

SOUTH ELEVATION - OVERALL

SCALE: 1" = 20'-0"

paragon star

PARAGON STAR NORTH VILLAGE

3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08

REVISIONS

7.20.22 ADDENDUM 2

REGISTRATION

PROJECT TEAM FINKLE+WILLIAMS GBA ENGINEERS

BOB D. CAMPBELL

LATIMER SOMMERS LATIMER SOMMERS MECHANICAL

LATIMER SOMMERS

FINKLE + WILLIAMS

ARCHITECTURE 8787 RENNER BLVD., SUITE 100

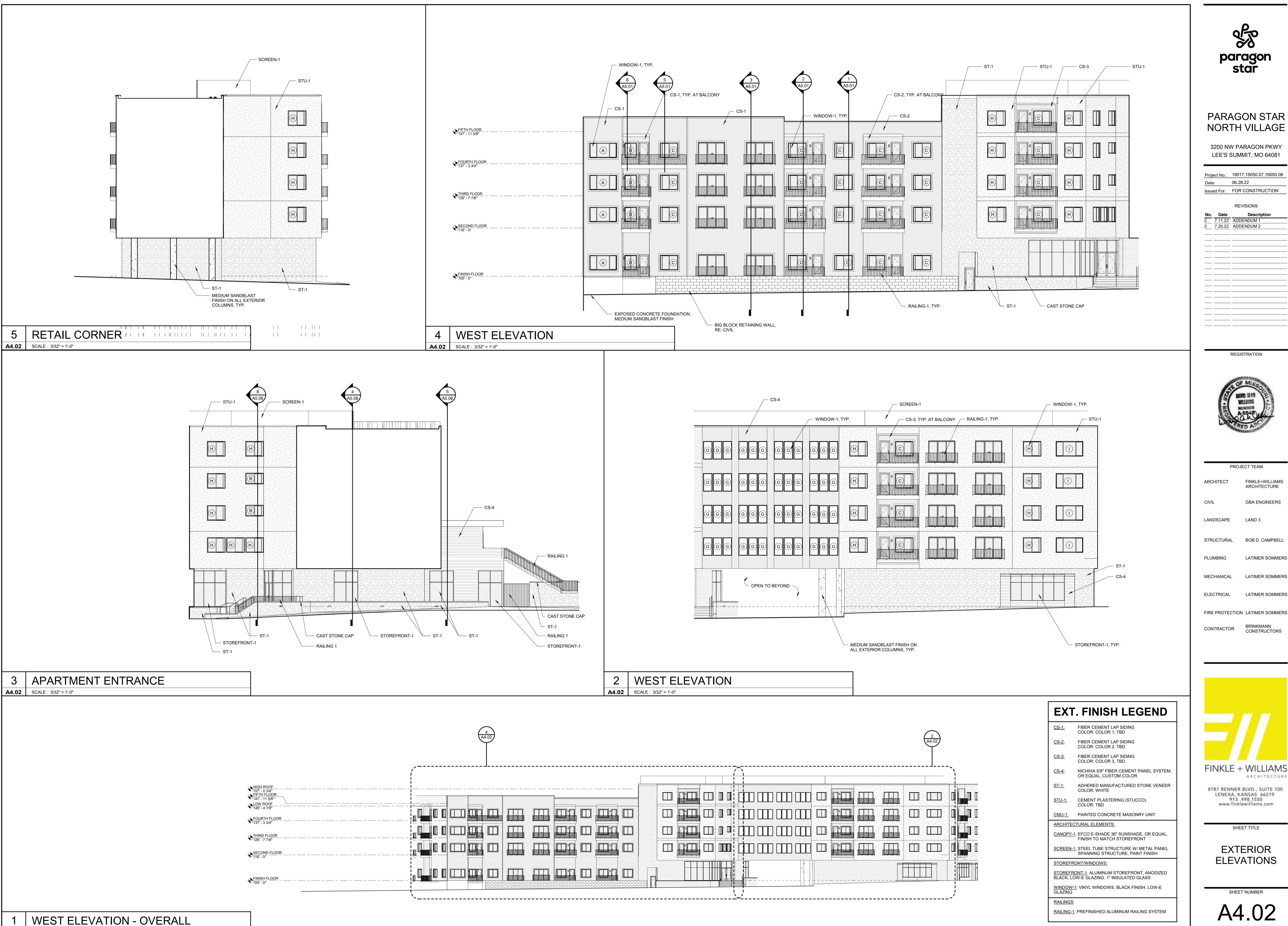
LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NUMBER A4.01

RAILING-1: PREFINISHED ALUMINUM RAILING SYSTEM



SCALE: 1" = 20'-0"

PARAGON STAR NORTH VILLAGE

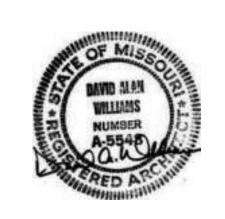
3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08 Issued For: FOR CONSTRUCTION

REVISIONS

7.20.22 ADDENDUM 2

REGISTRATION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

GBA ENGINEERS

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

LATIMER SOMMERS MECHANICAL

LATIMER SOMMERS

BRINKMANN CONSTRUCTORS CONTRACTOR

FINKLE + WILLIAMS

ARCHITECTURE 8787 RENNER BLVD., SUITE 100

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SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NUMBER



COURTYARD ELEVATION

SCALE: 3/32" = 1'-0"

EAST COURTYARD

SCALE: 3/32" = 1'-0"

paragon star

PARAGON STAR NORTH VILLAGE

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7.20.22 ADDENDUM 2

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE **GBA ENGINEERS**

LAND 3

STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS

LATIMER SOMMERS

LATIMER SOMMERS ELECTRICAL

FIRE PROTECTION LATIMER SOMMERS

BRINKMANN CONSTRUCTORS

FINKLE + WILLIAMS

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

ARCHITECTURE

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SHEET TITLE

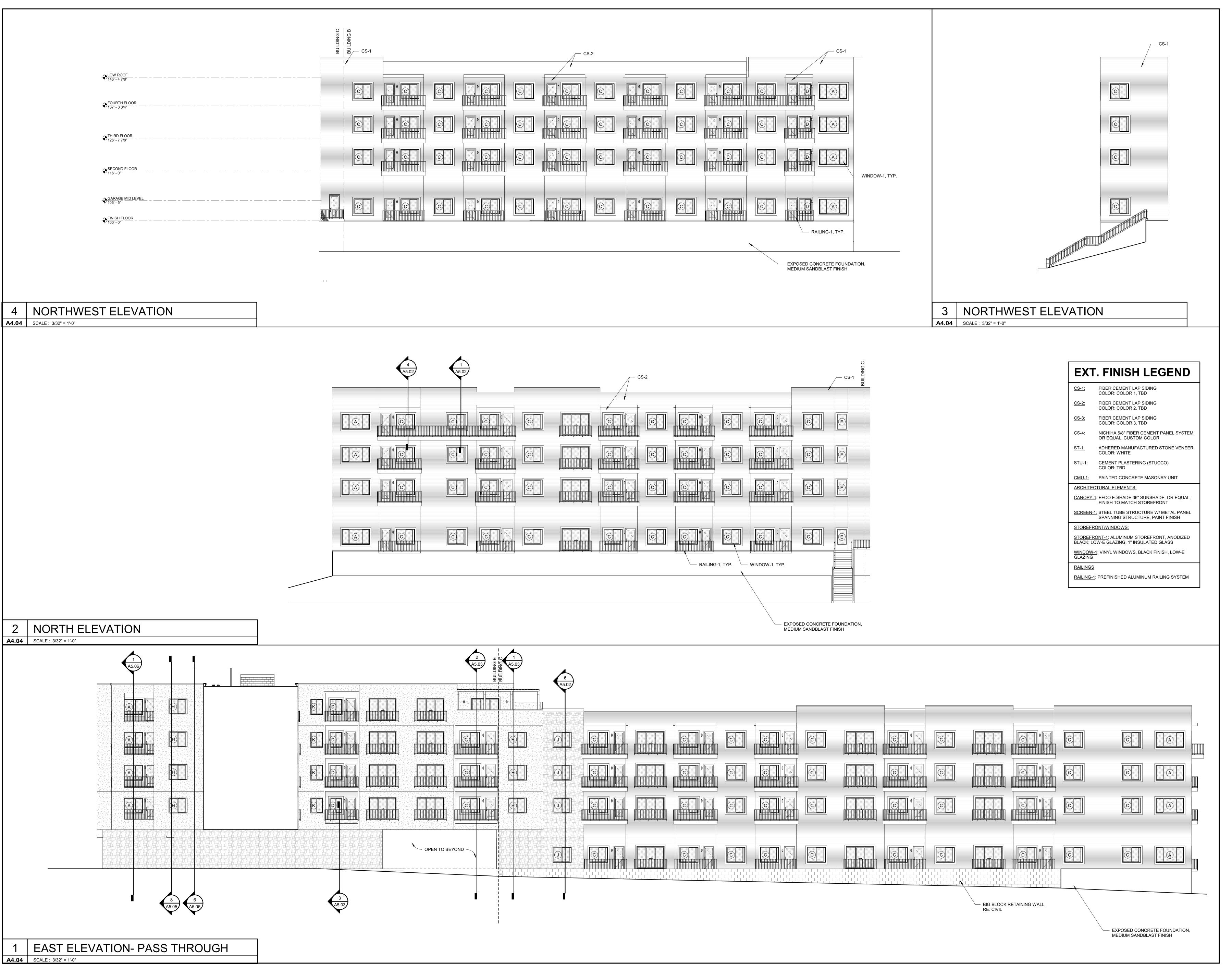
EXTERIOR ELEVATIONS

SHEET NUMBER A4.03

RAILING-1: PREFINISHED ALUMINUM RAILING SYSTEM

FINISH ON ALL EXTERIOR

COLUMNS, TYP.





3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

 Project No.:
 18017,19050.07,19050.08

 Date:
 06.28.22

 Issued For:
 FOR CONSTRUCTION

No. Date Descrip ADDENDUM 1

REGISTRATION



PROJECT TEAM

CHITECT FINKLE+WILLIAMS
ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

NDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR

BRINKMANN

CONSTRUCTORS

FINKLE + WILLIAMS

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8787 RENNER BLVD., SUITE 100

SHEET TITLE

EXTERIOR ELEVATIONS

A4.04



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NORTH RETAIL

SCALE: 1" = 20'-0"

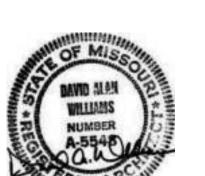


PARAGON STAR

3200 NW PARAGON PKWY

Project No.: 18017,19050.07,19050.08 Issued For: FOR CONSTRUCTION

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS

STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS LATIMER SOMMERS

LATIMER SOMMERS

FINKLE + WILLIAMS ARCHITECTURE

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SHEET TITLE

STOREFRONT/WINDOWS:

RAILINGS

STOREFRONT-1: ALUMINUM STOREFRONT, ANODIZED BLACK; LOW-E GLAZING. 1" INSULATED GLASS

<u>WINDOW-1</u>: VINYL WINDOWS, BLACK FINISH, LOW-E GLAZING

RAILING-1: PREFINISHED ALUMINUM RAILING SYSTEM

EXTERIOR ELEVATIONS

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GBA ENGINEERS

LATIMER SOMMERS

LANDSCAPE LAND 3

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LATIMER SOMMERS MECHANICAL

FIRE PROTECTION LATIMER SOMMERS

BRINKMANN CONSTRUCTORS CONTRACTOR

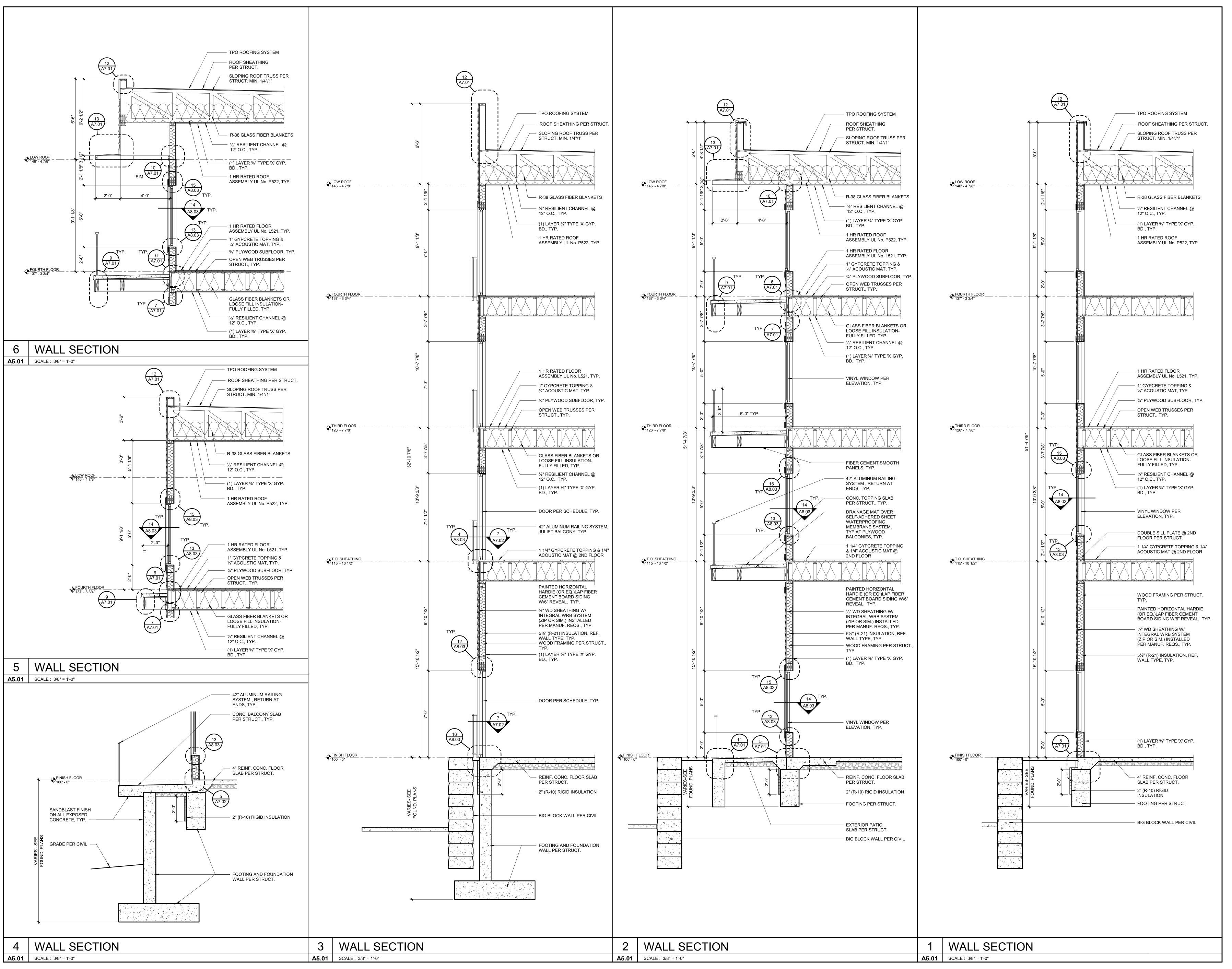
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PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE **GBA ENGINEERS** LAND 3 LANDSCAPE STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS PLUMBING LATIMER SOMMERS MECHANICAL ELECTRICAL LATIMER SOMMERS FIRE PROTECTION LATIMER SOMMERS



BRINKMANN CONSTRUCTORS

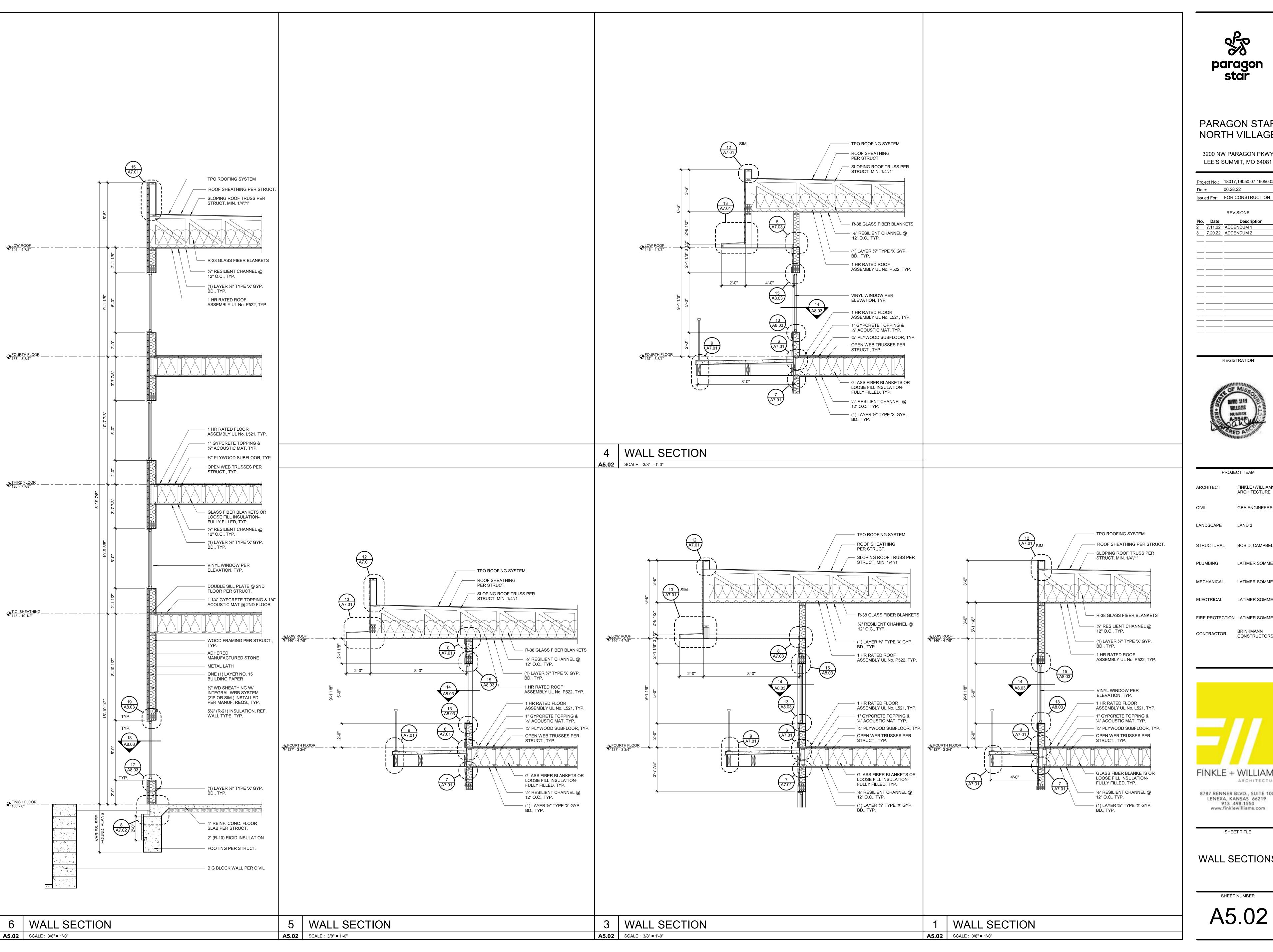
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SHEET TITLE

WALL SECTIONS

SHEET NUMBER





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PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE

GBA ENGINEERS LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS CONTRACTOR BRINKMANN CONSTRUCTORS

FINKLE + WILLIAMS

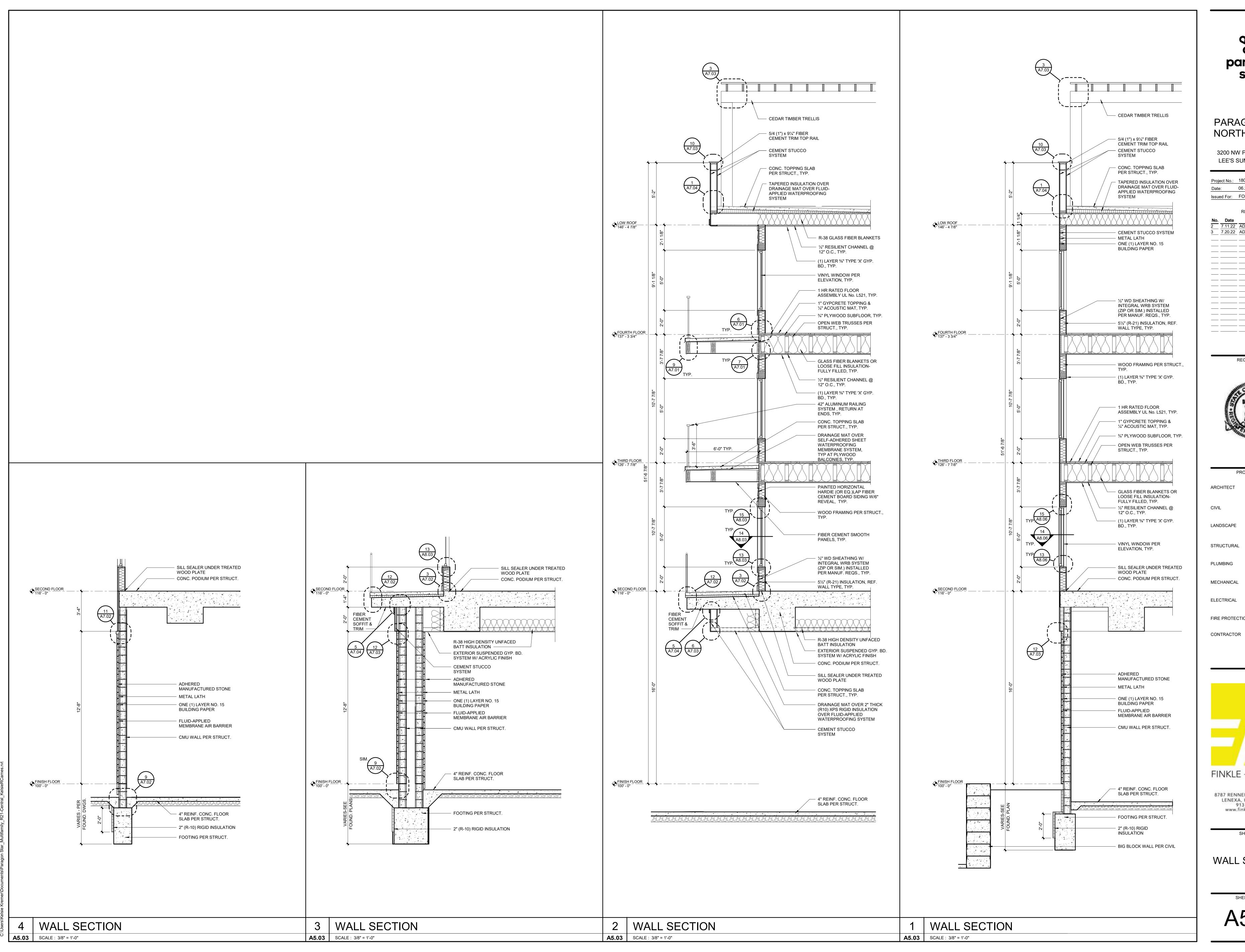
ARCHITECTURE

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PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

LATIMER SOMMERS

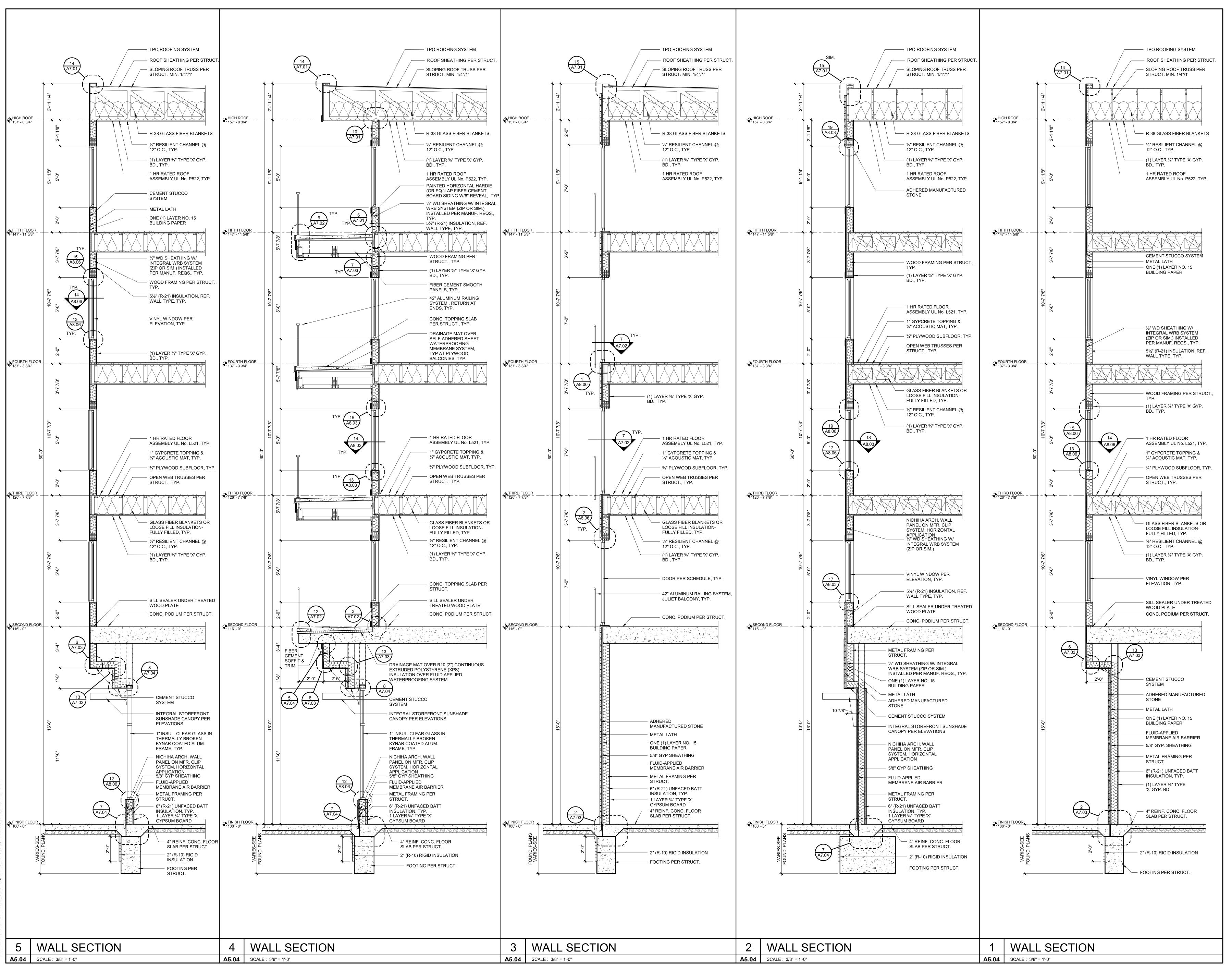
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WALL SECTIONS





3200 NW PARAGON PKWY

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REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE **GBA ENGINEERS** LANDSCAPE LAND 3 STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS PLUMBING LATIMER SOMMERS MECHANICAL LATIMER SOMMERS ELECTRICAL FIRE PROTECTION LATIMER SOMMERS

BRINKMANN CONSTRUCTORS

CONTRACTOR

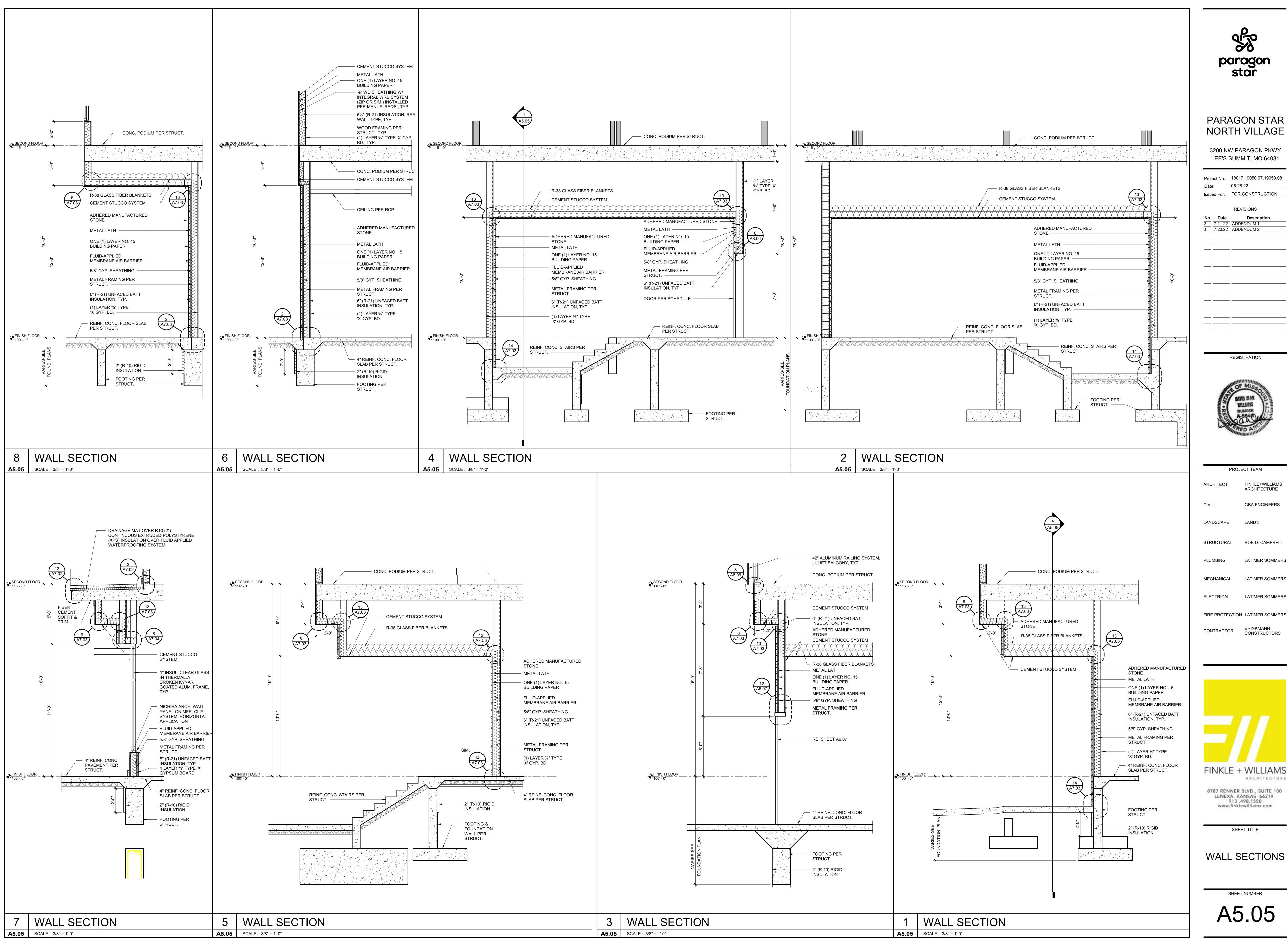


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SHEET TITLE

WALL SECTIONS

SHEET NUMBER A5.04



PARAGON STAR

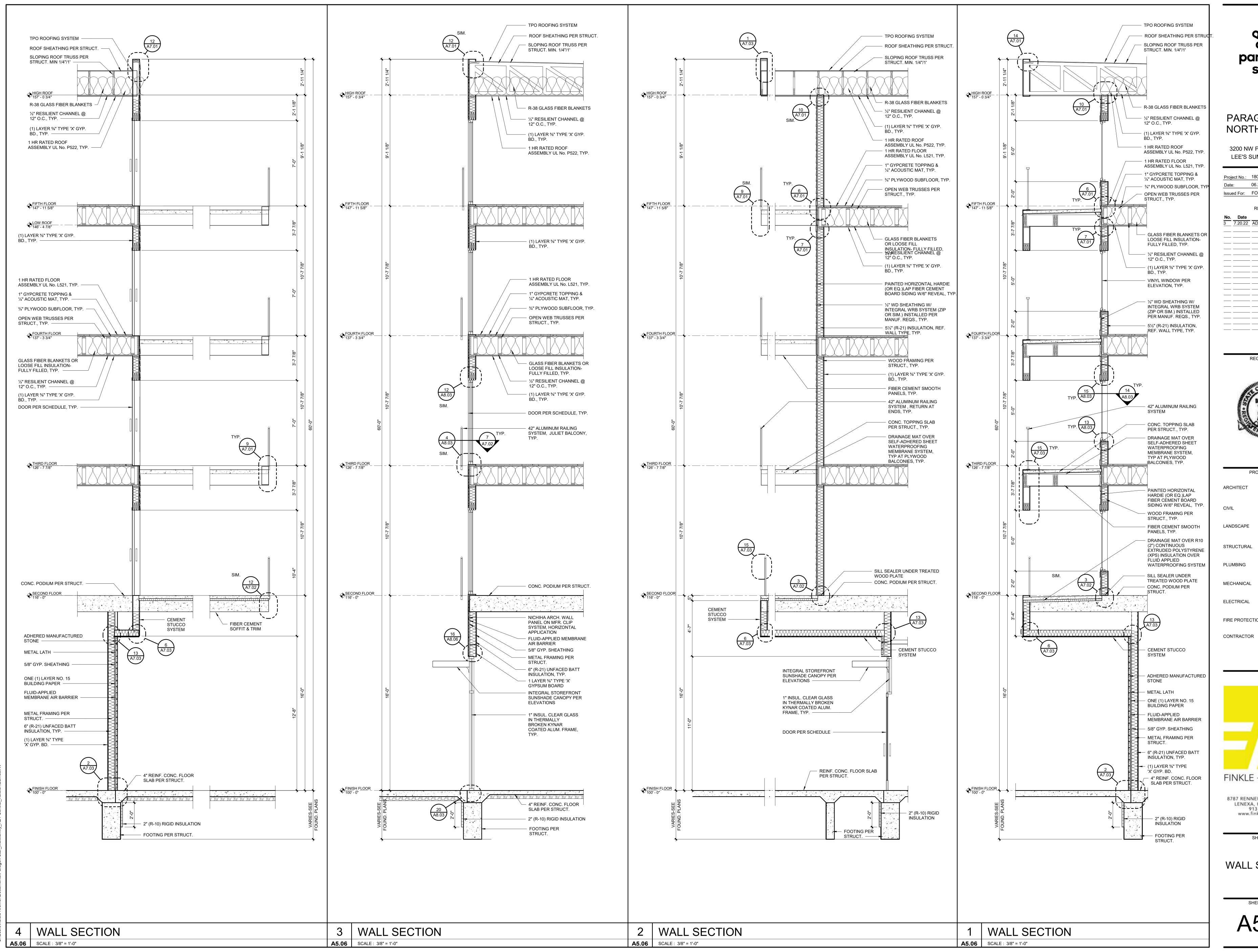
3200 NW PARAGON PKWY

Project No.: 18017,19050.07,19050.08



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE **GBA ENGINEERS** BOB D. CAMPBELL LATIMER SOMMERS LATIMER SOMMERS

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PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

BRINKMANN CONSTRUCTORS

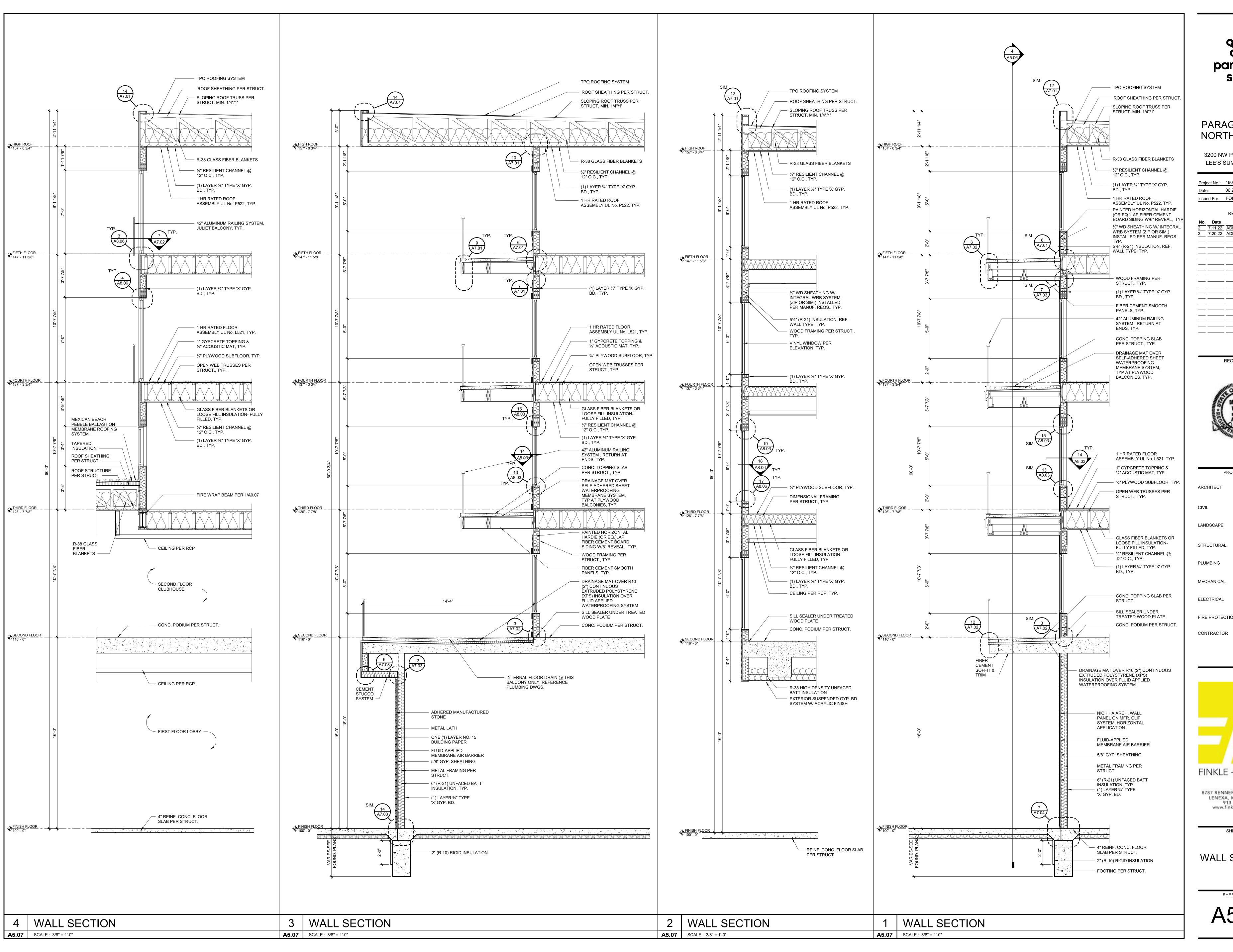


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A/ALL OFOTION!

SHEET TITLE

WALL SECTIONS





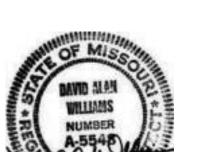
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BRINKMANN CONSTRUCTORS

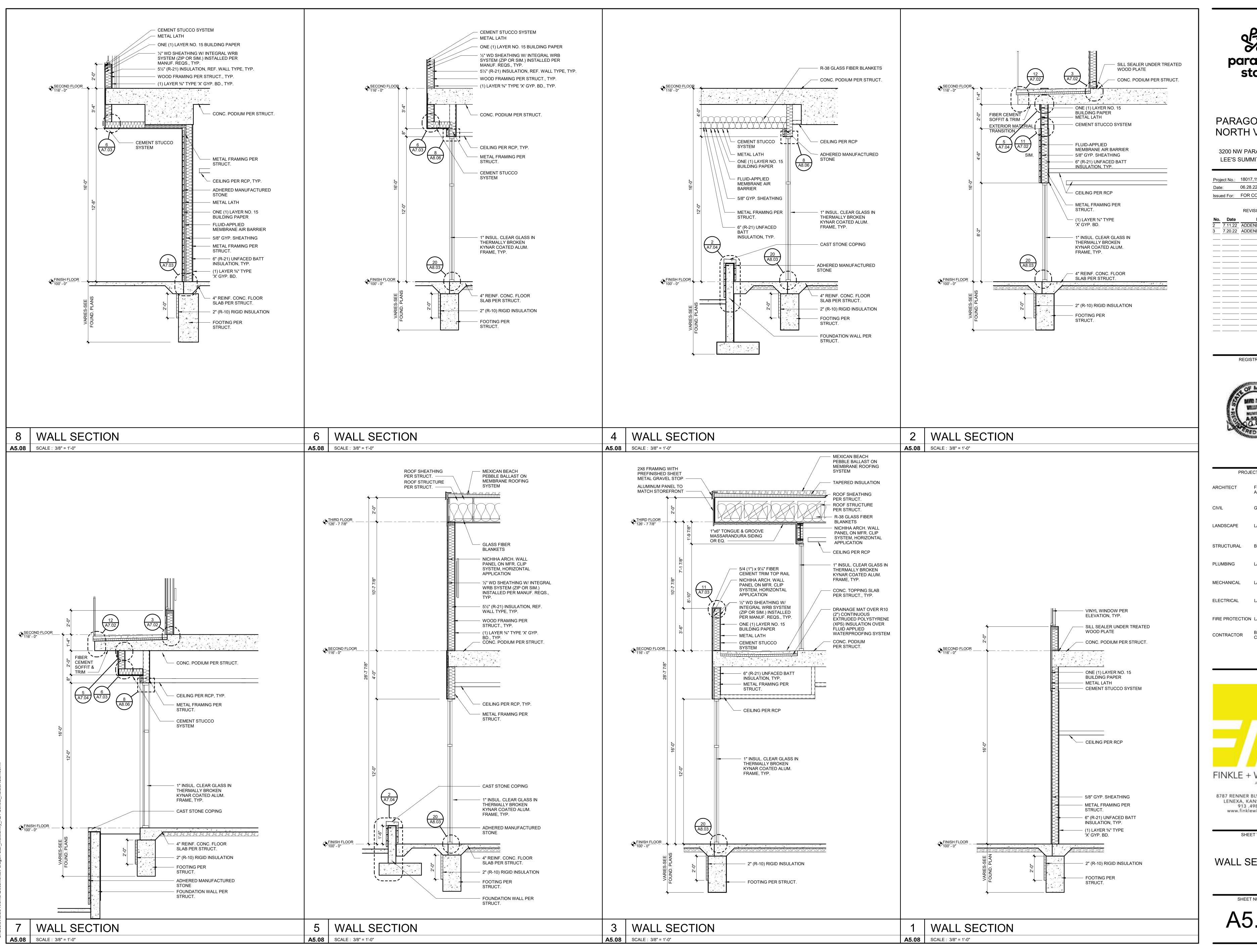


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PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE **GBA ENGINEERS** LAND 3 LANDSCAPE STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS PLUMBING MECHANICAL LATIMER SOMMERS LATIMER SOMMERS ELECTRICAL FIRE PROTECTION LATIMER SOMMERS BRINKMANN CONSTRUCTORS CONTRACTOR

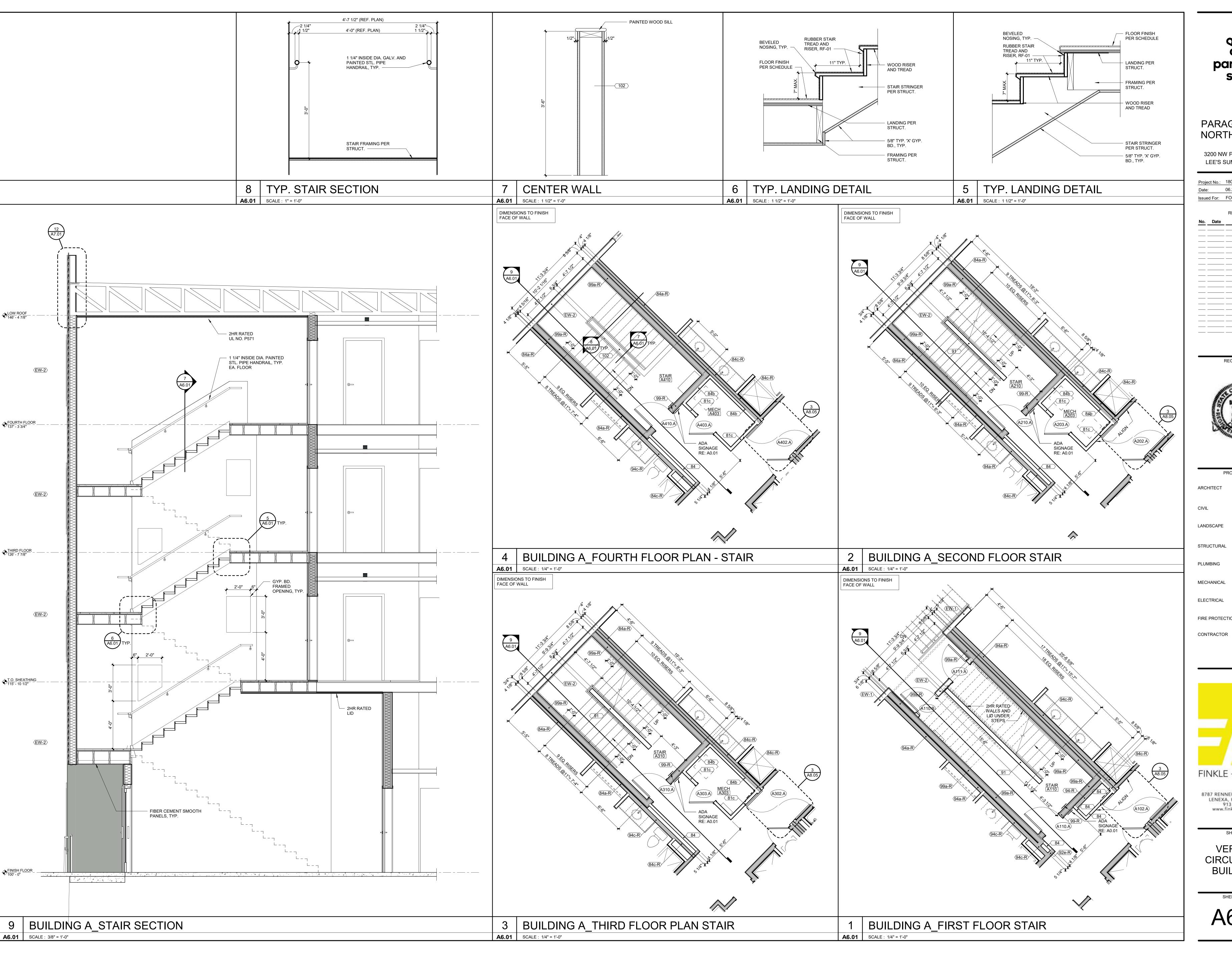


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SHEET TITLE

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FINKLE+WILLIAMS ARCHITECTURE LATIMER SOMMERS LATIMER SOMMERS LATIMER SOMMERS FIRE PROTECTION LATIMER SOMMERS

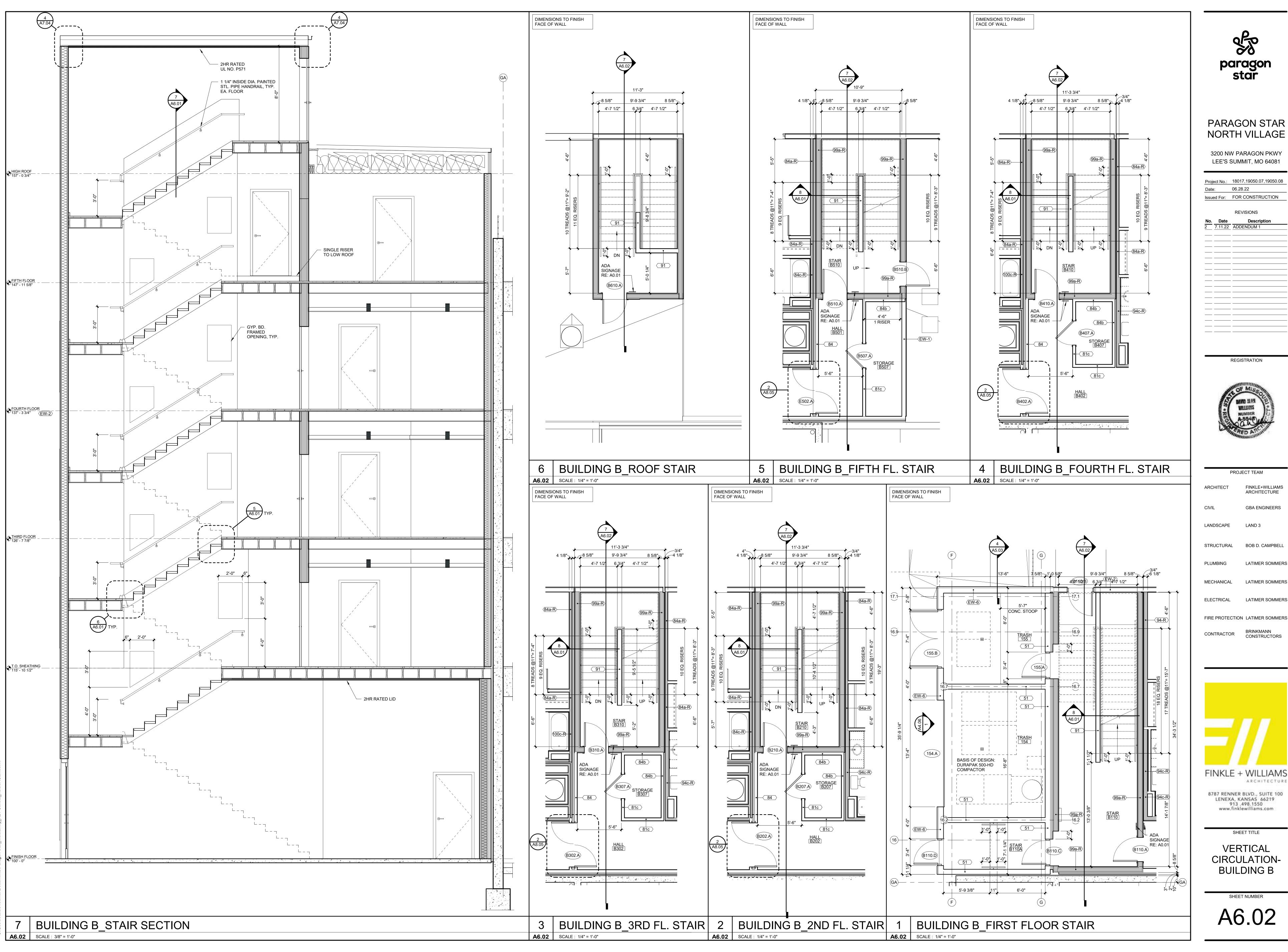


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SHEET TITLE VERTICAL

CIRCULATION-BUILDING A

A6.01





3200 NW PARAGON PKWY

Project No.: 18017,19050.07,19050.08 Issued For: FOR CONSTRUCTION

REGISTRATION



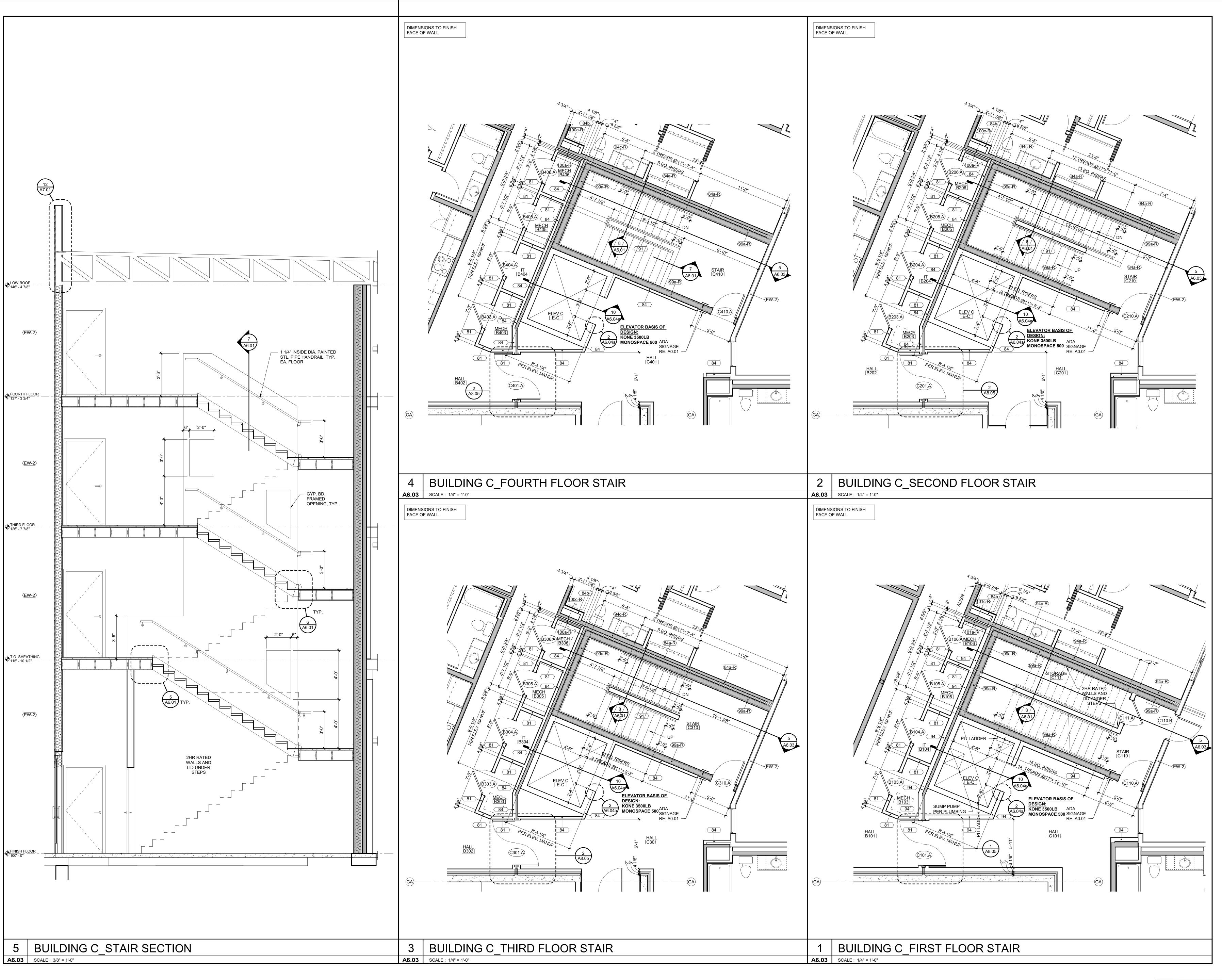
PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE LATIMER SOMMERS LATIMER SOMMERS MECHANICAL LATIMER SOMMERS

FINKLE + WILLIAMS

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

SHEET TITLE VERTICAL CIRCULATION-BUILDING B

SHEET NUMBER A6.02





3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

 Project No.:
 18017,19050.07,19050.08

 Date:
 06.28.22

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 FOR CONSTRUCTION

REVISIONS

Date Description

REGISTRATION



PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR

BRINKMANN

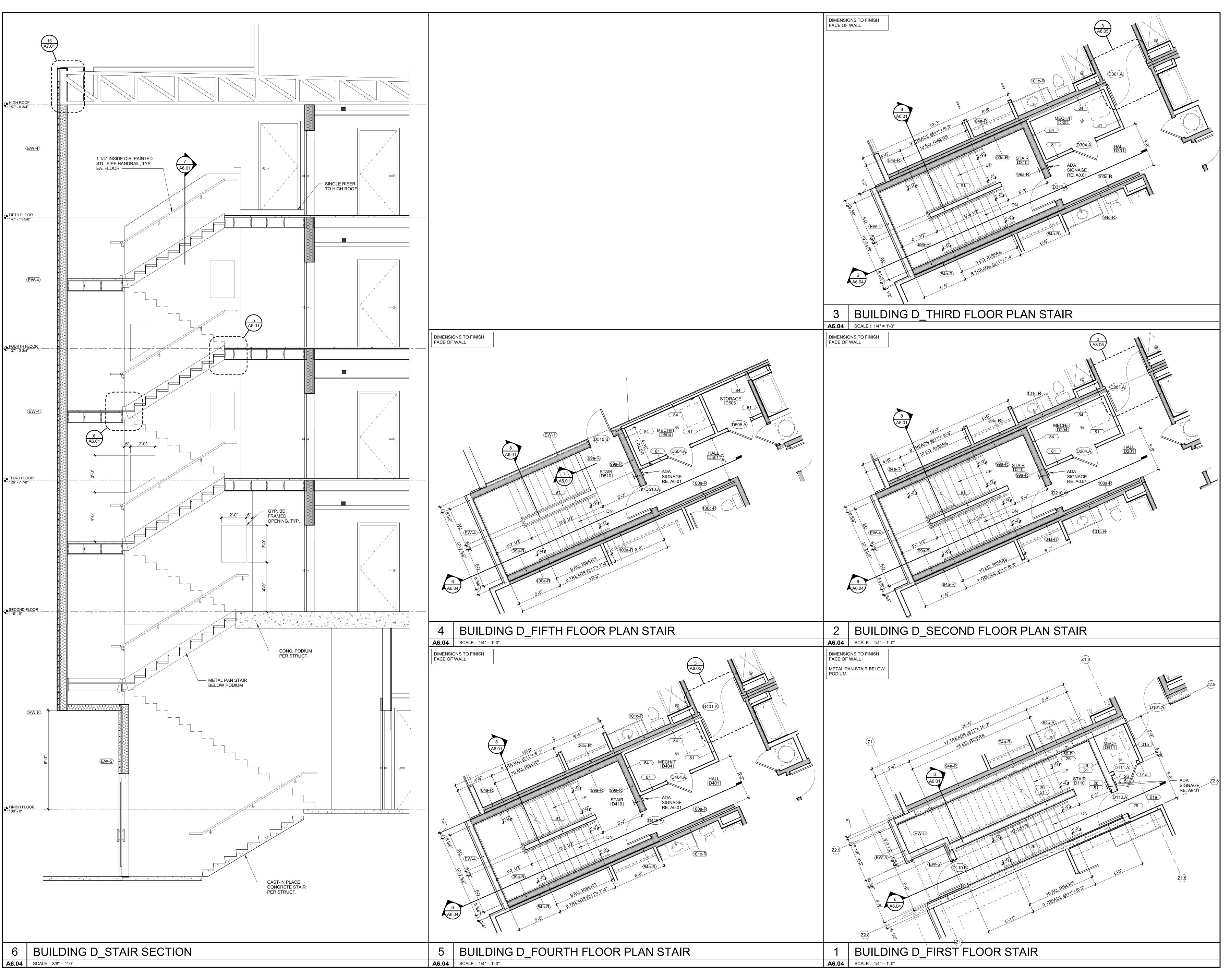
CONSTRUCTORS



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VERTICAL
CIRCULATIONBUILDING C

A6.03





3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08

Date: 06.28.22

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Date Description

DAVID MAN
WILLIAMS
NUMBER
A-5548

PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS



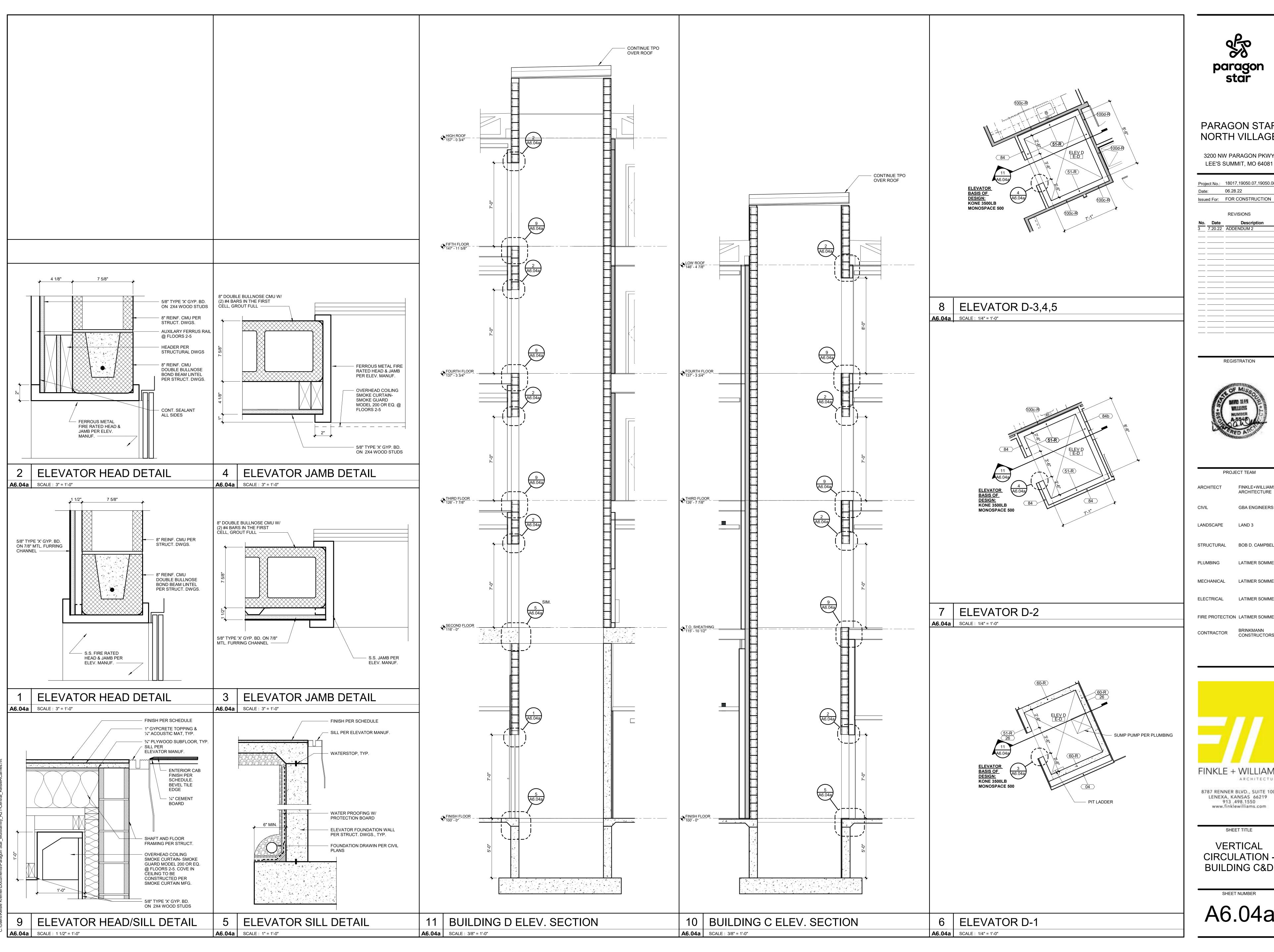
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VERTICAL CIRCULATION-BUILDING D

SHEET TITLE

A6.04





3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08

REGISTRATION

PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

GBA ENGINEERS

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

BRINKMANN CONSTRUCTORS

FINKLE + WILLIAMS

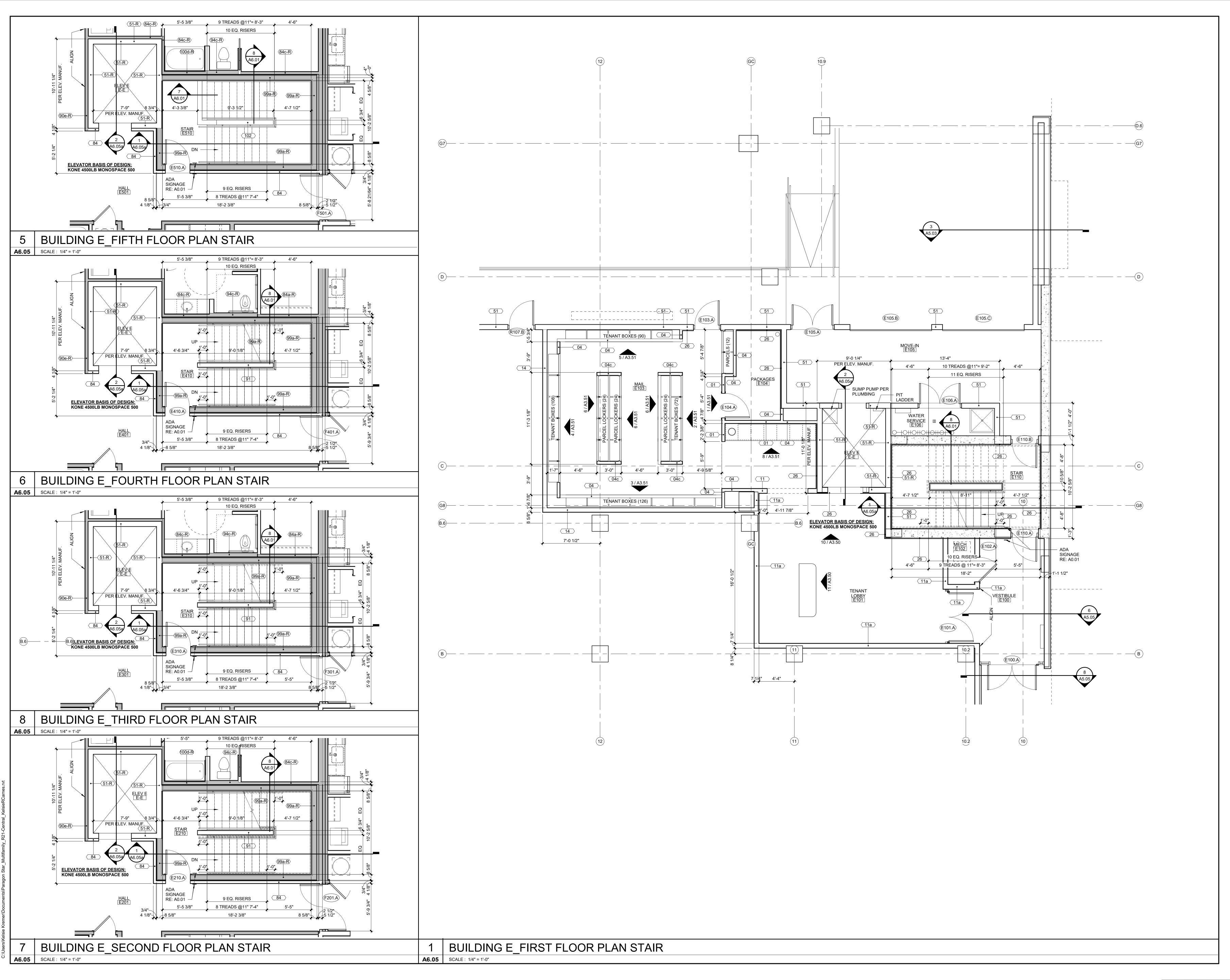
8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

VERTICAL **CIRCULATION -BUILDING C&D**

SHEET NUMBER

A6.04a





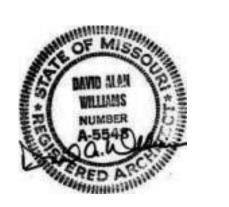
3200 NW PARAGON PKWY

roject No.: 18017,19050.07,19050.08 ate: 06.28.22

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PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL
PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

FIRE PROTECTION LATIMER SOMMERS

FINKLE + WILLIAMS

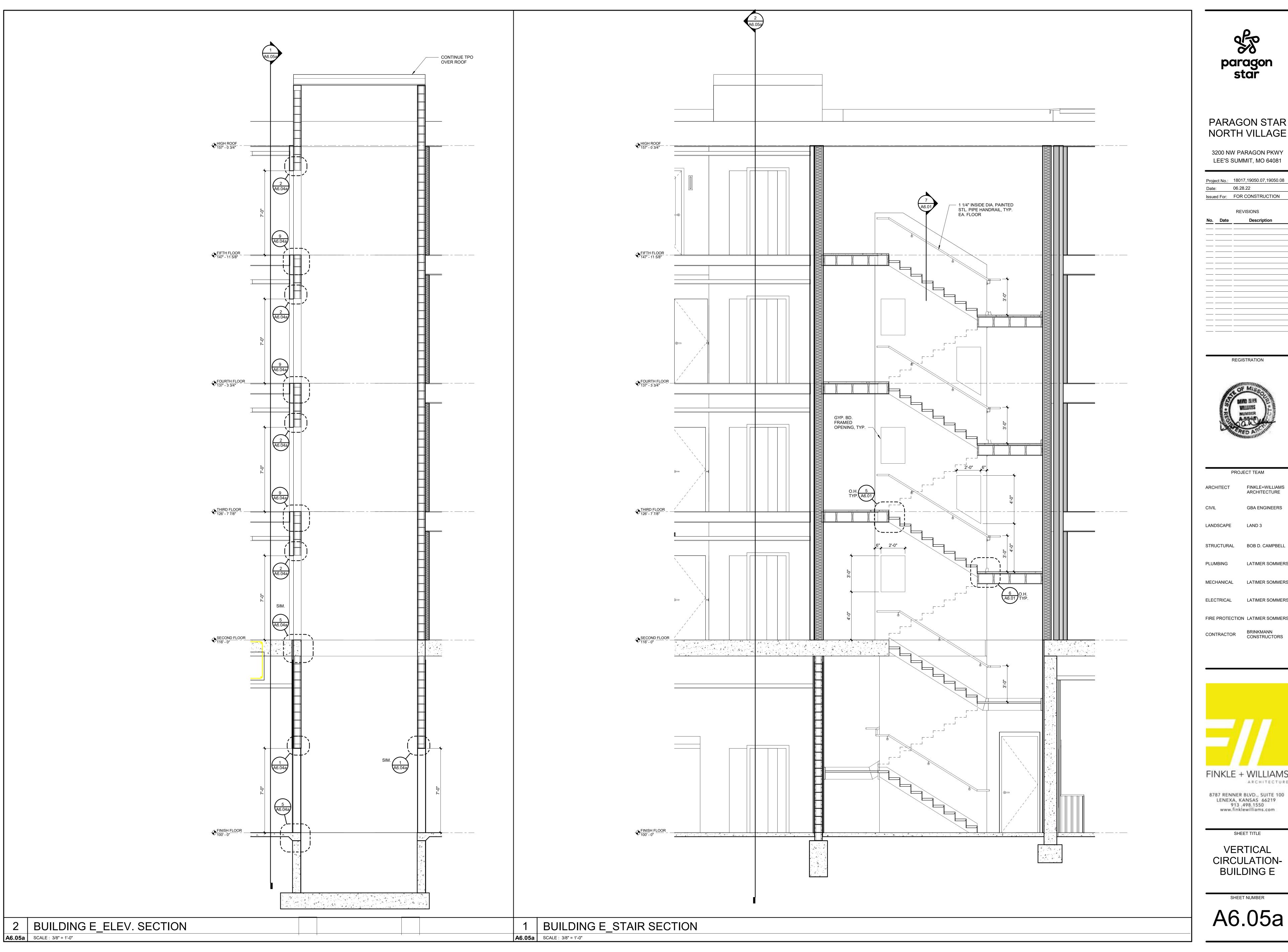
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SHEET TITLE

VERTICAL CIRCULATION-BUILDING E

SHEET NUMBER

A6.05





3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08

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PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

LATIMER SOMMERS ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

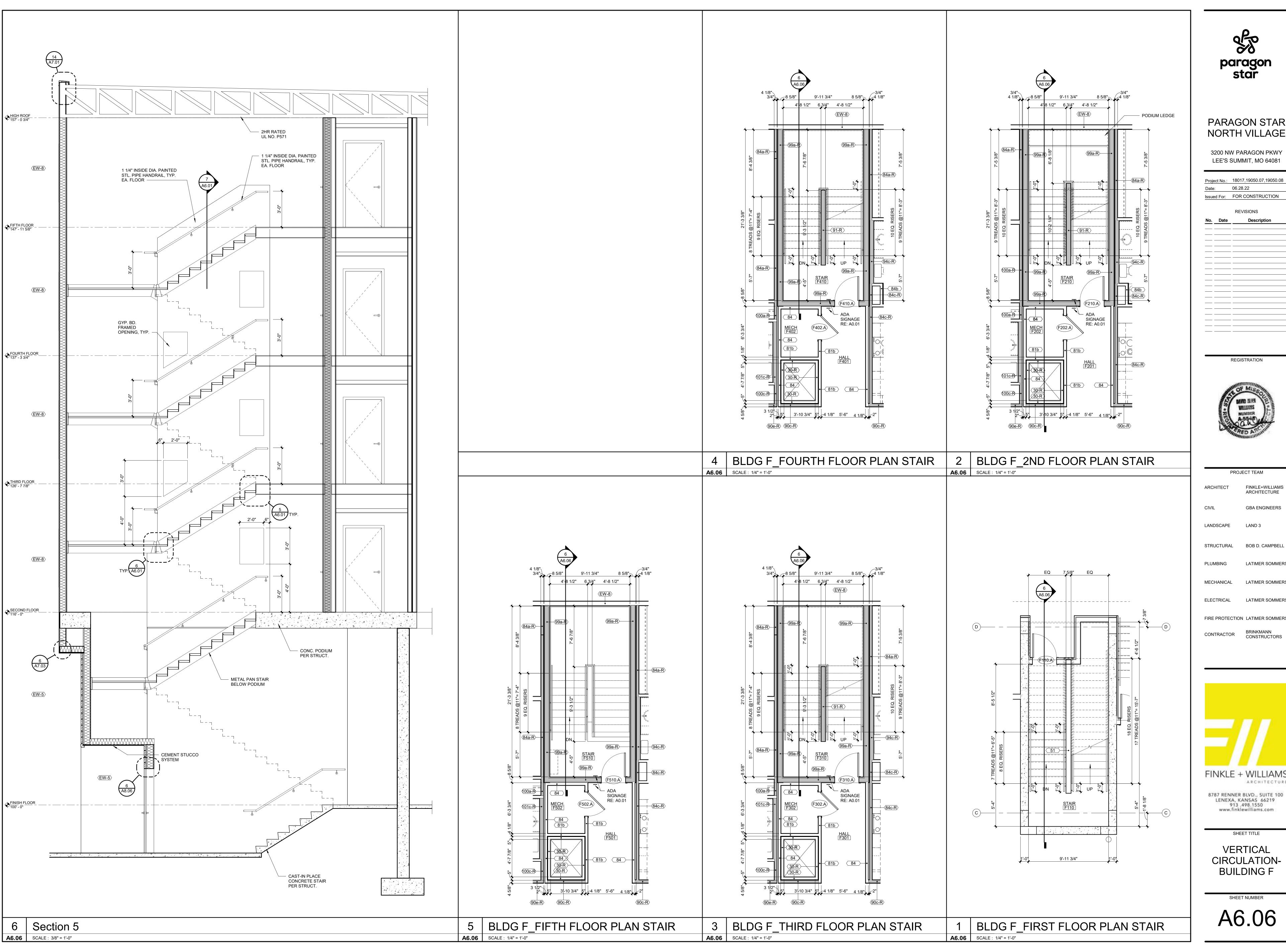
ARCHITECTURE 8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

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SHEET TITLE VERTICAL

CIRCULATION-BUILDING E

SHEET NUMBER A6.05a





3200 NW PARAGON PKWY

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PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS

LATIMER SOMMERS FIRE PROTECTION LATIMER SOMMERS

LATIMER SOMMERS

FINKLE + WILLIAMS

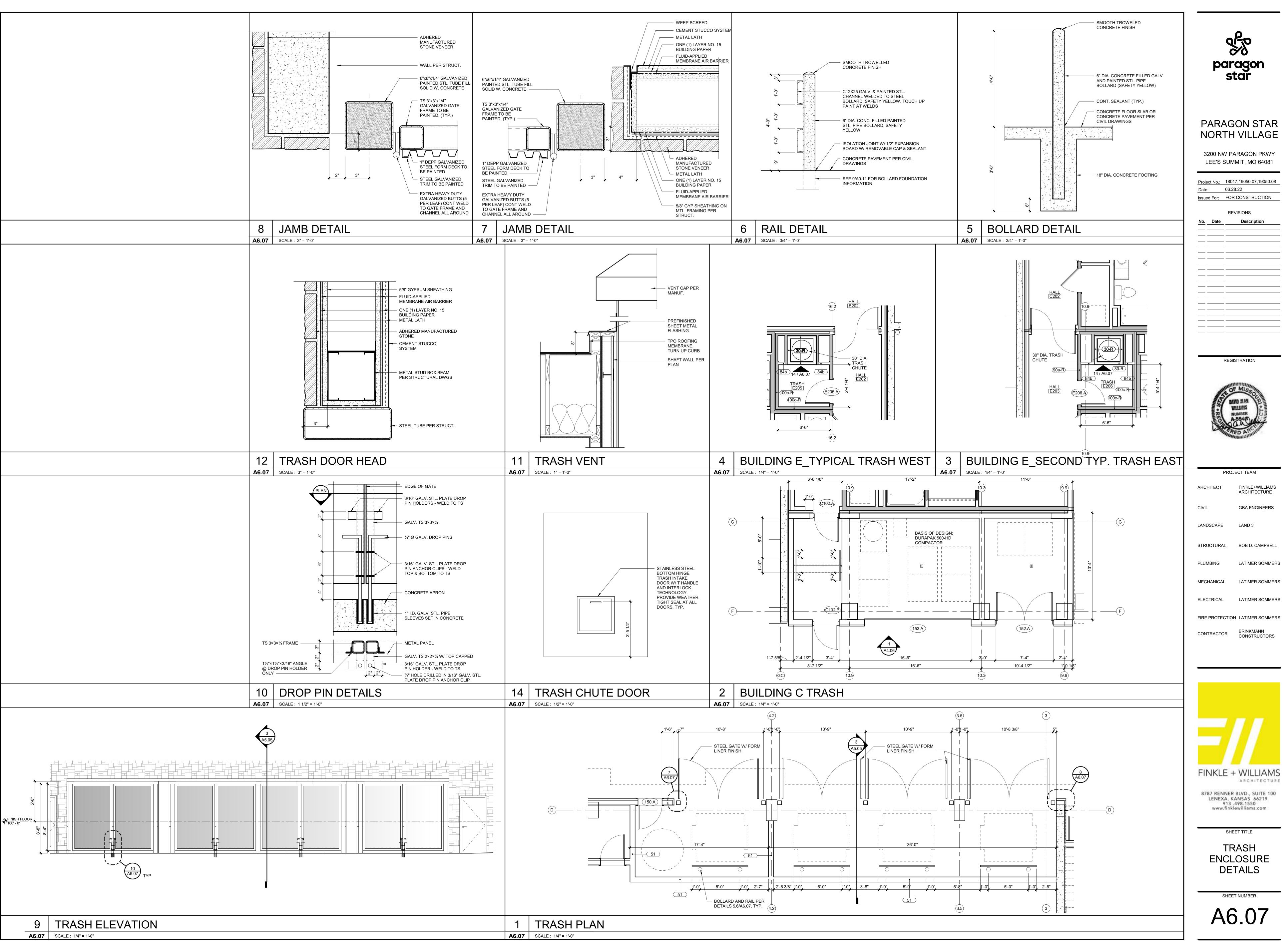
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SHEET TITLE VERTICAL

CIRCULATION-BUILDING F

A6.06

SHEET NUMBER





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REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE **GBA ENGINEERS** STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS LATIMER SOMMERS ELECTRICAL

LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS BRINKMANN CONSTRUCTORS CONTRACTOR

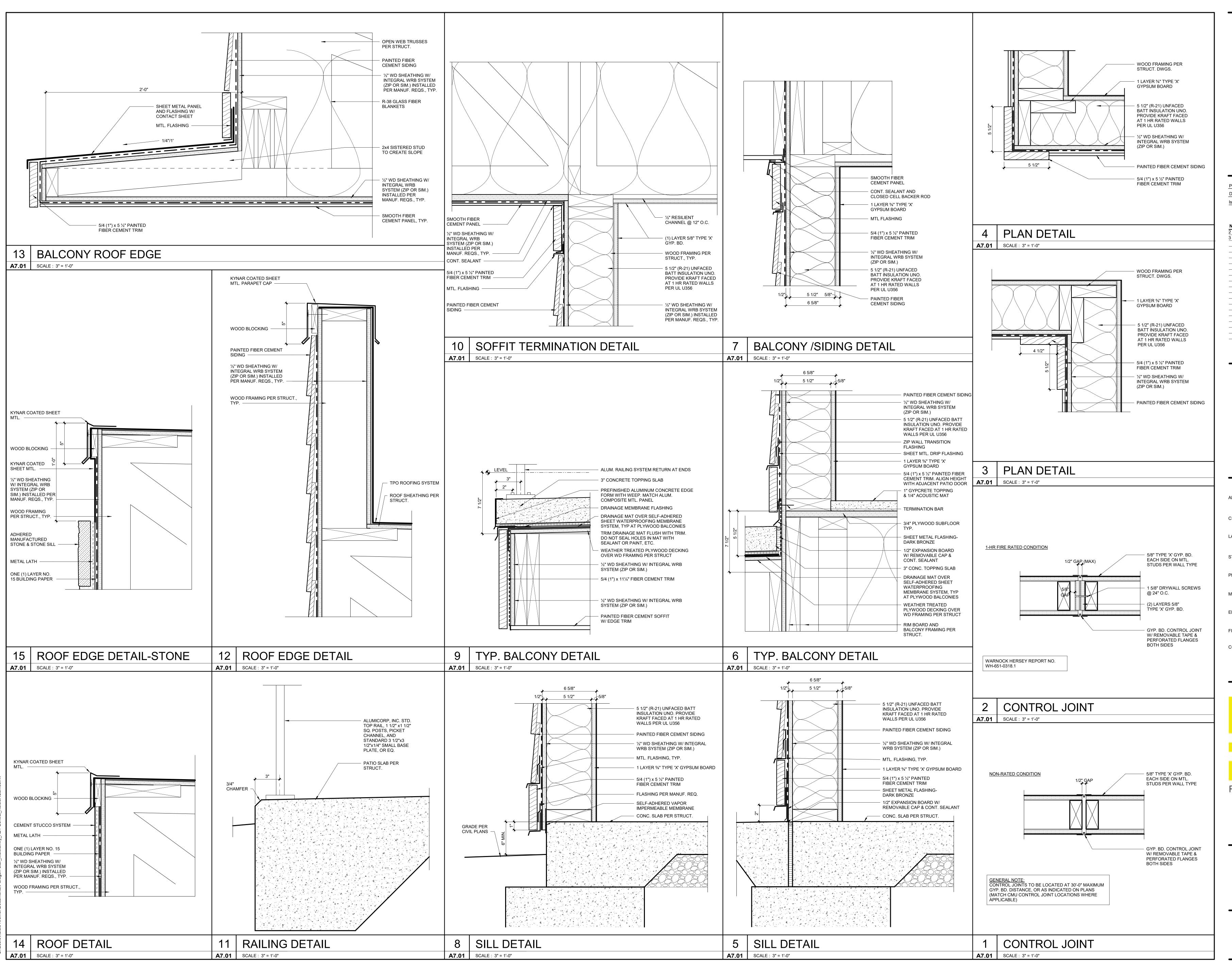
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SHEET TITLE TRASH **ENCLOSURE**

DETAILS

SHEET NUMBER





LEE'S SUMMIT, MO 64081

3200 NW PARAGON PKWY

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7.20.22 ADDENDUM 2

REGISTRATION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE CIVIL **GBA ENGINEERS** LANDSCAPE LAND 3 STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS PLUMBING MECHANICAL LATIMER SOMMERS LATIMER SOMMERS ELECTRICAL FIRE PROTECTION LATIMER SOMMERS BRINKMANN CONSTRUCTORS CONTRACTOR

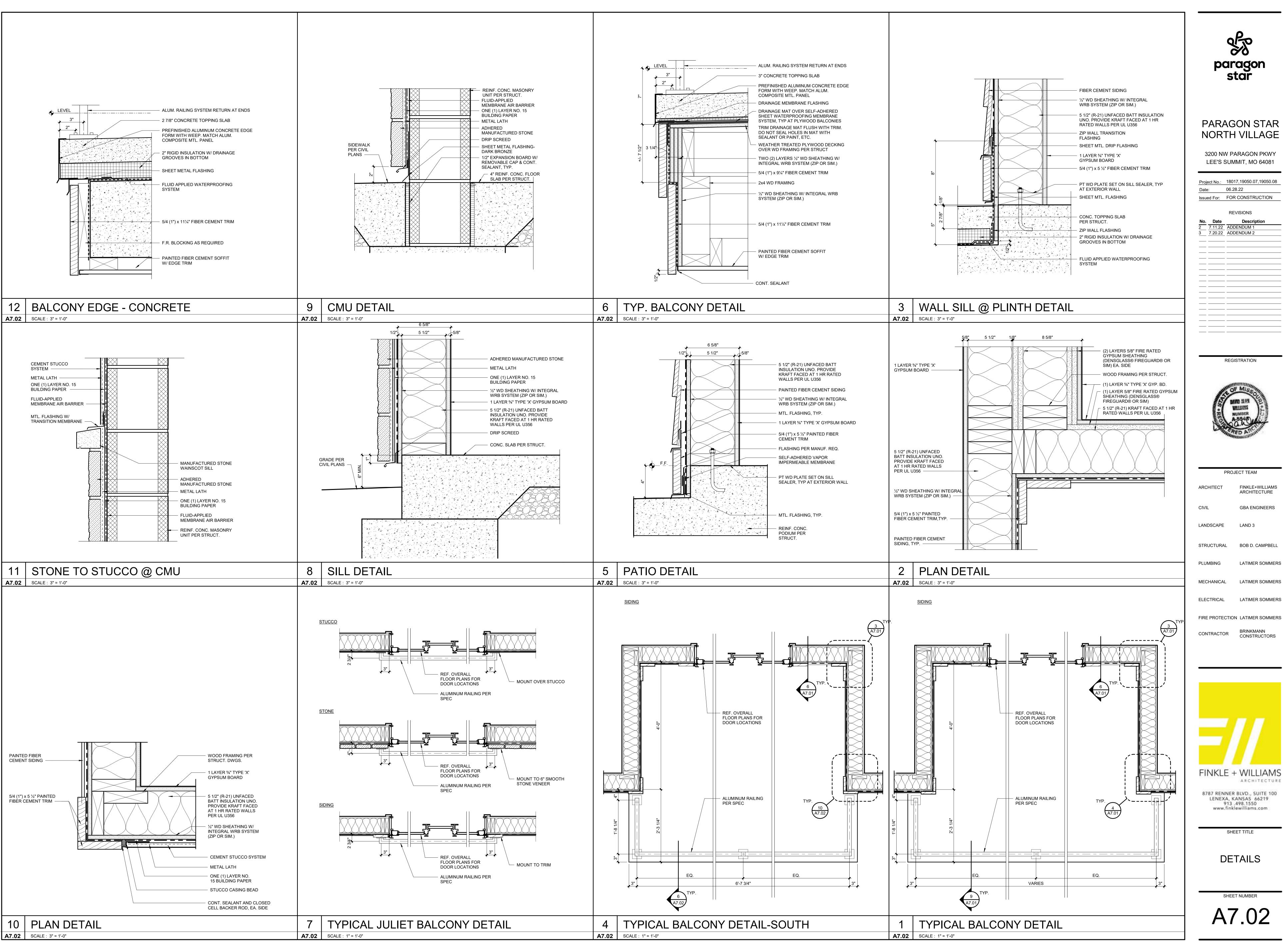


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SHEET TITLE

DETAILS

SHEET NUMBER A7.01





3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

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PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE **GBA ENGINEERS** CIVIL LAND 3 LANDSCAPE STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS MECHANICAL LATIMER SOMMERS LATIMER SOMMERS ELECTRICAL



BRINKMANN CONSTRUCTORS

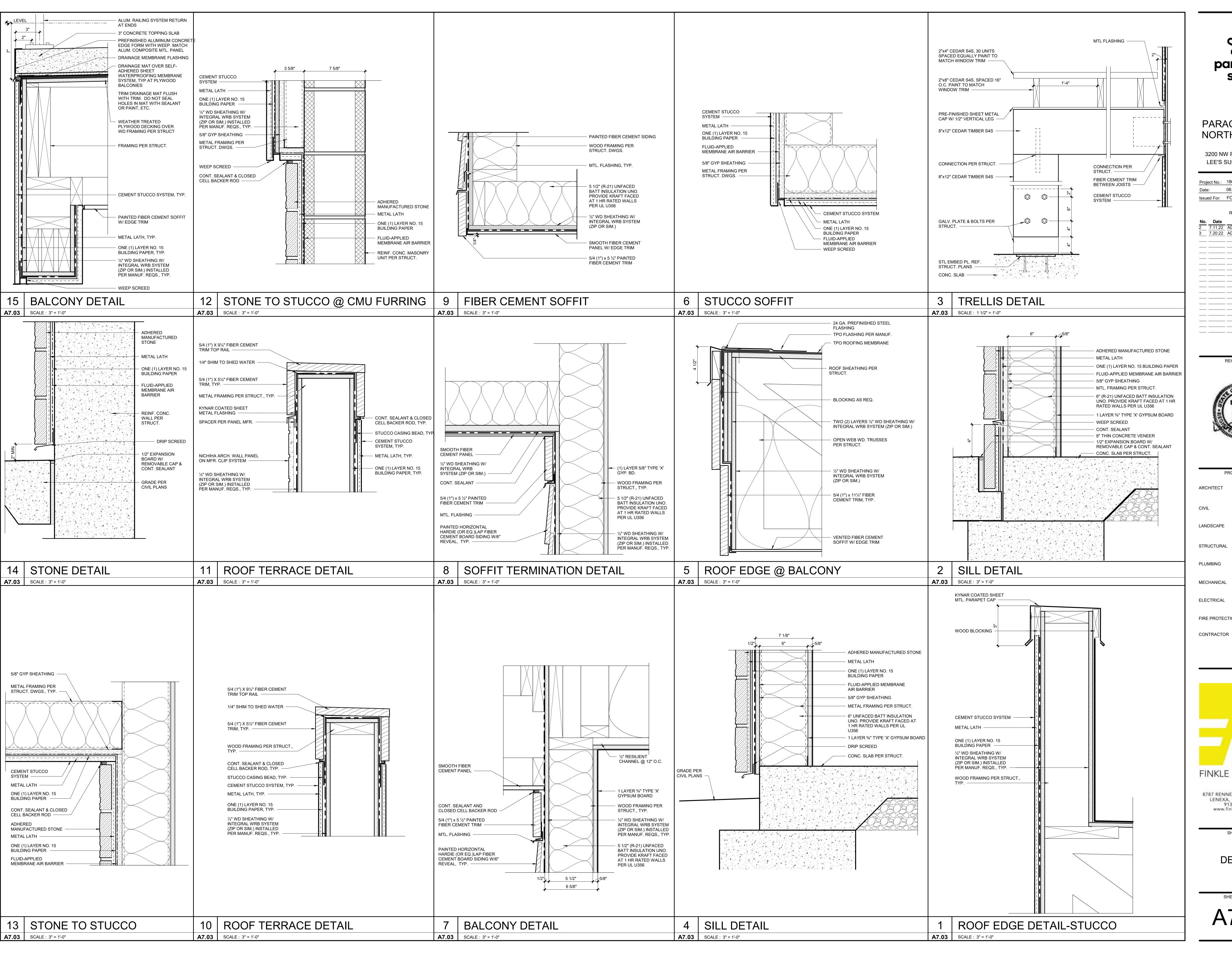
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SHEET TITLE

DETAILS

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 ADDENDUM 2

REGISTRATION



PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS



BRINKMANN CONSTRUCTORS

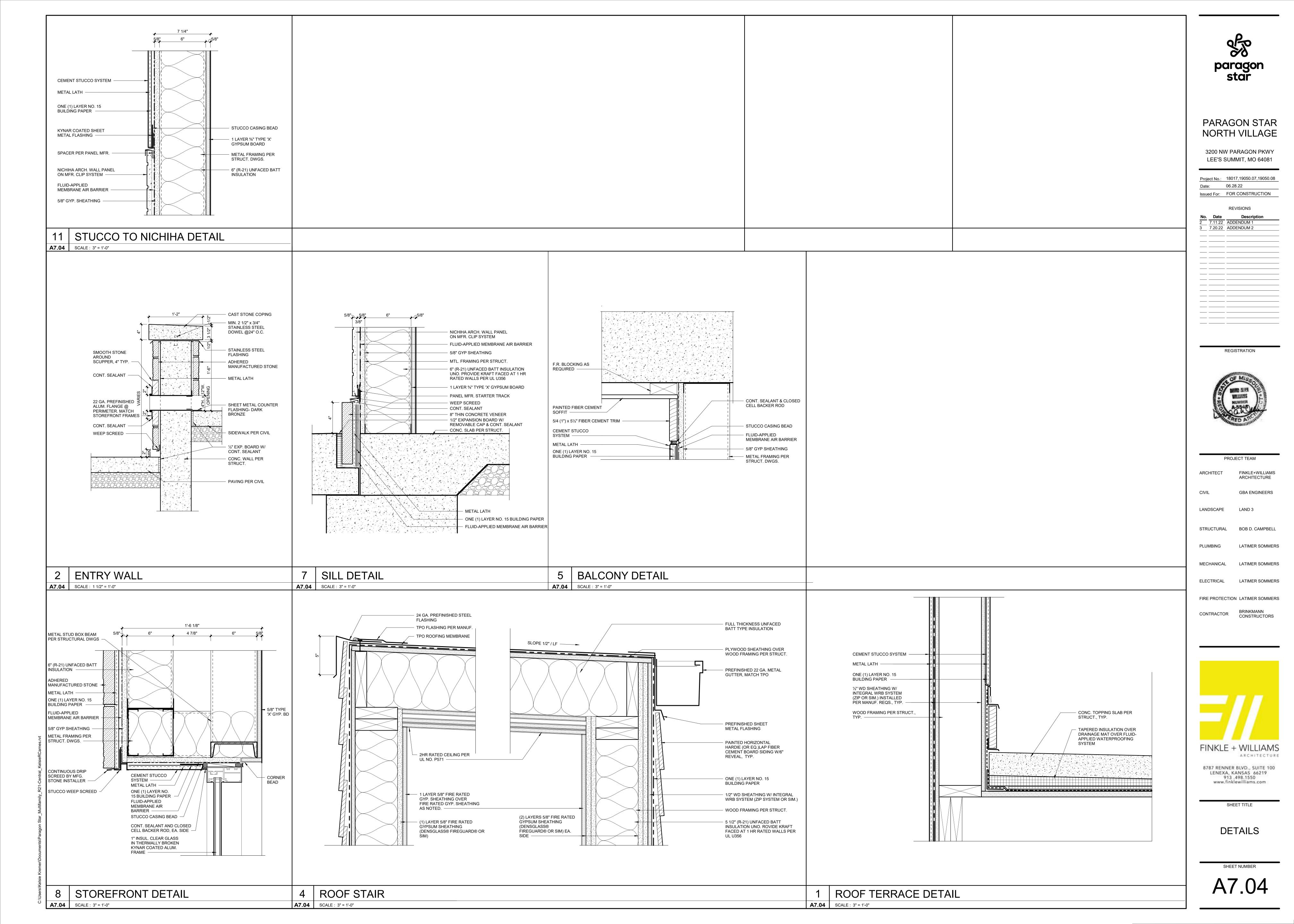
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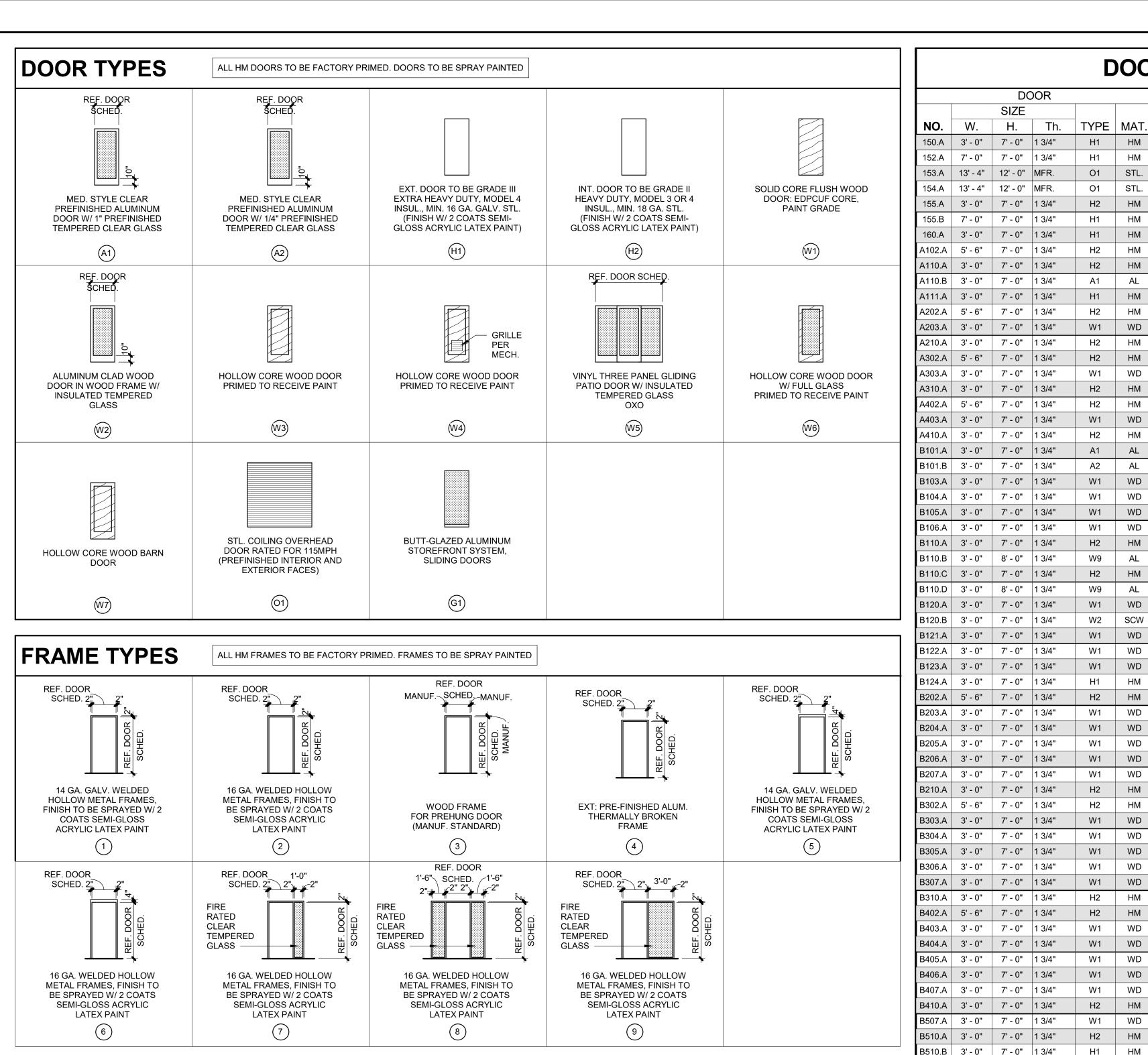
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SHEET TITLE

DETAILS

A7.03





REMARKS	
 (1) PROVIDE BUMPERS @ DOORS (2) ADD ELECTRIC STRIKE (NO ELECTRIC STRIKE AT CONCEALED VERTICAL ROD TOUCH BAR) AND PREP FOR CARD READER (3) PROVIDE AUTOMATIC HOLD OPENS TIED TO FIRE ALARM (4) DOOR TO COMPLY WITH THE FOLLOWING: Electromagnetic locking doors, locked only from the stairway side Doors are always openable from the egress side (without a key or special knowledge) Doors are unlocked and openable from both sides via disengagement of the electromagnetic lock, upon activation of the fire alarm system. Electromagnetic lock shall fail in the safe mode and be connected to the fire alarm panel (5) DOOR TO FAIL SECURE. PROVIDE CARD KEY IN KONX BOX FOR FD ACCESS 	

HARDWARE SETS

GENERAL NOTES:

- ALL HARDWARE SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA). ALL DOOR HARDWARE SHALL BE FINISH US26D OR EQUIVALENT UNLESS OTHERWISE NOTED.
- ALL LATCHSETS AND LOCKSETS SHALL BE EQUIPPED WITH LEVER TYPE OPERATING TRIM W/ THE "CLUTCH" FEATURE. ALL CLOSERS SHALL BE LOCATED ON ROOMS SIDES OF DOORS.
- CONTRACTOR'S HARDWARE CONSULTANT SHALL BE RESPONSIBLE FOR DETERMINING APPROPRIATE HARDWARE FUNCTION AND OPTIONS. CONTRACTOR SHALL COORDINATE FINAL KEYING WITH OWNER.

(LA) LATCHSETS

SET # LA.1 -HINGES ("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") -LATCHSET ("PDQ" XGT-PHL SPIRIT SERIES) -WALL STOP ("HAGER" 236 W)

("HAGER" 307D)

("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") -HINGES ("PDQ" XGT-PHL SPIRIT SERIES) -LATCHSET -CLOSER -WALL STOP

("PDQ" 7100 H.D. SERIES) ("HAGER" 236 W) -SILENCERS ("HAGER" 307D)

<u>SET #LA.3</u> -1 POCKET DOOR HARDWARE NOTE: ADA PULL @ TYPE A UNITS

-SILENCERS

-3 HINGES -1 BALL CATCH -1 DUMMY TRIM -3 SILENCERS SET #LA.5 -6 HINGES

-2 BALL CATCH -2 DUMMY TRIM -6 SILENCERS SET # LA.6 -6 HINGES

("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") -CONCEALED CLOSER ("PDQ" 7100 H.D. SERIES) -COORDINATOR -CONCEVERTICAL ROD FIRE EXIT DEVICE -ASTRAGAL -1 SMOKE GASKET

SET # LA.7 -3 HINGES ("PDQ" XGT-PHL SPIRIT SERIES) -LATCHSET -CLOSER ("PDQ" 7100 H.D. SERIES) -WALL STOP

("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") -1 SMOKE GASKET -MAG LOCK

(LK) INTERIOR LOCKSETS

("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") -HINGES -LOCKSET ("PDQ" XGT-PHL SPIRIT SERIES) -WALL STOP ("HAGER" 236 W) -SILENCERS ("HAGER" 307D) -CLOSER ("PDQ" 7100 H.D. SERIES)

SET #LK.2 SPRING HINGES -LOCKSET ("PDQ" XGT-PHL SPIRIT SERIES) -WALL STOP ("HAGER" 236 W) -SILENCERS ("HAGER" 307D)

("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") -SMOKE GASKET ("PDQ" 7100 H.D. SERIES) -CLOSER -WALL STOP ("HAGER" 236 W)

-SILENCERS ("HAGER" 307D) -3 HINGES -1 APARTMENT LOCK -1 WALL STOP -1 SMOKE GASKET

-1 CLOSER -1 PRIVACY SET -1 DOOR STOP -3 SILENCERS

-1 DEADBOLT W/ CLOSER

<u>SET #LK.6</u> -1 POCKET DOOR HARDWARE -1 POCKET DOOR LATCH NOTE: ADA PULL & LATCH @ TYPE A UNITS 3 HINGES

SET #LK.8 -3 SPRING HINGES -1 DEADBOLT -1 SMOKE GASKET

<u>SET #LK.9</u> -HARDWARE PER DOOR MANUF -6 HINGES

("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") -LOCKSET ("PDQ" XGT-PHL SPIRIT SERIES) -SILENCERS ("HAGER" 307D) -AUTOMATIC FLUSH BOLTS -PANIC BAR ("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") ("PDQ" XGT-PHL SPIRIT SERIES) -SILENCERS ("HAGER" 307D) -WALL STOP ("HAGER" 236 W)

SET # LK.12 -6 HINGES -1 PRIVACY SET -3 DOOR STOP -6 SILENCERS -ASTRAGAL

(PP) PUSH/PULL

<u>SET # PP.1</u> ("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2")

-HINGES - 48" STAINLESS STEEL LADDER PULLS -WALL STOP ("HAGER" 236 W) -SILENCERS ("HAGER" 307D) ("PDQ" 7100 H.D. SERIES) -CLOSER SET #PP.2

-BARN DOOR HARDWARE PER MANUF

(AL) ALUMINUM DOORS

B610.A 3' - 0" 7' - 0" 1 3/4"

C101.A | 5' - 6" | 7' - 0" |1 3/4"

C102.A 3' - 0" 7' - 0" 1 3/4"

C102.B | 3' - 0" | 8' - 0" | 1 3/4"

C103.A 3' - 0" 7' - 0" 1 3/4"

C110.A 3' - 0" 7' - 0" 1 3/4"

C110.B 3' - 0" 8' - 0" 1 3/4"

C111.A 3' - 0" 7' - 0" 1 3/4"

C201.A 5' - 6" 7' - 0" 1 3/4"

C202.A 5' - 6" 7' - 0" 1 3/4"

C203.A 3' - 0" 7' - 0" 1 3/4"

C210.A 3' - 0" 7' - 0" 1 3/4"

C301.A 5' - 6" 7' - 0" 1 3/4"

C302.A | 5' - 6" | 7' - 0" | 1 3/4"

C303.A 3' - 0" 7' - 0" 1 3/4"

C310.A 3' - 0" 7' - 0" 1 3/4"

C401.A 5' - 6" 7' - 0" 1 3/4"

C402.A 5' - 6" 7' - 0" 1 3/4"

C403.A 3' - 0" 7' - 0" 1 3/4"

C410.A 3' - 0" 7' - 0" 1 3/4"

CONTINUOUS (HEAVY DUTY - BY DOOR MFR.) -CLOSERS CONCEALED (HEAVY DUTY - BY DOOR MFR.) 48" PREFINISHED ALUMINUM LADDER PULL DC35 -PULLS -EXIT DEVICES ("DOOR-O-MATIC/FALCON" EL1690 TOUCHBAR CONCEALED ROD EXIT DEVICE FINISH DC35) -THRESHOLD ("PEMKO" 2005-AS OR EQUAL) ("PEMKO" 316 AV OR EQUAL) ("PEMKO" 345 2AV OR EQUAL)

-WEATHERSTRIP -BOTTOM SWEEP -ASTRAGAL (MEETING STILE) -POWER SUPPLY -POWER TRANSFER HINGE -MOTION SENSOR

-PULL

CONTINUOUS (HEAVY DUTY - BY DOOR MFR.) -CLOSER CONCEALED (HEAVY DUTY - BY DOOR MFR.) -PULLS 48" PREFINISHED ALUMINUM LADDER PULL DC35 ("DOOR-O-MATIC/FALCON" 1690 TOUCHBAR -EXIT DEVICE CONCEALED ROD EXIT DEVICE FINISH DC35)

SET # AL.3 -HINGES CONTINOUS (HEAVY DUTY - BY DOOR MFR.) -CLOSER CONCEALED (HEAVY DUTY - BY DOOR MFR.) 48" PREFINISHED ALUMINUM LADDER PULL DC35 -EXIT DEVICE ("DOOR-O-MATIC/FALCON" 1790 TOUCHBAR CONCEALED ROD EXIT DEVICE FINISH DC35)

(EL) EXTERIOR LOCKSETS

("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") -LOCKSET ("PDQ" XGT SPIRIT SERIES) -CLOSER ("PDQ" 7100 H.D. SERIES) -THRESHOLD "PEMKO" 171A) -WEATHERSTRIP ("PEMKO" 303 AV) -BOTTOM SWEEP ("PEMKO" 315CN) -DRIP CAP ("PEMKO" 346C)

-6 HINGES -LOCKSET -CLOSERS -THRESHOLD -WEATHERSTRIF -BOTTOM SWEEP -DRIP CAP

DOOR AND FRAME SCHEDULE

RATING

90 MIN.

90 MIN.

90 MIN.

90 MIN.

20 MIN.

90 MIN.

20 MIN.

90 MIN.

20 MIN.

20 MIN.

20 MIN.

90 MIN.

90 MIN.

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90 MIN.

20 MIN.

90 MIN.

20 MIN.

90 MIN.

90 MIN.

90 MIN.

20 MIN.

90 MIN.

ΓΥΡΕ∣ MAT.

HM

HM

HM

JAMB

5/A8.06 SIM.

13/A8.04 SIM.

19/A8.02

5/A8.06

4/A8.05

2/A8.02

8/A8.03

8/A8.03

4/A8.05

9/A8.02

2/A8.02

4/A8.05

9/A8.02

2/A8.02

4/A8.05

9/A8.02

2/A8.02

8/A8.04 SIM.

11/A8.02

9/A8.02

9/A8.02

9/A8.02

9/A8.02

2/A8.02

8/A8.04 SIM.

19/A8.02

10,17/A8.02

6/A8.03

10,17/A8.02

9/A8.02

9/A8.02

8/A8.03 SIM.

4/A8.05

9/A8.02

9/A8.02

9/A8.02

9/A8.02

9/A8.02

2/A8.02

4/A8.05

9/A8.02

9/A8.02

2/A8.02

4/A8.05

9/A8.02

9/A8.02

9/A8.02

9/A8.02

9/A8.02

2/A8.02

2/A8.02

8/A8.03 SIM.

8/A8.03 SIM.

4/A8.05

3/A8.04 SIM.

1/A8.02

2/A8.02

8/A8.04 SIM.

7/A8.01G

4/A8.05

4/A8.05

1/A8.02

2/A8.02

4/A8.05

4/A8.05

1/A8.02

2/A8.02

4/A8.05

4/A8.05

1/A8.02

2/A8.02

19/A8.02 SIM. | 20/A8.02 SIM.

8/A8.04 SIM.

DETAILS

HEAD

14/A8.04 SIM.

20/A8.02

6/A8.06

5/A8.05

6/A8.02

9/A8.03

9/A8.03

5/A8.05

6/A8.02

5/A8.05

13/A8.02

6/A8.02

5/A8.05

13/A8.02

6/A8.02

15/A8.02

13/A8.02

13/A8.02

13/A8.02

13/A8.02

6/A8.02

20/A8.02

14,18/A8.02

7/A8.03

4/18/A8.02

13/A8.02

13/A8.02

9/A8.03 SIM.

13/A8.02

13/A8.02

13/A8.02

13/A8.02

13/A8.02

6/A8.02

5/A8.05

13/A8.02

13/A8.02

13/A8.02

6/A8.02

5/A8.05

13/A8.02

13/A8.02

13/A8.02

13/A8.02

13/A8.02

6/A8.02

6/A8.02

9/A8.03 SIM.

9/A8.03 SIM.

5/A8.02

6/A8.02

8/A8.01G

5/A8.05

5/A8.05

5/A8.02

6/A8.02

5/A8.05

5/A8.05

5/A8.02

6/A8.02

5/A8.05

5/A8.05

5/A8.02

6/A8.02

1/A8.04

1/A8.03

1/A8.03

1/A8.01G SIM. | 2/A8.01G SIM. |

13/A8.04 SIM. | 14/A8.04 SIM. |

1/A8.01G SIM. | 2/A8.01G SIM. |

SILL

2/A8.03

17/A8.04

17/A8.04

2/A8.03

2/A8.03

2/A8.03

1/A8.03

1/A8.03

1/A8.03

3/A8.03

1/A8.03

HARDWARE | REMARKS

EL.2

MFR.

MFR.

LA.2

EL.2

LA.6

LA.7

AL.1

LA.6

LK.2

LA.7

LA.6

LK.2

LA.7

LA.6

LK.2

LA.7

AL.2

LK.2

LK.2

LK.2

LK.2

AL.1

EL.1

LA.2

LK.3

LK.3

EL.1

LA.6

LK.2

LK.2

LK.2

LK.2

LA.7

LA.6

LK.2

LK.2

LK.2

LA.7

LA.6

LK.2

LK.2

LK.2

LK.2

LA.7

LK.2

LA.7

LA.6

LA.2

LK.2

LA.7

AL.1

LK.2

LA.6

LA.6

LA.7

LA.7

LA.7

DOOR

Th.

TYPE

01

НМ

STL.

HM

WD

НМ

НМ

НМ

SCW

WD

WD

НМ

WD

HM

НМ

WD

WD

WD

HM

НМ

HM

НМ

WD

НМ

W1 WD

H2

W9

H2

MFR.

HM

HM

HM

HM

HM

HM

HM

HM

2 HM

A2

W9

W2

SI7F

("PBB" H.W. BALL BEARING 4 1/2" X 4 1/2") ("PDQ" XGT SPIRIT SERIES) ("PDQ" 7100 H.D. SERIES) "PEMKO" 303 AV) ("PEMKO" 315CN)

("PEMKO" 346C)

1/A8.03 AL.2 D105.A | 3' - 2" | 8' - 0" MFR. MFR MFR. MFR. MFR. 106.A 3' - 2" 8' - 0" MFR. MFR MFR. MFR. MFR. -107.A 3' - 2" 8' - 0" G1 MFR. MFR MFR. MFR. 108.A 3' - 0" 8' - 0" 1 3/4" W1 2/A8.04 3/A8.04 LK.1 D109.A | 5' - 0" | 8' - 0" |1 3/4" H2 HM 2/A8.04 3/A8.04 LK.10 9/A8.04 LA.7 110.A 3' - 0" 8' - 0" 1 3/4" HM 90 MIN. 10/A8.04 110.B | 3' - 0" | 8' - 0" | 1 3/4" 8/A8.04 1/A8.03 AL.1 W9 111.A | 3' - 0" | 8' - 0" | 1 3/4" 2/A8.04 3/A8.04 112.A | 3' - 0" | 7' - 0" |1 3/4" 1/A8.03 AL.1 113.A 3' - 0" 8' - 0" 1 3/4" 2/A8.04 PP.1 3/A8.04 114.A 3' - 0" 8' - 0" 1 3/4" 2/A8.04 3/A8.04 115.A 3' - 0" 8' - 0" 1 3/4" 2/A8.04 3/A8.04 LK.1 116.A 5' - 0" 8' - 0" 1 3/4" HM 2/A8.04 3/A8.04 LK.11 117.A 3' - 0" 8' - 0" 1 3/4" 2/A8.04 3/A8.04 LK.1 118.A | 3' - 0" | 8' - 0" | 1 3/4" HM 2/A8.04 3/A8.04 LK.1 119.A | 3' - 0" | 8' - 0" |1/2" D201.A | 5' - 6" | 7' - 0" |1 3/4" H2 HM 90 MIN. 4/A8.05 5/A8.05 LA.6 LK.2 203.A 3' - 0" 7' - 0" 1 3/4" 20 MIN. 1/A8.02 5/A8.02 0204.A 3' - 0" 7' - 0" 1 3/4" HM 20 MIN. 9/A8.02 13/A8.02 LK.2 1/A8.02 5/A8.02 LA.2 9/A8.02 13/A8.02 LK.3 207.A 3' - 0" 7' - 0" 1 3/4" HM 20 MIN. 1/A8.02 5/A8.02 LA.2 12/A8.04 207.B | 6' - 0" | 8' - 10" | 1 3/4" MFR. MFR. AL.1 207.C | 6' - 0" | 8' - 10" | 1 3/4" MFR. MFR. 12/A8.04 AL.1 9/A8.02 13/A8.02 LK.3 9/A8.02 13/A8.02 LK.2 **20 MIN** 210.A 3' - 0" 7' - 0" 1 3/4" HM 90 MIN. 2/A8.02 6/A8.02 LA.7 4/A8.05 HM 5/A8.05 LA.6 D303.A | 3' - 0" | 7' - 0" | 1 3/4" HM **20 MIN** 1/A8.02 5/A8.02 LK.2 9/A8.02 LK.2 304.A 3' - 0" 7' - 0" 1 3/4" HM 20 MIN. 13/A8.02 LA.7 310.A 3' - 0" 7' - 0" 1 3/4" HM 90 MIN. 2/A8.02 6/A8.02 H2 4/A8.05 LA.6 HM 1/A8.02 5/A8.02 LK.2 LK.2 0404.A | 3' - 0" | 7' - 0" | 1 3/4" 9/A8.02 13/A8.02 20 MIN. LA.7 2/A8.02 6/A8.02 D503.A 3' - 0" 7' - 0" 1 3/4" HM 1/A8.02 5/A8.02 LK.2 D504.A | 3' - 0" | 7' - 0" |1 3/4" HM 9/A8.02 13/A8.02 LK.2 D505.A 3' - 0" 7' - 0" 1 3/4" HM 9/A8.02 13/A8.02 LK.2 20 MIN. 510.A | 3' - 0" | 7' - 0" |1 3/4" | H2 | HM 2/A8.02 6/A8.02 LA./ 510.B 3' - 0" 7' - 0" 1 3/4" 8/A8.03 SIM. 9/A8.03 SIM. H1 HM 100.A 6' - 0" 8' - 0" 1 3/4" 8/A8.04 SIM. 1/A8.03 AL.1 101.A 6' - 0" 8' - 0" 1 3/4" 102.A 3' - 0" 8' - 0" 1 3/4" H2 4/A8.04 5/A8.04 EL.1 E103.A | 3' - 0" | 7' - 0" |1 3/4" 11/A8.04 15/A8.04 2/A8.03 E104.A | 3' - 0" | 8' - 0" |1 3/4" 2/A8.04 3/A8.04 LK.1 EL.2 E105.A | 5' - 0" | 7' - 0" |1 3/4" 1/A8.01G 2/A8.01G 2/A8.03 E105.B | 10' - 0" | 12' - 0" | MFR. 13/A8.04 14/A8.04 17/A8.04 MFR. 01 17/A8.04 MFR. 105.C | 10' - 0" | 12' - 0" | MFR. 01 STL. 13/A8.04 14/A8.04 E106.A | 5' - 0" | 7' - 0" |1 3/4" H1 HM 1/A8.01G 2/A8.01G LK.11 110.A 3' - 0" 8' - 0" 1 3/4" EL.1 HM 90 MIN. 16/A8.04 20/A8.04 110.B 3' - 0" 8' - 0" 1 3/4" 18/A8.04 19/A8.04 H2 90 MIN 205.A 3' - 0" 7' - 0" 1 3/4" HM 1/A8.02 5/A8.02 20 MIN. E206.A 3' - 0" 7' - 0" 1 3/4" W1 20 MIN. 1/A8.02 LA.2 E207.A 3' - 0" 7' - 0" 1 3/4" HM 1/A8.02 5/A8.02 2/A8.02 LA.7 4/A8.05 5/A8.05 LA.6 90 MIN. E304.A 3' - 0" 7' - 0" 1 3/4" HM 20 MIN. 1/A8.02 1/A8.02 2 HM 5/A8.02 E306.A | 3' - 0" | 7' - 0" |1 3/4" HM 20 MIN. 1/A8.02 5/A8.02 LA.2 E307.A | 3' - 0" | 7' - 0" | 1 3/4" HM 20 MIN. 1/A8.02 5/A8.02 LK.2 E310.A | 3' - 0" | 7' - 0" | 1 3/4" HM 90 MIN. 2/A8.02 LA.7 H2 E401.A | 5' - 6" | 7' - 0" |1 3/4" 4/A8.05 LA.6 1/A8.02 E404.A | 3' - 0" | 7' - 0" |1 3/4" LA.2 E405.A | 3' - 0" | 7' - 0" |1 3/4" 20 MIN. 1/A8.02 E406.A 3' - 0" 7' - 0" 1 3/4" 20 MIN. 1/A8.02 5/A8.02 LK.2 E407.A 3' - 0" 7' - 0" 1 3/4" HM 1/A8.02 E410.A | 3' - 0" | 7' - 0" |1 3/4" 2/A8.02 6/A8.02 LA.7 E501.A | 5' - 6" | 7' - 0" |1 3/4" HM 90 MIN. 4/A8.05 5/A8.05 502.A 5' - 6" 7' - 0" 1 3/4" HM 90 MIN. 4/A8.05 LA.6 H2 504.A 3' - 0" 7' - 0" 1 3/4" 20 MIN. 1/A8.02 5/A8.02 1/A8.02 LA.2 507.A 3' - 0" 7' - 0" 1 3/4" 1/A8.02 5/A8.02 LK.2 20 MIN. 510.A 3' - 0" 7' - 0" 1 3/4" H2 HM 90 MIN. 2/A8.02 6/A8.02 2/A8.03 110.A 3' - 0" 7' - 0" 1 3/4" 5/A8.06 6/A8.06 HM 4/A8.05 202.A 3' - 0" 7' - 0" 1 3/4" HM 20 MIN. 9/A8.02 13/A8.02 LK.2 LA.7 -210.A 3' - 0" 7' - 0" 1 3/4" HM 90 MIN. 2/A8.02 6/A8.02 H2 F301.A 5' - 6" 7' - 0" 1 3/4" HM 4/A8.05 5/A8.05 LA.6 F302.A 3' - 0" 7' - 0" 1 3/4" HM 9/A8.02 13/A8.02 LK.2 F310.A | 3' - 0" | 7' - 0" | 1 3/4" 90 MIN. 2/A8.02 6/A8.02 LA.7 F401.A 5' - 6" 7' - 0" 1 3/4" 4/A8.05 H2 90 MIN 2 HM 13/A8.02 HM 501.A 5' - 6" 7' - 0" 1 3/4" HM 90 MIN. 4/A8.05 5/A8.05 LA.6 -502.A | 3' - 0" | 7' - 0" | 1 3/4" W1 WD HM 20 MIN. 9/A8.02 13/A8.02 LK.2 LA.7 F510.A 3' - 0" 7' - 0" 1 3/4" H2 HM 2 HM 90 MIN. 2/A8.02 6/A8.02 DOOR LOCATION PLAN

DOOR AND FRAME SCHEDULE

RATING

90 MIN.

TYPE | MAT

HM

JAMB

8/A8.04 SIM.

MFR.

MFR.

DETAILS

HEAD

MFR.

MFR.

MFR.

SILL

1/A8.03

-

ARDWARE

AL.1

LA.6

AL.1

REMARKS

DOOR

Th.

A2

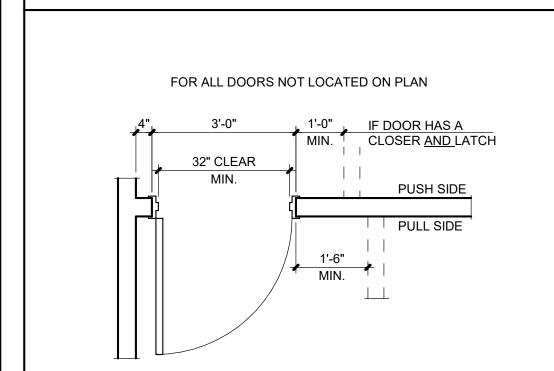
NO. W. H.

D100.B | 6' - 0" | 8' - 0" | 1 3/4"

101.A | 5' - 9" | 8' - 0" |1 3/4"

103.A 6' - 0" 8' - 0" 1 3/4"

103.B | 6' - 0" | 8' - 0" | 1 3/4"



MATERIAL LEGEND



PARAGON STAR NORTH VILLAGE

LEE'S SUMMIT, MO 64081

3200 NW PARAGON PKWY

Project No.: 18017,19050.07,19050.08 06.28.22

Issued For: FOR CONSTRUCTION REVISIONS

1.22 ADDENDUM 1 7.20.22 ADDENDUM 2

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE **GBA ENGINEERS** LANDSCAPE LAND 3 STRUCTURAL BOB D. CAMPBELL **PLUMBING** LATIMER SOMMERS MECHANICAL LATIMER SOMMERS LATIMER SOMMERS ELECTRICAL

FINKLE + WILLIAMS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR

BRINKMANN

CONSTRUCTORS

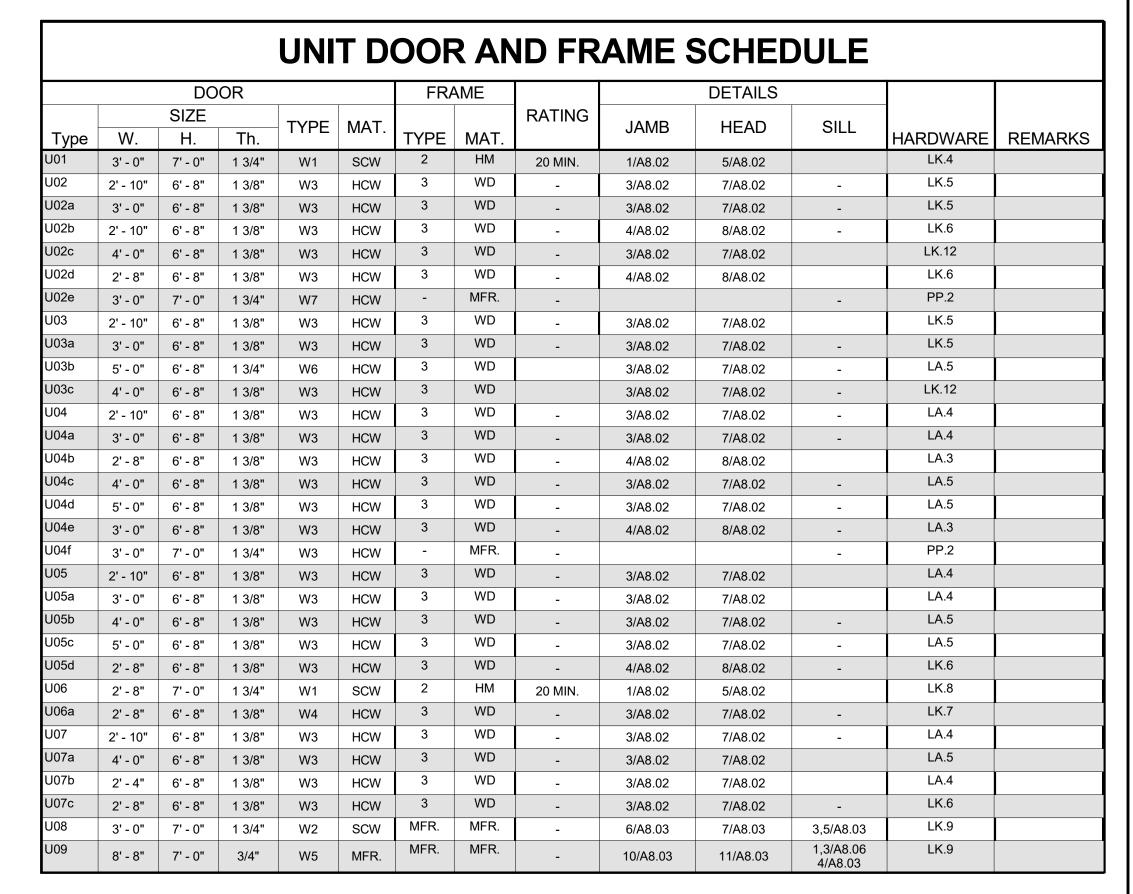
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ARCHITECTURE

SHEET TITLE DOOR **SCHEDULE AND**

SHEET NUMBER

DETAILS



		DC	OOR			FRA	AME			DETAILS			
		SIZE											
NO.	W.	H.	Th.	TYPE	MAT.	TYPE	MAT.	RATING	JAMB	HEAD	SILL	HARDWARE	REMARKS
R100.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R101.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R101.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R101.C	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R102.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R102.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R103.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R103.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R104.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R105.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R105.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	1/A8.01G	2/A8.01G	2/A8.03	EL.1	
R105.C	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	1/A8.01G	2/A8.01G	2/A8.03	EL.1	
R106.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R106.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	1/A8.01G	2/A8.01G	2/A8.03	EL.1	
R107.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R107.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	1/A8.01G	2/A8.01G	2/A8.03	EL.1	
R108.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R108.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R108.C	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R109.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R109.B	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R109.C	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R109.D	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R110.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R110.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R111.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R112.A	3' - 4"	8' - 0"	1 3/4"	A1	AL	4	AL	-	7/A8.06	MFR.	1/A8.03	AL.2	
R112.B	3' - 0"	7' - 0"	1 3/4"	H1	НМ	1	НМ	-	5/A8.06	6/A8.06	2/A8.03	EL.1	
R120.B	8' - 8"	7' - 0"		W5	MFR.			_	10/A8.03	11/A8.03	1,3/A8.06		

			WIN	DOV	N ANI	D FR/	AME S	CHED	ULE	ALL SCHEDULED WINDOW SIZES TO BE R.O.
		WIND	OW	FF	RAME			DETAILS		
	S	SIZE		,		SILL				1
TYPE	W.	H.	MAT.	TYPE	MAT.	HEIGHT	JAMB	HEAD	SILL	WINDOW REMARKS
Α	9' - 0"	5' - 0"	PER SPEC	MFR.	VINYL		14/A8.03	15/A8.03	13/A8.03	SLIDER - XOX
В	6' - 0"	3' - 8"	PER SPEC	MFR.	VINYL	3' - 4"	14/A8.06	15/A8.06	13/A8.06	SLIDER - XO
С	6' - 0"	5' - 0"	PER SPEC	MFR.	VINYL	2' - 0"	14/A8.03	15/A8.03	13/A8.03	SLIDER - XO
D	4' - 0"	5' - 0"	PER SPEC	MFR.	VINYL	2' - 0"	14/A8.03	15/A8.03	13/A8.03	SLIDER - XO
Е	3' - 0"	5' - 0"	PER SPEC	MFR.		2' - 0"	10/A8.06	11/A8.06	9/A8.06	FIXED
F	9' - 0"	3' - 4"	PER SPEC	MFR.	VINYL	3' - 8"	14/A8.06	15/A8.06	13/A8.06	SLIDER - XOX
G	3' - 0"	6' - 0"	PER SPEC	MFR.	VINYL	1' - 0"	18/A8.06 SIM.	19/A8.06 SIM.	17/A8.06 SIM.	FIXED
Н	6' - 0"	5' - 0"	PER SPEC	MFR.	VINYL	2' - 0"	14/A8.06	15/A8.06	13/A8.06	SLIDER - XO
I	9' - 0"	5' - 0"	PER SPEC	MFR.	VINYL	2' - 0"	14/A8.06	15/A8.06	13/A8.06	SLIDER - XOX
J	6' - 0"	5' - 0"	PER SPEC	MFR.	VINYL	2' - 0"	18/A8.03	19/A8.03	17/A8.03	SLIDER - XO
K	4' - 0"	5' - 0"	PER SPEC	MFR.	VINYL	2' - 0"	14/A8.06	15/A8.06	13/A8.06	SLIDER - XO
N	6' - 0"	3' - 4"	PER SPEC	MFR.	VINYL	3' - 8"	14/A8.06	15/A8.06	13/A8.06	SLIDER - XO



3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08

Date: 06.28.22

Issued For: FOR CONSTRUCTION

 No.
 Date
 Description

 2
 7.11.22
 ADDENDUM 1

 3
 7.20.22
 ADDENDUM 2

REGISTRATION



ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

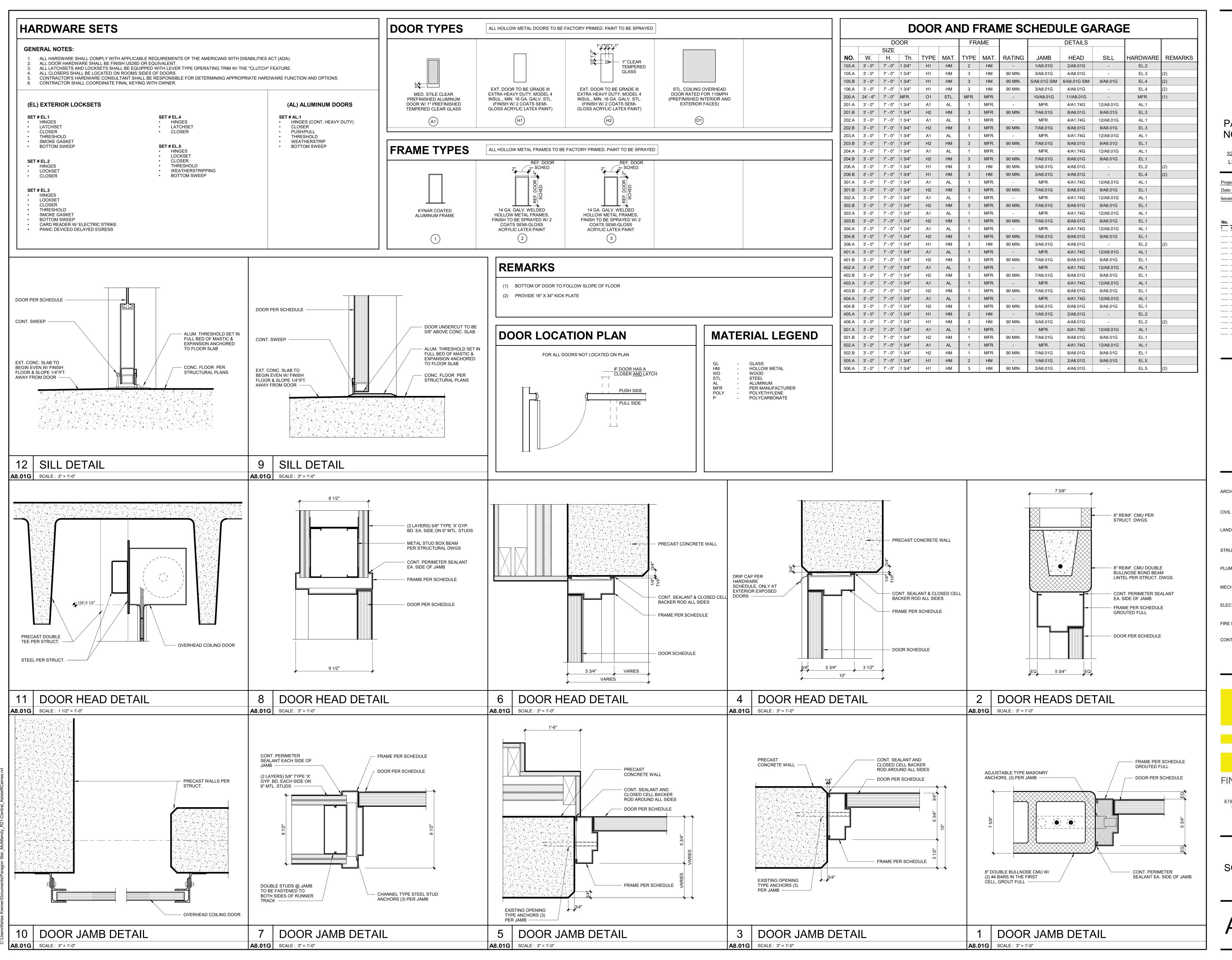


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SHEET TITLE

DOOR & WINDOW SCHEDULE

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3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

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 18017,19050.07,19050.08

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No. Date Description
6.8.22 PERMIT RESPONSE

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE **GBA ENGINEERS** LAND 3 LANDSCAPE STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS LATIMER SOMMERS MECHANICAL LATIMER SOMMERS ELECTRICAL FIRE PROTECTION LATIMER SOMMERS BRINKMANN CONSTRUCTORS CONTRACTOR



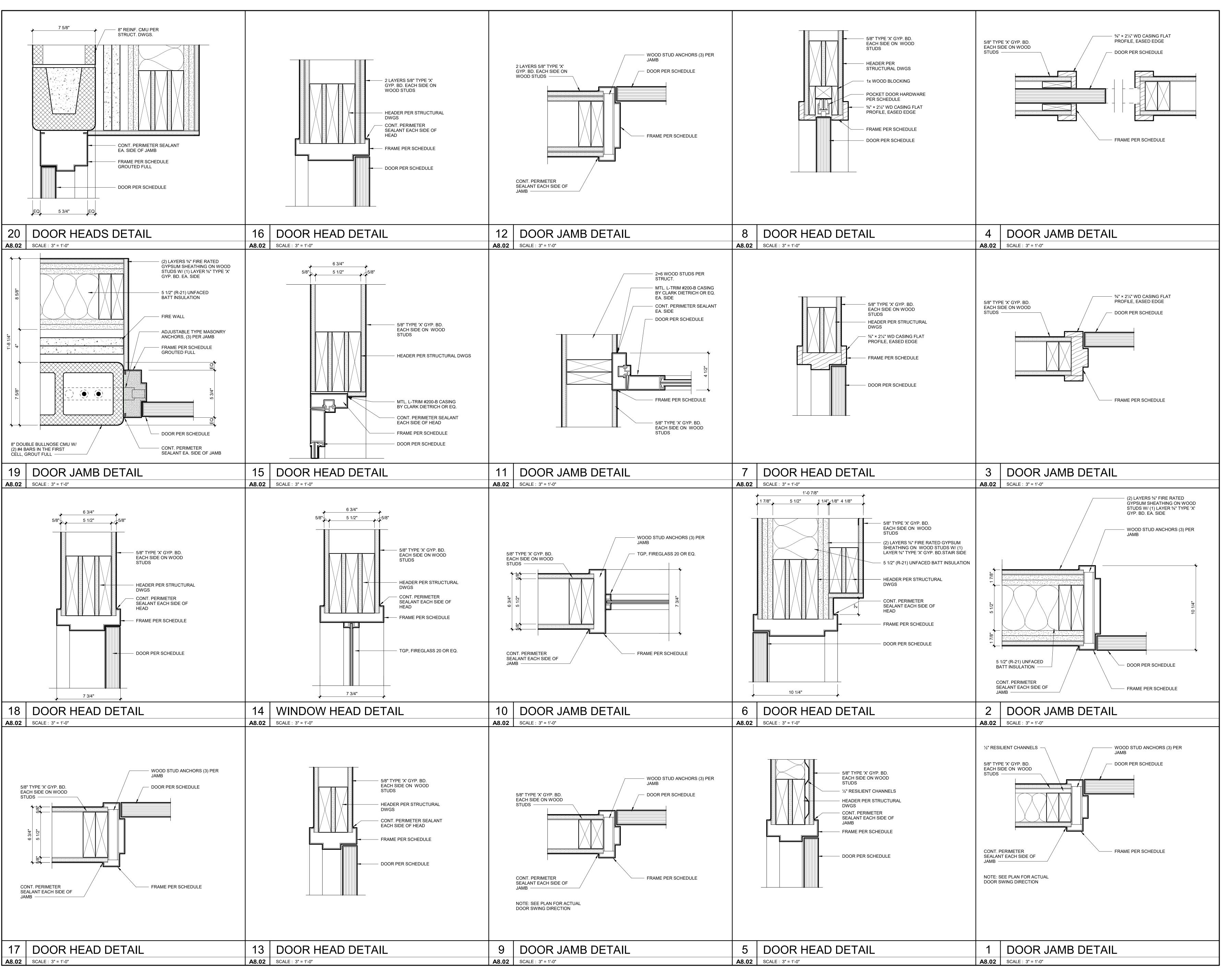
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DOOR SCHEDULE AND

DETAILS

A8.01G





3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

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REVISIONS

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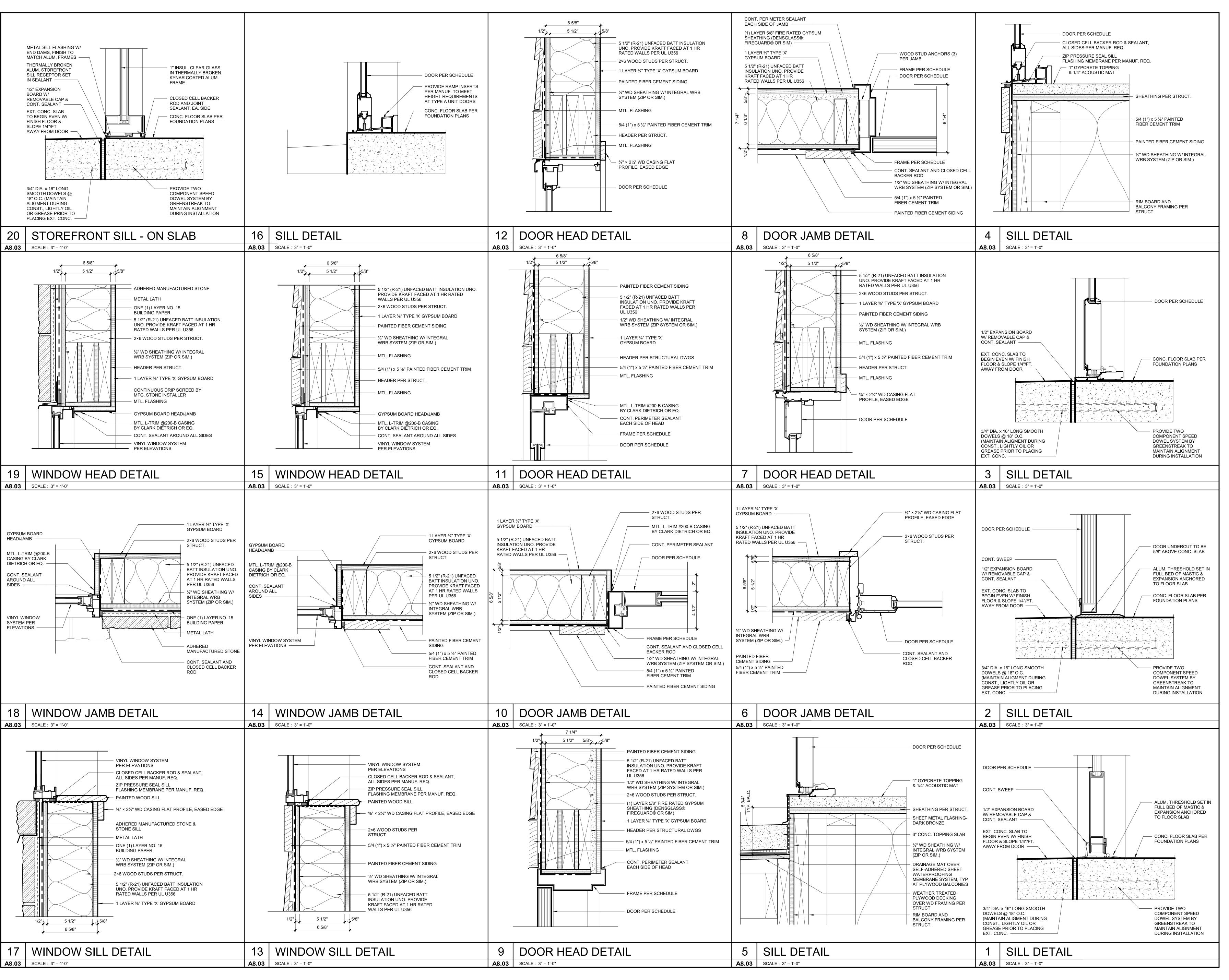
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DOOR DETAILS

SHEET NUMBER

A8.02





PARAGON STAR

3200 NW PARAGON PKWY

LEE'S SUMMIT, MO 64081

NORTH VILLAGE

raiget No. . 18017 10050 07 100

 Project No.:
 18017,19050.07,19050.08

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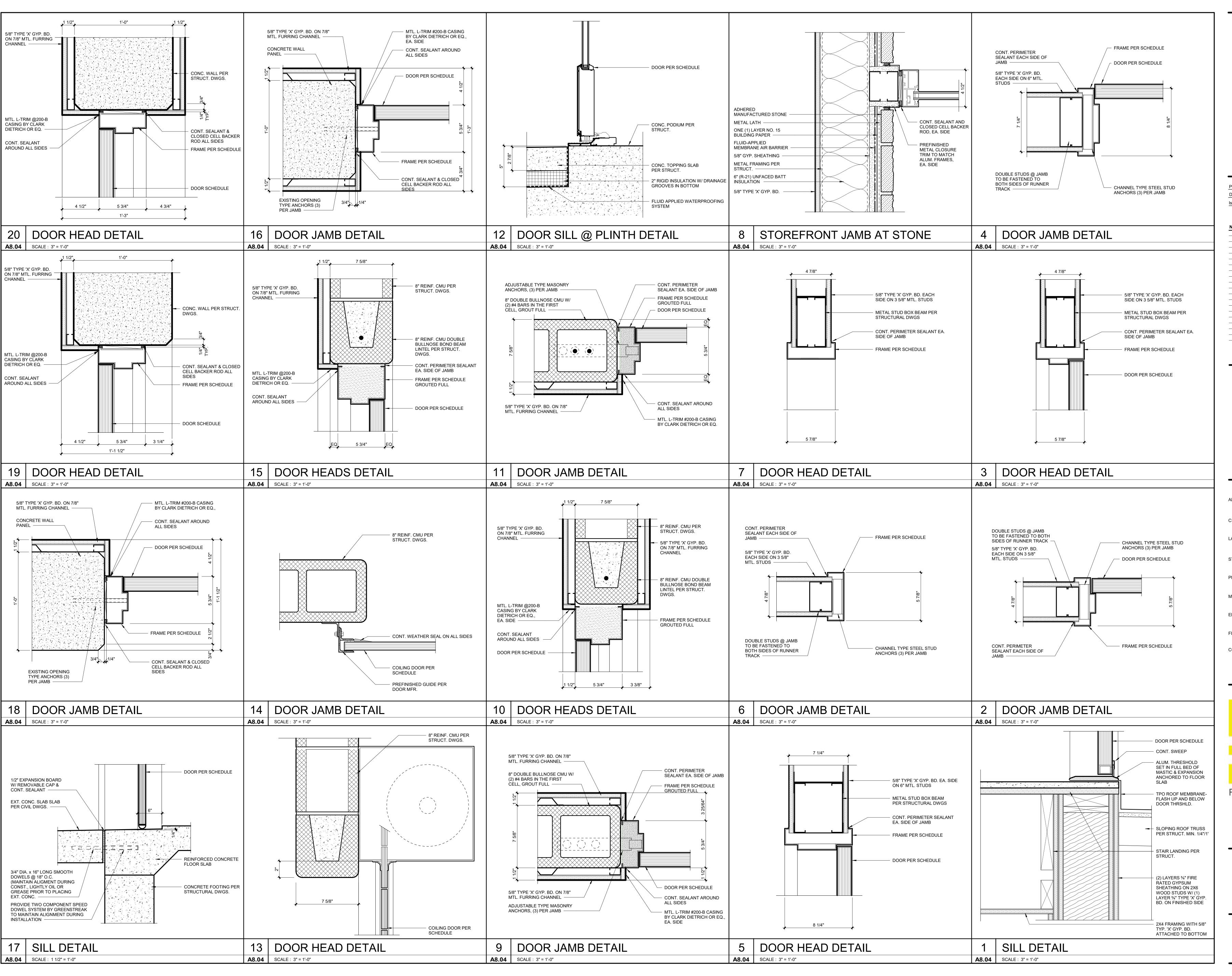
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A8.03





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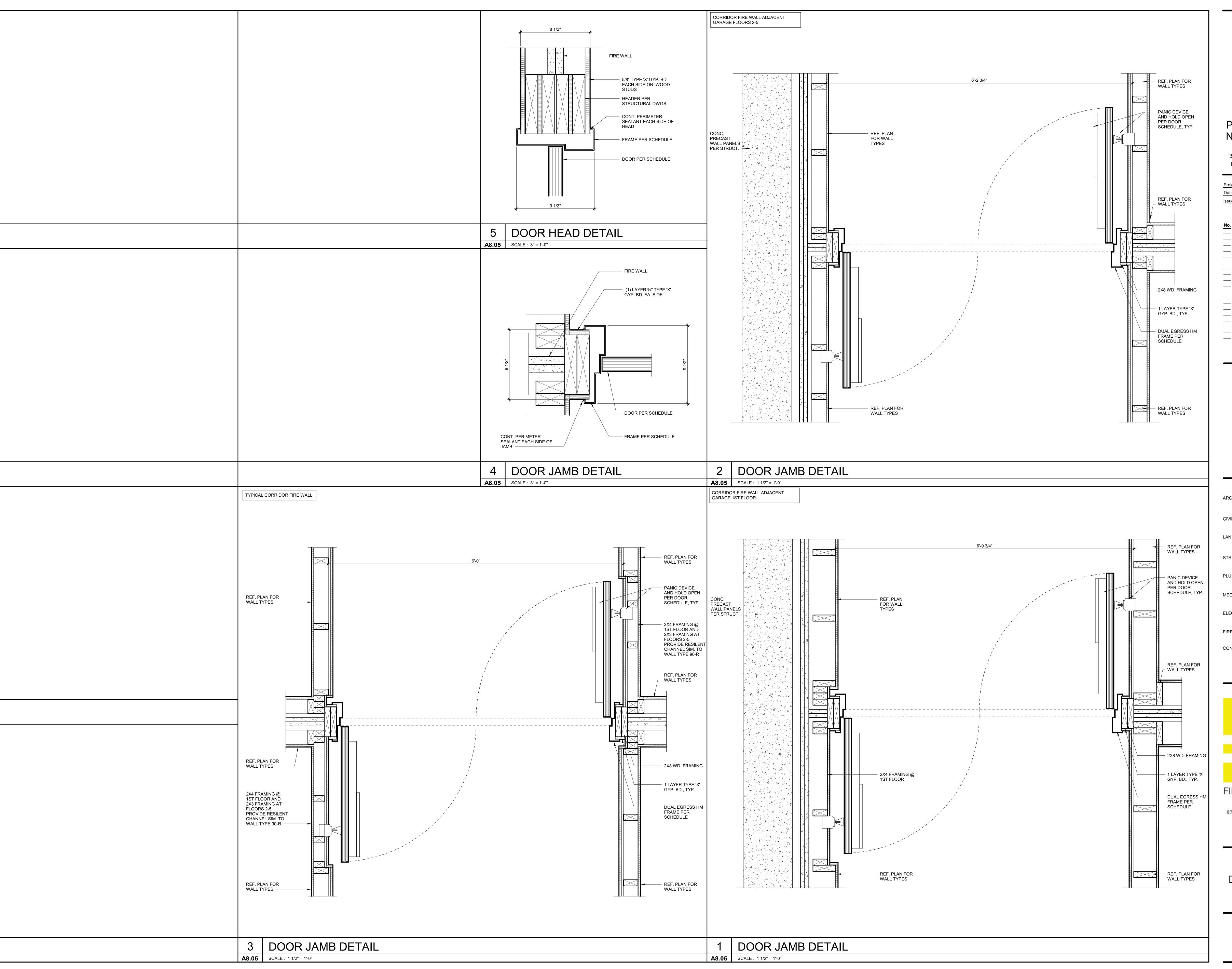
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A8.04

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PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

FINKLE + WILLIAMS

ARCHITECTURE

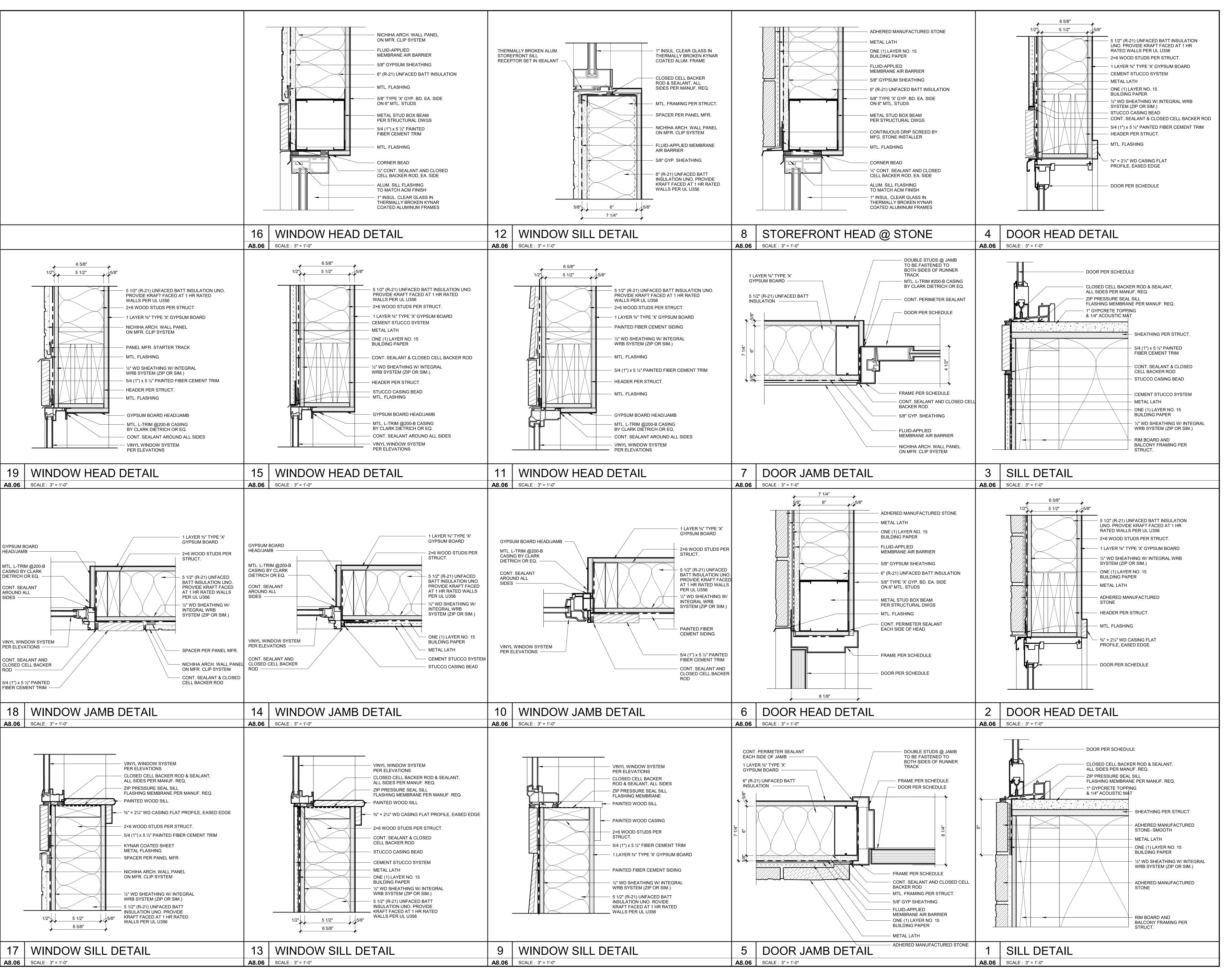
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DOOR DETAILS

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7.11.22 ADDENDUM 1
7.20.22 ADDENDUM 2

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE GBA ENGINEERS LAND 3 LANDSCAPE BOB D. CAMPBELL LATIMER SOMMERS **PLUMBING** LATIMER SOMMERS **MECHANICAL** LATIMER SOMMERS ELECTRICAL FIRE PROTECTION LATIMER SOMMERS BRINKMANN CONSTRUCTORS CONTRACTOR



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SHEET TITLE

DOOR DETAILS

SHEET NUMBER

A8.06

			ROOM FINISI	H LEGEND		
FLO	OR FINISHES					
KEY	MATERIAL	MFR	PATTERN/STYLE	FINISH/COLOR	SIZE	REMARKS
AF-01	ATHLETIC FLOORING	TARKETT	REPLAY, ROLL	SOLID NIGHT	.375" THICK	
CP-01	CARPET	(TBD, SEE REMARKS)				PUBLIC HALLS / STAIR LANDINGS (\$32/SY)
CP-02	CARPET	(TBD, SEE REMARKS)				LOBBY (\$35/SY)
CP-03	CARPET	(TBD, SEE REMARKS)				CLUBHOUSE / MEETING / DINING (\$32/ SY)
CP-04	CARPET	(TBD, SEE REMARKS)				LEASING / WORK ROOM (\$30/ SY)
CP-05	CARPET	BENTLEY	ROUGH IDEA			WALK-OFF
NF	(NO FINISH)	-	-	-	-	SERVICE ROOMS, FLRS 3-5
RF-01	LVT	(TBD, SEE REMARKS)				UNITS (\$2.50 / SF)
RF-02	RUBBER STAIR TREAD / RISER					
SC-01	SEALED CONCRETE					
TL-01	TILE	(TBD, SEE REMARKS)				PUBLIC RESTROOMS (\$5.50 / SF)
TL-02	TILE	(TBD, SEE REMARKS)				UNIT BATHROOMS (\$5 / SF)
TL-03	TILE	(TBD, SEE REMARKS)				LOBBY, TENANT LOBBY / PACKAGE / CLUBHOUSE / DINING (\$5.50 / SF)

UNITS, PUBLIC HALLS

NOTE: ALL COSTS NOTED ARE MATERIAL COST TO CONTRACTOR ONLY, LABOR AND INSTALL MATERIALS NOT INCLUDED

BAS	E FINISHES					
KEY	MATERIAL	MFR	PATTERN/STYLE	FINISH/COLOR	SIZE	REMARKS
RB-01	RUBBER BASE				4"	GENERAL RUBBER WALL BASE

KEY	MATERIAL	MFR	PATTERN/STYLE	FINISH/COLOR	SIZE	REMARKS
AL-01	ALUMINUM STOREFRONT					REFERENCE ELEVATIONS AND DETAILS
EP-01	EPOXY PAINT					
RP-01	FRP					
GL-01	GLASS	BENDHEIM	VINTAGE GLASS	'CLASSIC' ANTIQUE MIRROR		LOBBY
GL-02	GLASS	(TBD, SEE REMARKS)				WALL AT ENTRY (\$55/SF - GLASS ONLY)
GL-03	GLASS	-	MIRRORED GLASS	-	(SEE ELEV)	POLISHED EDGES
NF	(NO FINISH)					
PT-01	PAINT	SHERWIN WILLIAMS		SW 7005 PURE WHITE		CEILINGS
PT-02	PAINT					UNITS, GENERAL WALL PAINT
PT-XX	PAINT			(TBD)		
TL-11	TILE	(TBD, SEE REMARKS)				PUBLIC RESTROOMS (\$5.50/SF)
TL-12	TILE	(TBD, SEE REMARKS)				UNIT KITCHEN BACKSPLASH (\$4 / SF)
TL-13	TILE	(TBD, SEE REMARKS)				UNIT SHOWERS AND TUBS (\$2 / SF)
TL-14	TILE	(TBD, SEE REMARKS)				PUBLIC RESTROOM ACCENT (\$12 / SF)
TL-15	TILE	(TBD, SEE REMARKS)				PRIVATE DINING (\$18/SF)
ΓL-16	TILE	(TBD, SEE REMARKS)				FITNESS RESTROOMS (\$4 / SF)
VC-01	WALLCOVERING	(TBD, SEE REMARKS)				COFFEE BAR (\$30/YD)
NC-02	WALLCOVERING	(TBD, SEE REMARKS)				TENANT LOBBY / MTG ROOM (\$35/YD)
WC-03	WALLCOVERING	(TBD. SEE REMARKS)				CLUBHOUSE (\$30/YD)

NOTE: ALL COSTS NOTED ARE MATERIAL COST TO CONTRACTOR ONLY, LABOR AND INSTALL MATERIALS NOT INCLUDED

	CEIL	ING FINISHES					
	KEY	MATERIAL	MFR	PATTERN/STYLE	FINISH/COLOR	SIZE	REMARKS
	AC-01	ACOUSTICAL CEILING	ARMSTRONG			2 X 6	9/16" BOLT-SLOT GRID
	AC-02	ACOUSTICAL CEILING	ARMSTRONG			2 X 2	
ı	GB-01	GYPSUM BOARD	-	-	PT-01	-	PAINTED
	GB-02	GYPSUM BOARD	-	-	PT-XX	(ACCENT)	

CASEWORK FINISHES

WB-01 WOOD BASE

KEY	MATERIAL	MFR	PATTERN/STYLE	FINISH/COLOR	SIZE	REMARKS
PL-01	PLASTIC LAMINATE	WILSONART	ACORN VELVET ELM	TRACELESS		PUBLIC RESTROOMS
PL-02	PLASTIC LAMINATE	WILSONART				WORK ROOM
PL-03	PLASTIC LAMINATE	WILSONART		TRACELESS		CLUBHOUSE (INSIDE BAR)
QZ-01	QUARTZ	WILSONART	ENCHANTED ROCK	-	-	PUBLIC RESTROOMS
QZ-02	QUARTZ	WILSONART	LORRAINE	-	-	UNITS
QZ-03	QUARTZ	CAMBRIA	BRITTANICCA	-	-	LOBBY
QZ-04	QUARTZ	CAMBRIA	CHARLESTOWN	(TBD)	-	CLUBHOUSE
TF-01	TFL	BASIS OF DESIGN: STEVENSWOOD	SHAKER-STYLE DOOR	ASHLAND COLLECTION	-	UNITS
WD-01	WOOD VENEER	M. BOHLKE OR EQUAL		WALNUT VENEER	-	LOBBY
WD-02	SOLID WOOD PANEL	SURFACING SOLUTION	SOLID WOOD TAMBOUR	WALNUT	-	LOBBY / CLUBHOUSE / TENANT LOBBY

MISCELLANEOUS FINISHES

KEY	MATERIAL	MFR	PATTERN/STYLE	FINISH/COLOR	SIZE	REMARKS
CG-01	CORNER GUARD					
DR-01	DRAPERY	TBD				150% FULLNESS (\$125/YD)
EL-01	ELEVATOR CAB	BASIS OF DESIGN: KONE	-	-	-	(SEE BELOW)
MT-01	BLACKENED STEEL PANELS		-	-	-	(SEE BELOW)
UP-01	UPHOLSTERY	TBD				(\$50/SY)
WS-01	ROLLER SHADE	MECHO SHADE	MECHO/5 MANUAL SYSTEM	SHADE CLOTH: SOHO 1600 SERIES (3% OPEN), COLOR TBD		SEE GENERAL FINISH NOTE 19 FOR LOCATIONS
WS-02	HORIZONTAL BLINDS	TBD	2" FAUX WOOD	TBD FROM FULL RANGE	2"	SEE GENERAL FINISH NOTE 20 FOR LOCATIONS

EL-01: VERTICAL PANEL ORIENTATION.. BACK WALL - COLORED GLASS, SIBERIAN GLAZE; FRONT & SIDE WALLS - TRACELESS LAMINATE, CHARCOAL VELVET; CEILING - CL88 ROUND LED SPOTLIGHTS, BRUSHED STAINLESS STEEL

MT-01: FABRICATOR TO USE A36 MILLED STEEL SHEETS WITH MILL SCALE IN TACT. CARE MUST BE GIVEN TO MINIMIZE SCRATCHING FROM HANDLING. SURFACES THAT ARE MORE THAN 10% ABRADED WILL NOT BE ACCEPTABLE. DENTS OR DEEP GOUGES ARE NOT ACCEPTABLE. FINAL SURFACE FINISH WILL INCLUDE COMPLETE CLEANING, ALL SCRATCHES AND ABRASIONS WILL RECEIVE A BLACK OXIDE (PATINA) FINISH FOLLOWED BY A CLEAR LACQUER COATING OF A SUITABLE LACQUER WHICH IS COMPATIBLE WITH PATINA AND DTM APPLICATIONS. LACQUER SHALL BE APPLIED TO COATING MFRS. RECOMMENDED DFT. PROVIDE 12" X 12" MOCK-UP PANEL.

NOTE: ALL COST NOTED ARE MATERIAL COST TO CONTRACTOR ONLY, LABOR AND INSTALL MATERIALS NOT INCLUDED

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. ALL FLOOR FINISHES TRANSITIONING AT DOORWAYS SHALL BE CENTERED ON THE CLOSED DOOR, UNLESS NOTED OTHERWISE.
- 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
- 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. UNFINISHED EXPOSED TILE EDGES TO RECEIVE STAINLESS STEEL TRIM EQUAL TO SCHLUTER QUADEC/-K, FINISH EB, U.N.O
- 14. PAINT ALL HOLLOW METAL DOORS AND FRAMES W/ 2 COATS OF SEMI-GLOSS, ACRYLIC LATEX PAINT TO MATCH ADJACENT WALL, U.N.O.
- 15. DOOR FRAME FINISH TRANSITIONS SHALL BE AT THE INSIDE CORNER OF THE STOP ON THE DOOR SIDE.
- 16. DUAL FINISH DOORS SHALL HAVE MATCHING FRONT FACE AND STRIKE EDGE AND MATCHING BACK FACE AND HINGE EDGE.
- 17. REFER TO FLOOR TRANSITION DETAILS WHERE DISSIMILAR FLOOR MATERIALS MEET.
- 18. ALL GYPSUM BOARD WALLS, SOFFITS AND CEILINGS PERPENDICULAR TO EXTERIOR WALL WITH WINDOWS TO RECEIVE PAINT ARE TO HAVE A LEVEL 5 DRYWALL FINISH.
- 19. CONTRACTOR TO PROVIDE AND INSTALL ROLLER SHADES (WS-01) AT ALL EXTERIOR WINDOWS IN PUBLIC, COMMON AREAS, AND OFFICES.
- 20. CONTRACTOR TO PROVIDE AND INSTALL HORIZONTAL BLINDS (WS-02) AT EXTERIOR WINDOWS AND BALCONY DOORS IN ALL APARTMENTS.

SCHEDULE REMARKS

(1) TL-13 AT SHOWER/TUB WALLS

(2) TL-12 AT KITCHEN BACKSPLASH

- (3) RF-02 AT TREADS / RISERS, CP-01 AT LANDINGS
- (4) IN ADDITION TO ROLLER SHADES, PROVIDE DRAPERY (DR-01) AT ALL EXTERIOR GLASS
- (5) IN ADDITON TO ROLLER SHADES, PROVIDE DRAPERY (DR-01) AT INTERIOR STOREFRONT (6) PROVIDE MIRROR FROM 30" A.F.F. TO 78" A.F.F., EPOXY PAINT ABOVE AND BELOW.

			RO	OM FIN	NISH SO	CHEDU	ILE BU	ILDIN	IG A		
F	ROOM				WA	LLS			CASEWORK	CASEWORK	
NO.	NAME	FLOOR	BASE	N	E	S	W	CEILING	TOP	BASE	REMAR
A101	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
A102	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
A110	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
A201	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
A202	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
A203	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
A210	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
A301	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
A302	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
A303	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
A310	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
A401	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
A402	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
A403	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
A410	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	(3)

F	ROOM				W	ALLS			CASEWORK	CASEWORK	
NO.	NAME	FLOOR	BASE	N	E	S	W	CEILING	TOP	BASE	REMARKS
B101	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B102	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B103	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B104	IT	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
B105	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B106	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
B110	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
B110A	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
B120	FITNESS	AF-01	RB-	EP-01 / GL-03	EP-01	EP-01	EP-01	GB-01	QZ-01	PL-01	(6)
B121	YOGA	AF-01	RB-	EP-01	EP-01	EP-01 / GL-03	EP-01	GB-01	-	-	(6)
B122	RESTROOM	TL-01	-	TL-16	TL-16	TL-16	TL-16	GB-01	-	-	
B123	RESTROOM	TL-01	-	TL-16	TL-16	TL-16	TL-16	GB-01	-	-	
B201	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B202	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B203	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B204	IT	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
B205	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B206	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
B207	STORAGE	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B210	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
B301	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B302	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B303	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B304	IT	NF	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
B305	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B306	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
B307	STORAGE	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B310	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
B401	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B402	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B403	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B404	IT	NF	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
B405	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	_	_	
B406	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
B407	STORAGE	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
B410	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
B501	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
B507	STORAGE	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	GB-01	-	-	
B510	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01		-	

			ROC	OM FIN	IISH SC	CHEDU	LE BU	ILDIN	GC		
F	ROOM				WA	ALLS			CASEWORK	CASEWORK	REMARKS
NO.	NAME	FLOOR	BASE	N	E	S	W	CEILING	TOP	BASE	
C101	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
C102	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
C102A	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
C103	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
C110	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
C111	STORAGE	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	GB-01	-	-	
C201	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
C202	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
C203	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	•	-	
C210	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
C301	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	•	-	
C302	HALL	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
C303	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
C310	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
C401	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
C402	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
C403	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
C410	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
E-C	ELEV C	TL-03	-	EL-01	EL-01	EL-01	EL-01	EL-01	•	-	

ı	ROOM				WA	ALLS			CASEWORK	CASEWORK	
NO.	NAME	FLOOR	BASE	N	E	S	W	CEILING	TOP	BASE	REMARK
D100	VESTIBULE	CP-05	-	PT-	PT-	PT-	PT-	GB-01	-	-	
D101	LOBBY	TL-03 / CP-02	TL-03						QZ-03	WD-02	(4)
D103	VESTIBULE	CP-05	-	PT-	PT-	PT-	PT-	GB-01	-	-	
D104	LEASING LOBBY	TL-03	TL-03	PT-	WC-01	PT-	PT-	GB-01	QZ-04	WD-01	
D105	OFFICE	CP-04	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
D106	OFFICE	CP-04	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
D107	OFFICE	CP-04	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
D108	WORK ROOM	CP-04	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	QZ-02	PL-02	
D109	ELEC.	NF	RB-01	PT-02	PT-02	PT-02	PT-02	NF		-	
D110	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
D111	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	NF	-	-	
D112	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	_	_	
D113	MEN	TL-01	TL-01	TL-11	TL-11	TL-11	TL-11 / TL-14	GB-01	QZ-01	PL-01	
D114	WOMEN	TL-01	TL-01	TL-11	TL-11	TL-11	TL-11 / TL-14	GB-01	QZ-01	PL-01	
D115	JAN.	SC-01	RB-01	FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	NF	-	-	
D116	MECH	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	GB-01	_	_	
D117	WATER SERVICE	SC-01	-	NF	NF	NF	NF	NF	-	-	
D118	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	_	-	
D119	MEETING	CP-03	WB-01	WC-02	WC-02	WC-02	WC-02	GB-01	-	-	(5)
D201	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	_	_	
D202	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
D203	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	_	
D204	MECH/IT	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
D205	PRIVATE DINING	TL-03 / CP-03	TL-03	PT-XX	TL-15 / PT-XX	PT-XX	PT-XX	PT-XX	QZ-04	WD-01 / WD-02	(4)
D206	RESTROOM	TL-03	TL-03	WC-01	WC-01	WC-01	WC-01	GB-01	QZ-01	PL-	
D207	CLUBHOUSE	TL-03 / CP-03	TL-03	PT-XX	PT-XX	WC-03	PT-XX	GB-02	QZ-04	WD-02 / PL-03	(4)
D208	RESTROOM	TL-03	TL-03	WC-01	WC-01	WC-01	WC-01	GB-01	QZ-01	PL-	(-)
D209	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01		-	
D210	STAIR	33 01	112 01	1 1 02	1 1 02	1102	1 1 02	02 01			
D210	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	_	_	
D301	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	_	-	
D302	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
D303	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
D304	MECH/IT	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	_	-	
D310	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	_	_	
D401	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
D401	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	_	-	
D402	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
D403	MECH/IT	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
D410	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-		
D501	HALL	CP-01/RF-02	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
D501	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
D502	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
									-	-	
D504	MECH/IT	NF DE 01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
D505	STORAGE	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	GB-01	-	-	
D510	STAIR ELEV D	CP-01/RF-02 TL-03	RB-	PT- EL-01	PT- EL-01	PT- EL-01	PT- EL-01	GB-01 EL-01	-	-	

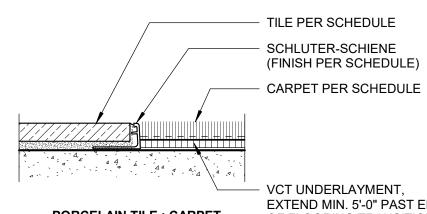
ROOM FINISH SCHEDULE BUILDING E											
ROOM				WALLS					CASEWORK	CASEWORK	REMARK
NO.	NAME	FLOOR	BASE	N	Е	S	W	CEILING	TOP	BASE	S
E100	VESTIBULE	CP-05	-	PT-	PT-	PT-	PT-	GB-01	-	-	
E101	TENANT LOBBY	TL-03	TL-03	WC-02	WC-02	WC-02	WC-02	GB-01	QZ-03	WD-02	
E102	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
E103	MAIL	TL-03	TL-03	WC-02	WC-02	WC-02	WC-02	GB-01 /AC-01	QZ-03	WD-01	
E104	PACKAGES	TL-03	TL-03	EP-01	EP-01	EP-01	EP-01	GB-01	-	-	
E105	MOVE-IN	SC-01	-	EP-01	EP-01	EP-01	EP-01	NF	-	-	
E106	WATER SERVICE	SC-01	-	NF	NF	NF	NF	NF	-	-	
E110	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
E201	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E202	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E203	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E204	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
E205	TRASH	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	NF	-	-	
E206	TRASH	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	NF	-	-	
E207	UTILITY			FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	GB-01	-	-	
E210	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
E301	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E302	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E303	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E304	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
E305	TRASH	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	NF	-	-	
E306	TRASH	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	NF	-	-	
E307	UTILITY			FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	GB-01	-	-	
E310	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
E401	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E402	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E403	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E404	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
E405	TRASH	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	NF	-	-	
E406	TRASH	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	NF	-	-	
E407	UTILITY			FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	GB-01	-	-	
E410	STAIR	CP-01/RF-01	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	
E501	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E502	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E503	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-	
E504	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
E505	TRASH	RF-01	RB-01	EP-01	EP-01	EP-01	EP-01	NF	-	-	
E507	UTILITY			FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	FRP-01 / EP-01	GB-01	-	-	
E510	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-	

	ROOM FINISH SCHEDULE BUILDING F												
	ROOM WALLS CASEWORK CASEWORK												
NO.	NAME	FLOOR	BASE	N	E	S	W	CEILING		BASE	REMARKS		
F110	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-			
F201	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-			
F202	MECH	SC-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-			
F210	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-			
F301	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-			
F302	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-			
F310	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-			
F401	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-			
F402	MECH	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-			
F410	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-			
F501	HALL	CP-01/RF-01	WB-01	PT-	PT-	PT-	PT-	GB-01	-	-			
F502	MECH.	NF	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-			
F510	STAIR	CP-01/RF-02	RB-	PT-	PT-	PT-	PT-	GB-01	-	-			

	ROOM FINISH SCHEDULE												
F	ROOM			WALLS					CASEWORK	CASEWORK			
NO.	NAME	FLOOR	BASE	N	E	S	W	CEILING	TOP	BASE	REMARKS		
150	RECYCLING												
151	RETAIL TRASH												
152	TRASH	NF	-	EP-01	EP-01	EP-01	EP-01	NF	-	-			
153	TRASH	NF	-	NF	NF	NF	NF	NF	-	-			
154	TRASH	NF	-	NF	NF	NF	NF	NF	-	-			
155	TRASH	NF	-	EP-01	EP-01	EP-01	EP-01	NF	-	-			
160	WATER SERVICE	SC-01	-	NF	NF	NF	NF	NF	-	-			

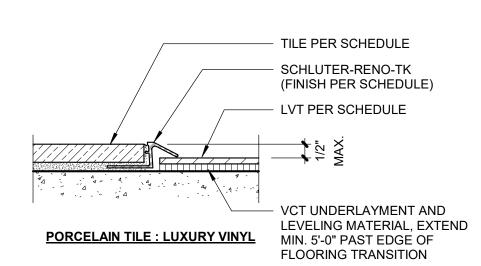
FLOORING TRANSITION DETAILS

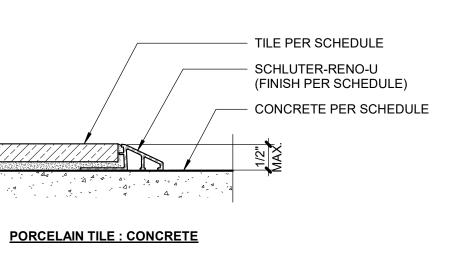
ALL TRANSITIONS ARE TO BE ADA COMPLIANT, 1/2" MAXIMUM CHANGE IN ELEVATION

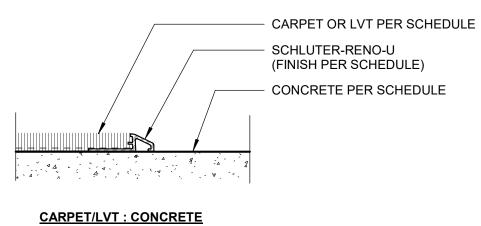


PORCELAIN TILE : CARPET

EXTEND MIN. 5'-0" PAST EDGE
OF FLOORING TRANSITION







SHEET NUMBER



PARAGON STAR NORTH VILLAGE

3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08 Issued For: FOR CONSTRUCTION

REVISIONS



ARCHITECT FINKLE+WILLIAMS ARCHITECTURE CIVIL **GBA ENGINEERS** LANDSCAPE LAND 3 STRUCTURAL BOB D. CAMPBELL PLUMBING LATIMER SOMMERS

PROJECT TEAM

FIRE PROTECTION LATIMER SOMMERS BRINKMANN CONSTRUCTORS

MECHANICAL

ELECTRICAL

CONTRACTOR

LATIMER SOMMERS

LATIMER SOMMERS

FINKLE + WILLIAMS

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

ARCHITECTURE

SHEET TITLE

FINISH SCHEDULE AND **DETAILS**

		ROOM FINISH SCHEDULE UNITS WALLS MILLWORK MILLWORK									
NO.	ROOM NAME	FLOOR	BASE	N	E	S	W	CEILING	MILLWORK TOP	BASE	REMARK
A1-1 A1-2 A1-5	LIVING/KITCHEN BATH LAUNDRY	RF-01 TL-02 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02/TL-13 PT-02	PT-02 PT-02/TL-13 PT-02	PT-02 PT-02 PT-02	PT-02/TL-12 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02 -	TF-01 TF-01	(2)
A1-6 A1A-1	UTILTY LIVING/KITCHEN	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02/TL-12	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	QZ-02	- TF-01	(2)
A1A-2 A1A-4 A1A-5	BATH CLOSET LAUNDRY	TL-02 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02/TL-13 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	GB-01 GB-01 GB-01	QZ-02 - -	TF-01 -	(1)
A1A-6 A2-1	UTILITY LIVING/KITCHEN	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02/TL-12	GB-01 GB-01	- QZ-02	- TF-01	(2)
A2-2 A2-5 A2-6	BATH LAUNDRY UTILITY	TL-02 RF-01 RF-01	WB-01 WB-01 RB-01	PT-02/TL-13 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	GB-01 GB-01 GB-01	QZ-02 - -	TF-01 -	(1)
A3-1 A3-2	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02/TL-12 PT-02	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
A3-4 A3-5 A3-6	CLOSET LAUNDRY UTILITY	RF-01 RF-01 RF-01	WB-01 WB-01 RB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	- - -	-	
A4-1 A4-2	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02 PT-02	PT-02/TL-12 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01	(2)
A4-5 A4-6 A5-1	LAUNDRY UTILITY LIVING/KITCHEN	RF-01 RF-01 RF-01	WB-01 RB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	- - QZ-02	- - TF-01	(2)
A5-1 A5-2 A5-5	BATH LAUNDRY	TL-02 RF-01	WB-01 WB-01	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	PT-02 PT-02 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 QZ-02	TF-01	(2)
A5-6 A211	UTILITY BATH	RF-01 TL-02	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	GB-01 GB-01	- QZ-02	- TF-01	(1)
A213 B1-1 B1-2	CLOSET LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02 PT-02	PT-02 PT-02/TL-12 PT-02/TL-13	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01	(2)
B1-4 B1-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
B1-6 B2-1 B2-2	UTILITY LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02 PT-02	PT-02 PT-02/TL-12 PT-02/TL-13	GB-01 GB-01 GB-01	QZ-02 QZ-02	- TF-01 TF-01	(2)
B2-4 B2-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	(1)
B2-6 B3-1 B3-2	UTLITY LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02/TL-12 PT-02/TL-13	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02/TL-13	GB-01 GB-01 GB-01	- QZ-02 QZ-02	- TF-01	(2)
B3-4 B3-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01	-	-	(1)
B3-6 B3-7	UTILITY CLOSET	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
B124 C1-1 C1-2	UTILITY LIVING/KITCHEN BATH	SC-01 RF-01 TL-02	RB- WB-01 WB-01	PT-02 PT-02/TL-12 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02 PT-02	PT-02 PT-02/TL-12 PT-02/TL-13	GB-01 GB-01 GB-01	- QZ-02 QZ-02	- TF-01 TF-01	(2)
C1-3 C1-4	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C1-5 C1-6 C1-7	LAUNDRY UTILITY CLOSET	RF-01 RF-01 RF-01	WB-01 RB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C1B-1 C1B-2	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02/TL-12 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13	PT-02 PT-02	PT-02 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01	(2)
C1B-3 C1B-4 C1B-5	BEDROOM CLOSET LAUNDRY	RF-01 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C1B-6	UTILITY CLOSET	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C1S-2	LIVING/KITCHEN BATH BEDROOM	RF-01 TL-02	WB-01	PT-02/TL-12 PT-02/TL-13	PT-02 PT-02/TL-13 PT-02	PT-02 PT-02 PT-02	PT-02/TL-12 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
C1S-4	CLOSET LAUNDRY	RF-01 RF-01 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01	-	-	
C1S-7	UTILITY CLOSET	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	(0)
C1SB-2	BATH BEDROOM	RF-01 TL-02 RF-01	WB-01 WB-01 WB-01	PT-02/TL-12 PT-02/TL-13 PT-02	PT-02 PT-02/TL-13 PT-02	PT-02 PT-02 PT-02	PT-02/TL-12 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01	(2)
C1SB-4 C1SB-5	CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
	UTILITY CLOSET LIVING/KITCHEN	RF-01 RF-01 RF-01	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02/TL-12	GB-01 GB-01 GB-01	- - QZ-02	- - TF-01	(2)
C2-2 C2-3	BATH BEDROOM	TL-02 RF-01	WB-01 WB-01	PT-02/TL-13 PT-02	PT-02 PT-02	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 QZ-02 -	TF-01	(1)
C2-4 C2-5 C2-6	CLOSET LAUNDRY UTILITY	RF-01 RF-01 RF-01	WB-01 WB-01 RB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C2-7 C2S-1	CLOSET LIVING/KITCHEN	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02/TL-12	GB-01 GB-01	- QZ-02	- TF-01	(2)
	BATH BEDROOM	TL-02 RF-01	WB-01 WB-01	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	PT-02 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 -	TF-01	(1)
C2S-4 C2S-5 C2S-6	CLOSET LAUNDRY UTILITY	RF-01 RF-01 RF-01	WB-01 WB-01 RB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C2S-7 C3-1	CLOSET LIVING/KITCHEN	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02/TL-12	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02/TL-12	GB-01 GB-01	- QZ-02	- TF-01	(2)
C3-2 C3-3 C3-4	BATH BEDROOM CLOSET	TL-02 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02/TL-13 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	GB-01 GB-01 GB-01	QZ-02 -	TF-01 -	(1)
C3-5 C3-6	LAUNDRY UTILITY	RF-01 RF-01	WB-01 RB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C3-7 C4-1 C4-2	CLOSET LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	WB-01 WB-01	PT-02 PT-02/TL-12 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02 PT-02	PT-02 PT-02/TL-12 PT-02/TL-13	GB-01 GB-01 GB-01	- QZ-02 QZ-02	TF-01	(2)
	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	(1)
C4-5 C4-6 C4-7	LAUNDRY UTILITY CLOSET	RF-01 RF-01 RF-01	WB-01 RB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C4-7 C5-1 C5-2	LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	WB-01 WB-01 WB-01	PT-02 PT-02	PT-02 PT-02/TL-12 PT-02/TL-13	PT-02 PT-02/TL-12 PT-02/TL-13	PT-02 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01	(2)
C5-3 C5-4	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C5-5 C5-6 C5-7	LAUNDRY UTILITY CLOSET	RF-01 RF-01 RF-01	WB-01 RB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C6-1 C6-2	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02/TL-12 PT-02/TL-13	PT-02 PT-02	PT-02 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
C6-3 C6-4 C6-5	BEDROOM CLOSET LAUNDRY	RF-01 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C6-6 C6-7	UTILITY CLOSET	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C7-1 C7-2 C7-3	LIVING/KITCHEN BATH BEDROOM	RF-01 TL-02 RF-01	WB-01 WB-01	PT-02/TL-12 PT-02 PT-02	PT-02 PT-02/TL-13 PT-02	PT-02 PT-02/TL-13 PT-02	PT-02/TL-12 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
C7-4 C7-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C7-6 C7-7 C7A-1	UTILITY CLOSET LIVING/KITCHEN	RF-01 RF-01 RF-01	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02/TL-12	GB-01 GB-01 GB-01	- - QZ-02	- - TF-01	(2)
	BATH BEDROOM	TL-02 RF-01	WB-01 WB-01	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	PT-02 PT-02	GB-01 GB-01	QZ-02 QZ-02 -	TF-01	(1)
C7A-4 C7A-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C7A-6 C8-1 C8-2	UTILITY LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02	PT-02 PT-02/TL-12 PT-02/TL-12	PT-02 PT-02/TL-12 PT-02/TL-12	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01	(2)
C8-3 C8-4	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	,
C8-5 C8-6 C8-7	LAUNDRY UTILITY CLOSET	RF-01 RF-01 RF-01	WB-01 RB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C9-1 C9-2	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02 PT-02/TL-13	PT-02/TL-12 PT-02	PT-02/TL-12 PT-02/TL-13	PT-02 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
C9-3 C9-4 C9-5	BEDROOM CLOSET LAUNDRY	RF-01 RF-01 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
C9-6 C9-7	UTILITY CLOSET	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C10-1 C10-2 C10-3	LIVING/KITCHEN BATH BEDROOM	RF-01 TL-02 RF-01	WB-01 WB-01	PT-02/TL-12 PT-02/TL-13 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02/TL-13 PT-02	PT-02/TL-12 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
C10-4 C10-5	CLOSET	RF-01 RF-01 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C10-6 C10-7	UTILITY CLOSET	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01		- - TE 04	(0)
C11-1	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13	PT-02/TL-12 PT-02	PT-02 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2) (1)

	ROOM			ROOM		LLS	JULE		MILL WORK	MILLWORK	•
NO .	NAME CLOSET	FLOOR	BASE WB-01	N PT-02	E PT-02	S PT-02	W PT-02	CEILING GB-01	TOP	BASE	REMAR
C11-5 C11-6	LAUNDRY UTILITY	RF-01 RF-01	WB-01 RB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
C11-7 C12-1 C12-2	CLOSET LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	WB-01 WB-01 WB-01	PT-02 PT-02/TL-12 PT-02/TL-13	PT-02 PT-02 PT-02	PT-02 PT-02/TL-12 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	GB-01 GB-01 GB-01	QZ-02 QZ-02	- TF-01	(2)
212-3 212-4	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	(1)
12-5 12-6 12-7	LAUNDRY UTILITY CLOSET	RF-01 RF-01 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	- -	-	
213-1	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02/TL-12 PT-02	PT-02 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
13-3	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
13-5 13-6 13-7	LAUNDRY UTILITY CLOSET	RF-01 RF-01 RF-01	WB-01 RB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
01-1 01-2a	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02/TL-12 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02 PT-02	PT-02/TL-12 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
1-2b 1-3a 1-3b	BATH BEDROOM BEDROOM	TL-02 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02/TL-13 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	QZ-02 - -	TF-01 -	(1)
1-4a 1-4b 1-4c	CLOSET CLOSET CLOSET	RF-01 RF-01 TL-02	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
)1-40)1-5)1-6	LAUNDRY UTILITY	RF-01 RF-01	WB-01 WB-01 RB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01	-	-	
01-7 02-1 2-2a	CLOSET LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02/TL-12 PT-02	GB-01 GB-01 GB-01	- QZ-02 QZ-02	- TF-01 TF-01	(2)
2-2a 2-2b 2-3a	BATH BEDROOM	TL-02 TL-02 RF-01	WB-01 WB-01	PT-02/TL-13 PT-02/TL-13 PT-02	PT-02 PT-02	PT-02/TL-13 PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 QZ-02	TF-01	(1)
2-3b 2-4a 2-4b	BEDROOM CLOSET CLOSET	RF-01 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
2-40 2-4c 02-5	CLOSET CLOSET LAUNDRY	TL-02 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01	-	-	
02-6 02-7 03-1	UTILITY CLOSET LIVING/KITCHEN	RF-01 RF-01 RF-01	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02/TL-12	GB-01 GB-01 GB-01	- - QZ-02	- - TF-01	(2)
3-2a 3-2b	BATH BATH	TL-02	WB-01 WB-01	PT-02 PT-02 PT-02/TL-13	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02 QZ-02	TF-01 TF-01	(2) (1) (1)
3-3a 3-3b 3-4a	BEDROOM BEDROOM CLOSET	RF-01 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
3-4b 3-5	CLOSET LAUNDRY	TL-02 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	- - -	-	
)3-6)3-7)4-1	UTILITY CLOSET LIVING/KITCHEN	RF-01 RF-01 RF-01	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	- - QZ-02	- - TF-01	(2)
4-2a 4-2b	BATH BATH	TL-02 TL-02	WB-01 WB-01	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13 PT-02	PT-02 PT-02/TL-13	PT-02/TL-13 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02 QZ-02	TF-01 TF-01	(2) (1) (1)
4-3a 4-3b 4-4a	BEDROOM BEDROOM CLOSET	RF-01 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
4-4b 04-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01	-	-	
04-6 05-1 5-2a	UTILITY LIVING/KITCHEN BATH	RF-01 RF-01 TL-02	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-13	PT-02 PT-02/TL-12 PT-02	PT-02 PT-02/TL-12 PT-02/TL-13	PT-02 PT-02 PT-02/TL-13	GB-01 GB-01 GB-01	- QZ-02 QZ-02	- TF-01 TF-01	(2)
	BATH BEDROOM	TL-02 TL-02 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 QZ-02	TF-01	(1)
5-3b 5-4a 5-4b	BEDROOM CLOSET CLOSET	RF-01 TL-02 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
)5-5)5-6	LAUNDRY UTILITY	RF-01 RF-01	WB-01 RB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-		
06-1 6-2a 6-2b	LIVING/KITCHEN BATH BATH	RF-01 TL-02 TL-02	WB-01 WB-01 WB-01	PT-02 PT-02/TL-13 PT-02/TL-13	PT-02/TL-12 PT-02 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13 PT-02/TL-13	PT-02 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02 QZ-02	TF-01 TF-01 TF-01	(2) (1) (1)
6-3a 6-3b	BEDROOM BEDROOM	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	- -	-	
6-4a 6-4b 06-5	CLOSET CLOSET LAUNDRY	TL-02 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
06-6 6A-1	UTILITY LIVING/KITCHEN	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02/TL-12	PT-02 PT-02/TL-12	PT-02 PT-02	GB-01 GB-01	- QZ-02	- TF-01	(2)
A-2a A-2b A-3a	BATH	RF-01 TL-02 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02/TL-13 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(1)
6A-3b 6A-4a	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
A-4b 6A-5 6A-6	CLOSET LAUNDRY UTILITY	TL-02 RF-01 RF-01	WB-01 WB-01 RB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
7-1 7-2a	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13	PT-02 PT-02	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2) (1)
7-2b 7-3a 7-3b	BATH BEDROOM BEDROOM	TL-02 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02/TL-13 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	GB-01 GB-01 GB-01	QZ-02 -	TF-01	(1)
7-4a 7-4b	CLOSET CLOSET	TL-02 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
)7-5)7-6)8-1	LAUNDRY UTILITY LIVING/KITCHEN	RF-01 RF-01 RF-01	WB-01 RB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02/TL-12	GB-01 GB-01 GB-01	- - QZ-02	- - TF-01	(2)
3-2A 3-2B	BATH BATH	TL-02 TL-02	WB-01 WB-01	PT-02/TL-13 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(1) (1)
3-3A 3-3B 3-4A	BEDROOM BEDROOM CLOSET	RF-01 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
3-4B 98-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
8-6 8-7 9-1	UTILITY CLOSET LIVING/KITCHEN	RF-01 RF-01 RF-01	RB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	- - QZ-02	- - TF-01	(2)
9-2a 9-2b	BATH BATH BEDROOM	TL-02 TL-02	WB-01 WB-01 WB-01	PT-02 PT-02/TL-13	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(1)
9-3a 9-3b 9-4a	BEDROOM CLOSET	RF-01 RF-01 TL-02	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	- - -	-	
9-4b 9-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
9-6 9-7 10-1	UTILITY CLOSET LIVING/KITCHEN	TL-02 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02/TL-12	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	- - QZ-02	- - TF-01	(2)
0-2A 0-2B 0-3A	BATH	TL-02 TL-02 RF-01	WB-01 WB-01 WB-01	PT-02/TL-13 PT-02/TL-13 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02 PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(1)
0-3B 0-4A	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
0-4B 10-5 10-6	CLOSET LAUNDRY UTILITY	RF-01 RF-01 RF-01	WB-01 WB-01 RB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	- - -	-	
10-7 11-1	CLOSET LIVING/KITCHEN	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02/TL-12	PT-02 PT-02/TL-12	GB-01 GB-01	- - QZ-02	- - TF-01	(2)
1-2A 1-2B 1-3A	BATH	TL-02 TL-02 RF-01	WB-01 WB-01 WB-01	PT-02/TL-13 PT-02 PT-02	PT-02 PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13 PT-02	GB-01 GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(1)
1-3B 1-4A	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
1-4B 11-5 11-6	CLOSET LAUNDRY UTILITY	RF-01 RF-01 RF-01	WB-01 WB-01 RB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
11-7 1-1	CLOSET LIVING/KITCHEN	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02/TL-12	PT-02 PT-02/TL-12	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	- QZ-02	- - TF-01	(2)
1-3a 1-3b	BATH BEDROOM BEDROOM	TL-02 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02/TL-13 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02/TL-13 PT-02 PT-02	GB-01 GB-01 GB-01	QZ-02 -	TF-01 -	(1)
1-4a 1-4b	CLOSET CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
1-5 1-6 1-7	LAUNDRY UTILITY CLOSET	RF-01 RF-01 RF-01	WB-01 RB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
2-1	LIVING/KITCHEN BATH	RF-01 RF-01	WB-01 WB-01	PT-02/TL-12 PT-02/TL-13	PT-02/TL-12 PT-02	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01	(2) (1)
2-3a 2-3b 2-4a	BEDROOM BEDROOM CLOSET	RF-01 RF-01 RF-01	WB-01 WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01 GB-01	-	-	
2-4a 2-4b	CLOSET CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	PT-02 PT-02 PT-02	GB-01 GB-01	-	-	

	ROOM				WA	LLS			MILLWORK M	MII I WORI	<
NO.	NAME	FLOOR	BASE	N	E	S	W	CEILING	TOP	BASE	REMARK
E2-7 E3-1	CLOSET LIVING/KITCHEN	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02/TL-12	PT-02 PT-02/TL-12	GB-01 GB-01	- QZ-02	-	(2)
E3-2 E3-3a	BATH BEDROOM	RF-01 RF-01	WB-01 WB-01	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	PT-02 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 -	TF-01	(1)
E3-4a	CLOSET	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
E3-4b E3-5	CLOSET	RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
E3-6	UTILITY	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
E3-7 E3-8b	CLOSET BEDROOM	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
F1-1	LIVING/KITCHEN	RF-01	WB-01	PT-02	PT-02	PT-02/TL-12	PT-02/TL-12	GB-01	QZ-02	TF-01	(2)
F1-2 F1-3a	BATH BEDROOM	TL-02 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 -	TF-01	(1)
F1-3a F1-4	DEN CLOSET	RF-01 TL-02	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
F1-4a	CLOSET	RF-01	WB-01	PT-02 PT-02	PT-02	PT-02 PT-02	PT-02	GB-01	-	-	
F1-4b F1-5	CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
F1-6	UTILITY	RF-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
F1-7a PH1-1	CLOSET LIVING/KITCHEN	RF-01	WB-01 WB-01	PT-02 PT-02/TL-12	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	- QZ-02	- TF-01	(2)
PH1-2A	BATH	TL-02	WB-01	PT-02	PT-02/TL-13	PT-02/TL-13	PT-02/TL-13	GB-01	QZ-02	TF-01	(1)
PH1-2B PH1-2C		TL-02 TL-02	WB-01 WB-01	PT-02 PT-02	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 QZ-02	TF-01	(1)
PH1-3A		RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH1-3B PH1-4	BEDROOM UTILITY	RF-01 RF-01	WB-01 RB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH1-4A PH1-4B		RF-01 RF-01	WB-01 WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH1-46 PH1-5	LAUNDRY	RF-01	WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH1-6B PH1-7		RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	- QZ-02	- TF-01	
PH1-7C	CLOSET	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH2-1 PH2-2A	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02 PT-02	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2) (1)
PH2-2B	BATH	TL-02	WB-01	PT-02/TL-13	PT-02	PT-02/TL-13	PT-02/TL-13	GB-01	QZ-02	TF-01	(1)
PH2-2C	BATH BEDROOM	TL-02 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	QZ-02 -	TF-01	(1)
PH2-3B	BEDROOM	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH2-4A PH2-4B		RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH2-5	LAUNDRY	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH2-6C PH2-7	UTILITY CLOSET	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH3-1	LIVING/KITCHEN	RF-01	WB-01	PT-02	PT-02	PT-02/TL-12	PT-02	GB-01	QZ-02	TF-01	(2)
PH3-2A PH3-2B	BATH BATH	TL-02 TL-02	WB-01 WB-01	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01	(1)
PH3-2C	BATH	TL-02	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	QZ-02	TF-01	(1)
PH3-3A PH3-3B	BEDROOM BEDROOM	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
	CLOSET	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH3-4B PH3-5	CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH3-6B		RF-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH3-6C PH3-7	UTILITY PANTRY	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	- QZ-02	- TF-01	
PH5-1 PH5-2A	LIVING/KITCHEN	RF-01	WB-01 WB-01	PT-02 PT-02/TL-13	PT-02/TL-12	PT-02/TL-12	PT-02 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
PH5-2B		TL-02 TL-02	WB-01	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13	GB-01	QZ-02 QZ-02	TF-01	(1)
PH5-2C	BATH BEDROOM	TL-02 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	QZ-02	TF-01	(1)
	BEDROOM	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH5-4B	CLOSET	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH5-4C PH5-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH5-6	UTILITY	RF-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH5-7 PH6-1	CLOSET LIVING/KITCHEN	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02/TL-12	PT-02 PT-02/TL-12	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	- QZ-02	- TF-01	(2)
PH6-2A	BATH	TL-02	WB-01	PT-02/TL-13	PT-02/TL-13	PT-02/TL-13	PT-02/TL-13	GB-01	QZ-02	TF-01	(1)
PH6-2B PH6-3A		TL-02 RF-01	WB-01 WB-01	PT-02/TL-13 PT-02	PT-02 PT-02	PT-02/TL-13 PT-02	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 -	TF-01	(1)
PH6-3B	BEDROOM	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH6-4A PH6-4B		RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH6-5	LAUNDRY	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH6-6 PH7-1	UTILITY LIVING/KITCHEN	RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02/TL-12	PT-02 PT-02/TL-12	PT-02 PT-02	GB-01 GB-01	- QZ-02	- TF-01	(2)
PH7-2A	BATH BATH	TL-02 TL-02	WB-01 WB-01	PT-02/TL-13 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02/TL-13 PT-02/TL-13	PT-02/TL-13 PT-02	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(1)
PH7-3A	BEDROOM	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	- QZ-02	1F-U1 -	(1)
PH7-3B PH7-4	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH7-4A	CLOSET	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH7-4B PH7-5	CLOSET LAUNDRY	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH7-6A	UTILITY	RF-01	RB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH7-6B PH7-7B		RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	<u>-</u>	-	
PH7-8	PANTRY	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	QZ-02	TF-01	(0)
PH8-1 PH8-2A	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02 PT-02/TL-13	PT-02 PT-02	PT-02 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01	(2)
PH8-2B	BATH	TL-02	WB-01	PT-02/TL-13	PT-02/TL-13	PT-02	PT-02/TL-13	GB-01	QZ-02	TF-01	(1)
	BEDROOM BEDROOM	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH8-4	CLOSEET	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01			
PH8-4A PH8-4B	CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH8-5	LAUNDRY	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH8-6 PH8-7		RF-01 RF-01	RB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH8-8	OFFICE	RF-01	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	- TE 01	(0)
PH9-1 PH9-2a	LIVING/KITCHEN BATH	RF-01 TL-02	WB-01 WB-01	PT-02/TL-12 PT-02	PT-02 PT-02/TL-13	PT-02 PT-02/TL-13	PT-02/TL-12 PT-02/TL-13	GB-01 GB-01	QZ-02 QZ-02	TF-01 TF-01	(2)
PH9-2b	BATH	TL-02	WB-01	PT-02/TL-13	PT-02	PT-02/TL-13	PT-02/TL-13	GB-01	QZ-02	TF-01	(1)
	BEDROOM CLOSET	RF-01 RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH9-4b	CLOSET	TL-02	WB-01	PT-02	PT-02	PT-02	PT-02	GB-01	-	-	
PH9-5 PH9-6	LAUNDRY UTILITY	RF-01 RF-01	WB-01 RB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	
PH9-7		RF-01	WB-01 WB-01	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	PT-02 PT-02	GB-01 GB-01	-	-	



3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

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PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS



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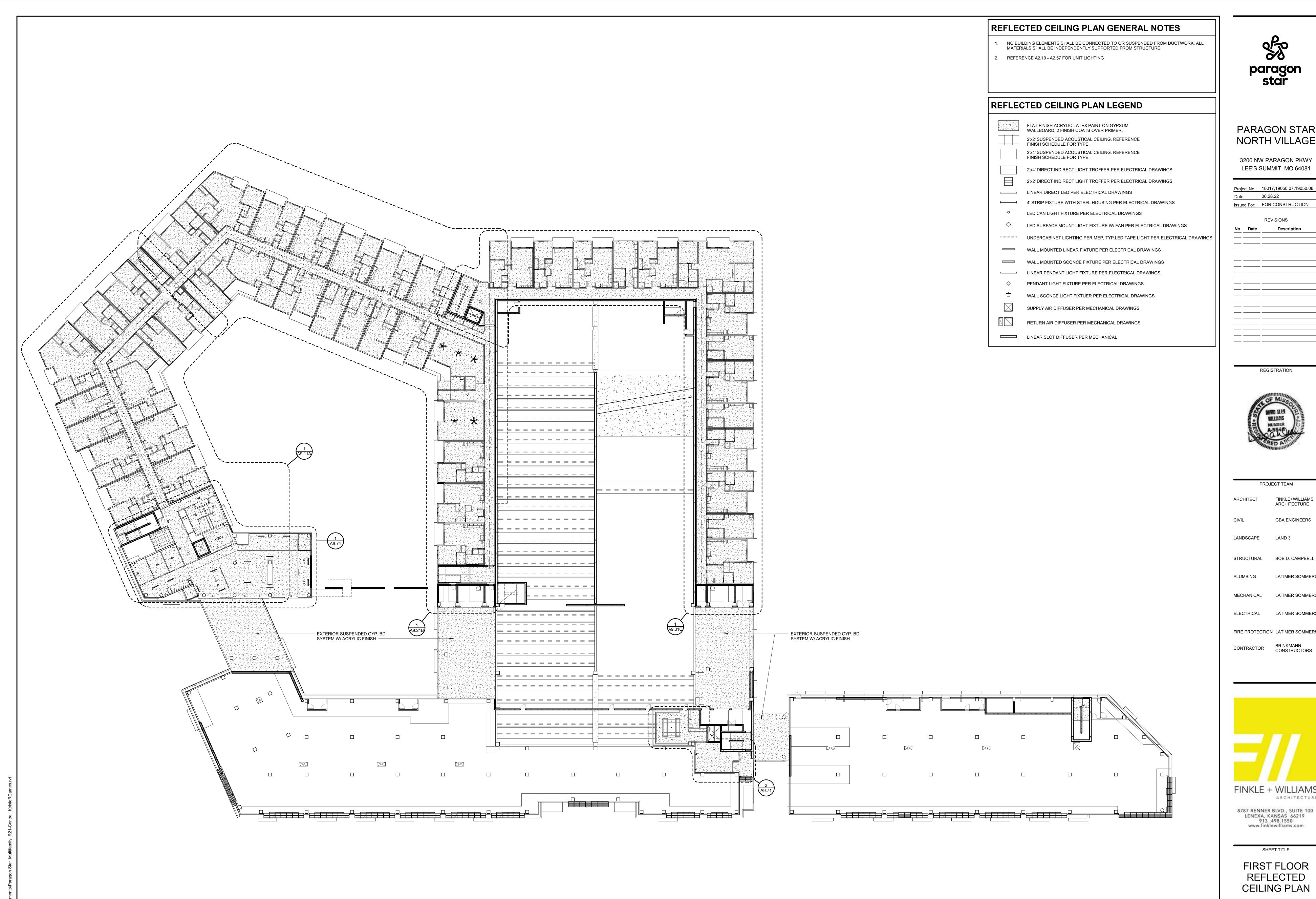
SHEET TITLE

FINISH SCHEDULE -UNITS

SHEET NUMBER

REFER TO SHEET A8.10 FOR FINISH LEGEND, NOTES AND REMARKS

A8.11



FIRST FLOOR RCP

A9.01 SCALE: 1" = 20'-0"



PARAGON STAR NORTH VILLAGE

3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08 Date: 06.28.22 Issued For: FOR CONSTRUCTION REVISIONS

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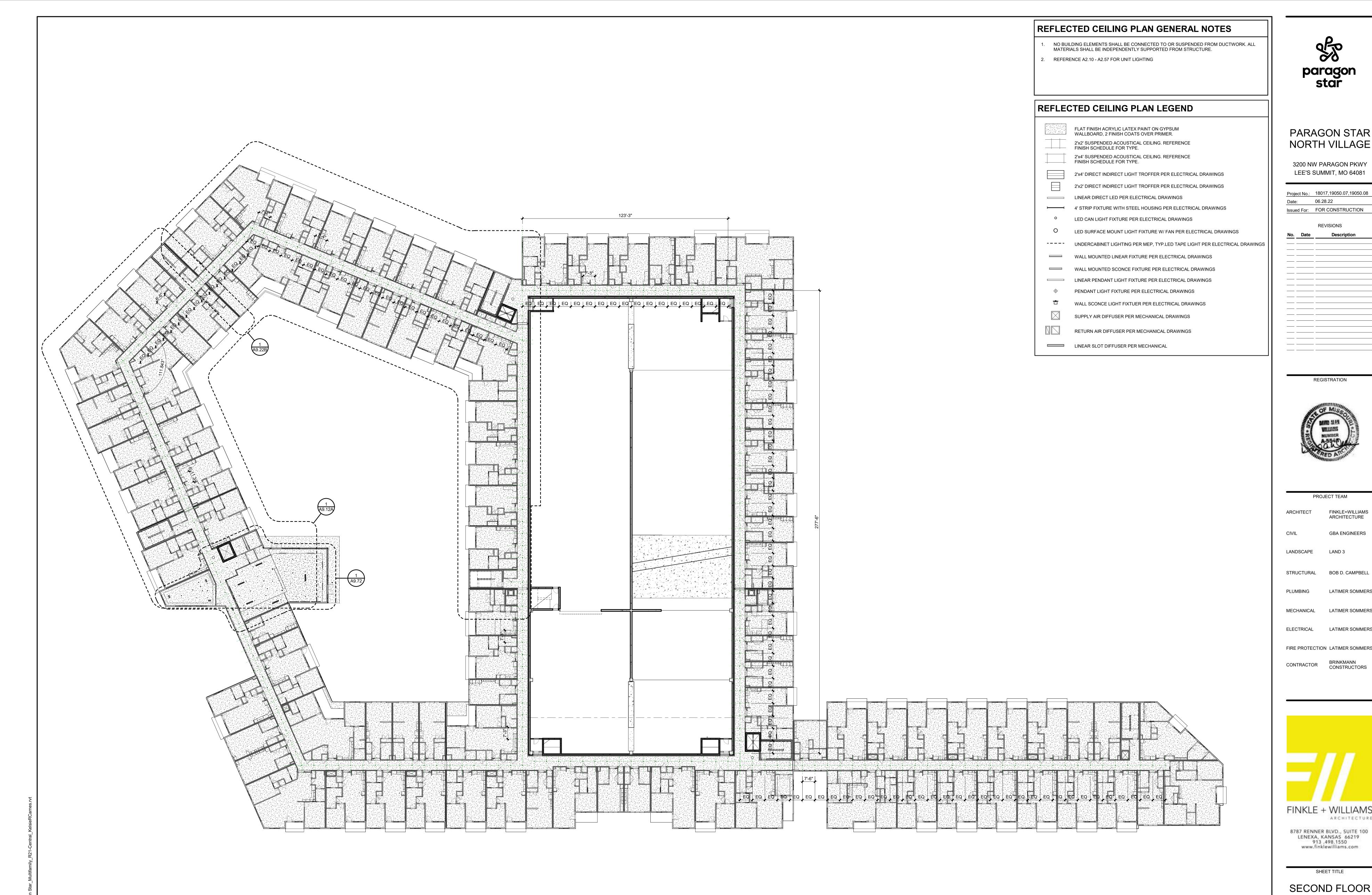
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SHEET TITLE

FIRST FLOOR REFLECTED **CEILING PLAN**

SHEET NUMBER

A9.01





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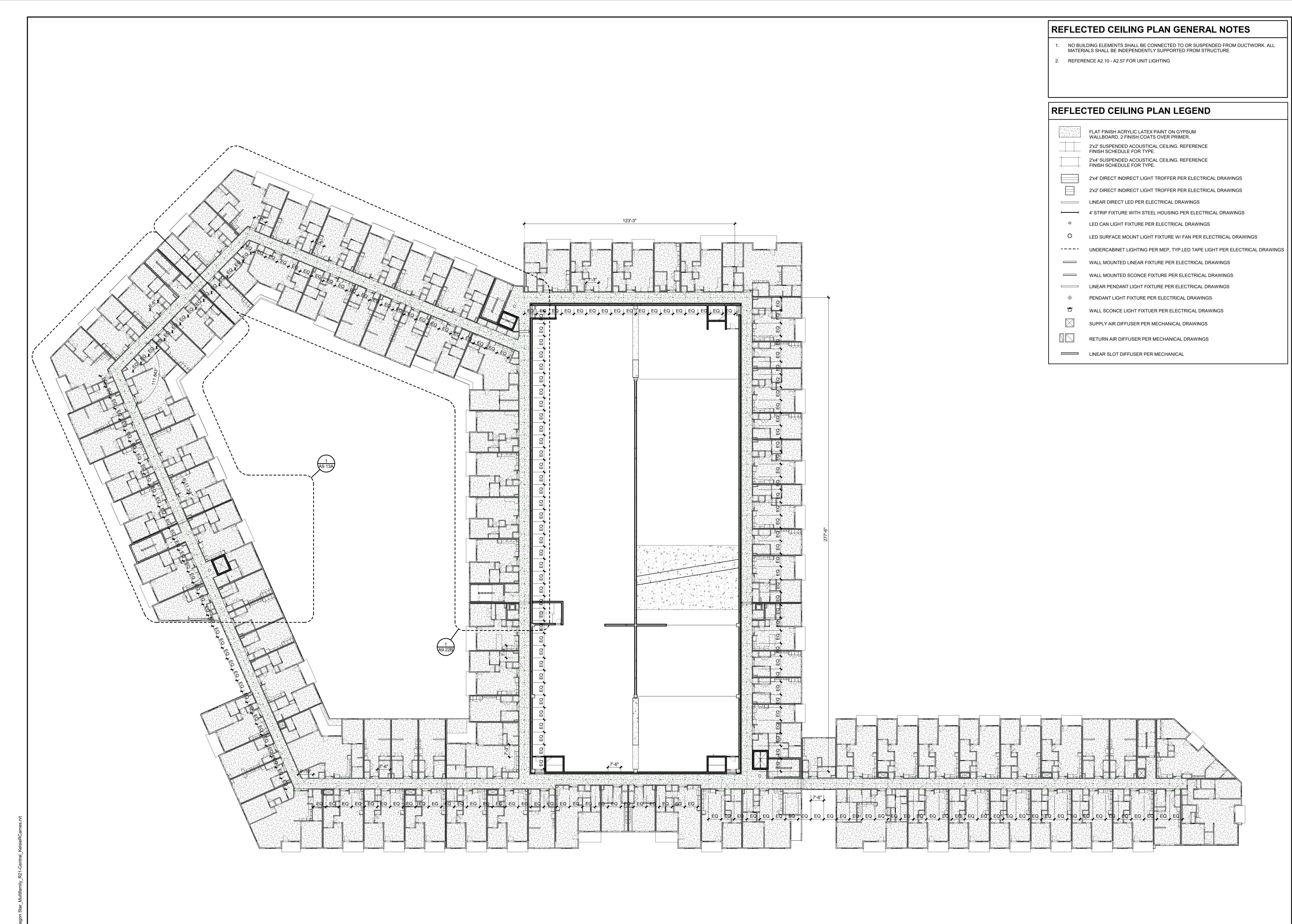
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SHEET TITLE

SECOND FLOOR REFLECTED **CEILING PLAN**

> SHEET NUMBER A9.02

SECOND FLOOR RCP **A9.02** SCALE: 1" = 20'-0"



THIRD FLOOR RCP

A9.03 SCALE: 1" = 20'-0"



paragon star

PARAGON STAR NORTH VILLAGE

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GBA ENGINEERS

LANDSCAPE
LAND 3

STRUCTURAL
BOB D. CAMPBELL

PLUMBING
LATIMER SOMMERS

MECHANICAL
LATIMER SOMMERS

ELECTRICAL
LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS



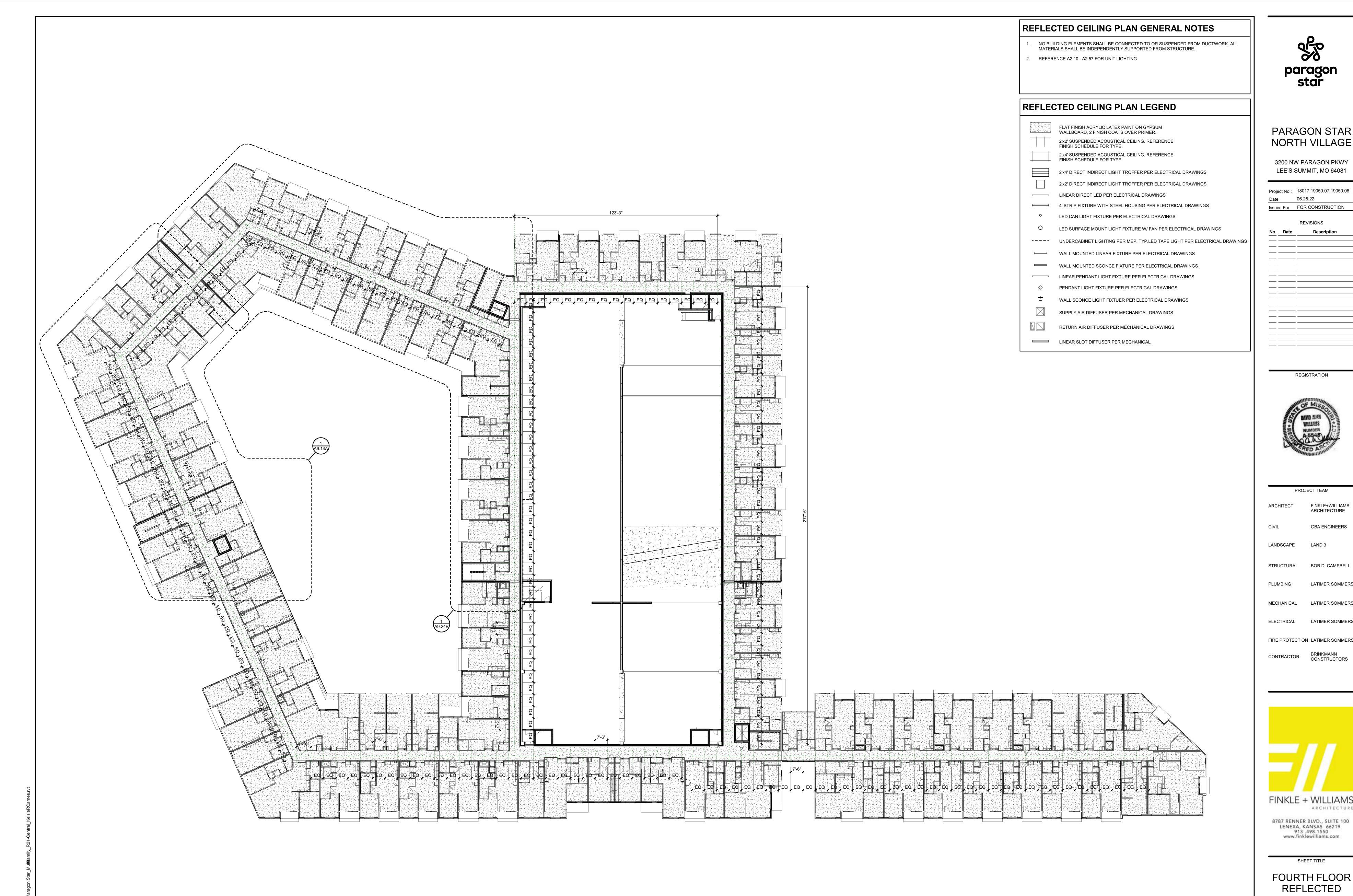
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SHEET TITLE

THIRD FLOOR REFLECTED CEILING PLAN

SHEET NUMBER

A9.03



FOURTH FLOOR RCP

A9.04 SCALE: 1" = 20'-0"



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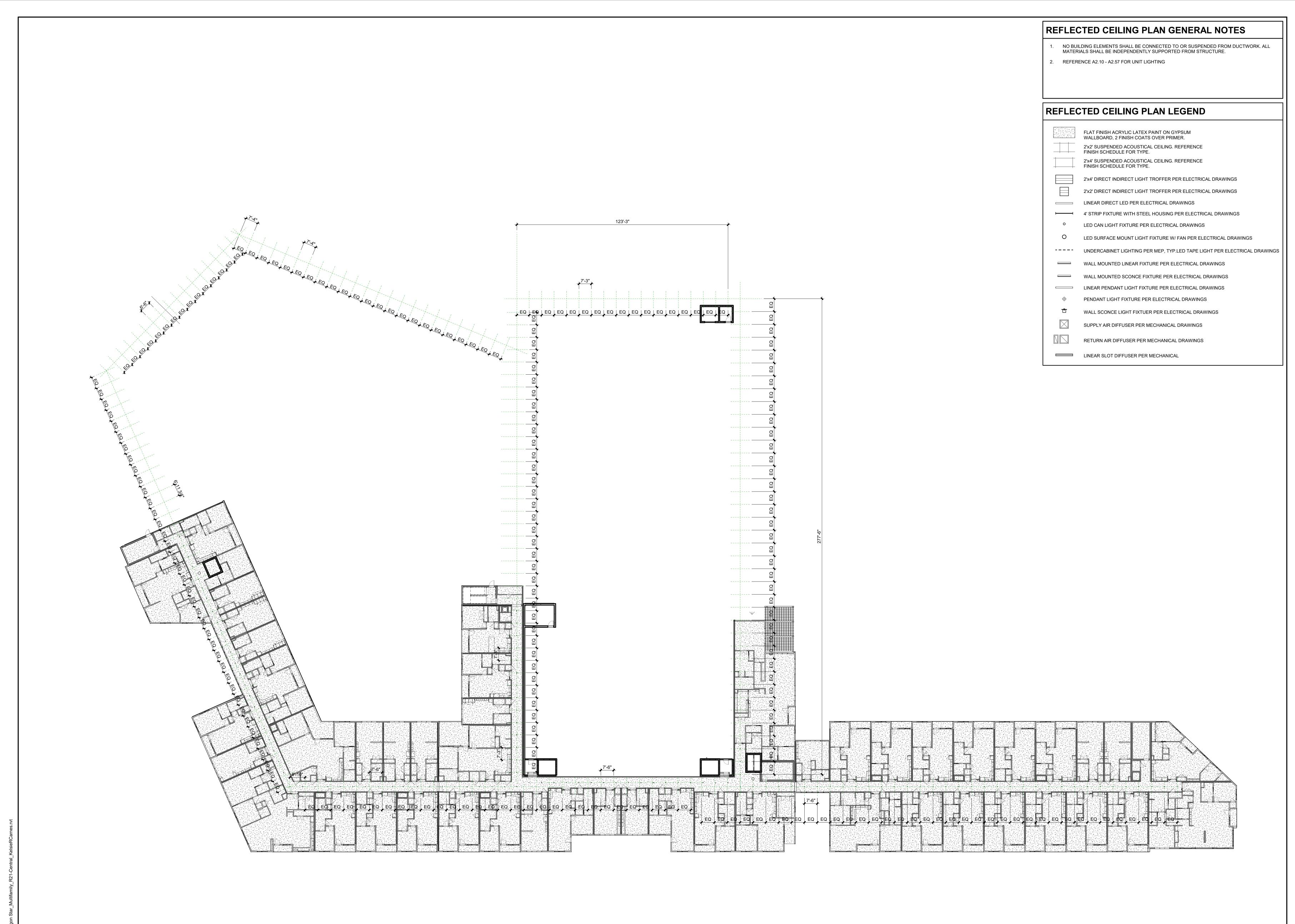
PROJECT TEAM FINKLE+WILLIAMS LANDSCAPE LAND 3 STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS MECHANICAL LATIMER SOMMERS ELECTRICAL LATIMER SOMMERS FIRE PROTECTION LATIMER SOMMERS



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SHEET TITLE

FOURTH FLOOR REFLECTED **CEILING PLAN**



FIFTH FLOOR RCP

A9.05 SCALE: 1" = 20'-0"



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LANDSCAPE LAND 3

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PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

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SHEET TITLE

FIFTH FLOOR REFLECTED CEILING PLAN

SHEET NUMBER

A9.05





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MECHANICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

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ARCHITECTURE

FINKLE + WILLIAMS

SHEET TITLE

BUILDING A FIRST FLOOR RCP

SHEET NUMBER

A9.11A





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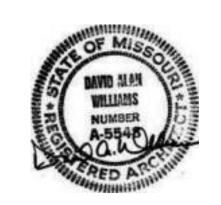
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ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

STRUCTURAL BOB D. CAMPBELL

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

LATIMER SOMMERS

FINKLE + WILLIAMS

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ARCHITECTURE

SHEET TITLE

BUILDING A SECOND FLOOR RCP

SHEET NUMBER

A9.12A





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LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PROJECT TEAM

FINKLE+WILLIAMS

LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

FIRE PROTECTION LATIMER SOMMERS



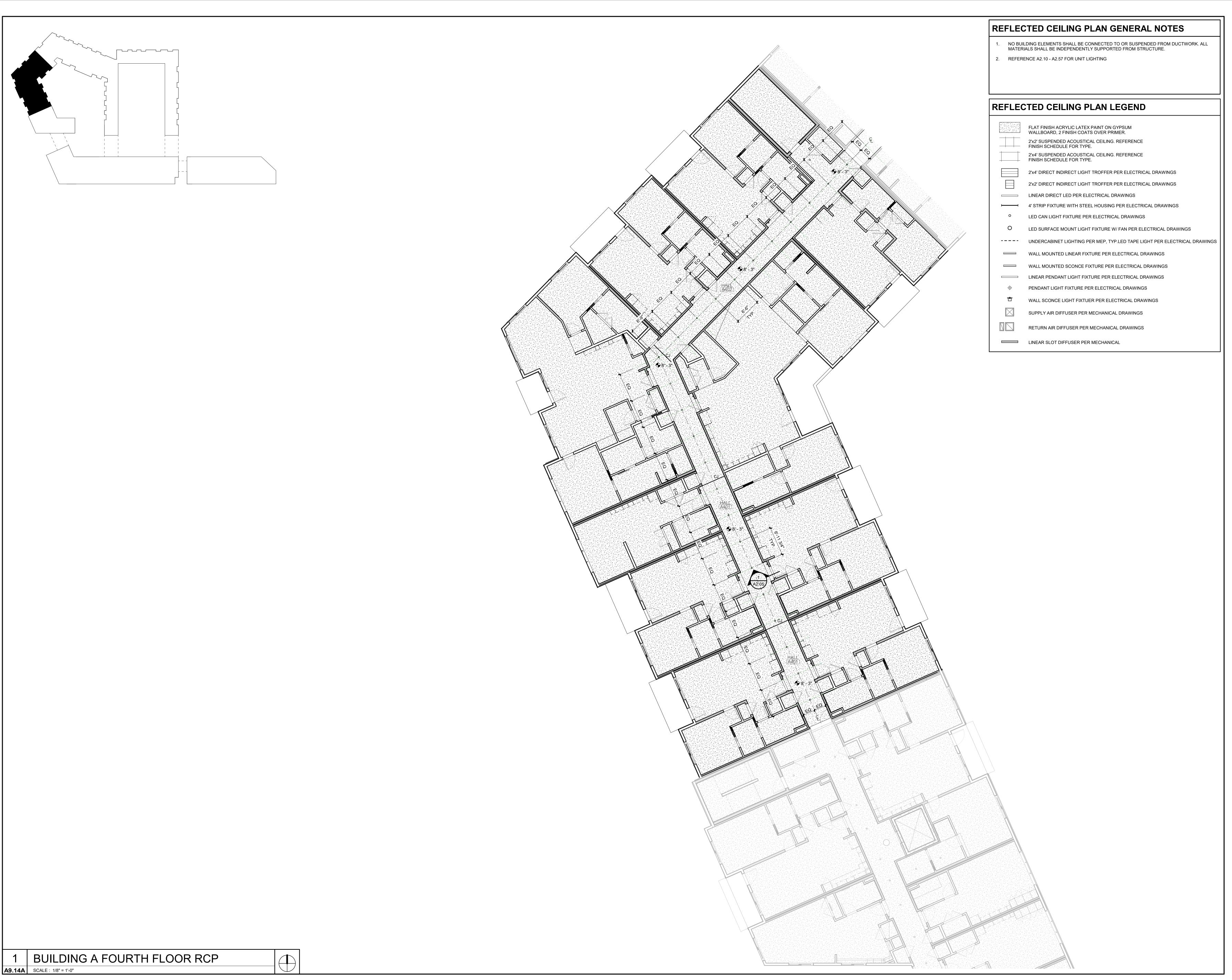
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SHEET TITLE

BUILDING A THIRD FLOOR

SHEET NUMBER

A9.13A





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ARCHITECTURE

IL GBA ENGINEERS

NDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

FIRE PROTECTION LATIMER SOMMERS

LATIMER SOMMERS



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SHEET TITLE

BUILDING A FOURTH FLOOR RCP

SHEET NUMBER

A9.14A

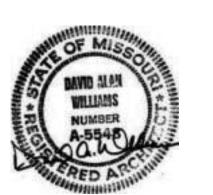




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GBA ENGINEERS

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS PLUMBING

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

FIRE PROTECTION LATIMER SOMMERS

FINKLE + WILLIAMS

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ARCHITECTURE

SHEET TITLE

BUILDING B FIRST FLOOR RCP

SHEET NUMBER

A9.21B





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ARCHITECTURE

LANDSCAPE LAND 3

GBA ENGINEERS

STRUCTURAL BOB D. CAMPBELL

TRUCTURAL BOB D. CAMI

PLUMBING LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS



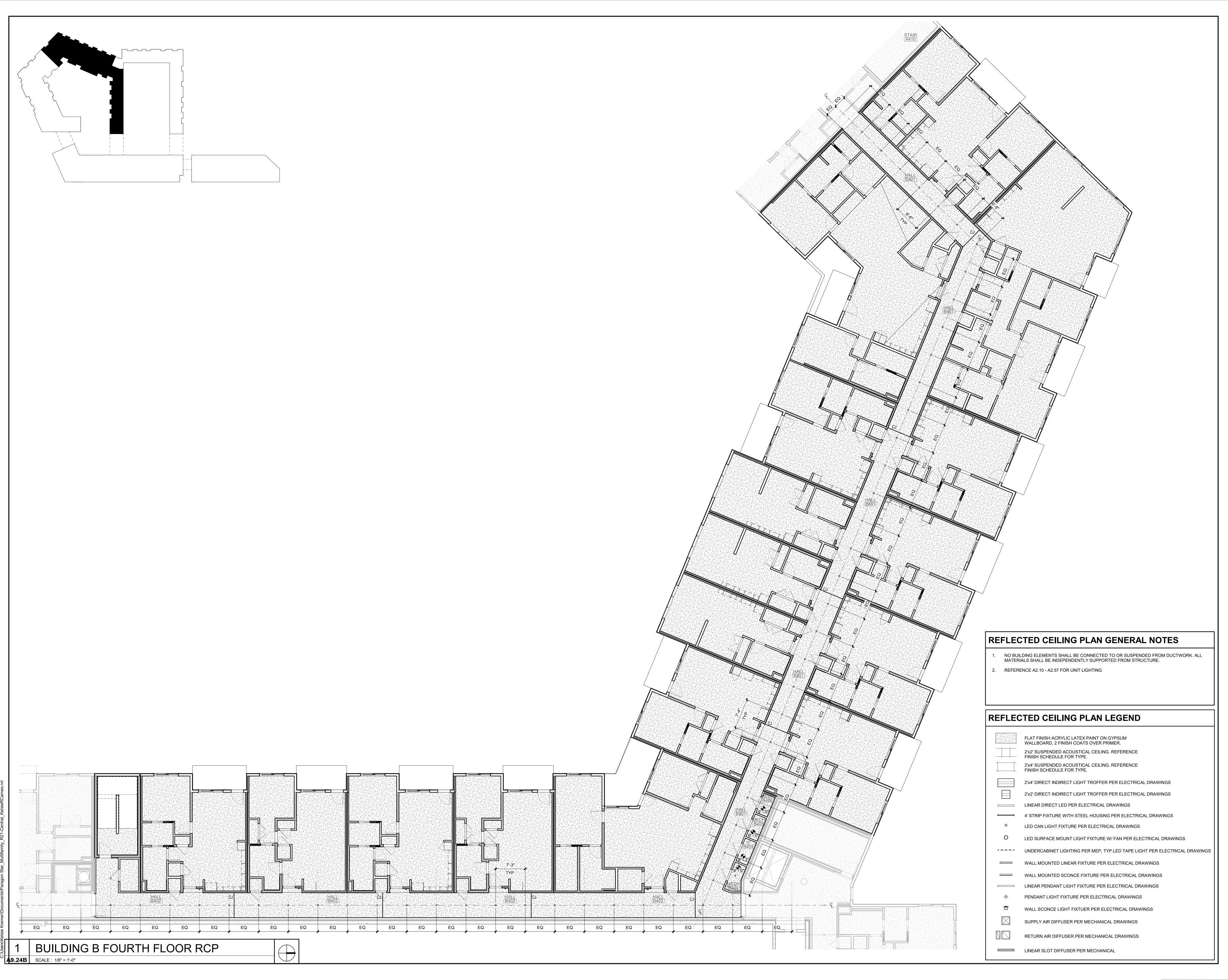
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ARCHITECTURE

BUILDING B
SECOND &
THIRD FLOOR
RCP

SHEET NUMBER

A9.22B





3200 NW PARAGON PKWY

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GBA ENGINEERS

STRUCTURAL BOB D. CAMPBELL

LANDSCAPE LAND 3

LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

PLUMBING

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

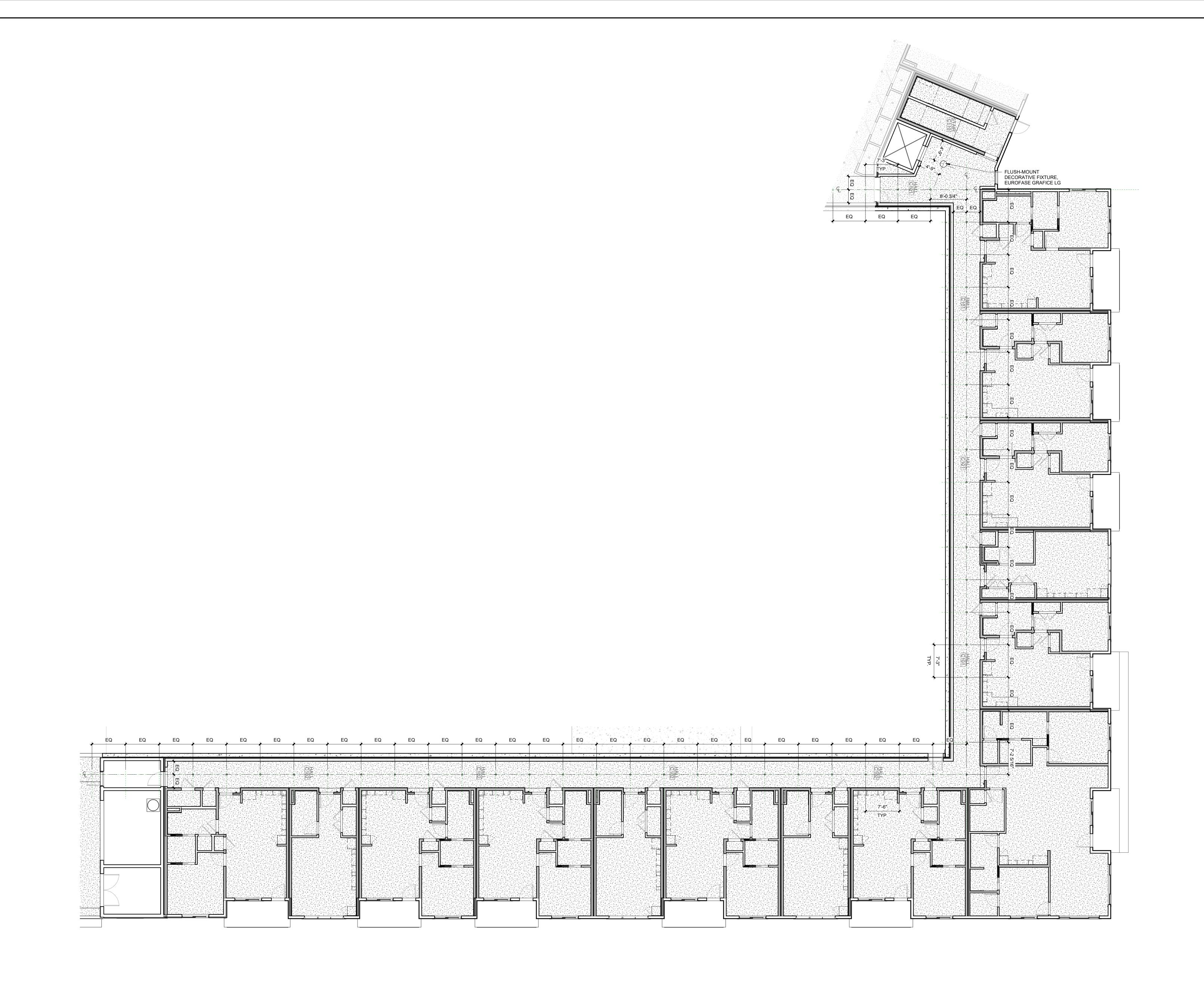


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ARCHITECTURE

SHEET TITLE

BUILDING B FOURTH FLOOR RCP





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CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS
FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

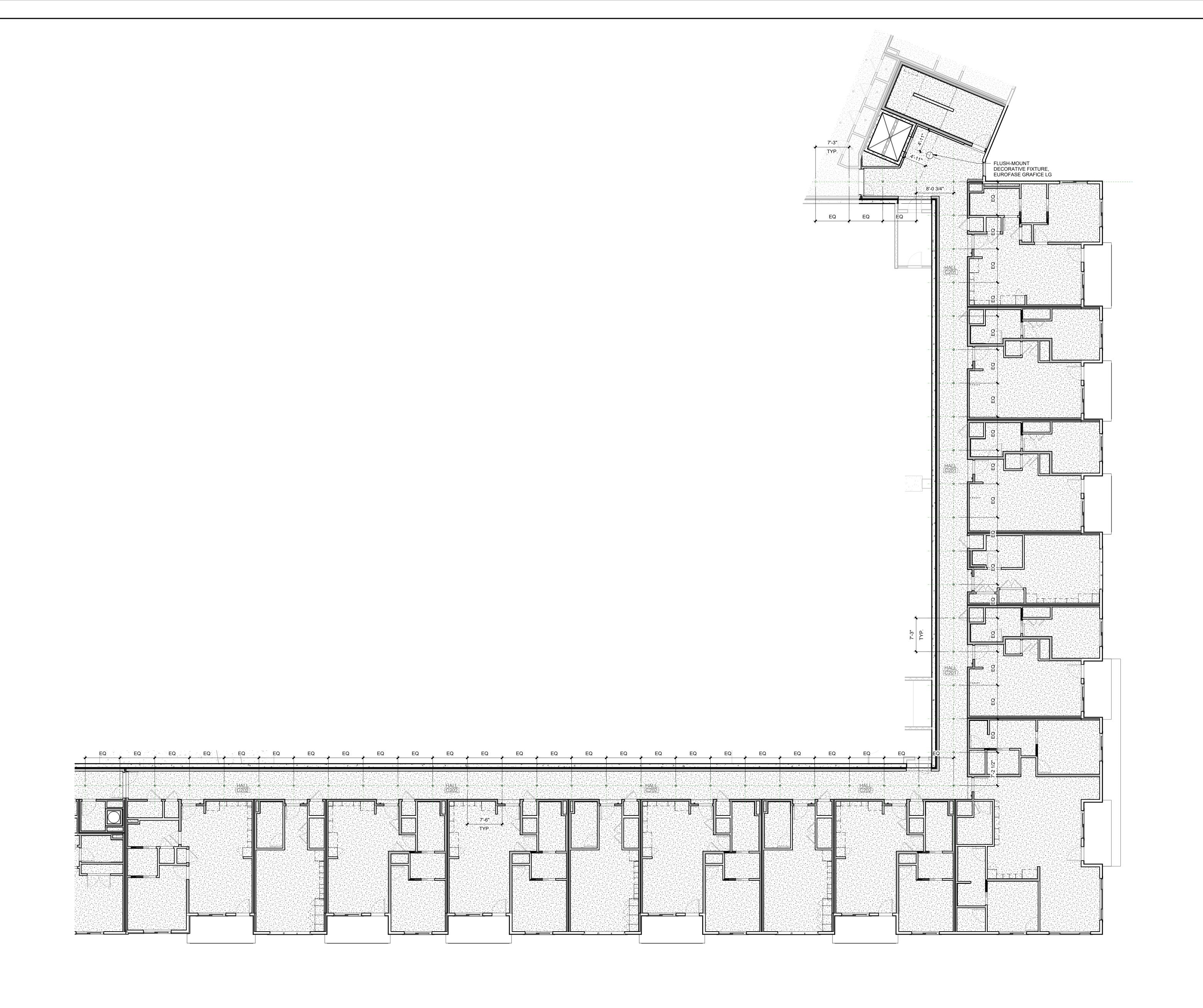
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SHEET TITLE

BUILDING C FIRST FLOOR RCP

A9.31C





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CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

PROJECT TEAM

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

PLUMBING

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR

BRINKMANN

CONSTRUCTORS



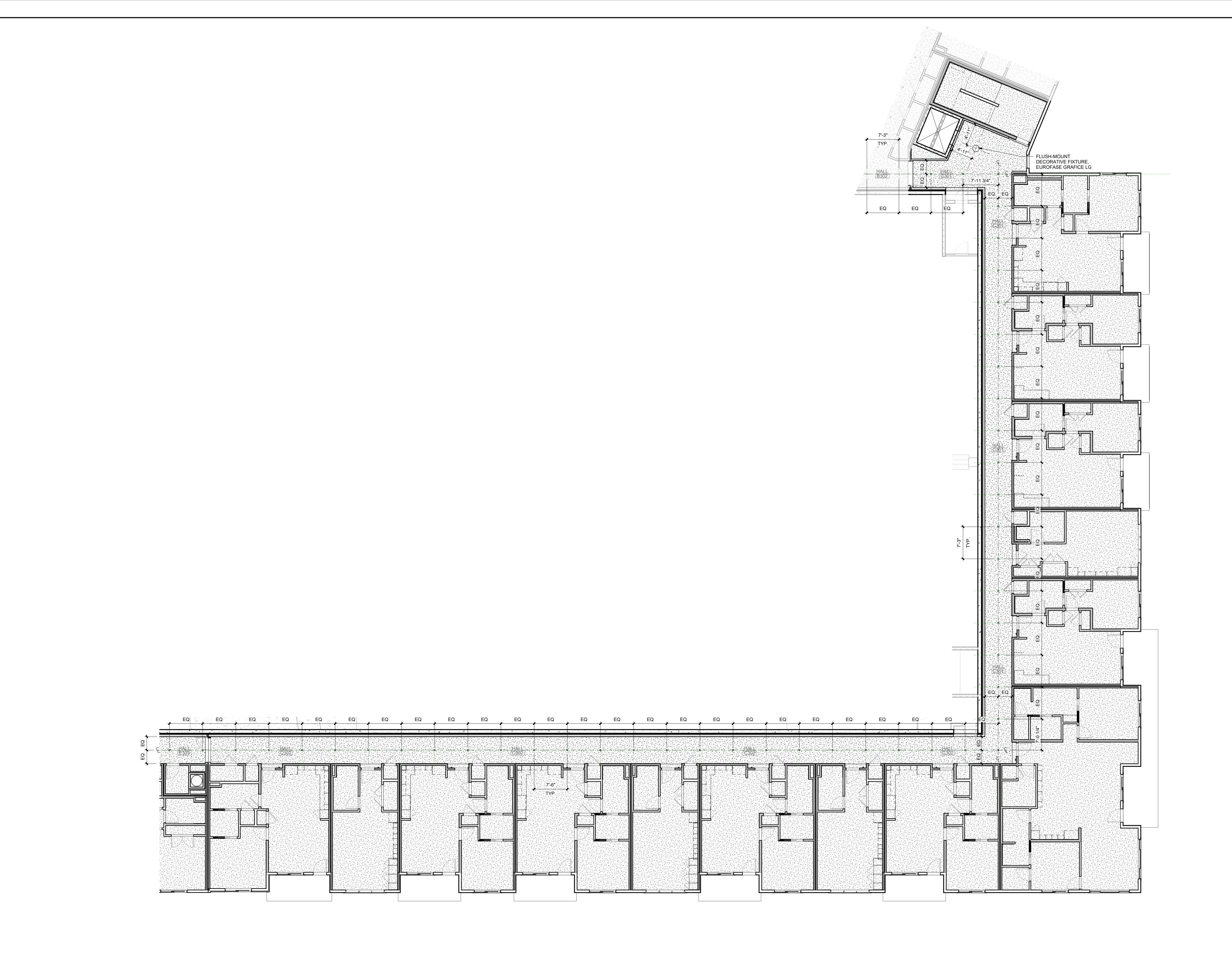
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BUILDING C SECOND FLOOR

SHEET TITLE

SHEET NUMBER

A9.32C





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ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR

BRINKMANN

CONSTRUCTORS



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SHEET TITLE

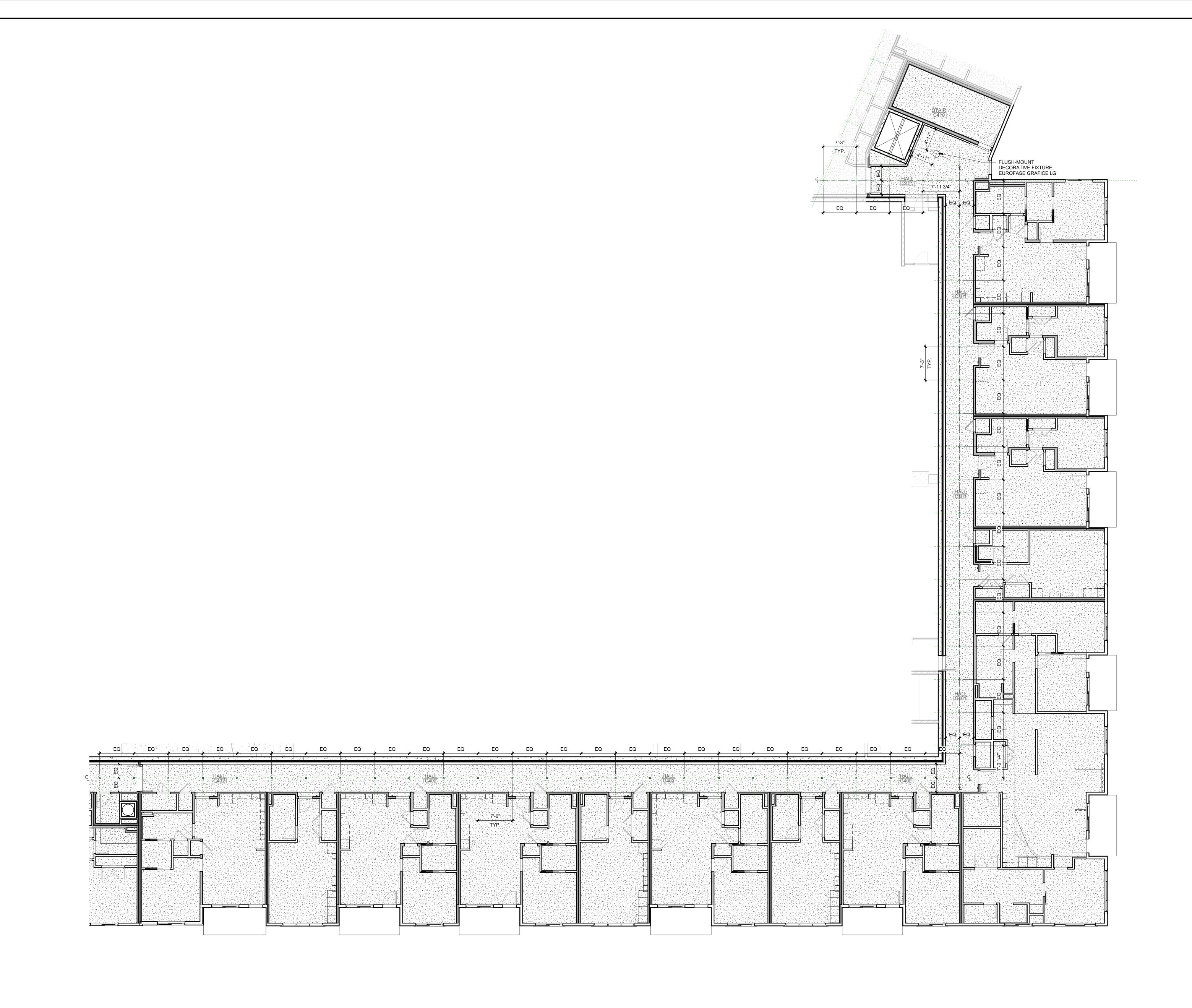
BUILDING C THIRD FLOOR RCP

A9.33C

1 BUILDING C THIRD FLOOR RCP

A9.33C SCALE: 1/8" = 1'-0"







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ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

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MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

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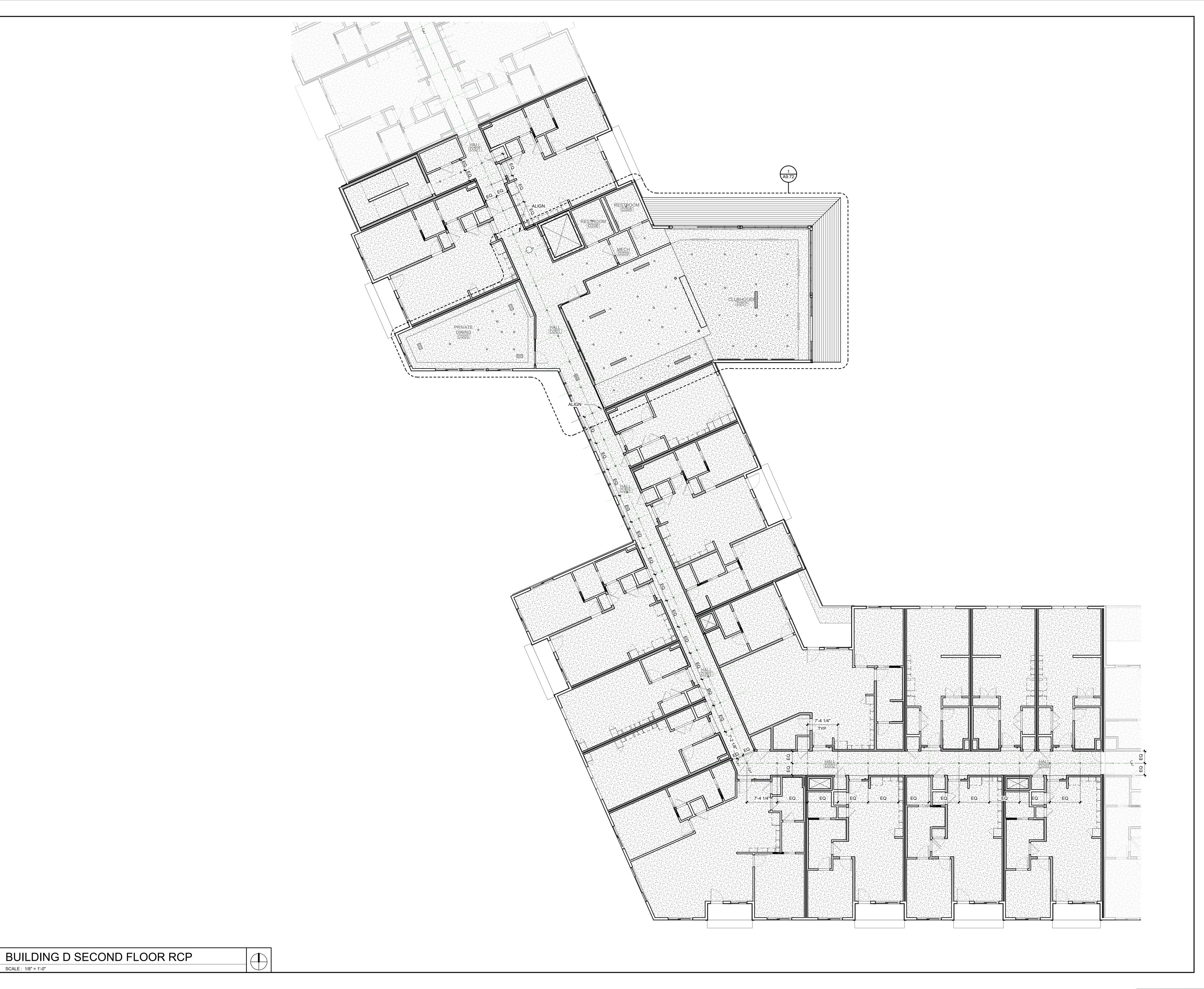
SHEET TITLE

BUILDING C FOURTH FLOOR RCP

A9.34C

1 BUILDING C FOURTH FLOOR RCP

A9.34C SCALE: 1/8" = 1'-0"



A9.42D SCALE: 1/8" = 1'-0"



PARAGON STAR NORTH VILLAGE

3200 NW PARAGON PKWY

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GBA ENGINEERS

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ELECTRICAL LATIMER SOMMERS

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FIRE PROTECTION LATIMER SOMMERS



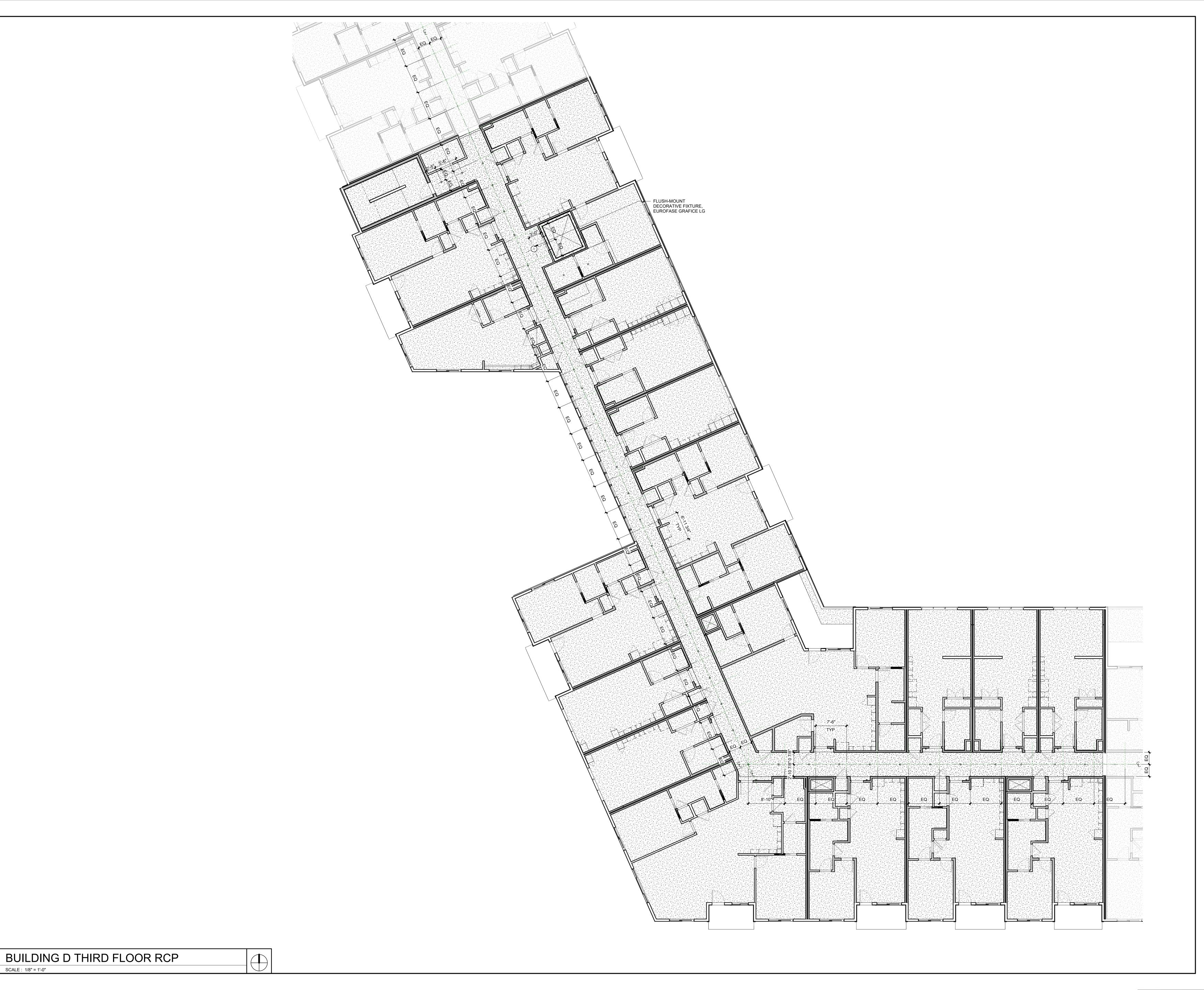
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ARCHITECTURE

SHEET TITLE

BUILDING D SECOND FLOOR RCP

SHEET NUMBER A9.42D



A9.43D SCALE: 1/8" = 1'-0"



PARAGON STAR NORTH VILLAGE

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GBA ENGINEERS

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ELECTRICAL LATIMER SOMMERS FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

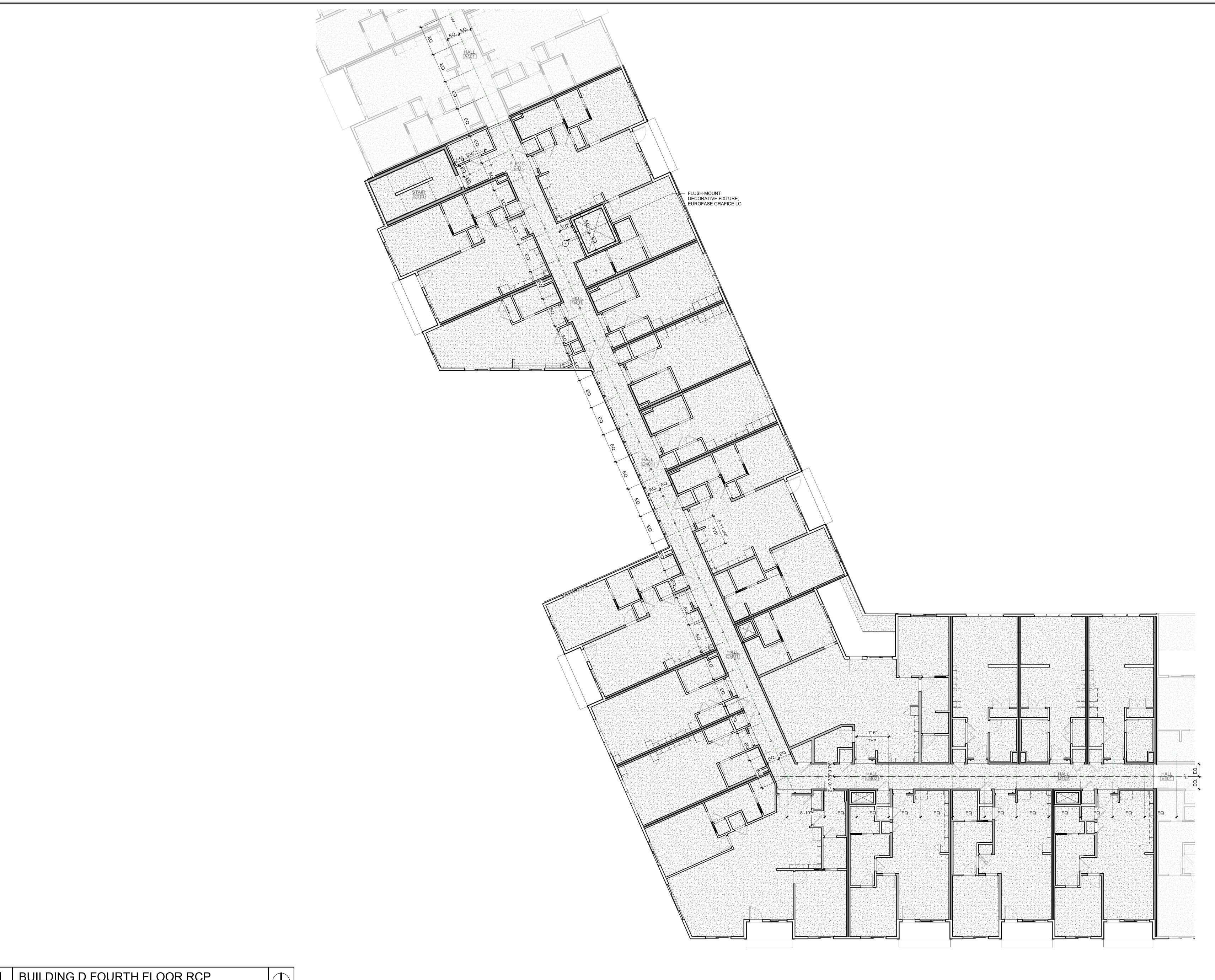
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FINKLE + WILLIAMS

SHEET TITLE

BUILIDNG D THIRD FLOOR RCP

SHEET NUMBER A9.43D





3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08 Issued For: FOR CONSTRUCTION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS

LANDSCAPE LAND 3

GBA ENGINEERS

STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS CONTRACTOR BRINKMANN CONSTRUCTORS

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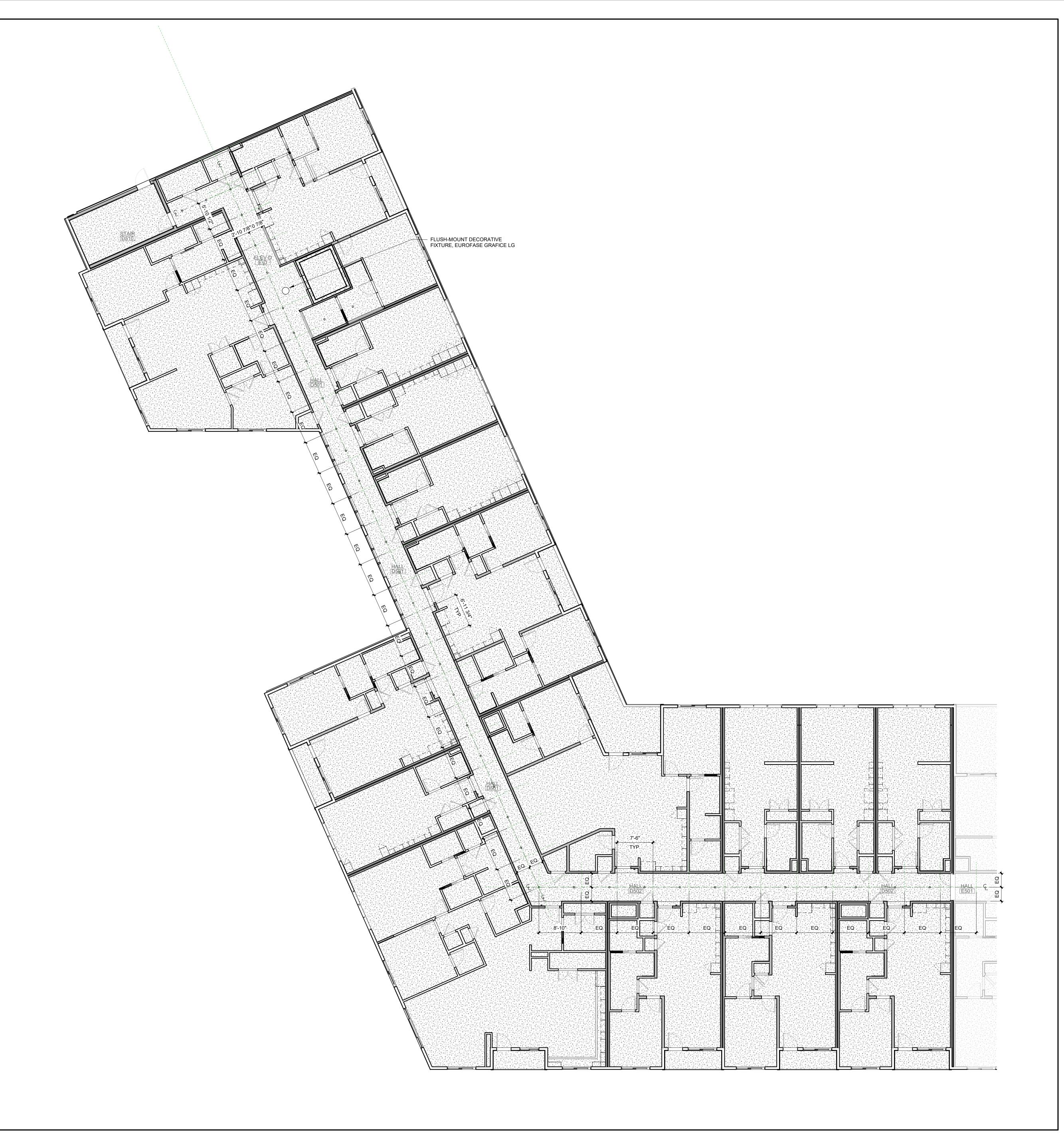
ARCHITECTURE

SHEET TITLE

BUILDING D FOURTH FLOOR RCP

SHEET NUMBER A9.44D

A9.44D SCALE: 1/8" = 1'-0"





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ARCHITECTURE

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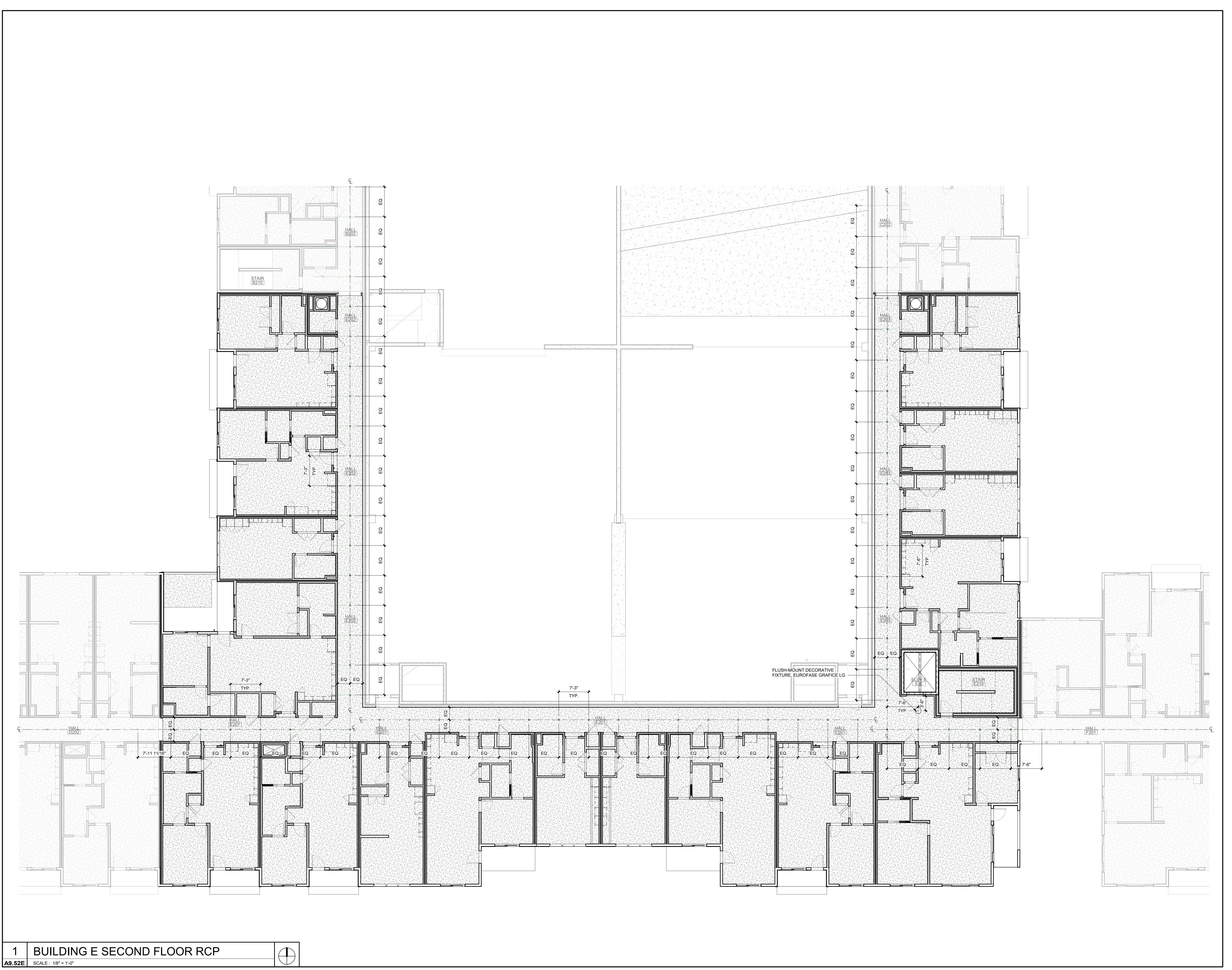
ARCHITECTURE

SHEET TITLE

BUILDING D FIFTH FLOOR RCP

A9.45D

A9.45D SCALE: 1/8" = 1'-0"





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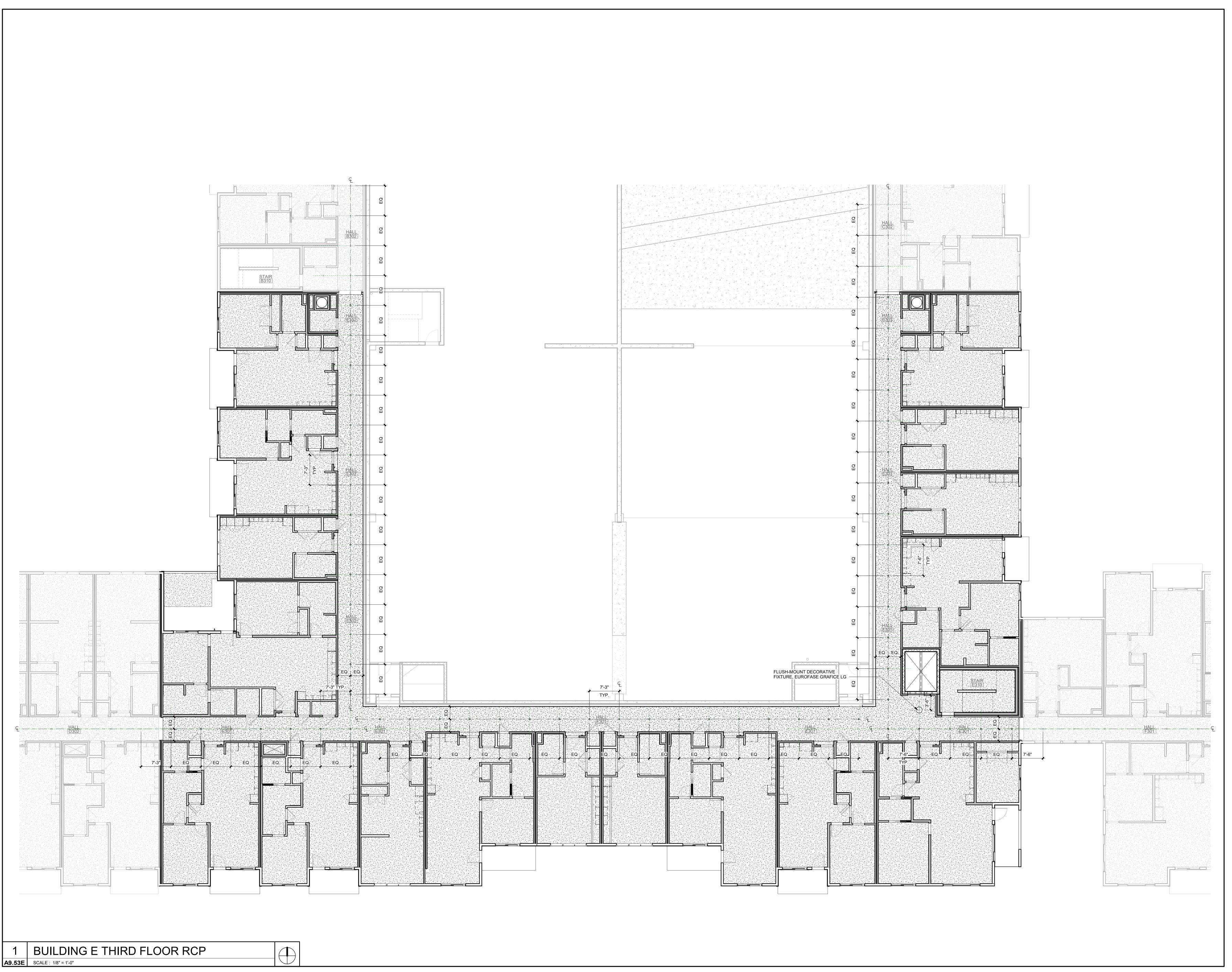
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SHEET TITLE

BUILDING E SECOND FLOOR RCP

SHEET NUMBER

A9.52E





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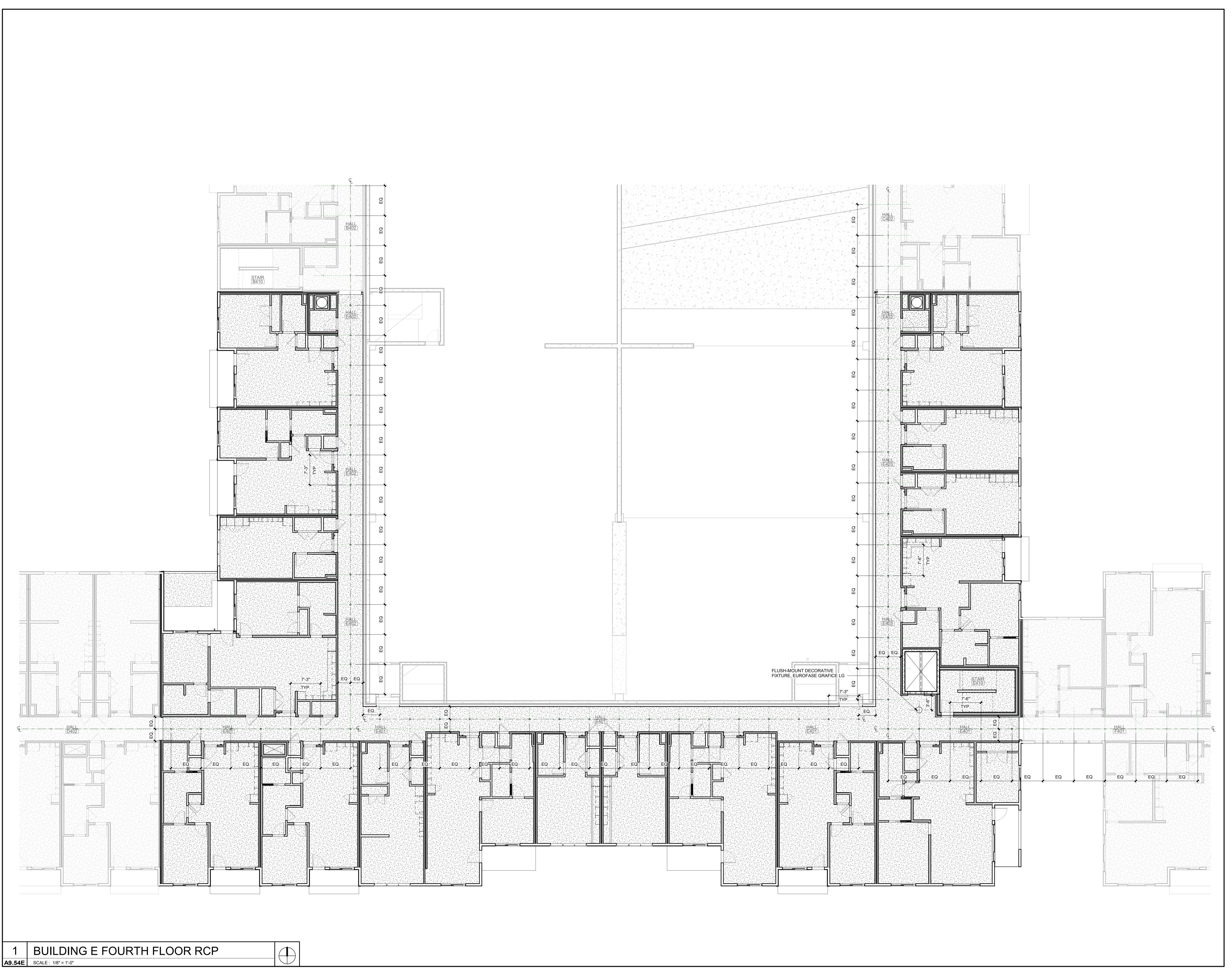
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SHEET TITLE BUILDING E THIRD FLOOR RCP

SHEET NUMBER A9.53E





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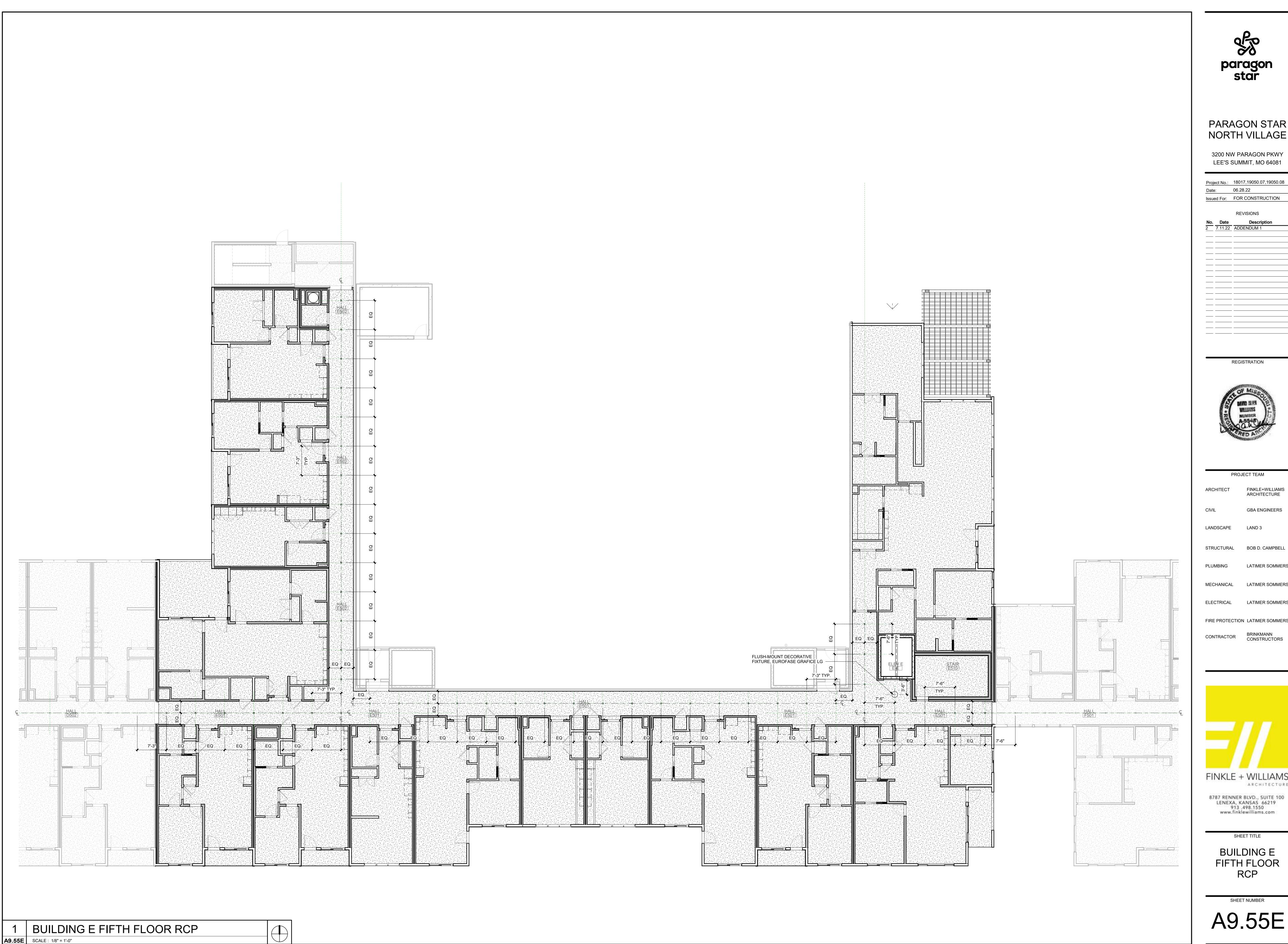
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BUILDING E FOURTH FLOOR RCP

SHEET NUMBER

A9.54E





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FIRE PROTECTION LATIMER SOMMERS



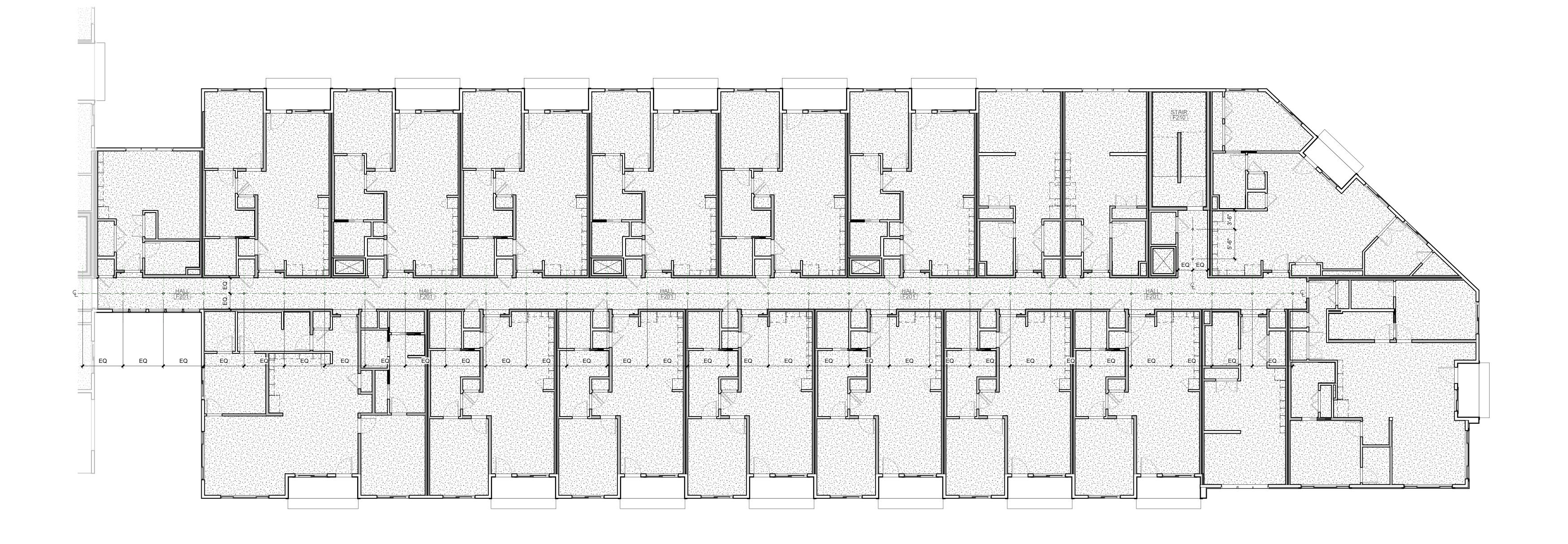
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SHEET TITLE

BUILDING E FIFTH FLOOR RCP

SHEET NUMBER A9.55E





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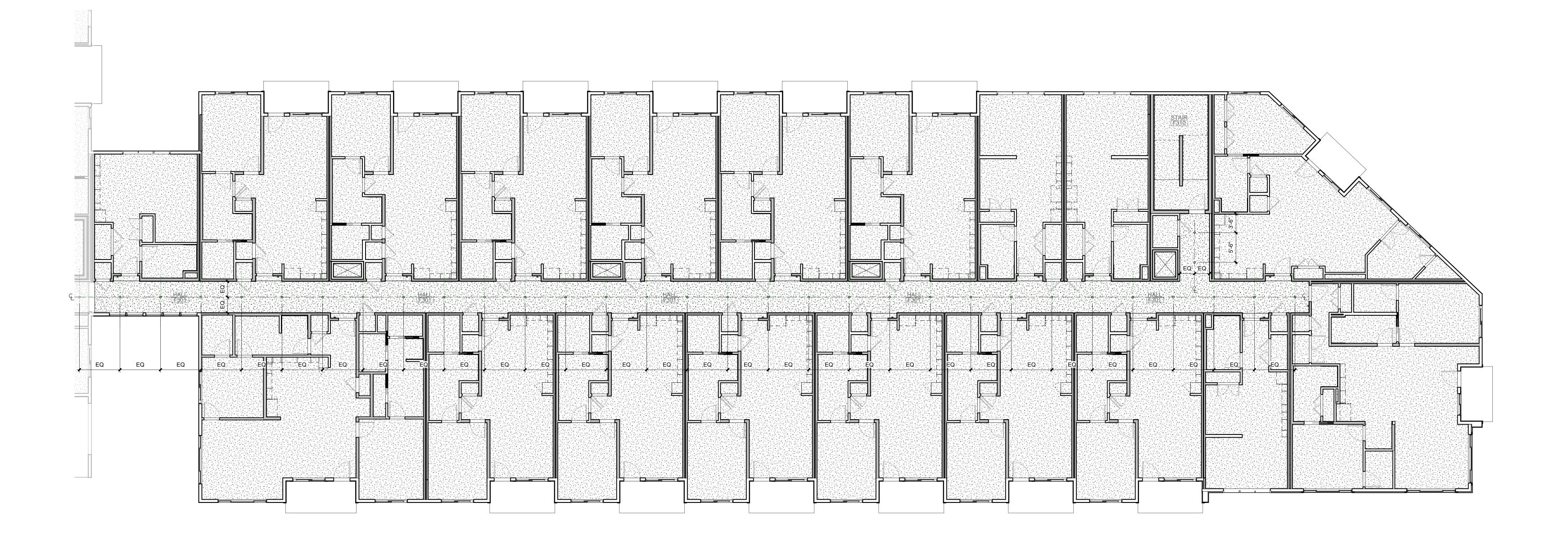
SHEET TITLE

BUILDING F SECOND FLOOR RCP

A9.62F

1 BUILDING F SECOND FLOOR RCP

A9.62F SCALE: 1/8" = 1'-0"





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FIRE PROTECTION LATIMER SOMMERS

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BUILDING F THIRD FLOOR

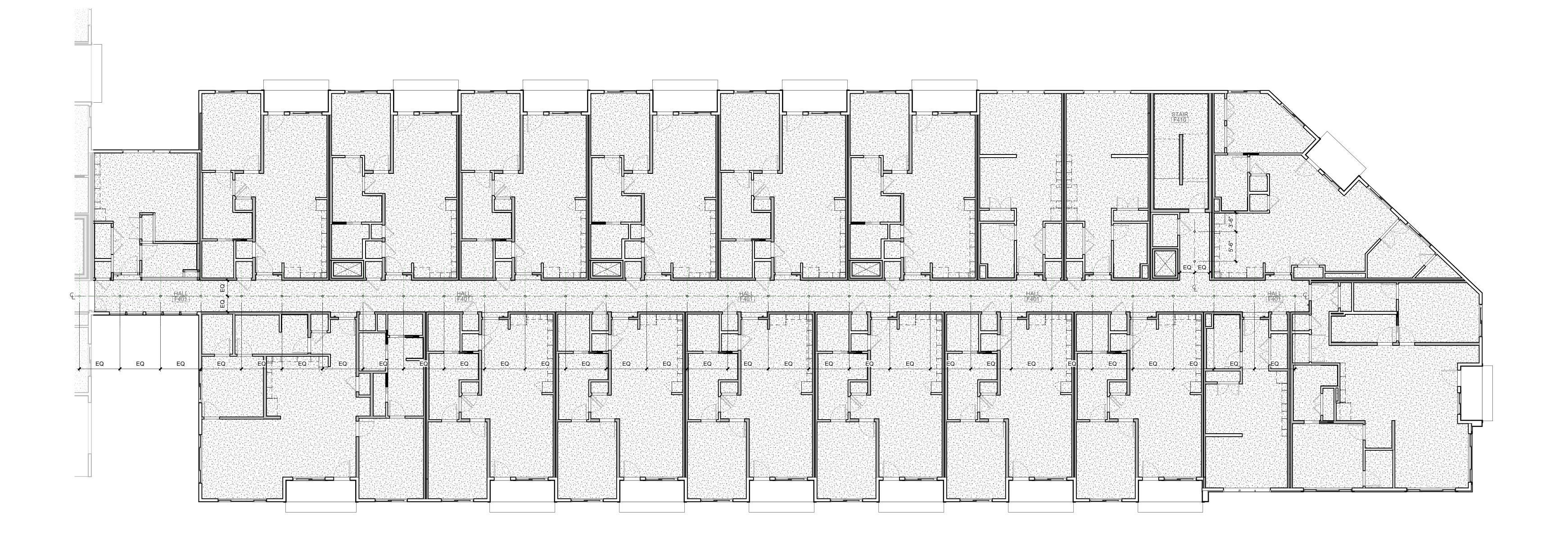
SHEET NUMBER

RCP

A9.63F

1 BUILDING F THIRD FLOOR RCP

A9.63F SCALE: 1/8" = 1'-0"





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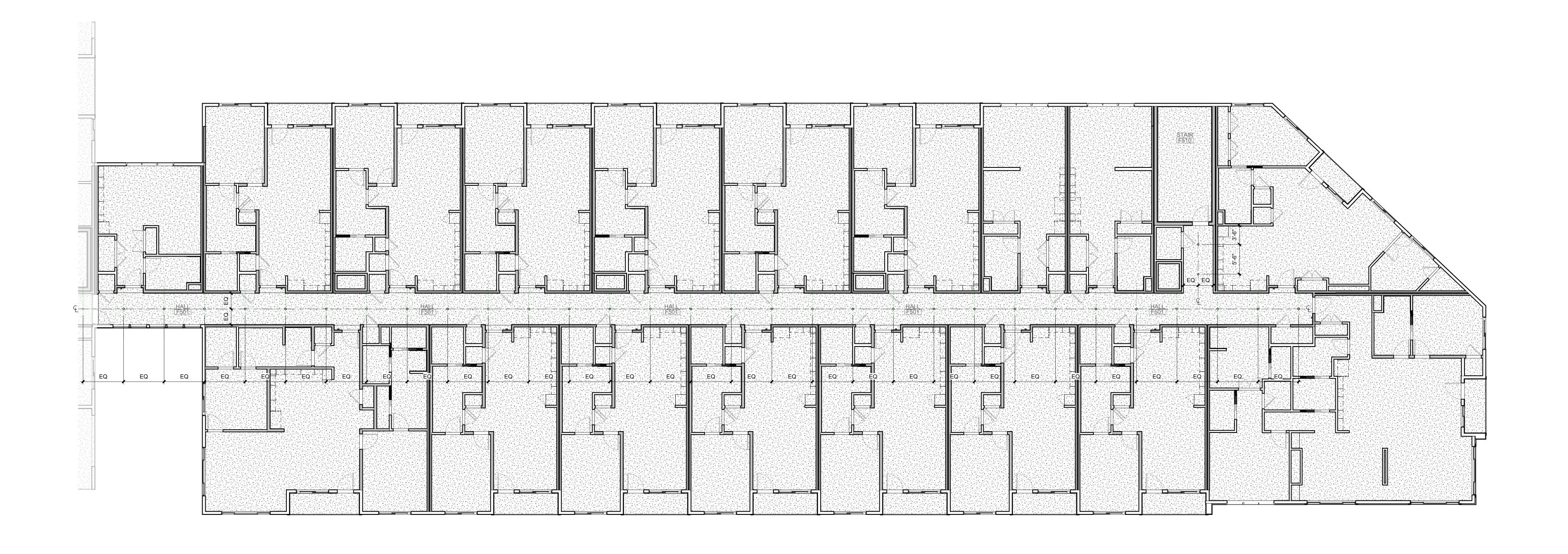
SHEET TITLE

BUILDING F FOURTH FLOOR PLAN

A9.64F

1 BUILDING F FOURTH FLOOR RCP

A9.64F SCALE: 1/8" = 1'-0"





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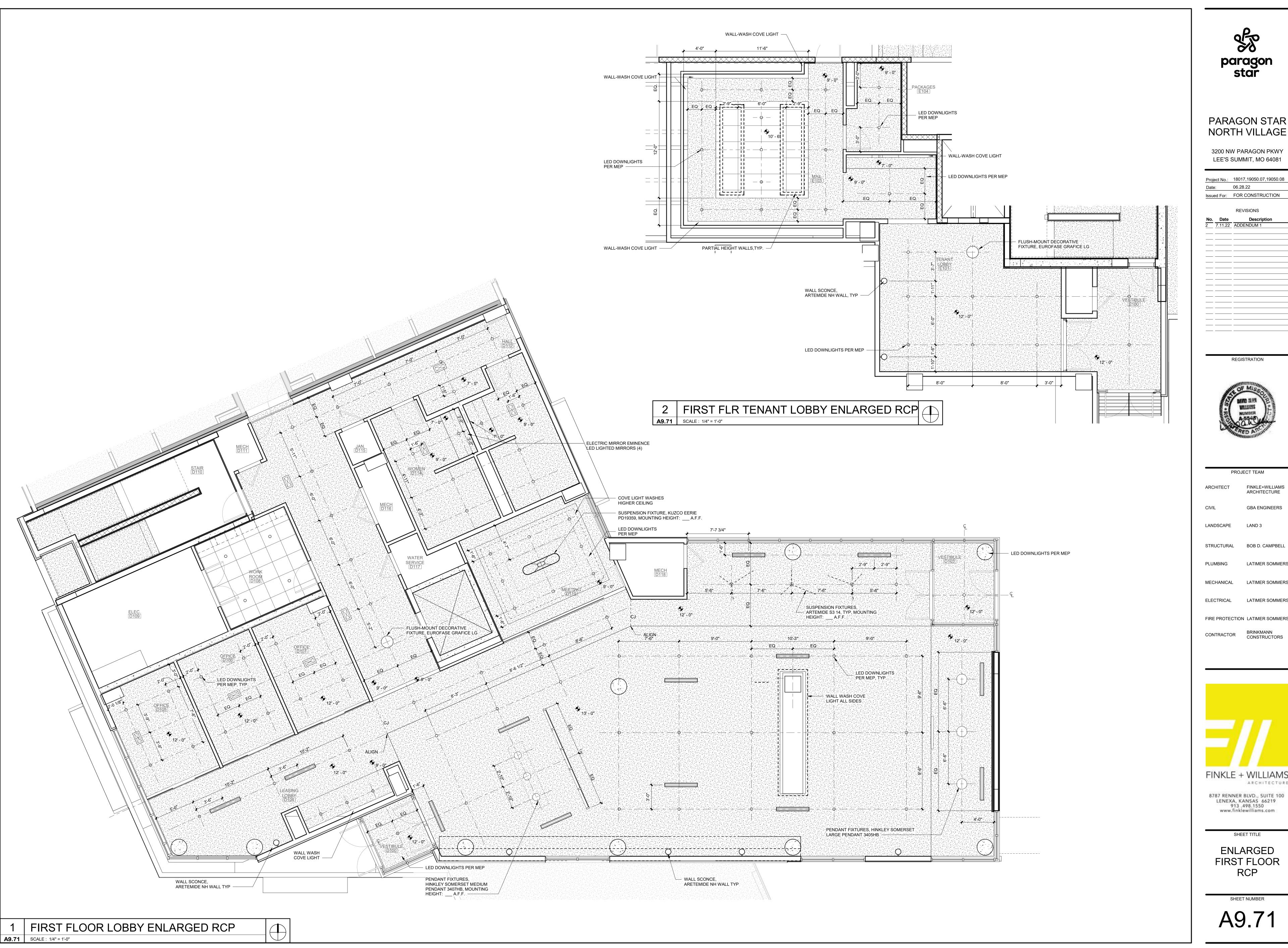
SHEET TITLE

BUILDING F FIFTH FLOOR RCP

A9.65F

1 BUILDING F FIFTH FLOOR RCP

A9.65F SCALE: 1/8" = 1'-0"





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ARCHITECT FINKLE+WILLIAMS **GBA ENGINEERS** LANDSCAPE LAND 3 STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS

PROJECT TEAM

ELECTRICAL LATIMER SOMMERS FIRE PROTECTION LATIMER SOMMERS

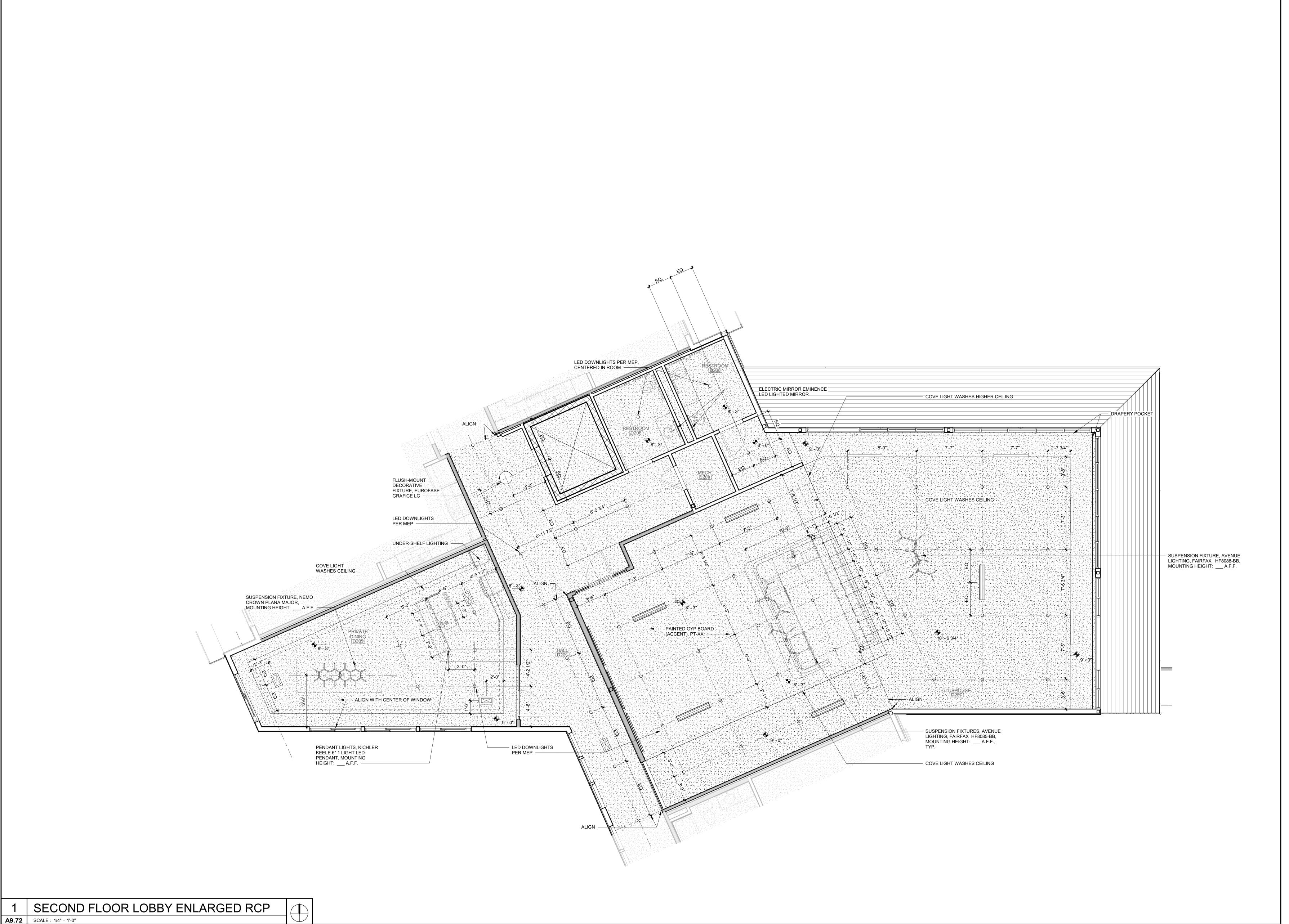
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SHEET TITLE

ENLARGED FIRST FLOOR





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No. Date Descript
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REGISTRATION



ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL GBA ENGINEERS

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS



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SHEET TITLE

ENLARGED SECOND FLOOR

A9.72

DELIVERY, AND LABOR SHALL BE IN ADDITION TO THE MATERIAL ALLOWANCE. 1.2 ALTERNATES 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.

1.3 UNIT PRICES 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.

1.4 CHANGE ORDERS A. WHEN CHANGES TO THE CONTRACT SUM OR SCHEDULE ARE NECESSARY, CONTRACTOR SHALL SUBMIT FOUR (4) COPIES OF THE PROPOSED CHANGE ORDER AND SUPPORTING DOCUMENTATION TO ARCHITECT FOR REVIEW IN A FORMAT AGREED UPON BETWEEN THE OWNER, ARCHITECT, AND CONTRACTOR. BEFORE PROCEEDING WITH WORK RELATED TO CHANGE ORDERS, CONTRACTOR SHALL OBTAIN OWNER'S WRITTEN APPROVAL.

1.5 PAYMENT APPLICATIONS A. PRIOR TO SUBMITTAL OF EACH FORMAL MONTHLY PAYMENT APPLICATION, THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT A DRAFT COPY OF THE PROPOSED PAYMENT APPLICATION WITH A SCHEDULE OF VALUES INDICATING THE ESTIMATED

PERCENT COMPLETE IN EACH CATEGORY. B. FOLLOWING REVIEW AND ADJUSTMENT (IF ANY) OF THE DRAFT, CONTRACTOR SHALL SUBMIT FOUR (4) COPIES OF THE PROPERLY EXECUTED PAYMENT APPLICATION, SCHEDULE OF VALUES, AND LIEN WAIVERS FOR ARCHITECT'S REVIEW AND FORWARDING TO OWNER FOR PAYMENT.

A. CONTRACTOR SHALL PREPARE AND SUBMIT SUBMITTALS REQUIRED BY INDIVIDUAL SPEC SECTIONS [AS PDF UPLOADED TO ON-LINE PROJECT SOFTWARE WEBSITE] OR [PDF SENT VIA EMAIL] FOR ARCHITECT'S REVIEW.

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 [PROVIDE DIGITAL SIGNATURE ON ELECTRONICALLY SUBMITTED CERTIFICATES AND CERTIFICATIONS WHERE INDICATED] <u>DELEGATED-DESIGN SERVICES CERTIFICATION</u>: IN ADDITION TO OTHER REQUIRED SUBMITTALS, SUBMITAL [DIGITALLY SIGNED PDF ELECTRONIC FILE] [AND] [THREE] PAPER COPIES OF CERTIFICATE, SIGNED AND SEALED BY THE RESPONSIBLE DESIGN

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

1.7 CONSTRUCTION PERIOD TESTING 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.

A. CONSTRUCTION AND MATERIALS SHALL COMPLY WITH THE MOST RECENT STANDARDS IN EFFECT AS OF THE DATE OF THE CONSTRUCTION DOCUMENTS, UNLESS INDICATED

1.9 CLOSEOUT PROCEDURES 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. WHEN THE CONTRACTOR CONSIDERS THE PUNCHLIST ITEMS FULLY COMPLETED, A FINAL WALK-THROUGH SHALL BE SCHEDULED TO REVIEW THE COMPLETED CONSTRUCTION. B. PRIOR TO PROJECT COMPLETION, CONTRACTOR SHALL SUBMIT/COMPLETE THE FOLLOWING:

1. ELECTRONIC (PDF) SET OF CONSTRUCTION DRAWINGS NEATLY MARKED UP TO

SHOW ACTUAL INSTALLATION WHERE INSTALLATION VARIES FROM THAT SHOWN ON ORIGINALLY ON THE CONSTRUCTION DOCUMENTS. TWO (2) COPIES AND ELECTRONIC (PDF) 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

042000 UNIT MASONRY

PRODUCT DATA FOR EACH TYPE OF PRODUCT, SHOP DRAWINGS FOR REINFORCING STEEL, AND THREE (3) SAMPLES FOR EACH TYPE AND COLOR OF MASONRY UNIT TO ILLUSTRATE COLOR AND TEXTURE RANGE.

BUILD SAMPLE PANEL TO DEMONSTRATE QUALITY AND AESTHETICS, SIZE: APPROX. 48" X 60" FOR EACH TYPICAL WALL AREA.

CONCRETE MASONRY UNITS (CMU'S): ASTM C90, NORMAL WEIGHT, 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 a. UNITS MADE WITH INTEGRAL WATER REPELLENT [FOR EXPOSED UNITS] AND

DECORATIVE CMU'S: [NORMAL WEIGHT] WITH [GROUND-FACE] [SPLIT-FACE] [SCORED] FINISH, BASIS OF DESIGN (MFR, STYLE, COLOR) INSULATED CMU'S

MORTAR AND GROUT: a. MORTAR: ASTM C 270, TYPE N ABOVE GRADE, TYPE S BELOW GRADE.

GROUT: ASTM C 476 WITH A SLUMP OF 8-11 INCHES, 28-DAY COMPRESSIVE STRENGTH OF 2.000 PSI MINIMUM. COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.

<u>REINFORCEMENT</u>: SEE STRUCTURAL CONSTRUCTION DOCUMENTS FOR SPECIFICATIONS 4. <u>TIES AND ANCHORS</u>

a. THERMALLY BROKEN, THERMAL 2-SEAL WING NUT ANCHOR (BY HOHMANN & BARNARD INC. OR APPROVED EQUAL), STAINLESS STEEL TYPE 304 (BARREL, HOOK & WIRE), 3/16" DIA. COMPRESSED LEG HOOK, 9 GA CONTINUOUS WIRE.

FLASHING:

a. THRU-WALL: 40 MIL EPDM WITH STAINLESS STEEL TERMINATION BAR, EXTEND MINIMUM OF 6" ABOVE MORTAR NET. DRIP PLATE: 26 GA STAINLESS STEEL (TYPE 316), FULL-DEPTH PROFILE WITH

HEMMED VISIBLE EDGE AND EXTENDING UP WALL SHEATHING A MINIMUM OF 4". PROVIDE PREFABRICATED FULLY WELDED INSIDE AND OUTSIDE CORNERS. ACCESSORIES: a. COMPRESSIBLE FILLER: PREMOLDED STRIPS ASTM D 1056. GRADE 2A1

PREFORMED CONTROL JOINT GASKETS: SBR OR PVC DESIGNED TO FIT STANDARD SASH BLOCK. WEEP HOLES: WEEPVENT BY MORTAR NET SOLUTIONS OR APPROVED EQUAL.

MORTAR NET: INSTALL 10" HIGH BY 2" WIDE SAWTOOTH MORTAR NET WITH INSECT SHIELD. PROVIDE AT WALL BASE AND STRUCTURAL STEEL LINTELS. AIR AND WATER BARRIER TRANSITION FLASHING AS SPECIFIED IN DIVISION 7. RIGID XPS INSULATION AS SPECIFIED IN DIVISION 7.

BOND-BREAKER STRIPS: ASPHALT-SATURATED FELT COMPLYING W/ ASTM D 226. a. LIGHTWEIGHT AGGREGATE

TO REMOVE EXCESS MORTAR.

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

CONCAVE. FLASHING: INSTALL CONTINUOUS THRU-WALL FLASHING AND DRIP PLATE AT ALL SHELF ANGLES, LINTELS, LEDGES, AND OTHER OBSTRUCTIONS TO THE DOWNWARD FLOW OF WATER. DRIP PLATE SHALL BE PLACED ON A SLOPING BED OF MORTAR AND SHALL EXTEND 1/4" BEYOND FACE OF MASONRY WITH HEMMED LEADING EDGE. JOINTS IN

FLASHING SHALL BE SEALED AND 2" HIGH DAMS SHALL BE FORMED AT END OF FLASHING. WEEP HOLES: PROVIDE AT 24" O.C. AT ALL THRU-WALL FLASHINGS. 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. EXPANSION JOINTS: PROVIDE CLOSED CELL PREMOLDED FILLER STRIP, FOAM BACKER

ROD AND SEALANT COMPLYING WITH ASTM C920, GRADE NS, USE M, CLASS 50. CLEANING: CLEAN MASONRY AS THE WORK PROGRESSES AND WHEN MORTAR IS THOROUGHLY SET AND CURED, CLEAN WITH A PROPRIETARY CLEANER APPROVED BY BRICK MANUFACTURER 044313 ADHERED MANUFACTURED STONE VENEER

PRODUCT DATA

SAMPLES FOR EACH COLOR AND TEXTURE AND MORTAR SHOP DRAWINGS INDICATING DIMENSIONS, JOINT LOCATIONS, RUSTICATION, EDGE CONDITIONS, EMBED LOCATIONS, AND ANCHORAGE DETAILS.

MANUFACTURER QUALIFICATIONS

MATERIAL TEST REPORTS: FOR EACH MIX BASED ON ASTM C 1670 MOCK-UP AS INDICATED

MANUFACTURED STONE: BASIS OF DESIGN: CORONADO STONE PRODUCTS SPLIT

LIMESTONE 6" X 30" AND 3". a. COMPLY WITH ASTM C1364 SHALL BE RESISTANT TO FREEZING AND THAWING

SLOPE EXPOSED HORIZONTAL SURFACES 1:12 TO DRAIN PROVIDE DRIPS ON PROJECTING ELEMENTS UNLESS OTHERWISE NOTED. COLORS & TEXTURES; AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE INCLUDING PREMIUM COLORS.

JOINTS TO ALIGN WITH ADJACENT MULLIONS **CONFORM WITH ANSI 118.4** PORTLAND CEMENT ASTM C 150, TYPE I OR TYPE II, EXCEPT TYPE III MAY BE USED

FOR COLD WEATHER CONSTRUCTION; NATURAL COLOR OR WHITE CEMENT MAY BE USED AS REQ'D TO PRODUCE MORTAR COLOR. AGGREGATE: ASTM C 144, FOR POINTING MORTAR, USE AGGREGATE GRADED WITH 100 % PASSING NO. 16 SIEVE.

WATER: POTABLE COLOR: TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE, INCLUDING PREMIUM COLORS

D. <u>ACCESSORIES</u>

EMBEDED FLASHING MATERIALS: METAL FLASHING: COMPLY WITH SMACNA, AND AS FOLLOWS: STAINLESS STEEL: ASTM A 240/A 240M, TYPE 304, 0.016" THICK

WEEP PRODUCTS: a. MESH WEEP HOLES: FREE-DRAINING MESH, MADE FROM POLYETHYLENE STRANDS, FULL WIDTH OF HEAD JOINT AND 2" HIGH BY THICKNESS OF MASONRY, COLOR SELECTED FROM MFR'S FULL RANGE.

EXPANDED METAL LATH: a. 3.4 LB/SQ YD, SELF-FURRING, DIAMOND-MESH LATH COMPLYING WITH ASTM C 847 FABRICATE FROM STRUCTURAL-QUALITY, ZINC-COATED (GALVANIZED) STEEL SHET COMPLYING WITH ASTM A 653/A 653M, G60. WATER RESISTANT BARRIER: PER DIVISION 7

WEEP SCREED: PVC MATERIAL MEETING ASTM D 1784 b. COLOR: SELECTED FROM MFR'S FULL RANGE.

1. ARRANGE STONE TO PRODUCE PATTERN PIECES OF THICKNESS, SIZE AND SHAPE GUAGE BACKS OF STONES FOR ADHERED VENEER IF MORE THAN 81 SQ IN. IN AREA THICKNESS OF STONE: PROVIDE THICKNESS INDICATED BUT NOT LESS THAN THE

FOLLOWING: 2" PLUS/MINUS 1/2" 4. FINISH EXPOSED STONE FACES AND EDGES TO COMPLY WITH REQUIREMENTS INDICATED FOR FINISH AND TO MATCH APPROVED SAMPLES.

DO NOT USE ADMIXTURES UNLESS OTHERWISE INDICATED.

DO NOT USE CALCIUM CHLORIDE USE PORTLAND CEMENT-LIME MORTAR UNLESS OTHERWISE INDICATED. MIXING POINTING MORTAR: THOROUGHLY MIX CEMENTITIOUS AND AGGREGATE MATERIALS TOGETHER BEFORE ADDING WATER. MIX AGAIN, ADDING ONLY ENOUGH WATER TO PRODUCE DAMP, UNWORKABLE MIX THAT WILL RETAIN ITS FORM WHEN PRESSED INTO A BALL. MAINTAIN MORTAR IN THIS DAMPENED CONDITION FOR ONE TO TWO HOURS. ADD REMAINING WATER IN SMALL PORTIONS UNTIL MORTAR REACHES REQUIRED CONSISTENCY. USE MORTAR W/IN 30 MIN OF FINAL MIXING; DO NOT RETEMPER OR USE PARTIALLY HARDENED MATERIAL.

MORTAR FOR SETTING STONE MASONRY: COMPLY WITH ANSI 118.1 OR ANSI 118.3 MORTAR FOR SCRATCH COAT OVER METAL LATH OR UNIT MASONRY: TYPE S MORTAR

PROVIDE SEALANT JOINTS OF WIDTHS AND AT LOCATIONS INDICATED. KEEP SEALANT JOINT FREE OF MORTAR AND OTHER RIGID MATERIALS. SEAL JOINTS AS SPECIFIED IN DIV.

2. INSTALL EMBEDDED FLASHING AND WEEP HOLES AT SHELF ANGLES, LINTELS, LEDGES, AND OTHER OBSTRUCTIONS TO DOWNWARD FLOW OF WATER IN WALL AND WHERE a. AT MULTI-WYTHE MASONRY WALLS, EXTEND FLASHING THROUGH STONE MASONRY,

TURNED UP MIN. 16". AND EXTEND INTO OR THRU INNER WYTHE. AT CONCRETE BACKING, EXTEND FLASHING THROUGH STONE MASONRY, TURNED UP MIN. 12", AND INSERT IN REGLET PER DIV 7. AT ENDS OF HEAD AND SILL FLASHING, TURN UP NOT LESS THAN 2" TO FORM END

EXTEND SHEET METAL FLASHING 1/2" BEYOND MASONRY FACE AT EXTERIOR, AND TURN FLASHING DOWN TO FORM A DRIP.

INSTALL METAL DRIP EDGES BENEATH FLASHING AT EXT. WALL FACE. STOP FLEXIBLE FLASHING 1/2" BACK FROM EXT. WALL FACE AND ADHERE FLEXIBLE FLASHING TO TOP OF METAL DRIP EDGE.

PLACE WEEP HOLES IN JOINTS WHERE MOISTURE MAY ACCUMULATE. INCLUDING ABOVE SHELF ANGLES AND AT FLASHING. USE MESH WEEP HOLES SPACES 24" O.C.

INSTALL 2 LAYERS OF WATER RESISTANT BARRIER INSTALL NECESSARY WEEP SCREED AT BASE OF WALL AND OVER OPENINGS

INSTALL LATH OVER BUILDING PAPER OR WRAP AND DRAINAGE MATERIAL BY FASTENING THROUGH SHEATHING INTO FRAMING TO COMPLY WITH ASTM C1063 INSTALL LATH OVER UNIT MASONRY AND CONCRETE TO COMPLY WITH ASTM C1063. INSTALL SCRATCH COAT OVER METAL LATH 1/2 - 3/4 INCH THICK TO FULLY ENGAGE LATH COMPLY WITH ASTM C926

COAT 100% OF BACK OF STONE UNITS AND FACE OF SCRATCH COAT WITH CEMENT-PASTE BOND COAT, THEN BUTTER BOTH SURFACES WITH SETTING MORTAR. USE SUFFICIENT SETTING MORTAR SO A SLIGHT EXCESS WILL BE FORCED OUT THE EDGES OF STONE UNITS AS THEY ARE SET. TAP UNITS INTO PLACE, COMPLETELY FILLING SPACE BETWEEN UNITS AND SCRATCH COAT.

RAKE OUT JOINTS FOR POINTING MORTAR TO DEPTH OF NOT LESS THAN 1/2" BEFORE SETTING MORTAR HAS HARDENED. RAKE JOINTS TO UNIFORM DEPTHS WITH SQUARE BOTTOMS AND CLEAN SIDES.

CLEAN STONE MASONRY AS THE WORK PROGRESSES AND WHEN MORTAR IS THOROUGHLY SET AND CURED. CLEAN WITH A PROPRIETARY CLEANER APPROVED BY STONE MANUFACTURER TO REMOVE EXCESS MORTAR.

047200 CAST STONE

PRODUCT DATA. SAMPLES. AND SHOP DRAWINGS INDICATING DIMENSIONS, JOINT LOCATIONS, RUSTICATION, EDGE CONDITIONS, EMBED LOCATIONS, AND ANCHORAGE DETAILS.

MANUFACTURER QUALIFICATIONS: A PLANT CERTIFIED BY THE CAST STONE INSTITUTE.

CAST STONE UNITS: BASIS OF DESIGN: MIDWEST CAST STOME, 3" MININUM THICKNESS

WITH 1/4" / FT SLOPE OR AS INDICATED ON DRAWINGS.

a. COMPLY WITH ASTM C1364 SHALL BE RESISTANT TO FREEZING AND THAWING SLOPE EXPOSED HORIZONTAL SURFACES 1:12 TO DRAIN

PROVIDE DRIPS ON PROJECTING ELEMENTS UNLESS OTHERWISE NOTED. COLORS & TEXTURES: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF STANDARD COLORS.

JOINTS TO ALIGN WITH ADJACENT MULLIONS MORTAR: TYPE N
 COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE, INCLUDING PREMIUM COLORS MATCHING THE STANDARD CAST STONE COLOR

ANCHORS: TYPE 304 STAINLESS STEEL DOWELS: 1/2" DIA. ROUND BARS, TYPE 304 STAINLESS STEEL.

SELECTED.

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"

INSTALL SEALANT TO MATCH CAST STONE (COLOR TO BE SELECTED FROM

12" LONG FIELD APPLIED SAMPLE PRIOR TO COMPLETE INSTALLATION).

CLEANING AND PATCHING:

1. EXPOSED FACES OF CAST STONE UNITS SHALL BE PROTECTED FROM MORTAR AND STAINING DURING CONSTRUCTION. AFTER MORTAR IS THOROUGHLY SET AND CUREI 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

MANUFACTURER'S FULL RANGE OF AVAILABLE COLORS AND SHALL BE VERIFIED FROM A

- END DIVISION 4 -

CHIPS OR BREAKAGE SHALL BE REFABRICATED.

DIVISION 5 - METALS

051200 STRUCTURAL STEEL FRAMING

 SEE STRUCTURAL CONSTRUCTION DOCUMENTS FOR STRUCTURAL STEEL SPECIFICATIONS. 1. 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 PAN STAIRS AND RAILINGS

<u>SUBMITTALS</u>:

1. 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.

1. METAL STAIRS AND RAILINGS SHALL BE DESIGNED BY FABRICATOR TO SUPPORT CODE-REQUIRED LOADING AND TO MATCH THE CONFIGURATIONS INDICATED IN THE

FABRICATE ITEMS IN LARGEST PRACTICAL SECTIONS FOR DELIVERY TO SITE WITH JOINTS TIGHTLY FITTED AND SECURED WITH EXPOSED JOINTS WELDED AND GROUND FLUSH AND

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 PAINT.

SECTION 057300 - DECORATIVE METAL RAILINGS 1.1 SUMMARY

A. Section Includes: Aluminum decorative railings. Stainless steel decorative railings at exterior public sidewalk/stair 1.2 ACTION SUBMITTALS

A. Product Data: For the following: Manufacturer's product lines of railings assembled from standard components.

Grout, anchoring cement, and paint products B. Shop Drawings: Include plans, elevations, sections, and attachment details. Samples: For each type of exposed finish required. Delegated-Design Submittal: For installed products indicated to comply with performance requirements and

for their preparation. 1.3 INFORMATIONAL SUBMITTALS Qualification Data: For professional engineer.

B. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, according to ASTM E 894 and ASTM E 935. Preconstruction test reports

design criteria, including analysis data signed and sealed by the qualified professional engineer responsible

D. Evaluation Reports: For post-installed anchors, from ICC-ES. 1.4 MANUFACTURERS

Manufacturers: Subject to compliance with requirements, provide products by the following: Aluminum decorative railings Basis of Design: C. R. Laurence Architectural Products, CRL Aluminum Railing System Surface Mount Vertical Post, Series 200 Top Cap with 90 degree corners and 3/4" Square Pickets in Stainless-Steel Decorative Railings:

 Basis of Design: CRL Hand Railing Systems, 2" brushed stainless steel posts with HR20ARBS Post Mounted Adjustable Radius Saddle Handrail Support and Concealed Mounting Lug or approved B. Product Options: Information on Drawings and in Specifications establishes requirements for system's aesthetic effects and performance characteristics.

1. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's 1.5 PERFORMANCE REQUIREMENTS

Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design railings, including attachment to building construction. B. Structural Performance: Railings, including attachment to building construction, shall withstand the effects of g ravity loads and the following loads and stresses within limits and under conditions indicated:

Handrails and Top Rails of Guards: Uniform load of 50 lbf/ft. (0.73 kN/m) applied in any direction. Concentrated load of 200 lbf (0.89 kN) applied in any direction. Uniform and concentrated loads need not be assumed to act concurrently.

Concentrated load of 50 lbf (0.22 kN) applied horizontally on an area of 1 sq. ft. (0.093 sq. m). Infill load and other loads need not be assumed to act concurrently. 1.6 METALS, GENERAL

A. Brackets, Flanges, and Anchors: Same metal and finish as supported rails unless otherwise indicated. 1.7 ALUMINUM A. Aluminum, General: Provide alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with strength and durability properties for each aluminum form required not less

than that of alloy and temper designated below. Extruded Bars and Shapes, Including Extruded Tubing: ASTM B 221 (ASTM B 221M), Alloy 6063-T5/T52. Tubing: ASTM A 554, Grade MT 304. Pipe: ASTM A 312/A 312M, Grade TP 304.

Castings: ASTM A 743/A 743M, Grade CF 8 or CF 20. 1.9 FASTENERS A. Fastener Materials: Unless otherwise indicated, provide the following: Aluminum Components: Type 304 stainless-steel fasteners. Stainless-Steel Components: Type 304 stainless-steel fasteners.

Dissimilar Metals: Type 304 stainless-steel fasteners. Post-Installed Anchors: Fastener systems with working capacity greater than or equal to the design load, according to an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC193 or ICC-ES AC308. Material for Exterior Locations and Where Stainless Steel Is Indicated: Alloy Group 1 (A1) stainlesssteel bolts, ASTM F 593 (ASTM F 738M), and nuts, ASTM F 594 (ASTM F 836M).

1.10 MISCELLANEOUS MATERIALS Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187/D 1187M. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107/C 1107M. Provide grout specifically recommended by manufacturer for interior and exterior applications.

1.11 FABRICATION A. General: Fabricate railings to comply with requirements indicated for design, dimensions, member sizes and spacing, details, finish, and anchorage.

Mechanical Connections: Connect members with concealed mechanical fasteners and fittings. Fabricate members and fittings to produce flush, smooth, rigid, hairline joints. Form changes in direction by inserting prefabricated elbow fittings. Close exposed ends of hollow railing members with prefabricated end fittings

Provide wall returns at ends of wall-mounted handrails unless otherwise indicated. G. Brackets, Flanges, Fittings, and Anchors: Provide wall brackets, flanges, miscellaneous fittings, and anchors to interconnect railing members to other work unless otherwise indicated. 1.12 ALUMINUM FINISHES A. Baked-Enamel or Powder-Coat Finish: AAMA 2603 except with a minimum dry film thickness of 1.5 mils.

A. Directional Satin Finish: No. 4. PART 2 - EXECUTION

1.13 STAINLESS-STEEL FINISHES

Color and Gloss: Per basis of design.

2.1 INSTALLATION A. Fit exposed connections together to form tight, hairline joints. B. Perform cutting, drilling, and fitting required for installing railings. Set railings accurately in location, alignment, and elevation; measured from established lines and levels and free of rack.

Set posts plumb within a tolerance of 1/16 inch in 3 feet (2 mm in 1 m). Align rails so variations from level for horizontal members and variations from parallel with rake of steps and ramps for sloping members do not exceed 1/4 inch in 12 feet (5 mm in 3 m). Control of Corrosion: Prevent galvanic action and other forms of corrosion by insulating metals and other materials from direct contact with incompatible materials. Coat concealed surfaces of aluminum that will be in contact with grout, concrete, masonry, wood, or

dissimilar metals, with a heavy coat of bituminous paint. D. Use steel pipe sleeves preset and anchored into concrete for installing posts. After posts have been inserted into sleeves, fill annular space between post and sleeve with nonshrink, nonmetallic grout. Form or core-drill holes not less than 5 inches (125 mm) deep and 3/4 inch (20 mm) larger than OD of post for installing posts in concrete. Clean holes of loose material, insert posts, and fill annular space between

post and concrete with nonshrink, nonmetallic grout. Anchor posts to metal surfaces with flanges, angle type, or floor type as required by conditions, connected to posts and to metal supporting members. Anchor railing ends to concrete and masonry with brackets on underside of rails connected to railing ends and anchored to wall construction with anchors and bolts.

H. Attach handrails to walls with wall brackets. Use type of bracket with flange tapped for concealed anchorage to threaded hanger bolt. Locate brackets as indicated or, if not indicated, at spacing required to support structural loads.

Secure wall brackets to building construction as follows: For concrete and solid masonry anchorage, use drilled-in expansion shields and hanger or lag bolts For hollow masonry anchorage, use toggle bolts.

For wood stud partitions, use hanger or lag bolts set into wood backing between studs. Coordinate with carpentry work to locate backing members. Touchup Painting: Immediately after erection, clean field welds, bolted connections, and abraded areas of shop paint, and paint exposed areas with the same material used for shop painting to comply with SSPC-PA 1 for touching up shop-painted surfaces.

END OF SECTION 057300

DIVISION 6 - WOOD AND PLASTICS

061000 ROUGH CARPENTRY

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

PRODUCT DATA FOR TREATED WOOD, ENGINEERED WOOD PRODUCTS, FOAM PLASTIC SHEATHING, AND BUILDING WRAP. B. <u>LUMBER</u>: PROVIDE S4S, 19 PERCENT MAXIMUM MOISTURE CONTENT FOR 2-INCH NOMINAL

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,

THICKNESS OR LESS, MARKED WITH GRADE STAMP OF INSPECTION AGENCY OF THE FOLLOWING

PANEL PRODUCTS: DOC PS 2. PROVIDE PLYWOOD COMPLYING WITH DOC PS 1 WHERE PLYWOOD S INDICATED AND AS FOLLOWS: WALL SHEATHING: a. PLYWOOD: EXTERIOR OR EXPOSURE 1, STRUCTURAL I, FIRE RETARDANT-TREATED

GLASS-MAT GYPSUM: ASTM C 1177/C 1177M EXTRUDED POLYSTYRENE FOAM: ASTM C 578, TYPE IV WITH T&G OR SHIPLAP LONG

d. 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. TELEPHONE AND ELECTRICAL EQUIPMENT BACKING BOARDS: PLYWOOD, EXPOSURE 1, C-D

PLUGGED, FIRE RETARDANT TREATED, 1/2" THICK. D. 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 WATERPROOFING

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

E. <u>FIRE-RETARDANT TREATED MATERIALS</u>: COMPLY WITH PERFORMANCE REQUIREMENTS IN AWPA 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: AT TYPE I CONSTRUCTION

BLOCKING IN WALLS INTERIOR RATED: TELEPHONE AND ELECTRICAL EQUIPMENT BACKING BOARDS 4. 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

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.

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

FRAME OPENINGS WITH TWO OR MORE STUDS AT EACH JAMB AND SUPPORT HEADERS ON

STAGGERED AND SHEET ENDS OVER FIRM BEARING. PROVIDE PANELS CLIPS BETWEEN

SAMPLES OF FINISH MATERIALS, CATALOG CUTS OF HARDWARE, AND SHOP DRAWINGS

INSTALL WALL SHEATHING PERPENDICULAR TO TO WALL STUDS WITH ENDS OVER FIRM BEARING AND STAGGERED 10. INSTALL FLOOR SHEATHING PERPENDICULAR TO FLOOR JOISTS WITH ENDS OVER FIRM BEARING. GLUE AND NAIL SHEATHING TO EACH JOIST.

ROOF FRAMING MEMBERS AND SOLID EDGE BLOCKING BETWEEN SHEETS.

064023 INTERIOR ARCHITECTURAL WOODWORK

SPECIFICALLY DETAILED.

B. QUALITY ASSURANCE: ARCHITECTURAL WOODWORK INSTITUTE'S "ARCHITECTURAL WOODWORK

INCLUDING DIMENSIONED PLANS, ELEVATIONS, AND SECTIONS.

HARDBOARD: AHA A235.4 MEDIUM DENSITY FIBERBOARD (MDF): ANSI A208.2, GRADE MD, MADE WITH BINDER

PULLS: AS SPECIFIED ON DRAWINGS

NO UREA FORMALDEHYDE.

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

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

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 d. DOOR AND DRAWER LOCKS: BHMA A156.11

GROMMETS: MOLDED PLASTIC WITH CAPS; FURNISH IN COLOR AND LOCATIONS AS

DRAWER SLIDES: SIDE-MOUNTED, ZINC-PLATED FULL EXTENSION STEEL DRAWER

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

MEMBERS, EXCEPT WHERE ENDS WILL BE EXPOSED IN FINISHED WORK. INTERIOR STANDING AND RUNNING TRIM FOR TRANSPARENT FINISH CASING: PRIMED FINGER JOINT, PACIFIC MUTUAL DOOR, PR 473 OR EQUAL (9/16"X2-1/4") WINDOW SILL: PRIMED FINGER JOINT, 9/16" X DEPTH OF SILL TO WINDOW FRAME. BASE: PRIMED FINGER JOINT, PACIFIC MUTUAL DOOR, PR 4148 OR EQUAL (7/16"X4-1/4")

a. PROVIDE SHOE AT HARD SURFACE FLOORING.

WOOD CABINETS FOR TRANSPARENT FINISH:

1. GRADE: PREMIUM

AWI TYPE OF CABINET CONSTRUCTION: FLUSH OVERLAY VENEER MATCHING: BALANCE MATCHED VENEER SPECIES AND CUT: PER DRAWINGS, WITH VENEER ON ALL EXPOSED AND SEMIEXPOSED SURFACES.

CABINET INTERIORS: BLACK MELAMINE WITH DARK VENEERS, WHITE MELAMINE FOR LIGHT

VENEERS (CONFIRM WITH ARCHITECT) SHELVING AND SUPPORTS: HIGH PRESSURE LAMINATE TO MATCH MELAMINE SUPPORTED ON STAINLESS STL. PINS

B. <u>LAMINATE-CLAD CABINETS AND COUNTERTOPS:</u> AWI TYPE OF CABINET CONSTRUCTION: FLUSH OVERLAY, UNLESS NOTED OTHERWISE ON DRAWINGS

LAMINATE CLADDING: a. VERTICAL SURFACES: HGS UNLESS NOTED BELOW ELEVATOR CABS: FIRE RATED LAMINATE 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 POSTFORMED SURFACES: HGP EDGES: HGS 4. 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 C. FLUSH WOOD PANELING FOR TRANSPARENT FINISH:

PERMITTED)

STAINING AND FINISHING.

VENEER MATCHING: SLIP AND BALANCE VENEER SPECIES AND CUT: PER DRAWINGS WITH VENEER ON ALL FACES AND PANEL EDGES. 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.

EXCESS. TINT FILLER TO MATCH STAINED WOOD. FINISH WITH AWI SYSTEM ITR-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

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

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

AFTER STAINING, IF ANY, APPLY PASTE WOOD FILLER TO OPEN-GRAIN WOODS AND WIPE OFF

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 MEMBERS. ANCHOR PANELING WITH CONCEALED PANEL-HANGER CLIPS AND BY BLIND NAILING ON

BACK-UP STRIPS, SPLINE-CONNECTION STRIPS, AND SIMILAR ASSOCIATED TRIM AND

- END DIVISION 6 -

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

CONDITIONS OF SPACE WHERE INSTALLED.

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

SUBMITTALS: PRODUCT DATA AND PRODUCT TEST REPORTS A. QUALITY ASSURANCE: 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. SEE CONSTRUCTION DOCUMENTS

1. 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. PROTECTION COURSE: BASIS OF DESIGN CCW-PROTECTION BOARD

PERIMETER DRAINAGE SYSTEM: BASIS OF DESIGN - CCW MIRADRAIN HC. PROVIDE CLEAN, DUST-FREE, AND DRY SUBSTRATES FOR WATERPROOFING APPLICATION.

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.

AND PENETRATIONS THROUGH WATERPROOFING ACCORDING TO ASTM D 6135.

REMOVE FINS, RIDGES, MORTAR, AND OTHER PROJECTIONS AND FILL HONEYCOMB,

PREPARE, PRIME, AND TREAT INSIDE AND OUTSIDE CORNERS, TERMINATION, PROTRUSIONS

APPLY PRIMER TO SUBSTRATES AT REQUIRED RATE, ALLOW TO DRY, AND INSTALL SELF-

OVER PROTECTION COURSE WITHOUT PENETRATING WATERPROOFING. LAP EDGES AND

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

PROTECT WATERPROOFING SYSTEM FROM DAMAGE DURING CONSTRUCTION.

072100 THERMAL INSULATION

ENDS OF GEOTEXTILE.

A. <u>SUBMITTALS:</u> PRODUCT DATA FOR EACH TYPE OF INSULATION SPECIFIED

FLAME SPREAD INDEX: 25 OR LESS SMOKE DEVELOPED INDEX: 50 OR LESS IN EXPOSED AREAS AND PLENUMS; 450 OR LESS

EXTRUDED POLYSTYRENE RIGID (XPS) BOARD INSULATION: a. LOCATIONS: TO BE USED BELOW PENTHOUSE BELOW GRADE. REFER TO SHEET A0.05 FOR EXTERIOR WALL ASSEMBLY INFORMATION b. 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

CONSTRUCTION DOCUMENTS POLYISOCYANURATE (POLYISO) FOAM RIGID BOARD INSULATION a. LOCATION: TO BE USED IN METAL COMPOSITE PANEL WALL ASSEMBLY REFER TO SHEET A0.05 FOR WALL ASSEMBLY INFORMATION PRODUCT: DOW "THERMAX" (CI) EXTERIOR INSULATION OR APPROVED EQUAL

FIRE PROPAGATION: MEETS NFPA 285 IN APPROVED WALL ASSEMBLIES R-VALUE: MIN. R7.5, AS INDICATED IN CONSTRUCTION DOCUMENTS. GLASS FIBER BLANKET INSULATION: MEETS NFPA 285 IN APPROVED ASSEMBLIES TYPE I, UNFACED AT LOCATIONS BELOW FUTURE CEILING HEIGHT TYPE III, CLASS A, FOIL-SCRIM VAPOR RETARDER MEMBRANE FACED EXTENDING

FROM FUTURE CEILING HEIGHT TO UNDERSIDE OF DECK.

CLASSIFICATION: ASTM C1289, TYPE 1, CLASS 2

PROVIDE 6LB/CF MINERAL ROCK WOOL AT ALL HOLLOW METAL DOOR FRAMES. PROVIDE 4 LB/CF MINERAL ROCK WOOL AT WINDOW HEAD LOCATIONS IN BRICK CAVITY WALL AND CONT. AT EA. FLOOR LINE WHERE STUD FRAMING IS CONTINUOUS PAST FLOOR SLAB.

INSTALL PER MANUFACTURER'S RECOMMENDATION AND AS FOLLOWS: a. INSTALL INSULATION IN AREAS AND IN THICKNESSES INDICATED OR REQUIRED TO PRODUCE R-VALUES WHERE INDICATED. CUT AND FIT TIGHTLY AROUND OBSTRUCTIONS AND FILL VOIDS WITH INSULATION.

SHOP DRAWINGS, INCLUDING DETAILS FOR SUBSTRATE JOINTS AND CRACKS,

FOIL/SCRIM AT PLENUMS AND EXPOSED AREAS - FLAME SPREAD 25/ SMOKE DEVELOPED 50

COUNTERFLASHING STRIPS, PENETRATIONS, INSIDE/OUTSIDE CORNERS, TERMINATIONS AND

072726 FLUID-APPLIED MEMBRANE AIR BARRIERS

PRODUCT DATA AND PRODUCT TEST REPORTS

TIE-INS WITH ADJOINING CONTRUCTION. B. <u>QUALITY ASSURANCE:</u> INSTALLER QUALIFICATIONS: AUTHORIZED, APPROVED, OR LICENSED BY

VATERPROOFING, INC. MEDIUM-BUILD, VAPOR PERMEABLE AIR BARRIER: SYNTHETIC POLYMER MEMBRANE WITH AN

INSTALLED DRY FILM THICKNESS. ACCORDING TO MFR'S WRITTEN INSTRUCTIONS, OF 30 MILS OR THICKER OVER SMOOTH, VOID-FREE SUBSTRATE. PERFORMANCE CRITERIA: FLAME SPREAD: <25, ASTM E 84 VAPOR PERMEANCE: NOT LESS THAN 10 PERMS, ASTM E-96, METHOD B

PRODUCTS: BASIS OF DESIGN: BARRITECH VP AND ACCESSORIES BY CARLISLE COATINGS &

AIR PERMEANCE: MAXIMUM 0.004 cfm/sq. ft. OF SURFACE AREA AT 1.57-lbf/sq. ft.. FASTENER SEALABILITY: NO WATER LEAKING THROUGH NAIL PENETRATIONS AFTER 24 HOURS, ASTM D 1970 WATER RESISTANCE: 55 cm COL. OF WATER FOR 5 HOURS, NO LEAKING OR WET f. FIRE PROPAGATION: MEETS REQUIREMENTS OF NFPA 285 IN APPROVED TESTED WALL

ACCESSORIES: PROVIDE THE FOLLOWING PRODUCT ACCESSORIES OR APPROVED EQUALS FROM SAME MANUFACTURER AS AIR-BARRIER MEMBRANE. PRIMERS, TRANSITION STRIPS, TERMINATION STRIPS, JOINT REINFORCING FABRIC AND STRIPS, JOINT SEALANTS, COUNTERFLASHING STRIPS, FLASHING SHEETS AND METAL TERMINATION BARS, TERMINATION MASTIC, SUBSTRATE PATCHING MATERIALS, ADHESIVES, TAPES, FOAM SEALANTS, LAP SEALANTS, AND OTHER ACCESSORY MATERIALS THAT ARE RECOMMENDED IN WRITING BY AIR-BARRIER MFR TO PRODUCE A COMPLETE AIR-BARRIER ASSEMBLY AND THAT ARE COMPATIBLE WITH PRIMARY AIR-BARRIER MATERIAL AND

ADJACENT CONSTRUCTION TO WHICH THEY MAY SEAL. INSTALLATION: AIR BARRIERS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S NSTALLATION INSTRUCTIONS, THE APPLICABLE ICC-ES EVALUATION REPORT AND THE APPLICABLE

ACCOMODATES JOINT MOVEMENT ACCORDING TO MFR'S WRITTEN INSTRUCTIONS AND

INSTALL TRANSITION STRIPS AT WALL OPENINGS, ROOF TRANSITIONS, BASE FLASHING SO THAT A MIN. OF 3" OF COVERAGE IS ACHIEVED OVER SUBSTRATE. BRIDGE ISOLATION JOINTS, EXPANSION JOINTS, AND DISCONTINUOUS WALL-TO-WALL, DECK-TO-WALL, AND DECK-TO-DECK JOINTS WITH AIR-BARRIER ACCESSORY MATERIAL THAT

g. UV RESISTANCE: CAN BE EXPOSED FOR 60 DAYS.

TESTING AND INSPECTION: BY OWNER-ENGAGED AGENCY.

INSTALLATION:

COMPOSITE WALL PANELS

COLOR AND FINISH SAMPLES SAMPLE WARRANTY, INCLUDING SPECIAL WARRANTY, MFR AGREES TO REPAIR OR REPLACE PRODUCTS THAT FAIL IN MATERIAL OR WORKMANSHIP WITHIN PERIOD OF 30 YEARS FROM DATE OF SUBSTANTIAL COMPLETION. MANUFACTURER'S DETAILS: SUBMIT DRAWINGS, INCLUDING PLANS, SECTIONS, SHOWING INSTALLATION DETAILS THAT DEMOSTRATE PORDUCT DIMENTIONS, EDGE/TERMINATION

PRODUCT DATA, INSTALLATION INSTRUCTIONS, TEST DATA, SAMPLE WARRANTY

CONDITIONS, COMPRESSION AND CONTROL JOINTS, CORNERS, OPENINGS, AND B. <u>QUALITY ASSURANCE</u>: BUILD MOCKUP OF TYPICAL WALL AREA.

BASIS OF DESIGN: NICHIHA RIBBED. a. GENERAL: ASTM C1186, TYPE A, GRADE II, FIBER-CEMENT BOARD, NONCOMBUSTIBULE WHEN TESTED PER ASTM E136; WITH FLAME-SPREAD INDEX OF 25 OR LESS PER ASTM E84.

LABELING: ACCORDING TO ASTM C1186 BY QUALIFIED TESTING AGENCY.

PROFILE: EACH PANEL HAS 9 RIBS WITH CHAMFERED EDGES, SPACES WITH 10MM

FINISH: MODERATELY TEXTURED RIBS WITH SMOOTH GROOVES. COLOR: CUSTOM COLOR, FACTORY FINISHED, FACTORY SEALED ON 6 SIDES. DIMENSIONS: 17-7/8"X119-5/16" THICKNESS: 5/8"

a. MANUFACTURED CORNERS WITH 3-1/2" RETURNS.

Magnesium alloy coated steel.

Ultimate Clip System: a. Starter Track: Horizontal Panel Installations - FA 700 – 3,030mm (I) galvalume coated steel. Vertical Panel Installations (AWP-3030 only) – FA 710T – 3,030mm (I) galvalume coated b. Panel Clips: JEL 778 "Ultimate Clip II" (10mm rainscreen for 16mm AWP) – Zinc-Aluminum-

 Joint Tab Attachments (included) – used at all AWP-1818 panel to panel vertical joints – NOT used with AWP-3030 installations. Corner Clips: JE 777C (10mm rainscreen for 5/8" AWP Manufactured Corners) -- Zinc-Aluminum-Magnesium alloy coated steel. Single Flange Sealant Backer – FHK 1015 R (10mm) – 6.5' (I) fluorine coated galvalume.

Double Flange Sealant Backer – FH 1015 R (10mm) – 10' (I) fluorine coated galvalume. Corrugated Spacer – FS 1005 (5mm), FS 1010 (10mm) – 4' (I). Aluminum Trim (optional): Paint primed trim as specified in finish schedule. Essential Flashing System (optional): Starter – main segments (3,030mm), inside corners, outside corners

Overhang – main segments (3,030mm), inside corners, outside corners, joint clips Fasteners: Corrosion resistant fasteners, such as hot-dipped galvanized screws appropriate to local building codes and practices must be used. Use Stainless Steel fasteners in high humidity and highmoisture regions. Panel manufacturer is not liable for corrosion resistance of fasteners. Do manufacturer's instructions for appropriate fasteners for construction method used. Flashing: Flash all areas specified in manufacturer's instructions. Do not use raw aluminum flashing.

Flashing must be galvanized, anodized, or PVC coated. Sealant: Sealant shall comply with ASTM C920, Class 35.

PARAGON STAR NORTH VILLAGE

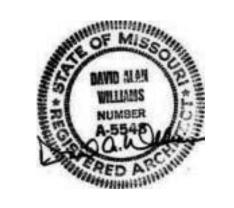
3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08

Issued For: FOR CONSTRUCTION REVISIONS

3 7.20.22 ADDENDUM 2 _____ _____

REGISTRATION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE **GBA ENGINEERS**

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LATIMER SOMMERS

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ARCHITECTURE

SPECIFICATIONS

SHEET TITLE **PROJECT**

074646 FIBER-CEMENT SIDING

- PRODUCT DATA, INSTALLATION INSTRUCTIONS, TEST DATA, SAMPLE WARRANTY
- COLOR AND FINISH SAMPLES SAMPLE WARRANTY, INCLUDING SPECIAL WARRANTY, MFR AGREES TO REPAIR OR REPLACE PRODUCTS THAT FAIL IN MATERIAL OR WORKMANSHIP WITHIN PERIOD OF 30
- QUALITY ASSURANCE: BUILD MOCKUP OF TYPICAL WALL AREA AS SHOWN ON DRAWINGS
- PRODUCTS: BASIS OF DESIGN JAMES HARDIE LAB SIDING AND NICHIHA PANELS

 1. FIBER CEMENT SIDING:

YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

- GENERAL: ASTM C1186, TYPE A, GRADE II, FIBER-CEMENT BOARD, NONCOMBUSTIBULE WHEN TESTED PER ASTM E136; WITH FLAME-SPREAD INDEX OF
- 25 OR LESS PER ASTM E84 b. MANUFACTURERS: CERTAINTEED, GAF, JAMES HARDIE, NICHIHA
- LABELING: ACCORDING TO ASTM C1186 BY QUALIFIED TESTING AGENCY. d. HORIZONTAL PLANK SIDING: BOARDS 7-1/4 to 7-1/2 inches (6" Exposure) PLAIN EDGE
- NOMINAL THICKNESS: NOT LESS THAN 5/16"
- TEXTURE: SMOOTH FACTORY PRIMING: MFR'S STANDARD ACRYLIC PRIMER
- GENERAL: ASTM C1186, TYPE A, GRADE II, FIBER-CEMENT BOARD, NONCOMBUSTIBULE WHEN TESTED PER ASTM E136; WITH FLAME-SPREAD INDEX OF
- 25 OR LESS PER ASTM E84
- b. MANUFACTURERS: CERTAINTEED, GAF, JAMES HARDIE, NICHIHA NOMINAL THICKNESS: NOT LESS THAN 5/16"
- d. PATTERN: 12 inch, 16 inch or 24 inch creating the fewest joints. TEXTURE: SMOOTH e. FACTORY PRIMING: MFR'S STANDARD ACRYLIC PRIMER

ACCESSORIES:

SIDING ACCESSORIES, GENERAL: PROVIDE STARTER STRIPS, EDGE TRIM, OUTSIDE AND INSIDE CORNER CAPS, AND OTHER ITEMS AS RECOMMENDED BY SIDING MANUFACTURER

- FOR BUILDING CONFIGURATION. 2. FLASHING: PROVIDE ALUMINUM FLASHING COMPLYING WITH DIV 7.
- a. FINISH FOR ALUMINUM FLASHING: FACTORY-PRIME COATING
- FASTENERS: a. FOR FASTENING TO WOOD, USE SIDING NAILS OF SUFFICIENT LENGTH TO
- PENETRATE MIN. 1" INTO FRAMING FOR FASTENING TO METAL, USE RIBBED BUGLE-HEAD SCREWS OF SUFFICIENT LENGTH TO PENETRATE MIN. 1/4" OR THREE SCREW-THREADS INTO SUBSTRATE.
- c. FOR FASTENING FIBER CEMENT, USE HOT-DIP GALVANIZED FASTENERS. INSECT SCREEN FOR SOFFIT VENTS: ALUMINUM 18X16 MESH. CONT. SOFFIT VENTS: ALUM, HAT CHANNEL SHAPE
- a. NET-FREE AREA 8 SQ.IN./LF b. FINISH:

GENERAL: COMPLY WITH MFR'S WRITTEN INSTALLATION INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATIONS INDICATED UNLESS MORE STRINGENT REQUIREMENTS

a. INSTALL FASTENERS NO MORE THAN 24" b. INSTALL JOINT SEALANTS AS SPECIFIED IN DIVISION 7.

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
 - WARRANTY FROM THE ROOFING SUBCONTRACTOR. 2. <u>EXTERIOR FIRE TEST EXPOSURE</u>: ASTM E 108, CLASS B.

TPO SHEET: ASTM D 6878, TYPE II, SCRIM OR FABRIC INTERNALLY REINFORCED 115 MILS

- a. BASIS OF DESIGN PRODUCT: CARLISLE FLEECEBACK FR TPO OR APPROVED EQUAL 2. AUXILIARY MATERIALS: RECOMMENDED BY ROOFING SYSTEM MANUFACTURER FOR INTENDED USE AND AS FOLLOWS
- a. SHEET FLASHING: 60 MIL WHITE. BONDING ADHESIVE: TYPE AS RECOMMENDED BY MANUFACTURER
- MISCELLANEOUS ACCESSORIES: PROVIDE POURABLE SEALERS, PREFORMED CONE AND VENT SHEET FLASHINGS, PREFORMED INSIDE AND OUTSIDE CORNER SHEET FLASHINGS, T-JOINT COVERS, LAP SEALANTS, TERMINATION REGLETS, AND OTHER

D. <u>ROOF INSULATION</u>

- THERMAL ROOF INSULATION LOCATED WITHIN ROOF STRUCTURE SPECEIFIED ELSEWARE. FABRICATE TAPERED INSULATION WITH SLOPE OF 1/4"/FOOT UNLESS OTHERWISE
- PROVIDE PREFORMED SADDLES, CRICKETS, TAPERED EDGE STRIOS, AND OTHER INSULATION SHAPES WHERE INDICTED FOR SLOPING TO DRAIN. FABRICATE TO SLOPES

INSTALLATION: MECHANICALLY ATTACHED

- MECHANICALLY FASTEN EACH LAYER OF INSULATION TO DECK UTILIZING FIRESTONE'S "INVISIWELD" SYSTEM ATTACHMENT METHOD OR APPROVED EQUAL SYSTEM. INSTALL TPO SHEET ACCORDING TO ROOFING MANUFACTURER'S WRITTEN INSTRUCTIONS AND AS FOLLOWS:
- a. MEMBRANE SHALL BE UNROLLED ON THE AREA TO BE COVERED AND FASTENED 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 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.
- b. PERIMETER/CORNER ENHANCEMENT: PERIMETER/CORNER FASTENING ENHANCEMENT SHALL BE INSTALLED AT ALL EXTERIOR ROOF PERIMETERS THAT ARE NOT BORDERED BY A PARAPET WALL OR AN ADJOINING BUILDING A MINIMUM 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. c. LAP SPLICE: MEMBRANE SHALL BE OVERLAPPED AND HOT-AIR WELDED WITHOUT ANY
- CONTAMINANTS (ADHESIVE, DIRT, DEBRIS, ETC.) IN THE SEAM. THE ENTIRE LAP EDGE SHALL BE PROBED WITH AN APPROVED SEAM PROBING TOOL AFTER THE SEAM HAS COOLED COMPLETELY TO VERIFY SEAM CONSISTENCY. SEAL EXPOSED EDGES OF

INSTALL SHEET FLASHINGS AND PREFORMED FLASHING ACCESSORIES AND ADHERE TO SUBSTRATES. PROTECT ROOFING FROM DAMAGE AND WEAR DURING REMAINDER OF CONSTRUCTION PERIOD.

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.
- B. 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 ITERFACING AND ADJOINING CONSTRUCTION TO PROVIDE A LEAKPROOF, SECURE, AND NONCORROSIVE INSTALLATION.
- 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. 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 F 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.

THAN 0.0156 INCH (0.4 mm) THICK.

- 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.
- 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.
- AND SEAMS PERMANENTLY WATERTIGHT AND WEATHERPROOF; CONCEAL FASTENERS WHERE POSSIBLE. 2. SECURE FLASHINGS AT ROOF EDGES ACCORDING TO FMG LOSS PREVENTION DATA
- SHEET 1-49 FOR SPECIFIED WIND ZONE. SEALED JOINTS: FORM NON-EXPANSION, BUT MOVABLE, JOINTS IN METAL TO ACCOMMODATE ELASTOMERIC SEALANT TO COMPLY WITY SMACNA STANDARDS USING
- 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

BAYONET TYPE OR INTERLOCKING HOOKED SEAMS.

- B. ROOF ACCESSORIES
- 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: INSULATED SINGLE-LEAF, 36" W X 60" 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
- 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 REFERENCE TO UL DESIGNATIONS AS LISTED IN ITS "FIRE RESISTANCE DIRECTORY", OR TO DESIGNATION OF ANOTHER TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- 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 OT 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 TESTING 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"
- 2. 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 AT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES UNDER SERVICE AND APPLICATION CONDITIONS.
- 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 A TOTAL OF 100% MOVEMENT.
- EXTERIOR TRAFFIC BEARING JOINTS WHERE SLOPE PRECLUDES POURABLE SEALANT: SINGLE COMPONENT. NONSAG URETHANE SEALANT. ASTM C920. TYPE S: GRADE NS: CLASS 25; USES T, NT, M, G, A, AND O.
- 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 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 FOAM" ARE PROHIBITED.
- 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.
- INSTALLATION: COMPLY WITH ASTM C 1193; ASTM C 919 FOR ACOUSTICAL JOINTS; AND AS 1. 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 -

DIVISION 8 - DOOR AND WINDOWS

081113 HOLLOW METAL DOORS AND FRAMES

- PRODUCT DATA SHOP DRAWINGS INCLUDING ELEVATIONS OF EACH DOOR AND FRAME TYPE, DOOR AND
- FRAME DETAILS FOR EACH TYPE. PRODUCT SCHEDULE INDICATING OPENING AND FRAME SIZES CORRESPONDING TO THOSE USED IN CONSTRUCTION DOCUMENTS.
- STEEL DOORS:

 1. INTERIOR DOORS (STANDARD-DUTY): WHERE INDICATED ON SCHEDULE
- COMPLY WITH SDI A250.8, LEVEL 1; SDI A250.4, LEVEL C TYPE: AS INDICATED IN DOOR AND FRAME SCHEDULE
- THICKNESS: 1 3/4" FACE: UNCOATED STEEL SHEET, MIN. 0.032" THICK EDGE CONSTRUCTION: MODEL 1, FULL FLUSH
- INTERIOR DOORS (HEAVY-DUTY): WHERE INDICATED ON SCHEDULE COMPLY WITH SDI A250.8, LEVEL 2; SDI A250.4, LEVEL B
- TYPE: AS INDICATED IN DOOR AND FRAME SCHEDULE THICKNESS: 1 3/4" FACE: UNCOATED STEEL SHEET, MIN. 0.042" THICK
- EDGE CONSTRUCTION: MODEL 1, FULL FLUSH

JOINTS AGAINST WATER PENETRATION

CORE FOR FIRE-RATED DOORS

- 3. EXTERIOR DOORS (EXTRA-HEAVY-DUTY): WHERE INDICATED ON SCHEDULE COMPLY WITH SDI A250.8, LEVEL 3; SDI A250.4, LEVEL A TYPE: AS INDICATED IN DOOR AND FRAME SCHEDULE
- THICKNESS: 1 3/4" FACE: GALVANIZED STEEL SHEET, MIN. 0.053" THICK, W/ MIN. A60 COATING EDGE CONSTRUCTION: MODEL 1, FULL FLUSH TOP EDGE CLOSURE: CLOSE TOP EDGES OF DOORS WITH SAME MATERIAL. SEAL
- WEEP-HOLE OPENINGS IN BOTTOM OF EXT. DOORS. CORE: POLYISOCYANURATE FIRE RATED CORE: MFR'S STANDARD VERTICAL STEEL STIFFENER W/ INSULATION

BOTTOM EDGES: END CLOSURES OR CHANNELS OF SAME MATERIAL, PROVIDE

- INTERIOR FRAMES: a. FULLY WELDED. COMPLY WITH SDI A250.8, LEVEL 2; SDI A250.4, LEVEL B UNCOATED STEEL SHEET, THICKNESS PER DOOR SCHEDULE EXTERIOR FRAMES:
- FULLY WELDED, COMPLY WITH SDI A250.8, LEVEL 3, SDI A250.4, LEVEL A GALVANIZED STEEL SHEET, W/ MIN. A60 COATING; THICKNESS PER DOOR SCHEDULE
- MATERIALS:
 1. COLD-ROLLED STEEL SHEETS: ASTM A 1008/A 1008M, COMMERCIAL STEEL (CS), TYPE B; SUITABLE FOR EXPOSED APPLICATIONS. HOT-ROLLED STEEL SHEETS: ASTM A1011/A 1011M, COMMERCIAL STEEL (CS), TYPE B;
- FREE OF SCALE, PITTING, OR SURFACE DEFECTS; PICKLED AND OILED. GALVANIZED STEEL SHEETS: ASTM A 653/A 653M, COMMERCIAL STEEL (CS), TYPE B INSERTS, BOLTS, & FASTENERS: HOT-DIP GALVANIZED ACCORDING TO ASTM A 153/A 153/M POWER-ACTUATED FASTERNERS IN CONCRETE: FASTENER SYSTEM OF TYPE SUITABLE
- FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIALS. WITH CLIPS OR OTHER ACCESSORY FOR ATTACHING HOLLOW-METAL FRAMES. MINERAL FIBER INSULATION: ASTM C 665, TYPE I; CONSISTING OF FIBERS MANUFACTURED FROM SLAG OR ROCK WOOL; WITH MAX. FLAME-SPREAD OF 25 AND SMOKE-DEV. INDEX OF
- GLAZING STOPS: NONREMOVABLE ON OUTSIDE OF EXTERIOR DOORS AND/OR SECURE SIDE OF INTERIOR DOORS; SCREW-APPLIED, REMOVABLE GLAZING STOPS ON INSIDE. DOOR SILENCERS: GRAY RUBBER PUSH-IN TYPE; THREE ON STRIKE JAMB OF SINGLE
- DOORS; TWO ON HEAD OF OF DOUBLE DOORS. PLASTER GUARDS: PROVIDE AT MASONRY INSTALLATIONS. SUPPORTS AND ANCHORS: MIN. .042" THICK GALVANIZED STEEL SHEET PRIMER: MANUFACTURER'S STANDARD FACTORY APPLIED COAT OF RUST-INHIBITIVE

50; PASSING ASTM E 136 FOR COMBUSTION CHARACTERISTICS.

FRAMES: COMPLY WITH SDI A250.11 AND INSTALL FIRE-RATED FRAMES PER NFPA 80.

SMOKE CONTROL DOORS: INSTALL ACCORDING TO NFPA 105

DOORS: FIT AND ADJUST HOLLOW-METAL DOORS TO COMPLY WITH THE FOLLOWING: NON-FIRE RATED STEEL DOORS: COMPLY WITH SDI A250.8. FIRE-RATED DOORS: INSTALL WITH CLEARANCES ACCORDING TO NFPA 80.

081416 FLUSH WOOD DOORS

- PRODUCT DATA SAMPLES FOR FACTORY FINISHED DOORS
- SHOP DRAWINGS: INDICATE LOCATION, SIZE AND HAND OF EACH DOOR; ELEVATION OF EACH KIND OF DOOR; CONSTRUCTION DETAILS AND THE FOLLOWING:
- DIMENSIONS AND LOCATIONS OF BLOCKING DIMENSIONS AND LOCATIONS OF MORTISES AND HOLES FOR HARDWARE DIMENSIONS AND LOCATIONS OF CUTOUTS
- UNDERCUTS REQUIREMENTS FOR VENEER MATCHING DOORS TO BE FACTORY FINISHED AND FINISH REQUIREMENTS
- FIRE-PROTECTION RATINGS FOR FIRE-RATED DOORS
- B. QUALITY ASSURANCE: AWI QUALITY CERTIFICATION PROGRAM CERTIFICATES DOORS: SIZES AND TYPE AS INDICATED IN DRAWINGS, COMPLY WITH WDMA I.S.1-A
- GRADE: PREMIUM, WITH GRADE AA FACES SPECIES: AS INDICATED IN DRAWINGS

PRIMER COMPLYING WITH ANSI A250.10.

VENEER MATCHING: BOOK AND RUNNING PAIR MATCHING AND SET MATCHING

CORE: STRUCTURAL COMPOSITE LUMBER

SYSTEM TR-6, CATALYZED POLYURETHANE.

GRADE TO MATCH NON-RATED DOORS.

- CONSTRUCTION: a. INTERIOR VENEER: FIVE OR SEVEN PLY INTERIOR PLASTIC LAMINATE: THREE-PLY FIRE-RATED DOORS: CORE TO PROVIDE FIRE RATING INDICATED WITH FACES AND
- FABRICATION AND FINISHING a. 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
- 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.

- A. SUBMITTALS: PRODUCT DATA, SHOP DRAWINGS, FINISH SAMPLES, AND SAMPLE WARRANTY
- COILING DOORS: DESIGN AND REINFORCE OVERHEAD COILING DOORS TO WITHSTAND CODE-RESCRIBED WIND LOAD PRESSURE BASED ON EXPOSURE. SLATS: GALVANIZED STEEL, FLAT PROFILE, INSULATED

- B. SUBMITTALS
 - Product Data: Manufacturer's data sheets on each product to be used, including: Preparation instructions and recommendations. Storage and handling requirements and recommendations.
- C. SHOP DRAWINGS: Include detailed plans, elevations, details of framing members, required clearances, anchors, and accessories. Include relationship with adjacent
- Installer Qualifications: Company specializing in performing Work of this section with
- WARRANTY: Motor 5 year limited warranty; other components 2 year or 300,000 cycle limited warranty.
- interlocking links to form a pattern. Vertical rod 2 inch (51 mm) on center
 - a. Material: Clear Anodized Aluminum Link, Spacer and Galvanized Steel
 - b. Pattern: Straight lattice; horizontal spacing 9 inches (228 mm) on center. 2. Performance:
- c. Springless direct drive mechanism without chain and sprocket connecting the drive mechanism to the door. d. System cycle of no less than 300,000 cycles
- 3. Motor: Direct drive, integrated gear motor/brake assembly sized for openings. Provide with a manual hand chain for operation during power outages. Operator and drive assembly is factory pre-assembled and provided with all wiring harnesses where required.
- a. Supply Voltage: 220/240V AC, 1-phase, operating range 220-240V. b. Supply Voltage: 230V AC, 3-phase, operating range 208-245V. c. Supply Voltage: 440V/480V AC, 3-phase.
- f. Right hand mount. 4. Control Panel: Provide electronic Variable Frequency drive controller with microprocessor self-diagnostics. LCD readout indicates door action, alarm conditions, and fault conditions. Timer to close programming options and non-resettable cycle counter are included. Enclosure is NEMA 4X rated. Control system is UL508A certified. The junction box is IP67 rated. 5. Door Roll: Directly driven, springless roll shall be steel tube with integral
- shafts, keved on the Drive End and supported by self-aligning grease-able sealed bearings. Door shall not require any counterbalance device. 6. Hood, operator end cover and bracket end cover: Protecting drive motor barrel, chain, and sprocket from dirt and debris and extending between the
- a. Photoelectric sensors that cast an invisible beam across the door opening and reverses the downward motion of the door when an object enters the path of the beam.
- b. Wireless, monitored safety edge reverses downward motion upon c. Built-in brake mechanism to motor assembly eliminates uncontrolled
- Actuators: a. One Open/Close/Stop push button station incorporated into Control c. Radio control.
- h. Motion detectors.
- H. ADJUSTING 1. Test security grilles for proper operation and adjust as necessary to provide proper
- 2. Adjust hardware and operating assemblies for smooth and noiseless operation. 083613 SECTIONAL DOORS (DELETE SECTION)

- INSTALLER QUALIFICATIONS, FABRICATOR QUALIFICATIONS, SOURCE LIMITATIONS PRODUCT DATA FOR EACH SYSTEM SPECIFIED, INCLUDING ACCESSORIES, SEALANTS, AND
- SAMPLES: FULL RANGE OF MANUFUCTURERS STANDARD COLOR, FINISH AND OTHER OPTIONS REQUIRED FOR SELECTION.
- 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,
- MOCK-UP: ON SITE, INCLUDING HEAD, JAMB AND SILL CONDITIONS AND INTERFACE WITH
- COMPREHENSIVE ENGINEERING ANALYSIS BY A QUALIFIED PROFESSIONAL ENGINEER, USING PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA INDICATED.
- BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED. ALUMINUM FRAMED STOREFRONTS: AT INTERIOR LOCATIONS, PROVIDE MANUFACTURER'S STANDARD NON-THERMALLY BROKEN STOREFRONT SYSTEM MATCHING THE EXTERIOR SYSTEM. AT EXTERIOR LOCATIONS, PROVIDE FRONT GLAZED MANUFACTURER'S STANDARD 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:

WITHSTANDING THE FOLLOWING LOADS:

a. 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

STRUCTURAL PERFORMANCE: PROVIDE SYSTEMS, INCLUDING ANCHORAGE, CAPABLE OF

- AIR INFILTRATION: LIMITED TO 0.06 CFM/SQ. FT. (0.03 L/s PER SQ. IN.) OF SYSTEM SURFACE REA WHEN TESTED ACCORDING TO ASTM E 283 AT A STATIC-AIR-PRESSURE DIFFERENCE
- 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 DOORS: 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
- 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. EXTERIOR DOORS: GLAZE WITH INSULATED TEMPERED GLASS UNITS MATCHING STOREFRONT GLASS OR CLEAR INSULATED GLASS PER CONSTRUCTION DRAWINGS.

LOCATIONS, PROVIDE SLIDING WEATHERSTRIPPING RETAINED IN ADJUSTABLE STRIP

PROVIDE COMPRESSION WEATHERSTRIPPING AT FIXED STOPS. AT OTHER

c. HARDWARE: PER DOOR SCHEDULE 6. FASTENERS AND ACCESSORIES: COMPATIBLE WITH ADJACENT MATERIALS, CORROSION-RESISTANT. NONSTAINING, AND NONBLEEDING. USE CONCEALED FASTENERS EXCEPT

083323 OVERHEAD COILING DOORS

- OPERATION: ELECTRICAL
- TRACKS, SUPPORTS, AND HANGERS: MANUFACTURER'S STANDARD WEATHERSEALS: REPLACEABLE AT TOP AND BOTTOM OF EXTERIOR DOORS

SECURITY GRILLES

Installation methods.

- A. Rolling Security Grille
- D. Verification Samples: For each finish product specified, two samples, representing actual product color and patterns
- minimum three years and approved by manufacturer.
- G. BASIS OF DESIGN: OVERHEAD DOOR CORPORATION RAPIDGRILLE MODEL 676 1. Curtain: Horizontal 5/16 inch (7.8 mm) diameter rods with network of vertically spacing. Continuous spacer tubes. Bottom bar extruded aluminum tubular

 - a. Opening speed: up to 24 inches/second b. Closing speed: no higher than 12 inches/second.

 - e. Left hand mount.
- 7. Safety Devices: Provide door with following safety devices:
- curtain travel independent of other safeties.
- g. Exterior Key switch

f. Interior Key switch

operation without binding or distortion.

- 084113 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
- PRODUCTS TO BE SUPPLIED FOR A COMPLETE INSTALLATION.
- SHOP DRAWINGS STAMPED AND SIGNED BY LICENSED ENGINEER: INCLUDING DETAILS AT JOINTS AND PERIMETER CONDITIONS, FLASHINGS, CONNECTION AND INTERFACE WITH

CONNECTIONS TO WORK BY OTHERS, EXPANSION AND CONTRACTION JOINT LOCATIONS,

FABRICATOR: COMPANY SPECIALIZING IN MANUFACTURING ALUMINUM GLAZING SYSTEMS

- AND ANY FIELD WELDING. FOR ENTRANCES, INCLUDE HARDWARE SCHEDULE. SAMPLE WARRANTIES
- B. <u>DELEGATED DESIGN:</u> DESIGN GLAZED ALUMINUM STOREFRONTS AND ENTRANCES, INCLUDING
- WITH MINIMUM THREE YEARS DOCUMENTED EXPERIENCE INSTALLER: COMPANY SPECIALIZING IN INSTALLING ALUMINUM GLAZING SYSTEMS WITH INIMUM THREE YEARS DOCUMENTED EXPERIENCE 3. MANUFACTURER'S WARRANTY: 2 YEARS
- ALUMINUM SHEET: ASTM B 209 (ASTM B 209M), ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED. ALUMINUM EXTRUSIONS: ASTM B 221 (ASTM B221M), ALLOY AND TEMPER RECOMMENDED
- THERMALLY BROKEN, EXTRUDED ALUMINUM STOREFRONT SYSTEM CONSISTING OF FRAMING
- OF 1.57 lbf/sq. ft. (75 Pa) ER 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).
 - CONCEALED TIE-RODS, SNAP-ON EXTRUDED ALUMINUM GLAZING STOPS, AND PREFORMED GASKETS.
- MORTISED INTO DOOR EDGE. FOR APPLICATION OF DOOR HARDWARE.

- EINFORCING AS REQUIRED FOR A COMPLETE SYSTEM. FACTORY ASSEMBLE
- COMPONENTS TO GREATEST EXTENT POSSIBLE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR SHIPMENT AND INSTALLATION. a. 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

FABRICATION: FABRICATE FRAMING IN PROFILES INDICATED. PROVIDE SUBFRAMES AND

- COMPONENTS. ALUMINUM FINISH: COMPLY WITH NAAMM'S "METAL FINISHES MANUAL FOR RCHITECTURAL AND METAL PRODUCTS"
- a. COLOR ANODIC, ARCHITECTURAL CLASS I: AA-M12C22A42/A44, COMPLYING WITH b. COLOR: BLACK
- 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.
- ALIGNMENT WITH ESTABLISHED LINES AND GRADES TO THE FOLLOWING TOLERANCES: a. <u>VARIATION FROM PLANE</u>: LIMIT TO 1/8" IN 12 FEET; 1/4" OVER TOTAL LENGTH ALIGNMENT: FOR SURFACES ABUTTING LINE, LIMIT OFFSET TO 1/16". FOR SURFACES

INSTALL FRAMING COMPONENTS TO PROVIDE A WEATHERPROOF SYSTEM AND TRUE IN

INSTALL DOORS WITHOUT WARP OR RACK. ADJUST DOORS AND HARDWARE TO PROVIDE

- MEETING AT CORNERS, LIMIT OFFSET TO 1/32". c. <u>DIAGONAL MEASUREMENTS</u>: LIMIT DIFFERENCE BETWEEN DIAGONAL d. <u>PERIMETER JOINTS</u>: 1/2" MAXIMUM.
- SECTION 085313 VINYL WINDOWS
- PART 1 GENERAL 1.1 SUMMARY
- A. Section includes vinyl-framed windows. 1.2 ACTION SUBMITTALS

Sample warranties.

Product Data: For each type of product. B. Shop Drawings: Include plans, elevations, sections, hardware, accessories, insect screens, operational clearances, and details of installation, including anchor, flashing, and sealant installation.

TIGHT FIT AT CONTACT POINTS AND SMOOTH OPERATION.

- C. Samples: For each exposed product and for each color specified. 1.3 INFORMATIONAL SUBMITTALS Product test reports.
- 1.4 WARRANTY A. Manufacturer's Warranty: Manufacturer agrees to repair or replace vinyl windows that fail in materials or workmanship within specified warranty period.
- Verify available warranties and warranty periods for units and components. Some manufacturers might insist that warranty periods begin on date of manufacture or sale. 1. Warranty Period:
- b. Glazing Units: 10 years from date of Substantial Completion. PART 2 - PRODUCTS 2.1 WINDOW PERFORMANCE REQUIREMENTS A. Product Standard: Comply with AAMA/WDMA/CSA 101/I.S.2/A440 for definitions and minimum

standards of performance, materials, components, accessories, and fabrication unless more stringent

a. Window: 10 years from date of Substantial Completion.

. Window Certification: WDMA certified with label attached to each window. Performance Class and Grade: AAMA/WDMA/CSA 101/I.S.2/A440 as follows: Minimum Performance Class: LC. Minimum Performance Grade: 35 at Four Story buildings, 40 at Five Story Buildings. Thermal Transmittance: NFRC 100 maximum whole-window U-factor of 0.38 Btu/sq. ft. x h x deg F

fixed windows, 0.45 Btu/sq. ft. x h x deg F operable windows.

2.2 VINYL WINDOWS Manufacturers complying with the produce specified. Anderser

Finish: Integral color, Black.

requirements are indicated.

Quaker

4. Others by request Operating Types: As indicated on Drawings. Frames and Sashes: Impact-resistant, UV-stabilized PVC complying with AMA/WDMA/CSA 101/I.S.2/A440.

accommodate sash weight and dimensions.

Roller Assemblies: Low-friction design.

exterior sash. Screen wickets are not permitted.

ASTM D3656/D3656M.

weathertight construction.

operation and weathertight closure.

PART 3 - EXECUTION

- 2. Gypsum Board Returns: Provide at interior face of frame. Insulating-Glass Units: ASTM E2190. 1. Glass: ASTM C1036, Type 1, Class 1, q3. a Tint; Clear.
- b. Kind: Fully tempered where indicated on Drawings and/or required by code. Lites: Two. Filling: Fill space between glass lites with argon. Low-E Coating: Pyrolytic on second surface or Sputtered on second surface. Glazing System: Manufacturer's standard factory-glazing system that produces weathertight seal.
- Horizontal-Sliding Window Hardware: Sill Cap/Track: Designed to comply with performance requirements indicated and to drain to the 2. Locks and Latches: Operated from the inside only.

A. General: Fabricate insect screens to integrate with window frame. Provide screen for each operable

Mullions: Provide mullions and cover plates, compatible with window units, complete with anchors for

support to structure and installation of window units. Allow for erection tolerances and provide for

Complete fabrication, assembly, finishing, hardware application, and other work in the factory to

Install windows level, plumb, square, true to line, without distortion, anchored securely in place to

Clean exposed surfaces immediately after installing windows. Remove excess sealants, glazing

structural support, and in proper relation to wall flashing and other adjacent construction to produce

Adjust operating sashes and hardware for a tight fit at contact points and weather stripping for smooth

greatest extent possible. Disassemble components only as necessary for shipment and installation.

Hardware, General: Provide manufacturer's standard corrosion-resistant hardware sized to

1. Exposed Hardware Color and Finish: As selected by Architect from manufacturer's full range

- H. Weather Stripping: Provide full-perimeter weather stripping for each operable sash unless otherwise Fasteners: Noncorrosive and compatible with window members, trim, hardware, anchors, and other 2.3 INSECT SCREENS
- Type and Location: Full, outside for sliding sashes Aluminum Frames: Complying with SMA 1004 or SMA 1201. Finish for Exterior Screens: Matching color and finish of window. Glass-Fiber Mesh Fabric: Mesh of PVC-coated, glass-fiber threads; woven and fused to form a fabric mesh resistant to corrosion, shrinkage, stretch, impact damage, and weather deterioration. Comply
- 1. Mesh Color: Manufacturer's standard/ dark charcoal. 2.4 FABRICATION A. Fabricate vinyl windows in sizes indicated. Include a complete system for installing and anchoring Glaze vinyl windows in the factory.

Weather strip each operable sash to provide weathertight installation.

Allow for scribing, trimming, and fitting at Project site.

- movement of window units due to thermal expansion and building deflections. Provide mullions and cover plates capable of withstanding design wind loads of window units. Provide manufacturer's standard finish to match window units. Hardware: Mount hardware through double walls of vinyl extrusions or provide corrosion-resistant
- 3.1 INSTALLATION A. Comply with manufacturer's written instructions for installing windows, hardware, accessories, and other components. For installation procedures and requirements not addressed in manufacturer's written instructions, comply with installation requirements in ASTM E2112.
- materials, dirt, and other substances. Remove and replace sashes if glass has been broken, chipped, cracked, abraded, or damaged during END OF SECTION 085313



PARAGON STAR NORTH VILLAGE

3200 NW PARAGON PKWY

LEE'S SUMMIT, MO 64081 Project No.: 18017,19050.07,19050.08

Issued For: FOR CONSTRUCTION REVISIONS

Description 3 7.20.22 ADDENDUM 2

____ _____ ____ ____ ____ ____ ____

REGISTRATION



FINKLE+WILLIAMS ARCHITECT ARCHITECTURE CIVIL **GBA ENGINEERS**

LAND 3

LATIMER SOMMERS

LATIMER SOMMERS

CONSTRUCTORS

PROJECT TEAM

STRUCTURAL BOB D. CAMPBELL PLUMBING LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

LANDSCAPE

MECHANICAL

ELECTRICAL

CONTRACTOR

SHEET TITLE

8787 RENNER BLVD., SUITE 100

LENEXA, KANSAS 66219

913 .498.1550

www.finklewilliams.com

PROJECT

SPECIFICATIONS

ARCHITECTURE

- 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.
- HARDWARE: 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: NONREMOVABLE PINS FOR EXTERIOR AND PUBLIC INTERIOR EXPOSURE; NON-RISING ELSEWHERE
- LOCKSETS AND LATCHSETS
- a. BORED LOCKS AND LATCHES: BHMA A156.2, SERIES 4000, GRADE 1 b. 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 EXISTS, MATCH SCHLAGE "OMEGA"; TRIM ON EXIT DEVICES SHALL MATCH
- LOCKSETS. KEYING: PROVIDE CONSTRUCTION KEYING AND COORDINATE FINAL KEYING WITH OWNER'S MASTER-KEY SYSTEM. FURNISH KEY CONTROL SYSTEM, INCLUDING
- 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 ALL CLOSERS.
- 4. 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.

- SUBMITTALS: PRODUCT DATA AND (2) 12" SQUARE SAMPLES OF EACH TYPE OF GLASS
- 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.
- 2. SAFETY GLASS: CATEGORY II MATERIALS COMPLYING WITH TESTING REQUIREMENTS IN 16 CFR 1201 AND ANSI Z97.1.
- GLAZING PUBLICATIONS: WHERE APPLICABLE, COMPLY WITH WITH THE PUBLISHED RECOMMENDATIONS OF THE FOLLOWING: a. GANA PUBLICATIONS: "GLAZING MANUAL" AND "LAMINATED GLASS DESIGN GUIDE"
- b. AAMA PUBLICATIONS: AAMA GDSG-1, "GLASS DESIGN FOR SLOPED GLAZING", AND AAMA TIR-A7. "SLOPED GLAZING GUIDELINES". c. 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
- 3. COATED GLASS: ASTM C 1048. CONDITION C, TYPE I, QUALITY q3, HEAT STRENGTHENED
- OR FULLY TEMPERED WHERE INDICATED AND WHERE REQUIRES BY CODE OR WIRED GLASS: TYPE II, CLASS I, QUALITY q8, FORM 1 POLISHED, WITH m2 SQUARE
- MESH, .25" THICK. 5. 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.

FABRICATED GLASS PRODUCTS: 1. 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: PPG SOLARBAN 70XL SOLAR CONTROL LOW-E GLASS OR APPROVED
- 1/4" CLEAR, 1/2" AIR SPACE, 1/4" CLEAR PROVIDE LOW-E COATING ON 2ND SURFACE. VISIBILE LIGHT TRANSMITTANCE: 64%
- SOLAR HEAT GAIN COEFFICIENT: 0.27 b. SPANDREL GLASS: TO MATCH VISION GLASS WITH OPACIFIER APPLIED TO FOURTH SURFACE, COLOR TO BE SELECTED FROM MFR'S FULL RANGE.
- WARRANTY: 10 YEAR WARRANTY TO INCLUDE REPLACEMENT OF SEALED UNITS EXHIBITING SEAL FAILURE, INTERPANE DUSTING OR MISTING.
- INSTALLATION:
 1. 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

- SUBMITTALS: PRODUCT DATA FOR EACH TYPE
- 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 REQUIREMENTS FOR METAL UNLESS OTHERWISE INDICATED. PROTECTIVE COATING: ASTM A 653/A 653M G60 (Z180), HOT-DIP GALVANIZED UNLESS OTHERWISE INDICATED.
- SLIP-TYPE HEAD JOINTS: WHERE INDICATED PROVIDE: DOUBLE-TRACK SYSTEM: ASTM C 645 TOP OUTER TRACKS, INSIDE TRACK WTIH 2-INCH DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND FASTENED TO STUDS, AND OUTER TRACK SIZED TO FRICTION-FIT OVER INNER TRACK.
- FIRESTOP TRACKS: TOP TRACK MANUFACTURED TO ALLOW PARTITION HEADS TO EXPAND AND CONTRACT W/ MOVEMENT OF STRUCTURE WHILE MAINTAINING CONTINUITY OF FIRE-RESISTANCE-RATED ASSEMBLY INDICATED
- FLAT STRAP AND BACKING PLATE: STEEL SHEET FOR BLOCKING AND BRACING IN LENGTH AND WIDTH INDICATED. MIN. BASE-METAL THICKNESS: 0.0296"
- <u>COLD-ROLLED BRIDGING</u>: STEEL, 0.0538" MIN. BASE METAL THICKNESS W/ MIN. 1/2" WIDE FLANGES.
- DEPTH: 1 1/2" U.N.O.
- 2. CLIP ANGLE: NOT LESS THAN 1-1/2" BY 1-1/2", 0.068" THICK, GALVANIZED STEEL
- TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPE, 0.062" DIAMETER OR DOUBLE STRAND OF .048" DIAMTER WIRE.
- WIRE HANGERS: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.016"
- CARRYING CHANNELS (MAIN RUNNERS): COLD-ROLLED, COMMERCIAL-STEEL SHET W/
- BASE-METAL THICKNESS OF 0.0538" AND MIN. 1/2" WIDE FLANGES, DEPTH 2-1/2" U.N.O. FURRING CHANNELS: USE ONE OF THE FOLLOWING
- a. COLD-ROLLED CHANNELS: 0.0538" UNCOATED-STEEL THICKNESS, W/ MIN. 1/2" WIDE STEEL STUDS AND TRACKS: ASTM C 645, MIN. BASE-METAL THICKNESS: 0.0329" HAT-SHAPED, RIGID FURRING CHANNELS: ASTM C 645, 7/8" DEEP, MIN. BASE-METAL

THICKNESS: 0.0329"

092900 GYPSUM BOARD SUBMITTALS: PRODUCT DATA FRO EACH TYPE

- TERIOR GYPSUM BOARD: PROVIDE IN THICKNESS AND TYPE INDICATED IN THE CONSTRUCTION DRAWINGS IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END-TO-END BUTT
 - JOINTS AND AS FOLLOWS: GYPSUM WALLBOARD: TYPE 'X', ASTM C 1396/C 1396M
 - THICKNESS: 5/8" U.N.O. IN DRAWINGS LONG EDGES: TAPERED AND FEATURED (ROUNDED OR BEVELED) FOR PREFILLING
 - SAG-RESISTANT TYPE FOR CEILING SURFACES. MOLD-RESISTANT GYPSUM BOARD: TYPE 'X', ASTM C 1396/C 1396M. WITH MOISTURE AND
 - MOLD-RESISTANT CORE AND PAPER SURFACES a. WHERE: ON ALL TOILET ROOM AND SHOWER ROOM WALLS, BEHIND ALL PLUMBING FIXTURES, AND AS INDICATED
 - THICKNESS: 5/8" U.N.O. IN DRAWINGS LONG EDGES: TAPERED.
 - MOLD RESISTANCE: ASTM D3273, SCORE OF 10.
 - IMPACT-RESISTANT GYPSUM BOARD: ASTM C1396/C1396M, TESTED ACCORDING TO ASTM
 - a. CORE: 5/8". TYPE 'X' SURFACE ABRASION, INDENTATION, SOFT-BODY, AND HARD-BODY IMPACT: ASTM C1629/C1629M, MEETS OR EXCEEDS [LEVEL 1], [LEVEL 2], [LEVEL 3]
 - LONG EDGES: TAPERED MOLD RESISTANCE: ASTM D3273, SCORE OF 10.
- GYPSUM BOARD, TYPE 'C': ASTM C1396/C1396M. MANUFACTURED TO HAVE INCREASED FIRE-RESISTIVE CAPABILITY
- a. THICKNESS: AS INIDCATED ON DRAWINGS b. LONG EDGES: TAPERED

1. GLASS-MAT, WATER RESISTANT BACKING BOARD: ASTM C 1178/C1178M,

- LOCATIONS: AT TILED, 'WET' WALLS
- CORE: 5/8", TYPE 'X'
- MOLD RESISTANCE: ASTM D3273, SCORE OF 10
- CEMENTITIOUS BACKER UNITS: ANSI A118.9 AND ASTM C1288 OR ASTM C1325, WITH MANUFACTURER'S STANDARD EDGES. a. THICKNESS: AS INDICATED
- b. MOLD RESISTANCE: ASTM D3273, SCORE OF 10

CORE: AS INDICATED

LAYER CONTAINING THE REVEALS.

- EXTERIOR GYPSUM BOARD FOR CEILINGS AND SOFFITS: EXTERIOR GYPSUM SOFFIT BOARD: ASTM C1396/C1396M, W/ MANUFACTURER'S STANDARD BASIS OF DESIGN: GEORGIA PACIFIC "DENS-GLAS GOLD", OR APPROVED EQUAL
- GLASS-MAT GYPSUM SHEATHING BOARD: ASTM C 1177.C1177M WITH FIBERGLASS MAT LAMINATED TO BOTH SIDES AND WITH MANUFACTURER'S STANDARD EDGES a. BASIS OF DESIGN: GEORGIA PACIFIC "DENSGLASS GOLD SHEATHING" CORE: AS INDICATED
- TRIM: ASTM C1047, FORMED FROM GALVANIZED OR ALUMINUM COATED STEEL SHEET,
- ROLLED ZINC, OR PLASTIC 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
- JOINT TREATMENT MATERIALS: ASTM C475/C475M SOUND-ATTENUATION BLANKETS: ASTM C 665, TYPE I (UNFACED)

 ACOUSTICAL SEALANT: COMPLY WITH ASTM C 834, NONSAG, PAINTABLE, NONSTAINING
- FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO 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 OF GYPSUM BOARD AS NECESSARY TO MAINTAIN THE FIRE RATED ASSEMBLY BEHIND THE
- H. <u>STC-RATED ASSEMBLIES</u>: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLIES PER ASTM E 90 AND CLASSIFIED PER ASTM E 413 BY A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY.
- INSTALLATION:

 1. FRAMING: COMPLY WITH ASTM C 754 AND ASTM C 840 AND WITH U.S. GYPSUM'S "GYPSUM"

 1. 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.

SECTION 092400 - CEMENT PLASTERING

- PART 1 GENERAL
 - SUMMARY A. Section Includes:
- Exterior vertical plasterwork (stucco).
- ACTION SUBMITTALS A. Product Data: For each type of product.
- 3. QUALITY ASSURANCE
- A. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and to set quality standards for fabrication and installation. Build mockup of typical wall area as shown on Drawings. Subject to compliance with requirements, approved mockups may become part of the
- completed Work if undisturbed at time of Substantial Completion. PART 2 - PRODUCTS 2.1 METAL LATH
 - A. Expanded-Metal Lath: ASTM C 847, cold-rolled carbon-steel sheet with ASTM A 653/A 653M G60, hot-dip galvanized-zinc coating.
 - Manufacturers: Subject to compliance with requirements, provide products by one of the Alabama Metal Industries Corporation; a Gibraltar Industries company. CEMCO; California Expanded Metal Products Co.
 - MarinoWARE Phillips Manufacturing Co. Diamond-Mesh Lath: Self-furring, 2.5 lb/sq. yd..

ClarkDietrich Building Systems.

- 1. ACCESSORIES A. General: Comply with ASTM C 1063, and coordinate depth of trim and accessories with thicknesses and number of plaster coats required.
- Metal Accessories 1. Manufacturers: Subject to compliance with requirements, provide products by one of the
- Alabama Metal Industries Corporation; a Gibraltar Industries company. CEMCO; California Expanded Metal Products Co.
- ClarkDietrich Building Systems. MarinoWARE. Phillips Manufacturing Co. 2. Cornerbeads: Fabricated from zinc-coated (galvanized) steel.
- a. Smallnose cornerbead with expanded flanges; use unless otherwise indicated. Control Joints: Fabricated from zinc-coated (galvanized) steel; one-piece-type, folded pair of unperforated screeds in M-shaped configuration; with perforated flanges and
- removable protective tape on plaster face of control joint. MISCELLANEOUS MATERIALS A. Water for Mixing and Finishing Plaster: Potable and free of substances capable of affecting
- plaster set or of damaging plaster, lath, or accessories. Fiber for Base Coat: Alkaline-resistant glass or polypropylene fibers, 1/2 inch long, free of contaminants, manufactured for use in cement plaster. Fasteners for Attaching Metal Lath to Substrates: ASTM C 1063.
- Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, not less than 0.0475-inch diameter unless otherwise indicated. 2.4 PLASTER MATERIALS Portland Cement: ASTM C 150/C 150M, Type I.
- Plastic Cement: ASTM C 1328. Colorants for Job-Mixed Finish Coats: Colorfast mineral pigments that produce finish plaster color to match Architects Sample in the White range

Color for Finish Coats: White.

Color for Finish Coats: White.

Masonry Cement: ASTM C 91, Type N.

- Lime: ASTM C 206, Type S; or ASTM C 207, Type S. Sand Aggregate: ASTM C 897. Color for Job-Mixed Finish Coats: White. Perlite Aggregate: ASTM C 35.
- PLASTER MIXES A. General: Comply with ASTM C 926 for applications indicated. 1. Fiber Content: Add fiber to base-coat mixes after ingredients have mixed at least two
- minutes. Comply with fiber manufacturer's written instructions for fiber quantities in mixes, but do not exceed 1 lb of fiber/cu. yd. of cementitious materials. Base-Coat Mixes for Use over Metal Lath: Scratch and brown coats for three-coat plasterwork as follows:
- a. Scratch Coat: For cementitious material, mix 1 part portland cement and 0 to 3/4 parts lime. Use 2-1/2 to 4 parts aggregate per part of cementitious material. Brown Coat: For cementitious material, mix 1 part portland cement and 0 to 3/4
- parts lime. Use 3 to 5 parts aggregate per part of cementitious material, but not less than volume of aggregate used in scratch coat. Portland Cement Mix: For cementitious materials, mix 1 part portland cement and 3/4 to
- 1-1/2 parts lime. Use 1-1/2 to 3 parts aggregate per part of cementitious material. PART 3 - EXECUTION 3.1 INSTALLATION. GENERAL
- A. Prepare smooth, solid substrates for plaster according to ASTM C 926. INSTALLING METAL LATH
- A. Install according to ASTM C 1063 and at locations indicated on Drawings. Control Joints: Locate as indicated on Drawings. PLASTER APPLICATION General: Comply with ASTM C 926. Walls; Base-Coat Mixes for Use over Metal Lath: For scratch and brown coats, for three-coat
- Portland cement mixes. Masonry cement mixes. Portland and masonry cement mixes. Plastic cement mixes.

A. Metal Lath: Install according to ASTM C 1063.

INSTALLING ACCESSORIES

Portland and plastic cement mixes. Plaster Finish Coats: Apply to provide finish to match Architect's sample. PLASTER REPAIRS

plasterwork with 3/4-inch total thickness, as follows:

Repair or replace work to eliminate cracks, dents, blisters, buckles, crazing and check cracking, dry outs, efflorescence, sweat outs, and similar defects and where bond to substrate has failed. END OF SECTION 092400

093013 CERAMIC TILE

- - PRODUCT DATA FOR SETTING AND GROUTING MATERIALS THREE (3) SAMPLES OF EACH TILE SPECIFIED FOR VERIFICATION PURPOSES SHOP DRAWINGS SHOWING TILE PATTERN AND 'SOFT' JOINT LOCATIONS
- B. <u>ATTIC STOCK</u>: FURNISH 2% OF EACH TYPE OF CERAMIC TILE PACKAGED WITH PROTECTIVE
- COVERING AND LABELED FOR STORAGE.
- C. <u>CERAMIC TILE</u>: COMPLY WITH STANDARD GRADE REQUIREMENTS IN ANSI A137.1 SPECIFICATIONS FOR CERAMIC TILE" FOR PRODUCTS AND SIZES INDICATED IN THE CONSTRUCTION DOCUMENTS.
- 1. FLOOR TILE SHALL HAVE A STATIC COEFFICIENT OF FRICTION OF 0.6 OR GREATER PER SIZE, THICKNESS, PATTERN, COLOR: AS INDICATED IN DRAWINGS THRESHOLDS: FABRICATE TO SIZES AND PROFILES INDICATED OR REQUIRED TO PROVIDE
- TRANSITION BETWEEN ADJACENT FLOOR FINISHES. a. BEVEL EDGES AND 1:2 SLOPE, W/ LOWER EDGE OF BEVEL ALIGNED W/ OR UP TO 1/16" ABOVE ADJACENT FLOOR SURFACE. FINISH BEVEL TO MATCH TOP SURFACE OF THRESHOLD. LIMIT HEIGHT OF THRESHOLD TO 1/2" OR LESS.
- D. <u>TILE BACKING PANELS</u>: REFER TO SECTION 092900.
- CRACK-ISOLATION MEMBRANE: MANUFACTURER'S STANDARD PRODUCT THAT COMPLIES WITH NSI A118.12 FOR STANDARD PERFORMANCE AS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INTENDED. INCLUDE REINFOCEMENT AND ACCESSORIES RECOMMENDED BY THE MANUFACTURER 1. FLUID-APPLIED MEMBRANE: LIQUID-LATEX RUBBER OR ELASTOMERIC POLYMER.
- F. INSTALLATION MATERIALS: PROVIDE MATERIALS COMPLYING WITH ANSI A108.02, ANSI STANDARDS REFERENCED BY TCNA INSTALLATION METHODS SPECIFIED IN THE INSTALLATION SCHEDULES.
 - SETTING MATERIALS: PORTLAND CEMENT MORTAR (THICKSET): ANSI A108.02 MODIFIED DRYSET MORTAR (THINSET), ANSI A118.4
 - FOR WALL APPLICATIONS, PROVIDE NONSAGGING MORTAR IMPROVED MODIFIED DRYSET MORTAR (THINSET), ANSI A118.15 FOR WALL APPLICATIONS, PROVIDE NONSAGGIN MORTAR
 - GROUT:UNSANDED FOR JOINTS 1/16" WIDTH OR LESS, SANDED FOR JOINTS GREATER THAN 1/16" IN COLOR INDICATED OR TO BE SELECTED.
 - a. STANDARD CEMENT GROUT: ANSI A 118.6 LOCATION: TYPICAL INTERIOR INSTALLATIONS b. HIGH-PERFORMANCE TILE GROUT: ANSI A118.7

LOCATION: AS INDICATED

- WATER-CLEANABLE EPOXY GROUT: ANSI A118.3 LOCATION: FOOD SERVICE, BUILDING LOBBIES, AND RESTROOMS MISCELLANEOUS MATERIALS: TROWELABLE UNDERLAYMENTS AND PATCHING COMPOUNDS: LATEX-MODIFIED,
- PORTLAND CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY MANUFACTURER OF TILE-SETTING MATERIALS FOR INSTALLATIONS INDICATED. METAL EDGE STRIPS: AS INDICATED FLOOR SEALER: MANUFACTURER'S STANDARD PRODUCT FOR SEALING GROUT JOINTS AND THAT DOES NOT CHANGE COLOR OR APPEARANCE OF GROUT.
- 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.
- EXTERIOR CONCRETE WALKWAYS AND PATIOS: TCA F102 (THIN-SET MORTAR BONDED TO CONCRETE SLAB) 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 ALTERNATE METHOD. 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 CONCRETE OR MASONRY). 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

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 EXPOSED EDGE.

CONFLICTS: IF NOT ADDRESSED ON DRAWINGS, WHERE ELECTRICAL DEVICES OR TOILET

- ACCESSORIES STRADDLE THE TRANSITION FROM THE TOP EDGE OF WAINSCOT WALL TILE TO GYPSUM BOARD SUBSTRATE, CONTACT ARCHITECT FOR RESOLUTION. JOINT SIZE: SET TILE WITH THE SMALLEST GROUT JOINT ACHIEVABLE AND AS
- RECOMMENED BY THE MFR. BASED ON THE TILE PRODUCT AND SUBSTRATE CONDITIONS, UNLESS NOTED OTHERWISE 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 TO AVOID REMOVAL OF GROUT COLOR BY USE OF EXCESS WATER DURING INSTALLATION. FADED OR CHALKY GROUT SHALL BE CAUSE FOR REJECTION.

SEALER: AFTER FULLY CURED, GROUT SHALL BE SEALED WITH TWO (2) COATS OF

QUALIFIED TESTING AGENCY.

095123 ACOUSTICAL TILE CEILINGS

COMMERCIAL QUALITY PENETRATING SILICONE SEALER.

- A. <u>SUBMITTALS</u>: PRODUCT DATA FOR EACH TYPE, SAMPLES FOR EACH TYPE ATTIC STOCK: FURNISH 2% OF EACH TYPE OF CEILING TILE PACKAGED WITH PROTECTIVE
- COVERING AND LABELED FOR STORAGE. ACOUSTICAL TILE PRODUCTS: PROVIDE CEILING TILE IN TYPE AND SIZES INDICATED IN THE CONSTRUCTION DOCUMENTS. SURFACE-BURNING CHARACTERISTICS: COMPLY WITH ASTM E 84; TESTING BY A
- a. FLAME-SPREAD INDEX: CLASS A ACCORDING TO ASTM E 1264 SMOKE-DEVELOPED INDEX: 50 OR LESS METAL SUSPENSION SYSTEM: PROVIDE HEAVY DUTY, DIRECT-HUNG, SUSPENSION SYSTEMS AS NDICATED 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 SFISMIC 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. INSTALLATION: COMPLY WITH ASTM C 636 AND CISCA'S "CEILING SYSTEMS HANDBOOK" SEQUENCE WORK TO ENSURE ACOUSTICAL CEILINGS ARE NOT INSTALLED UNTIL
- 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

BUILDING IS ENCLOSED, SUFFICIENT HEAT IS PROVIDED, DUST GENERATION ACTIVITIES

AT ALL LOCATIONS WHERE CEILING INTERSECTS VERTICAL SURFACES. USE MATCHING

REFLECTED CEILING PLAN. 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

FIELD-CUT EDGES SHALL MATCH PROFILE OF FACTORY EDGES.

DRAWINGS

BASE INSTALLATION.

096513 RESILIENT BASE AND ACCESSORIES A. <u>SUBMITTALS</u>: PRODUCT DATA AND THREE (3) SAMPLES OF EACH PRODUCT

PRE-FORMED CLOSURES AT ROUND OR CURVED OBSTRUCTIONS.

- ATTIC STOCK: FURNISH 20' OF EACH COLOR AND TYPE OF WALL BASE PACKAGED WITH PROTECTIVE COVERING AND LABELED FOR STORAGE.
- RESILIENT WALL BASE: ASTM F 1861, TYPE TS (RUBBER, VULCANIZED THERMOSET), GROUP I SOLID, HOMOGENEOUS)
- COLORS, STYLE, AND SIZES AS INDICATED IN DRAWINGS. THICKNESS: 0.125 INCHES LENGTH: COILS IN MANUFACTURER'S STANDARD LENGTH INSIDE AND OUTSIDE CORNERS: PREFORMED
- COLOR. PROFILE. AND DIMENSIONS: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE. E. WALL BASE AND ACCESSORY INSTALLATION:

LOCATIONS: TRANSITIONS FROM CONCRETE TO CARPET AND WHERE INDICATED IN

INSTALL WALL BASE WITH MANUFACTURER'S RECOMMENDED ADHESIVE IN MAXIMUM LENGTHS POSSIBLE. APPLY TO WALLS, COLUMNS, PILASTERS, CASEWORK, AND OTHER PERMANENT FIXTURES. INSTALL TRANSITION STRIPS WHERE FLOORING MATERIALS MEET OR WHERE EDGE OF TILE IS EXPOSED AS INDICATED IN THE FINISH SCHEDULE.

CONFIRM THAT SOLID BACKING IS PROVIDED BEHIND ALL WALL BASE. AREAS WHERE

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

096519 RESILIENT TILE FLOORING

- A. <u>SUBMITTALS</u>: PRODUCT DATA AND THREE (3) SAMPLES OF EACH PRODUCT
- ATTIC STOCK: FURNISH 20' OF EACH COLOR AND TYPE OF TILE PACKAGED WITH PROTECTIVE
- COVERING AND LABELED FOR STORAGE.
- RESILIENT TILE PRODUCTS: PROVIDE FLOOR TILE IN TYPE, COLOR, SIZES AND PATTERNS AS INDICATED IN THE DRAWINGS AND COMPLYING WITH THE FOLLOWING:
- SOLID VINYL FLOOR TILE: STANDARD ASTM F 1700 RUBBER FLOOR TILE: STANDARD ASTM F 1344
- VINYL COMPOSITION FLOOR TILE: STANDARD ASTM F1066 STATIC DISSIPATIVE TILE: GROUNDED PER MFR RECOMMENDATIONS
- D. <u>INSTALLATION ACCESSORIES</u>: LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT, OR BLENDED HYDRAULIC CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY
- FLOORING MANUFACTURER TO SUIT RESILIENT PRODUCTS AND SUBSTRATE CONDITIONS. 2. ADHESIVES: WATER-RESISTANT TYPE RECOMMENDED BY MANUFACTURER TO SUIT RESILIENT PRODUCTS AND SUBSTRATE CONDITIONS.
- PREPARE CONCRETE SUBSTRATES PER ASTM F 710. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS AND HARDENERS
- 3. LAY TILES IN PATTERNS INDICATED WITH GRAIN DIRECTION ALTERNATING IN ADJACENT

2. LAY OUT TILES SO WIDTHS AT OPPOSITE EDGES OF ROOM ARE EQUAL AND NOT LESS

TILES, UNLESS NOTED OTHERWISE. 4. CLEAN, SEAL, AND WAX RESILIENT FLOORING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

096813 TILE CARPETING

- THREE (3) SAMPLES OF EACH CARPET OR CARPET TILE SPECIFIED
- SHOP DRAWINGS SHOWING CARPET PATTERN, TRANSITIONS, COLUMNS, DOORWAYS. TYPE OF INSTALLATION AND TRANSITION DETAILS TO OTHER FLOORING MATERIALS.
- B. QUALITY ASSURANCE: INSTALLER QUALIFICATIONS: CERTIFIED BY THE INTERNATIONAL CERTIFIED FLOORCOVERING INSTALLERS ASSOCIATION AT THE COMMERCIAL II CERTIFICATION
- ATTIC STOCK: FURNISH FULL-WIDTH CARPET EQUAL TO 5% OF EACH TYPE AND COLOR CARPET

INSTALLED, PACKAGED WITH PROTECTIVE COVERING AND LABELED FOR STORAGE.

- CARPET PRODUCTS: PROVIDE CARPET IN PATTERNS AND COLORS AND WITH BACKINGS AS INDICATED IN THE CONSTRUCTION DOCUMENTS WITH CRITICAL RADIANT FLUX CLASSIFICATION CLASS I, NOT LESS THAN 0.45 W/SQ. CM PER ASTM E 648. ORDER ALL MATERIALS FROM THE SAME FACTORY DYE LOT.
- INSTALLATION: COMPLY WITH CRI 104, SECTION 6.1, "SITE CONDITIONS; TEMPERATURE AND HUMIDITY". FOR BROADLOOM PRODUCTS COMPLY WITH CRI 104, SECTION 8, "DIRECT GLUE-DOWN" AND SECTION 12 "CARPET ON STAIRS". FOR CARPET TILE COMPLY CRI 104, SECTION 13 "CARPET MODULES (TILES)".
- VERIFY CARPET MATCH PRIOR TO CUTTING TO CONFIRM NO VARIATION BETWEEN DYE 2. LAY CARPET TILE IN PATTERN AS INDICATED ON CONSTRUCTION DOCUMENTS AND SO WIDTHS AT OPPOSITE EDGES OF ROOM ARE EQUAL AND NOT LESS THAN HALF-WIDTH. LAY OUT BROADLOOOM CARPET TO LOCATE SEAMS IN AREAS OF LEAST TRAFFIC, AND
- CLOSED POSITION. BIND OR SEAL CUT EDGES AS RECOMMENDED BY CARPET MANUFACTURER. 4. MAINTAIN UNIFORMITY OF CARPET DIRECTION AND LAY OF PILE WITH PATTERN PARALLEL

OUT OF AREAS OF PIVOTING TRAFFIC. AT DOORWAYS, CENTER SEAMS UNDER DOOR IN

INSTALL BROADLOOM CARPET IN MANUFACTURER'S RECOMMENDED CONTACT ADHESIVE

AND CARPET TILE IN MANUFACTURER'S RECOMMENDED EASY RELEASE ADHESIVE. ROLL WITH APPROPRIATE ROLLER FOR COMPLETE CONTACT OF ADHESIVE TO CARPET TRIM CARPET NEATLY AND TIGHT TO WALLS AND AROUND INTERRUPTIONS

PARTICULARTLY WHERE STRAIGHT "NO-TOE" WALL BASE IS SPECIFIED.

HEIGHT, INSTALL PREMANUFACTURED RUBBER SUBFLOOR LEVELING STRIPS OR LEVELING COMPOUND FLOATED 36" MINIMUM UNDER CARPET TO DISCREETLY TAPER BETWEEN MATERIALS SO THAT TOP SURFACES MEET FLUSH.

INSTALL TRANSITION STRIPS AT CARPET TERMINATIONS AS SPECIFIED ON THE

AT LOCATIONS WHERE CARPET MATERIALS MEET FLOOR MATERIALS OF DIFFERENT

MANUFACTURER.

097200 WALL COVERINGS

CONSTRUCTION DOCUMENTS.

A. <u>SUBMITTALS</u>: THREE (3) SAMPLES OF EACH WALLCOVERING SPECIFIED. B. ATTIC STOCK: FURNISH FULL-WIDTH ROLLS OF EACH WALLCOVERING EQUAL TO 5% OF AMOUNT OF EACH TYPE INSTALLED, PACKAGED WITH PROTECTIVE COVERING AND LABELED FOR

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

- CONSTRUCTION DOCUMENTS WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF NOT MORE THAN 25 AND 450 RESPECTIVELY, PER ASTM E 84. ORDER ALL MATERIALS FROM THE SAME FACTORY DYE LOT.
- CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR WALLCOVERING BOND, INCLUDING MOLD, MILDEW, OIL, GREASE, INCOMPATIBLE PRIMERS AND DIRT AND PRIME AS NECESSARY

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

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

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

CLEANING: REMOVE EXCESS ADHESIVE AT FINISHED SEAMS, PERIMETER EDGES, AND ADJACENT SURFACES USING CLEANING METHODS RECOMMENDED BY WALLCOVERING MANUFACTURER.

AFF. INSTALL PER MANUFACTURER'S RECOMMENDATION.

PRODUCTS: FG-300 BY INSULGARD OR APPROVED EQUAL

FIBERGLASS AND RESIN FORMED IN RIGID PANEL.

SAME MATERIAL AS A BATTEN, FULL LENGTH OF JOINT.

INDICATED IN MANUFACTURER'S INSTRUCTIONS.

- 097720 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)
- A. INSTALL FRP PANELS TO 4'-0" HIGH AND INCLUDING TRIM AND ACCESSORIES HIGH ON ALL WALLS BEHIND JANITIOR SINKS AND MOP BASINS (COLOR TO BE SELECTED). B. BULLET RESISTANT FIBER-GLASS REINFORCED STRUCTURAL POLYESTER LAMINATE PANELS TO
- RATING: UL 752 LEVEL 3, NIJ TYPE IIIA THICKNESS: 1/2" INSTALLATION:

REST FULL LOAD OF PANEL TO REST SECURELY AGAINST SLAB.

a. BUTT JOINTS ARE BALLISTICALLY WEAK, REINFORCE USING A 4" WIDE STRIP OF

a. FIBERGLASS COMPOSITE PANEL WITH WOVEN ROVING BALLISTIC GRADE

BE INSTALLED BENEATH SECURITY COUNTER, FULL LENGTH OF SECURITY ROOM UP TO 2'-8"

<u>DIVISION 9 - FINISHES</u>

092216 NON-STRUCTURAL METAL FRAMING

- A. <u>SUBMITTALS:</u> PRODUCT DATA FOR EACH TYPE
- STEEL FRAMING MEMBERS: COMPLY WITH ASTM C754 IN DEPTHS AND GAGES AS INDICATED IN THE CONSTRUCTION DRAWINGS AND AS FOLLOWS: 1. STEEL SHEET COMPONENTS: COMPLY WITH ASTM C645 REQUIREMENTS FOR METAL UNLESS OTHERWISE INDICATED.
- 2. PROTECTIVE COATING: ASTM A 653/A 653M G60 (Z180), HOT-DIP GALVANIZED UNLESS OTHERWISE INDICATED. SLIP-TYPE HEAD JOINTS: WHERE INDICATED PROVIDE:
- DOUBLE-TRACK SYSTEM: ASTM C 645 TOP OUTER TRACKS, INSIDE TRACK WTIH 2-INCH DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND FASTENED TO STUDS, AND OUTER TRACK SIZED TO FRICTION-FIT OVER INNER TRACK.

FIRESTOP TRACKS: TOP TRACK MANUFACTURED TO ALLOW PARTITION HEADS TO EXPAND AND

- CONTRACT W/ MOVEMENT OF STRUCTURE WHILE MAINTAINING CONTINUITY OF FIRE-RESISTANCE-RATED ASSEMBLY INDICATED
- FLAT STRAP AND BACKING PLATE: STEEL SHEET FOR BLOCKING AND BRACING IN LENGTH AND WIDTH INDICATED. MIN. BASE-METAL THICKNESS: 0.0296"
- COLD-ROLLED BRIDGING: STEEL, 0.0538" MIN. BASE METAL THICKNESS W/ MIN. 1/2" WIDE 2. CLIP ANGLE: NOT LESS THAN 1-1/2" BY 1-1/2", 0.068" THICK, GALVANIZED STEEL
- TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPE, 0.062" DIAMETER OR DOUBLE STRAND OF .048" DIAMTER WIRE.
- 2. WIRE HANGERS: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.016" CARRYING CHANNELS (MAIN RUNNERS): COLD-ROLLED, COMMERCIAL-STEEL SHET W/ BASE-METAL THICKNESS OF 0.0538" AND MIN. 1/2" WIDE FLANGES, DEPTH 2-1/2" U.N.O.
- 4. FURRING CHANNELS: USE ONE OF THE FOLLOWING a. COLD-ROLLED CHANNELS: 0.0538" UNCOATED-STEEL THICKNESS, W/ MIN. 1/2" WIDE FLANGES, 3/4" DEEP. STEEL STUDS AND TRACKS: ASTM C 645, MIN. BASE-METAL THICKNESS: 0.0329"

HAT-SHAPED, RIGID FURRING CHANNELS: ASTM C 645, 7/8" DEEP, MIN. BASE-METAL

092900 GYPSUM BOARD

THICKNESS: 0.0329"

- A. SUBMITTALS: PRODUCT DATA FRO EACH TYPE INTERIOR GYPSUM BOARD: PROVIDE IN THICKNESS AND TYPE INDICATED IN THE
- ONSTRUCTION DRAWINGS IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END-TO-END BUTT JOINTS AND AS FOLLOWS:

FIXTURES, AND AS INDICATED

1. <u>GYPSUM WALLBOARD</u>: TYPE 'X', ASTM C 1396/C 1396M THICKNESS: 5/8" U.N.O. IN DRAWINGS LONG EDGES: TAPERED AND FEATURED (ROUNDED OR BEVELED) FOR PREFILLING

a. WHERE: ON ALL TOILET ROOM AND SHOWER ROOM WALLS, BEHIND ALL PLUMBING

IMPACT-RESISTANT GYPSUM BOARD: ASTM C1396/C1396M, TESTED ACCORDING TO ASTM

- SAG-RESISTANT TYPE FOR CEILING SURFACES. MOLD-RESISTANT GYPSUM BOARD: TYPE 'X', ASTM C 1396/C 1396M. WITH MOISTURE AND MOLD-RESISTANT CORE AND PAPER SURFACES
- THICKNESS: 5/8" U.N.O. IN DRAWINGS LONG EDGES: TAPERED. MOLD RESISTANCE: ASTM D3273, SCORE OF 10.

C1629/C1629M, MEETS OR EXCEEDS [LEVEL 1], [LEVEL 2], [LEVEL 3]

CORE: 5/8", TYPE 'X' SURFACE ABRASION, INDENTATION, SOFT-BODY, AND HARD-BODY IMPACT: ASTM

LONG EDGES: TAPERED

MOLD RESISTANCE: ASTM D3273, SCORE OF 10. SPECIALTY GYPSUM BOARD:

1. GYPSUM BOARD, TYPE 'C': ASTM C1396/C1396M. MANUFACTURED TO HAVE INCREASED FIRE-RESISTIVE CAPABILITY

THICKNESS: AS INIDCATED ON DRAWINGS

- LONG EDGES: TAPERED
- a. LOCATIONS: AT TILED, 'WET' WALLS CORE: 5/8", TYPE 'X' MOLD RESISTANCE: ASTM D3273, SCORE OF 10
- <u>CEMENTITIOUS BACKER UNITS:</u> ANSI A118.9 AND ASTM C1288 OR ASTM C1325, WITH MANUFACTURER'S STANDARD EDGES. THICKNESS: AS INDICATED MOLD RESISTANCE: ASTM D3273, SCORE OF 10

GLASS-MAT, WATER RESISTANT BACKING BOARD: ASTM C 1178/C1178M,

- EXTERIOR GYPSUM BOARD FOR CEILINGS AND SOFFITS:

 1. EXTERIOR GYPSUM SOFFIT BOARD: ASTM C1396/C1396M, W/ MANUFACTURER'S STANDARD BASIS OF DESIGN: GEORGIA PACIFIC "DENS-GLAS GOLD", OR APPROVED EQUAL b. CORE: AS INDICATED
- GLASS-MAT GYPSUM SHEATHING BOARD: ASTM C 1177.C1177M WITH FIBERGLASS MAT LAMINATED TO BOTH SIDES AND WITH MANUFACTURER'S STANDARD EDGES BASIS OF DESIGN: GEORGIA PACIFIC "DENSGLASS GOLD SHEATHING" CORE: AS INDICATED
- TRIM: ASTM C1047, FORMED FROM GALVANIZED OR ALUMINUM COATED STEEL SHEET, ROLLED ZINC, OR PLASTIC

OUTSIDE CORNERS: PROVIDE CORNER BEAD UNLESS NOTED OTHERWISE

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

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

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

JOINT TREATMENT MATERIALS: ASTM C475/C475M

LAYER CONTAINING THE REVEALS.

- 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. INSTALLATION:

 1. FRAMING: COMPLY WITH ASTM C 754 AND ASTM C 840 AND WITH U.S. GYPSUM'S "GYPSUM"

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 1. FRAMING: COMPLY WITH ASTM C 840 AND WITH U.S. GYPSUM WITH U.S. G
 - 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.

CONSTRUCTION HANDBOOK" ISOLATE FRAMING FROM BUILDING STRUCTURE TO

PREVENT TRANSFER OF LOADING IMPOSED BY STRUCTURAL MOVEMENT AND PROVIDE

 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 LOCATIONS: AT ALL WALLS RECEIVING FLAT OR SATIN SHEEN PAINT OR WALLCOVERING

OF JOINT COMPOUND OVER ENTIRE SURFACE AND SAND SMOOTH AFTER EACH

LOCATIONS: AT ALL WALLS RECEIVING SEMI-GLOSS OR GLOSS SHEEN PAINT,

COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES, AND APPLY THIN SKIM COAT

d. LEVEL 5 (EMBED TAPE, APPLY SEPARATE FIRST, FILL, AND FINISH COATS OF JOINT

LEVEL 2 (EMBED TAPE AND APPLY SEPARATE FIRST COAT OF JOINT COMPOUND TO

TAPE. FASTENERS, AND TRIM FLANGES AND SAND SMOOTH AFTER EACH COAT)

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.

PARAGON STAR NORTH VILLAGE

3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08

Issued For: FOR CONSTRUCTION REVISIONS

Description 3 7.20.22 ADDENDUM 2 _____

REGISTRATION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS

ARCHITECTURE

LATIMER SOMMERS

LATIMER SOMMERS

CONSTRUCTORS

LAND 3

CIVIL **GBA ENGINEERS**

LANDSCAPE

MECHANICAL

ELECTRICAL

CONTRACTOR

BOB D. CAMPBELL STRUCTURAL LATIMER SOMMERS PLUMBING

FIRE PROTECTION LATIMER SOMMERS

www.finklewilliams.com SHEET TITLE

8787 RENNER BLVD., SUITE 100

LENEXA, KANSAS 66219

913 .498.1550

PROJECT

SPECIFICATIONS

ARCHITECTURE

093013 CERAMIC TILE

- PRODUCT DATA FOR SETTING AND GROUTING MATERIALS
- THREE (3) SAMPLES OF EACH TILE SPECIFIED FOR VERIFICATION PURPOSES SHOP DRAWINGS SHOWING TILE PATTERN AND 'SOFT' JOINT LOCATIONS
- B. <u>ATTIC STOCK</u>: FURNISH 2% OF EACH TYPE OF CERAMIC TILE PACKAGED WITH PROTECTIVE
- CERAMIC TILE: COMPLY WITH STANDARD GRADE REQUIREMENTS IN ANSI A137.1 SPECIFICATIONS FOR CERAMIC TILE" FOR PRODUCTS AND SIZES INDICATED IN THE
- CONSTRUCTION DOCUMENTS. 1. FLOOR TILE SHALL HAVE A STATIC COEFFICIENT OF FRICTION OF 0.6 OR GREATER PER ASTM C 1028.
- SIZE, THICKNESS, PATTERN, COLOR: AS INDICATED IN DRAWINGS THRESHOLDS: FABRICATE TO SIZES AND PROFILES INDICATED OR REQUIRED TO PROVIDE TRANSITION BETWEEN ADJACENT FLOOR FINISHES. a. BEVEL EDGES AND 1:2 SLOPE. W/ LOWER EDGE OF BEVEL ALIGNED W/ OR UP TO

1/16" ABOVE ADJACENT FLOOR SURFACE. FINISH BEVEL TO MATCH TOP SURFACE

- D. <u>TILE BACKING PANELS</u>: REFER TO SECTION 092900.
- CRACK-ISOLATION MEMBRANE: MANUFACTURER'S STANDARD PRODUCT THAT COMPLIES WITH ANSI A118.12 FOR STANDARD PERFORMANCE AS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INTENDED. INCLUDE REINFOCEMENT AND ACCESSORIES RECOMMENDED BY THE MANUFACTURER. 1. FLUID-APPLIED MEMBRANE: LIQUID-LATEX RUBBER OR ELASTOMERIC POLYMER.

OF THRESHOLD. LIMIT HEIGHT OF THRESHOLD TO 1/2" OR LESS.

- INSTALLATION MATERIALS: PROVIDE MATERIALS COMPLYING WITH ANSI A108.02, ANSI STANDARDS REFERENCED BY TCNA INSTALLATION METHODS SPECIFIED IN THE INSTALLATION
- SETTING MATERIALS: a. PORTLAND CEMENT MORTAR (THICKSET): ANSI A108.02
- MODIFIED DRYSET MORTAR (THINSET), ANSI A118.4 FOR WALL APPLICATIONS, PROVIDE NONSAGGING MORTAR
- IMPROVED MODIFIED DRYSET MORTAR (THINSET), ANSI A118.15 FOR WALL APPLICATIONS, PROVIDE NONSAGGIN MORTAR
- GROUT:UNSANDED FOR JOINTS 1/16" WIDTH OR LESS, SANDED FOR JOINTS GREATER
- THAN 1/16" IN COLOR INDICATED OR TO BE SELECTED. a. STANDARD CEMENT GROUT: ANSI A 118.6
- LOCATION: TYPICAL INTERIOR INSTALLATIONS b. HIGH-PERFORMANCE TILE GROUT: ANSI A118.7
- LOCATION: AS INDICATED c. WATER-CLEANABLE EPOXY GROUT: ANSI A118.3
- LOCATION: FOOD SERVICE, BUILDING LOBBIES, AND RESTROOMS MISCELLANEOUS MATERIALS:
- a. TROWELABLE UNDERLAYMENTS AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY MANUFACTURER OF TILE-SETTING MATERIALS FOR INSTALLATIONS INDICATED.
- METAL EDGE STRIPS: AS INDICATED FLOOR SEALER: MANUFACTURER'S STANDARD PRODUCT FOR SEALING GROUT JOINTS AND THAT DOES NOT CHANGE COLOR OR APPEARANCE OF GROUT.
- 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.
- EXTERIOR CONCRETE WALKWAYS AND PATIOS: TCA F102 (THIN-SET MORTAR BONDED TO CONCRETE SLAB) 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 ALTERNATE METHOD
- 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 CONFLICTS: IF NOT ADDRESSED ON DRAWINGS, WHERE ELECTRICAL DEVICES OR TOILET

ACCESSORIES STRADDLE THE TRANSITION FROM THE TOP EDGE OF WAINSCOT WALL TILE TO GYPSUM BOARD SUBSTRATE, CONTACT ARCHITECT FOR RESOLUTION.

- JOINT SIZE: SET TILE WITH THE SMALLEST GROUT JOINT ACHIEVABLE AND AS RECOMMENED BY THE MFR. BASED ON THE TILE PRODUCT AND SUBSTRATE CONDITIONS. UNLESS NOTED OTHERWISE.
- 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 TO AVOID REMOVAL OF GROUT COLOR BY USE OF EXCESS WATER DURING
- INSTALLATION. FADED OR CHALKY GROUT SHALL BE CAUSE FOR REJECTION. SEALER: AFTER FULLY CURED, GROUT SHALL BE SEALED WITH TWO (2) COATS OF COMMERCIAL QUALITY PENETRATING SILICONE SEALER.

095123 ACOUSTICAL TILE CEILINGS

- A. SUBMITTALS: PRODUCT DATA FOR EACH TYPE, SAMPLES FOR EACH TYPE
- ATTIC STOCK: FURNISH 2% OF EACH TYPE OF CEILING TILE PACKAGED WITH PROTECTIVE COVERING AND LABELED FOR STORAGE.
- ACOUSTICAL TILE PRODUCTS: PROVIDE CEILING TILE IN TYPE AND SIZES INDICATED IN THE CONSTRUCTION DOCUMENTS SURFACE-BURNING CHARACTERISTICS: COMPLY WITH ASTM E 84; TESTING BY A QUALIFIED TESTING AGENCY.
 - a. FLAME-SPREAD INDEX: CLASS A ACCORDING TO ASTM E 1264 SMOKE-DEVELOPED INDEX: 50 OR LESS
- METAL 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. 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.
- 3. SEISMIC STRUTS: MANUFACTURER'S STANDARD PRODUCT DESIGNED TO ACCOMMODATE SEISMIC FORCES.
- 4. 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.
- INSTALLATION: 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 REFLECTED CEILING PLAN.
- 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. FIELD-CUT EDGES SHALL MATCH PROFILE OF FACTORY EDGES.

096513 RESILIENT BASE AND ACCESSORIES

- A. SUBMITTALS: PRODUCT DATA AND THREE (3) SAMPLES OF EACH PRODUCT
- ATTIC STOCK: FURNISH 20' OF EACH COLOR AND TYPE OF WALL BASE PACKAGED WITH PROTECTIVE COVERING AND LABELED FOR STORAGE.
- RESILIENT WALL BASE: ASTM F 1861, TYPE TS (RUBBER, VULCANIZED THERMOSET), GROUP I (SOLID. HOMOGENEOUS)
- COLORS, STYLE, AND SIZES AS INDICATED IN DRAWINGS. THICKNESS: 0.125 INCHES
- LENGTH: COILS IN MANUFACTURER'S STANDARD LENGTH
- INSIDE AND OUTSIDE CORNERS: PREFORMED
- LOCATIONS: TRANSITIONS FROM CONCRETE TO CARPET AND WHERE INDICATED IN COLOR, PROFILE, AND DIMENSIONS: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
- WALL BASE AND ACCESSORY INSTALLATION: CONFIRM THAT SOLID BACKING IS PROVIDED BEHIND ALL WALL BASE. AREAS WHERE
- GYPSUM BOARD IS HELD MORE THAN 1/2" ABOVE SLAB SHALL BE FILLED IN PRIOR TO BASE INSTALLATION.
- 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 TILE IS EXPOSED AS INDICATED IN THE FINISH SCHEDULE.

096519 RESILIENT TILE FLOORING

- A. <u>SUBMITTALS</u>: PRODUCT DATA AND THREE (3) SAMPLES OF EACH PRODUCT
- ATTIC STOCK: FURNISH 20' OF EACH COLOR AND TYPE OF TILE PACKAGED WITH PROTECTIVE COVERING AND LABELED FOR STORAGE.
- RESILIENT TILE PRODUCTS: PROVIDE FLOOR TILE IN TYPE, COLOR, SIZES AND PATTERNS AS INDICATED IN THE DRAWINGS AND COMPLYING WITH THE FOLLOWING: SOLID VINYL FLOOR TILE: STANDARD ASTM F 1700
- RUBBER FLOOR TILE: STANDARD ASTM F 1344 VINYL COMPOSITION FLOOR TILE: STANDARD ASTM F1066 STATIC DISSIPATIVE TILE: GROUNDED PER MFR RECOMMENDATIONS
- LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT, OR BLENDED HYDRAULIC CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY FLOORING MANUFACTURER TO SUIT RESILIENT PRODUCTS AND SUBSTRATE CONDITIONS. ADHESIVES: WATER-RESISTANT TYPE RECOMMENDED BY MANUFACTURER TO SUIT
- RESILIENT PRODUCTS AND SUBSTRATE CONDITIONS.
- PREPARE CONCRETE SUBSTRATES PER ASTM F 710. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS AND HARDENERS.
- THAN HALF-WIDTH. LAY TILES IN PATTERNS INDICATED WITH GRAIN DIRECTION ALTERNATING IN ADJACENT TILES, UNLESS NOTED OTHERWISE. 4. CLEAN, SEAL, AND WAX RESILIENT FLOORING IN ACCORDANCE WITH MANUFACTURER'S

LAY OUT TILES SO WIDTHS AT OPPOSITE EDGES OF ROOM ARE EQUAL AND NOT LESS

096813 TILE CARPETING

- - THREE (3) SAMPLES OF EACH CARPET OR CARPET TILE SPECIFIED SHOP DRAWINGS SHOWING CARPET PATTERN, TRANSITIONS, COLUMNS, DOORWAYS, TYPE OF INSTALLATION AND TRANSITION DETAILS TO OTHER FLOORING MATERIALS.
- B. QUALITY ASSURANCE: INSTALLER QUALIFICATIONS: CERTIFIED BY THE INTERNATIONAL CERTIFIED FLOORCOVERING INSTALLERS ASSOCIATION AT THE COMMERCIAL II CERTIFICATION
- ATTIC STOCK: FURNISH FULL-WIDTH CARPET EQUAL TO 5% OF EACH TYPE AND COLOR CARPET INSTALLED, PACKAGED WITH PROTECTIVE COVERING AND LABELED FOR STORAGE.
- CARPET PRODUCTS: PROVIDE CARPET IN PATTERNS AND COLORS AND WITH BACKINGS AS INDICATED IN THE CONSTRUCTION DOCUMENTS WITH CRITICAL RADIANT FLUX CLASSIFICATION CLASS I, NOT LESS THAN 0.45 W/SQ. CM PER ASTM E 648. ORDER ALL MATERIALS FROM THE SAME FACTORY DYE LOT.
- INSTALLATION: COMPLY WITH CRI 104, SECTION 6.1, "SITE CONDITIONS; TEMPERATURE AND HUMIDITY". FOR BROADLOOM PRODUCTS COMPLY WITH CRI 104, SECTION 8, "DIRECT GLUE-DOWN" AND SECTION 12 "CARPET ON STAIRS". FOR CARPET TILE COMPLY CRI 104, SECTION 13 "CARPET MODULES (TILES)".
- 1. VERIFY CARPET MATCH PRIOR TO CUTTING TO CONFIRM NO VARIATION BETWEEN DYE
- 2. LAY CARPET TILE IN PATTERN AS INDICATED ON CONSTRUCTION DOCUMENTS AND SO WIDTHS AT OPPOSITE EDGES OF ROOM ARE EQUAL AND NOT LESS THAN HALF-WIDTH. 3. LAY OUT BROADLOOOM CARPET TO LOCATE SEAMS IN AREAS OF LEAST TRAFFIC, AND OUT OF AREAS OF PIVOTING TRAFFIC. AT DOORWAYS, CENTER SEAMS UNDER DOOR IN
- CLOSED POSITION. BIND OR SEAL CUT EDGES AS RECOMMENDED BY CARPET
- MAINTAIN UNIFORMITY OF CARPET DIRECTION AND LAY OF PILE WITH PATTERN PARALLEL INSTALL BROADLOOM CARPET IN MANUFACTURER'S RECOMMENDED CONTACT ADHESIVE AND CARPET TILE IN MANUFACTURER'S RECOMMENDED EASY RELEASE ADHESIVE. ROLL

WITH APPROPRIATE ROLLER FOR COMPLETE CONTACT OF ADHESIVE TO CARPET

- 6. TRIM CARPET NEATLY AND TIGHT TO WALLS AND AROUND INTERRUPTIONS PARTICULARTLY WHERE STRAIGHT "NO-TOE" WALL BASE IS SPECIFIED.
- 7. AT LOCATIONS WHERE CARPET MATERIALS MEET FLOOR MATERIALS OF DIFFERENT HEIGHT, INSTALL PREMANUFACTURED RUBBER SUBFLOOR LEVELING STRIPS OR LEVELING COMPOUND FLOATED 36" MINIMUM UNDER CARPET TO DISCREETLY TAPER BETWEEN MATERIALS SO THAT TOP SURFACES MEET FLUSH.
- 8. INSTALL TRANSITION STRIPS AT CARPET TERMINATIONS AS SPECIFIED ON THE

097200 WALL COVERINGS

- A. <u>SUBMITTALS</u>: THREE (3) SAMPLES OF EACH WALLCOVERING SPECIFIED.
- 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
- PRODUCTS: PROVIDE WALLCOVERING IN PATTERNS AND COLORS AS INDICATED IN THE CONSTRUCTION DOCUMENTS WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF NOT MORE THAN 25 AND 450 RESPECTIVELY, PER ASTM E 84. ORDER ALL MATERIALS FROM THE SAME FACTORY DYE LOT.
- CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR WALLCOVERING BOND, INCLUDING MOLD, MILDEW, OIL, GREASE, INCOMPATIBLE PRIMERS AND DIRT AND PRIME

PRIME NEW GYPSUM BOARD WITH PRIMER RECOMMENDED BY WALLCOVERING

- MANUFACTURER. 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
- WHERE WALL SURFACES EXTEND INTO THE SAME PLANE AS VERTICAL FACES OF CEILING SOFFITS, CONTACT ARCHITECT FOR INSTRUCTIONS ON FINISHING OF VERTICAL FACES.
- <u>CLEANING</u>: 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.

- INSTALL FRP PANELS TO 4'-0" HIGH AND INCLUDING TRIM AND ACCESSORIES HIGH ON ALL WALLS BEHIND JANITIOR SINKS AND MOP BASINS (COLOR TO BE SELECTED).
- BULLET RESISTANT FIBER-GLASS REINFORCED STRUCTURAL POLYESTER LAMINATE PANELS TO BE INSTALLED BENEATH SECURITY COUNTER, FULL LENGTH OF SECURITY ROOM UP TO 2'-8" AFF. INSTALL PER MANUFACTURER'S RECOMMENDATION.
- a. FIBERGLASS COMPOSITE PANEL WITH WOVEN ROVING BALLISTIC GRADE FIBERGLASS AND RESIN FORMED IN RIGID PANEL.
- RATING: UL 752 LEVEL 3, NIJ TYPE IIIA THICKNESS: 1/2"
- INSTALLATION:

PRODUCTS: FG-300 BY INSULGARD OR APPROVED EQUAL

SAME MATERIAL AS A BATTEN, FULL LENGTH OF JOINT. b. REST FULL LOAD OF PANEL TO REST SECURELY AGAINST SLAB.

SHEEN SPECIFIED.

- SUBMITTALS: PRODUCT DATA AND THREE (3) DRAW-DOWN SAMPLES OF EACH COLOR AND
- PRODUCTS: PROVIDE MANUFACTURER'S BEST QUALITY PAINTS OF COLOR AND SHEEN AS 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.
- APPLICATION:
 1. EQUIPMENT: APPLY COATINGS BY BRUSH, ROLLER, SPRAY, OR OTHER APPLICATORS ACCORDING TO COATING MANUFACTURER'S WRITTEN INSTRUCTIONS. WHEN SPRAYED, EXTERIOR COATINGS SHALL BE BACK-ROLLED FOLLOWING SPRAY APPLICATION. USE ROLLERS FOR FINISH COAT ON INTERIOR WALLS AND CEILINGS PIGMENTED (OPAQUE) FINISHES: COMPLETELY COVER SURFACES TO PROVIDE A SMOOTH, OPAQUE SURFACE OF UNIFORM APPEARANCE. PROVIDE A FINISH FREE OF
- CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS. TRANSPARENT (CLEAR) FINISHES: USE MULTIPLE COATS TO PRODUCE A GLASS-SMOOTH SURFACE FILM OF EVEN LUSTER. PROVIDE A FINISH FREE OF LAPS, RUNS, CLOUDINESS, COLOR IRREGULARITY, BRUSH MARKS, ORANGE PEEL, NAIL HOLES OR OTHER SURFACE
- PAINT SYSTEMS EXTERIOR: PROVIDE THE FOLLOWING PAINT SYSTEMS FOR THE EXTERIOR
- 1. TILT-UP CONCRETE WALL PANELS: TEXTURED CEMENT-BASED ACRYLIC COATING (SHERWIN WILLIAMS ULTRACRETE, OR EQUAL); TWO COATS OVER PRIMER. PAINTING OVER SEALANT JOINTS IS PROHIBITED.
- CONCRETE, STUCCO, OR MASONRY: SEMIGLOSS ACRYLIC ENAMEL: TWO COATS OVER CONCRETE MASONRY UNITS: SEMIGLOSS ACRYLIC ENAMEL: TWO COATS OVER BLOCK
- EXTERIOR GYSPUM SOFFIT BOARD: SEMIGLOSS ACRYLIC ENAMEL: TWO COATS OVER
- SMOOTH WOOD AND WOOD TRIM: SEMIGLOSS ALKYD ENAMEL: TWO COATS OVER PRIMER 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 SUBSTRATE INDICATED
 - 1. CONCRETE AND MASONRY: ACRYLIC ENAMEL; SHEEN AS INDICATED: TWO COATS OVER CONCRETE MASONRY UNITS: ACRYLIC ENAMEL; SHEEN AS INDICATED: TWO COATS OVER **BLOCK FILLER**
 - GYPSUM BOARD: ACRYLIC ENAMEL; SHEEN AS INDICATED: TWO COATS OVER PRIMER 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 FERROUS METAL: SEMIGLOSS ACRYLIC ENAMEL: TWO COATS OVER FERROUS METAL
 - 8. ZINC COATED METAL: ACRYLIC ENAMEL; SHEEN AS INDICATED: TWO COATS OVER GALVANIZED METAL PRIMER

END DIVISION 9 -

<u>DIVISION 10 - SPECIALTIES</u>

102113 TOILET COMPARTMENTS

CONSTRUCTION DOCUMENTS

- SUBMITTALS: SHOP DRAWINGS INCLUDING DIMENSIONED PLANS, ELEVATIONS, CONNECTION DETAILS, AND DETAILS OF WALL SUPPORTS, PRODUCT DATA, AND COLOR CHARTS
- PANEL, PILASTER, AND DOOR MATERIALS (TYPE AS INDICATED ON DRAWINGS PHENOLIC CORE: BASIS OF DESIGN BRADLEY, MILLS PARTITIONS, FLOOR BRACED, SERIES
- PILASTER SHOES AND SLEEVES (CAPS): STAINLESS STEEL, NOT LESS THAN 3" HIGH)
- BRACKETS: STIRRUP, CHROME-PLATED, NONFERROUS, CAST ZINC ALLOY (ZAMAC), STAINLESS STEEL, OR CLEAR ANODIZED ALUMINUM. FAB<u>RICATION</u>: FLOOR ANCHORD TOILETS WALL MOUNTED UNINALS AS INDICATED ON
- 1. DOORS: 3/4" THICK 24" 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: STAINLESS STEEL COMPLYING WITH AMERICANS WITH DISABILITIES ACT FOR HANDICAP ACCESSIBLE COMPARTMENTS. HINGES: SELF-CLOSING, ADJUSTABLE TO HOLD DOOR OPEN AT ANY ANGLE UP TO 90
- 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" ETWEEN 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. SET HINGES ON IN-SWINGING DOORS TO HOLD OPEN APPROXIMATELY 30 DEGREES FROM CLOSED POSITION WHEN UNLATCHED. SET HINGES ON OUT-SWINGING DOORS TO

101423 SIGNAGE

REFERENCE CONSTRUCTION DRAWINGS FOR TYPE, SIZE, AND LOCATIONS FOR SIGNAGE.

102800 TOILET AND BATH ACCESSORIES REFERENCE CONSTRUCTION DRAWINGS FOR TYPE, QUANTITY, AND LOCATIONS OF TOILET AND BATH

RETURN TO FULLY CLOSED POSITION.

104416 FIRE EXTINGUISHERS AND CABINETS:

REFERENCE CONSTRUCTION DRAWINGS FOR TYPE, SIZE AND LOCATIONS OF FIRE EXTINGUISHERS

AND CABINETS. - END DIVISION 10 -

ACCESSORIES.

DIVISION 11 - EQUIPMENT

113100 APPLIANCES

REFERENCE CONSTRUCTION DRAWINGS FOR TYPE, QUANTITY, AND LOCATIONS OF ANY a. BUTT JOINTS ARE BALLISTICALLY WEAK, REINFORCE USING A 4" WIDE STRIP OF CONTRACTOR FURNISHED AND/OR INSTALLED APPLIANCES.

END DIVISION 11 -

DIVISION 12 - FURNISHINGS

- 122113 HORIZONTAL LOUVER BLINDS
- A. <u>SUBMITTALS</u>: PRODUCT DATA AND MATERIAL SAMPLES
- CONFIGURATION: ONE-PIECE UNITS EXTENDING FROM WINDOW HEAD TO SILL, UNLESS NOTED OTHERWISE. SEE CONSTRUCTION DRAWINGS FOR MOUNTING LOCATION (I.E.
- FACE OR BETWEEN-JAMB MOUNTED) TYPE: 2" COMPOSITE BLINDS WITH MANUAL WAND TILT OPERATION COMPLYING WITH
- AWCMA DOCUMENT 1029, NONCORRODIBLE OR CORROSION RESISTANT-COATED PERMANENTLY LUBRICATED INTERNAL PARTS FINISH: MATCH FINISH OF WINDOW FRAMING AS SELECTED BY ARCHITECT DURING SUBMITTAL PROCESS.
- <u>INSTALLATION</u>: FURNISH AND INSTALL BLINDS ON ALL EXTERIOR GLASS EXCEPT LOBBY AND
- ADJUST BLINDS FOR SMOOTH OPERATION THROUGH ENTIRE OPERATIONAL RANGE CLEAN SURFACES JUST PRIOR TO OCCUPANCY.

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 OPERATION AND MAINTENANCE DATA
- ROLLER SHADE HARDWARE, CHAIN, AND SHADECLOTH: 10 YEARS

a. OPENNESS FACTOR: 3%, 5%, 10%, 15%

CONCEALED FASTENERS.

- ROLLER SHADE MOTORS AND CONTROL SYSTEMS: 5 YEARS ACCEPTABLE MANUFACTURERS: MECHOSHADE SYSTEMS, INC., HUNTER-DOUGLAS CONTRACT, WT SHADE, OR APPROVED EQUAL. MUST OBTAIN ROLLER SHADES FROM SINGLE SOURCE FROM SINGLE MANUFACTURER
- CONFIGURATION: ONE-PIECE UNITS EXTENDING FROM WINDOW HEAD TO SILL, UNLESS NOTED OTHERWISE. SEE CONSTRUCTION DRAWINGS FOR MOUNTING LOCATION (I.E. ABOVE WINDOW HEAD, FACE OF FRAME OR BETWEEN-JAMB MOUNTED). PROVIDE
- a. 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 SELECTED FOM MANUFACTURER'S FULL AVAILABLE RANGE.
- b. FIRE-TEST RESPONSE CHARACTERISTICS: COMPLY WITH NFPA 701-99 VINYL ROOM-DARKENNG SHADECLOTH: BLACKOUT MATERIAL, WASHABLE AND COLORFAST, LAMINATED AND EMBOSSED VINYL COATED FABRIC, 0.012" THICK BLACKOUT MATERIAL WITH VINYL FINISH ON WINDOW SIDE AND FABRIC FINISH ON ROOM SIDE. a. FIRE-TEST RESPONSE CHARACTERISTCIS: COMPLY WITH NFPA 701-99
- 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.

POCKETS WITH EXPOSED EXTRUDED ALUMINUM CLOSURE MOUNT, TILE SUPPORT, AND REMOVABLE CLOSURE PANEL TO PROVIDE ACCESS TO SHADES. c. SIDE AND/OR SILL CHANNELS: WHERE INDICATED FOR ROOM-DARKENING SHADES, FURNISH EXTRUDED ALUMINUM CHANNELS WITH POLYBOND EDGE SEALS WITH

SHADE POCKET: WHERE INDICATED, FURNISH EXTRUDED ALUMINUM SHADE

- INSTALLATION: FURNISH AND INSTALL SHADES AS INDICATED ON DRAWINGS. INSTALL SHADES AFTER FINISH WORK IS COMPLETE AND AMBIENT TEMPERATURE AND HUMIDITY ARE AT LEVELS INTENDED FOR OCCUPANCY. 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.

124813 FLOOR MATS AND FRAMES REFERENCE CONSTRUCTION DRAWINGS FOR TYPE, SIZE, AND LOCATION OF FLOOR MATS AND

DIVISION 14 - CONVEYING SYSTEMS

142400 HYDRAULIC ELEVATORS

- END DIVISION 12 -

FRAMES.

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 INSPECTION AND ACCEPTANCE CERTIFICATES AND OPERATING PERMITS AS REQUIRED BY AUTHORITIES HAVING JURISDICTION WARRANTY: MANUFACTURER'S STANDARD WRITTEN WARRANTY AGREEING TO REPAIR,
- FROM TEH DATE OF SUBSTANTIAL COMPLETION. FURNISH MAINTENANCE AND CALL BACK SERVCIE FOR A PERIOD OF 12 MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION. ELEVATORS: 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: BASIS OF DESIGN MOVE-IN DOCK: KONE MONOSPACE 500 4500 LB

RESTORE, OR REPLACE DEFECTS IN ELEVATOR WORK FOR A PERIOD OF (12) MONTHS

BASIS OF DESIGN FOR APARTMENT LOBBY AND NORTH ELEVATOR: KONE MONOSPACE 500

11/2-2" WIDE FACES.

- **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
- REAR AND SIDE WALLS: a. REINFORCED ENAMELED STEEL CAB WALLS WITH PANELS IDENTIFIED ON THE PLANS AND WITH SOUND DEADENING MATERIAL APPLIED TO THE EXTERIOR OF THE
- CEILING: AS IDENTIFIED ON THE PLANS. FLOOR: SUBFLOOR DESIGNED TO RECEIVE PORCELAIN TILE AS SCHEDULED ON THE
- HANDRAILS: MANUFACTURER'S STANDARD AS IDENTIFIED ON THE PLANS. SILL: EXTRUDED ALUMINUM WITH GROOVED SURFACE, 1/4" THICKNESS. PROTECTION PADS: FURNISH ONE (1) SET OF STUDS AND PROTECTION PADS.
- **OPERATING SYSTEM: AS DEFINED IN ASME A17.1** SINGLE, THREE OF MORE STOPS: SELECTIVE-COLLECTIVE AUTOMATIC OPERATION

ABOVE EACH HOISTWAY ENTRANCE AT GROUND FLOOR.

OF NONSHRINK, NONMETALLIC GROUT

- 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. 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. HALL LANTERNS WITH ILLUMINATED ARROWS: MATCH FINISH OF HALL PUSH BUTTON STATIONS. MOUNT ABOVE DOOR FRAME. HALL POSITION INDICATOR: MATCH FINISH OF HALL PUSH BUTTON STATIONS. MOUNT

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

ALIGN CYLINDER, ANCHOR SECURELY IN PLACE AT PIT FLOOR, AND FILL VOIDS WITH FINE

SEAL BETWEEN WELL CASING, PROTECTIVE CASING OR CYLINDER AND PIT FLOOR WITH 4"

- STOP AND REOPEN.
- DRILL HOLES AND INSTALL CYLINDER IN PROTECTIVE CASING WITHIN WELL HOLES OR CASINGS AFTER REMOVING WATER AND DEBRIS
 - 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.

DIVISION 15 - MECHANICAL

SEE MECHANICAL PLANS AND SPECIFICATIONS

DIVISION 16 - ELECTRICAL

SEE ELECTRICAL PLANS AND SPECIFICATIONS

DIVISION 21 - FIRE SUPPRESSION

- SEE ELECTRICAL PLANS FOR SPECIFICATION OF FIRE ALARM SYSTEMS. B. 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
- 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, 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 N SUSPENDED ACOUSTICAL TILE CEILINGS AND SHALL BE LAID OUT SYMMETRICALLY IN GYPSUM BOARD CEILINGS.



PARAGON STAR NORTH VILLAGE

3200 NW PARAGON PKWY

LEE'S SUMMIT, MO 64081 Project No.: 18017,19050.07,19050.08

Issued For: FOR CONSTRUCTION REVISIONS



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE **GBA ENGINEERS**

LANDSCAPE STRUCTURAL BOB D. CAMPBELL

CIVIL

PLUMBING

ELECTRICAL

CONTRACTOR

MECHANICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

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SHEET TITLE **PROJECT**

SPECIFICATIONS