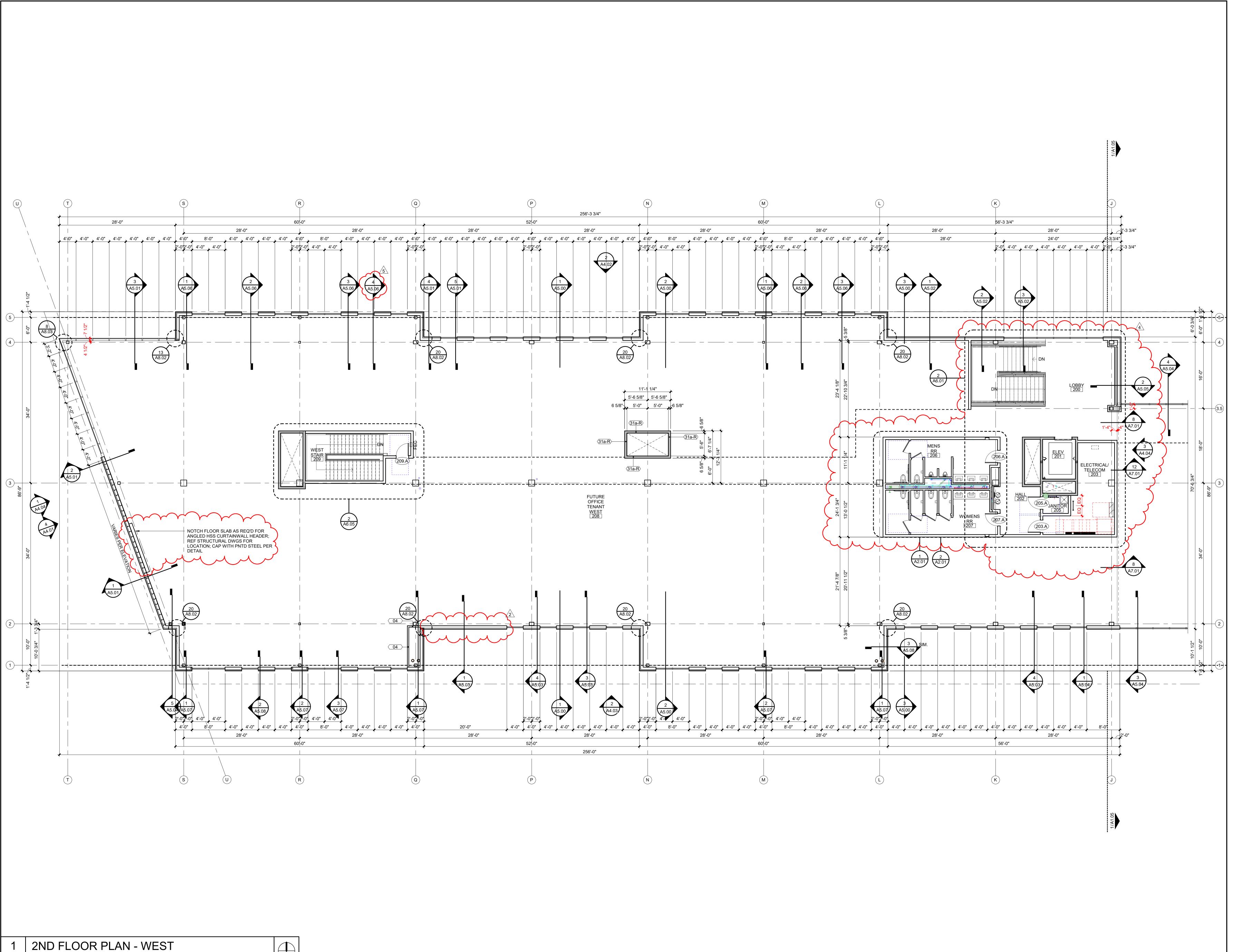
LENEXA, KANSAS 66219

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SHEET TITLE

FIRST FLOOR PLAN - EAST



A1.04 SCALE: 1/8" = 1'-0"

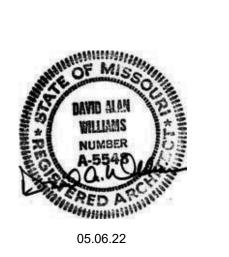


PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

	ect No.:	19050.01a 11.29.22
Date	9:	11.29.22
Issu	ed For:	CONSTRUCTION
		REVISIONS
No.	Date	Description
2	9.27.22	ADDENDUM 2
4	01.20.23	ASI-01
	00.04.00	ASI-02

DECICEDATION



PROJECT TEAM					
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE				
CIVIL	GBA				
LANDSCAPE	LAND 3				
FOUNDATIONS	BSE STRUCTURAL ENGINEERS				
STRUCTURAL	BSE STRUCTRAL ENGINEERS				
PLUMBING	HENDERSON ENGINEERS				
MECHANICAL	HENDERSON ENGINEERS				
ELECTRICAL	HENDERSON ENGINEERS				
FIRE PROTECTION	HENDERSON ENGINEERS				

CONTRACTOR FOGEL-ANDERSON

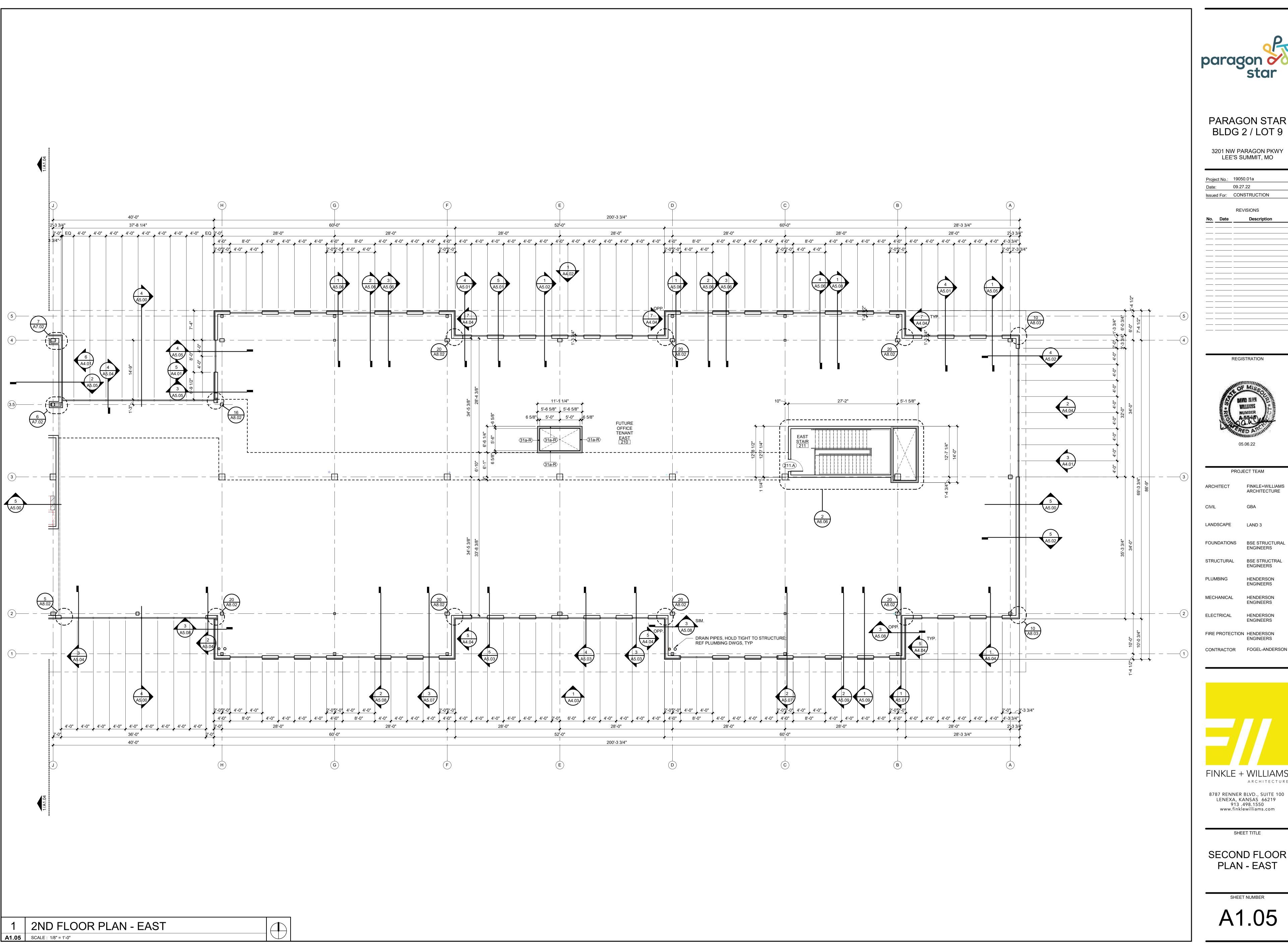


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SHEET TITLE

SECOND FLOOR PLAN - WEST

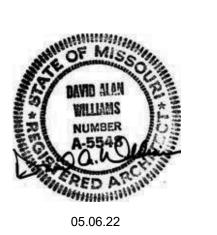
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3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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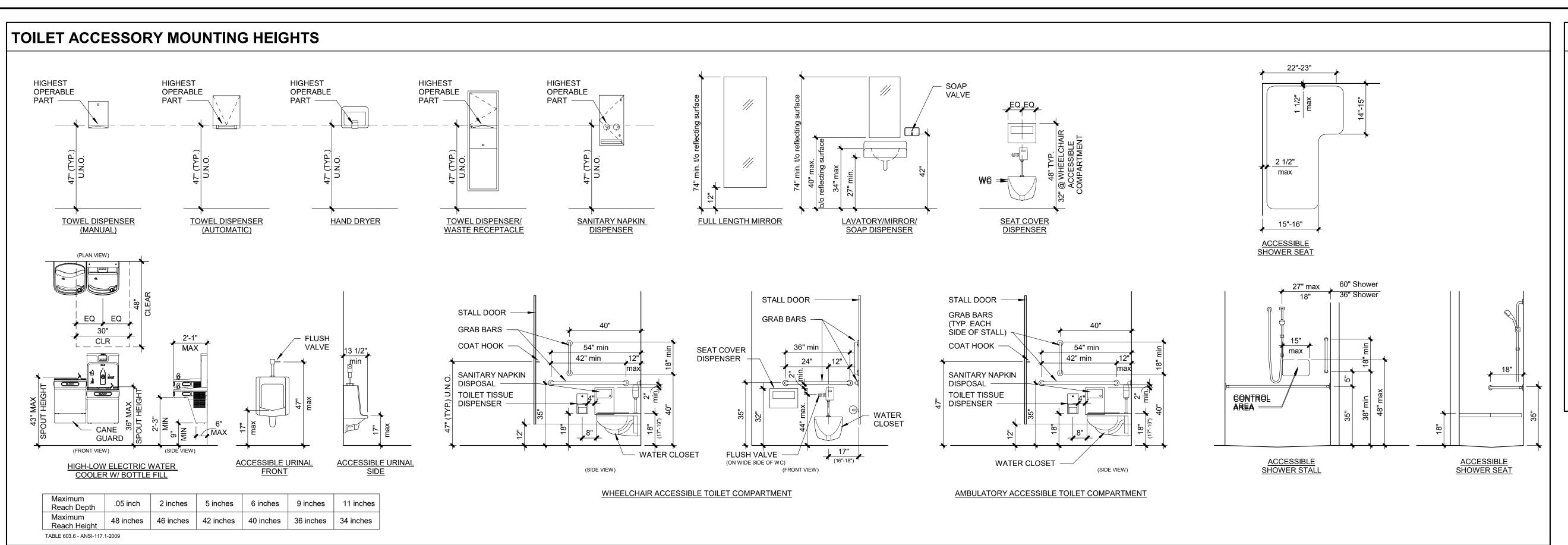
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SHEET TITLE

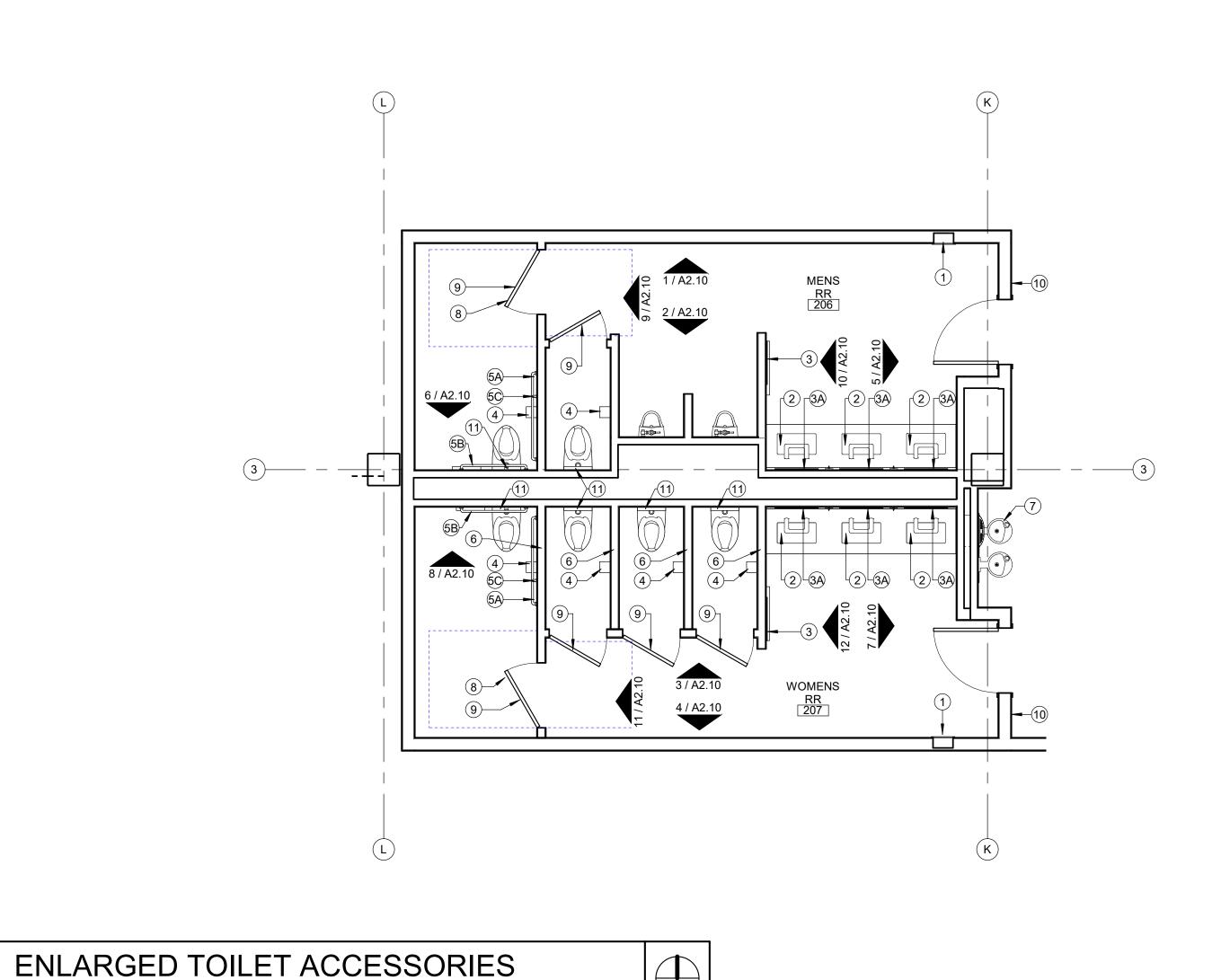
SECOND FLOOR PLAN - EAST

> SHEET NUMBER A1.05

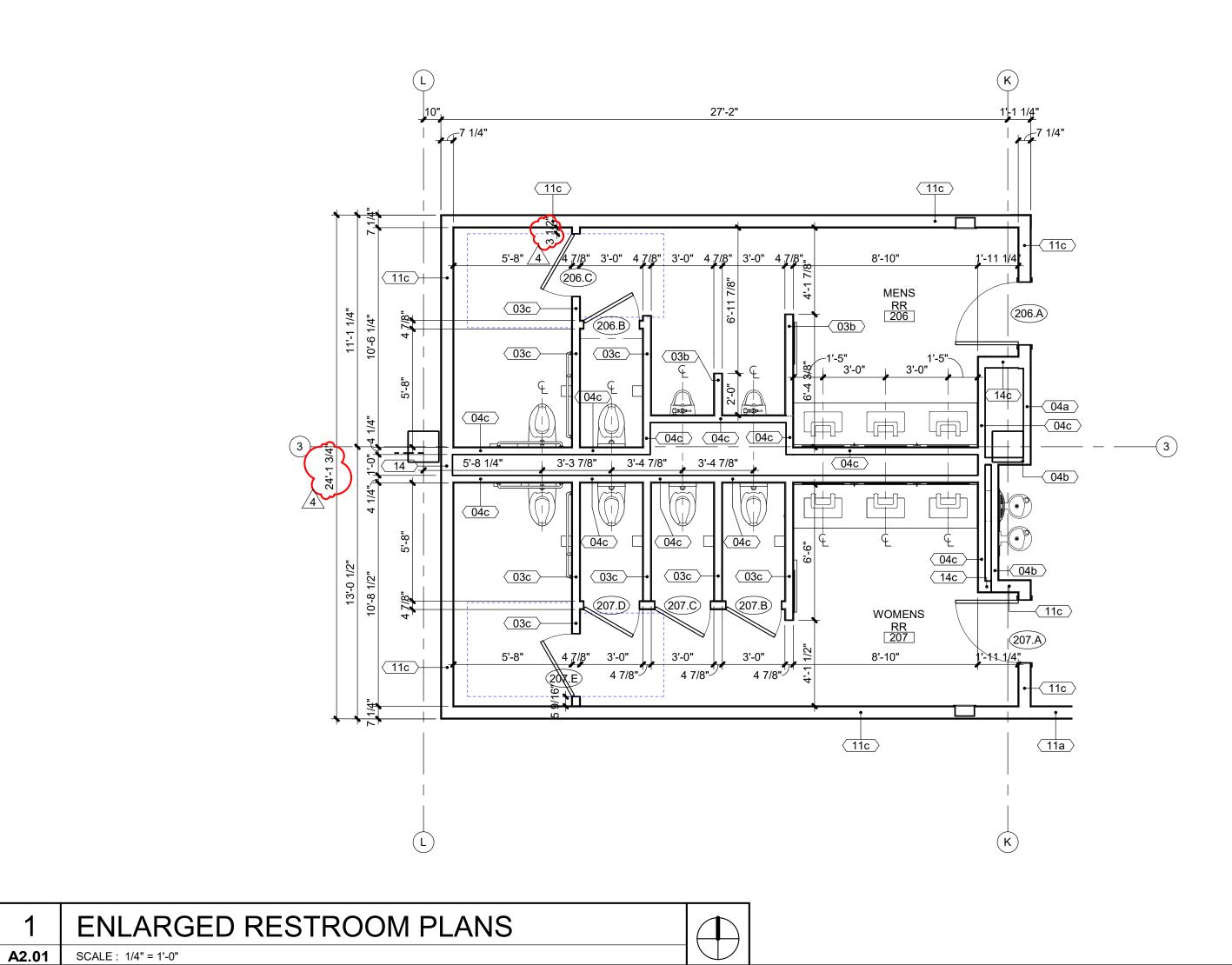


TOILET ACCESSORY / EQUIPMENT LEGEND

- ALL ACCESSORIES SHALL BE STAINLESS STEEL UNLESS NOTED OTHERWISE. ALL ACCESSORIES SHALL BE DESIGNED TO MEET ADA STANDARDS.
- (1) COMBINATION PAPER TOWEL DISPENSER/WASTE RECEPTACLE, RECESSED, MATTE BLACK FINISH (BOBRICK B-3803.MBLK)
- (2) UNDERMOUNT SINK KIT WITH WASHBAR (BRADLEY WB1-1B-ER1)
- (3) FRAMED MIRROR (24"W X 82"H). FRAME TO BE 2" WIDE, COLOR BLACK
- (3A) FRAMELESS MIRROR WITH POLISHED EDGES (24"W X 58"H)
- 4) MULTI-ROLL TOILET TISSUE DISPENSER W/NO KEYED LOCK (BOBRICK B-2888)
- (5) GRAB BARS AS SHOWN ON PLANS AND ELEVATIONS (BOBRICK B-6806 SERIES)
- (5A) GRAB BAR (BOBRICK B6806 X 42) LOCATE AS SHOWN IN ACCESSORY MOUNTING HEIGHTS
- (5B) GRAB BAR (BOBRICK B6806 X 36) LOCATE AS SHOWN IN ACCESSORY MOUNTING HEIGHTS
- (5B) GRAB BAR (BOBRICK B6806 X 18)
- LOCATE AS SHOWN IN ACCESSORY MOUNTING HEIGHTS (6) SANITARY NAPKIN DISPOSAL, RECESSED (BOBRICK B-353)
- (7) HI / LO ADA ACCESSIBLE DRINKING FOUNTAIN W/ BOTTLE FILL AND FILTER (ELKAY LZWS-LRPBM28K)
- (8) RUBBER TIPPED DOOR BUMBER (BOBRICK B-687)
- (9) COAT AND HAT HOOK (BOBRICK B-6827)
- (10) A.D.A. RESTROOM SIGNAGE, SEE SHEET A0.01
- (11) TOILET SEAT COVER DISPENSER (BOBRICK B-221)
- (12) BRADLEY WASHBAR WITH UNDERMOUNT SINK ACCESS PANEL (PWB SWING DOWN MATTE BLACK POWDER COATED STAINLESS STEEL). REF. MEP DRAWINGS FOR WASHBAR AND SINK SPECIFICATIONS



A2.01 SCALE: 1/4" = 1'-0"



ENLARGED RESTROOM PLANS



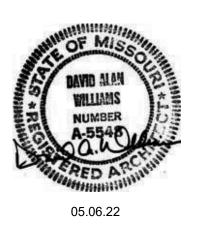
PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

Project No.: 19050.01a 11.29.22 Issued For: CONSTRUCTION REVISIONS

REGISTRATION



FINKLE+WILLIAMS LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** BSE STRUCTRAL ENGINEERS

> HENDERSON **ENGINEERS**

ENGINEERS

PROJECT TEAM

MECHANICAL HENDERSON ELECTRICAL HENDERSON

PLUMBING

FIRE PROTECTION HENDERSON CONTRACTOR FOGEL-ANDERSON

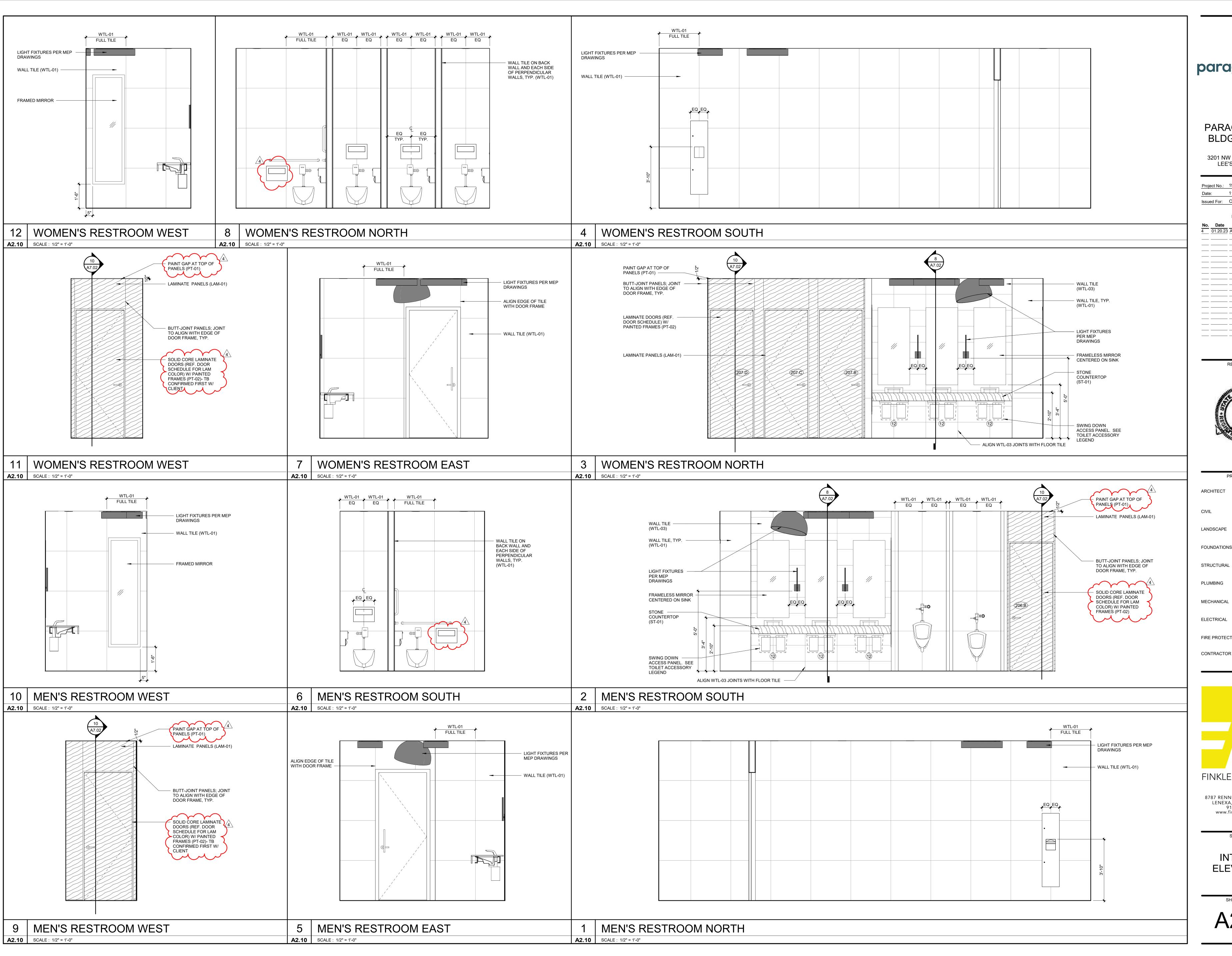
FINKLE + WILLIAMS

ARCHITECTURE 8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

ENLARGED TOILET PLANS AND DETAILS

A2.01





3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

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Date: 11.29.22

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1.20.23 ASI-01

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PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL ENGINEERS

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ING HENDERSON ENGINEERS

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ENGINEERS
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ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

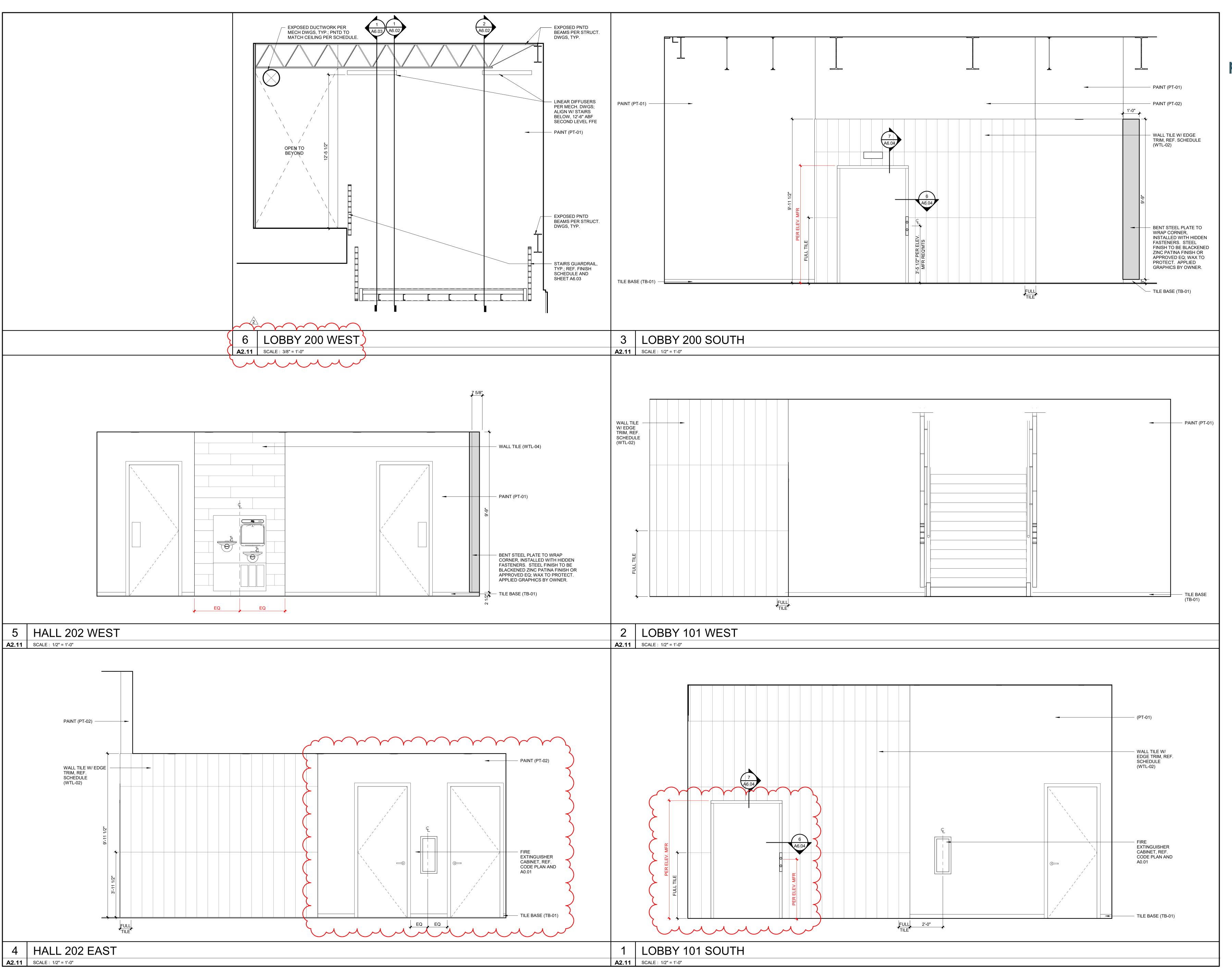
FINKLE + WILLIAMS
ARCHITECTURE

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SHEET TITLE

INTERIOR ELEVATIONS

A2.10





3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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No. Date Description

9.27.22 ADDENDUM 2

4 01.20.23 ASI-01

REGISTRATION

DAVID ALAN
WILLIAMS
NUMBER
A-5548

PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA

FOUNDATIONS BSE STRUCTURAL ENGINEERS

STRUCTURAL BSE STRUCTRAL ENGINEERS

PLUMBING HENDERSON ENGINEERS

MECHANICAL HENDERSON ENGINEERS

ELECTRICAL HENDERSON ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

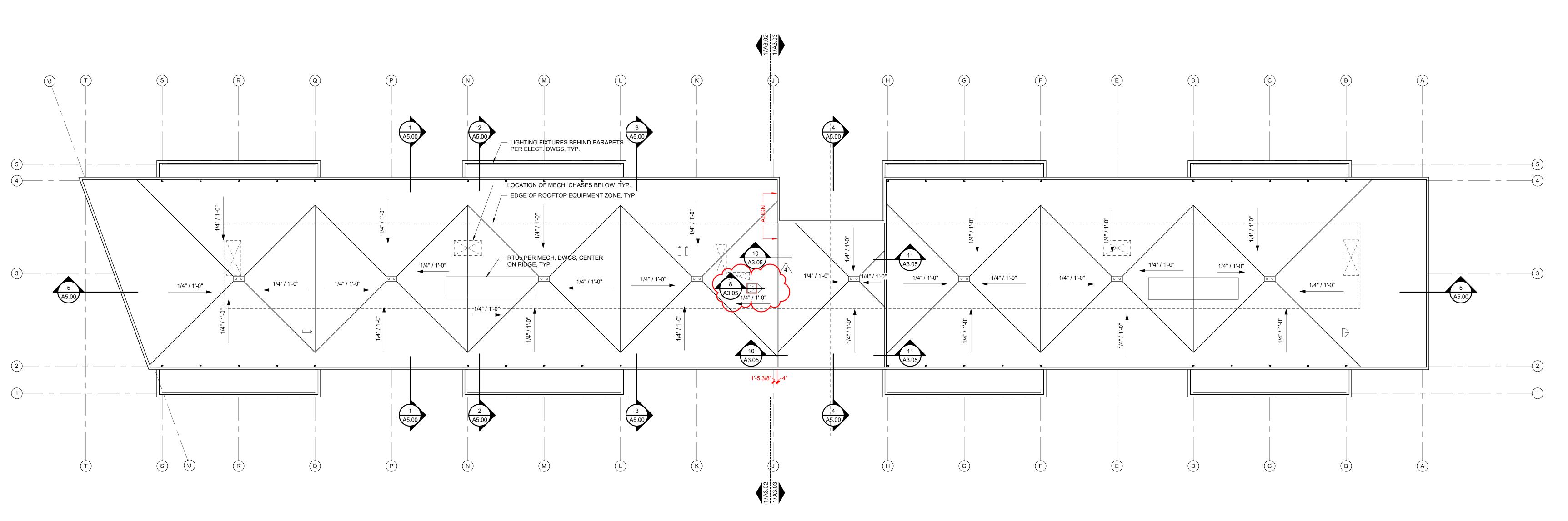
FINKLE + WILLIAMS
ARCHITECTURE

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SHEET TITLE

INTERIOR ELEVATIONS

A2.11



ROOF PLAN GENERAL NOTES

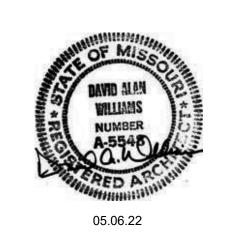
- THE SINGLE PLY ROOF SHALL BE TPO, 60 MIL, WHITE MEMBRANE, FULLY ADHERED, W/A 20 YEAR NO DOLLAR LIMIT MANUFACTURER'S WARRANTY.
- ROOF DRAINS ARE TO BE COLLECTED UNDERGROUND AND CONTINUED PER CIVIL ENGINEERING PLANS.
- 3. SEE SHEET A3.05 FOR TYPICAL ROOF DETAILS.
- 4. SEE PLUMBING AND MECHANICAL PLANS FOR ROOF TOP EQUIPMENT AND PENETRATION LOCATIONS.



PARAGON STAR BLDG 2 / LOT 9

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LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL **ENGINEERS** BSE STRUCTRAL

STRUCTURAL **ENGINEERS** PLUMBING HENDERSON

ENGINEERS MECHANICAL HENDERSON

ELECTRICAL HENDERSON **ENGINEERS**

FIRE PROTECTION HENDERSON ENGINEERS CONTRACTOR FOGEL-ANDERSON



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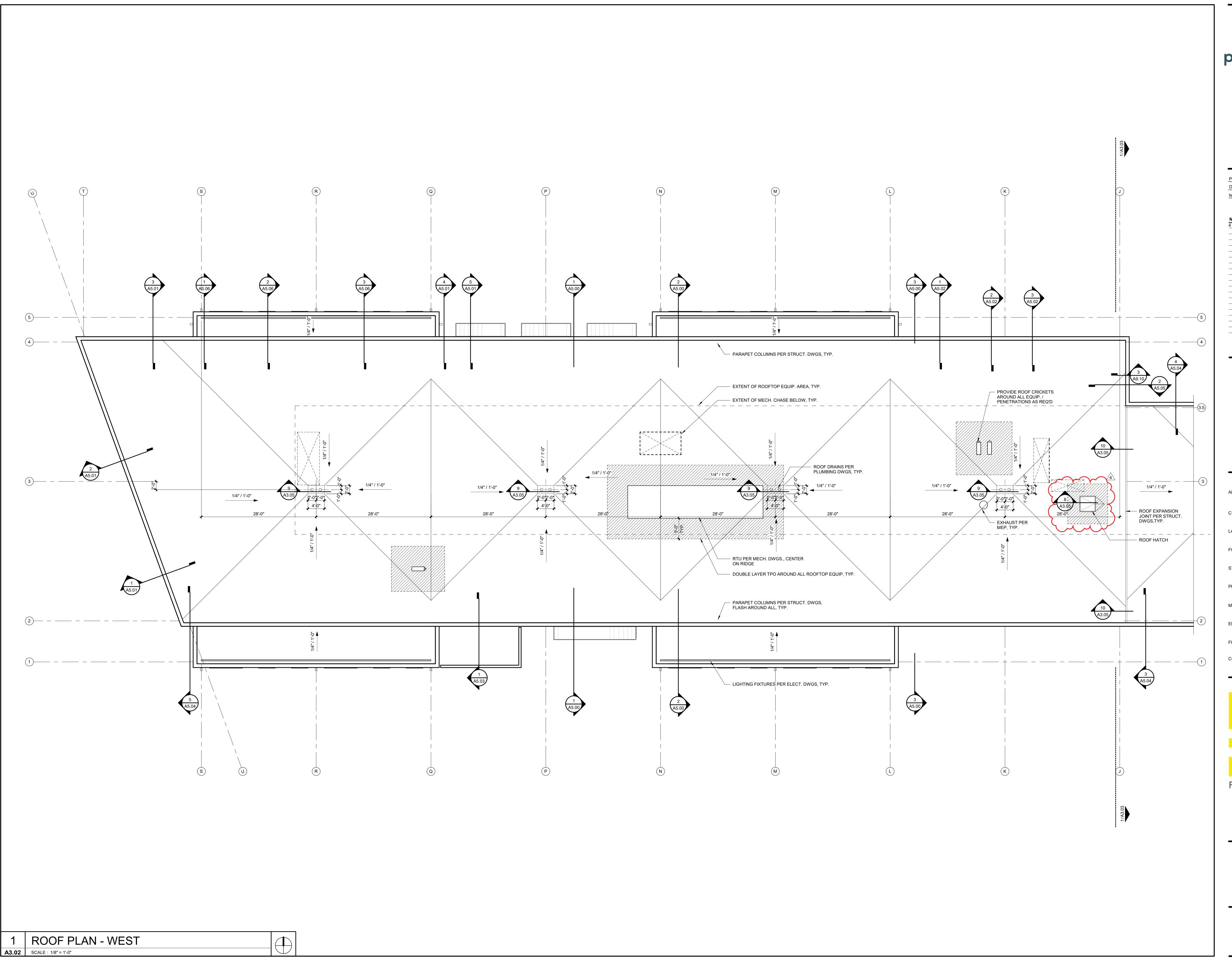
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SHEET TITLE

OVERALL ROOF PLAN

SHEET NUMBER

3 OVERALL ROOF PLAN **A3.01** SCALE: 1/16" = 1'-0"





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 Date:
 11.29.22

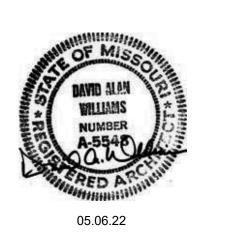
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 CONSTRUCTION

 REVISIONS

 No.
 Date

 01.20.23
 ASI-01

REGISTRATION



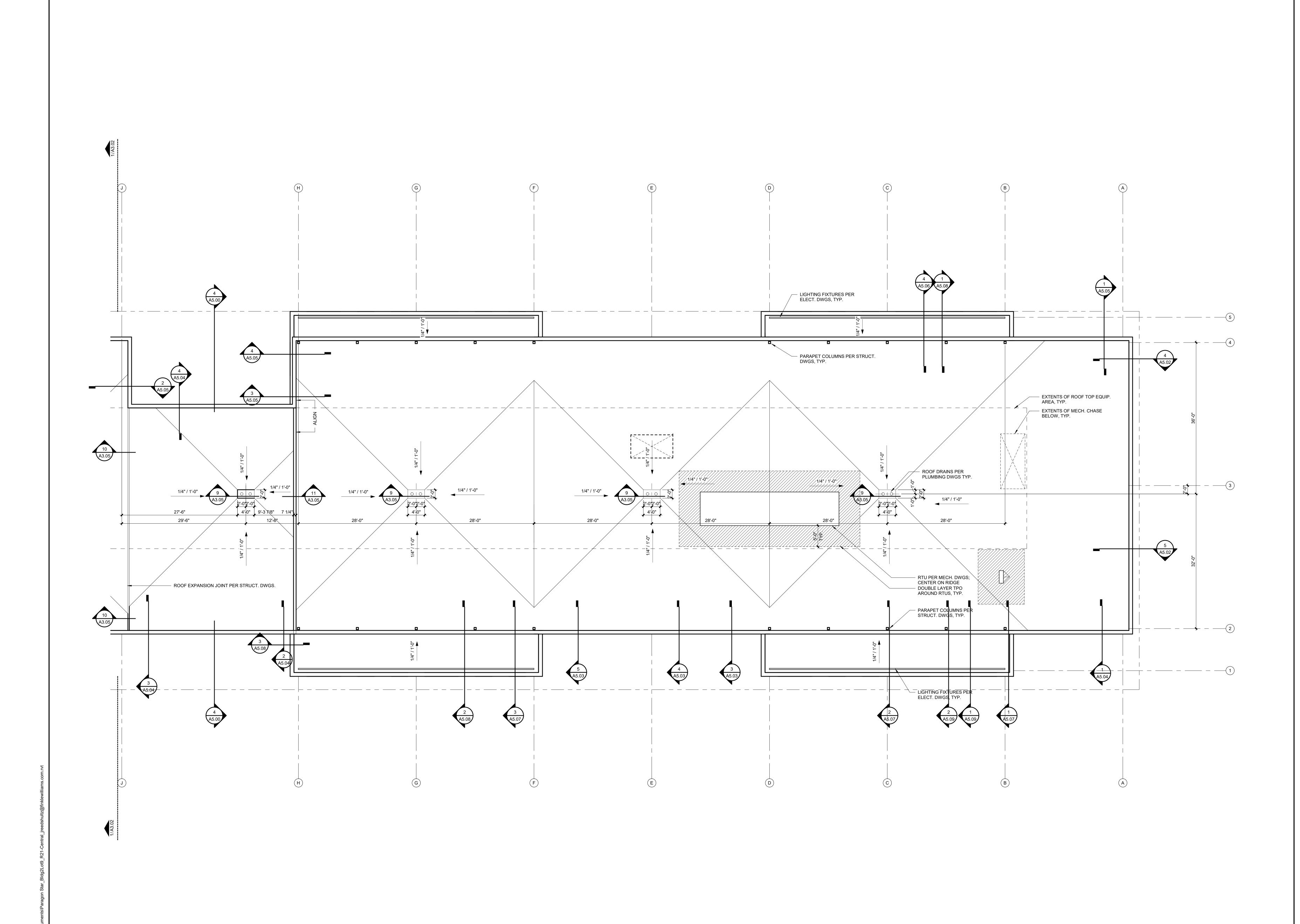
PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON ELECTRICAL HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON ENGINEERS CONTRACTOR FOGEL-ANDERSON



ROOF PLAN -WEST

SHEET TITLE

A3.02



ROOF PLAN - EAST

A3.03 SCALE: 1/8" = 1'-0"

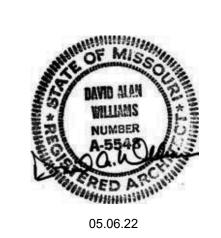


PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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Project No.:		19050.01a
Date:		09.27.22
Issued For:		CONSTRUCTION
		REVISIONS
No.	Date	Description
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REGISTRATION



PROJECT TEAM

A	RCHITECT	FINKLE+WILLIAMS ARCHITECTURE
C	CIVIL	GBA
L	ANDSCAPE	LAND 3
F	OUNDATIONS	BSE STRUCTURAL ENGINEERS
S	TRUCTURAL	BSE STRUCTRAL ENGINEERS
Ρ	LUMBING	HENDERSON ENGINEERS
M	MECHANICAL	HENDERSON ENGINEERS
E	ELECTRICAL	HENDERSON ENGINEERS
F	IRE PROTECTION	HENDERSON ENGINEERS



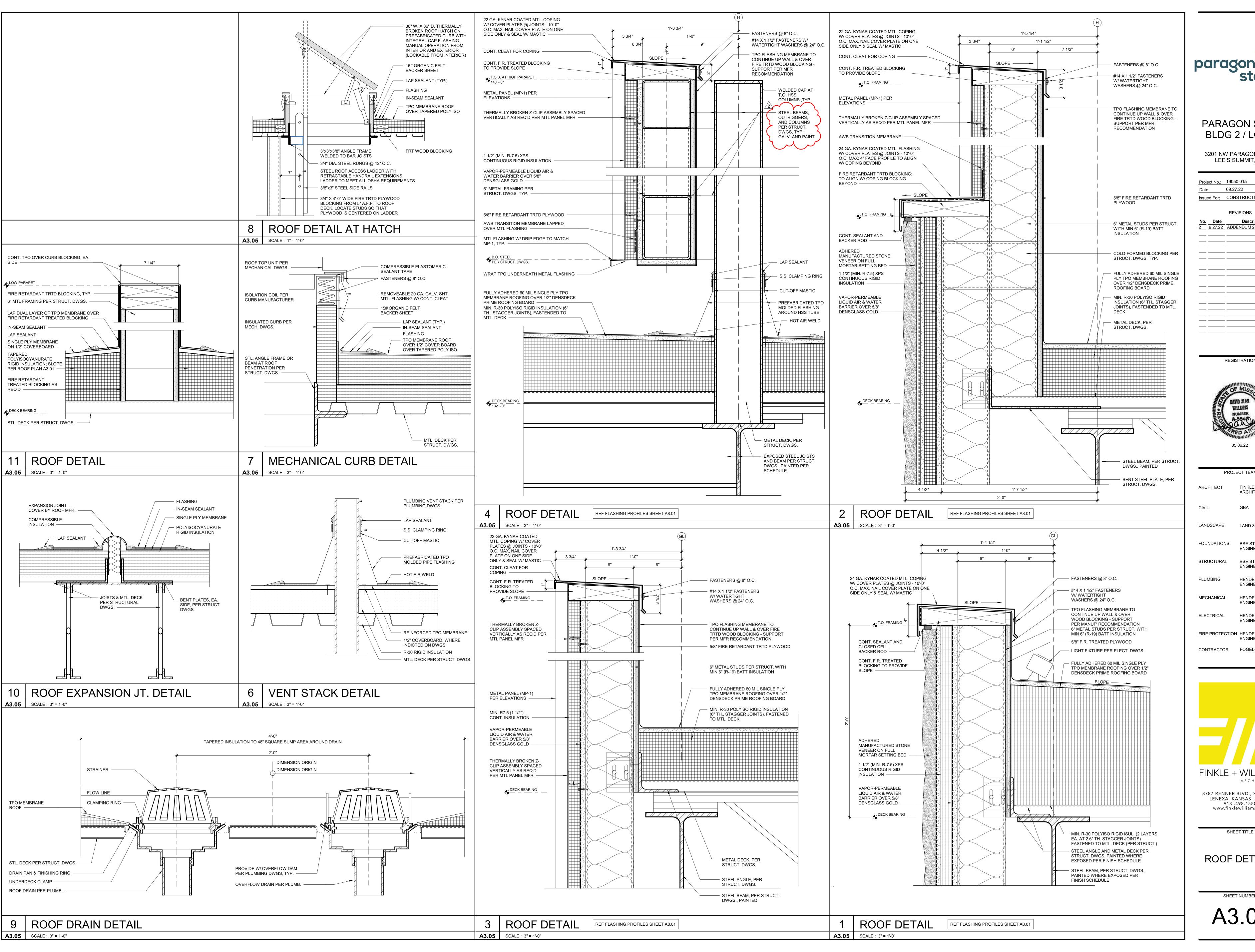
CONTRACTOR FOGEL-ANDERSON

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SHEET TITLE

ROOF PLAN -EAST

A3.03

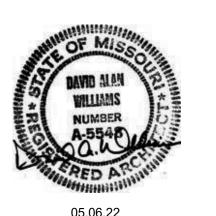




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PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRA **ENGINEERS**

PLUMBING HENDERSON **ENGINEERS MECHANICAL** HENDERSON

ENGINEERS HENDERSON ELECTRICAL **ENGINEERS**

FIRE PROTECTION HENDERSON **ENGINEERS** CONTRACTOR FOGEL-ANDERSON



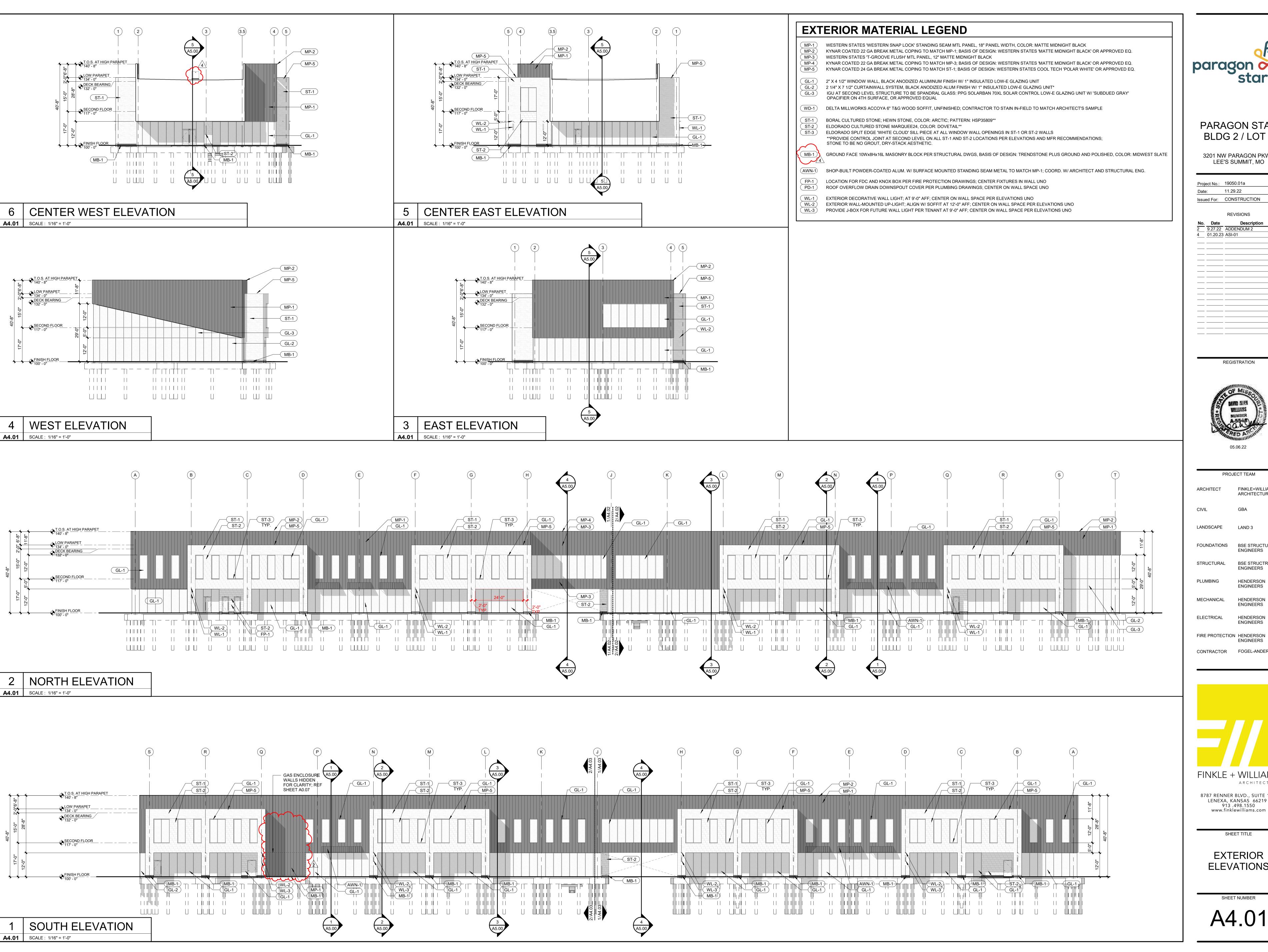
FINKLE + WILLIAMS ARCHITECTURE

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SHEET TITLE

ROOF DETAILS

SHEET NUMBER A3.05

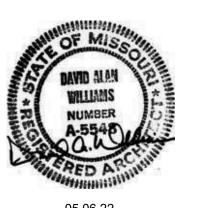




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PROJECT TEAM

FOUNDATIONS BSE STRUCTURAL BSE STRUCTRAL **ENGINEERS**

> HENDERSON **ENGINEERS**

HENDERSON HENDERSON

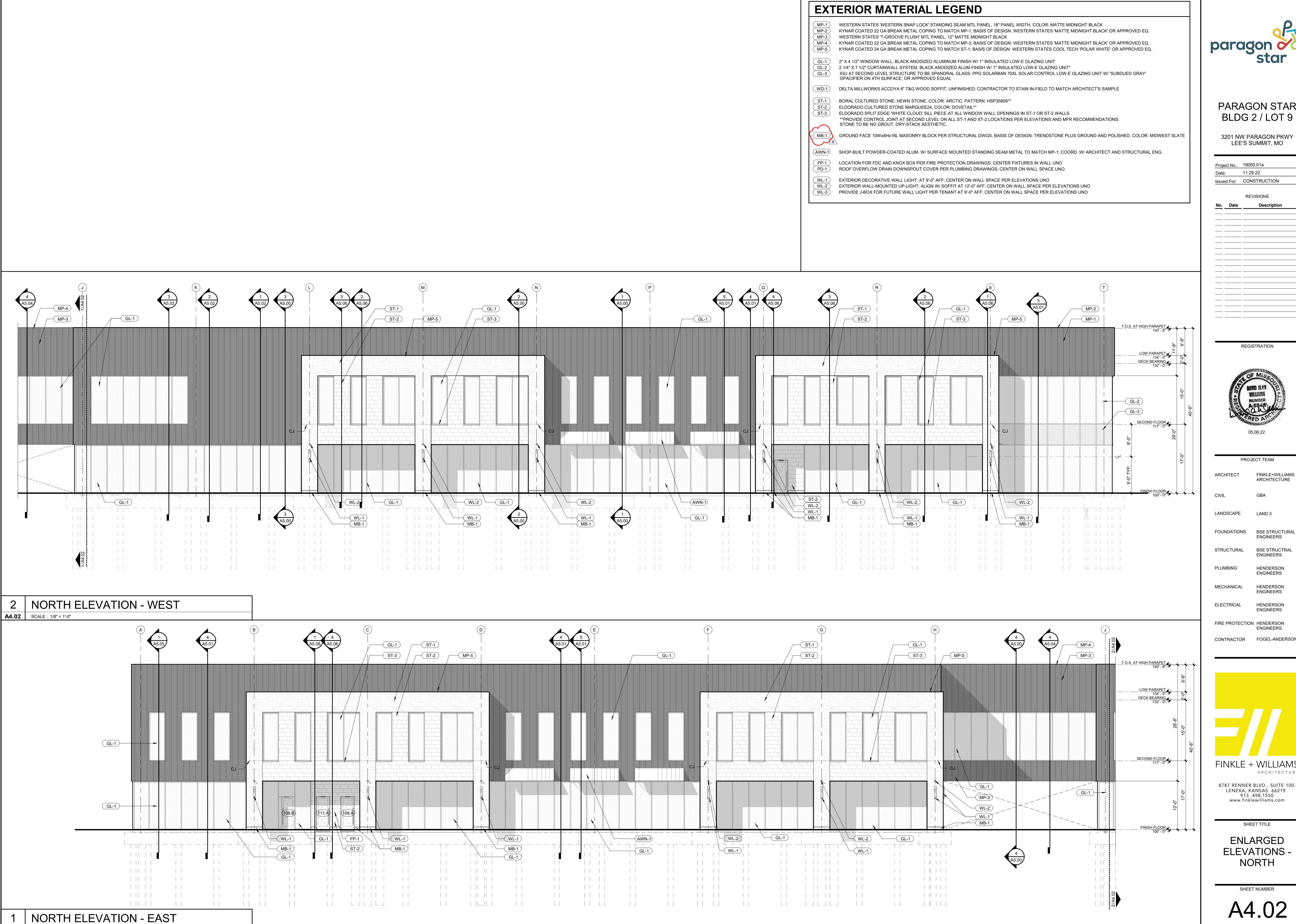
FIRE PROTECTION HENDERSON CONTRACTOR FOGEL-ANDERSON

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EXTERIOR ELEVATIONS

SHEET TITLE



A4.02 SCALE: 1/8" = 1'-0"



PARAGON STAR BLDG 2 / LOT 9

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FOUNDATIONS BSE STRUCTURAL

BSE STRUCTRAL **ENGINEERS**

HENDERSON **ENGINEERS** HENDERSON

HENDERSON

FIRE PROTECTION HENDERSON

CONTRACTOR FOGEL-ANDERSON

ENGINEERS



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SHEET TITLE

ENLARGED ELEVATIONS -NORTH



A4.03 SCALE: 1/8" = 1'-0"



PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY

Project No.: 19050.01a 11.29.22 Issued For: CONSTRUCTION



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FOUNDATIONS BSE STRUCTURAL BSE STRUCTRAL

> **ENGINEERS** HENDERSON **ENGINEERS**

HENDERSON

HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON

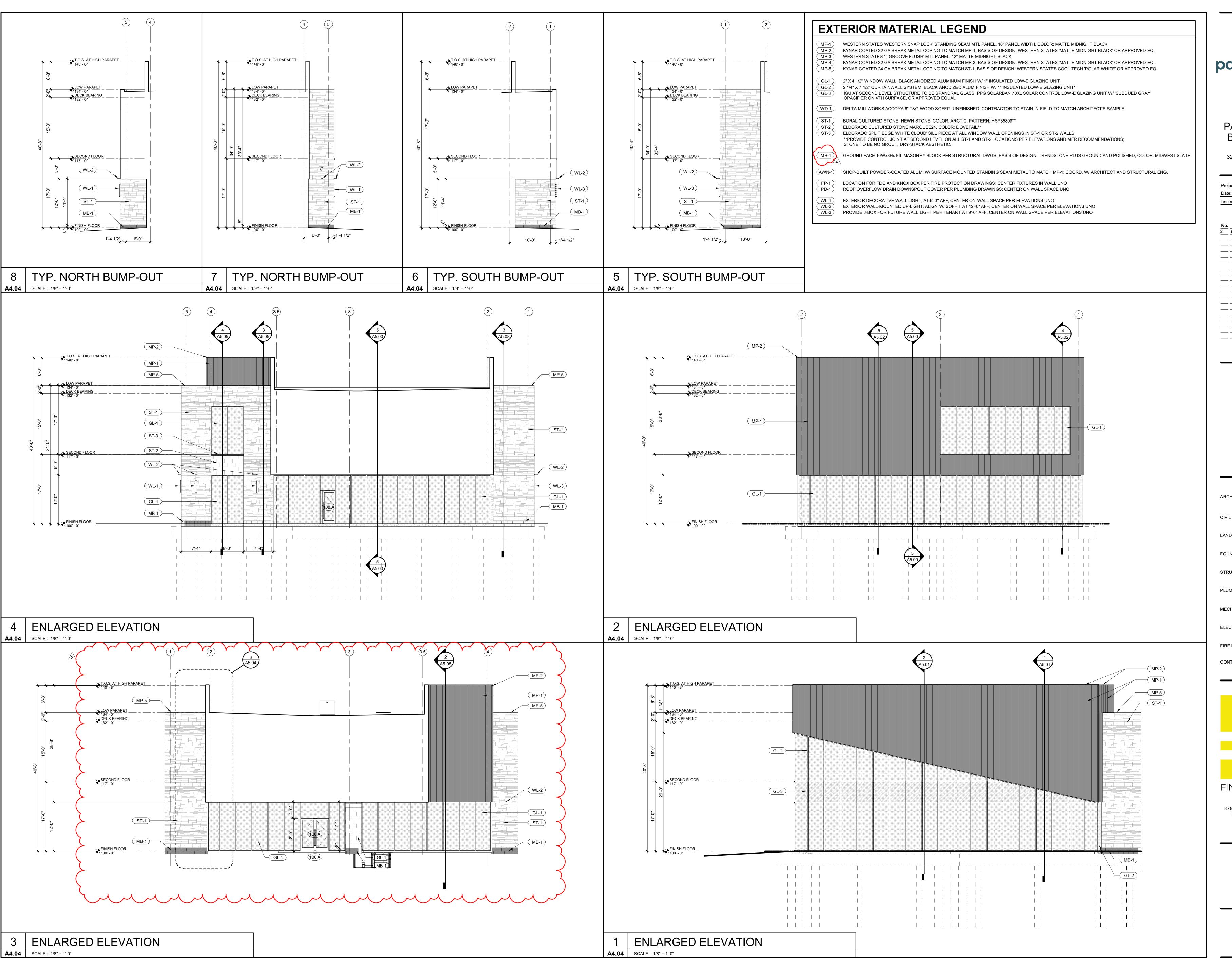
CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS ARCHITECTURE

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SHEET TITLE

ENLARGED **ELEVATIONS -**SOUTH





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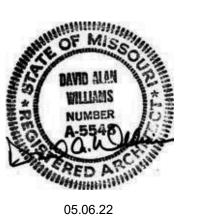
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o. Date Description
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PROJECT TEAM

HITECT FINKLE+WILLIAMS

ARCHITECTURE

CAPE LAND 3

ATIONS BSE STRUCTURAI ENGINEERS

FURAL BSE STRUCTRAL

ENGINEERS

IG HENDERSON
ENGINEERS

ANICAL HENDERSON ENGINEERS

CTRICAL HENDERSON ENGINEERS

FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS

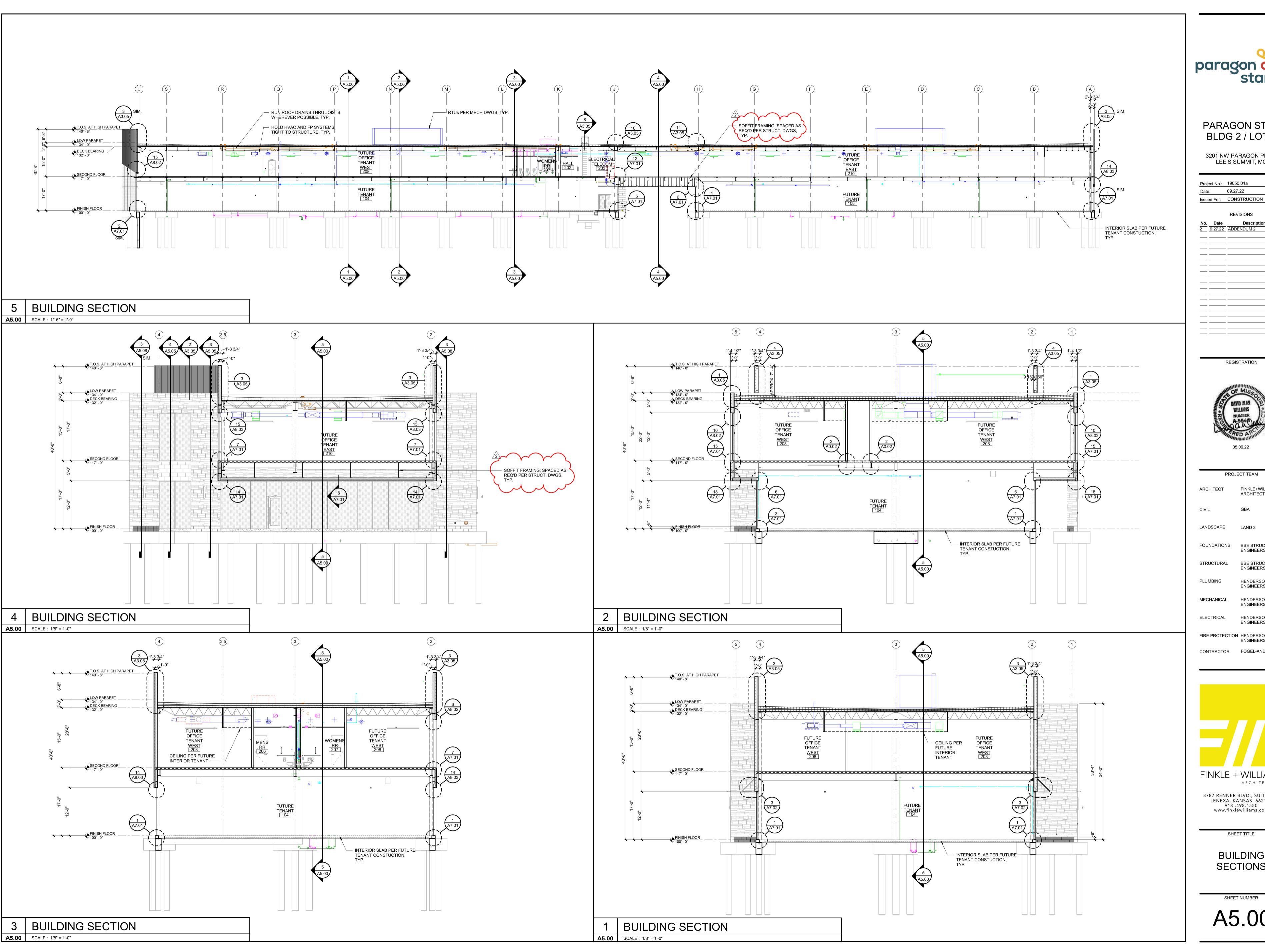
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SHEET TITLE

ENLARGED

ELEVATIONS

A4.04

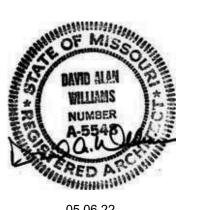




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PROJECT TEAM FINKLE+WILLIAMS

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL

ENGINEERS

HENDERSON

BSE STRUCTRAL STRUCTURAL **ENGINEERS**

PLUMBING HENDERSON **ENGINEERS**

MECHANICAL HENDERSON

ENGINEERS FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON



FINKLE + WILLIAMS ARCHITECTURE

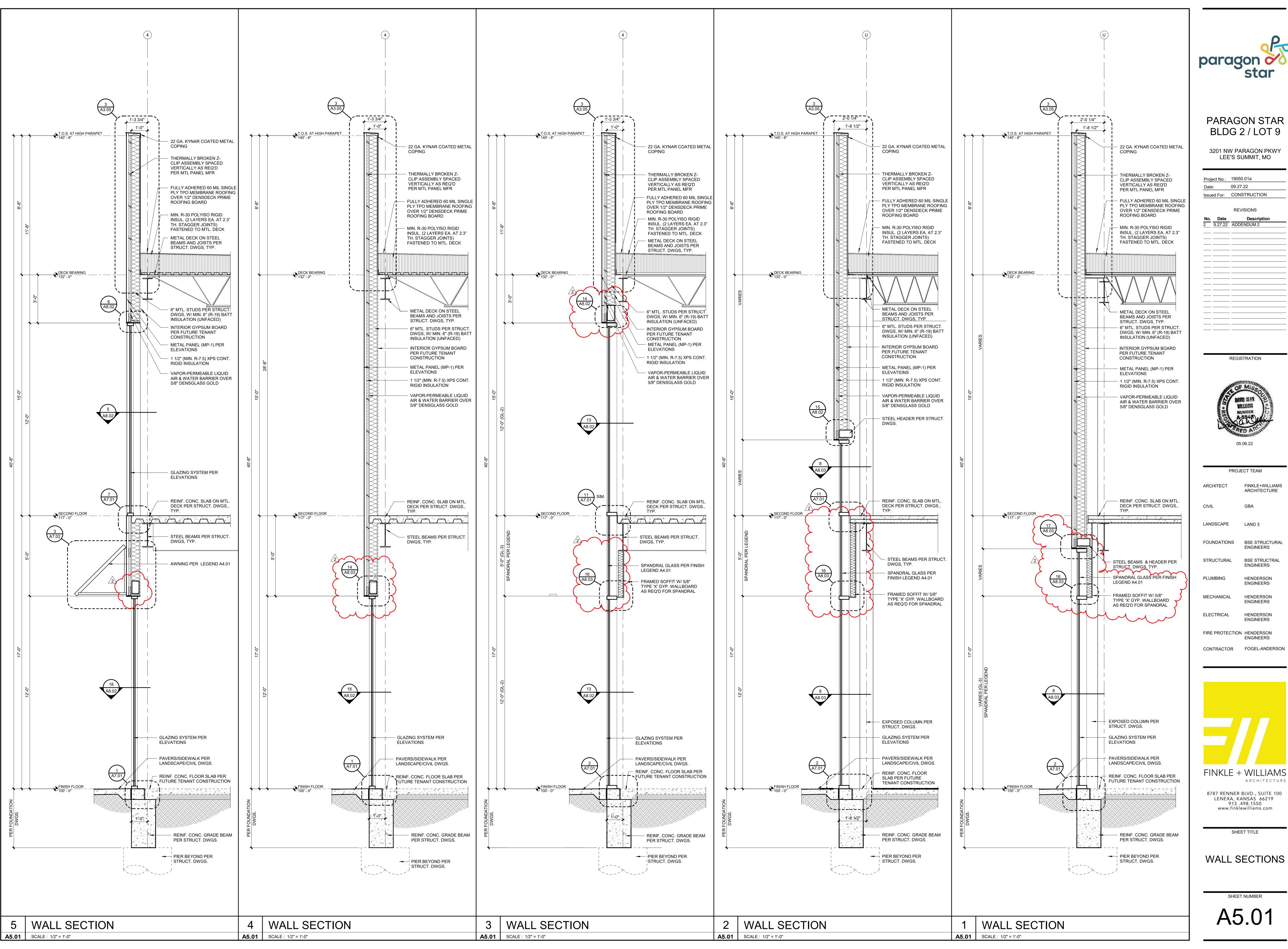
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BUILDING

SHEET TITLE

SECTIONS

SHEET NUMBER A5.00





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LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL **ENGINEERS**

BSE STRUCTRAL **ENGINEERS** HENDERSON

ENGINEERS HENDERSON

HENDERSON **ENGINEERS**

FIRE PROTECTION HENDERSON **ENGINEERS**

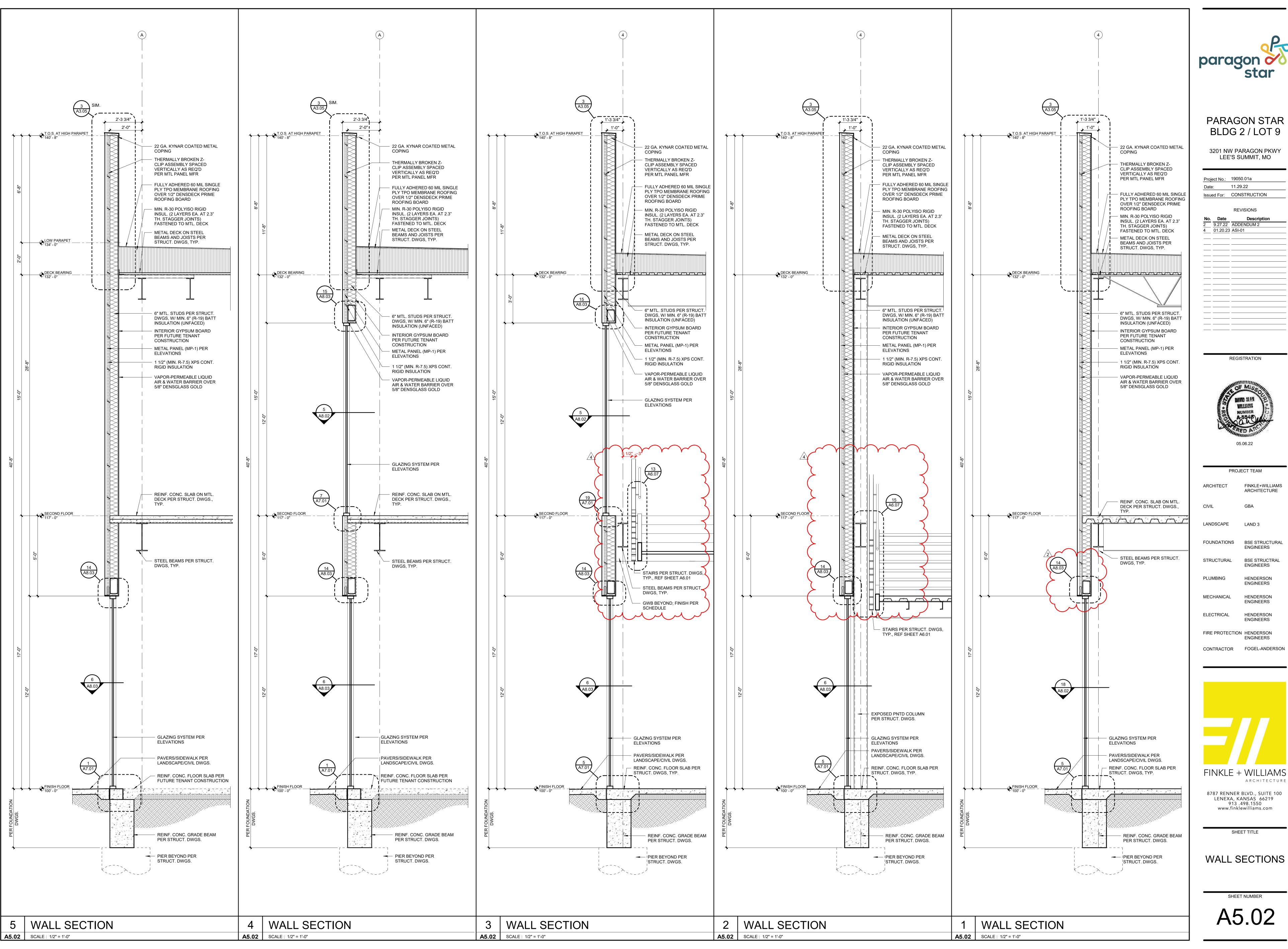
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SHEET NUMBER

A5.01

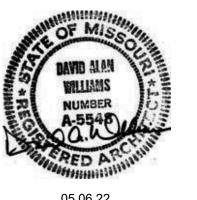




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HENDERSON

HENDERSON **ENGINEERS**

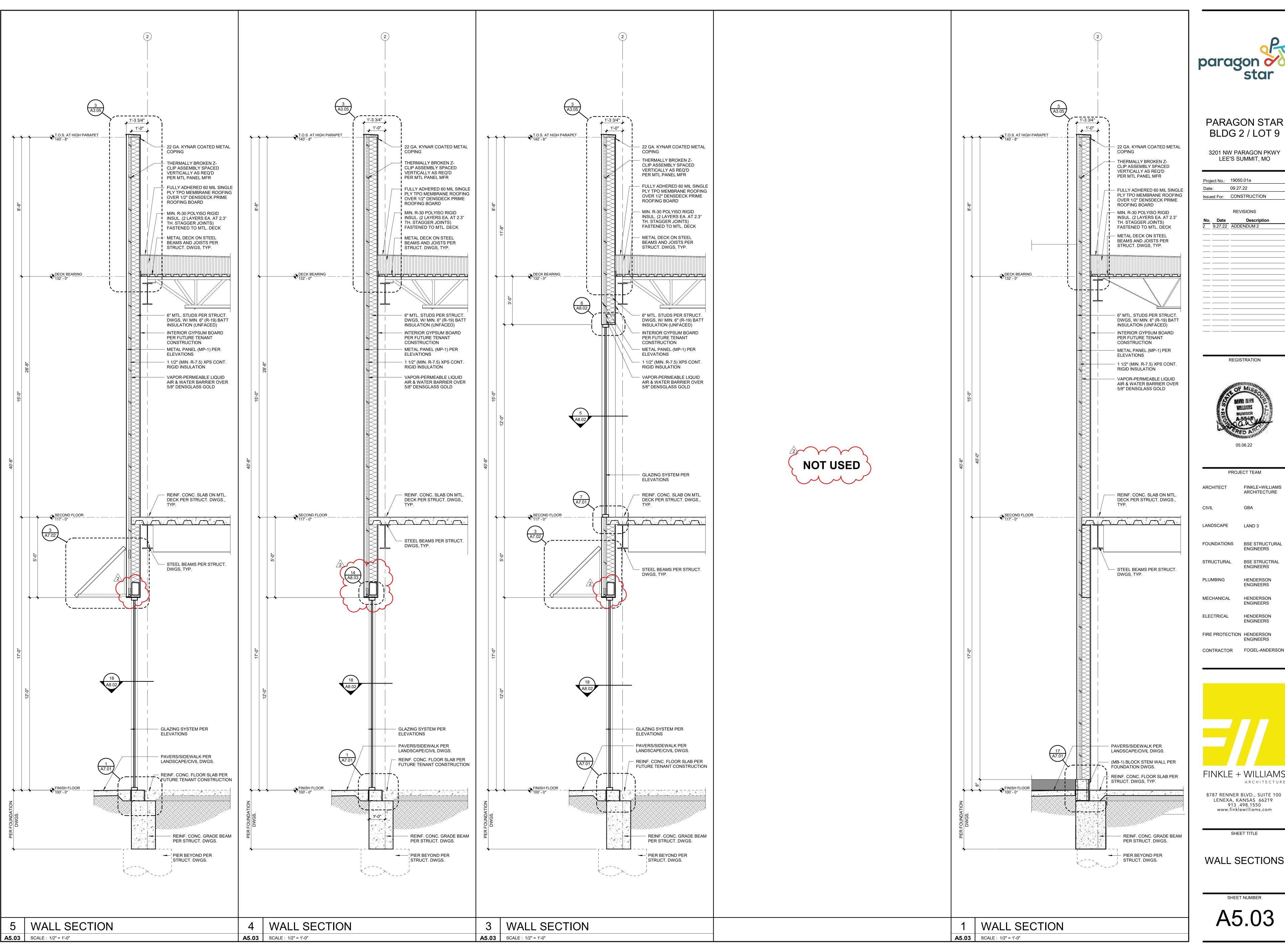
ENGINEERS

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ARCHITECTURE

WALL SECTIONS

A5.02





3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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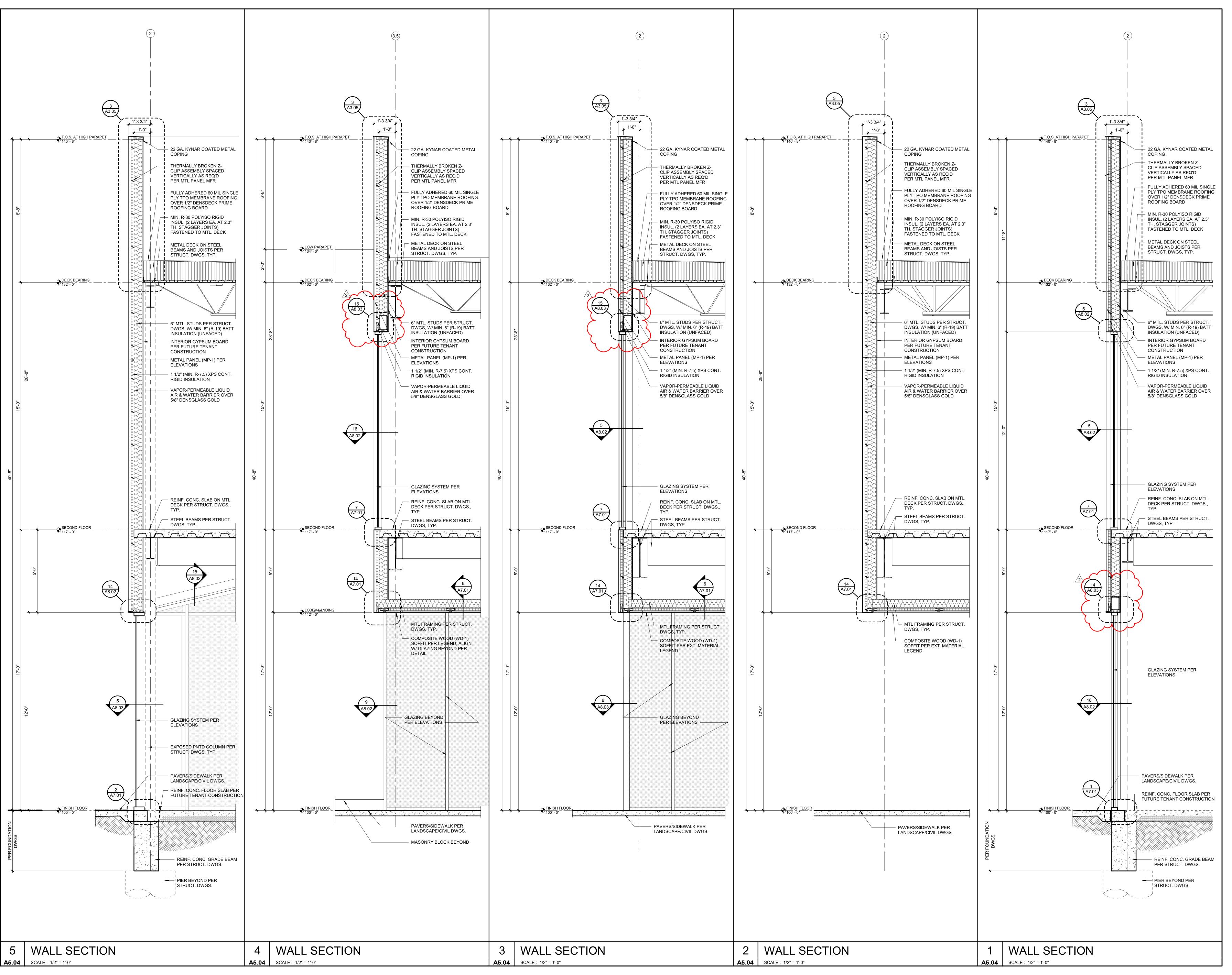
PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON ELECTRICAL HENDERSON **ENGINEERS**



WALL SECTIONS

SHEET TITLE

SHEET NUMBER A5.03

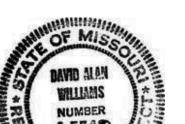


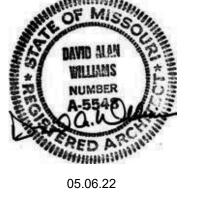


3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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Date) :	09.27.22
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No.	Date	Description
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PROJECT TEAM

ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	LAND 3
FOUNDATIONS	BSE STRUCTURAL ENGINEERS
STRUCTURAL	BSE STRUCTRAL ENGINEERS
PLUMBING	HENDERSON ENGINEERS
MECHANICAL	HENDERSON ENGINEERS
ELECTRICAL	HENDERSON ENGINEERS
FIRE PROTECTION	HENDERSON ENGINEERS



CONTRACTOR FOGEL-ANDERSON

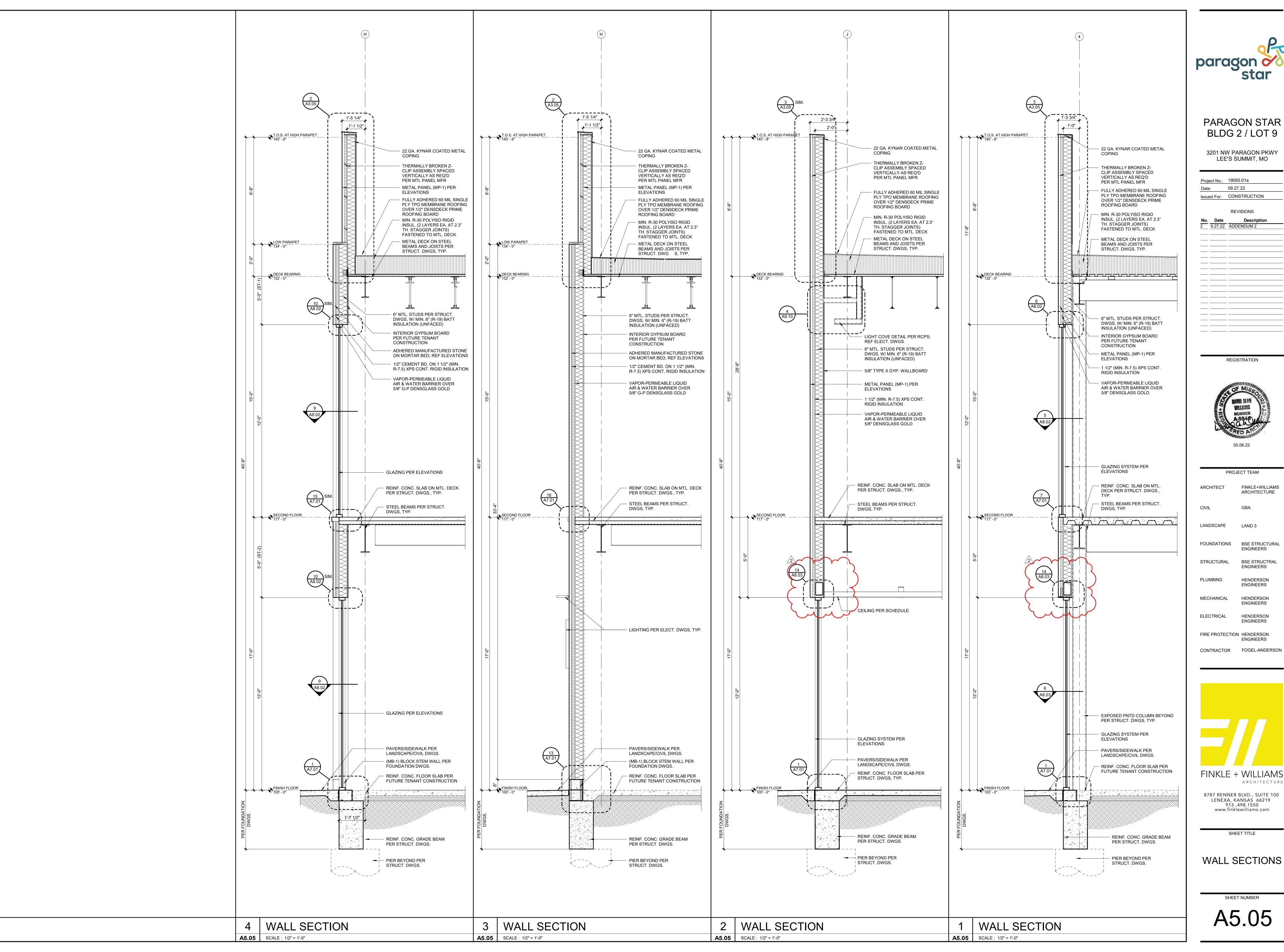
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SHEET TITLE

WALL SECTIONS

SHEET NUMBER

A5.04

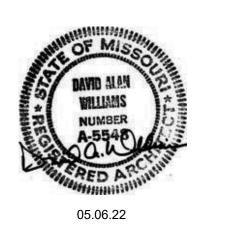




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REGISTRATION



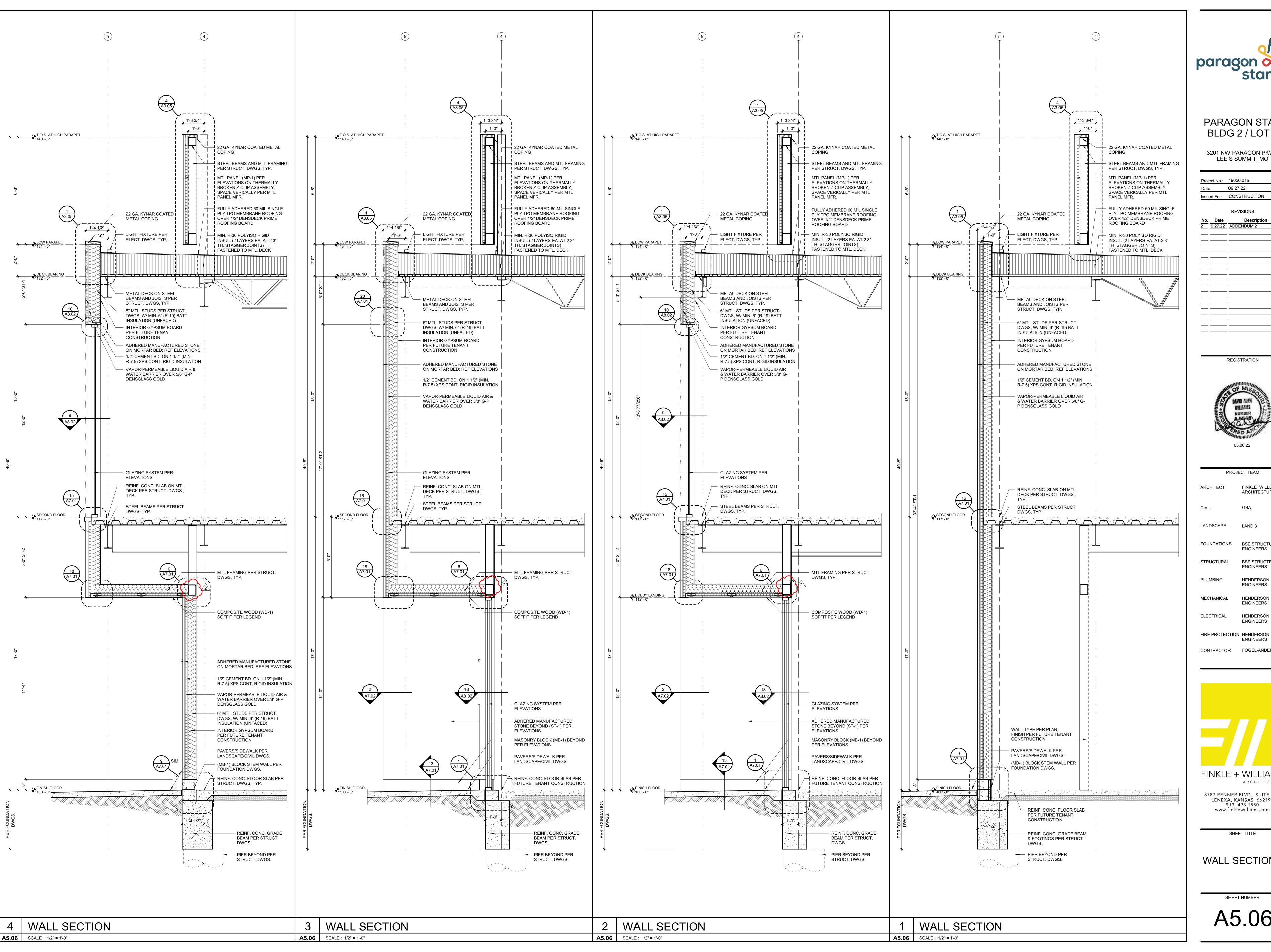
PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON ELECTRICAL HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON



SHEET TITLE

WALL SECTIONS

SHEET NUMBER A5.05



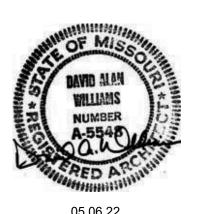


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PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL ENGINEERS

> HENDERSON **ENGINEERS**

MECHANICAL HENDERSON ELECTRICAL HENDERSON **ENGINEERS**

CONTRACTOR FOGEL-ANDERSON

ENGINEERS

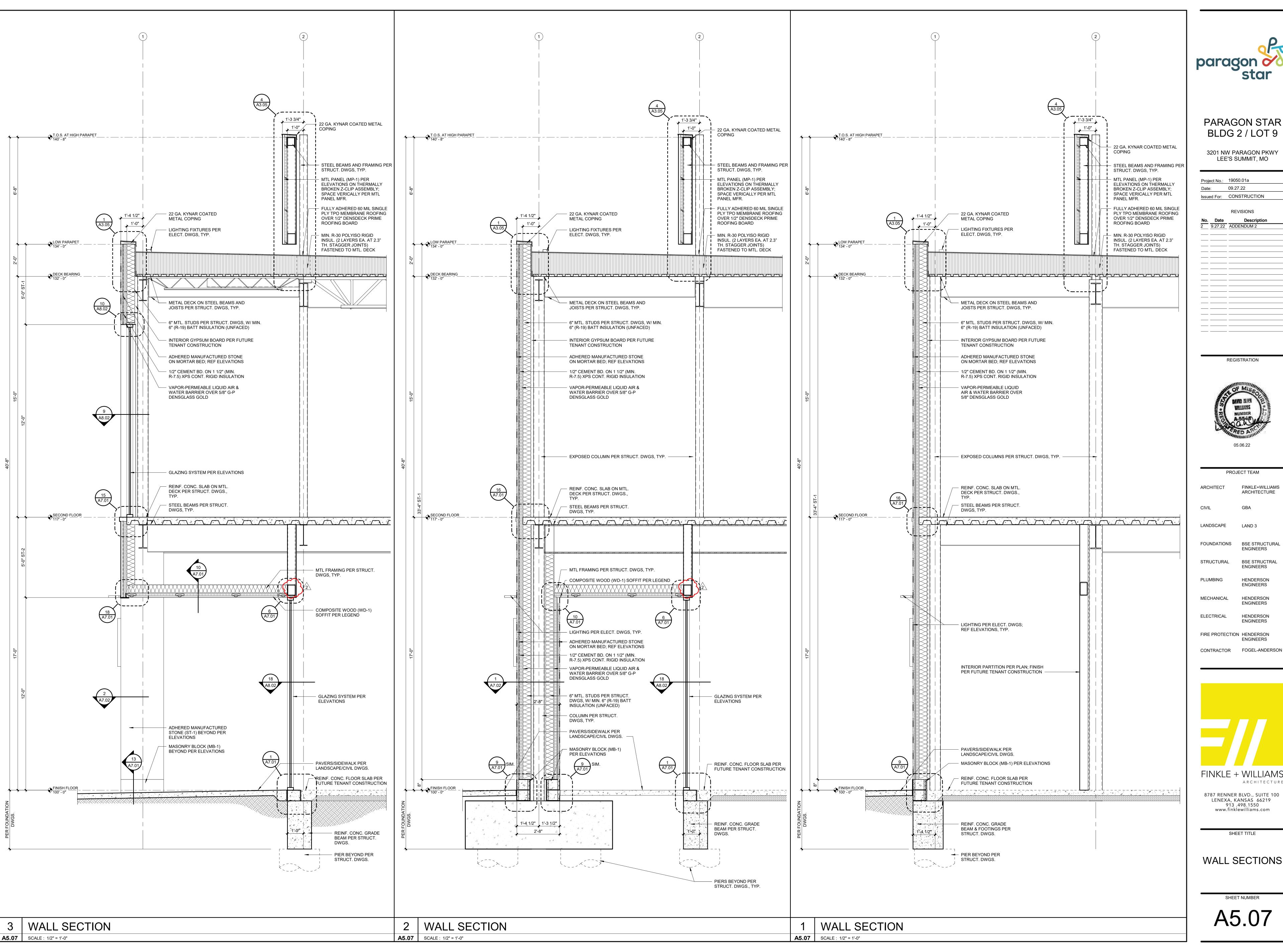


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SHEET TITLE

WALL SECTIONS

A5.06





3201 NW PARAGON PKWY LEE'S SUMMIT, MO

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> BSE STRUCTRAL ENGINEERS

HENDERSON

PROJECT TEAM

PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON **ENGINEERS**

ENGINEERS FIRE PROTECTION HENDERSON **ENGINEERS**

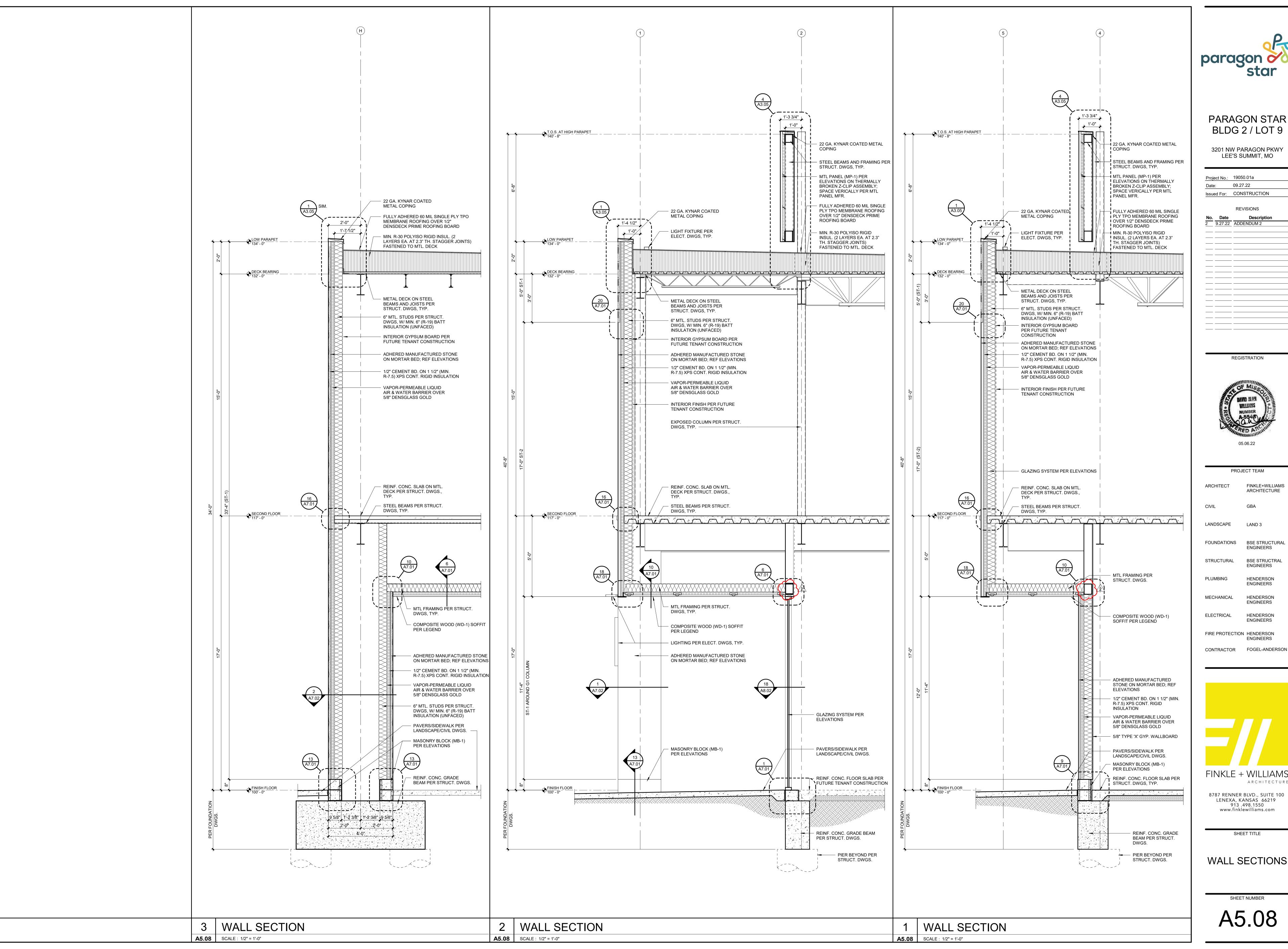
FINKLE + WILLIAMS ARCHITECTURE

8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

WALL SECTIONS

SHEET NUMBER A5.07





3201 NW PARAGON PKWY

Project No.: 19050.01a 09.27.22 Issued For: CONSTRUCTION REVISIONS

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** BSE STRUCTRAL ENGINEERS HENDERSON **ENGINEERS** HENDERSON **ENGINEERS** HENDERSON **ENGINEERS**

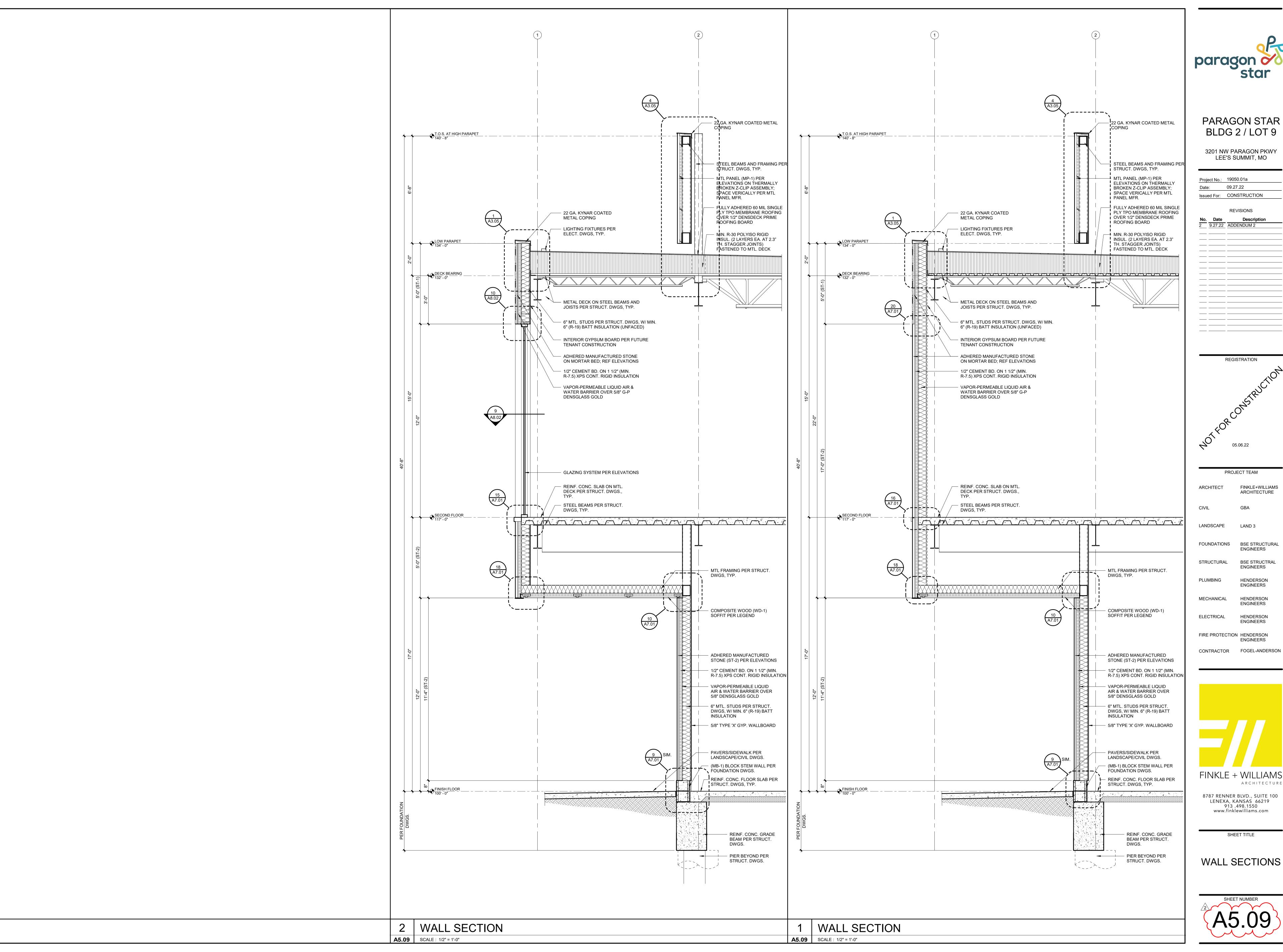
FINKLE + WILLIAMS ARCHITECTURE

ENGINEERS

8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

WALL SECTIONS

A5.08





3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Project No.: 19050.01a 09.27.22 Issued For: CONSTRUCTION REVISIONS

2 9.27.22 ADDENDUM 2

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** BSE STRUCTRAL STRUCTURAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON **ENGINEERS** HENDERSON ELECTRICAL **ENGINEERS**

FINKLE + WILLIAMS ARCHITECTURE

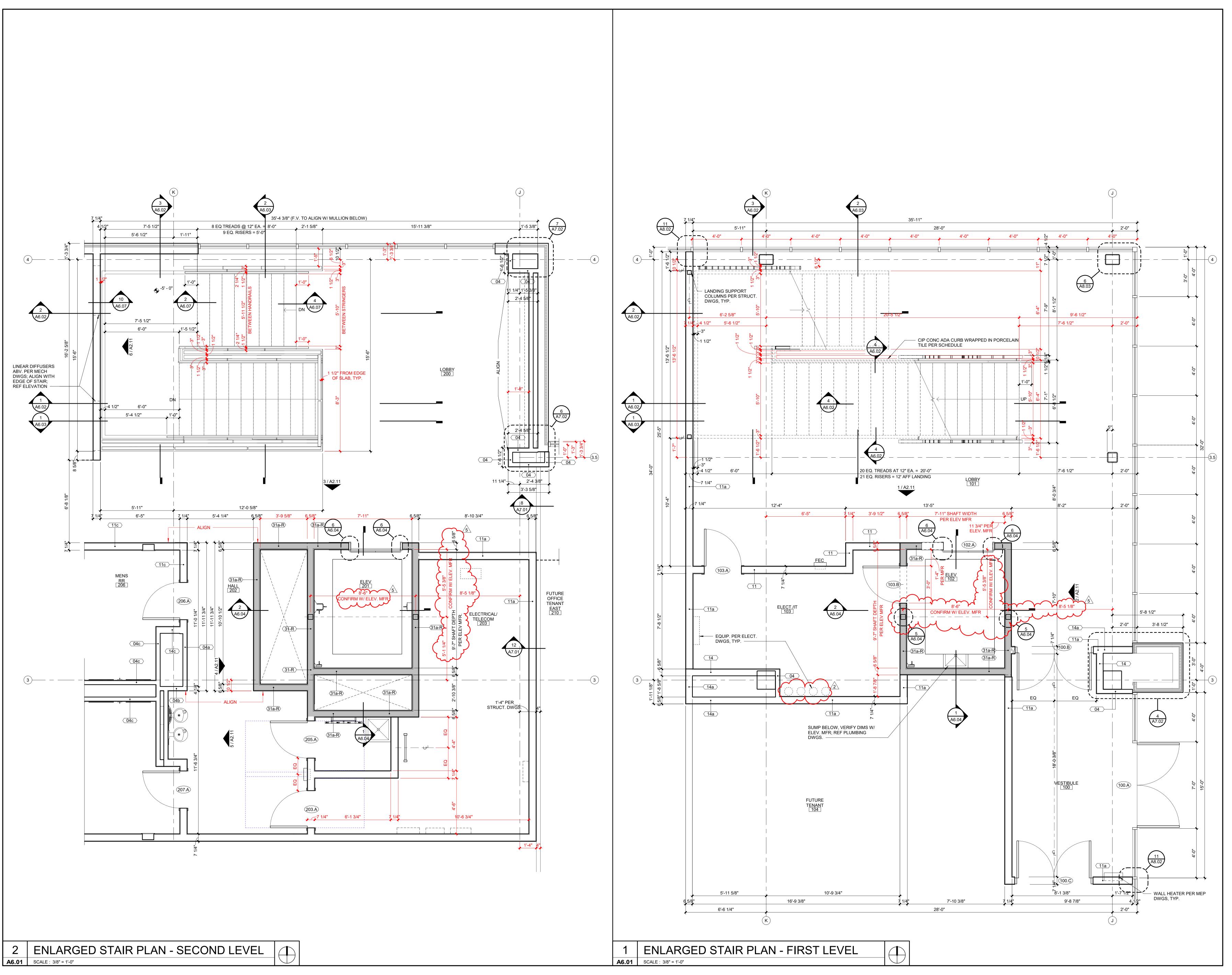
ENGINEERS

8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

WALL SECTIONS



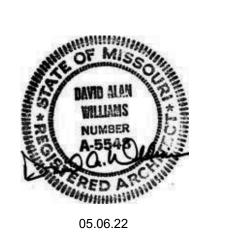




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Proj	ect No.:	19050.01a
		11.29.22
Issu	ed For:	CONSTRUCTION
		REVISIONS
No.	Date	Description
2	9.27.22	ADDENDUM 2
4	01.20.23	ASI-01
5	02.01.23	ASI-02
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REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON ELECTRICAL HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON ENGINEERS

CONTRACTOR FOGEL-ANDERSON

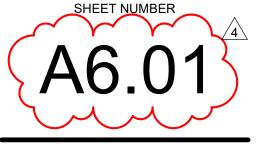


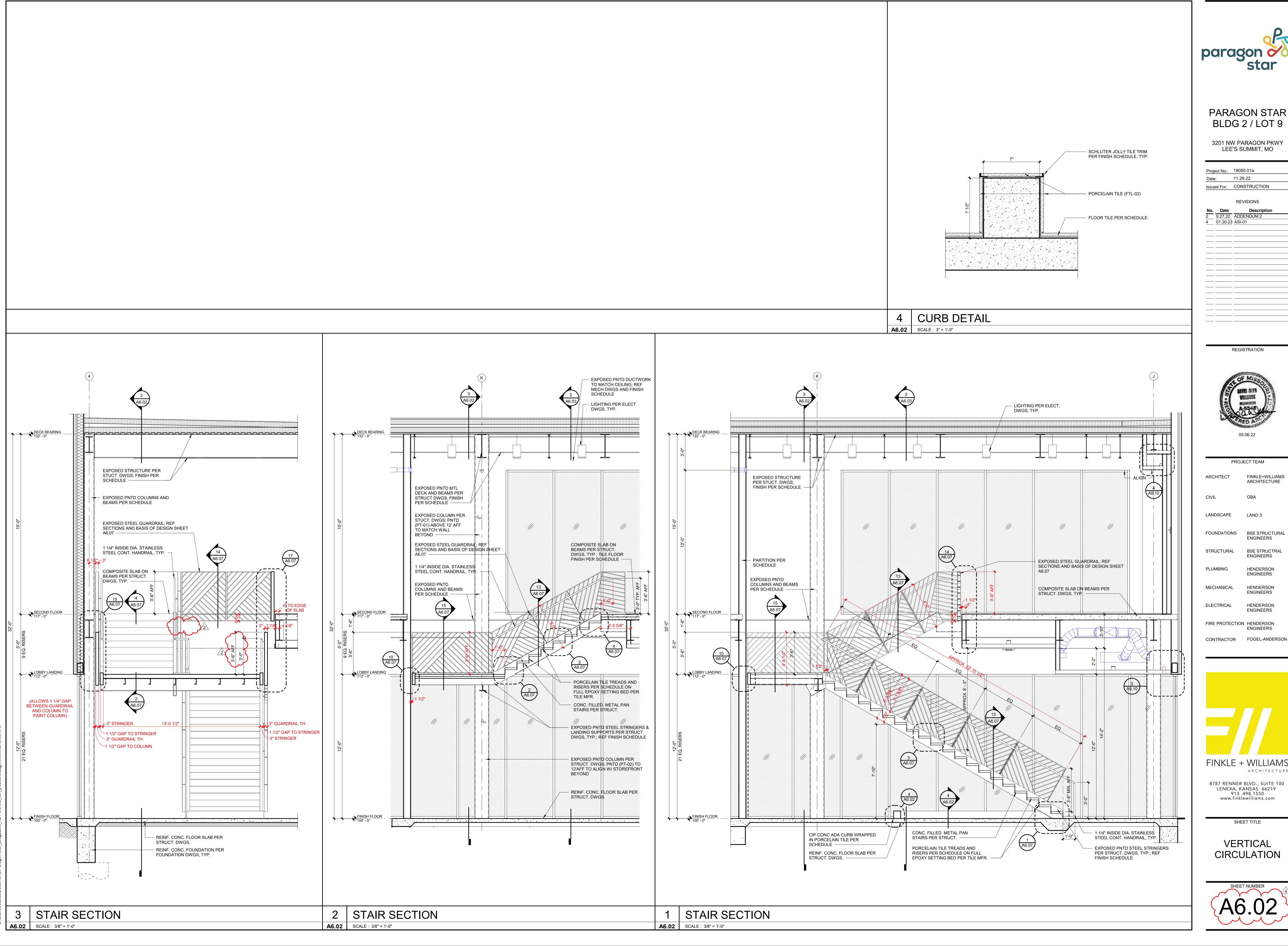
ARCHITECTURE

8787 RENNER BLVD., SUITE 100
LENEXA, KANSAS 66219
913 .498.1550
www.finklewilliams.com

SHEET TITLE

VERTICAL CIRCULATION







3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Project No.: 19050.01a 11.29.22 Issued For: CONSTRUCTION REVISIONS

4 01.20.23 ASI-01

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL **ENGINEERS**

> BSE STRUCTRAL **ENGINEERS** HENDERSON

ENGINEERS HENDERSON **ENGINEERS**

ENGINEERS FIRE PROTECTION HENDERSON **ENGINEERS**

HENDERSON

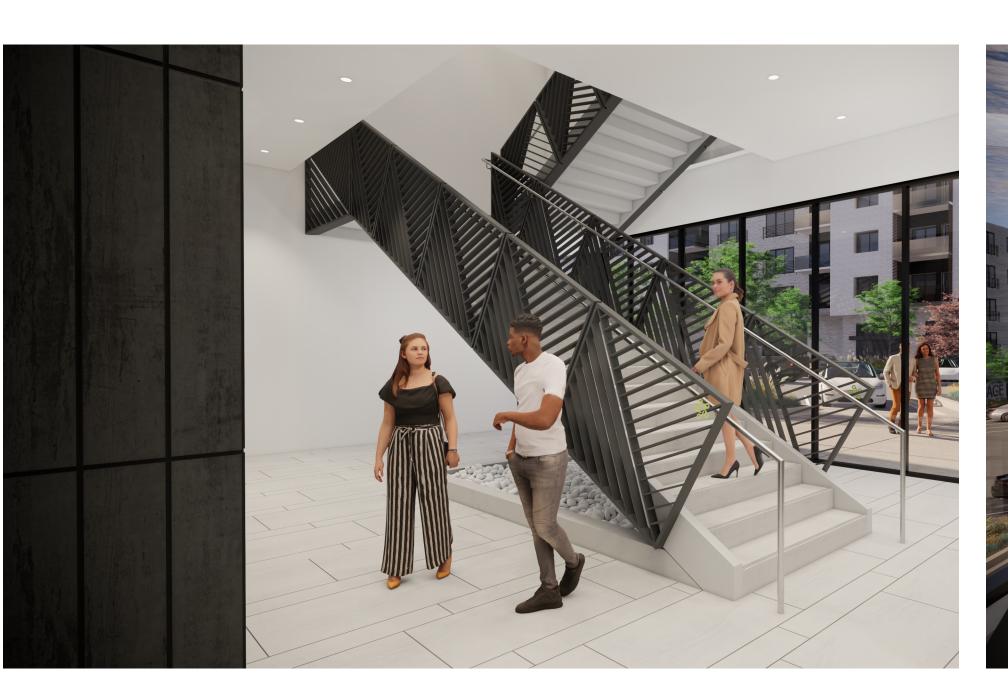


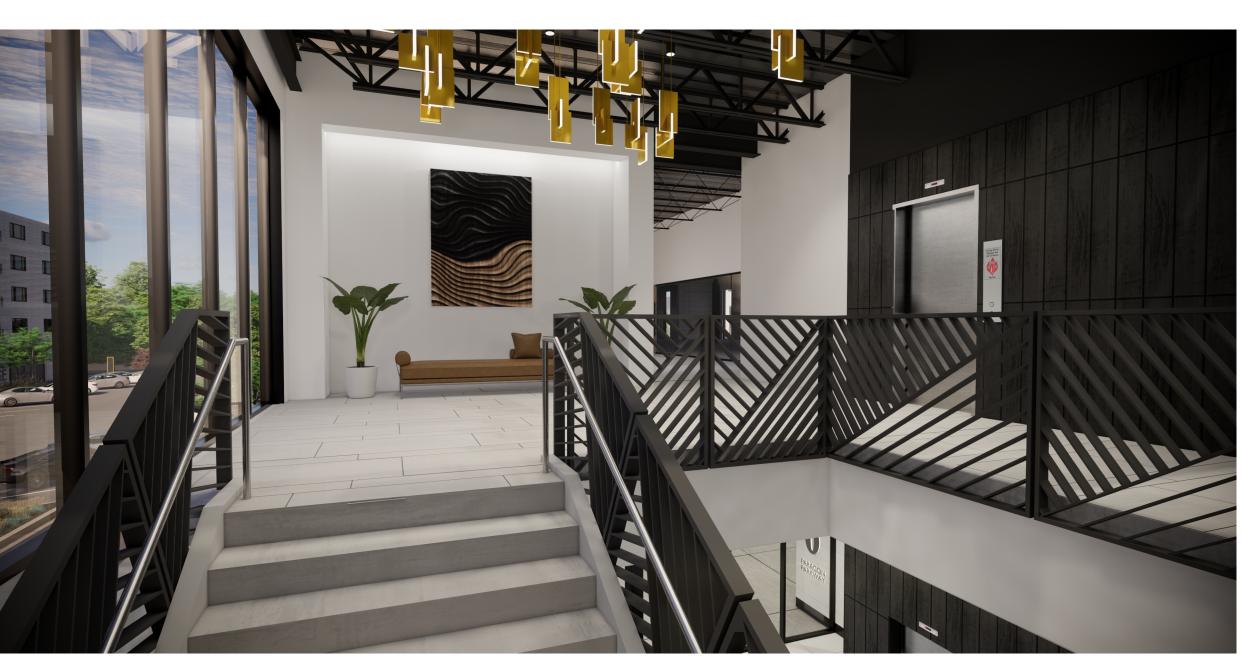
FINKLE + WILLIAMS ARCHITECTURE

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VERTICAL CIRCULATION

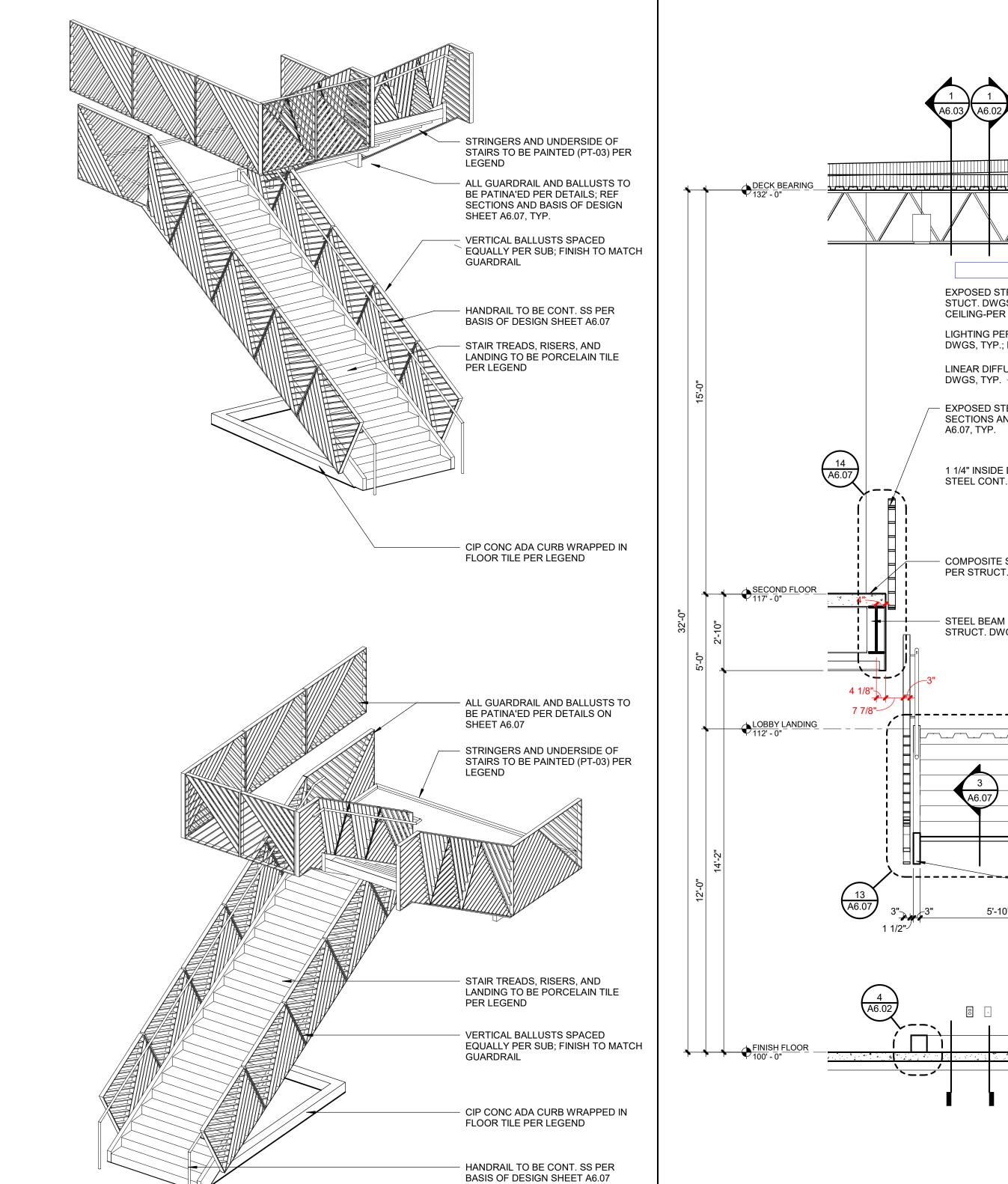
SHEET TITLE







INTERIOR STAIR RENDERINGS *THESE IMAGES ARE INTENDED FOR REFERENCE ONLY; MAY NOT ACCURATELY REFLECT CURRENT DESIGN. DISCUSS ANY DISCREPENCIES WITH ARCHITECT AND OWNER PRIOR TO FABRICATION.



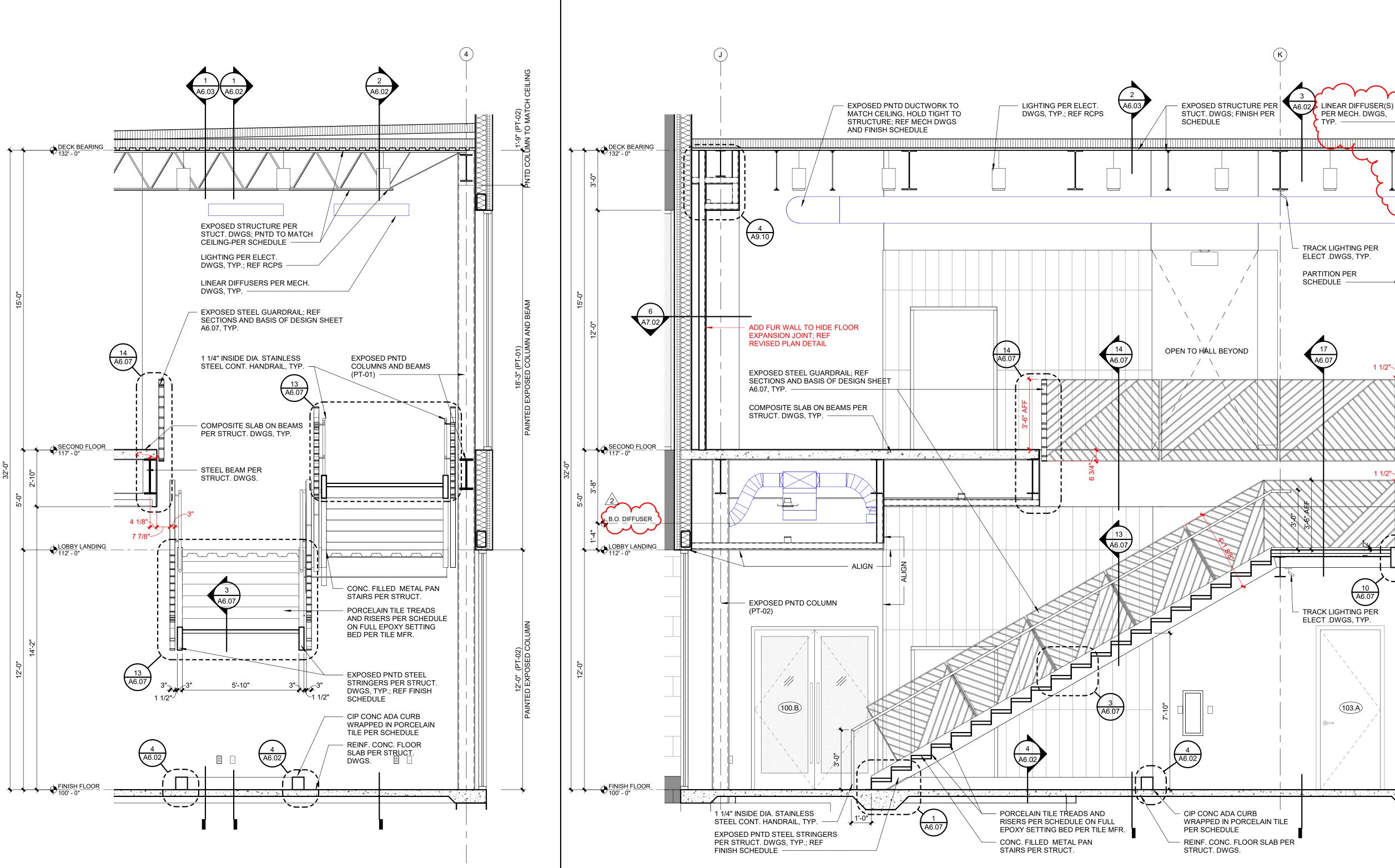
STAIR SECTION

A6.03 SCALE: 3/8" = 1'-0"

SUBCONTRACTOR TO COORD. W/ ARCHITECT AND STRUCTURAL ENGINEER ON FINISH AND ATTACHMENT METHODS

LOBBY STAIR AXON VIEWS

A6.03 SCALE:



STAIR SECTION

A6.03 | SCALE: 3/8" = 1'-0"



PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Proj	ect No.:	19050.01a
Date	e:	11.29.22
Issu	ed For:	CONSTRUCTION
No. Date		REVISIONS
No.	Date	Description
2		
2		Description ADDENDUM 2
2	9.27.22	Description ADDENDUM 2
	9.27.22	Description ADDENDUM 2
2	9.27.22	Description ADDENDUM 2

PROJE	ECT TEAM
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	LAND 3
FOUNDATIONS	BSE STRUCTURAL ENGINEERS
STRUCTURAL	BSE STRUCTRAL ENGINEERS
PLUMBING	HENDERSON ENGINEERS

ELECTRICAL HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON **ENGINEERS** CONTRACTOR FOGEL-ANDERSON

HENDERSON

ENGINEERS

MECHANICAL



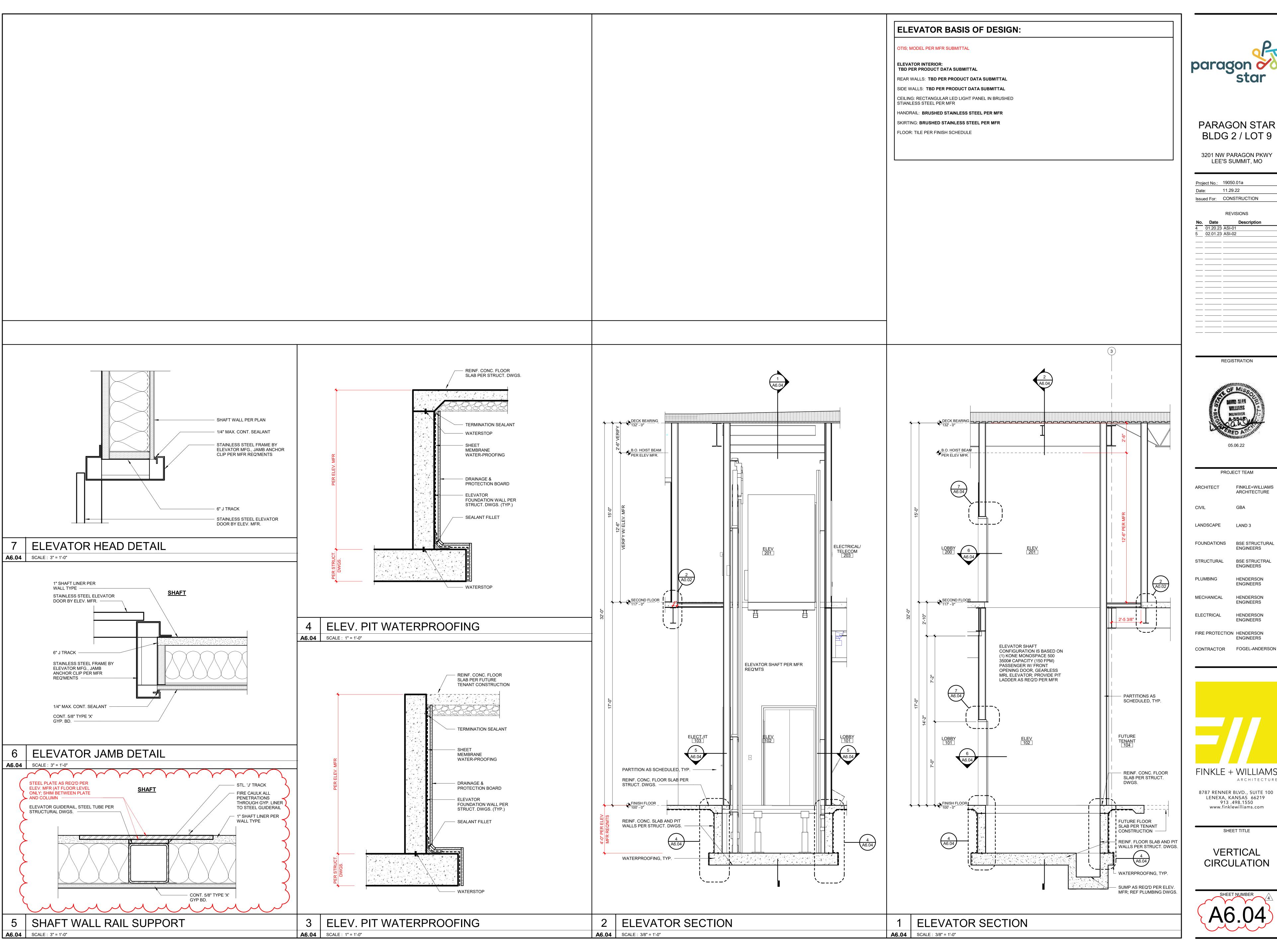
FINKLE + WILLIAMS ARCHITECTURE 8787 RENNER BLVD., SUITE 100

LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

VERTICAL CIRCULATION



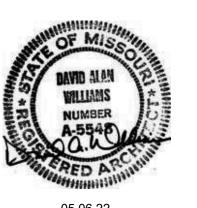




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Proj	ect No.:	19050.01a
Date:		11.29.22
Issu	ed For:	CONSTRUCTION
		REVISIONS
No.	Date	Description
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4	01.20.23	ASI-U I
	01.20.23	
<u>4</u> 5		

REGISTRATION



PROJE	CT TEAM
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	LAND 3
FOUNDATIONS	BSE STRUCTURAL ENGINEERS
STRUCTURAL	BSE STRUCTRAL ENGINEERS
PLUMBING	HENDERSON ENGINEERS
MECHANICAL	HENDERSON ENGINEERS
ELECTRICAL	HENDERSON ENGINEERS
	LIENDEDOON

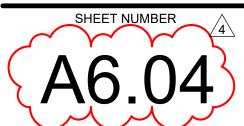
ENGINEERS

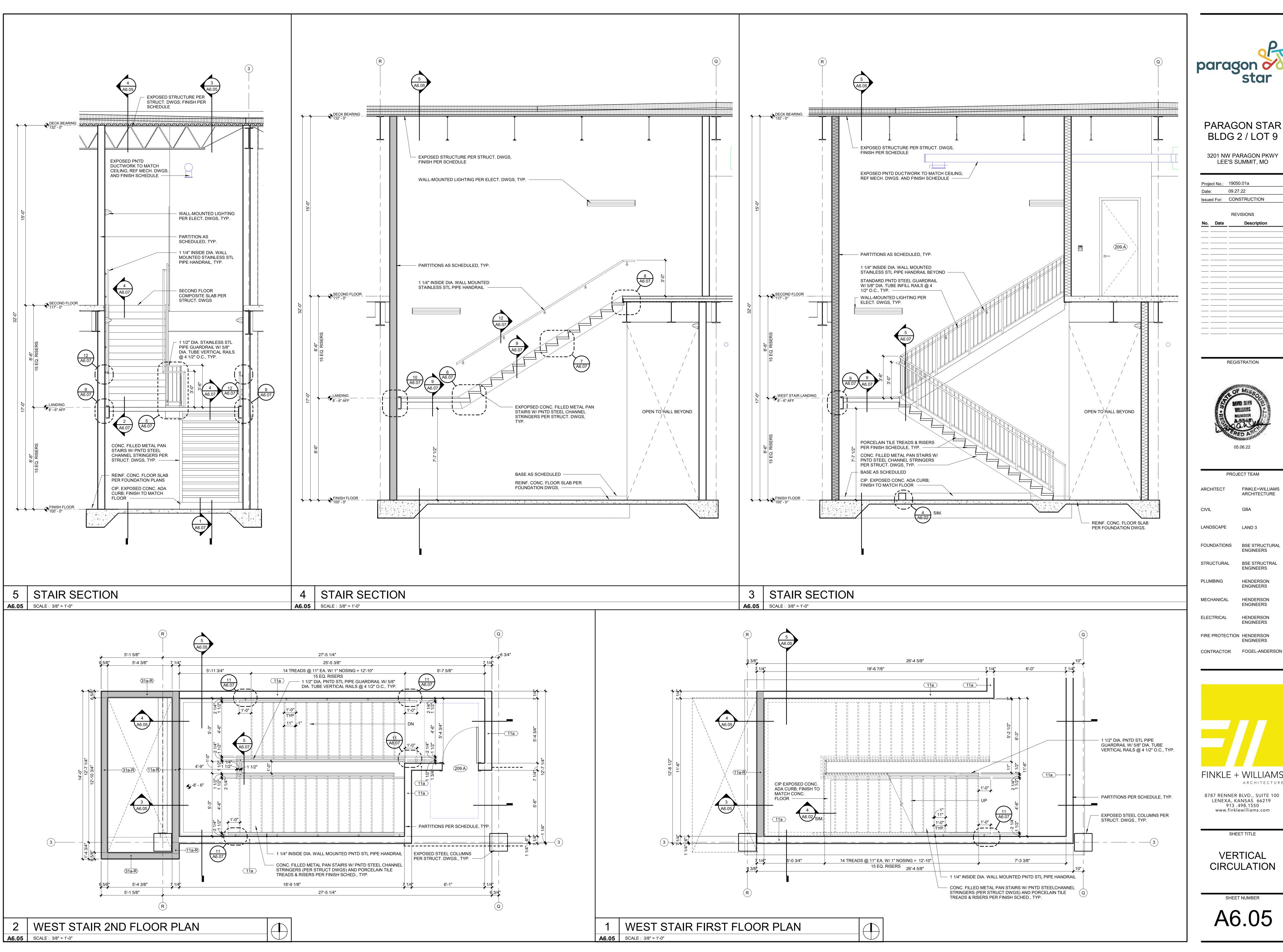
FINKLE + WILLIAMS ARCHITECTURE

8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

VERTICAL CIRCULATION



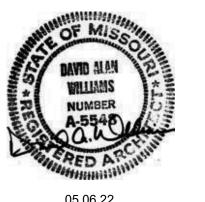




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

09.27.22 Issued For: CONSTRUCTION

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE

LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS**

BSE STRUCTRAL STRUCTURAL **ENGINEERS** PLUMBING HENDERSON

ENGINEERS

ENGINEERS

MECHANICAL HENDERSON HENDERSON

FIRE PROTECTION HENDERSON **ENGINEERS**

FINKLE + WILLIAMS

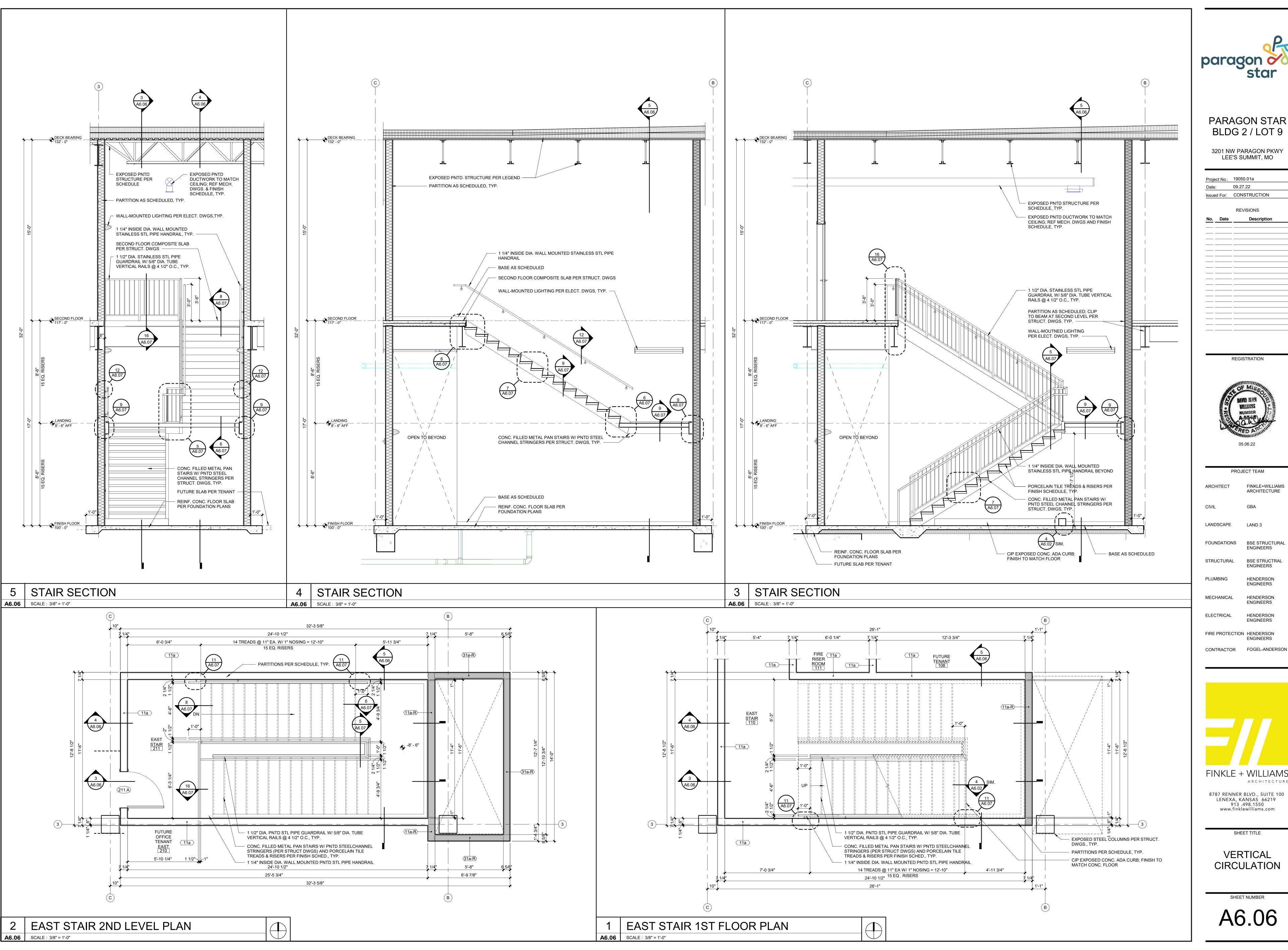
ARCHITECTURE 8787 RENNER BLVD., SUITE 100

LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

VERTICAL CIRCULATION

SHEET NUMBER A6.05

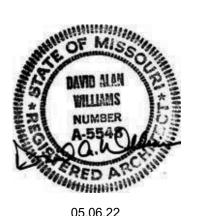




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

09.27.22 Issued For: CONSTRUCTION

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

LANDSCAPE LAND 3

> BSE STRUCTURAL **ENGINEERS**

BSE STRUCTRAL STRUCTURAL **ENGINEERS**

PLUMBING HENDERSON **ENGINEERS**

MECHANICAL HENDERSON ELECTRICAL HENDERSON

FIRE PROTECTION HENDERSON **ENGINEERS**

ENGINEERS

ARCHITECTURE

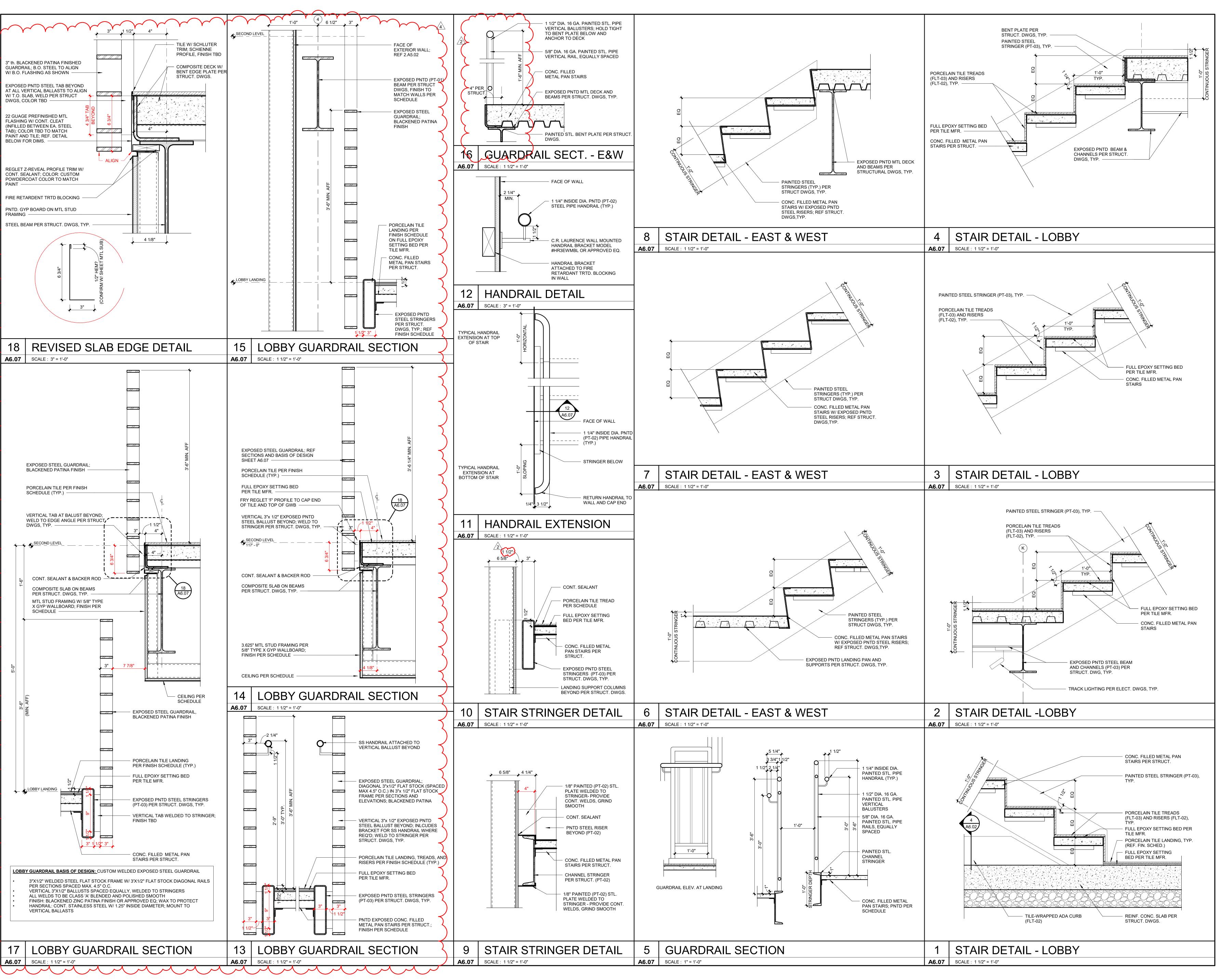
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SHEET TITLE

VERTICAL CIRCULATION

SHEET NUMBER

A6.06





3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

Project No.: 19050.01a

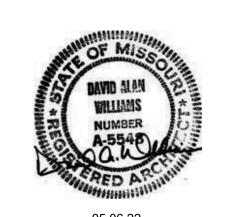
Date: 11.29.22

Issued For: CONSTRUCTION

REVISIONS

No. Date Description
2 9.27.22 ADDENDUM 2
4 01.20.23 ASI-01

REGISTRATION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE CIVIL LANDSCAPE LAND 3 **FOUNDATIONS** BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS MECHANICAL** HENDERSON **ENGINEERS** HENDERSON ELECTRICAL **ENGINEERS** FIRE PROTECTION HENDERSON

ENGINEERS

CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS

ARCHITECTURE

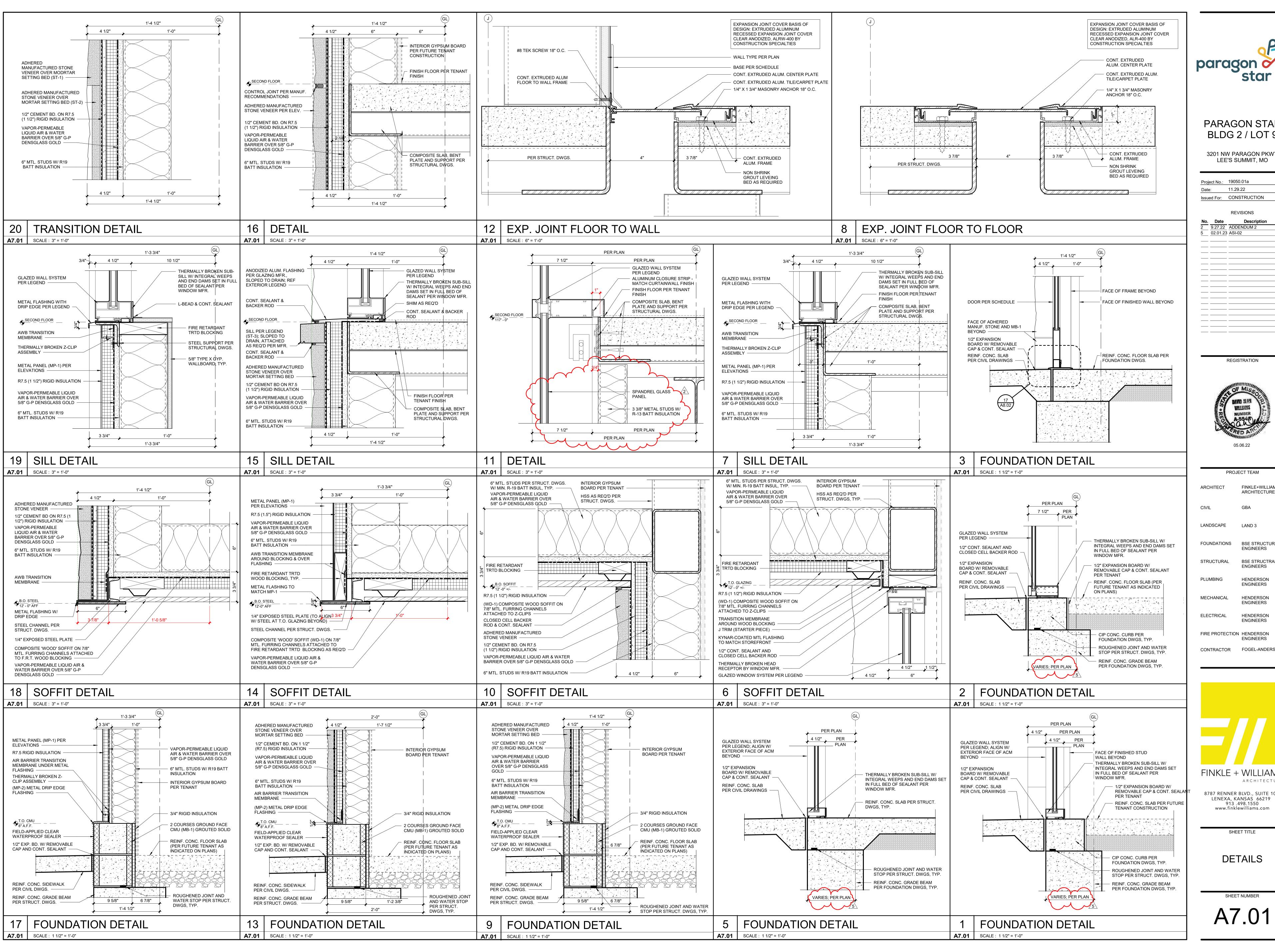
8787 RENNER BLVD., SUITE 100

LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

VERTICAL CIRCULATION DETAILS

A6.07





3201 NW PARAGON PKWY

Issued For: CONSTRUCTION REVISIONS

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

> LAND 3 BSE STRUCTURAL **ENGINEERS**

HENDERSON **ENGINEERS** HENDERSON

HENDERSON **ENGINEERS**

ENGINEERS CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS

ARCHITECTURE 8787 RENNER BLVD., SUITE 100

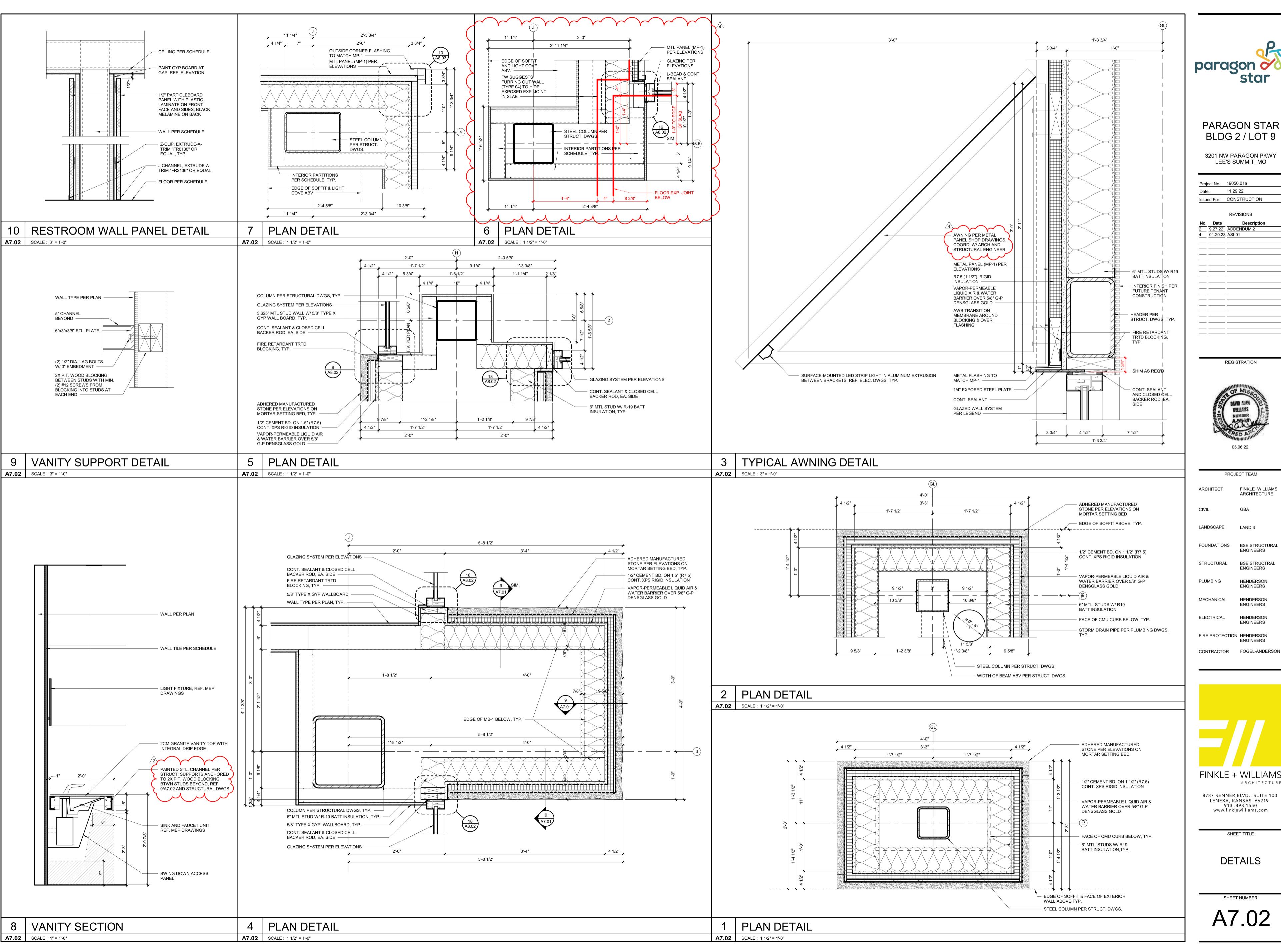
LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

DETAILS

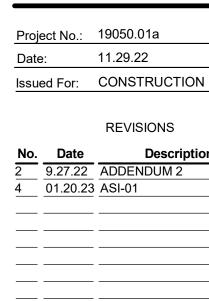
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A7.01

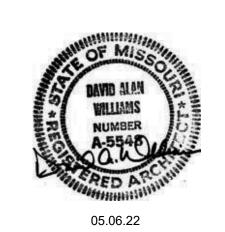




3201 NW PARAGON PKWY LEE'S SUMMIT, MO



REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE CIVIL LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** BSE STRUCTRAL STRUCTURAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON ELECTRICAL HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON **ENGINEERS**

FINKLE + WILLIAMS ARCHITECTURE

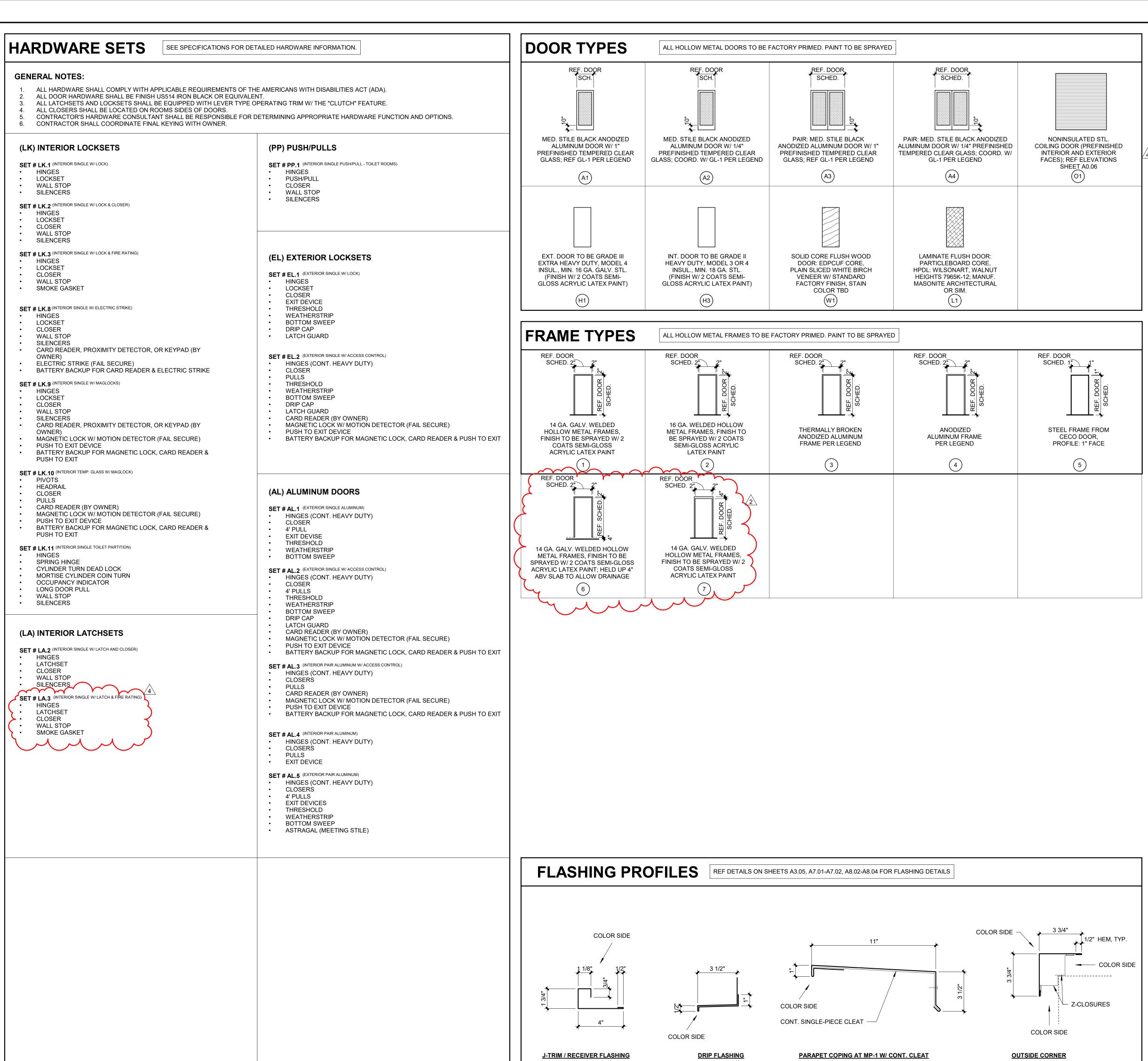
8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550

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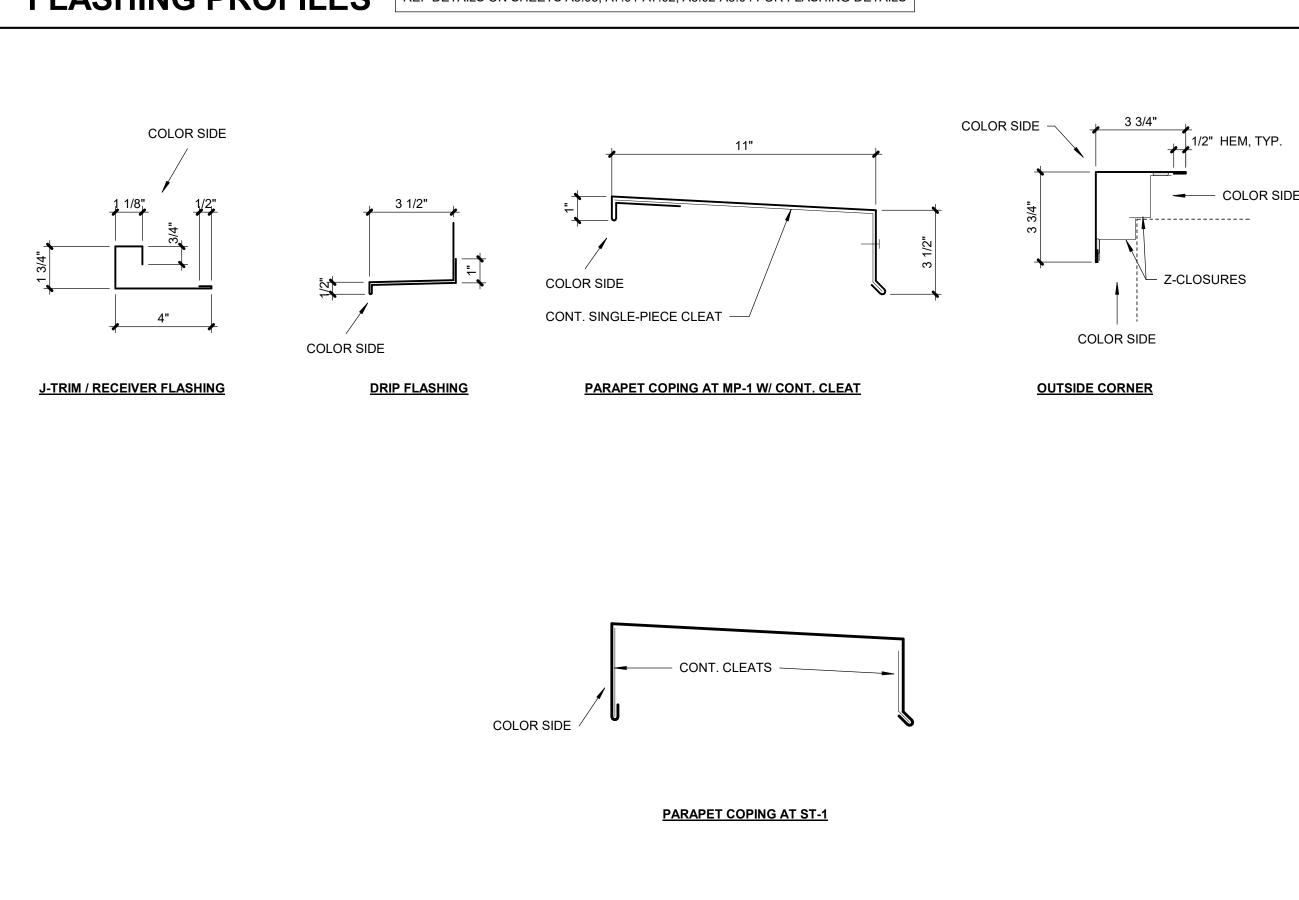
SHEET TITLE

DETAILS

SHEET NUMBER A7.02



							000	RA	ND	FRAN	ME SCH	HEDUL	.E		
	1			DC	OOR			FRA	ME			DETAILS			
				SIZE											
		NO.	W.	H.	Th.	TYPE	MAT.	TYPE	MAT.	RATING	JAMB	HEAD	SILL	HARDWARE	REMARKS
		100.A	6' - 10"	8' - 0"	1 3/4"	A3	AL	-	AL	-	11 & 18/A8.02	6/A7.01	3/A7.01	AL.5	
		100.B	6' - 0"	8' - 0"	1 3/4"	A4	AL	4	AL	-	1/A8.03	2/A8.03	-	AL.3	
		100.C	6' - 0"	8' - 0"	1 3/4"	A4	AL	4	AL	-	1/A8.03	2/A8.03	-	AL.3	
		102.A	3' - 6"	8' - 0"	MFR	MFR	MFR	MFR	MFR	-	6/A6.04	7/A6.04	MFR	MFR	ELEV
)		103.A	3' - 0"	8' - 0"	1 3/4"	НЗ	НМ	2	НМ	-	3/A8.03	4/A8.03	-	LK.2	
	4	103.B	3' - 0"	8' - 0"	1 3/4"	НЗ	НМ	2	НМ	45 MIN.	3/8.03 SIM	4/8.03 SIM	-	LK.3	(5)
		104.A	3' - 9"	8' - 0"	1 3/4"	A3	AL	-	AL	-	18/A8.02	6/A7.01	3/A7.01	AL.1	
		105.A	3' - 0"	8' - 0"	1 3/4"	A1	AL	3	AL	-	7/A8.02	8/A8.02	3/A7.01	AL.1	
	┤ 	106.A	3' - 0"	8' - 0"	1 3/4"	H3	НМ	2	НМ	-	3/A8.03	4/A8.03	-	LK.9	
		107.A	4' - 0"	8' - 0"	1 3/4"	H1	НМ	1	НМ	-	3/A8.02	4/A8.02	17/A8.02	EL.2	(4)
		108.A	3' - 0"	8' - 0"	1 3/4"	A1	AL	-	AL	-	9/A8.02	6/A7.01	3/A7.01	AL.1	
		108.B	3' - 0"	8' - 0"	1 3/4"	A1	AL	3	AL	-	9 & 18/A8.02	6/A7.01	3/A7.01	AL.1	
		109.A	3' - 0"	8' - 0"	1 3/4"	A1	AL	3	AL	-	7/A8.02	8/A8.02	3/A7.01	AL.1	
		110.A	3' - 0"	8' - 0"	1 3/4"	H3	НМ	2	НМ	-	3/A8.03	4/A8.03	-	LK.9	
		111.A	3' - 0"	8' - 0"	1 3/4"	A1	AL	3	AL	-	7/A8.02	8/A8.02	3/A7.01	AL.2	
		112.A	4' - 0"	8' - 0"	1 3/4"	H1	НМ	1	НМ	-	3/A8.02	4/A8.02	17/A8.02	EL.2	(4)
		113.A	4' - 0"	8' - 0"	1 3/4"	H1	НМ	6	НМ	-	7/A0.07	10/A0.07	-	EL.1	
		114.A	3' - 0"	7' - 0"	1 3/4"	H1	НМ	7	НМ	-	12/A8.03	13/A8.03	17/A8.02	EL.1	
		114.B	16' - 0"	9' - 4"	MFR.	01	MFR	-	-	-	13/A0.06	8/A0.06	10/A0.06	-	
]	114.C	16' - 0"	9' - 4"	MFR.	01	MFR	-	-	-	13/A0.06	8/A0.06	10/A0.06	-	
	,	201.A	3' - 6"	8' - 0"	MFR	MFR	MFR	MFR	MFR	-	6/A6.04	7/A6.04	MFR	MFR	ELEV
		203.A	3' - 0"	8' - 0"	1 3/4"	W1	WD	2	НМ	-	3/A8.03	4/A8.03	-	LK.9	(4)
		205.A	3' - 0"	8' - 0"	1 3/4"	W1	WD	2	НМ	-	3/A8.03	4/A8.03	-	LK.1	
	┤	206.A	3' - 0"	8' - 0"	1 3/4"	W1	WD	2	НМ	-	3/A8.03	4/A8.03	-		(2)
		206.B	2' - 8"	8' - 0"	1 3/4"	L1	HPDL	5	STL		7/A8.03	9/A8.03	-		(3)
		206.C	3' - 0"	8' - 0"	1 3/4"	L1	HPDL	5	STL		11/A8.03	9/A8.03	-		(3)
		207.A	3' - 0"	8' - 0"	1 3/4"	W1	WD	2	НМ	-	3/A8.03	4/A8.03	-		(2)
		207.B	2' - 8"	8' - 0"	1 3/4"	L1	HPDL	5	STL		7/A8.03	9/A8.03	-	LK.11	(3)
		207.C	2' - 8"	8' - 0"	1 3/4"	L1	HPDL	5	STL		7/A8.03	9/A8.03	-		(3)
		207.D	2' - 8"	8' - 0"	1 3/4"	L1	HPDL	5	STL		7/A8.03	9/A8.03	-	LK.11	(3)
		207.E	3' - 0"	8' - 0"	1 3/4"	L1	HPDL	5	STL		11/A8.03	9/A8.03	-	LK.11	(3)
		209.A	3' - 0"	8' - 0"	1 3/4"	W1	WD	2	НМ	-	3/A8.03	4/A8.03	-	LA.2	
		211.A	3' - 0"	8' - 0"	1 3/4"	W1	WD	2	НМ	-	3/A8.03	4/A8.03	-	LA.2	





- (1) ACCESS CONTROL DOORS WITH PANIC HARDWARE: PROVIDE APPROVED ENTRANCE AND EGRESS ACCESS CONTROL SYSTEM, LISTED IN ACCORDANCE WITH UL 294 AND INSTALLED IN COMPLIANCE WITH CRITERIA 1 THROUGH 7 IN SECTION 1010.1.9.9 OF IBC 2018
- (2) PROVIDE 16" X 34" KICK PLATE
- (3) UNDERCUT DOOR 1"
- (4) PROVIDE PANIC EGRESS HARDWARE AS REQ'D PER 2017 NEC ARTICLE 110.26 (C).

(5) CONFIRM RATED DOOR REQ'MTS W/ ELEVATOR MFR.

FOR ALL DOORS NOT LOCATED ON PLAN FOR ALL DOORS NOT LOCATED ON PLAN 6" 3'-0" IF DOOR HAS A CLOSER AND LATCH PUSH SIDE PULL SIDE

MATERIAL LEGEND

GL - GLASS
HM - HOLLOW METAL
WD - WOOD
STL - STEEL
AL - ALUMINUM
MFR - PER MANUFACTURER
POLY - POLYETHYLENE

STL - STEEL
AL - ALUMINUM
MFR - PER MANUFACTURER
POLY - POLYETHYLENE
P - POLYCARBONATE
HPDL - HIGH PRESSURE DECORATIVE LAMINATE

SCHEDULE AND DETAILS

A8.01

aragon star

PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY LEE'S SUMMIT, MO

 Project No.: 19050.01a

 Date:
 11.29.22

 Issued For:
 CONSTRUCTION

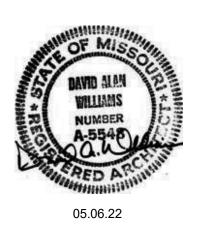
 REVISIONS

 No.
 Date
 Description

 2
 9.27.22
 ADDENDUM 2

 4
 01.20.23
 ASI-01

REGISTRATION



PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS
ARCHITECTURE

CIVIL GBA

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL

STRUCTURAL BSE STRUCTURAL

PLUMBING HENDERSON ENGINEERS

MECHANICAL HENDERSON ENGINEERS

HENDERSON

ENGINEERS
FIRE PROTECTION HENDERSON

ELECTRICAL

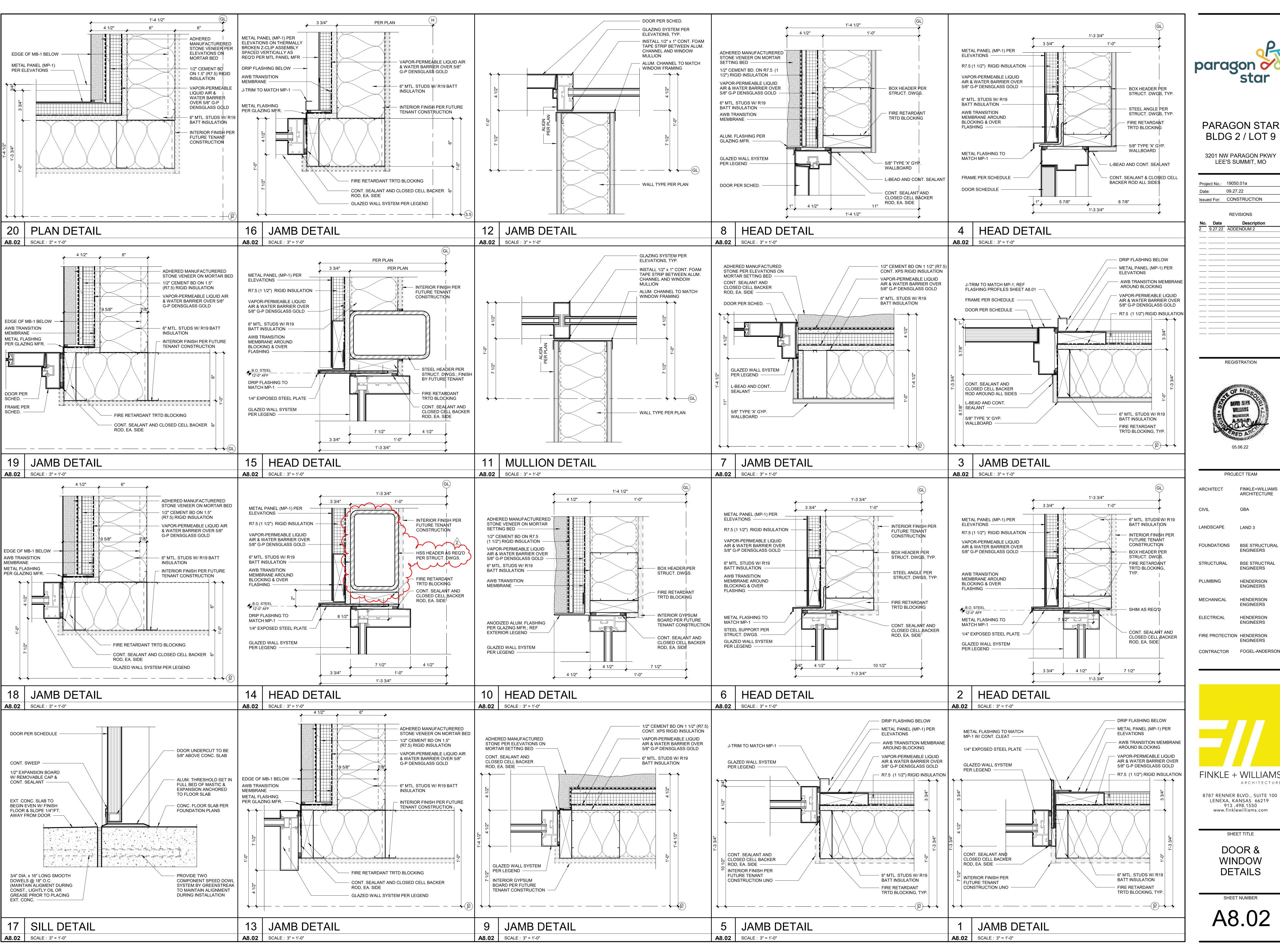
CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS
ARCHITECTURE

8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

DOOR





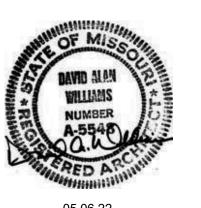
3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

Project No.: 19050.01a 09.27.22 Issued For: CONSTRUCTION REVISIONS

9.27.22 ADDENDUM 2

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE CIVIL LANDSCAPE LAND 3 **FOUNDATIONS** BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRA **ENGINEERS** PLUMBING HENDERSON **ENGINEERS MECHANICAL** HENDERSON ELECTRICAL HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON



ARCHITECTURE

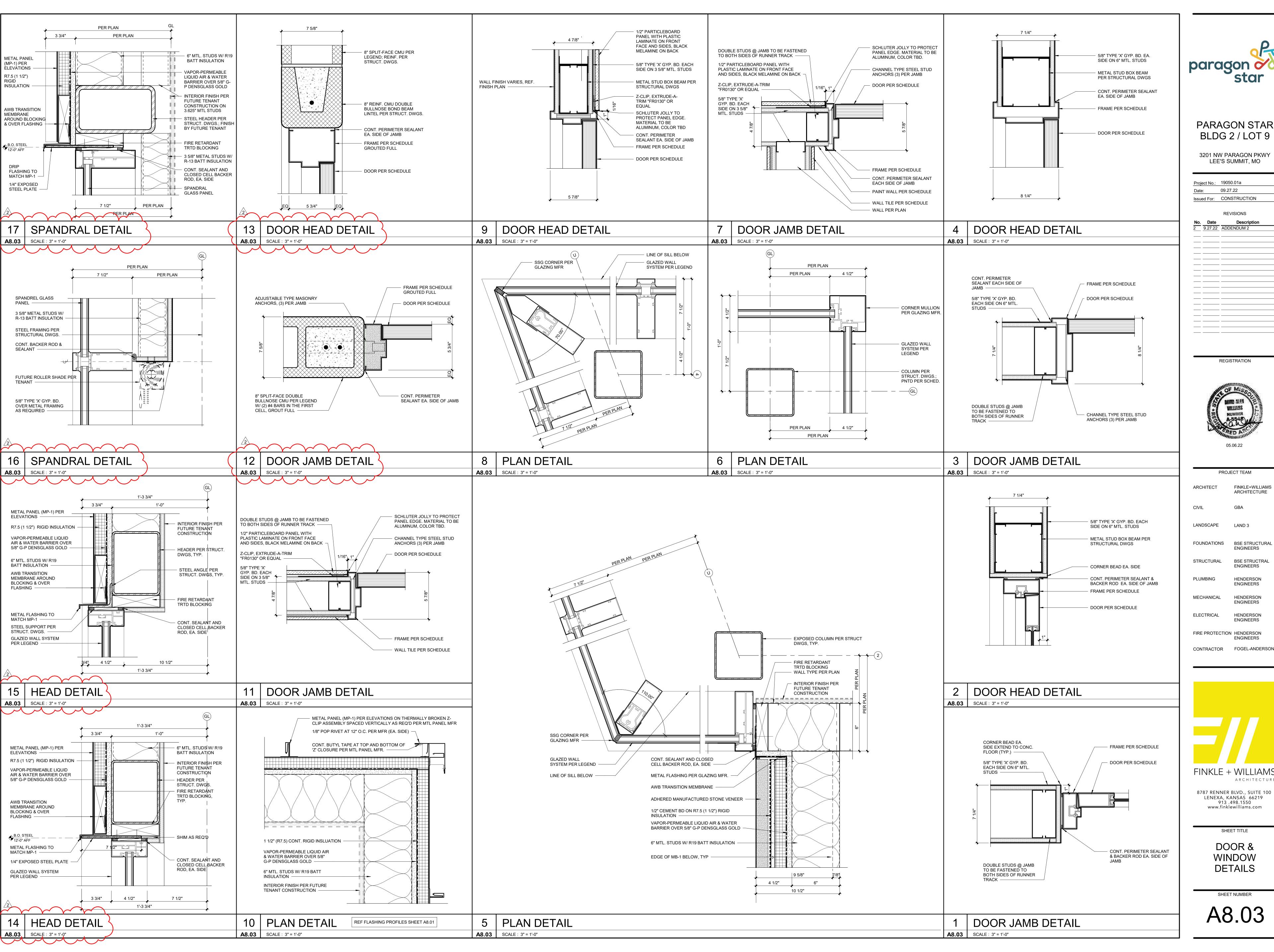
8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219

913 .498.1550 www.finklewilliams.com

SHEET TITLE

DOOR & WINDOW **DETAILS**

SHEET NUMBER A8.02





3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

Project No.: 19050.01a 09.27.22 Issued For: CONSTRUCTION REVISIONS

9.27.22 ADDENDUM 2

REGISTRATION



PROJECT TEAM

FINKLE+WILLIAMS ARCHITECT ARCHITECTURE CIVIL LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON **ENGINEERS** ELECTRICAL HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON **ENGINEERS**

FINKLE + WILLIAMS

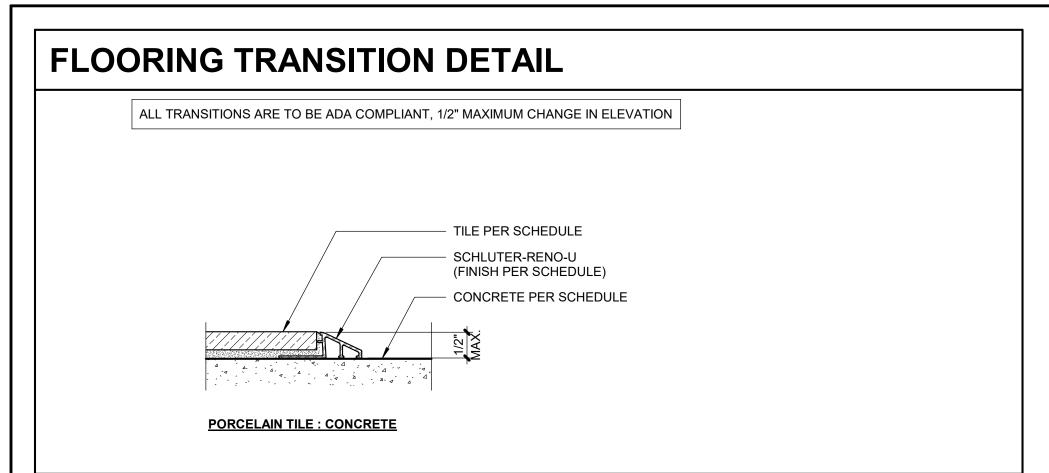
ARCHITECTURE 8787 RENNER BLVD., SUITE 100

LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

DOOR & **WINDOW DETAILS**

SHEET NUMBER A8.03



ROOM FINISH LEGEND

FLOOR FINISHES REFERENCE FLOOR PLAN FOR LOCATION OF FLOOR FINISH TRANSITIONS & PATTERN.

FTL: PORCELAIN TILE W/ 1/8" MAX. GROUT JOINTS W/ SILICONE SEALER. PROVIDE CRACK BRIDGING MEMBRANE OVER ALL CONTROL JOINTS & COLD JOINTS IN SLAB, INSTALL PER TCNA AND MANUFACTURER'S GUIDELINES

- FTL-1: MFR: ERGON ENGINEERED STONE, COLLECTION: STONE PROJECT, COLOR: WHITE CONTROFALDA NATURAL, SIZE: 24"x47" 98660R; SEE FINISH PLANS FOR INSTALLATION PATTERN; GROUT: MAPEI, ULTRACOLOR PLUS, COLOR 02 PEWTER
- FTL-2: MFR: ERGON ENGINEERED STONE, COLLECTION: STONE PROJECT, COLOR: WHITE CONTROFALDA NATURAL,

SIZE: 8"x47" 82660R; SEE FINISH PLANS FOR INSTALLATION PATTERN; GROUT: MAPEI, ULTRACOLOR PLUS, COLOR 02 PEWTER

- FTL-3: MFR: ERGON ENGINEERED STONE, COLLECTION: STONE PROJECT, COLOR: WHITE CONTROFALDA NATURAL, SIZE: 12"x24" BULLNOSE GRADINO STAIR TREAD 70660R; GROUT: MAPEI, ULTRACOLOR PLUS, COLOR 02 PEWTER
- FTL-4: MFR: ERGON ENGINEERED STONE, COLLECTION: STONE PROJECT, COLOR: BLACK CONTROFALDA NATURAL, SIZE: 12"x24" 63669R; SEE FINISH PLANS FOR INSTALLATION PATTERN; GROUT: MAPEI, ULTRACOLOR PLUS, COLOR 10 BLACK **CON:** CONCRETE
- CON-1: CONCRETE FLOOR W/ ASHFORD FORMULA SEALER WITH METZGER/MCGUIRE RE 88 SEMI-RIGID POLYUREA OR EQUAL FLOOR JOINT FILLER.

REFERENCE ROOM FINISH DESIGNATIONS ON FLOOR PLAN & INTERIOR ELEVATIONS FOR BASE FINISH

- **RB**: .125" THERMOPLASTIC RUBBER RESILIENT WALL BASE
- RB-01: MFR: ROPPE, SIZE: 4" COVE, COLOR: 123 CHARCOAL, ROLL GOODS ONLY
- **TB:** 3" TILE BASE TO COORD. WITH FLOOR TILE

CONTROFALDA NAT. RETT., SIZE: 3"x24" 88660R

TB-01: MFR: ERGON ENGINEERED STONE, COLLECTION: STONE PROJECT, COLOR: WHITE

ALL GYPSUM BOARD WALLS PERPENDICULAR TO EXTERIOR WALL WITH WINDOWS TO RECEIVE PAINT ARE TO HAVE A LEVEL 5 DRYWALL FINISH.

- PT: ACRYLIC LATEX COATING 2 FINISH COATS OVER PRIMER
- PT-01: SHERWIN WILLIAMS, WHITE HERON, SW7627, EGGSHELL LATEX COATING
- PT-02: SHERWIN WILLIAMS, IRON ORE, SW7069, EGGSHELL LATEX COATING PT-03: SHERWIN WILLIAMS, WORLDLY GRAY, SW7043, SEMI-GLOSS LATEX COATING PT-04: SHERWIN WILLIAMS, GRIFFIN, SW7026, SEMI-GLOSS LATEX COATING
- **EPT:** POLYAMIDE EPOXY COATING 2 FINISH COATS OVER PRIMER
- EPT-01: SHERWIN WILLIAMS, WHITE HERON, SW7627, SEMI-GLOSS EPOXY COATING
- FRP: FIBERGLASS REINFORCED PLASTIC PANEL
- FRP-01: PANOLAM FRP, COLOR GRAY, PROVIDE COLOR MATCHED SEAM TREATMENTS AND MOLDINGS
- WTL: PORCELAIN TILE W 1/8" MAX GROUT JOINTS, INSTALL PER TCNA AND MANUFACTURER'S GUIDELINES
- WTL-01: MFR: STONE PEAK, COLOR: WHITE PLANE HONED USH3030087, SIZE: 30"x30", STRAIGHT STACK PATTERN; GROUT: MAPEI, ULTRACOLOR PLUS, COLOR 01 ALABASTER
- WTL-02: MFR: ERGON ENGINEERED STONE, COLLECTION: STONE PROJECT, COLOR: BLACK CONTROFALDA NATURAL
- SIZE: 8"x47" 82669R; SEE ELEVATIONS FOR INSTALLATION PATTERN; GROUT: MAPEI, ULTRACOLOR PLUS, COLOR 10 BLACK
- WTL-03: MFR: ERGON ENGINEERED STONE, COLLECTION: STONE PROJECT, COLOR: BLACK CONTROFALDA NATURAL,
- SIZE: 12"x24" 63669R; SEE ELEVATIONS FOR INSTALLATION PATTERN; GROUT: MAPEI, ULTRACOLOR PLUS, COLOR 10 BLACK
- WTL-04: MFR: ERGON ENGINEERED STONE, COLLECTION: STONE PROJECT, COLOR: WHITE CONTROFALDA NATURAL SIZE: 8"x47" 82660R; SEE ELEVATIONS FOR INSTALLATION PATTERN; GROUT: MAPEI, ULTRACOLOR PLUS, COLOR 02 PEWTER

CASEWORK FINISHES

LAM: PLASTIC LAMINATE

- LAM-01: MFR: WILSONART, COLOR: WALNUT HEIGHTS 7965K-12 (SOFT GRAIN FINISH WITH AEON SCRATCH RESISTANCE)
- **ST**: NATURAL STONE
- ST-01: 2CM BLUE PEARL QUARTZ, SEAL WITH PENETRATING SEALER

CEILING FINISHES REFERENCE REFLECTED CEILING PLAN(S) FOR CEILING FINISH LOCATIONS & TRANSITIONS.

- **GB:** GYPSUM WALLBOARD W/ FLAT FINISH ACRYLIC LATEX PAINT 2 FINISH COATS OVER PRIMER
- GB-01: SHERWIN WILLIAMS SW 7007 "CEILING BRIGHT WHITE"
- **EXP:** EXPOSED CEILING WITH PAINTED DECK, STRUCTURE AND DUCTS EXP-01: SHERWIN WILLIAMS, WATERBORNE ACRYLIC DRYFALL, COLOR SW 6258 TRICORN BLACK

GENERAL FINISH NOTES

- ROOM FINISH SCHEDULE IS FOR GENERAL COORDINATION OF FINISHES. REFERENCE ROOM FINISH PLANS, INTERIOR ELEVATIONS AND REFLECTED CEILING PLANS FOR COORDINATION OF ALL FINAL FINISHES.
- WHERE MULTIPLE FINISHES ARE INDICATED ON ANY SURFACE REFER TO THE DRAWINGS FOR EXTENT OF EACH FINISH.
- 3. STOP WALL / CEILING PAINT COLORS AND FINISH MATERIAL CHANGES AT INSIDE CORNERS, UNLESS NOTED OTHERWISE.
- 4. ALCOVES AND CLOSETS WITHOUT A ROOM IDENTIFICATION NUMBER SHALL HAVE THE SAME FINISHES AS THE ADJOINING SPACE.
- 5. ALL FLOOR FINISHES TRANSITIONING AT DOORWAYS SHALL BE CENTERED ON THE CLOSED DOOR, UNLESS NOTED OTHERWISE. 6. WHERE NO BASE IS INDICATED CONTINUE WALL FINISH TO FLOOR.
- CONTINUE WALL AND FLOOR FINISH AS SCHEDULED BEHIND OR UNDER OPEN MILLWORK / CASEWORK WHEN WALL OR FLOOR IS EXPOSED TO VIEW, UNLESS NOTED OTHERWISE.
- SOFFITS TO BE PAINTED TO MATCH GB-1 UNLESS NOTED OTHERWISE.
- ALL EXPOSED DUCTWORK, ELECTRICAL CONDUIT, PLUMBING SUPPLY, WASTE OR VENTING AND ALL OTHER PIPING SHALL BE PAINTED TO MATCH ADJACENT WALL OR CEILING FINISH, UNLESS NOTED OTHERWISE.
- 10. ALL MECHANICAL GRILLES, ACCESS PANELS, RECESSED SPEAKERS (IF APPROVED BY MANUFACTURER), AND OTHER MECHANICAL PANELS SHALL BE PAINTED TO MATCH ADJACENT SURFACES UNLESS FACTORY FINISH OR OTHER COLOR IS SPECIFIED. CONCEALED SPRINKLER HEADS TO BE PROVIDED
- WITH FACTORY-APPLIED FINISH TO MATCH ADJACENT FINISH, UNLESS NOTED OTHERWISE. 11. TILE INDICATED ON WALLS IS TO BE FULL HEIGHT, UNLESS NOTED OTHERWISE.
- 12. ALIGN FLOOR AND WALL TILE JOINTS, UNLESS NOTED OTHERWISE.
- 13. PAINT ALL HOLLOW METAL DOORS AND FRAMES W/ 2 COATS OF SEMI-GLOSS, ACRYLIC LATEX PAINT TO MATCH ADJACENT WALL, U.N.O.
- 14. DOOR FRAME FINISH TRANSITIONS SHALL BE AT THE INSIDE CORNER OF THE STOP ON THE DOOR SIDE.
- 15. DUAL FINISH DOORS SHALL HAVE MATCHING FRONT FACE AND STRIKE EDGE AND MATCHING BACK FACE AND HINGE EDGE.
- 16. REFER TO FLOOR TRANSITION DETAILS WHERE DISSIMILAR FLOOR MATERIALS MEET.
- 17. ALL GYPSUM BOARD WALLS, SOFFITS AND CEILINGS PERPENDICULAR TO EXTERIOR WALL WITH WINDOWS TO RECEIVE PAINT ARE TO HAVE A LEVEL 5
- 18. WINDOW COVERINGS ARE NOT IN CORE AND SHELL SCOPE. FUTURE WINDOW COVERINGS ARE BY TENANT AND MUST FOLLOW DESIGN GUIDELINES.

				ROOM	FINISH	SCHED	ULE				
	ROOM				WA	LLS			MILL	WORK	
NO.	NAME	FLOOR	BASE	N	E	S	W	CEILING	TOP	BASE	REMARKS
100	VESTIBULE	FTL-01 / FTL-02	TB-01	PT-01	PT-01	PT-01	PT-01	GB-01	-	-	
101	LOBBY	FTL-01 / FTL-02	TB-01	PT-01	PT-01	PT-01 / WTL-02	PT-01	GB-01	-	-	1, 6, 7, 11, 12, 13
102	ELEV	FTL-02	-	-	-	-	-	-	-	-	3
103	ELECT./IT	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	-	-	-	
104	FUTURE TENANT	-	-	-	-	-	-	-	-	-	2
105	WEST VESTIBULE	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	GB-01	-	-	
106	WEST STAIR	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	EXP-01	-	-	9
107	ELECTRICAL	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	-	-	-	
108	FUTURE TENANT	-	-	-	-	-	-	-	-	-	2
109	EAST VESTIBULE	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	GB-01	-	-	
110	EAST STAIR	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	EXP-01	-	-	9
111	FIRE RISER ROOM	CON-01	RB-01	EPT-01	EPT-01	EPT-01	EPT-01	-	-	-	
112	ELECTRICAL	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	-	-	-	
113	METER ENCLOSURE	-	-	-	-	-	-	-	-	-	(14)
200	LOBBY	FTL-01 / FTL-02	TB-01	PT-01	PT-01	PT-01 / PT-02 / WTL-02	PT-01	EXP-01	-	-	1, 6, 7, 11, 12
201	ELEV	FTL-02	-	-	-	-	-	-	-	-	3
202	HALL	FTL-01 / FTL-02	TB-01	-	PT-02 / WTL-02	PT-01	PT-01 / WTL-04	GB-01	-	-	1, 12
203	ELECTRICAL/ TELECOM	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	-	-	-	
205	JANITOR	CON-01	RB-01	FRP-01 / EPT-01	FRP-01 / EPT-01	FRP-01 / EPT-01	FRP-01 / EPT-01	-	-	-	4
206	MENS RR	FTL-04	-	WTL-01	WTL-01	WTL-01 / WTL-03	WTL-01	GB-01	ST-01	-	1, 5, 10
207	WOMENS RR	FTL-04	-	WTL-01 / WTL-03	WTL-01	WTL-01	WTL-01	GB-01	ST-01	-	1, 5, 10
208	FUTURE OFFICE TENANT WEST	-	-	-	-	-	-	-	-	-	2, 8
209	WEST STAIR	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	EXP-01	-	-	9
210	FUTURE OFFICE TENANT EAST	-	-	-	-	-	-		_	_	2, 8
211	EAST STAIR	CON-01	RB-01	PT-01	PT-01	PT-01	PT-01	GB-01	_	_	9

SCHEDULE REMARKS

- (1) REF. INTERIOR ELEVATIONS AND FINISH PLANS FOR ADDITIONAL INFORMATION ON FINISH LOCATIONS.
- (2) INTERIOR FINISHES BY FUTURE TENANT.
- (3) REF. ELEVATOR TRIM PACKAGE BASIS OF DESIGN ON SHEET A6.04
- (4) PROVIDE FRP TO 8'-0" ON ALL WALLS.
- (5) LAMINATE (LAM-1) PANELS ON FRONT WALL OF TOILET "ROOMS". REFERENCE FINISH PLANS AND ELEVATIONS.
- (6) PAINT EXPOSED STEEL STAIR STRINGER PT-03
- (7) STAIR LANDINGS TO BE FTL-1. STAIR TREADS TO BE FTL-3. STAIR RISERS TO BE FTL-2.
- (8) ACOUSTICAL CEILING SOFFIT IN SECOND LEVEL 'FUTURE TENANT' SPACES PER RCP.
- (9) PAINT EXPOSED STEEL AND HANDRAILS PT-02
- (10) UNFINISHED EXPOSED WALL TILE EDGES TO RECEIVE ANODIZED ALUMINUM TRIM EQUAL TO SCHLUTER JOLLY, FINISH SATIN NICKEL
- (11) UNFINISHED EXPOSED WALL TILE EDGES TO RECEIVE ANODIZED ALUMINUM TRIM EQUAL TO SCHLUTER JOLLY, FINISH BRUSHED GRAPHITE
- (12) REF. FINISH PLANS FOR FLOOR PATTERN
- (13) CONCRETE CURB UNDER STAIR TO BE TILED USING FTL-02. FLOOR INSIDE CURB TO BE FTL-01/FTL-02 PATTERN, REFERENCE FINISH PLAN.





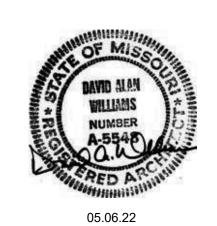
PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

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REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE

> BSE STRUCTRAL **ENGINEERS**

HENDERSON

LANDSCAPE LAND 3

CIVIL

FOUNDATIONS BSE STRUCTURAL **ENGINEERS**

PLUMBING HENDERSON **ENGINEERS**

STRUCTURAL

MECHANICAL

ELECTRICAL HENDERSON **ENGINEERS**

FIRE PROTECTION HENDERSON

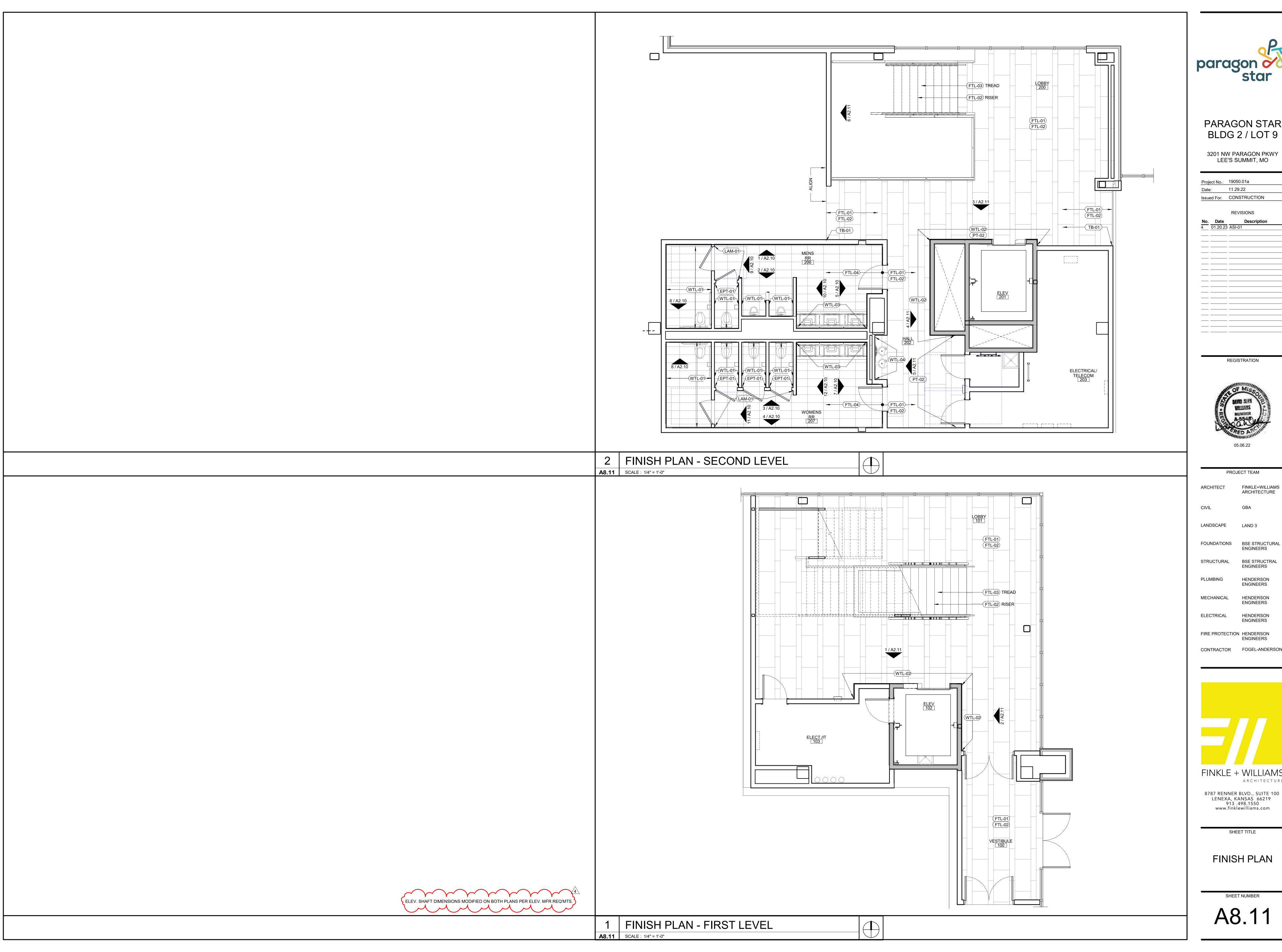
CONTRACTOR FOGEL-ANDERSON

FINKLE + WILLIAMS ARCHITECTURE

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SHEET TITLE

SCHEDULE AND

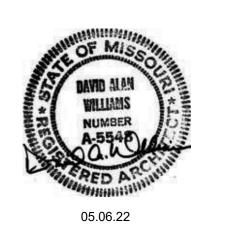




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

11.29.22 Issued For: CONSTRUCTION

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

LANDSCAPE LAND 3

ENGINEERS STRUCTURAL **BSE STRUCTRAL ENGINEERS**

PLUMBING HENDERSON **ENGINEERS** HENDERSON MECHANICAL

ELECTRICAL HENDERSON **ENGINEERS**

FIRE PROTECTION HENDERSON ENGINEERS CONTRACTOR FOGEL-ANDERSON



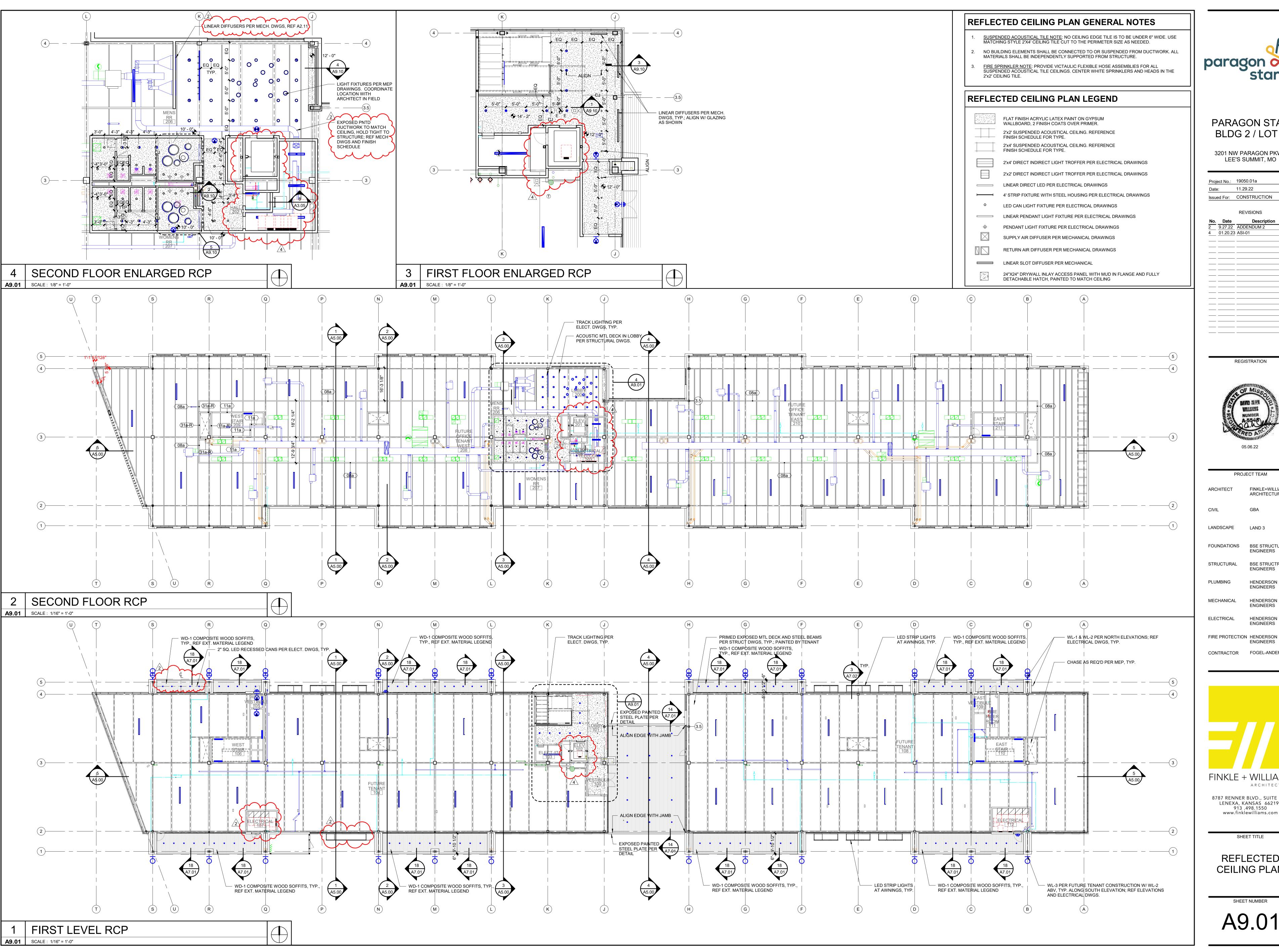
FINKLE + WILLIAMS ARCHITECTURE

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SHEET TITLE

FINISH PLAN

SHEET NUMBER A8.11





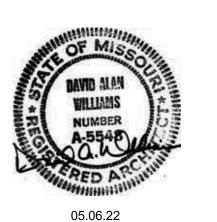
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LEE'S SUMMIT, MO

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4 01.20.23 ASI-01

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS

LANDSCAPE LAND 3

FOUNDATIONS BSE STRUCTURAL STRUCTURAL BSE STRUCTRAL

ENGINEERS HENDERSON **ENGINEERS**

HENDERSON

ENGINEERS

CONTRACTOR FOGEL-ANDERSON

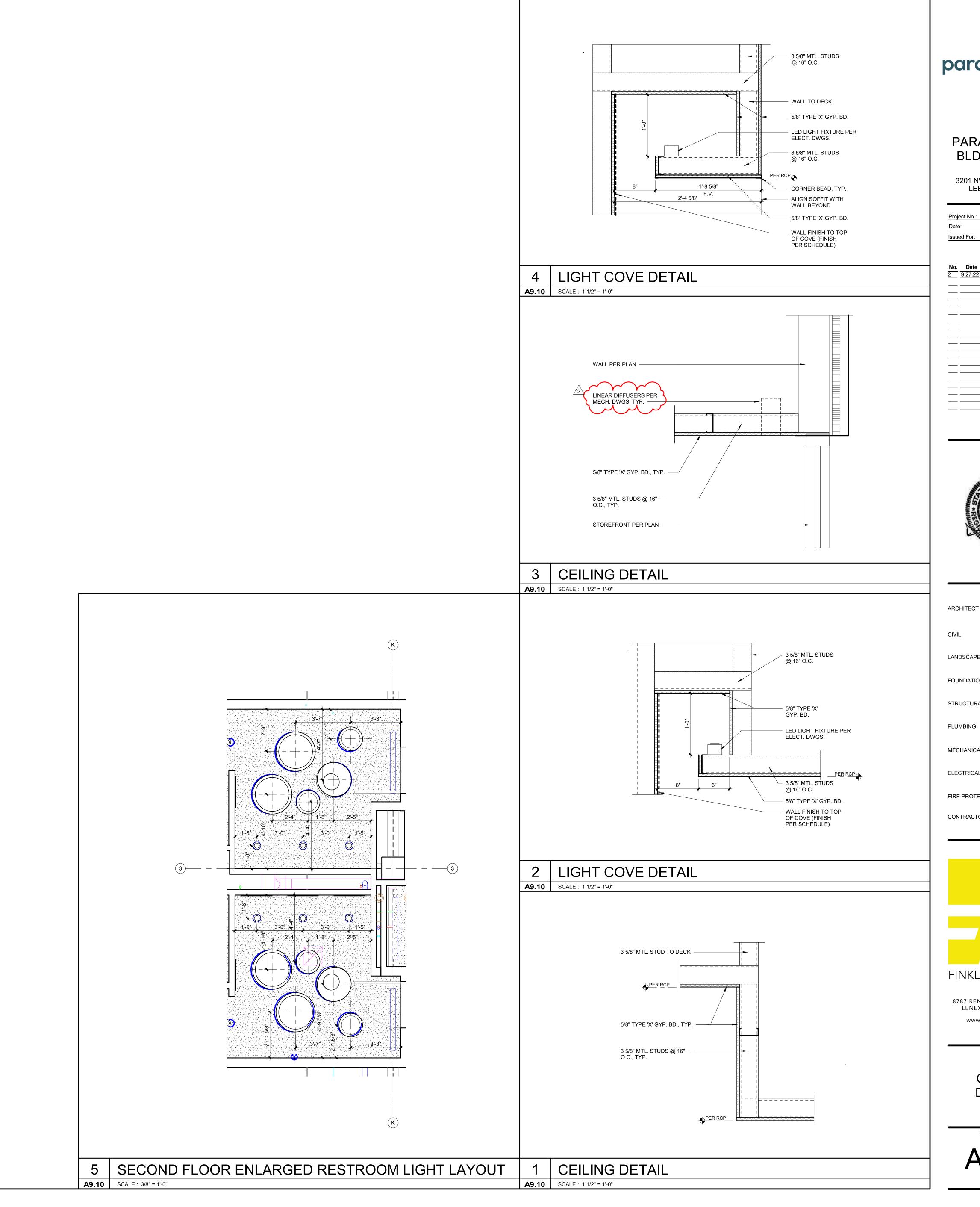
FINKLE + WILLIAMS

ARCHITECTURE 8787 RENNER BLVD., SUITE 100

LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

REFLECTED **CEILING PLAN**

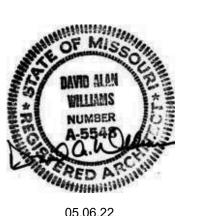




3201 NW PARAGON PKWY LEE'S SUMMIT, MO

Project No.: 19050.01a 09.27.22 Issued For: CONSTRUCTION REVISIONS

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** BSE STRUCTRAL **ENGINEERS**

HENDERSON

ENGINEERS HENDERSON MECHANICAL ELECTRICAL HENDERSON **ENGINEERS**

FIRE PROTECTION HENDERSON ENGINEERS CONTRACTOR FOGEL-ANDERSON



ARCHITECTURE

8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

CEILING **DETAILS**

SHEET NUMBER A9.10

DIVISION 1 - GENERAL REQUIREMENTS

- A. IF ANY ALTERNATES ARE INDICATED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL FURNISH A SEPARATE PRICE FOR ALL MATERIAL. TAXES, FREIGHT. MARKUP, DELIVERY, LABOR, OVERHEAD AND PROFIT FOR THAT PORTION OF THE WORK. THE PROPOSED ALTERNATE MAY THEN BE ADDED OR DEDUCTED FROM THE CONTRACT SUM IF THE OWNER ACCEPTS THE ALTERNATE.
- A. IF ANY UNIT PRICES ARE REQUESTED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL FURNISH A PRICE INCLUDING ALL NECESSARY MATERIAL, TAXES, FREIGHT, MARKUP, DELIVERY, LABOR, OVERHEAD, AND PROFIT PER UNIT OF MEASUREMENT FOR WORK THAT MAY BE ADDED OR DEDUCTED FROM THE CONTRACT SUM IF ESTIMATED QUANTITIES OF WORK REQUIRED BY THE CONSTRUCTION DOCUMENTS ARE INCREASED OR DECREASED.
- CHANGE ORDERS

A. WHEN CHANGES TO THE CONTRACT SUM OR SCHEDULE ARE NECESSARY, CONTRACTOR SHALL SUBMIT AN ELECTRONIC COPY OF THE PROPOSED CHANGE ORDER AND SUPPORTING DOCUMENTATION TO THE ARCHITECT FOR REVIEW. BEFORE PROCEEDING WITH WORK RELATED TO CHANGE ORDERS, CONTRACTOR SHALL OBTAIN OWNER'S WRITTEN APPROVAL.

- 4. PAYMENT APPLICATIONS A. PRIOR TO SUBMITTAL OF EACH FORMAL MONTHLY PAYMENT APPLICATION, THE
- CONTRACTOR SHALL SUBMIT TO THE ARCHITECT AN ELECTRONIC DRAFT OF THE PROPOSED PAYMENT APPLICATION WITH A SCHEDULE OF VALUES INDICATING THE ESTIMATED PERCENT COMPLETE IN EACH CATEGORY. FOLLOWING REVIEW AND ADJUSTMENT (IF ANY) OF THE DRAFT, CONTRACTOR SHALL SUBMIT AN ELECTRONIC COPY OF THE PROPERLY EXECUTED PAYMENT APPLICATION, SCHEDULE OF VALUES, AND LIEN WAIVERS FOR ARCHITECT'S REVIEW.
- CONTRACTOR SHALL PREPARE AND SUBMIT SUBMITTALS REQUIRED BY INDIVIDUAL SPEC SECTIONS ELECTRONICALLY, EMAILED OR ONLINE PROJECT MANAGEMENT SOFTWARE, FOR ARCHITECT'S REVIEW. PHYSICAL SAMPLES SHOULD BE DELIVERED TO THE ARCHITECT'S OFFICE
 - PROCESSING TIME: INITIAL REVIEW: MIN. 10 DAYS RESUBMITTAL REVIEW (AS REQUIRED): MIN. 5 DAYS
- CERTIFICATES AND CERTIFICATIONS SUBMITTALS: INCLUDES SIGNATURE OF ENTITY RESPONSIBLE FOR PREPARING CERTIFICATION IPROVIDE DIGITAL SIGNATURE ON ELECTRONICALLY SUBMITTED CERTIFICATES AND CERTIFICATIONS WHERE INDICATED]
- DELEGATED-DESIGN SERVICES CERTIFICATION: IN ADDITION TO OTHER REQUIRED SUBMITTALS, SUBMIT DIGITALLY SIGNED PDF ELECTRONIC FILE, SIGNED AND SEALED BY THE RESPONSIBLE DESIGN PROFESSIONAL
- BIM INCORPORATION [BY CONTRACTOR] IF REQUIRED BY OWNER. CONTRACTOR'S SUBMITTAL REVIEW: CONTRACTOR SHALL REVIEW EACH SUBMITTAL AND CHECK FOR COORDINATION WITH OTHER WORK OF THE CONTRACT AND FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. MARK WITH APPROVAL STAMP BEFORE SUBMITTING TO ARCHITECT. 1. ARCHITECT WILL NOT REVIEW SUBMITTALS THAT DO NOT HAVE CONTRACTOR'S REVIEW AND APPROVAL
- 1.8 CONSTRUCTION PERIOD TESTING A. THE OWNER SHALL ENGAGE AN INDEPENDENT TESTING AGENCY TO PERFORM CODE-REQUIRED "SPECIAL INSPECTIONS" AND QUALITY CONTROL TESTING. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING TIMES FOR TESTS, INSPECTIONS, AND OBTAINING SAMPLES AND NOTIFYING TESTING AGENCY.
- 1.9 REFERENCE STANDARDS A. CONSTRUCTION AND MATERIALS SHALL COMPLY WITH THE MOST RECENT STANDARDS IN EFFECT AS OF THE DATE OF THE CONSTRUCTION DOCUMENTS, UNLESS INDICATED
- A. PUNCHLIST PRIOR TO SCHEDULING A SUBSTANTIAL COMPLETION WALK-THROUGH TO DEVELOP A PUNCHLIST OF ITEMS REQUIRING COMPLETION, PROJECT SHALL BE FINAL CLEANED, TOUCH-UP PAINTED, AND DAMAGED CEILING TILE REPLACED. UPON ARRIVAL, IF THE ARCHITECT DETERMINES THE PROJECT IS NOT READY FOR WALK-THROUGH, THE PUNCHLIST SHALL BE RESCHEDULED. 1. WHEN THE CONTRACTOR CONSIDERS THE PUNCHLIST ITEMS FULLY COMPLETED, A FINAL WALK-THROUGH SHALL BE SCHEDULED TO REVIEW THE COMPLETED
- PRIOR TO PROJECT COMPLETION, CONTRACTOR SHALL SUBMIT/COMPLETE THE ONE (1) SET OF CONSTRUCTION DRAWINGS NEATLY MARKED UP TO SHOW ACTUAL INSTALLATION WHERE INSTALLATION VARIES FROM THAT SHOWN ON ORIGINALLY ON THE CONSTRUCTION DOCUMENTS.
- 2. TWO (2) COPIES OF OPERATION AND MAINTENANCE MANUALS INCLUDING SUBCONTRACTOR AND SUPPLIER CONTACT INFORMATION, MAINTENANCE AND SERVICE INSTRUCTIONS. SCHEDULES, EMERGENCY INSTRUCTIONS, SPARE PARTS LISTS, WIRING DIAGRAMS, AND WARRANTY INFORMATION.
- 3. TRAINING OF OWNER PERSONNEL ON USE AND MAINTENANCE OF MECHANICAL, ELECTRICAL, PLUMBING, FIRE SPRINKLER, ALARM, SECURITY, IRRIGATION, AND OTHER BUILDING SYSTEMS.

DIVISION 2 - SITE WORK

SEE CIVIL AND LANDSCAPE PLANS AND SPECIFICATIONS

DIVISION 3 - CONCRETE

SEE STRUCTURAL PLANS AND SPECIFICATIONS

DIVISION 4 - MASONRY

047200 CAST STONE

- SUBMITTALS: PRODUCT DATA, SAMPLES, AND SHOP DRAWINGS INDICATING DIMENSIONS JOINT LOCATIONS, RUSTICATION, EDGE CONDITIONS, EMBED LOCATIONS, AND
- B. <u>FABRICATOR</u>: A PRODUCING MEMBER OF THE CAST STONE INSTITUTE.
- CAST STONE UNITS: UNITS SHALL COMPLY WITH ASTM C1364, SHALL RESIST FREEZE-HAW, SLOPE HORIZONTAL SURFACES 1:12 MINIMUM AND SHALL HAVE DRIPS ON PROJECTING ELEMENTS UNLESS NOTED OTHERWISE.
- D. <u>COLOR AND TEXTURE</u>: TO BE SELECTED
- E. <u>ANCHORS AND DOWELS</u>: TYPE 304 STAINLESS STEEL
- INSTALLATION: UNITS SHALL BE FULLY CURED PRIOR TO INSTALLATION. INSTALL CAST STONE UNITS SET IN FULL BED OF MORTAR WITH FULL HEAD JOINTS. RAKE OUT ALL JOINTS TO MINIMUM 3/4" AND INSTALL SEALANT TO MATCH CAST STONE (COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE OF AVAILABLE COLORS AND SHALL BE VERIFIED FROM A 12" LONG FIELD APPLIED SAMPLE PRIOR TO COMPLETE INSTALLATION).
- CLEANING AND PATCHING: EXPOSED FACES OF CAST STONE UNITS SHALL BE PROTECTED FROM MORTAR AND STAINING DURING CONSTRUCTION. AFTER MORTAR IS THOROUGHLY SET AND CURED, CAST STONE SHALL BE CLEANED WITH A PRODUCT EXPRESSLY APPROVED FOR USE BY CLEANER MANUFACTURER AND CAST STONE MANUFACTURER. EXCESSIVE STAINING AND AN UNEVEN APPEARANCE SHALL BE CAUSE FOR REJECTION. MINOR PATCHING SHALL BE ALLOWED PROVIDED PATCH CAN BE BLENDED TO MATCH UNITS. UNITS WITH SIGNIFICANT CHIPS OR BREAKAGE SHALL BE REFABRICATED.

042000 UNIT MASONRY ASSEMBLIES

- SUBMITTALS: PRODUCT DATA FOR MASONRY UNITS AND ACCESSORIES INCLUDING THREE SAMPLES OF EACH BRICK OR CMU UNIT TO ILLUSTRATE COLOR AND TEXTURE RANGE.
- MASONRY UNITS: COMPLY WITH ACI 530.1/ASCE 6/TMS 602 1. CONCRETE MASONRY UNITS: ASTM C90, NORMAL WEIGHT WITH SPECIAL SHAPES FOR LINTELS, CORNERS, JAMBS, SASH, CONTROL JOINTS, AND OTHER SPECIAL CONDITIONS. BULLNOSE UNITS FOR OUTSIDE CORNERS, DOOR AND WINDOW JAMBS, AND SILLS, UNLESS OTHERWISE INDICATED.
- INTEGRAL WATER REPELLANT AND SPECIAL SHAPES FOR LINTELS, CORNERS, JAMBS. SASH, CONTROL JOINTS, AND OTHER SPECIAL CONDITIONS. BULLNOSE UNITS FOR OUTSIDE CORNERS, DOOR AND WINDOW JAMBS, AND SILLS, UNLESS OTHERWISE INDICATED.

2. DECORATIVE CONCRETE MASONRY UNITS: ASTM C90 NORMAL WEIGHT WITH

- CONCRETE LINTELS: PRECAST UNITS MATCHING CMU WITH REINFORCING AS INDICATED OR AS REQUIRED TO SUPPORT LOADING. 4. FACE BRICK: ASTM C 216, GRADE SW, TYPE FBS, SIZE AND COLOR PER
- CONSTRUCTION DOCUMENTS.
- MORTAR: ASTM C 270 PROPORTION SPECIFICATION, TYPE S ABOVE GRADE, TYPE M GROUT: ASTM C 476 WITH A SLUMP OF 8-11 INCHES, 28-DAY COMPRESSIVE STRENGTH OF 2,000 PSI MINIMUM.
- REINFORCEMENT: SEE STRUCTURAL CONSTRUCTION DOCUMENTS FOR SPECIFICATIONS
- TIES AND ANCHORS: HOT-DIP GALVANIZED STEEL, TWO-PIECE, ADJUSTABLE MASONRY VENEER ANCHORS THAT ALLOW VERTICAL OR HORIZONTAL ADJUSTMENT BUT RESIST TENSION AND COMPRESSION FORCES PERPENDICULAR TO THE PLANE OF THE WALL DESIGNED FOR ATTACHMENT OVER SHEATHING TO STUDS AND ACCEPTABLE TO AUTHORITY HAVING JURISDICTION.
- FLASHING: [45 MIL EPDM], [STAINLESS STEEL 0.0156 INCH THICK]
- COMPRESSIBLE FILLER: PREMOLDED STRIPS ASTM 1056, GRADE 2A1 PREFORMED CONTROL JOINTS: SBR OR PVC DESIGNED TO FIT STANDARD SASH
- WEEP HOLES: 1/4"-3/8"x24" COTTON OR POLYPROPYLENE ROPE.
- CAVITY INSULATION: POLYISOCYANURATE BOARD ASTM C 1289, TYPE 1, CLASS 2, ALUMINUM FOIL FACED 5. MORTAR NET: INSTALL SAWTOOTH MESH MORTAR NET IN ALL MASONRY DRAINAGE
- 6. FIELD-APPLIED CLEAR WATERPROOF SEALER

(UNIT MASONRY CONT.)

- MIX MASONRY UNITS FROM DIFFERENT PALLETS FOR UNIFORM BLEND OF COLOR AND TEXTURE. INSTALL MASONRY UNITS W/ UNIFORM BED AND HEAD JOINTS IN FULL BED OF MORTAR WITH FULL HEAD JOINTS IN RUNNING BOND (UNLESS NOTED OTHERWISE) KEEPING CAVITIES CLEAN OF MORTAR AND DEBRIS. TOOL MORTAR JOINTS SLIGHTLY
- FLASHING: INSTALL THROUGH-WALL FLASHING AND WEEP HOLES AT 24" O.C. AT ALL SHELF ANGLES, LINTELS, LEDGES, AND OTHER OBSTRUCTIONS TO THE DOWNWARD FLOW OF WATER. FLASHING SHALL BE PLACED ON A SLOPING BED OF MORTAR AND SHALL EXTEND 1/4" BEYOND FACE OF MASONRY AND BE TRIMMED STRAIGHT AND TRUE. JOINTS IN FLASHING SHALL BE SEALED AND 2" HIGH DAMS SHALL BE FORMED AT END OF FLASHING. WICKS SHALL BE TRIMMED FLUSH WITH FACE OF MASONRY. LINTELS: INSTALL LINTELS ABOVE ALL OPENINGS AND WHERE INDICATED WITH
- MINIMUM 8" BEARING AT EACH JAMB AND FILL CORES IN MASONRY UNDER EACH LINTEL BEARING FULL HEIGHT OF JAMB. CLEANING: CLEAN MASONRY AS THE WORK PROGRESSES AND WHEN MORTAR IS HOROUGHLY SET AND CURED, CLEAN WITH A PROPRIETARY CLEANER APPROVED BY

044313.16 ADHERED STONE MASONRY VENEER

- PRODUCT DATA FOR CULTURED STONE PRODUCTS AND ACCESSORIES THREE (3) SAMPLES OF EACH STONE TO ILLUSTRATE COLOR AND TEXTURE RANGE SHOP DRAWINGS DEPICTING PROPER INSTALLATION AND FLASHING
- PROVIDE MANUFACTURERS 50-YEAR LIMITED WARRANTY

BRICK MANUFACTURER TO REMOVE EXCESS MORTAR

- MANUFACTURED STONE VENEER:
 BASIS OF DESIGN: CULTURED STONE BY BORAL & ELDORADO, REFER TO ELEVATIONS FOR
- COLOR, FINISH, AND LOCATIONS 1. PERFORMANCE CRITERIA: CONFORMING WITH ASTM C1670: a. COMPRESSIVE STRENGTH: >1800 PSI FOR 5 SPECIMANS AND >2100 PSI FOR
- INDIVIDUAL SPECIMAN (ASTM C 39 AND ASTM C 192) BOND BETWEEN MANUFACTURED MASONRY UNIT, MORTAR AND BACKING: NOT LESS THAN 50 PSI (ASTM C177)
- THERMAL RESISTANCE: R-VALUE NOT LESS THAN 0.355 PER INCH (ASTM C 177) FREEZE/THAW: NO DISINTEGRATION AND < 3% WEIGHT LOSS (ASTM C 67) WATER ABSORPTION: TESTED IN ACCORDANCE WITH UBC 15-5 9-22% UNIT WEIGHT: <15 PSF SATURATED
- FLAMESPREAD: 25 SMOKE DEVELOPMENT: 450
- UV STABLE MINERAL OXIDE PIGMENTS
- PROVIDE (2) LAYERS OF WATER BARRIER AS REQ'D BY MFR. a. ICC ES AC 51 ACCEPTANCE CRITERIA FOR MANUFACTURED STONE VENEER OR
- INDEPENDENT LAB TEST INDICATING COMPLIANCE WITH ASTM C-1670 ACCESSORIES: INCLUDE MATCHING CORNER PIECES

COLOR SELECTED FROM MFR FULL RANGE.

- EXPANDED METAL LATH: 3.4 LB/SQ YARD, SELF-FURRING, DIAMOND-MESH LATH COMPLYING WITH ASTM C 847, FABRICATE FROM STRUCTURAL QUALITY, ZINC-COATED (GALVANIZED) STEEL SHEET COMPLYING WITH ASTM A 653/A 653M, G60. WEEP SCREED: PVC MATERIAL MEETING ASTM D 1784 FOR PVC COMPOUNDS,
- D. MORTAR AND GROU
 - GENERAL: DO NOT USE ADMIXTURES UNLESS OTHERWISE INDICATED. a. DO NOT USE CALCIUM CHLORIDE USE PORTLAND CEMENT-LIME MORTAR UNLESS OTHERWISE INDICATED. FOR SCRATCH COAT OR GROUTING MORTARS - SITE MIXED: MEETS THE
 - REQUIREMENTS OF ASTM C270 TYPE N OR S. PREBLENDED: MEETS THE REQUIREMENTS OF ASTM C1714/C1714M TYPE N OR TYPE S POLIMER/LATEX MODIFIED PORTLAND CEMENT SETTING MORTAR COMPLYING WITH ANSI 118.4, 118.11 OR 118.15 UNLESS OTHERWISE RECOMMENDED BY MFR.
- METAL FLASHING: PROVIDE STAINLESS STEEL, TYPE 304, .4MM THICK METAL FLASHING WHERE FLASHING IS EXPOSED. FABRICATE METAL DRIP EDGES FROM STAINLESS STEEL, EXTEND AT LEAST 3" INTO WALL AND 1/2" OUT FROM WALL WITH OUTER EDGE BENT DOWN 30 DEGREES AND HEMMED.
- ASPHALT FLASHING NOT LESS THAN .030 INCHES THICK. F. <u>INSTALLATION</u>: INSTALL PRODUCT IN ACCORDANCE WITH MVMA INSTALLATION GUIDE FOR ADHERED
 - MANUFACTURED STONE VENEER, ASTM C 1780 AND IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL/APPLY RELATED MATERIALS IN ACCORDANCE WITH TYPE OF SUBSTRATE AND MANUFACTURED STONE VENEER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

INSTALL EMBEDDED FLASHING AND AT SHELF ANGLES, LINTELS, LEDGES, OTHER

FLEXIBLE FLASHING: FOR FLASHING UNEXPOSED TO EXTERIOR USE RUBBERIZED

- OBSTRUCTIONS TO DOWNWARD FLOW OF WATER IN WALL AND WHERE INDICATED. ANCHOR TO STUD AS REQUIRED BY MVMA AND ASTM C1780. A. AT STUD FRAMED WALLS, EXTEND FLASHING THROUGH STONE MASONRY, UP
- SHEATHING FACE AT LEAST 12 INCHES AND BEHIND WEATHER BARRIER. FASTENER TYPE AND SPACING TO BE VERIFIED WITH STRUCTURAL ENGINEER PRIOR TO ORDERING/INSTALLING.
- INSTALLATION OF ADHERED STONE MASONRY VENEER INSTALL NECESSARY WEEP SCREED AT BASE OF WALL AND OVER OPENINGS INSTALL LATH OVER BUILDING INSULATION AND FASTEN IN ACCORDANCE WITH TECHNICAL EVALUATION REPORT TER 1312-01 'BORAL STONE - ADHERED
- MASONRY VENEER APPLICATION OVER CONIUOUS INSULATION' INSTALL SCRATCH COAT OVER METAL LATH 1/2"-3/4" THICK TO FULLY ENGAGE COAT 100% OF THE BACKS OF STONE UNITS AND FACE OF SCRATCH COAT WITH CEMENT-PASTE BOND COAT, THEN BUTTER BOTH SUFRACES WITH SETTING MORTAR. USE SUFFICIENT SETTING MORTAR, SO A SLIGHT EXCESS WILL BE FORCED OUT THE EDGES OF STONE UNITS AS THEY ARE SET. COMPLETELY FILLING SPACE BETWEEN UNITS AND SCRATCH COAT. REFER TO POLYMER

MODIFIED MORTAR MANUFACTURER FOR THEIR SPECIFIC INSTALLATION

- INSTRUCTIONS. RAKE OUT JOINTS FOR POINTING WITH MORTAR TO DEPTH OF NOT LESS THAN 1/2" BEFORE SETTING MORTAR HAS HARDNED. RAKE JOINTS TO UNIFORM DEPTHS WITH SQUARE BOTTOMS AND CLEAN SIDES. NO VISIBLE GROUT PER EXTERIOR LEGEND SHEET A4.01
- 1. TWO LAYERS ASTM COMPLYING WITH ASTM D226 FEL OR ASTM E2556 TYPE 1 OR TYPE

CLEANING: CLEAN CULTURED STONE VENEER AS THE WORK PROGRESSES AND WHEN MORTAR IS THOROUGHLY SET AND CURED, ONLY CLEAN WALL AFTER SAMPLE PANEL HAS BEEN REVIEWE AND APPROVED BY ARCHITECT.

- END DIVISION 4 -

DIVISION 5 - METALS

- 051200 STRUCTURAL STEEL
- SEE STRUCTURAL CONSTRUCTION DOCUMENTS FOR STRUCTURAL STEEL SPECIFICATIONS.
- EXTERIOR FABRICATIONS: ALL STRUCTURAL STEEL EXPOSED TO THE EXTERIOR INCLUDING MASONRY LINTELS SHALL BE GALVANIZED AND FACTORY PRIMED READY
- FOR FINISH PAINTING, UNLESS NOTED OTHERWISE INTERIOR FABRICATIONS: FACTORY PRIMED, UNLESS NOTED OTHERWISE.

055113 METAL STAIRS AND RAILINGS

- SHOP DRAWINGS AND CALCULATIONS INDICATING MEMBER SIZES AND LAYOUT, VERTICAL AND HORIZONTAL DIMENSIONS, EDGE CONDITIONS, AND CONNECTION DETAILS SIGNED AND SEALED BY A QUALIFIED STRUCTURAL ENGINEER.
- METAL STAIRS AND RAILINGS SHALL BE DESIGNED BY FABRICATOR TO SUPPORT CODE-REQUIRED LOADING AND TO MATCH THE CONFIGURATIONS INDICATED IN THE CONSTRUCTION DOCUMENTS.
- FABRICATE ITEMS IN LARGEST PRACTICAL SECTIONS FOR DELIVERY TO SITE WITH JOINTS TIGHTLY FITTED AND SECURED WITH EXPOSED JOINTS WELDED AND GROUND FLUSH AND SMOOTH.
- WALL-MOUNT HANDRAIL BRACKETS: SINGLE HOLE FORMED HANDRAIL BRACKET W/ WALL FILLER AND SNAP-ON COVER (WAGNER 1929, OR SIMILAR)
- EXTERIOR FABRICATIONS: GALVANIZED AND PRIME PAINTED READY FOR FINISH
- PAINTING, UNLESS NOTED OTHERWISE. INTERIOR FABRICATIONS: PRIME PAINTED READY FOR FINISH PAINTING SUPPLY COMPONENTS REQUIRED FOR ANCHORAGE FABRICATED FROM SAME
- MATERIAL AND FINISH AS FABRICATION UNLESS NOTED OTHERWISE. SHIM AND LEVEL FABRICATIONS AS NECESSARY. COAT CONCEALED SURFACES OF ALUMINUM FABRICATIONS IN CONTACT WITH CONCRETE, GROUT, MASONRY, WOOD, OR DISSIMILAR METALS WITH BITUMINOUS
- APPROVED EQUAL MATERIALS:
 - A. ALUMINUM: CONFORMING TO ASTM B 2212 ALLOW 6063-T52 B. STAINLESS STEEL: CONFORMING TO ASTM A666, TYPE 304

057313 GLAZED DECORATIVE METAL RAILINGS (CONT.)

- A. GLAZING: FULLY TEMPERED ASTM C 1048 KIND FT, QUALITY Q3, MONOLITHIC
- TEMPERED THICKNESS 1/2"-3/4" MIN. REQUIRED TO MEET ALL STRUCTURAL REQUIREMENTS. COLOR: CLEAR, POLISHED EDGE B. GLASS SUPPORT BASES: STANDARD EXTRUDED ALUMINUM BASE FOR 1/2" GLASS MODEL 810A, 3/4" GLASS - MODEL 813, TOP MOUNT OR SIDE MOUNT BASE TO 1/2" EMBEDDED STEEL PLATE (BY STEEL FABRICATOR) OR STEEL STRINGER. ALUMINUM BASE IS MOUNTED CONTINUOUS AND IS ANCHORED AT 27" O.C. FOR STEEL AND 9"
- GLASS INFILL SHALL BE 1/2" TEMPERED OR LAMINATED GLASS, CONFORM TO SAFETY REQUIREMENTS OF ANSI Z97.1. GLASS IS GROUTED INTO ALUMINUM BASE.
- FITTINGS: SHALL BE STAINLESS STEEL. HANDRAIL BRACKETS TO BE STAINLESS STELL
- D. <u>FABRICATION</u>: ALL METAL FABRICATION TO BE PERFORMED BY A SIGNLE SOURCE FABRICATOR.

- END DIVISION 5

DIVISION 6 - WOOD AND PLASTICS 061000 ROUGH CARPENTRY

WATERPROOFING

SEE STRUCTURAL CONSTRUCTION DOCUMENTS FOR SPECIFICATIONS RELATED TO STRUCTURAL LUMBER, ENGINEERED WOOD PRODUCTS, PANEL PRODUCTS, FASTENERS, AND ACCESSORIES

- SUBMITTALS:

 1. PRODUCT DATA FOR TREATED WOOD, ENGINEERED WOOD PRODUCTS, FOAM PLASTIC
- SHEATHING, AND BUILDING WRAP. LUMBER: PROVIDE S4S, 19 PERCENT MAXIMUM MOISTURE CONTENT FOR 2-INCH NOMINAL
- THICKNESS OR LESS, MARKED WITH GRADE STAMP OF INSPECTION AGENCY OF THE FOLLOWING GRADE: INTERIOR PARTITION FRAMING: STANDARD, STUD, OR NO. 3 GRADE
- EXPOSED FRAMING: NO. 1 OR NO. 2, MISCELLANEOUS LUMBER FOR NAILERS, BLOCKING, AND SIMILAR CONSTRUCTION: STUD,
- C. PANEL PRODUCTS: DOC PS 2. PROVIDE PLYWOOD COMPLYING WITH DOC PS 1 WHERE PLYWOOD IS INDICATED AND AS FOLLOWS: WALL SHEATHING:
 - ORIENTED STRAND BOARD: EXPOSURE 1. STRUCTURAL I GLASS-MAT GYPSUM: ASTM C 1177/C 1177M EXTRUDED POLYSTYRENE FOAM: ASTM C 578, TYPE IV WITH T&G OR SHIPLAP LONG

PLYWOOD: EXTERIOR OR EXPOSURE 1, STRUCTURAL I, FIRE RETARDANT-TREATED

- POLYISOCYANURATE FOAM: ASTM C 1289, TYPE I, CLASS 2, WITH ALUMINUM FOIL FACINGS. FOAM PLASTIC CORE AND FACINGS SHALL HAVE A FLAME SPREAD OF 25 OR LESS WHEN TESTED INDIVIDUALLY.
- ROOF SHEATHING, WHERE INDICATED ON DRAWINGS PLYWOOD: EXTERIOR OR EXPOSURE 1, STRUCTURAL I ORIENTED STRAND BOARD: EXPOSURE 1, STRUCTURAL I
- PLYWOOD SUBFLOORING: EXTERIOR OR EXPOSURE 1, STRUCTURAL I TELEPHONE AND ELECTRICAL EQUIPMENT BACKING BOARDS: PLYWOOD, EXPOSURE 1, C-D PLUGGED, FIRE RETARDANT TREATED, 1/2" THICK.
- PRESERVATIVE-TREATED MATERIALS: APWA C2 LUMBER AND APWA C9 PLYWOOD, LABELED BY AN INSPECTION AGENCY APPROVED BY ALSC'S BOARD OF REVIEW. AFTER TREATMENT, KILN-DRY LUMBER TO 19 PERCENT MOISTURE CONTENT AND PLYWOOD TO 15 PERCENT. TREAT INDICATED ITEMS AND THE FOLLOWING: WOOD MEMBERS IN CONNECTION WITH ROOFING, FLASHING, VAPOR BARRIERS, AND
- CONCEALED MEMBERS IN CONTACT WITH MASONRY OR CONCRETE WOOD FRAMING LESS THAN 18" ABOVE GRADE WOOD FLOOR PLATES INSTALLED OVER CONCRETE SLABS DIRECTLY IN CONTACT WITH
- FIRE-RETARDANT TREATED MATERIALS: COMPLY WITH PERFORMANCE REQUIREMENTS IN WPA C20 FOR LUMBER AND AWPA C27 FOR PLYWOOD LABELED BY TESTING AND INSPECTING AGENCY. USE INTERIOR TYPE A HIGH TEMPERATURE (HT). TREAT INDICATED ITEMS AND THE FOLLOWING:
- INTERIOR RATED: TELEPHONE AND ELECTRICAL EQUIPMENT BACKING BOARDS EXTERIOR RATED: PLYWOOD SHEATHING AS DETAILED AT ROOF SOFFIT.
- FASTENERS: SIZE AND TYPE INDICATED, GALVANIZED WHEN EXPOSED TO WEATHER, GROUND CONTACT, OR AREAS OF HIGH HUMIDITY, STAINLESS STEEL WHEN FASTENING PRESERVATIVE-TREATED MATERIALS (CONTRACTOR SHALL CONFIRM COMPATIBILITY OF
- FASTENER MATERIAL WITH PRESERVATIVE). METAL FRAMING ANCHORS: HOT-DIP GALVANIZED STEEL OF STRUCTURAL CAPACITY, TYPE, AND SIZE INDICATED.
- BUILDING PAPER: ASPHALT SATURATED ORGANIC FELT COMPLYING WITH ASTM D 226, TYPE 1 (NO. 15 ASPHALT FELT), UNPERFORATED. AIR BARRIERS: AIR-RETARDER SHEETING OR FLUID APPLIED COATING DESIGNED TO

PREVENT WATER INSTRUSION FROM EXTERIOR TO INTERIOR BUT TO ALLOW WATER

- VAPOR TO PASS FROM INTERIOR TO EXTERIOR. SILL-SEALER: GLASS-FIBER INSULATION, 1" THICK, COMPRESSIBLE TO 1/32". ADHESIVE FOR FIELD GLUING PANELS TO FRAMING: APA AFG-01.
- SET ROUGH CARPENTRY TO REQUIRED LEVELS AND LINES WITH MEMBERS PLUMB, TRUE TO LINE, CUT AND FITTED. DISCARD PIECES WITH DEFECTS THAT WOULD LOWER STRENGTH OR RESULT IN UNACCEPTABLE APPEARANCE OF EXPOSED MEMBERS.
- INSTALL STRUCTURAL MEMBER FULL LENGTH WITHOUT SPLICES UNLESS OTHERWISE SPECIFICALLY DETAILED. COMPLY WITH MEMBER SIZES, SPACING, CONFIGURATION, AND FASTENER SIZE AND SPACING AS INDICATED ON THE STRUCTURAL DRAWINGS, BUT NOT LESS THAN REQUIRED
- BY APPLICABLE CODES AND AFPA WCD 1 T11. CONSTRUCT DOUBLE JOIST HEADERS AT FLOOR AND CEILING OPENINGS AND UNDER WALL STUD PARTITIONS THAT ARE PARALLEL TO FLOOR JOISTS.
- FRAME OPENINGS WITH TWO OR MORE STUDS AT EACH JAMB AND SUPPORT HEADERS ON CRIPPLE STUDS. PROVIDE DOUBLE 2x10 HEADERS WITH 1/2" PLYWOOD BETWEEN AND 2x4 BOTTOM PLATE AT ALL DOOR AND WINDOW OPENINGS UNLESS NOTED OTHERWISE.
- FURNISH CONCEALED BLOCKING AND NAILERS WHERE INDICATED AND AT ALL LOCATIONS WHERE WALL HUNG ITEMS WILL REQUIRE A SUBSTRATE FOR FASTENING OR SUPPORT. INSTALL ROOF SHEATHING PERPENDICULAR TO FRAMING MEMBERS WITH ENDS
- STAGGERED AND SHEET ENDS OVER FIRM BEARING. PROVIDE PANELS CLIPS BETWEEN ROOF FRAMING MEMBERS AND SOLID EDGE BLOCKING BETWEEN SHEETS. INSTALL WALL SHEATHING PERPENDICULAR TO TO WALL STUDS WITH ENDS OVER FIRM BEARING AND STAGGERED.
- INSTALL FLOOR SHEATHING PERPENDICULAR TO FLOOR JOISTS WITH ENDS OVER FIRM BEARING. GLUE AND NAIL SHEATHING TO EACH JOIST.

064023 INTERIOR ARCHITECTURAL WOODWORK

- SAMPLES OF FINISH MATERIALS, CATALOG CUTS OF HARDWARE, AND SHOP DRAWINGS INCLUDING DIMENSIONED PLANS, ELEVATIONS, AND SECTIONS.
- B. QUALITY ASSURANCE: ARCHITECTURAL WOODWORK INSTITUTE'S "ARCHITECTURAL WOODWORK QUALITY STANDARDS"
- HARDBOARD: AHA A235.4
- MEDIUM DENSITY FIBERBOARD: ANSI A208.2, GRADE MD, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
- PARTICLEBOARD: ANSI A208.1, GRADE M-2 SOFT PLYWOOD: DOC PS 1
 - HARDWOOD PLYWOOD AND FACE VENEERS: HPVA HP-1, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE. HIGH PRESSURE DECORATIVE LAMINATE: NEMA LD 3 SOLID SURFACE MATERIAL: HOMOGENOUS SOLID SHEETS OF FILLED PLASTIC RESIN COMPLYING WITH ISSFA-2.
 - HARDWARE: COMPLY WITH BHMA A156 HINGES: CONCEALED (EUROPEAN-TYPE) BHMA A156.9 PULLS: AS SPECIFIED ON DRAWINGS
 - DRAWER SLIDES: SIDE-MOUNTED, ZINC-PLATED FULL EXTENSION STEEL DRAWER SLIDES WITH STEEL BALL BEARINGS. COMPLYING WITH BHMA A 156.9, GRADE 1 AND
 - RATED AS FOLLOWS: BOX DRAWERS: 100lbf; FILES DRAWERS: 200 lbf, PENCIL DRAWERS: 45 lbf. DOOR AND DRAWER LOCKS: BHMA A156.11 GROMMETS: MOLDED PLASTIC WITH CAPS; FURNISH IN COLOR AND LOCATIONS AS
 - HARDWARE FINISH: SATIN STAINLESS STEEL: BHMA 630
- COMPLETE FABRICATION BEFORE SHIPPING TO PROJECT SITE TO MAXIMUM EXTENT FEASIBLE. DISASSEMBLE ONLY AS NEEDED FOR SHIPPING AND INSTALLING. WHERE NECESSARY FOR FITTING AT PROJECT SITE, PROVIDE FOR SCRIBING AND TRIMMING.
- MEMBERS, EXCEPT WHERE ENDS WILL BE EXPOSED IN FINISHED WORK.

BACKOUT AND GROOVE BACKS OF FLAT MEMBERS, KERF BACKS OF OTHER WIDE, FLAT

DRAWINGS a. VERTICAL SURFACES: HGS UNLESS NOTED BELOW

ELEVATOR CABS: FIRE RATED LAMINATE

POSTFORMED SURFACES: HGP

- WALL PANELS AND WAINSCOTING: HIGH-WEAR LAMINATE b. HORIZONTAL SURFACES: HGS UNLESS NOTED BELOW RECEPTION COUNTERS AND TRANSACTION TOPS: HIGH-WEAR LAMINATE LAB, EXAM RM. AND PROCEDURE COUNTERS: CHEMICAL RESISTANT LAMINATE
- EDGES: HGS CABINET INTERIORS: BLACK MELAMINE WITH DARK COLOR LAMINATES, WHITE MELAMINE WITH LIGHT COLOR LAMINATES (CONFIRM WITH ARCHITECT) SHELVING AND SUPPORTS: HIGH PRESSURE LAMINATE TO MATCH MELAMINE SUPPORTED ON STAINLESS STL. PINS

064023 INTERIOR ARCHITECTURAL WOODWORK (CONT.)

- H. FLUSH WOOD PANELING FOR TRANSPARENT FINISH:
 - GRADE: PREMIUM VENEER MATCHING: SLIP AND BALANCE VENEER SPECIES AND CUT: PER DRAWINGS WITH VENEER ON ALL FACES AND PANEL
- PANEL MATCHING: SEQUENCE MATCHED UNIFORM SIZE SETS WITHIN EACH AREA PANEL CONSTRUCTION: FACTORY VENEERED PANEL FACES (NO SHOP VENEERED FACES

FINISH ALL WOODWORK IN THE SHOP TO SAME GRADE AS ITEMS BEING FINISHED APPLY ONE COAT OF SEALER OR PRIMER TO CONCEALED SURFACES OF WOODWORK. APPLY TWO COATS TO BACK OF PANELING.

APPLY A VINYL WASH COAT TO WOODWORK MADE FROM CLOSED-GRAIN WOOD BEFORE

- STAINING AND FINISHING. 4. AFTER STAINING, IF ANY, APPLY PASTE WOOD FILLER TO OPEN-GRAIN WOODS AND WIPE OFF EXCESS. TINT FILLER TO MATCH STAINED WOOD. FINISH WITH AWI SYSTEM [TR-0 SYNTHETIC PENETRATING OIL] [TR-4, CONVERSION VARNISH]
- [TR-5, CATALYZED VINYL LACQUER] [TR-6, CATALYZED POLYURETHANE
- DO NOT DELIVER OR INSTALL WOODWORK UNTIL BUILDING IS ENCLOSED, WET WORK IS COMPLETED, HVAC IS OPERATING, AND WOODWORK IS CONDITIONED TO PREVAILING CONDITIONS OF SPACE WHERE INSTALLED INSTALL WOODWORK LEVEL AND PLUMB AND SHIM AS REQUIRED WITH CONCEALED
- SHIMS TO TOLERANCE OF 1/8"/96" AND TO COMPLY WITH REFERENCED QUALITY STANDARD FOR GRADE SPECIFIED. SCRIBE AND CUT WOODWORK TO FIT ADJOINING WORK, SEAL CUT SURFACES, AND
- REPAIR DAMAGED FINISH AT CUTS. INSTALL TRIM WITH MINIMUM NUMBER OF JOINTS POSSIBLE USING FULL-LENGTH PIECES TO GREATEST EXTENT POSSIBLE. STAGGER JOINTS IN ADJACENT AND RELATED
- ANCHOR PANELING WITH CONCEALED PANEL-HANGER CLIPS AND BY BLIND NAILING ON BACK-UP STRIPS, SPLINE-CONNECTION STRIPS, AND SIMILAR ASSOCIATED TRIM AND

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

- END DIVISION 6 -

BUILDING ENVELOPE MEETING WITH ALL DIVISION 7 SUBCONTRACTORS, THE ARCHITECT, AND OWNER SHALL TAKE PLACE ONCE ALL SUBCONTRACTORS HAVE BEEN SELECTED TO ENSURE ALL PRODUCTS ARE COMPATABLE AND TO ELIMINATE ANY GAP IN SCOPE.

- 071326 SELF-ADHERING SHEET WATERPROOFING
- A. <u>SUBMITTALS:</u> PRODUCT DATA AND PRODUCT TEST REPORTS B. <u>QUALITY ASSURANCE:</u> MANUFACTURER QUALIFICATIONS: AUTHORIZED, APPROVED, OR
- LICENSED WATERPROOFING MANUFACTURER. WATERPROOFING MATERIALS: BASIS OF DESIGN - CCW MIRADRI 860/861 AS MANUFACTURED BY CARLISLE COATINGS & WATERPROOFING OR APPROVED EQUAL. TO BE USED WITH MIRADRAIN DRAINAGE SYSTEM AS DETAILED BY CARLISLE DETAIL 860-2D.
 - RUBBERIZED ASPHALT SHEET: 60-mil (1.5 mm) THICK. SELF-ADHERING SHEET CONSISTING OF 56 mils (1.4 mm) OF RUBBERIZED ASPHALT LAMINATED TO A 4-mil (0.10 mm) THICK POLYETHYLENE FILM WITH RELEASE LINER ON ADHESIVE SIDE ACCESSORY PRODUCTS: BASIS OF DESIGN: CCW PRODUCT LINE TO INCLUDE: SURFACE PRIMER, MASTIC AND SEALANTS, SHEET FLASHING, LIQUID MEMBRANE, SUBSTRATE PATCHING MEMBRANE, ADHESIVES, TAPE, AND METAL TERMINATION BARS RECOMMENDED BY WATERPROOFING MANUFACTURER.
- PROVIDE CLEAN, DUST-FREE, AND DRY SUBSTRATES FOR WATERPROOFING APPLICATION

PROTECTION COURSE: BASIS OF DESIGN CCW-PROTECTION BOARD

PERIMETER DRAINAGE SYSTEM: BASIS OF DESIGN - CCW MIRADRAIN HC.

- REMOVE FINS, RIDGES, MORTAR, AND OTHER PROJECTIONS AND FILL HONEYCOMB, AGGREGATE POCKETS, HOLES, AND VOIDS. PREPARE, FILL, PRIME, AND TREAT JOINTS AND CRACKS IN SUBSTRATES BRIDGE AND COVER ISOLATION AND EXPANSION JOINTS WITH OVERLAPPING SHEET
- STRAPS. INVERT AND LOOSELY LAY FIRST SHEET STRIP OVER CENTER OF JOINT. FIRMLY ADHERE SECOND STRIP TO FIRST AND OVERLAP TO SUBSTRATE. PREPARE, PRIME, AND TREAT INSIDE AND OUTSIDE CORNERS, TERMINATION PROTRUSIONS, AND PENETRATIONS THROUGH WATERPROOFING ACCORDING TO ASTM D
- APPLY PRIMER TO SUBSTRATES AT REQUIRED RATE, ALLOW TO DRY, AND INSTALL SELF-ADHERING SHEETS PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND ASTM D 6135

MAINTAINING UNIFORM MINIMUM 21/2" LAP WIDTHS AND END LAPS. OVERLAP AND SEAL

SEAMS AND STAGGER END LAPS. REPAIR ANY TEARS AND VOIDS AND SLIT AND FLATTEN FISHMOUTHS AND BLISTERS. PATCH WITH SHEETS EXTENDING 6" BEYOND REPAIRED AREAS IN ALL DIRECTIONS. INSTALL PROTECTION COURSE OVER WATERPROOFING AND SECURE DRAINAGE PANELS

OVER PROTECTION COURSE WITHOUT PENETRATING WATERPROOFING. LAP EDGES AND

ENDS OF GEOTEXTILE. PROTECT WATERPROOFING SYSTEM FROM DAMAGE DURING CONSTRUCTION.

072726 FLUID-APPLIED MEMBRANE AIR BARRIERS

- A. <u>SUBMITTALS:</u> PRODUCT DATA AND PRODUCT TEST REPORTS QUALITY ASSURANCE: INSTALLER QUALIFICATIONS: AUTHORIZED, APPROVED, OR LICENSED BY
- PRODUCTS: BASIS OF DESIGN: "FIRE RESIST BARRITECH VP" BY CARLISLE COATINGS AND
- WATERPROOFING OR APPROVED EQUAL a. FLAME SPREAD: <25, ASTM E 84 VAPOR PERMEANCE: NOT LESS THAN 10 PERMS, ASTM E-96, METHOD B AIR PERMEANCE: <0.02 I/S*M*M AT 75 Pa
- HOURS, ASTM D 1970 e. WATER RESISTANCE: 55 cm COL. OF WATER FOR 5 HOURS, NO LEAKING OR WET

FASTENER SEALABILITY: NO WATER LEAKING THROUGH NAIL PENETRATIONS AFTER 24

- FIRE PROPAGATION: MEETS REQUIREMENTS OF NFPA 285 IN APPROVED TESTED WALL ASSEMBLIES, REF SHEET A0.05 FOR EXTERIOR WALL ASSEMBLY INFORMATION.
- ACCESSORIES: PROVIDE THE FOLLOWING PRODUCT ACCESSORIES OR APPROVED EQUALS FROM SAME MANUFACTURER AS AIR BARRIER MEMBRANE.
- a. DETAIL FLASHING: FOIL FACED-BUTYL OR FOIL-FACED RUBBERIZED ASPHALT FLASHING MIN. 30 MILS THICKNESS. APPROVIED WITH AIR BARRIER MEMBRANE IN NFPA 285 TESTED
- WALL ASSEMBLIES. CONTACT ADHESIVE: CCW-702-BASED DETAIL MASTIC: SURE-SEAL LAP SEALANT
- TRANSITION MEMBRANE: CCW SURE-SEAL PRESSURE SENSITIVE ELASTOFORM TRANSITION MEMBRANE PRIMER: SURE-SEAL LOW VOC EPDM PRIMER REINFORCING FABRIC: DCH REINFORCING FABRIC

INSTALLATION INSTRUCTIONS, THE APPLICABLE ICC-ES EVALUATION REPORT AND THE

GLASS MAT: LIQUIFIBER-W FILL COMPOUND: 2-PART, NON-SAG POLYURETHANE SEALANT, CCW-703 V OR CCW-201 <u>INSTALLATION:</u> AIR BARRIERS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S

072100 THERMAL INSULATION

CONSTRUCTION DOCUMENTS

APPLICABLE CODE.

- A. <u>SUBMITTALS:</u> PRODUCT DATA FOR EACH TYPE OF INSULATION SPECIFIED
- SMOKE DEVELOPED INDEX: 50 OR LESS IN EXPOSED AREAS AND PLENUMS; 450 OR LESS WHERE CONCEALED.
- EXTRUDED POLYSTYRENE RIGID (XPS) BOARD INSULATION: a. LOCATIONS: TO BE USED BEHIND ADHERED STONE MASONRY WALL ASSEMBLY AND BELOW GRADE. BASIS OF DESIGN PRODUCT: OWENS CORNING "FOAMULAR" 250 XPS INSULATION OR
- APPROVED EQUAL CLASSIFICATION: ASTM C 578, TYPE IV FIRE PROPAGATION: MEETS NFPA 285 IN APPROVED WALL ASSEMBLIES WATER ABSORPTION <=0.3% PER ASTM C272

R-VALUE: MIN. R7.5 AT WALLS, MIN. R10 AT BUILDING FOUNDATION, AS INDICATED IN

- POLYISOCYANURATE (POLYISO) FOAM RIGID BOARD INSULATION: LOCATION: TO BE USED IN METAL COMPOSITE PANEL WALL ASSEMBLY PRODUCT: DOW "THERMAX" (CI) EXTERIOR INSULATION OR APPROVED EQUAL CLASSIFICATION: ASTM C1289, TYPE 1, CLASS 2
- R-VALUE: MIN. R7.5, AS INDICATED IN CONSTRUCTION DOCUMENTS. GLASS FIBER BLANKET INSULATION: MEETS NFPA 285 IN APPROVED ASSEMBLIES a. TYPE I, UNFACED

FIRE PROPAGATION: MEETS NFPA 285 IN APPROVED WALL ASSEMBLIES

074213.23 METAL COMPOSITE MATERIAL WALL PANELS

- - SUBMITTALS:

 1. PRODUCT DATA, TEST DATA, WARRANTIES SHOP DRAWINGS SHOWING ALL PANEL JOINTS LAYOUTS, AND ATTACHMENT DETAILS.
- PANEL SYSTEM ASSEMBLY, FINISH SAMPLES.
- INSTALLER QUALIFICATIONS: AUTHORIZED, APPROVED, OR LICENSED BY MANUFACTURER. MANUFACTURER SHALL HAVE MINIMUM 15 YEARS IN THE MANUFACTURING OF THIS
- PRODUCTS:

 1. COMPOSITE WALL PANELS (REFER TO ELEVATIONS FOR LOCATIONS AND COLOR):

 1. COMPOSITE WALL PANELS (REFER TO ELEVATIONS FOR LOCATIONS AND COLOR): ALUMINUM-FACED COMPOSITE PANELS WITH MOUNTING SYSTEM. PANEL MOUNTING SYSTEM INCLUDING ANCHORAGES, FURRING, FASTENERS, GASKETS AND SEALANTS, RELATED FLASHING ADAPTERS AND MASKING FOR COMPLETE INSTALLATION. a. BASIS OF DESIGN PRODUCT: ALUCOBOND PLUS MANUFACTURED BY 3A
 - COMPOSITES USA OR APPROVED EQUAL. THICKNESS: 4MM (0.157") ALUMINUM FACE SHEETS: THICKNESS (0.020"), ALLOY (3000 SERIES)
 - CORE MATERIAL: FIRE RESISTANT FIRE PERFORMANCE: ASTM E84 CLASS A FIRE PROPAGATION: MEETS NFPA 285 IN APPROVED ASSEMBLIES, REFER TO ICC-ES FSR-3435
 - SYSTEM TYPE: ROUTE AND RETURN DRY FINISH: COIL COATED FLUOROPOLYMER 2-COAT SYSTEM WITH TOPCOAT CONTAINING NOT LESS THAN 70 PERCENT POLYVINYLIDENE FLUORIDE RESIN BY WEIGHT; COMPLYING WITH AAMA 2604, APPLIED BY MANUFACTURER COLOR: AS INDICATED IN DRAWINGS.

075423 THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

- PRODUCT DATA FOR ALL MATERIALS, AND SHOP DRAWINGS OF TAPERED INSULATION
- PROVIDE (30) YEAR MANUFACTURER'S STANDARD WRITTEN WARRANTY, WITHOUT MONETARY LIMITATION, SIGNED BY MANUFACTURER AGREEING TO REPAIR LEAKS DUE TO DEFECTS IN MATERIALS OR WORKMANSHIP AND A (3) YEAR LABOR AND MATERIAL
- EXTERIOR FIRE TEST EXPOSURE: ASTM E 108, CLASS B. TPO SHEET: ASTM D 6878, TYPE II, SCRIM OR FABRIC INTERNALLY REINFORCED 60 MILS 1.5 mm) THICK; COLOR: WHITE.
- BASIS OF DESIGN PRODUCT: FIRESTONE ULTRAPLY TPO OR APPROVED EQUAL. FULLY ADHERED AUXILIARY MATERIALS: RECOMMENDED BY ROOFING SYSTEM MANUFACTURER FOR INTENDED USE AND AS FOLLOWS: SHEET FLASHING: SAME THICKNESS AND COLOR AS SHEET MEMBRANE. BONDING ADHESIVE: TYPE AS RECOMMENDED BY MANUFACTURER

MISCELLANEOUS ACCESSORIES: PROVIDE POURABLE SEALERS, PREFORMED CONE

FLASHINGS, T-JOINT COVERS, LAP SEALANTS, TERMINATION REGLETS, AND OTHER

AND VENT SHEET FLASHINGS, PREFORMED INSIDE AND OUTSIDE CORNER SHEET

POLYISOCYANURATE BOARD INSULATION: ASTM C 1289, TYPE II

WARRANTY FROM THE ROOFING SUBCONTRACTOR.

UTILIZE MIN. (2) LAYERS TO ACHIEVE R-VALUE, STAGGER JOINTS. FABRICATE TAPERED INSULATION WITH SLOPE OF 1/4"/FOOT UNLESS OTHERWISE

MINIMUM R-VALUE: AS INDICATED IN DRAWINGS

4. COVER BOARD: AS INDICATED IN DRAWINGS. MECHANICALLY FASTEN EACH LAYER OF INSULATION TO DECK. INSTALL TPO SHEET ACCORDING TO ROOFING MANUFACTURER'S WRITTEN INSTRUCTIONS UTILIZING FIRESTONE'S "INVISIWELD" SYSTEM ATTACHMENT METHOD OR a. MEMBRANE SHALL BE UNROLLED ON THE AREA TO BE COVERED AND FASTENED

PROVIDE PREFORMED SADDLES, CRICKETS, TAPERED EDGE STRIOS, AND OTHER

INSULATION SHAPES WHERE INDICTED FOR SLOPING TO DRAIN. FABRICATE TO SLOPES

FOR FM I-90 DESIGN FOR THE PROJECT DECK. ENSURE THAT THE DECK MATERIALS AND GRADE HAVE BEEN IDENTIFIED AND THAT THE PROPER FASTENER AND PLATE ARE INSTALLED AT THE NECESSARY SPACING TO ACHIEVE THE DESIGN AS SPECIFIED. FOR ROW SPACING IN EXCESS OF 76" SUBMIT VERIFICATION FROM MANUFACTURER THAT THE DECK AND MEMBRANE ASSEMBLY IS IN COMPLIANCE WITH FM I-90. PERIMETER/CORNER ENHANCEMENT: PERIMETER/CORNER FASTENING ENHANCEMENT SHALL BE INSTALLED AT ALL EXTERIOR ROOF PERIMETERS THAT

ALONG THE LEADING EDGE THROUGH THE MEMBRANE, INSULATION, AND INTO THE

DECK. ADJACENT ROLLS OF MEMBRANE SHALL OVERLAP THE FASTENED EDGE OF

THE INSTALLED MEMBRANE. FASTEN FIELD SHEETS WITH APPROVED FASTENERS

ARE NOT BORDERED BY A PARAPET WALL OR AN ADJOINING BUILDING A MINIMUM

EDGE SHALL BE PROBED WITH AN APPROVED SEAM PROBING TOOL AFTER THE

INSTALL SHEET FLASHINGS AND PREFORMED FLASHING ACCESSORIES AND ADHERE TO

SEAM HAS COOLED COMPLETELY TO VERIFY SEAM CONSISTENCY. SEAL EXPOSED

OF 24" HIGHER THAN THE ROOF LEVEL AND IS REQUIRED AT ANY ADJOING ROOF LEVEL 24" OR GREATER ABOVE THE MAIN DECK LEVEL. PROVIDE FASTENERS AT SPACING REQUIRED BY MANUFACTURER TO COMPLY WITH WIND UPLIFT REQUIREMENTS. LAP SPLICE: MEMBRANE SHALL BE OVERLAPPED AND HOT-AIR WELDED WITHOUT ANY CONTAMINANTS (ADHESIVE, DIRT, DEBRIS, ETC.) IN THE SEAM. THE ENTIRE LAP

SUBSTRATES. PROTECT ROOFING FROM DAMAGE AND WEAR DURING REMAINDER OF CONSTRUCTION PERIOD.

074113.16 METAL ROOF PANELS

EDGES OF SHEET TERMINATIONS.

- A. <u>SUBMITTALS:</u> PRODUCT DATA, SHOP DRAWINGS, AND COLOR SAMPLES <u>PERFORMANCE STANDARD:</u> PROVIDE ROOF ASSEMBLIES THAT COMPLY WITH UL 580 FOR CLASS 90 WIND-UPLIFT RESISTANCE.
- WARRANTIES: PROVIDE MANUFACTURER'S STANDARD WRITTEN WARRANTY, WITHOUT MONETARY LIMITATION, SIGNED BY MANUFACTURER AGREEING TO PROMPTLY REPAIR OR REPLACE METAL ROOF PANELS THAT FAIL TO REMAIN WATERTIGHT WITHIN 10 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

B 209M) FOR ALCLAD ALLOY 3003, 3004, OR 3105.

SYSTEM AS ADJACENT METAL ROOF PANELS.

ROOF PANEL TYPE: STANDING SEAM METALLIC COATED STEEL ROOF PANELS: FABRICATED FROM GALVANIZED STRUCTURAL STEEL SHEET ASTM A 653/A 653M, G90 (Z275), OR ALUMINUM-ZINC

ALLOY-COATED STRUCTURAL STEEL SHEET. ASTM A 792/A 792M, CLASS AZ50

COATING DESIGNATION, GRADE 40 (CLASS AZM150 COATING DESIGNATION GRADE

ALUMINUM ROOF PANELS: FABRICATED FROM ALUMINUM SHEET, ASTM B 209 (ASTM

PROVIDE COMPONENTS REQUIRED FOR A COMPLETE ROOF PANEL ASSEMBLY

UNDERLAYMENT: SELF-ADHERING POLYETHYLENE-FACED, POLYMER-MODIFIED,

BITUMINOUS SHEET ASTM D 1970; 40 MILS (1mm) THICK OR ASPHALT SATURATED

a. METAL THICKNESS: [0.0159" (0.40mm)] [0.0209" (0.55mm)] [0.0269" (0.70mm)] [0.0329" (0.85mm)] [0.0428" (1.10mm)] FINISH: MANUFACTURER'S STANDARD FLUOROPOLYMER 2-COAT SYSTEM WITH TOPCOAT CONTAINING NOT LESS THAN 70 PERCENT POLYVINYLIDENE FLUORIDE RESIN BY WEIGHT; COMPLYING WITH AAMA 2604.

a. METAL THICKNESS: [0.032" (0.8mm)] [0.040" (1.0mm)] b. FINISH: MANUFACTURER'S STANDARD FLUOROPOLYMER 2-COAT SYSTEM WITH TOPCOAT CONTAINING NOT LESS THAN 70 PERCENT POLYVINYLIDENE FLUORIDE RESIN BY WEIGHT; COMPLYING WITH AAMA 2604.

- INCLUDING TRIM, FASCIAE, CLIPS, SEAM COVERS, FLASHINGS, SEALANTS, GASKETS, FILLERS, CLOSURE STRIPS, AND SIMILAR ITEMS. 2. FLASHING AND TRIM: FORMED FROM 0.0179" (0.045mm) THICK, ZINC-COATED (GALVANIZED) STEEL SHEET OR ALUMINUM-ZINC ALLOY-COATED STEEL SHEET. PROVIDE FLASHING AND TRIM AS REQUIRED TO SEAL AGAINST WEATHER AND TO PROVIDE FINISHED APPEARANCE. FINISH FLASHING AND TRIM WITH SAME FINISH
- ORGANIC FELT ASTM D 226, TYPE II (NO. 30) SLIP SHEET: RESIN-SIZED BUILDING PAPER, 5lb/100 sq. ft. (2.4 kg/sq. m) THERMAL SPACERS: WHERE PANELS ATTACH DIRECTLY TO PURLINS, PROVIDE THERMAL SPACERS RECOMMENDED BY PANEL MANUFACTURER. BITUMINOUS COATING: COLD-APPLIED ASPHALT MASTIC, SSPC-PAINT 12,

COMPOUNDED FOR 15-MIL (O.4mm) DRY FILM THICKNESS PER COAT.

INSTALL UNDERLAYMENT ON ROOF SHEATHING UNDER METAL ROOF PANELS, UNLESS OTHERWISE RECOMMENDED BY METAL ROOF PANEL MANUFACTURER AND APPLY SLIP SHEET OVER UNDERLAYMENT. ANCHOR PANELS SECURELY IN PLACE WITH PROVISIONS FOR THERMAL AND STRUCTURAL MOVEMENT. INSTALL WITH CONCEALED FASTENERS UNLESS

PARAGON STAR BLDG 2 / LOT 9

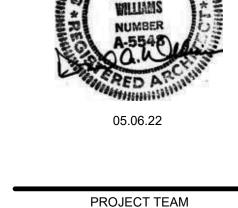
3201 NW PARAGON PKWY

LEE'S SUMMIT, MO Project No.: 19050.01a 09.27.22 Issued For: CONSTRUCTION

REVISIONS 2 9.27.22 ADDENDUM 2

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REGISTRATION



ARCHITECT FINKLE+WILLIAMS ARCHITECTURE CIVIL

LANDSCAPE LAND 3 **BSE STRUCTURAL** FOUNDATIONS **ENGINEERS**

STRUCTURAL

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ELECTRICAL

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FIRE PROTECTION HENDERSON CONTRACTOR FOGEL-ANDERSON

BSE STRUCTRAL

ENGINEERS

HENDERSON

ENGINEERS

HENDERSON

ENGINEERS

SHEET TITLE

PROJECT

8787 RENNER BLVD., SUITE 100

LENEXA, KANSAS 66219

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ARCHITECTURE

SHEET NUMBER

OTHERWISE INDICATED USING STAINLESS STEEL FOR SURFACES EXPOSED TO THE INTERIOR STANDING AND RUNNING TRIM FOR TRANSPARENT FINISH: CUSTOM GRADE, SPECIES EXTERIOR AND GALVANIZED FOR SURFACES EXPOSED TO THE INTERIOR. INSTALL MANUFACTURER RECOMMENDED GASKETS. JOINT FILLERS. AND SEALANTS 057313 GLAZED DECORATIVE METAL RAILINGS PROVIDE 6LB/CF MINERAL ROCK WOOL AT ALL HOLLOW METAL DOOR FRAMES. WHERE REQUIRED FOR WEATHERPROOF PERFORMANCE OF ASSEMBLIES. WOOD CABINETS FOR TRANSPARENT FINISH PROVIDE 4 LB/CF MINERAL ROCK WOOL AT WINDOW HEAD LOCATIONS IN BRICK 4. USE BITUMINOUS COATING TO SEPARATE DISSIMILAR METALS AND WHERE GRADE: PREMIUM SUBMITTALS:
1. PRODUCT DATA ALUMINUM PANELS WILL CONTACT WOOD, FERROUS METAL OR CONCRETE CAVITY WALL AND CONT. AT EA. FLOOR LINE WHERE STUD FRAMING IS CONTINUOUS AWI TYPE OF CABINET CONSTRUCTION: FLUSH OVERLAY PAST FLOOR SLAB. VENEER MATCHING: BALANCE MATCHED SAMPLES VENEER SPECIES AND CUT: PER DRAWINGS, WITH VENEER ON ALL EXPOSED AND SHOP DRAWINGS INCLUDING PLANS, SECTIONS, AND DETAILS AT JOINTS AND PERIMETER SEMIEXPOSED SURFACES. CONDITIONS, ATTACHMENT, AND INTERFACE WITH WORK BY OTHERS. CABINET INTERIORS: BLACK MELAMINE WITH DARK VENEERS, WHITE MELAMINE FOR INSTALL PER MANUFACTURER'S RECOMMENDATION AND AS FOLLOWS: STRUCTURAL CALCULATIONS INSTALL INSULATION IN AREAS AND IN THICKNESSES INDICATED OR REQUIRED TO LIGHT VENEERS (CONFIRM WITH ARCHITECT) MANUFACTURER'S STANDARD WARRANTY PRODUCE R-VALUES WHERE INDICATED. CUT AND FIT TIGHTLY AROUND SHELVING AND SUPPORTS: HIGH PRESSURE LAMINATE TO MATCH MELAMINE SUPPORTED OBSTRUCTIONS AND FILL VOIDS WITH INSULATION. ON STAINLESS STL. PINS DELEGATED DESIGN: FOR PRODUCTS INDICATED TO COMPLY WITH PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA, SEALED DRAWINGS BY A PROFESSIONAL ENGINEER LAMINATE-CLAD CABINETS AND COUNTERTOPS: LICENSED IN THE STATE OF KANSAS. AWI TYPE OF CABINET CONSTRUCTION: FLUSH OVERLAY, UNLESS NOTED OTHERWISE ON PRODUCTS:

1. BASIS OF DESIGN: STRUCT-U-RAIL AS MANUFACTURED BY LIVERS BRONZE CO. OR LAMINATE CLADDING:

<u>DIVISION 7 - THERMAL AND MOISTURE PROTECTION (CONT.</u>

076200 SHEET METAL FLASHING AND TRIM

- SUBMITTALS: PRODUCT DATA, COLOR SAMPLES, AND SHOP DRAWINGS INDICATING MATERIAL, DIMENSIONS, JOINT LOCATIONS, EDGE CONDITIONS, AND METHODS OF ANCHORAGE.
- FABRICATION STANDARD: COMPLY WITH SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL". CONFORM TO DIMENSIONS AND PROFILES SHOWN UNLESS MORE STRINGENT REQUIREMENTS
- COORDINATION: COORDINATE INSTALLATION OF SHEET METAL FLASHING AND TRIM WITH INTERFACING AND ADJOINING CONSTRUCTION TO PROVIDE A LEAKPROOF, SECURE, AND NONCORROSIVE INSTALLATION.
- SHEET METAL:
 1. COPPER: ASTM B 370, TEMPER H00 OR H01, COLD ROLLED, NOT LESS THAN 16 OZ/S.F. (0.55
- ALUMINUM SHEET: ASTM B 209 (ASTM B 209 M) ALLOY 3003, 3004, 3105, OR 5005, TEMPER SUITABLE FOR FORMING AND STRUCTURAL PERFORMANCE REQUIRED, BUT NOT LESS
- THAN H14; NOT LESS THAN 0.032 INCH (O.8 mm) THICK, FINISHED WITH MANUFACTURER'S FLUOROPOLYMER 2-COAT SYSTEM WITH TOPCOAT CONTAINING NOT LESS THAN 70% POLYVINYLIDENE FLUORIDE RESIN BY WEIGHT; COMPLYING WITH AAMA 2604. 3. STAINLESS STEEL SHEET: ASTM A 240/A 240M, TYPE 304, WITH NO. 2D FINISH; NOT LESS
- FLASHING AND TRIM: FABRICATE FLASHING AND TRIM TO COMPLY WITH RECOMMENDATIONS OF SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL" THAT APPLY TO THE DESIGN, DIMENSIONS, METAL, AND OTHER CHARACTERISTICS OF THE ITEM INDICATED OR DETAILED ON THE CONSTRUCTION DRAWINGS. FABRICATE WITH CONCEALED FASTENERS EXCEPT WHERE EXPOSED FASTENERS ARE PERMITTED.

- SOLDER FOR COPPER: ASTM B 32, GRADE Sn50 SOLDER FOR STAINLESS STEEL: ASTM B 32, GRADE Sn60, WITH ACID FLUX OF TYPE RECOMMENDED BY STAINLESS STEEL MFR.
- 3. BUTYL SEALANT: ASTM C 1311, SOLVENT-RELEASE TYPE, FOR EXPANSION JOINTS WITH LIMITED MOVEMENT.
- 4. ASPHALT MASTIC: SSPC-PAINT 12, ASBESTOS FREE, SOLVENT TYPE. ROOFING CEMENT: ASTM D 4586, TYPE I, ASBESTOS FREE, ASPHALT BASED 6. SLIP SHEET: RESIN-SIZED PAPER, MINIMUM 3 LB/100 S.F. (0.16 kg/sq. m)
- INSTALLATION:
 1. COMPLY WITH SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL." ALLOW FOR THERMAL EXPANSION; SET TRUE TO LINE AND LEVEL. INSTALL WORK WITH LAPS, JOINTS
- WHERE POSSIBLE SECURE FLASHINGS AT ROOF EDGES ACCORDING TO FMG LOSS PREVENTION DATA SHEET 1-49 FOR SPECIFIED WIND ZONE.

AND SEAMS PERMANENTLY WATERTIGHT AND WEATHERPROOF; CONCEAL FASTENERS

- 3. SEALED JOINTS: FORM NON-EXPANSION, BUT MOVABLE, JOINTS IN METAL TO ACCOMMODATE ELASTOMERIC SEALANT TO COMPLY WITY SMACNA STANDARDS USING BAYONET TYPE OR INTERLOCKING HOOKED SEAMS.
- FABRICATE NONMOVING SEAMS IN SHEET METAL WITH FLAT-LOCK SEAMS. FOR METAL OTHER THAN ALUMINUM, TIN EDGES TO BE SEAMED, FORM SEAMS AND SOLDER. FOR ALUMINUM, FORM SEAMS AND SEAL WITH EPOXY SEAM SEALER. RIVET JOINTS FOR ADDITIONAL STRENGTH.
- SEPARATION: SEPARATE NON-COMPATIBLE METALS OR CORROSIVE SUBSTRATES WITH A COATING OF ASPHALT MASTIC OR OTHER PERMANENT SEPARATION

077200 ROOF ACCESSORIES

A. <u>SUBMITTALS</u>: PRODUCT DATA, INSTALLATION DETAILS, WARRANTIES

- ROOF CURBS AND EQUIPMENT SUPPORTS: SEE MECHANICAL SPECIFICATIONS FOR MORE INFORMATION, INCLUDE MANUFACTURER'S STANDARD RIGID OR SEMIRIGID INSULATION AND PRESERVATIVE-TREATED WOOD NAILERS AT TOPS. PROVIDE UNITS WITH CANT STRIPS AND BASE PROFILE COORDINATED WITH ROOF INSULATION THICKNESS AND ROOF
- DECK SLOPE. ROOF HATCHES: BASIS OF DESIGN: BILCO E-50TB, THERMALLY BROKEN, INSULATED SINGLE-LEAF, 36" W X 36" D OPENING. FABRICATE FROM METALLIC-COATED STEEL WITH INTEGRAL CURB OF HEIGHT NECESSARY TO EXTEND 8" MIN. ABOVE ROOF SURFACE, DOUBLE WALL CONSTRUCTION WITH 11/2" INSULATION, FORMED CANTS AND CAP FLASHING, WITH WELDED MECHANICAL CORNER JOINTS. PROVIDE DOUBLE-WALL COVER (LID) CONSTRUCTION WITH 1" INSULATION CORE. PROVIDE GASKETING AND CORROSION RESISTANT HARDWARE INCLUDING PINTLE HINGES, HOLD-OPEN DEVICES, INTERIOR PADLOCK HASPS, AND BOTH INTERIOR AND EXTERIOR LATCH HANDLES.
- INSTALLATION: INSTALL ROOF ACCESSORY ITEMS ACCORDING TO CONSTRUCTION DETAILS OF NRCA'S "ROOFING AND WATERPROOFING MANUAL". COORDINATE WITH INSTALLATION OF ROOF DECK, VAPOR BARRIERS, ROOF INSULATION, ROOFING, AND FLASHING TO ENSURE COMBINED ELEMENTS ARE SECURE, WATERPROOF, AND WEATHERTIGHT.

078413 PENETRATION FIRESTOPPING

- SUBMITTALS: PRODUCT DATA AND PRODUCT CERTIFICATES SIGNED BY MFR. CERTIFYING THAT PRODUCTS COMPLY WITH REQUIREMENTS. RATINGS: PROVIDE FIRESTOPPING SYSTEM WITH FIRE RESISTANCE RATINGS INDICATED BY EFERENCE TO UL DESIGNATIONS AS LISTED IN ITS "FIRE RESISTANCE DIRECTORY", OR TO DESIGNATION OF ANOTHER TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING
- FLAME SPREAD/SMOKE DEVELOPED RATINGS: FOR EXPOSED FIRESTOPPING, PROVIDE PRODUCTS WITH FLAME SPREAD INDEXES OF LESS THAN 25 AND SMOKE-DEVELOPED INDEXES
- OF LESS THAN 450, AS DETERMINED ACCORDING TO ASTM E 84. FIRESTOP SYSTEMS: USE SYSTEMS AS DESIGNATED ON THE CONSTRUCTION DRAWINGS, OR IF NOT DESIGNATED, ANY SYSTEM THAT IS CLASSIFIED BY UL AND ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION FOR THE APPLICATION MAY BE USED.
- INSTALLATION: INSTALL FIRESTOPPING SYSTEMS TO COMPLY WITH REQUIREMENTS LISTED IN FESTING AGENCY'S DIRECTORY FOR INDICATED FIRE-RESISTANCE RATING. <u>IDENTIFICATION</u>: IDENTIFY THROUGH-PENETRATION FIRESTOP SYSTEMS WITH PERMANENT LABELS ATTACHED TO SURFACES ADJACENT TO FIRESTOP SYSTEMS SO THAT LABELS WILL BE VISIBLE TO ANYONE SEEKING TO REMOVE PENETRATING ITEMS OR FIRESTOP SYSTEMS. LABELS SHALL INCLUDE THE FOLLOWING: THE WORDS "WARNING - THROUGH PENETRATION FIRESTOP SYSTEM - DO NOT DISTURB" CLASSIFICATION/LISTING DESIGNATION OF APPLICABLE TESTING AND INSPECTING
- THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER'S NAME AND PRODUCT

079200 JOINT SEALANTS

- SUBMITTALS: PRODUCT DATA, COLOR SAMPLES, AND SCHEDULE OF LOCATIONS FOR EACH TYPE OF SEALANT SUBMITTED.
- SEALANT COLORS/MOCKUP: MULTIPLE SEALANT COLORS WILL BE REQUIRED TO COORDINATE WITH COLORS OF MATERIALS BEING SEALED, SHALL BE SELECTED FROM MANUFACTURER'S FULL RANGE OF AVAILABLE COLORS, INCLUDING PREMIUM COLORS, AND SHALL BE VERIFIED FROM A 12" LONG FIELD APPLIED SAMPLE OF EACH COLOR PRIOR TO COMPLETE INSTALLATION.
- ENVIRONMENTAL LIMITATIONS: DO NOT PROCEED WITH INSTALLATION OF JOINT SEALANTS WHEN AMBIENT AND SUBSTRATE TEMPERATURE CONDITIONS ARE OUTSIDE LIMITS PERMITTED BY JOINT SEALANT MANUFACTURER OR ARE BELOW 40 deg F (4.4 deg C).
- COMPATIBILITY: PROVIDE JOINT SEALANTS, JOINT FILLERS, AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES UNDER SERVICE AND APPLICATION CONDITIONS. JOINT SEALANTS
- BUILDING EXPANSION JOINTS: SINGLE COMPONENT, NEUTRAL-CURING SILICONE SEALANT. ASTM C 920, TYPE S; GRADE NS; CLASS 25; USES T, M, AND O, WITH THE ADDITIONAL CAPABILITY TO WITHSTAND 50% MOVEMENT IN BOTH EXTENSION AND COMPRESSION FOR EXTERIOR TRAFFIC BEARING JOINTS WHERE SLOPE PRECLUDES POURABLE SEALANT: SINGLE COMPONENT, NONSAG URETHANE SEALANT, ASTM C920, TYPE S; GRADE NS;
- EXTERIOR TRAFFIC BEARING JOINTS WHERE SLOPE PERMITS USE OF POURABLE SEALANT: SINGLE COMPONENT, POURABLE URETHANE SEALANT, ASTM C 920, TYPE S;
- GRADE P; CLASS 25; USES T, M, G, A, AND O. 4. INTERIOR JOINTS IN CERAMIC TILE AND OTHER HARD SURFACES IN KITCHENS, TOILET
- ROOMS, AND AROUND PLUMBING FIXTURES: SINGLE COMPONENT, MILDEW-RESISTANT SILICONE SEALANT, ASTM C 920, TYPE S; GRADE NS, CLASS 25; USES NT, G, A, AND O;
- FORMULATED WITH FUNGICIDE. INTERIOR JOINTS AROUND PERIMETERS OF DOORS AND FRAMES: LATEX SEALANT, SINGLE COMPONENT, NONSAG, MILDEW-RESISTANT, PAINTABLE, ACRYLIC EMULSION
- SEALANT COMPLYING WITH ASTM C 834. ACOUSTICAL SEALANT FOR EXPOSED INTERIOR JOINTS: NONSAG, PAINTABLE,
- NONSTAINING, LATEX SEALANT COMPLYING WITH ASTM C 834. ACOUSTICAL SEALANT FOR CONCEALED JOINTS: NONDRYING, NONHARDENING, NONSKINNING, NONSTAINING, GUNNABLE, SYNTHETIC-RUBBER SELANT RECOMMENDED FOR SEALING INTERIOR CONCEALED JOINTS TO REDUCE TRANSMISSION OF AIRBORNE

JOINT SEALANT BACKING: CYLINDRICAL CLOSED CELL PVC ROD COMPLYING WITH ASTM C330; SIZE 30% TO 50% LARGER THAN JOINT WIDTH. ALL OPEN CELL BACKINGS SUCH AS "DENVER

- BOND-BREAKER TAPE: POLYETHYLENE TAPE OR OTHER PLASTIC TAPE RECOMMENDED BY SEALANT MFR. FOR PREVENTING SEALANT FROM ADHERING TO RIGID, INFLEXIBLE JOINT-FILLER MATERIALS OR JOINT SURFACES AT BACK OF JOINT.
- <u>INSTALLATION</u>: COMPLY WITH ASTM C 1193; ASTM C 919 FOR ACOUSTICAL JOINTS: AND AS REMOVE ALL LOOSE MATERIAL. CLEAN AND PRIME JOINTS IN ACCORDANCE WITH
- MANUFACTURER'S INSTRUCTIONS, AND PROTECT ADJACENT SURFACES. INSTALL BOND-BREAKER TAPE WHERE JOINT BACKINGS ARE NOT USED. INSTALL SEALANT TOOLED CONCAVE. FREE OF AIR POCKETS, FOREIGN EMBEDDED MATTER, RIDGES, AND SAGS, AND PROTECT UNTIL FULLY CURED. SEALANT WITH DUST AND DEBRIS EMBEDDED IN SURFACE SHALL BE CAUSE FOR REJECTION.

- END DIVISION 7 -

FOAM" ARE PROHIBITED.

DIVISION 8 - DOOR AND WINDOWS

081213 HOLLOW METAL FRAMES SUBMITTALS: PRODUCT DATA AND FRAME SCHEDULE INDICATING OPENING AND FRAME SIZES

CORRESPONDING TO THOSE USED IN CONSTRUCTION DOCUMENTS.

- HOT-ROLLED STEEL SHEETS: ASTM A1011/A 1011M
- COLD-ROLLED STEEL SHEETS: ASTM A 1008/A 1008M OR ASTM A 620/A 620M GALVANIZED STEEL SHEETS: ASTM A 653/A 653M, A40 OR G40 (ZF120 OR Z120) COATING
- STEEL FRAMES: FULLY WELDED, ANSI A 250.8, CONCEALED FASTENING, PREPARED FOR MORTISED AND CONCEALED HARDWARE ACCORDING TO ANSI A 250.6 AND ANSI A 115 SERIES STANDARDS AND REINFORCED TO RECEIVE SURFACE-APPLIED HARDWARE. 1. STEEL SHEET THICKNESS FOR INTERIOR FRAMES: PER DOOR SCHEDULE 2. STEEL SHEET THICKNESS FOR EXTERIOR FRAMES: PER DOOR SCHEDULE
- SUPPORTS AND ANCHORS: MIN. .042" THICK GALVANIZED STEEL SHEET
- PRIMER: MANUFACTURER'S STANDARD FACTORY APPLIED COAT OF RUST-INHIBITIVE PRIMER COMPLYING WITH ANSI A250.10.

1. FRAMES: COMPLY WITH SDI 105 AND INSTALL FIRE-RATED FRAMES PER NFPA 80.

081416 FLUSH WOOD DOORS

- SUBMITTALS: PRODUCT DATA, PREFINISHED DOOR SKIN SAMPLES, AND DOOR SCHEDULE INDICATING DOOR AND FRAME SIZES. TYPES, ELEVATIONS, DETAILS, AND HARDWARE WITH DOOR AND HARDWARE NUMBERING CORRESPONDING TO THOSE USED IN CONSTRUCTION
- B. <u>DOORS:</u> SIZES, SPECIES, AND DESIGNS AS INDICATED COMPLYING WITH WDMA I.S.1-A
- GRADE: PREMIUM VENEER MATCHING: BOOK AND RUNNING
- PAIR MATCHING AND SET MATCHING CONSTRUCTION: INTERIOR VENEER: FIVE OR SEVEN PLY, STRUCTURAL COMPOSITE LUMBER CORES INTERIOR PLASTIC LAMINATE: THREE-PLY, STRUCTURAL COMPOSITE LUMBER CORE FIRE-RATED DOORS: CORE TO PROVIDE FIRE RATING INDICATED WITH FACES AND
- GRADE TO MATCH NON-RATED DOORS. **FABRICATION AND FINISHING:** FACTORY FIT DOORS TO SUIT FRAME OPENINGS TO COMPLY WITH REFERENCED
- STANDARD. COMPLY WITH NFPA 80 FOR FIRE-RESISTANCE RATED DOORS. FACTORY MACHINE DOORS FOR HARDWARE THAT IS NOT SURFACE APPLIED.
- CUT AND TRIM OPENINGS TO COMPLY WITH REFERENCED STANDARDS. LITE KITS: [MATCHING WOOD STOPS] [STEEL STOPS]
- FACTORY FINISH DOORS FOR TRANSPARENT FINISH WITH STAIN AND MANUFACTURER'S STANDARD FINISH COMPARABLE TO AWI, SYSTEM TR-4, CONVERSION VARNISH OR AWI SYSTEM TR-6, CATALYZED POLYURETHANE.
- INSTALLATION: COMPLY WITH WDMA'S "HOW TO STORE, HANDLE, FINISH, INSTALL, AND MAINTAIN WOOD DOORS" ALIGNED AND FITTED IN FRAMES WITH UNIFORM CLEARANCES AND 1. INSTALL FIRE RATED DOORS PER NFPA 80.

083113 ACCESS DOORS AND FRAMES

- PRODUCTS: PRIME-PAINTED FLUSH, UNINSULATED ACCESS DOORS FOR WALLS AND CEILINGS WITH TRIMLESS FRAME AND SCREWDRIVER OPERATED LOCK FLUSH WITH FINISHED SURFACE.
- FIRE-RATED, SELF-LATCHING. AUTOMATIC CLOSING AT FIRE-RATED WALLS OR CEILINGS INSTALLATION: INSTALL FLUSH TO FINISHED DRYWALL SURFACE WITH FRAME TAPED AND SANDED FLUSH WITH WALL OR CEILING SURFACE AND FINISH TO MATCH ADJACENT SURFACE.

084113 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

3. MANUFACTURER'S WARRANTY: 2 YEARS

OF CLEAR SPAN

a. COLOR: CUSTOM COLOR

- INSTALLER QUALIFICATIONS, FABRICATOR QUALIFICATIONS, SOURCE LIMITATIONS 2. PRODUCT DATA FOR EACH SYSTEM SPECIFIED, INCLUDING ACCESSORIES, SEALANTS, AND PRODUCTS TO BE SUPPLIED FOR A COMPLETE INSTALLATION.
- SAMPLES: FULL RANGE OF MANUFUCTURERS STANDARD COLOR, FINISH AND OTHER OPTIONS REQUIRED FOR SELECTION. SHOP DRAWINGS STAMPED AND SIGNED BY LICENSED ENGINEER: INCLUDING DETAILS AT
- JOINTS AND PERIMETER CONDITIONS, FLASHINGS, CONNECTION AND INTERFACE WITH WORK BY OTHERS, EXPANSION AND CONTRACTION JOINT, ANY FIELD WELDING REQUIREMENTS, HARDWARE SCHEDULE.
- CALCULATIONS STAMPED AND SIGNED BY LICENSED ENGINEER: DESIGN LOADS, SYSTEM DIMENSIONS, TOLERANCES, DETAILS AT JOINTS, PERIMETER CONDITIONS, FLASHING, CONNECTIONS TO WORK BY OTHERS, EXPANSION AND CONTRACTION JOINT LOCATIONS,
- AND ANY FIELD WELDING. FOR ENTRANCES, INCLUDE HARDWARE SCHEDULE. SAMPLE WARRANTIES MOCK-UP: ON SITE, INCLUDING HEAD, JAMB AND SILL CONDITIONS AND INTERFACE WITH
- <u>DELEGATED DESIGN:</u> DESIGN GLAZED ALUMINUM CURTAIN WALLS AND GLAZED ALUMINUM WINDOW WALLS, INCLUDING COMPREHENSIVE ENGINEERING ANALYSIS BY A QUALIFIED PROFESSIONAL ENGINEER, USING PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA INDICATED.
- FABRICATOR: COMPANY SPECIALIZING IN MANUFACTURING ALUMINUM GLAZING SYSTEMS WITH MINIMUM THREE YEARS DOCUMENTED EXPERIENCE INSTALLER: COMPANY SPECIALIZING IN INSTALLING ALUMINUM GLAZING SYSTEMS WITH MINIMUM THREE YEARS DOCUMENTED EXPERIENCE

- ALUMINUM SHEET: ASTM B 209 (ASTM B 209M), ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED. 2. ALUMINUM EXTRUSIONS: ASTM B 221 (ASTM B221M), ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED.
- <u>ALUMINUM FRAMED STOREFRONTS</u>: AT INTERIOR LOCATIONS, PROVIDE MANUFACTURER'S STANDARD NON-THERMALLY BROKEN STOREFRONT SYSTEM MATCHING THE EXTERIOR SYSTEM. AT EXTERIOR LOCATIONS, PROVIDE MANUFACTURER'S STANDARD THERMALLY BROKEN, EXTRUDED ALUMINUM STOREFRONT SYSTEM CONSISTING OF FRAMING MEMBERS OF THICKNESS REQUIRED AND REINFORCED AS REQUIRED TO SUPPORT IMPOSED LOADS AND TO FIT THE DIMENSIONS AND DEPTHS INDICATED ON THE CONSTRUCTION DOCUMENTS AND
- COMPLYING WITH THE FOLLOWING: 1. <u>STRUCTURAL PERFORMANCE</u>: PROVIDE SYSTEMS, INCLUDING ANCHORAGE, CAPABLE OF WITHSTANDING THE FOLLOWING LOADS:
- MAIN FRAMING MEMBER DEFLECTION: LIMITED TO 1/175 OF CLEAR SPAN OR 3/4" WHICHEVER IS SMALLER STRUCTURAL TESTING: SYSTEMS WHEN TESTED ACCORDING TO ASTM E 330 AT 150 PERCENT OF INWARD AND OUTWARD WIND-LOAD DESIGN PRESSURE DO NOT EVIDENCE MATERIAL FAILURES, STRUCTURAL DISTRESS, DEFLECTION FAILURES, OR PERMANENT DEFORMATION OF MAIN FRAMING MEMBERS ECEEDING 0.2 PERCENT
- AIR INFILTRATION: LIMITED TO 0.06 CFM/SQ. FT. (0.03 L/s PER SQ. IN.) OF SYSTEM SURFACE AREA WHEN TESTED ACCORDING TO ASTM E 283 AT A STATIC-AIR-PRESSURE DIFFERENCE
- OF 1.57 lbf/sq. ft. (75 Pa) WATER PENETRATION: SYSTEMS DO NOT EVIDENCE WATER LEAKAGE WHEN TESTED ACCORDING TO ASTM E 331 AT MINIMUM DIFFERENTIAL PRESSURE OF 20 PERCENT OF POSITIVE WIND-LOAD DESIGN PRESSURE, BUT NOT LESS THAN 6.24 lbf/sq. ft. (300 Pa). AVERAGE U-FACTOR: NOT MORE THAN 0.69 Btu/sq. ft. x h x deg. f (3.92 W/sq. m x K) PER AAMA
- 5. <u>DOORS:</u> 1-3/4" THICK GLAZED DOORS WITH MINIMUM 0.125" THICK EXTRUDED TUBULAR RAIL AND STILE MEMBERS. MECHANICALLY FASTENED CORNERS WITH REINFORCED BRACKETS THAT ARE DEEP PENETRATION AND FILLET WELDED OR THAT INCORPORATE CONCEALED TIE-RODS, SNAP-ON EXTRUDED ALUMINUM GLAZING STOPS, AND PREFORMED GASKETS.
- a. INTERIOR DOORS: GLAZE WITH 1/4" CLEAR TEMPERED GLASS. PROVIDE ANSI/BHMA A156.16 SILENCERS. THREE ON STRIKE JAMB OF SINGLE DOOR FRAMES AND TWO ON HEAD OF DOUBLE DOOR FRAMES.

LOCATIONS, PROVIDE SLIDING WEATHERSTRIPPING RETAINED IN ADJUSTABLE STRIP

- EXTERIOR DOORS: GLAZE WITH INSULATED TEMPERED GLASS UNITS MATCHING STOREFRONT GLASS OR CLEAR INSULATED GLASS PER CONSTRUCTION DRAWINGS. PROVIDE COMPRESSION WEATHERSTRIPPING AT FIXED STOPS. AT OTHER
- MORTISED INTO DOOR EDGE. HARDWARE: PER DOOR SCHEDULE FASTENERS AND ACCESSORIES: COMPATIBLE WITH ADJACENT MATERIALS, CORROSION-
- RESISTANT. NONSTAINING, AND NONBLEEDING. USE CONCEALED FASTENERS EXCEPT FOR APPLICATION OF DOOR HARDWARE. FABRICATION: FABRICATE FRAMING IN PROFILES INDICATED. PROVIDE SUBFRAMES AND REINFORCING AS REQUIRED FOR A COMPLETE SYSTEM. FACTORY ASSEMBLE COMPONENTS TO GREATEST EXTENT POSSIBLE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR SHIPMENT AND INSTALLATION. DOORS FRAMING: REINFORCE TO SUPPORT IMPOSED LOADS. FACTORY ASSEMBLE DOOR AND FRAME UNITS AND FACTORY INSTALL HARDWARE TO GREATEST EXTENT POSSIBLE. REINFORCE DOOR AND FRAME UNITS FOR HARDWARE INDICATED. CUT.

DRILL, AND TAP FOR FACTORY-INSTALLED HARDWARE BEFORE FINISHING

- 8. <u>ALUMINUM FINISH</u>: COMPLY WITH NAAMM'S "METAL FINISHES MANUAL FOR ARCHITECTURAL AND METAL PRODUCTS" FLUOROPOLYMER, 2-COAT SYSTEM, COMPLYING WITH AAMA 2604
- ISOLATE METAL SURFACES IN CONTACT WITH INCOMPATIBLE MATERIALS, INCLUDING WOOD, BY PAINTING CONTACT SURFACES WITH BITUMINUOUS COATING OR PRIMER, OR BY APPLYING SEALANT TAPE RECOMMENDED BY MANUFACTURER.
- 2. INSTALL FRAMING COMPONENTS TO PROVIDE A WEATHERPROOF SYSTEM AND TRUE IN ALIGNMENT WITH ESTABLISHED LINES AND GRADES TO THE FOLLOWING TOLERANCES: VARIATION FROM PLANE: LIMIT TO 1/8" IN 12 FEET: 1/4" OVER TOTAL LENGTH LIGNMENT: FOR SURFACES ABUTTING LINE, LIMIT OFFSET TO 1/16". FOR SURFACES MEETING AT CORNERS, LIMIT OFFSET TO 1/32".
- DIAGONAL MEASUREMENTS: LIMIT DIFFERENCE BETWEEN DIAGONAL MEASUREMENTS TO 1/8" PERIMETER JOINTS: 1/2" MAXIMUM.
- INSTALL DOORS WITHOUT WARP OR RACK. ADJUST DOORS AND HARDWARE TO PROVIDE TIGHT FIT AT CONTACT POINTS AND SMOOTH OPERATION.

- SUBMITTALS: PRODUCT DATA AND HARDWARE SCHEDULE INDICATING HARDWARE ITEM, FINISH, AND QUANTITY LOCATED ON EACH DOOR WITH DOOR AND HARDWARE SET NUMBERING
- CORRESPONDING TO THOSE USED IN CONSTRUCTION DOCUMENTS. B. <u>HARDWARE</u>: FURNISH PRODUCTS AS SPECIFIED IN THE HARDWARE SETS CONTAINED IN THE
- CONSTRUCTION DOCUMENTS AND AS FOLLOWS:
- a. QUANTITY: 3 HINGES FOR DOORS 90" OR LESS IN HEIGHT; 4 HINGES FOR DOORS MORE THAN 90" IN HEIGHT. BEARING: BALL BEARING HINGES AT ALL LOCATIONS.
 - MATERIAL: STAINLESS STEEL OR BRASS/BRONZE HINGES WITH STAINLESS STEEL PINS FOR EXTERIOR; FINISH TO MATCH DOOR. PINS: NONREMOVABLE PINS FOR EXTERIOR AND PUBLIC INTERIOR EXPOSURE; NON-RISING ELSEWHERE.
- LOCKSETS AND LATCHSETS
 - BORED LOCKS AND LATCHES: BHMA A156.2, SERIES 4000, GRADE 1 EXIT DEVICES: BHMA A156.3. GRADE 1
 - AUXILIARY LOCKS: BHMA A156.5, GRADE 1 INTERCONNECTED LOCKS AND LATCHES: BHMA A156.12, SERIES 5000, GRADE 1 MORTISE LOCKS AND LATCHES: BHMA A156.13, SERIES 1000, GRADE 1 TRIM: LEVER HANDLE STYLE PER CONSTRUCTION DOCUMENTS OR IF NOT SPECIFIED, MATCH BUILDING STANDARD. IF NOT SPECIFIED AND NO STANDARD
 - KEYING: PROVIDE CONSTRUCTION KEYING AND COORDINATE FINAL KEYING WITH OWNER'S MASTER-KEY SYSTEM. FURNISH KEY CONTROL SYSTEM, INCLUDING

EXISTS, MATCH SCHLAGE "OMEGA"; TRIM ON EXIT DEVICES SHALL MATCH

- a. LOCATION: MOUNT CLOSERS ON INTERIOR (ROOM SIDE) OF DOOR OPENING. PROVIDE REGULAR-ARM, PARALLEL-ARM, OR TOP-JAMB-MOUNTED CLOSERS AS
 - b. OPTIONS: FURNISH ADJUSTABLE DELAYED OPENING (ADA ACCESSIBLE) FEATURE ON
- STOPS: FURNISH AND INSTALL WALL OR FLOOR STOPS AS APPROPRIATE FOR ALL DOORS WHETHER INDICATED OR NOT. WEATHERSTRIPPING: AT ALL EXTERIOR DOORS AND AS SCHEDULED, PROVIDE
- WEATHERSTRIPPING ON HEAD AND JAMBS AND DRIP-SWEEP AT SILL. SMOKE GASKETING: PROVIDE SMOKE GASKETING AT ALL FIRE-RATED DOORS. THRESHOLDS: PROVIDE THRESHOLDS AT ALL EXTERIOR DOORS AND AS SCHEDULED

INSTALLATION: MOUNT HARDWARE IN LOCATIONS RECOMMENDED BY THE DOOR AND

HARDWARE INSTITUTE, UNLESS OTHERWISE INDICATED.

- A. <u>SUBMITTALS</u>: PRODUCT DATA AND (2) 12" SQUARE SAMPLES OF EACH TYPE OF GLASS SPECIFIED.
 - FIRE RESISTANCE-RATED ASSEMBLIES: PRODUCTS IDENTICAL TO THOSE TESTED PER NFPA 252 FOR DOORS AND NFPA 257 FOR WINDOW ASSEMBLIES; BOTH LABELED AND LISTED BY UL OR ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO
 - AUTHORITIES HAVING JURISDICTION. SAFETY GLASS: CATEGORY II MATERIALS COMPLYING WITH TESTING REQUIREMENTS IN 16
 - GLAZING PUBLICATIONS: WHERE APPLICABLE, COMPLY WITH WITH THE PUBLISHED
 - RECOMMENDATIONS OF THE FOLLOWING: GANA PUBLICATIONS: "GLAZING MANUAL" AND "LAMINATED GLASS DESIGN GUIDE" AAMA PUBLICATIONS: AAMA GDSG-1, "GLASS DESIGN FOR SLOPED GLAZING", AND AAMA TIR-A7. "SLOPED GLAZING GUIDELINES".

SIGMA PUBLICATIONS: SIGMA TM-3000, "VERTICAL GLAZING GUIDELINES" AND SIGMA

- TB-3001, "SLOPED GLAZING GUIDELINES". FLOAT GLASS: ASTM C 1036, TYPE I, QUALITY q3
- HEAT-TREATED FLOAT GLASS: ASTM C 1048, TYPE I, QUALITY q3, HEAT STRENGTHENED OR FULLY TEMPERED WHERE INDICATED AND WHERE REQUIRED BY CODE OR INSTALLATION CONDITIONS
- COATED GLASS: ASTM C 1048. CONDITION C, TYPE I, QUALITY q3, HEAT STRENGTHENED OR FULLY TEMPERED WHERE INDICATED AND WHERE REQUIRES BY CODE OR INSTALLATION CONDITIONS.
- WIRED GLASS: TYPE II, CLASS I, QUALITY q8, FORM 1 POLISHED, WITH m2 SQUARE
- PATTERNED GLASS: ASTM C 1036, TYPE II, CLASS 1, FORM 3, QUALITY q8, FINISH F1 PATTERN PER CONSTRUCTION DRAWINGS. TEMPERED PATTERNED GLASS: ASTM C 1048. TYPE II, CLASS 1, FORM 3, QUALITY q8,
- FINISH F1, PATTERN PER CONSTRUCTION DRAWINGS. MIRROR GLASS: ASTM C 1036, TYPE I, CLASS 1, QUALITY q1, SILVER COATED PER FS DDM411C, 6.0mm THICK, WITH EDGES FLAT POLISHED.
- SEALED INSULATING-GLASS UNITS: PREASSEMBLED UNITS COMPLYING WITH ASTM E 774 FOR CLASS CBA UNITS WITH TWO SHEETS OF GLASS SEPARATED BY A 1/2-INCH
- DEHYDRATED SPACE FILLED WITH AIR. a. VISION GLASS: (**GL-1**) PPG SOLARBAN 70XL SOLAR CONTROL LOW-E GLASS OR APPROVED EQUAL • 1/4" CLEAR, 1/2" AIR SPACE, 1/4" CLEAR - PROVIDE LOW-E COATING ON 2ND
- SURFACE. VISIBILE LIGHT TRANSMITTANCE: 64% SOLAR HEAD GAIN COEFFICIENT: 0.27
- SPANDREL GLASS: (SP-1) TO MATCH VISION GLASS WITH OPACIFIER APPLIED TO FOURTH SURFACE WARRANTY: 10 YEAR WARRANTY TO INCLUDE REPLACEMENT OF SEALED UNITS EXHIBITING SEAL FAILURE, INTERPANE DUSTING OR MISTING.
- COMPLY WITH COMBINED RECOMMENDATIONS OF MANUFACTURERS OF GLASS,
- SEALANTS, GASKETS, AND OTHER GLAZING MATERIALS, UNLESS MORE STRINGENT REQUIREMENTS ARE CONTAINED IN GANA'S "GLAZING MANUAL" SET GLASS LITES IN EACH SERIES WITH UNIFORM PATTERN, DRAW, BOW, AND SIMILAR CHARACTERISTICS.

AFTER GLASS INSTALLATION IS COMPLETE, REMOVE GLAZING MATERIALS AND LABELS

FROM FINISHED SURFACES, AND THOROUGHLY CLEAN GLASS AND ADJACENT FRAMING

AND SURFACES. REPEAT AS NECESSARY PRIOR TO FINAL WALK-THROUGH. - END DIVISION 8 -

<u>DIVISION 9 - FINISHES</u>

- 092216 NON-STRUCTURAL METAL FRAMING
- STEEL FRAMING MEMBERS: COMPLY WITH ASTM C754 IN DEPTHS AND GAGES AS INDICATED IN THE CONSTRUCTION DRAWINGS AND AS FOLLOWS STEEL SHEET COMPONENTS: COMPLY WITH ASTM C645 WITH MANUFACTURER'S
- STANDARD CORROSION-RESISTANT ZINC COATING. TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER. .0625" DIAMETER OR DOUBLE STRAND OF .0475" DIAMTER WIRE.
- WIRE HANGERS: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER. .0162"

- PANEL PRODUCTS: PROVIDE IN THICKNESS AND TYPE INDICATED IN THE CONSTRUCTION
- DRAWINGS IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END-TO-END BUTT JOINTS AND AS GYPSUM WALLBOARD: ASTM C 36, TYPE 'X' WITH TAPERED EDGES, SAG-RESISTANT TYPE FOR CEILING SURFACES.
- WATER-RESISTANT GYPSUM BACKING BOARD: ASTM C 630, TYPE 'X' ON ALL TOILET ROOM AND SHOWER ROOM WALLS, BEHIND ALL PLUMBING FIXTURES, AND AS INDICATED GLASS-MAT, WATER RESISTANT GYPSUM BACKING BOARD: ASTM C 1178, GEORGIA
- PACIFIC "DENS-SHIELD TILE BACKER", OR EQUAL AT TILED, 'WET' WALLS EXTERIOR SOFFIT BOARD: GEORGIA PACIFIC "DENS-GLAS GOLD", OR APPROVED EQUAL CEMENTITIOUS BACKER UNITS: ANSI A118.9.
- MPACT RESISTANT GYPSUM BOARD: ASTM C 1629/C 1629M WITH TAPERED EDGES. GLASS-MAT GYPSUM SHEATHING BOARD: ASTM C 1177, WITH FIBERGLASS MAT AMINATED TO BOTH SIDES AND WITH MANUFACTURER'S STANDARD EDGES, GEORGIA PACIFIC "DENSGLASS GOLD SHEATHING"
- TRIM: ASTM 1047, FORMED FROM GALVANIZED OR ALUMINUM COATED STEEL SHEET,
 - ROLLED ZINC, OR PLASTIC a. OUTSIDE CORNERS: PROVIDE CORNER BEAD UNLESS NOTED OTHERWISE EXPOSED PANEL EDGES: PROVIDE LC-BEAD (J-BEAD) UNLESS NOTED OTHERWISE USE TEAR-AWAY BEAD WHERE GYP. BD. MEETS WINDOW FRAMES OR CEILING GRID.
 - CONTROL JOINTS: PROVIDE WHERE INDICATED OR APPROXIMATELY 30'-0" MAX. CONTACT ARCHITECT FOR LOCATIONS IF NOT INDICATED. REVEALS AND MOLDINGS: EXTRUDED ALUMINUM WITH CLASS II CLEAR ANODIZED

ACOUSTICAL SEALANT: COMPLY WITH ASTM C 834, NONSAG, PAINTABLE, NONSTAINING

SOUND-ATTENUATION BLANKETS: ASTM C 665, TYPE I (UNFACED)

OF GYPSUM BOARD AS NECESSARY TO MAINTAIN THE FIRE RATED ASSEMBLY BEHIND THE

- FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL O THOSE TESTED IN ASSEMBLIES AS INDICATED BY AND INDEPENDENT TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. WHERE DECORATIVE REVEALS ARE INDICATED IN A RATED ASSEMBLY, PROVIDE ADDITIONAL LAYERS
- STC-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE STED IN ASSEMBLIES PER ASTM E 90 AND CLASSIFIED PER ASTM E 413 BY A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY.

LAYER CONTAINING THE REVEALS.

(CONT) 092900 GYPSUM BOARD

- FRAMING: COMPLY WITH ASTM C 754 AND ASTM C 840 AND WITH U.S. GYPSUM'S "GYPSUM CONSTRUCTION HANDBOOK" ISOLATE FRAMING FROM BUILDING STRUCTURE TO PREVENT TRANSFER OF LOADING IMPOSED BY STRUCTURAL MOVEMENT AND PROVIDE
 - BRACING AS NECESSARY FOR PROPER SUPPORT WHETHER INDICATED OR NOT. GYPSUM PANELS AND FINISH: COMPLY WITH ASTM C 840 AND GA-216. ISOLATE GYPSUM BOARD ASSEMBLIES FROM ABUTTING STRUCTURAL AND MASONRY WORK AND FINISH AS
 - a. LEVEL 1 (EMBED TAPE AT JOINTS) • LOCATIONS: AT CONCEALED AREAS UNLESS A HIGHER LEVEL IS INDICATED OR
 - REQUIRED FOR FIRE-RESISTANCE-RATED ASSEMBLY. b. LEVEL 2 (EMBED TAPE AND APPLY SEPARATE FIRST COAT OF JOINT COMPOUND TO TAPE. FASTENERS, AND TRIM FLANGES AND SAND SMOOTH AFTER EACH COAT)
 - LOCATIONS: AT SUBSTRATES BEHIND TILE. LEVEL 4 (EMBED TAPE AND APPLY SEPARATE FIRST, FILL, AND FINISH COATS OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES AND SAND SMOOTH AFTER EACH COAT)
 - LOCATIONS: AT ALL WALLS RECEIVING FLAT OR SATIN SHEEN PAINT OR WALLCOVERING LEVEL 5 (EMBED TAPE, APPLY SEPARATE FIRST, FILL, AND FINISH COATS OF JOINT
 - COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES, AND APPLY THIN SKIM COAT OF JOINT COMPOUND OVER ENTIRE SURFACE AND SAND SMOOTH AFTER EACH
 - LOCATIONS: AT ALL WALLS RECEIVING SEMI-GLOSS OR GLOSS SHEEN PAINT LONG HALLWAYS, CRITICAL LIGHTING AREAS ABUTTING WINDOWS OR AREAS FLOODED WITH NATURAL OR ARTIFICIAL LIGHT, ALL WALLS ADJACENT TO AND PERPINDICULAR TO EXTERIOR GLASS, AND ALL GYPSUM BOARD CEILINGS TERMINATIONS AT WINDOW MULLIONS: WHEN GYPSUM BOARD PARTITIONS TERMINATE
 - INTO WINDOW MULLIONS, THE TERMINATIONS SHALL BE INSTALLED AS DETAILED ON THE CONSTRUCTION DOCUMENTS. IF NOT DETAILED, THE TERMINATIONS SHALL BE INSTALLED TO ALLOW PERIMETER WINDOW BLINDS TO EXTEND FULLY TO THE WINDOW MULLION, NOT CUT SHORT DUE TO THE WIDTH OF THE PARTITION.

093013 CERAMIC TILE

- SUBMITTALS: PRODUCT DATA FOR SETTING AND GROUTING MATERIALS AND THREE (3) SAMPLES OF EACH TILE SPECIFIED FOR VERIFICATION PURPOSES.
- B. <u>ATTIC STOCK</u>: FURNISH 2% OF EACH TYPE OF CERAMIC TILE PACKAGED WITH PROTECTIVE
- C. TILE: COMPLY WITH STANDARD GRADE REQUIREMENTS IN ANSI A137.1 "SPECIFICATIONS FOR CERAMIC TILE" FOR PRODUCTS AND SIZES INDICATED IN THE CONSTRUCTION DOCUMENTS. FLOOR TILE SHALL HAVE A STATIC COEFFICIENT OF FRICTION OF 0.6 OR GREATER PER ASTM C
- D. <u>INSTALLATION MATER</u>IALS

COVERING AND LABELED FOR STORAGE.

- TYPICAL INTERIOR INSTALLATIONS: LATEX/POLYMER MODIFIED PORTLAND CEMENT COMPLYING WITH ANSI A108.5 AND ANSI 118.4. GLASS TILE: PER TILE MANUFACTURER'S RECOMMENDATIONS
- GROUT:UNSANDED FOR JOINTS 1/16" WIDTH OR LESS, SANDED FOR JOINTS GREATER THAN 1/16" IN COLOR INDICATED OR TO BE SELECTED. TYPICAL INTERIOR INSTALLATIONS: STANDARD CEMENT GROUT, FOOD SERVICE, BUILDING LOBBIES, AND RESTROOMS: WATER-CLEANABLE EPOXY 3. SETTING BED ACCESSORIES: ANSI A 108.1A
- INSTALLATION METHODS: COMPLY WITH TILE INSTALLATION STANDARDS IN ANSI'S 'SPECIFICATIONS FOR THE INSTALLATIONS OF CERAMIC TILE" AND TCA'S "HANDBOOK FOR CERAMIC TILE INSTALLATION" THAT APPLY TO THE MATERIALS AND METHODS INDICATED BELOW: PROVIDE CRACK BRIDGING MEMBRANE OVER ALL CONTROL JOINTS AND COLD JOINTS IN SLAB. AT ALL LOCATIONS WHERE TILE EDGES ARE DESIGNED TO BE EXPOSED, FACTORY
- EDGES SHALL BE EXPOSED IN LIEU OF CUT EDGES. 1. EXTERIOR CONCRETE WALKWAYS AND PATIOS: TCA F102 (THIN-SET MORTAR BONDED TO ON-GRADE CONCRETE SLABS: TCA F113 (THIN-SET MORTAR BONDED TO CONCRETE
- 3. ELEVATED CONCRETE SLABS: TCA F113 (THIN-SET MORTAR BONDED TO CONCRETE SLAB) IF FLOOR IS SUBJECT TO MOVEMENT AND DEFLECTION CONTACT ARCHITECT FOR FLOORS IN FOOD SERVICE, BUILDING LOBBIES, AND RESTROOMS: TCA F-115 (THIN-SET MORTAR BONDED TO CONCRETE SUBFLOOR WITH EPOXY GROUT) OVER CMU OR CONCRETE: TCA W202 (LATEX PORTLAND CEMENT MORTAR OVER
- OVER GYPSUM BOARD: TCA W243 (THIN-SET MORTAR BONDED TO GYPSUM BOARD) OVER COATED GLASS-MAT BACKER BOARD: TCA W245 (THIN-SET MORTAR BONDED TO BACKER BOARD)

TERMINATIONS: WHERE CUT TILE IS SPECIFIED AS THE TOP COURSE ON WALL WAINSCOTING

- OR WALL BASE WITH AN EXPOSED TOP EDGE, THE FACTORY EDGE SHALL BE USED AS THE G. CONFLICTS: IF NOT ADDRESSED ON DRAWINGS, WHERE ELECTRICAL DEVICES OR TOILET ACCESSORIES STRADDLE THE TRANSITION FROM THE TOP EDGE OF WAINSCOT WALL TILE TO
- H. GROUT JOINTS:

 1. JOINT SIZE: SET TILE WITH THE SMALLEST GROUT JOINT ACHIEVABLE AND AS

TO AVOID REMOVAL OF GROUT COLOR BY USE OF EXCESS WATER DURING

INSTALLATION. FADED OR CHALKY GROUT SHALL BE CAUSE FOR REJECTION.

GYPSUM BOARD SUBSTRATE, CONTACT ARCHITECT FOR RESOLUTION.

RECOMMENED BY THE MFR. BASED ON THE TILE PRODUCT AND SUBSTRATE CONDITIONS, UNLESS NOTED OTHERWISE. 2. TILE PATTERN: LAY TILE IN PATTERNS AS INDICATED IN THE CONSTRUCTION DOCUMENTS. ALIGN JOINTS WHERE ADJOINING TILES ON FLOOR, BASE, WALLS, AND TRIM ARE THE SAME SIZE, UNLES INDICATED OTHERWISE. INSTALLATION: INSTALL GROUT PER MANUFACTURER'S INSTRUCTIONS, EXERCISING CARE

SEALER: AFTER FULLY CURED, GROUT SHALL BE SEALED WITH TWO (2) COATS OF COMMERCIAL QUALITY PENETRATING SILICONE SEALER.

- SUBMITTALS: PRODUCT DATA FOR SETTING AND GROUTING MATERIALS AND THREE (3)
- SAMPLES OF EACH TILE SPECIFIED FOR VERIFICATION PURPOSES. ATTIC STOCK: FURNISH 2% OF EACH TYPE OF STONE TILE PACKAGED WITH PROTECTIVE
- OVERING AND LABELED FOR STORAGE. STONE TILE: COMPLY WITH STANDARDS BELOW FOR PRODUCTS, SIZES, THICKNESSES,
- 1. GRANITE: COMPLY WITH ASTM C 615, LIMESTONE: COMPLY WITH ASTM C568, CLASSIFICATION II (MEDIUM DENSITY), OR CLASSIFICATION III (HIGH DENSITY
- MARBLE: COMPLY WITH ASTM C 503, CLASSIFICATION I (CALCITE), OR CLASSIFICATION II (DOLOMITE). 4. SLATE: COMPLY WITH ASTM C 629 CLASSIFICATION I (EXTERIOR), OR

AND FINISHES INDICATED IN THE CONSTRUCTION DOCUMENTS.

CLASSIFICATION II (INTERIOR).

THE MATERIALS AND METHODS INDICATED.

CLASSIFICATION II (INTERIOR) SETTING AND GROUTING MATERIALS: COMPLY WITH THE MATERIALS STANDARDS IN ANSI'S "SPECIFICATIONS FOR THE INSTALLATIONS OF CERAMIC TILE" THAT APPLY TO

TRAVERTINE: COMPLY WITH ASTM C 1527 CLASSIFICATION I (EXTERIOR), OR

- 2. FLOOR SEALER: COLORLESS, SLIP AND STAIN RESISTANT, NOT AFFECTING COLOR OR PHYSICAL PROPERTIES OF STONE SURFACES.
- INSTALLATION METHODS: COMPLY WITH THE TILE INSTALLATION STANDARDS IN ANSI'S "SPECIFICATIONS FOR THE INSTALLATIONS OF CERAMIC TILE" THAT APPLY TO THE MATERIALS AND METHODS INDICATED. ON-GRADE CONCRETE SLABS: TCA F113 (THIN-SET MORTAR BONDED TO CONCRETE

ELEVATED CONCRETE SLABS: TCA F113 (THIN-SET MORTAR BONDED TO CONCRETE

SLAB) IF FLOOR IS SUBJECT TO MOVEMENT AND DEFLECTION CONTACT ARCHITECT

- FOR ALTERNATE METHOD. OVER CMU OR CONCRETE: TCA W202 (LATEX PORTLAND CEMENT MORTAR OVER CONCRETE OR MASONRY). 4. OVER GYPSUM BOARD: TCA W243 (THIN-SET MORTAR BONDED TO GYPSUM BOARD)
- JOINT SIZE: SET TILE WITH THE SMALLEST GROUT JOINT ACHIEVABLE BASED ON THE TILE PRODUCT AND SUBSTRATE CONDITIONS, UNLESS NOTED OTHERWISE.
 - THE SAME SIZE, UNLESS INDICATED OTHERWISE. INSTALLATION: INSTALL GROUT PER MANUFACTURER'S INSTRUCTIONS, EXERCISING CARE TO AVOID REMOVAL OF GROUT COLOR BY USE OF EXCESS WATER DURING

ACCORDING TO SEALER MANUFACTURER'S WRITTEN INSTRUCTIONS.

TILE PATTERN: LAY TILE IN PATTERNS AS INDICATED IN THE CONSTRUCTION

DOCUMENTS. ALIGN JOINTS WHERE ADJOINING TILES ON FLOOR AND BASE ARE

INSTALLATION. FADED OR CHALKY GROUT SHALL BE CAUSE FOR REJECTION.

SEALER: AFTER FULLY CURED AND CLEANED, TILE AND GROUT SHALL BE SEALED

095123 ACOUSTICAL TILE CEILINGS

- A. <u>SUBMITTALS</u>: PRODUCT DATA
- B. ATTIC STOCK: FURNISH 2% OF EACH TYPE OF CEILING TILE PACKAGED WITH PROTECTIVE OVERING AND LABELED FOR STORAGE.
- ACOUSTICAL TILE PRODUCTS: PROVIDE CEILING TILE IN TYPE AND SIZES INDICATED IN THE CONSTRUCTION DOCUMENTS COMPLYING WITH ASTM E 1264, CLASS A MATERIALS, TESTED PER
- SUSPENSION SYSTEM: PROVIDE HEAVY DUTY, DIRECT-HUNG, SUSPENSION SYSTEMS AS INDICATED IN THE CONSTRUCTION DOCUMENTS COMPLYING WITH ASTM C 635. FURNISH
- ALUMINUM GRID IN SHOWERS, KITCHENS, AND OTHER HIGH-HUMIDITY AREAS. 1. ATTACHMENT DEVICES: SIZE FOR FIVE (5) TIMES THE DESIGN LOAD INDICATED IN ASTM C 635, TABLE 1, DIRECT HUNG UNLESS OTHERWISE INDICATED.
 - WIRE HANGERS, BRACES, AND TIES: ZINC-COATED CARBON-STEEL WIRE; ASTM A 641/ (A 641 M), CLASS 1 ZINC COATING, SOFT TEMPER WITH A YIELD STRENGTH AT LEAST THREE (3) TIMES THE HANGER DESIGN LOAD (ASTM C 635, TABLE 1, DIRECT HUNG), BUT NOT LESS THAN 0.135" DIAMETER WIRE.
- SEISMIC STRUTS: MANUFACTURER'S STANDARD PRODUCT DESIGNED TO ACCOMMODATE SEISMIC FORCES. HOLD-DOWN CLIPS: PROVIDE HOLD-DOWN CLIPS ON CEILING TILE IN ENTRANCE VESTIBULES, COMPUTER ROOMS EMPLOYING DRY CHEMICAL FIRE-SUPPRESSION SYSTEMS, AND OTHER AREAS AS INDICATED.
- E. <u>INSTALLATION</u>: COMPLY WITH ASTM C 636 AND CISCA'S "CEILING SYSTEMS HANDBOOK". SEQUENCE WORK TO ENSURE ACOUSTICAL CEILINGS ARE NOT INSTALLED UNTIL
- BUILDING IS ENCLOSED, SUFFICIENT HEAT IS PROVIDED, DUST GENERATION ACTIVITIES HAVE TERMINATED, AND OVERHEAD WORK IS COMPLETED, TESTED, AND APPROVED.
- INSTALL CEILING GRID AS INDICATED TO BE SYMMETRICAL ABOUT BOTH AXES OF EACH ROOM USING NOT LESS THAN HALF-SIZE TILE UNLESS INDICATED OTHERWISE ON THE

SUPPORT SUSPENSION SYSTEM INDEPENDENTLY OF DUCTS, PIPES, AND CONDUITS.

SUPPORT FIXTURE LOADS USING SUPPLEMENTARY HANGERS LOCATED WITHIN 6" OF

EACH CORNER OR SUPPORT FIXTURES INDEPENDENTLY. PROVIDE MATCHING PERIMETER MOLDING INSTALLED IN BEAD OF ACOUSTICAL SEALANT AT ALL LOCATIONS WHERE CEILING INTERSECTS VERTICAL SURFACES. USE MATCHING PRE-FORMED CLOSURES AT ROUND OR CURVED OBSTRUCTIONS.

096513 RESILIENT BASE AND ACCESSORIES

BASE INSTALLATION.

- A. <u>SUBMITTALS</u>: PRODUCT DATA AND THREE (3) SAMPLES OF EACH TILE AND BASE SPECIFIED FOR
- VERIFICATION PURPOSES. B. <u>ATTIC STOCK</u>: FURNISH 20' OF EACH COLOR AND TYPE OF WALL BASE PACKAGED WITH

6. FIELD-CUT EDGES SHALL MATCH PROFILE OF FACTORY EDGES.

PROTECTIVE COVERING AND LABELED FOR STORAGE. RESILIENT WALL BASE: ASTM TYPE TS (RUBBER, VULCANIZED THERMOSET) 1/8" THICK,

TILE IS EXPOSED AS INDICATED IN THE FINISH SCHEDULE.

- WITH JOB-FORMED INSIDE AND OUTSIDE CORNERS. D. <u>WALL BASE AND ACCESSORY INSTALLATION:</u> CONFIRM THAT SOLID BACKING IS PROVIDED BEHIND ALL WALL BASE. AREAS WHERE
- INSTALL WALL BASE WITH MANUFACTURER'S RECOMMENDED ADHESIVE IN MAXIMUM LENGTHS POSSIBLE. APPLY TO WALLS, COLUMNS, PILASTERS, CASEWORK, AND OTHER INSTALL TRANSITION STRIPS WHERE FLOORING MATERIALS MEET OR WHERE EDGE OF

FURNISHED IN COILS IN STYLES AND SIZES INDICATED IN THE CONSTRUCTION DOCUMENTS

GYPSUM BOARD IS HELD MORE THAN 1/2" ABOVE SLAB SHALL BE FILLED IN PRIOR TO

097200 WALL COVERINGS

- A. <u>SUBMITTALS</u>: THREE (3) SAMPLES OF EACH WALLCOVERING SPECIFIED FOR VERIFICATION PURPOSES.
- B. <u>ATTIC STOCK</u>: FURNISH FULL-WIDTH ROLLS OF EACH WALLCOVERING EQUAL TO 5% OF AMOUNT OF EACH TYPE INSTALLED, PACKAGED WITH PROTECTIVE COVERING AND LABELED FOR
- MORE THAN 25 AND 450 RESPECTIVELY, PER ASTM E 84. ORDER ALL MATERIALS FROM THE SAME FACTORY DYE LOT. INSTALLATION

 1. CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR WALLCOVERING BOND,

PRODUCTS: PROVIDE WALLCOVERING IN PATTERNS AND COLORS AS INDICATED IN THE

CONSTRUCTION DOCUMENTS WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF NOT

WHERE WALL SURFACES EXTEND INTO THE SAME PLANE AS VERTICAL FACES OF CEILING

SOFFITS, CONTACT ARCHITECT FOR INSTRUCTIONS ON FINISHING OF VERTICAL FACES.

- INCLUDING MOLD, MILDEW, OIL, GREASE, INCOMPATIBLE PRIMERS AND DIRT AND PRIME PRIME NEW GYPSUM BOARD WITH PRIMER RECOMMENDED BY WALLCOVERING ACCLIMATIZE WALLCOVERING MATERIALS BY REMOVING THEM FROM PACKAGING IN THE
- INSTALLATION AREAS NOT LESS THAN 24 HOURS PRIOR TO INSTALLATION. INSTALL SEAMS VERTICAL AND PLUMB, WITH NO HORIZONTAL SEAMS, AND NO OVERLAPPED SEAMS UNLESS "RAILROADING" IS SPECIFIED ON THE CONSTRUCTION DOCUMENTS. MATCH OR RANDOM MATCH PATTERN AND REVERSE HANG WHEN

CLEANING: REMOVE EXCESS ADHESIVE AT FINISHED SEAMS, PERIMETER EDGES, AND

ADJACENT SURFACES USING CLEANING METHODS RECOMMENDED BY WALLCOVERING MANUFACTURER.

097720 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)

INDICATED IN MANUFACTURER'S INSTRUCTIONS

A. INSTALL FRP PANELS TO 8'-0" HIGH AND INCLUDING TRIM AND ACCESSORIES HIGH ON ALL WALLS BEHIND JANITIOR SINKS AND MOP BASINS (COLOR TO BE SELECTED).

- A. <u>SUBMITTALS</u>: PRODUCT DATA AND THREE (3) DRAW-DOWN SAMPLES OF EACH COLOR AND SHEEN SPECIFIED.
- B. <u>ATTIC STOCK</u>: FURNISH ONE (1) GALLON OF EACH PAINT COLOR AND SHEEN, IN CONTAINERS, PROPERLY LABELED AND SEALED.

PRODUCTS: PROVIDE MANUFACTURER'S BEST QUALITY PAINTS OF COLOR AND SHEEN AS

EQUIPMENT: APPLY COATINGS BY BRUSH, ROLLER, SPRAY, OR OTHER APPLICATORS

PIGMENTED (OPAQUE) FINISHES: COMPLETELY COVER SURFACES TO PROVIDE A

ACCORDING TO COATING MANUFACTURER'S WRITTEN INSTRUCTIONS. WHEN SPRAYED,

COLOR IRREGULARITY, BRUSH MARKS, ORANGE PEEL, NAIL HOLES OR OTHER SURFACE

EXTERIOR COATINGS SHALL BE BACK-ROLLED FOLLOWING SPRAY APPLICATION. USE

- INDICATED IN THE CONSTRUCTION DOCUMENTS THAT ARE FORMULATED AND RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED. PROVIDE MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH SUBSTRATES.
- SMOOTH, OPAQUE SURFACE OF UNIFORM APPEARANCE. PROVIDE A FINISH FREE OF CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS. 3. TRANSPARENT (CLEAR) FINISHES: USE MULTIPLE COATS TO PRODUCE A GLASS-SMOOTH SURFACE FILM OF EVEN LUSTER. PROVIDE A FINISH FREE OF LAPS, RUNS, CLOUDINESS,

ROLLERS FOR FINISH COAT ON INTERIOR WALLS AND CEILINGS.

- E. PAINT SYSTEMS EXTERIOR: PROVIDE THE FOLLOWING PAINT SYSTEMS FOR THE EXTERIOR 1. FERROUS METAL: SEMIGLOSS ALKYD ENAMEL: TWO COATS OVER RUST-INHIBITIVE
- ZINC-COATED METAL: SEMIGLOSS ALKYD ENAMEL: TWO COATS OVER GALVANIZED METAL ALUMINUM: SEMIGLOSS ALKYD ENAMEL: TWO COATS OVER PRIMER PAINT SYSTEMS - INTERIOR: PROVIDE THE FOLLOWING PAINT SYSTEMS FOR THE INTERIOR
 - WOODWORK: SEMI-GLOSS ALKYD ENAMEL: TWO COATS OVER PRIMER STAINED WOODWORK: ALKYD-BASED, SATIN VARNISH: TWO COATS OVER SEALER AND NATURAL FINISH WOODWORK: ALKYD-BASED, SATIN VARNISH: TWO COATS OVER SEALER

GYPSUM BOARD: ACRYLIC ENAMEL; SHEEN AS INDICATED: TWO COATS OVER PRIMER

FERROUS METAL: SEMIGLOSS ACRYLIC ENAMEL: TWO COATS OVER FERROUS METAL

ZINC COATED METAL: ACRYLIC ENAMEL; SHEEN AS INDICATED: TWO COATS OVER

GALVANIZED METAL PRIMER - END DIVISION 9

SUBSTRATE INDICATED



PARAGON STAR BLDG 2 / LOT 9

3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

Project No.: 19050.01a 09.27.22 Issued For: CONSTRUCTION REVISIONS ____ _____

REGISTRATION



ARCHITECT FINKLE+WILLIAMS ARCHITECTURE CIVIL

LANDSCAPE LAND 3

FOUNDATIONS

STRUCTURAL

MECHANICAL

ELECTRICAL

PLUMBING HENDERSON **ENGINEERS**

FIRE PROTECTION HENDERSON CONTRACTOR FOGEL-ANDERSON

BSE STRUCTURAL

BSE STRUCTRAL

ENGINEERS

ENGINEERS

HENDERSON

ENGINEERS

HENDERSON

ENGINEERS

SHEET TITLE

PROJECT

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ARCHITECTURE

122413 ROLLER WINDOW SHADES

- PRODUCT DATA FOR EACH PRODUCT TYPE MATERIAL SAMPLES FOR SHADE FABRIC OPTIONS AND FASCIA OPTIONS REPRESENTING MANUFACTURER'S FULL RANGE OF AVAILABLE PATTERNS AND COLORS
- SHOP DRAWINGS SHOWING FABRICATION AND INSTALLATION DETAILS 4. OPERATION AND MAINTENANCE DATA
- B. <u>WARRANTIES:</u> ROLLER SHADE HARDWARE, CHAIN, AND SHADECLOTH: 10 YEARS
- ACCEPTABLE MANUFACTURERS: MECHOSHADE SYSTEMS, INC., HUNTER-DOUGLAS CONTRACT, WT SHADE, OR APPROVED EQUAL. MUST OBTAIN ROLLER SHADES FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.
- BASIS OF DESIGN: MANUAL ROLLER SHADE "H100 SOLOMOUNT" BY WT SHADE OR APPROVED EQUAL. PROVIDE WITH FRONT FACSIA (WHITE) OR CLOSURE MOUNT WITH TILE SUPPORT AND REMOVABLE CLOSURE TRIM (WHITE) AS INDICATED IN THE DRAWINGS. CONFIGURATION: ONE-PIECE UNITS EXTENDING FROM WINDOW HEAD TO SILL, UNLESS
- TED OTHERWISE. SEE CONSTRUCTION DRAWINGS FOR MOUNTING LOCATION. TYPE: MANUALLY OPERATED, CHAIN DRIVEN, SUNSCREEN ROLLER SHADES. SHADE CLOTH: VISUALLY TRANSPARENT SINGLE THICKNESS, NON-RAVELING, ANTI-STATIC, FADE AND STAIN RESISTANT FABRIC CONTAINING PVC, POLYESTER, OR VINYL RANGING FROM 6.00 OZ/SQ. YD - 20.70 OZ. SQ. YD. IN PATTERNS AND COLORS TO BE
- OPENNESS FACTOR: 1% c. FIRE-TEST RESPONSE CHARACTERISTICS: COMPLY WITH NFPA 701-99

SELECTED FOM MANUFACTURER'S FULL AVAILABLE RANGE.

a. ECOFABRIX: 253-89 (GRAY BLACK)

- ACCESSORIES: a. FASCIA: FURNISH CONTINUOUS REMOVABLE EXTRUDED ALUMINUM FASCIA TO FULLY CONCEAL BRACKETS, SHADE ROLLER, AND FABRIC ON THE TUBE THAT ATTACHES TO SHADE MOUNTING BRACKETS WITHOUT THE USE OF ADHESIVES, MAGNETIC STRIPS OR EXPOSED FASTENERS. PROVIDE END CAPS WHERE WHERE
- MOUNTING CONDITIONS EXPOSE OUTSIDE OF ROLLER SHADE BRACKETS. b. SHADE POCKET: WHERE INDICATED, FURNISH EXTRUDED ALUMINUM SHADE POCKETS WITH EXPOSED EXTRUDED ALUMINUM CLOSURE MOUNT, TILE SUPPORT, AND REMOVABLE CLOSURE PANEL TO PROVIDE ACCESS TO SHADES.
- <u>INSTALLATION</u>: FURNISH AND INSTALL SHADES ON ALL EXTERIOR GLASS EXCEPT LOBBY AND /ESTIBULE GLASS, UNLESS NOTED OTHERWISE. 1. INSTALL SHADES AFTER FINISH WORK IS COMPLETE AND AMBIENT TEMPERATURE AND
- HUMIDITY ARE AT LEVELS INTENDED FOR OCCUPANCY. 2. ADJUST AND BALANCE SHADES TO OPERATE SMOOTHLY, EASILY, SAFELY, AND FREE FROM BINDING THROUGH ENTIRE OPERATIONAL RANGE. FABRIC SHALL HANG STRAIGHT WITHOUT CURLING OR RAVELING AND SHALL NOT SHIFT MORE THAN 1/8" IN EITHER DIRECTION PER 8' OF SHADE HEIGHT DUE TO WARP DISTORTION OR WEAVE DESIGN. 3. CLEAN SURFACES JUST PRIOR TO OCCUPANCY.

- END DIVISION 12 -

DIVISION 10 - SPECIALTIES 102113 TOILET COMPARTMENTS

- SUBMITTALS: SHOP DRAWINGS INCLUDING DIMENSIONED PLANS, ELEVATIONS, CONNECTION DETAILS, AND DETAILS OF WALL SUPPORTS, PRODUCT DATA, AND COLOR CHARTS
- B. <u>STAINLESS STEEL TOILET COMPARTMENTS:</u>
- TOILET-ENCLOSURE STYLE: CEILING HUNG 2. URINAL-SCREEN STYLE: WALL HUNG WITH INTEGRAL FLANGES
- DOOR, PANEL, AND PILASTER CONSTRUCTION: SEAMLESS, METAL FACING SHEETS PRESSURE LAIMATED TO CORE MATERIAL; WITH CONTINUOUS INTERLOCKING MOLDING STRIP; CORNERS SECURED BY WELDING OR CLIPS EXPOSED WELDS GROUND SMOOTH, EXPOSED SURFACES SHALL BE FREE OF PITTING, SEAM MARKS, ROLLER MARKS, STAINS, SDISCOLORATIONS, OR
- OTHER IMPERFECTIONS. STAINLESS STEEL SHEETS: ASTM A 666, TYPE 304, NO. 3 OR NO. 4 DIRECTIONAL POLISH. CORE MATERIAL: SOUND DEADENING HONEYCOMB OF RESIN-IMPREGNATED KRAFT
- PAPER IN THICKNESS REQUIRED TO PROVIDE FINISHED THICKNESS OF 1" MINIMUM FOR DOORS, PANELS, AND SCREENS, 11/4" MINIMUM FOR PILASTERS. 3. GRAB BAR REINFORCING: PROVIDE CONCEALED INTERNAL REINFORCEMENT FOR GRAB BARS MOUNTED ON UNITS TO MEET ALL REQUIREMENTS.
- FABRICATION: MOUNTING AND BRACING TYPE AS INDICATED ON CONSTRUCTION DOCUMENTS DOORS: 30" WIDE IN-SWINGING DOORS FOR STANDARD COMPARTMENTS; 36" WIDE OUT-SWINGING DOORS WITH MINIMUM 32" WIDE CLEAR OPENING FOR HANDICAP ACCESSIBLE COMPARTMENTS, UNLESS NOTED OTHERWISE.
- DOOR HARDWARE: CAST ZINC ALLOY (ZAMAC), STAINLESS STEEL, OR CLEAR ANODIZED ALUMINUM COMPLYING WITH AMERICANS WITH DISABILITIES ACT FOR HANDICAP ACCESSIBLE COMPARTMENTS.
- a. HINGES: SELF-CLOSING, ADJUSTABLE TO HOLD DOOR OPEN AT ANY ANGLE UP TO 90 DEGREES.
- b. LATCHES AND KEEPERS: RECESSED UNIT DESIGNED FOR EMERGENCY ACCESS AND WITH COMBINATION RUBBER-FACED DOOR STRIKE AND KEEPER.
- COAT HOOK: COMBINATION HOOK AND RUBBER-TIPPED BUMPER, SIZED TO PREVENT DOOR FROM HITTING COMPARTMENT-MOUNTED ACCESSORIES.
- DOOR BUMPER: RUBBER-TIPPED BUMPERS AT OUT-SWINGING DOORS e. DOOR PULL: PROVIDE AT OUT-SWINGING DOORS.
- INSTALLATION: INSTALL UNITS RIGID, STRAIGHT, LEVEL, AND PLUMB WITH NOT MORE THAN 1/2" BETWEEN PILASTERS AND PANELS AND NOT MORE THAN 1" BETWEEN PANELS AND WALLS. PROVIDE BRACKETS, PILASTER SHOES, BRACING, AND OTHER COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION. USE THEFT-RESISTANT EXPOSED FASTENERS FINISHED TO MATCH HARDWARE. USE SLEEVE NUTS FOR THROUGH-BOLT APPLICATIONS.
- ALIGN BRACKETS FOR PILASTERS WITH BRACKETS AT WALLS. 2. SET HINGES ON IN-SWINGING DOORS TO HOLD OPEN APPROXIMATELY 30 DEGREES FROM CLOSED POSITION WHEN UNLATCHED. SET HINGES ON OUT-SWINGING DOORS TO RETURN TO FULLY CLOSED POSITION.

102800 TOILET AND BATH ACCESSORIES:

REFERENCE CONSTRUCTION DRAWINGS FOR TYPE, QUANTITY, AND LOCATIONS OF TOILET AND BATH

- END DIVISION 10 -

DIVISION 14 - CONVEYING SYSTEMS

14123.16 MACHINE ROOM-LESS ELECTRIC TRACTION PASSENGER ELEVATORS

- SHOP DRAWINGS INCLUDING PLANS, ELEVATIONS, SECTIONS AND DETAILS OF ASSEMBLY. ERECTION, ANCHORAGE, RAIL BRACKETS, INSERTS, BLOCK-OUTS, CUTOUTS AND EQUIPMENT IN MACHINE ROOM, AND CABS WITHIN HOSITWAY. INDICATE DETAILED ELECTRICAL REQUIREMENTS AND LOADS IMPOSED ON THE STRUCTURE.
- PRODUCT DATA INDICATING COMPLIANCE WITH REQUIREMENTS. FINISH SAMPLES

FROM TEH DATE OF SUBSTANTIAL COMPLETION. FURNISH MAINTENANCE AND CALL BACK

SERVCIE FOR A PERIOD OF 12 MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION.

- INSPECTION AND ACCEPTANCE CERTIFICATES AND OPERATING PERMITS AS REQUIRED BY **AUTHORITIES HAVING JURISDICTION** WARRANTY: MANUFACTURER'S STANDARD WRITTEN WARRANTY AGREEING TO REPAIR, RESTORE, OR REPLACE DEFECTS IN ELEVATOR WORK FOR A PERIOD OF (12) MONTHS
- B. <u>ELEVATORS</u>: BASIS OF DESIGN: **KONE MACHINE ROOM-LESS MONOSPACE 500** PROVIDE ELEVATOR(S) COMPLYING WITH ASME A17.1, SECTION 4.10 OF THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES, SECTION 407 OF ICC ANSI A117.1, AND THE
 - FOLLOWING (REF BASIS OF DESIGN SHEET A6.04) a. RATED LOAD: 3500 LB
 - RATED SPEED: 110 FPM CAB HEIGHT: 9'-0"
 - DOOR HEIGHT: 8'-0" e. ACCOMODATE PORCELAIN FLOOR TILE IN WEIGHT CAPACITY
- **CAR ENCLOSURES AND ENTRANCES:** DOOR, FRAME, AND FRONT WALL INCLUDING CONTROL PANEL: ASTM A666, TYPE 304.
- STAINLESS STEEL, WITH NO. 4 SATIN FINISH, BOTH FACES. DOOR FRAME SHALL HAVE 11/2-2" WIDE FACES. REAR AND SIDE WALLS:
- a. REINFORCED ENAMELED STEEL CAB WALLS PREPARED FOR CUSTOM APPLIED FINISHES AND WITH SOUND DEADENING MATERIAL APPLIED TO THE EXTERIOR OF THE CAB WALLS.
- REINFORCED ENAMELED STEEL CAB WALLS WITH REMOVABLE PLASTIC LAMINATE PANELS AND WITH SOUND DEADENING MATERIAL APPLIED TO THE EXTERIOR OF THE CAB WALLS.
- 3. CEILING: REFERENCE FINISH SCHEDULE AND NOTES FLOOR: SUBFLOOR DESIGNED TO RECEIVE PORCELAIN TILE, REFERENCE FINISH
- SCHEDULE AND NOTES. HANDRAILS: MANUFACTURER'S STANDARD SATIN STAINLESS STEEL PIPE RAIL ON REAR
- 6. SILL: EXTRUDED ALUMINUM WITH GROOVED SURFACE, 1/4" THICKNESS. PROTECTION PADS: FURNISH ONE (1) SET OF STUDS AND PROTECTION PADS PER
- D. <u>OPERATING SYSTEM</u>: AS DEFINED IN ASME A17.11. SIMPLEX

ELEVATOR.

- ILLUMINATED HALL-CALL AND CAR-CALL BUTTONS: SATIN STAINLESS STEEL LOCATED BESIDE (NOT IN) DOOR FRAME.
- CONTROL STATION: RECESSED NO. 4 SATIN STAINLESS STEEL EMERGENCY COMMUNICATION SYSTEM: COMPLY WITH ASME A17.1 AND THE AMERICANS
- WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES. 4. CAR POSITION INDICATOR: LOCATED IN CAB ABOVE CAR DOOR OR CAR CONTROL STATION. ALSO INCLUDE AUDIBLE SIGNAL TO INDICATE CAR IS EITHER STOPPING OR
- PASSING A FLOOR; INCLUDE DIRECTION ARROWS. 5. HALL LANTERNS WITH ILLUMINATED ARROWS: MATCH FINISH OF HALL PUSH BUTTON
- STATIONS. MOUNT ABOVE DOOR FRAME. 6. HALL POSITION INDICATOR: MATCH FINISH OF HALL PUSH BUTTON STATIONS. MOUNT
- ABOVE EACH HOISTWAY ENTRANCE AT GROUND FLOOR. DOOR REOPENING DEVICES, INFRARED ARRAY: UNIFORM ARRAY OF 36 OR MORE MICROPROCRESSOR-CONTROLLED INFRARED LIGHT BEAMS PROJECTING ACROSS CAR ENTRANCE. INTERRUPTION OF ONE OR MORE OF THE LIGHT BEAMS CAUSES DOORS TO STOP AND REOPEN.

- DRILL HOLES AND INSTALL CYLINDER IN PROTECTIVE CASING WITHIN WELL HOLES OR CASINGS AFTER REMOVING WATER AND DEBRIS.
- 2. ALIGN CYLINDER, ANCHOR SECURELY IN PLACE AT PIT FLOOR, AND FILL VOIDS WITH FINE
- 3. SEAL BETWEEN WELL CASING, PROTECTIVE CASING OR CYLINDER AND PIT FLOOR WITH 4" OF NONSHRINK, NONMETALLIC GROUT
- 4. ADJUST ELEVATOR FOR 1/4" LEVELING TOLERANCE. SET SILLS FLUSH WITH FINISH FLOOR AND FILL SPACE UNDER SILLS SOLID WITH
- NONSHRINK, NONMETALLIC GROUT. 6. RESTORE ANY STAINLLESS STEEL FINISHES DAMAGED DURING CONSTRUCTION.
- END DIVISION 14 -

DIVISION 15 - MECHANICAL

SEE MECHANICAL PLANS AND SPECIFICATIONS

DIVISION 16 - ELECTRICAL

SEE ELECTRICAL PLANS AND SPECIFICATIONS

DIVISION 21 - FIRE SUPPRESSION

283100 FIRE ALARM

- SEE ELECTRICAL PLANS FOR SPECIFICATION OF FIRE ALARM SYSTEMS.
- HORN/STROBE DEVICES: HORN/STROBE DEVICES SHALL BE "WHITE" AND SHALL BE CEILING MOUNTED TO MAXIMUM EXTENT FEASIBLE; WALL-MOUNTED WHERE NECESSARY.

210500 FIRE SUPPRESSION SYSTEMS

GYPSUM BOARD CEILINGS.

- SEE MECHANICALPLANS FOR SPECIFICATIONS OF FIRE SUPPRESSION SYSTEMS SUBMITTALS: SHOP DRAWINGS INDICATING LAYOUT AND PROPOSED HEIGHTS OF PIPING AND HEADS, AND PRODUCT DATA FOR VALVES, HEADS, AND ALARMS, INCLUDING CALCULATIONS. SUBMIT REQUIRED NUMBER OF SETS TO AUTHORITIES HAVING JURISDICTION FOR REVIEW,
- COMMENT, AND APPROVAL. SPRINKLER HEADS AND ESCUTCHEONS: IN SUSPENDED ACOUSTICAL TILE CEILINGS, SPRINKLER HEADS SHALL BE PENDANT SEMI-RECESSED CHROME PLATED WITH CHROME PLATED ESCUTCHEONS. IN GYSPUM BOARD CEILINGS SPRINKLER HEADS SHALL BE CONCEALED WITH
- WHITE ENAMEL COVERS. LAYOUT: SPRINKLER HEADS SHALL BE LAID OUT TO FALL IN "CENTER-OF-TILE" WHEN INSTALLED IN SUSPENDED ACOUSTICAL TILE CEILINGS AND SHALL BE LAID OUT SYMMETRICALLY IN



PARAGON STAR BLDG 2 / LOT 9

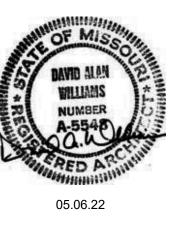
3201 NW PARAGON PKWY

LEE'S SUMMIT, MO

Project No.: 19050.01a

Date) :	09.27.22					
Issue	ed For:	CONSTRUCTION					
		REVISIONS					
No. Date		Description					
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REGISTRATION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE CIVIL GBA LANDSCAPE LAND 3 FOUNDATIONS BSE STRUCTURAL **ENGINEERS** STRUCTURAL BSE STRUCTRAL **ENGINEERS** PLUMBING HENDERSON **ENGINEERS** MECHANICAL HENDERSON **ENGINEERS** ELECTRICAL HENDERSON **ENGINEERS** FIRE PROTECTION HENDERSON CONTRACTOR FOGEL-ANDERSON



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SHEET TITLE

PROJECT SPECIFICATIONS