Jones Gillam Renz Architects

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ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

JONES GILLAM RENZ DOCUMENT JGR 710

PROJECT: **Landmark on Cypress**
Historic Rehabilitation
Abilene, Texas

OWNER: **OPG Cypress Partners, LLC**
Dan Maximuk
234 N. Santa Fe Ave, Suite A
Salina, KS 67401

CONTRACTOR: **MCP Group**
3501 SW Fairlawn Rd.
Topeka, KS 66614

Report No. **Two (2)**

Date **April 28, 2026**

Architect's Proj No. **25-3483**

Contract For: General Construction
Mechanical, Electrical

The work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Prior to proceeding in accordance with these instructions, indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect.

DESCRIPTION:

Contractor to make adjustments as needed and required per the modifications as indicated on attached drawings and in the below descriptions:

1. Sheet A2.1 – Detail AS12.1 callout has been added to the mullion intersection at Units #102 and #103.
2. Sheet A2.2 - Detail AS12.1 callout has been added to the mullion intersection at Units #202, #204 and #205.
3. Sheet A2.8
    a. Detail A – First Floor Finish Plan
        i. Detail Callout D-A2.8 has been added
        ii. Trench & repair locations have been indicated in the historic terrazzo areas.
        iii. Units #103, #104, #105 & #106 – bathrooms have been changed to LVT flooring.
    b. Detail B – Second Floor Finish Plan
        i. Units #200 and #201 – bathrooms have been changed to wood flooring
        ii. Units #202, #203, #204 and #205 – bathroom shave been changed to LVT flooring
    c. Detail C – Third Floor Finish Plan
        i. All Unit bathrooms have been changed to wood flooring
        ii. Hallway 307, 310 and 311 have been changed to reflect accurate historic finish.
    d. Detail D has been added
    e. Specific Floor Finish Notes – Notes 2 – 7 have been added.
    f. Flooring Legend – New Conc or terrazzo patch designation has been added
4. Sheet A2.9 – Sheet has been added showing floor finishes for Floors 4, 5, 6 & 7.
5. Sheet A3.1
    a. Finishes around the base of the building have been updated to reflect existing conditions discovered upon removal of the pre-cast panels.
    b. Notes at windows E1 & E2 have been changed: Existing window frames, glazing and metal panels to remain. Repair Replace broken components are needed. Clean & restore. Existing insulated metal panels between windows are to remain. Clean and restore.
6. Sheet A3.2
    a. Finishes around the base of the building have been updated to reflect existing conditions discovered upon removal of the pre-cast panels.
    b. Locations of tandem exhaust vents have been adjusted to match MEP plans.
    c. Notes at windows E4 have been changed: Existing window frames, glazing and metal panels to remain. Repair Replace broken components are needed. Clean & restore. Existing insulated metal panels between windows are to remain. Clean and restore.
7. Sheet A3.3 - Notes at windows E2 & E4 have been changed: Existing window frames, glazing and metal panels to remain. Repair Replace broken components are needed. Clean & restore.
8. Sheet A3.4 – Notes at windows E4 have been changed: Existing window frames, glazing and metal panels to remain. Repair Replace broken components are needed. Clean & restore.
9. Sheet A7.3 – Note 7 has been added to the notes and the plan. (Only applies to Third Floor reflected ceiling plan).
10. Sheet A8.1 - 18" vertical grab bars have been added in Toilets #113 & #114.
11. Sheet A8.2 – 18" vertical grab bars have been added Accessible Unit Bathrooms: Types 1, 2 & 3. Towel bar has been relocated in bathroom Type 3.
12. Sheet A10.3 – Window Types E1, E2, E4 & E5 have been revised to show Existing to remain.

13. Supplemental Sheet ASI2.1 – Window mullion detail has been added. Gordon Mullion Mate Plus will be used at locations where walls intersect with storefront window jambs. See attached Gordon Mullion specification/information.
14. M1.1 - Removed floor console units & Added one wall mount indoor unit
15. M1.2 – New OU shown, replaces previous unit serving Commercial Space
16. M6.1 – Revised mini-split schedule
17. E1.7 – Revised power module and elevator shaft disconnect notes
18. E6.2 – Revised panel H1 one-lined diagram
19. E6.4 – Revised panel H1 schedule
20. E6.6 – Revised breaker size for new outdoor unit

Attachments:

1. Revised & Added Architectural Sheets: A2.1, A2.2, A2.8, A2.9, A3.1, A3.2, A3.3, A3.4, A7.3, A8.1, A8.2, A10.3
2. Supplemental Sheet ASI2.1 & Gordon Mullion Mate Information
3. Revised MEP Sheets: M1.1, M1.2, M6.1, E1.7, E6.2, E6.4, E6.6

Issued by: Jones Gillam Renz Architects PO Box 2928, Salina, KS 67402
Maggie Gillam, Project Manager 785-827-0386 mgillam@jgrarchitects.com

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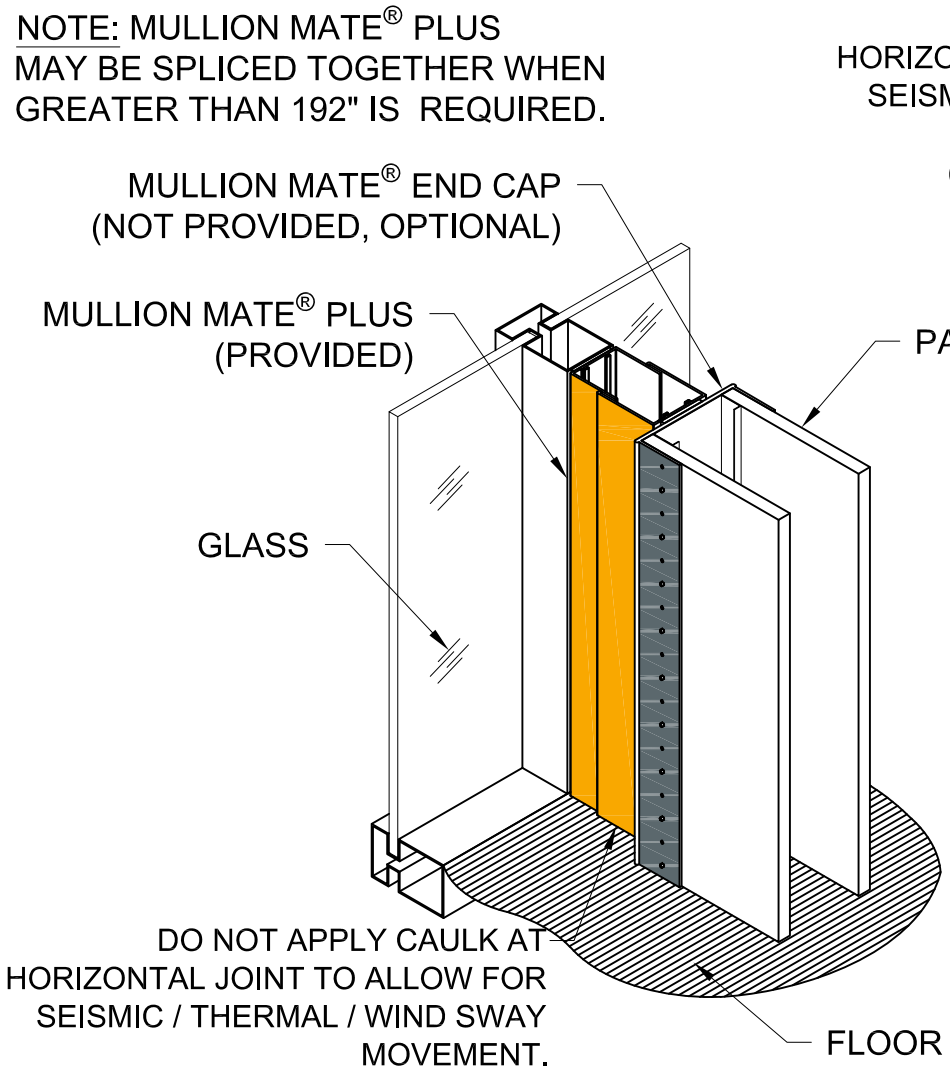
Copies to:

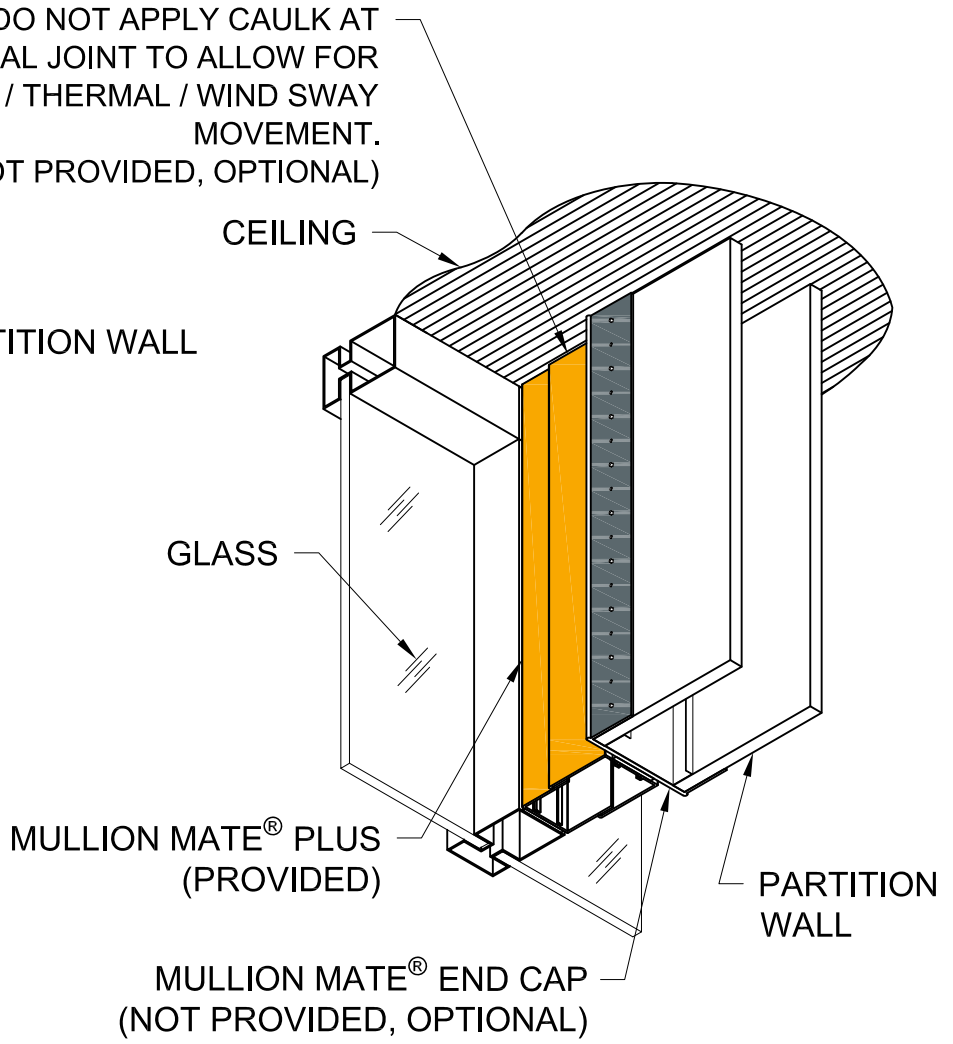
MCP Group – Eric Hubener, Will Allen, Brady Mulroy, Jayna Sanchez, Jeff Noorda, Tanner Jones
OPG - Dan Maximuk, Amanda Klaus, April Engstrom, Caroline Hurst
JGR – Maggie Gillam, BJ Prichard, Ryan Lies, Brent Engellant, Michael Boerst

NOTE: MULLION MATE® PLUS MAY BE SPLICED TOGETHER WHEN GREATER THAN 192" IS REQUIRED.



NOTE: EACH KIT INCLUDES, GASKET AND ACOUSTICAL CAULK.
ACOUSTICAL CAULK IS PROVIDED AS AN OPTIONAL ACCESSORY AND IS SUPPLIED IN A CLEAR, PAINTABLE FINISH.
END CAPS ARE OPTIONAL ACCESSORIES.

DETAIL AT FLOOR



DETAIL AT CEILING

U.S. Patent No. 12,442,181

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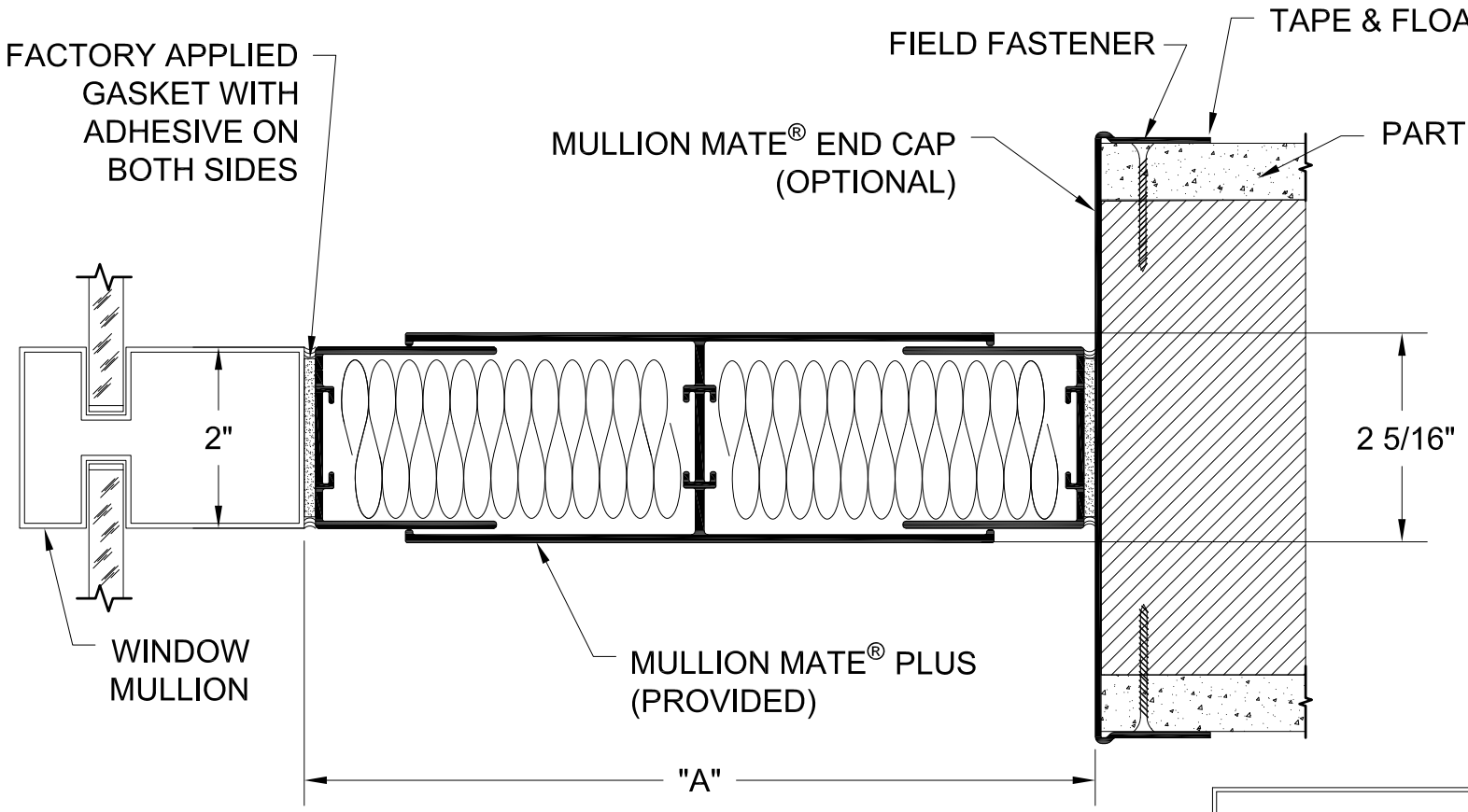
PARTITION GAP CLOSURES
MULLION MATE PLUS
WALL-TO-MULLION ISO VIEW



SECTION AT MULLION TO WALL

NOTE: EACH KIT INCLUDES, GASKET AND ACOUSTICAL CAULK.
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END CAPS ARE OPTIONAL ACCESSORIES.

U.S. Patent No. 12,442,181

MULLION MATE® SIZING	
PRODUCT	DIM "A"
MULLION MATE® PLUS - 7	7" TO 8 15/16"
MULLION MATE® PLUS - 9	9" TO 13 1/2"

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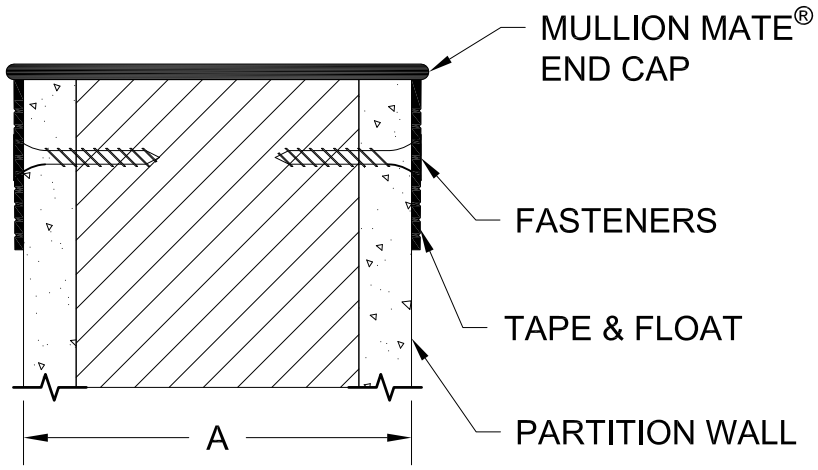
PARTITION GAP CLOSURE
MULLION MATE PLUS
7 & 9 SECTION AT MULLION



MULLION MATE® END CAPS	
PART #	"A"
MMEC-375	3 3/4"
MMEC-487	4 7/8"
MMECBF-518	5 1/8"
MMECBF-514	5 1/4"
MMEC-512	5 1/2"
MMEC-600	6"
MMEC-618	6 1/8"
MMEC-725	7 1/4"
MMEC-812	8 1/2"

* CONTACT FACTORY FOR OTHER SIZE OPTIONS

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PARTITION GAP CLOSURES
MULLION MATE PLUS
END CAP SECTION

PLAN NOTES

1. REF SHEET A2.0 FOR UNIT GENERAL NOTES PARTITION SCHEDULE, KITCHEN/BATH MATRIX AND STANDARD DETAILS.

ROOM 100 LEASING OFFICE 100
FURR W/ 2-LAYERS 5/8" TYPE X G.B. OVER 3 5/8" MTL STUDS (2hr RATED)
RADON PIPE REF. MECH.
VESTIBULE 108
COMMERCIAL SPACE 2 115
HALL 111
METER CENTER
FIRE SPRINKLER ROOM 110
EXIST. KEY CARD OPERATOR TO BE MODIFIED OR REPLACED W/ NEW TO FIT OWNER' SECURITY NEEDS (COORD. W/ OWNER)
SHADED AREA INDICATES 'LID' OVER FIRE SPRINKLER ROOM
EXIST. STEEL COLUMNS TO BE FURRED W/ 2-LAYERS 5/8" TYPE X G.B. OVER 3 5/8" MTL STUDS OR FIRE FOAM PER SPEC. ALL PENETRATIONS TO BE FIRE CAULK (2hr RATED)
STORAGE 109
MECHANICAL 121
COMMUNITY ROOM 117
MAIL CENTER
STOR. 118
STOR. 119
HALL 124
STAIR S2
NEW OPENING
APT. #106 UNIT 2E 2 BEDROOM 106
LIVING ROOM
KITCHEN TYPE 5B
BEDROOM
BATH TYPE 4
MECHANICAL
CLOSET
MECH. 122
STAINLESS STEEL COVER
SLOPE DOWN
MECH. 123
NEW WALL MOUNTED WOOD HANDRAILS
PATCH WALL TO MATCH EXIST. AS REQ'D.
STAIR S1
ELEV. E1
IT 120
HALL 112
TOILET 113
TOILET 114
STORAGE 126
KITCHEN TYPE 7
KITCHEN TYPE 1
HALL 116
LOBBY 107
APT. #101 UNIT 1B 1 BEDROOM 101
APT. #102 UNIT 2B 2 BEDROOM 102
APT. #103 UNIT 2A 2 BEDROOM 103
APT. #104 UNIT 1C 1 BEDROOM 104
APT. #105 UNIT 1D 1 BEDROOM 105
RADON PIPE REF. MECH.
FILL IN OPENING W/ 2-LAYERS 5/8" TYPE X G.B. OVER 4" 'C-T' MTL STUDS & LINER PANEL (2hr RATED)
COMMERCIAL SPACE 1 125
ASI 2.1

A FIRST FLOOR PLAN
3/16"=1'-0"

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ASI 2	4-28-2026

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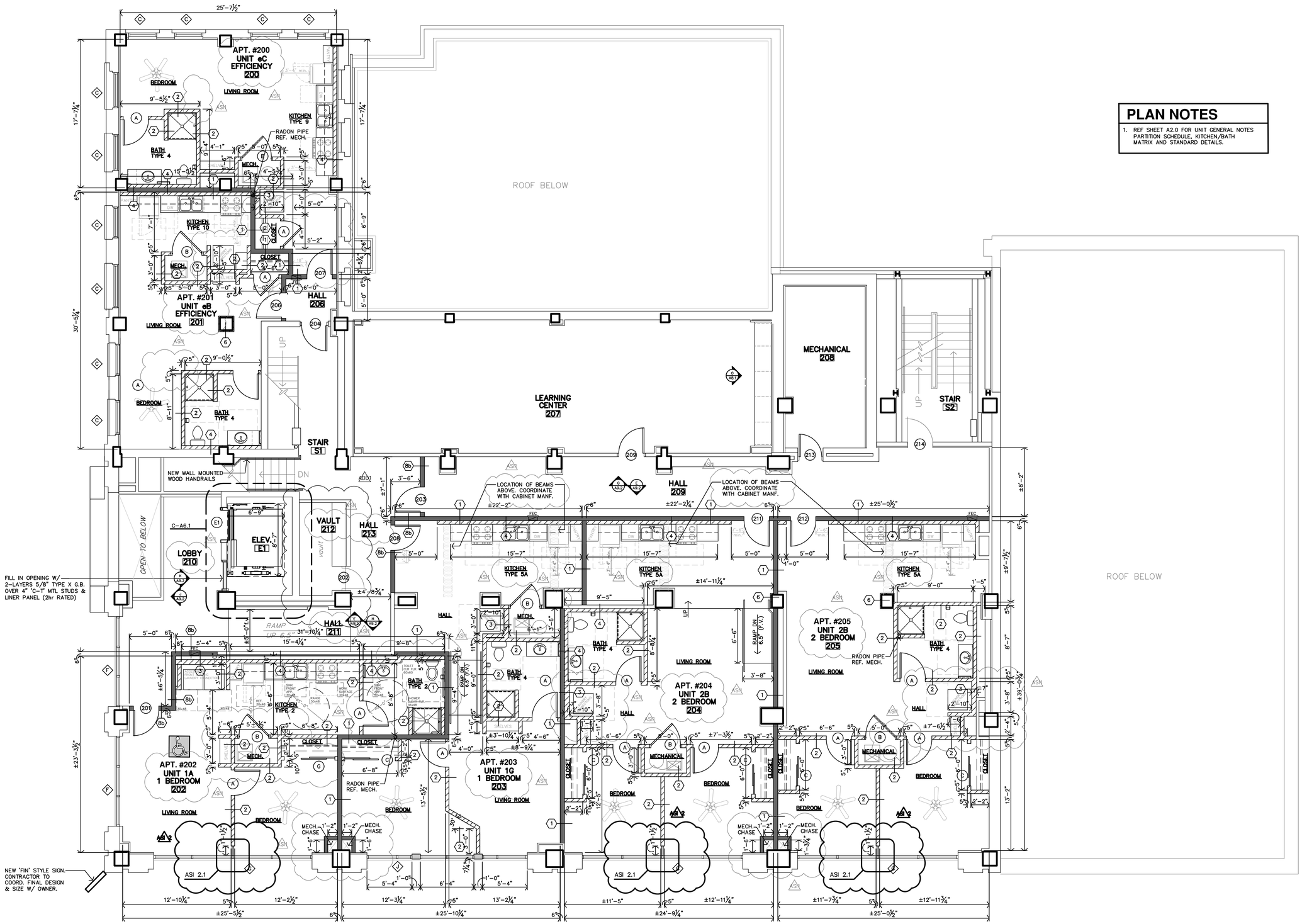
A2.1



PLAN NOTES

1. REF SHEET A2.0 FOR UNIT GENERAL NOTES PARTITION SCHEDULE, KITCHEN/BATH MATRIX AND STANDARD DETAILS.

A SECOND FLOOR PLAN
3/16"=1'-0"

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HISTORIC REHABILITATION - APARTMENTS
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72854
STATE OF TEXAS

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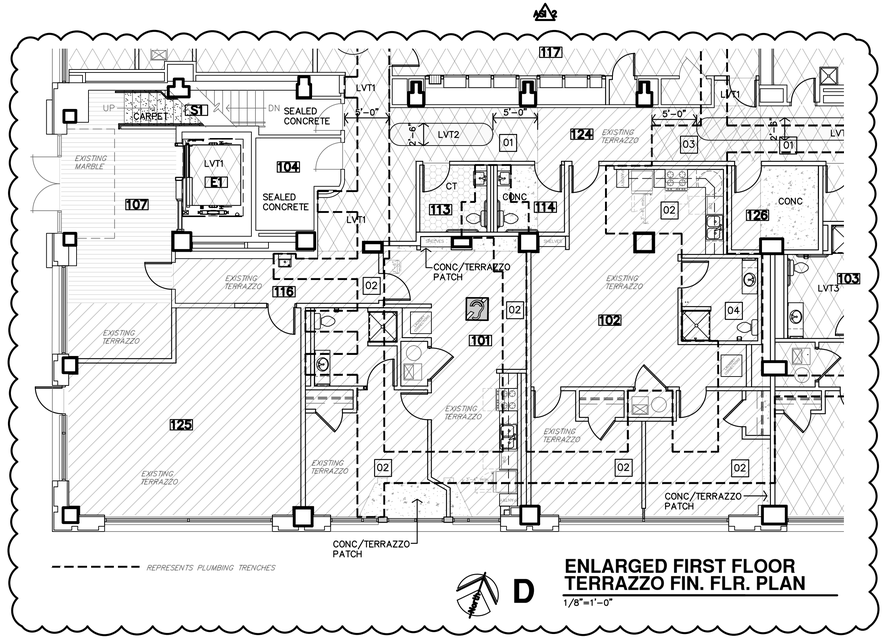
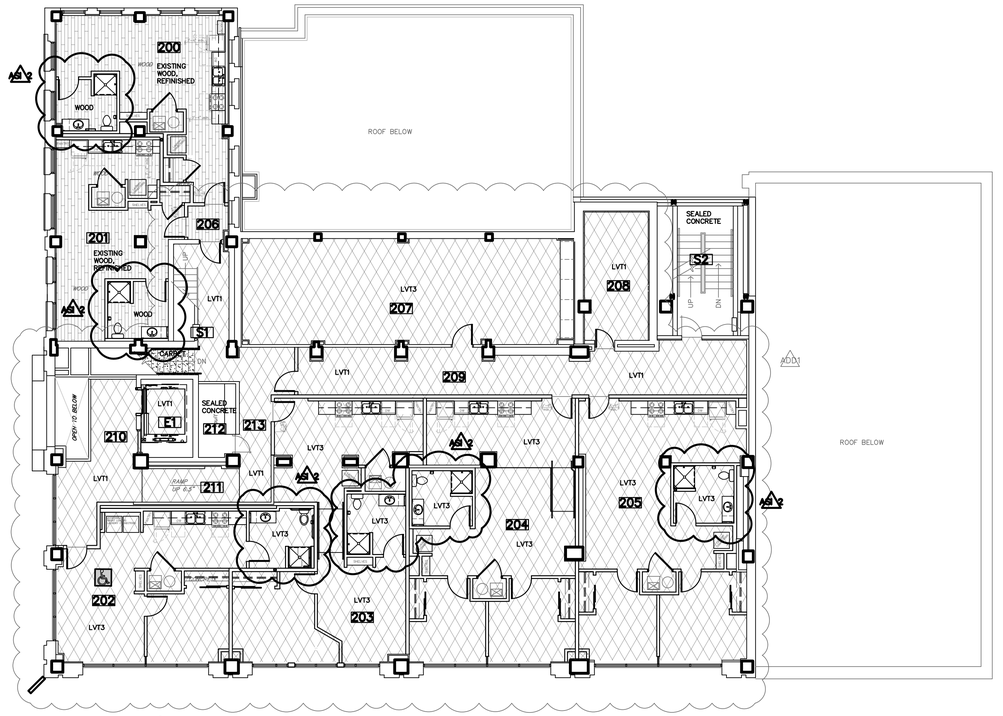
A2.2



D **ENLARGED FIRST FLOOR TERRAZZO FIN. FLR. PLAN**
1/8"=1'-0"



B **SECOND FLOOR FINISH PLAN**
3/32"=1'-0"

GENERAL FLOOR FINISH NOTES

1. COLOR VARIATIONS ARE NOTED WITH A (#) BEHIND THE FINISH MATERIAL DENOTATION. (EXAMPLE: LVT2)
2. ALL PRODUCTS/COLORS/INSTALLATION PATTERNS/ETC. WILL BE LISTED IN THE SPECIFICATIONS

SPECIFIC FLOOR FINISH NOTES

01 LVT FLOOR ACCENT. REFERENCE SPECIFICATIONS FOR COLORS.

02 UNIT 101, UNIT 102 AND HALLWAY 116: WHERE TERRAZZO WAS REMOVED FOR PLUMBING TRENCHES, IT SHALL BE PATCHED WITH NEW TERRAZZO TO MATCH EXISTING. (ALTERNATE: CONCRETE THAT MATCHES EXISTING TERRAZZO IN COLOR, TEXTURE, ETC.)

03 HALLWAY 124: WHERE TERRAZZO WAS REMOVED FOR PLUMBING TRENCHES, EXTEND LVT OVER TO COVER PATCH.

04 UNIT 102 BATHROOM: WHERE TERRAZZO WAS REMOVED FOR PLUMBING TRENCHES AT BATHROOM AREA. REPLACE WITH CERAMIC TILE TO MATCH OTHER NEW BATHROOMS.

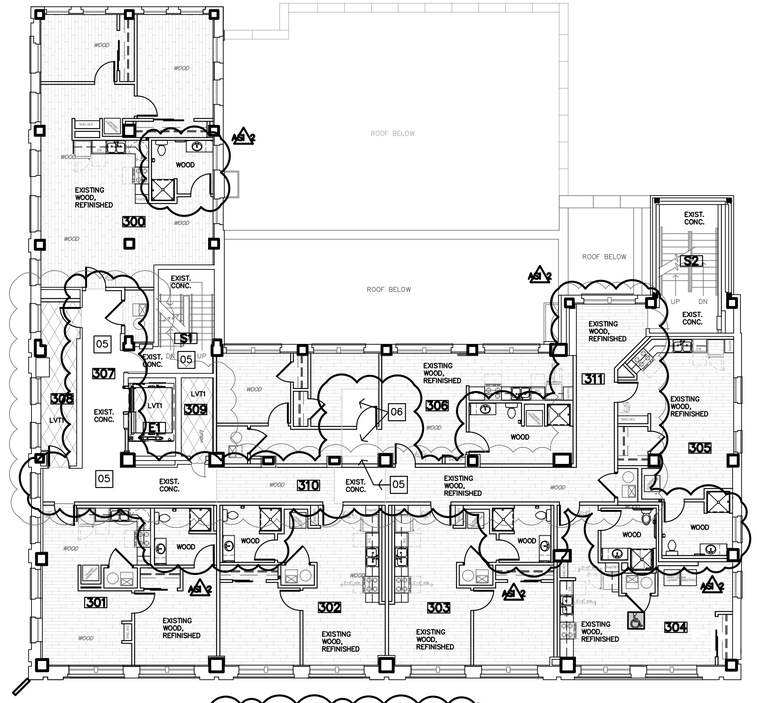
05 EXISTING SEALED/PAINTED CONCRETE FLOOR TO REMAIN. REPAIR AS NEEDED. CLEAN AND RESTORE.

06 EXISTING, UNFINISHED CONCRETE FLOOR. REPAIR AND PATCH AS NEEDED. SEAL/PAINT.

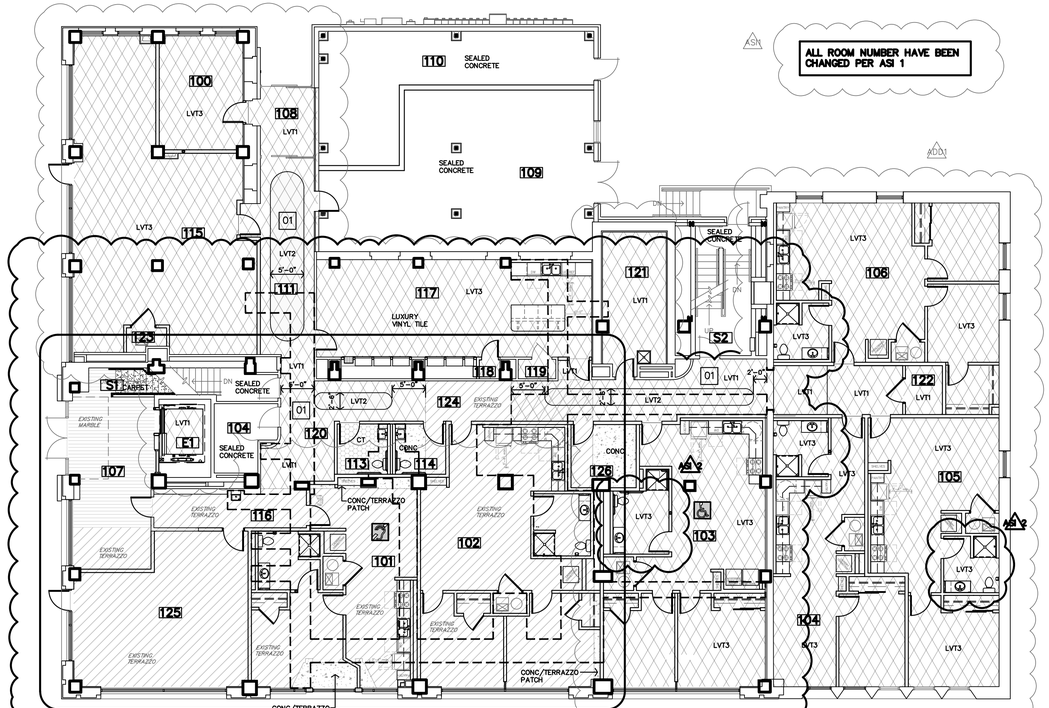
07 EXISTING UNFINISHED CONCRETE FLOOR. REPAIR AND PATCH AS NEEDED. PREP FLOORING FOR INSTALLATION OF NEW LVT.

FLOORING LEGEND

- EXISTING MARBLE
- EXISTING TERRAZO
- EXISTING WOOD
- EXISTING SEALED CONCRETE
- NEW CARPET
- NEW LUXURY VINYL TILE (LVT)
- NEW CERAMIC TILE
- NEW CONC. OR TERRAZZO PATCH



C **THIRD FLOOR FINISH PLAN**
3/32"=1'-0"



A **FIRST FLOOR FINISH PLAN**
3/32"=1'-0"

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A2.8

GENERAL FLOOR FINISH NOTES

1. COLOR VARIATIONS ARE NOTED WITH A (#) BEHIND THE FINISH MATERIAL DENOTATION. (EXAMPLE: LVT2)
2. ALL PRODUCTS/COLORS/INSTALLATION PATTERNS/ETC. WILL BE LISTED IN THE SPECIFICATIONS

SPECIFIC FLOOR FINISH NOTES

01 LVT FLOOR ACCENT. REFERENCE SPECIFICATIONS FOR COLORS

02 UNIT 101, UNIT 102 AND HALLWAY 116: WHERE TERRAZZO WAS REMOVED FOR PLUMBING TRENCHES, IT SHALL BE PATCHED WITH NEW TERRAZZO TO MATCH EXISTING. (ALTERNATE: CONCRETE THAT MATCHES EXISTING TERRAZZO IN COLOR, TEXTURE, ETC.)

03 HALLWAY 124: WHERE TERRAZZO WAS REMOVED FOR PLUMBING TRENCHES, EXTEND LVT OVER TO COVER PATCH.

04 UNIT 102 BATHROOM: WHERE TERRAZZO WAS REMOVED FOR PLUMBING TRENCHES AT BATHROOM AREA. REPLACE WITH CERAMIC TILE TO MATCH OTHER NEW BATHROOMS.

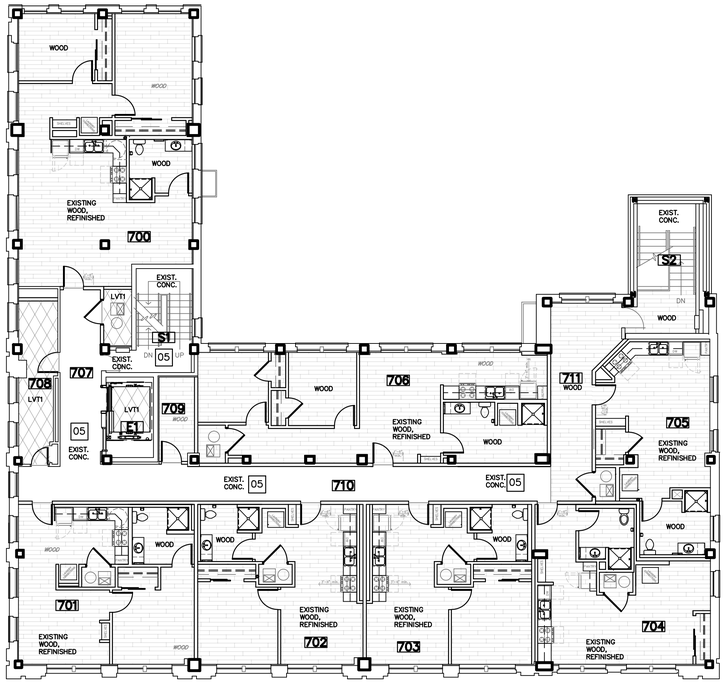
05 EXISTING SEALED/PAINTED CONCRETE FLOOR TO REMAIN. REPAIR AS NEEDED. CLEAN AND RESTORE.

06 EXISTING, UNFINISHED CONCRETE FLOOR. REPAIR AND PATCH AS NEEDED. SEAL/PAINT.

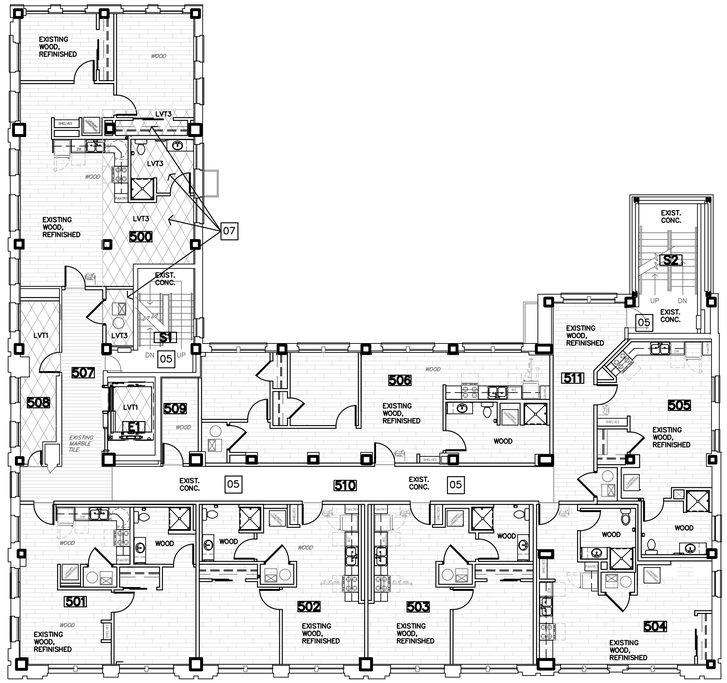
07 EXISTING, UNFINISHED CONCRETE FLOOR. REPAIR AND PATCH AS NEEDED. PREP FLOORING FOR INSTALLATION OF NEW LVT.

FLOORING LEGEND

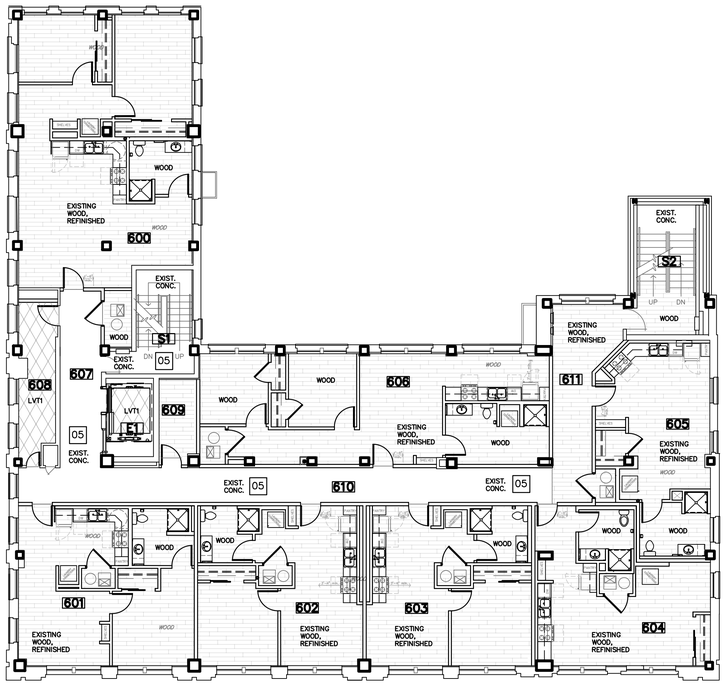
- EXISTING MARBLE
- EXISTING TERRAZO
- EXISTING WOOD
- EXISTING SEALED CONCRETE
- NEW CARPET
- NEW LUXURY VINYL TILE (LVT)
- NEW CERAMIC TILE
- NEW CONC. OR TERRAZZO PATCH



D SEVENTH FLOOR FINISH PLAN
3/32"=1'-0"



B FIFTH FLOOR FINISH PLAN
3/32"=1'-0"



C SIXTH FLOOR FINISH PLAN
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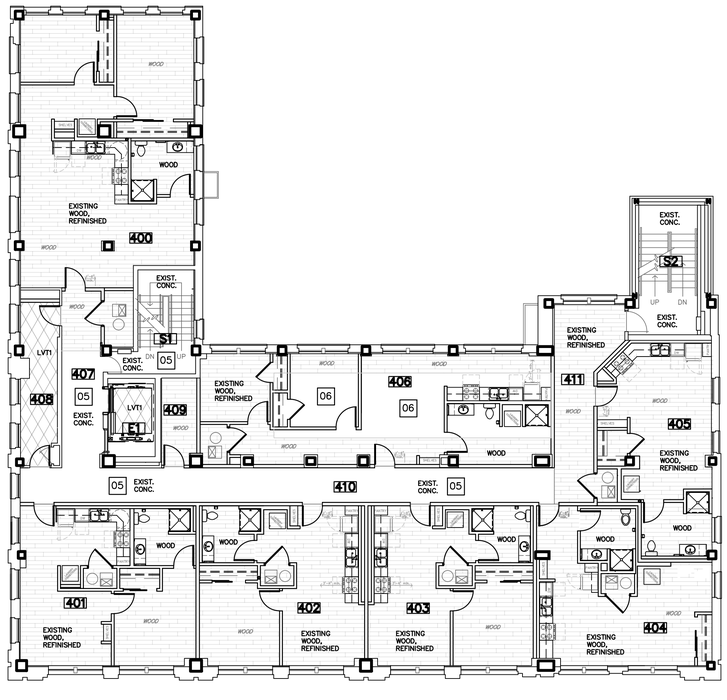

A FOURTH FLOOR FINISH PLAN
3/32"=1'-0"

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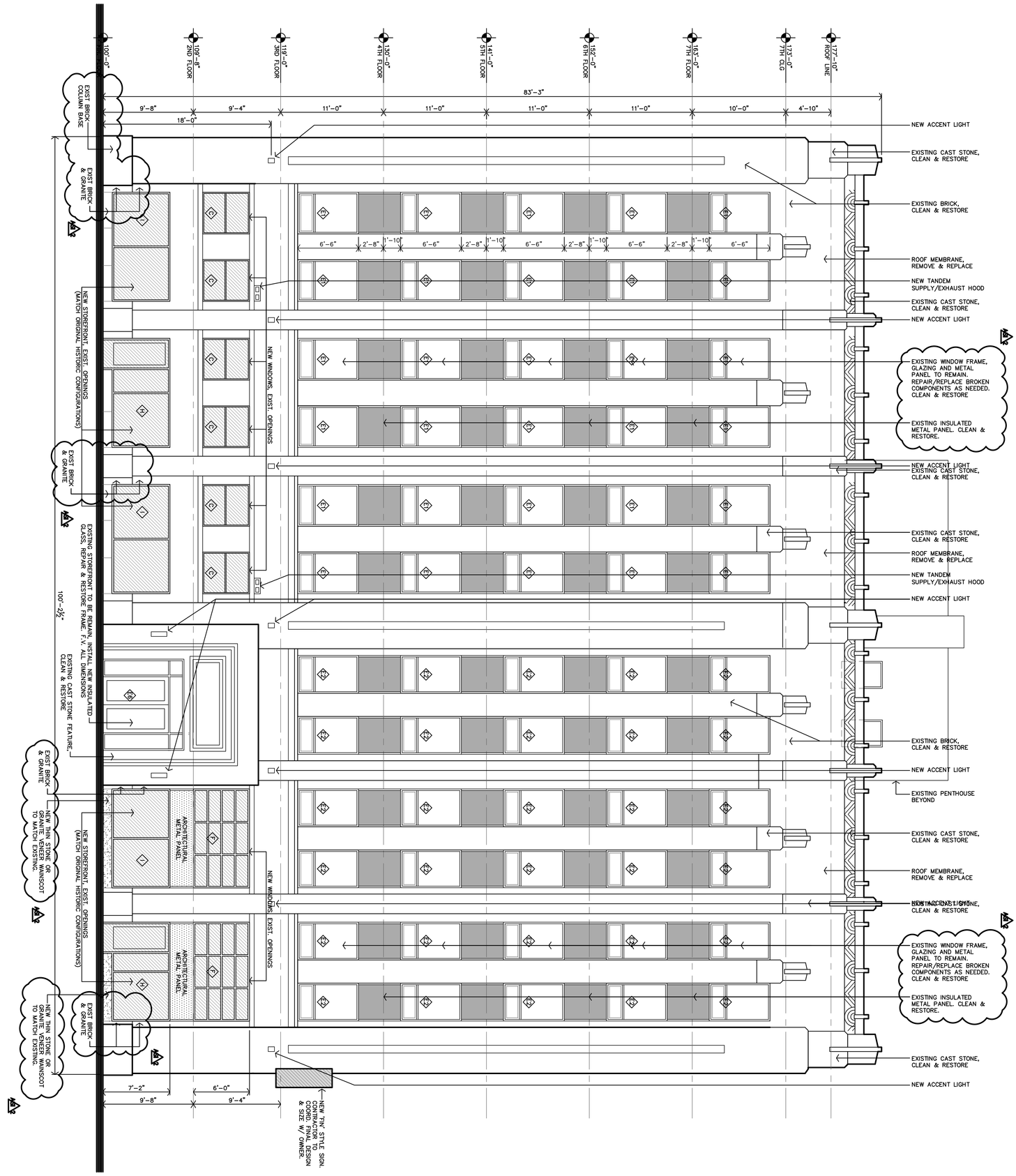
A2.9



A WEST ELEVATION
3/16"=1'-0"

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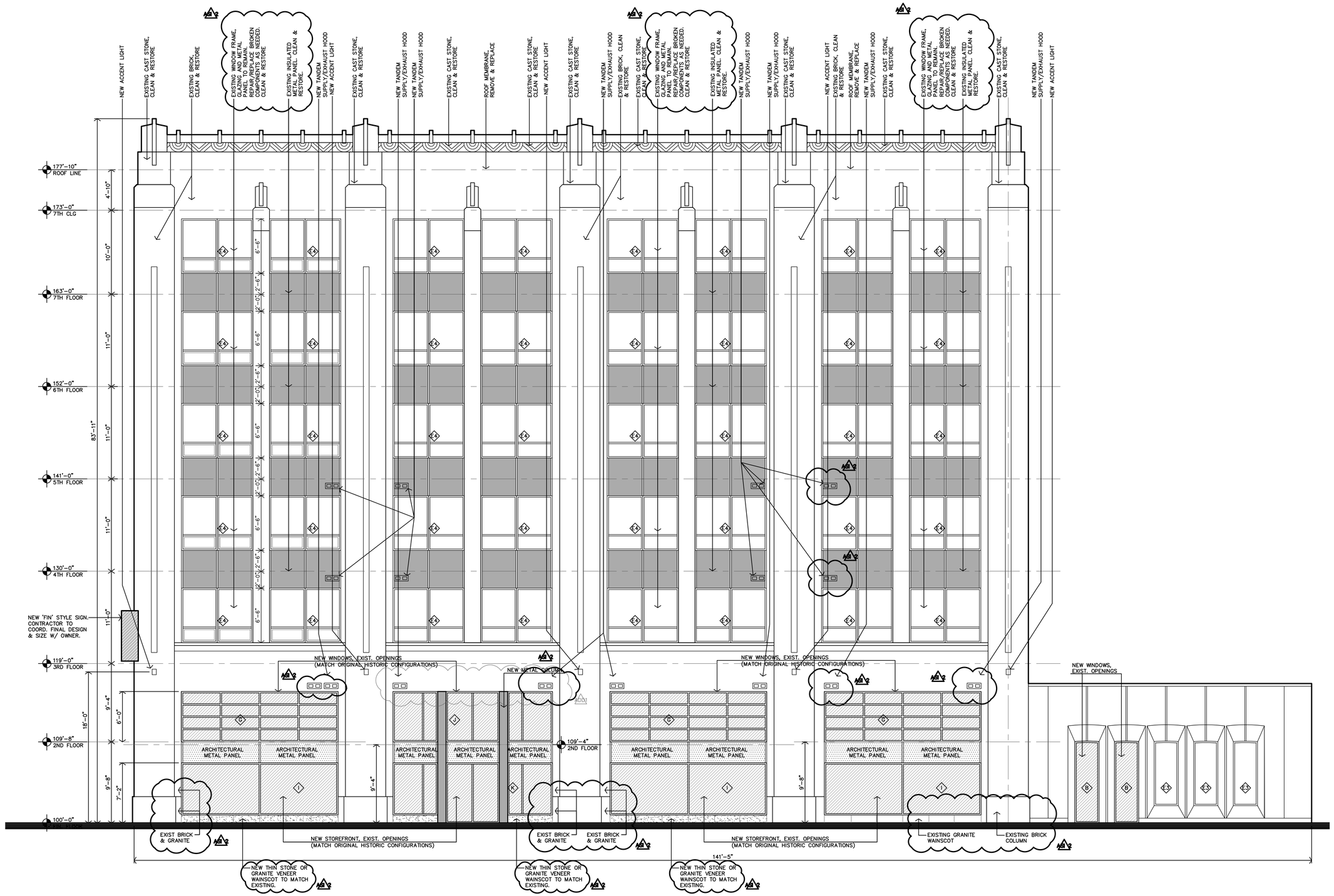

A **SOUTH ELEVATION**
3/16"=1'-0"

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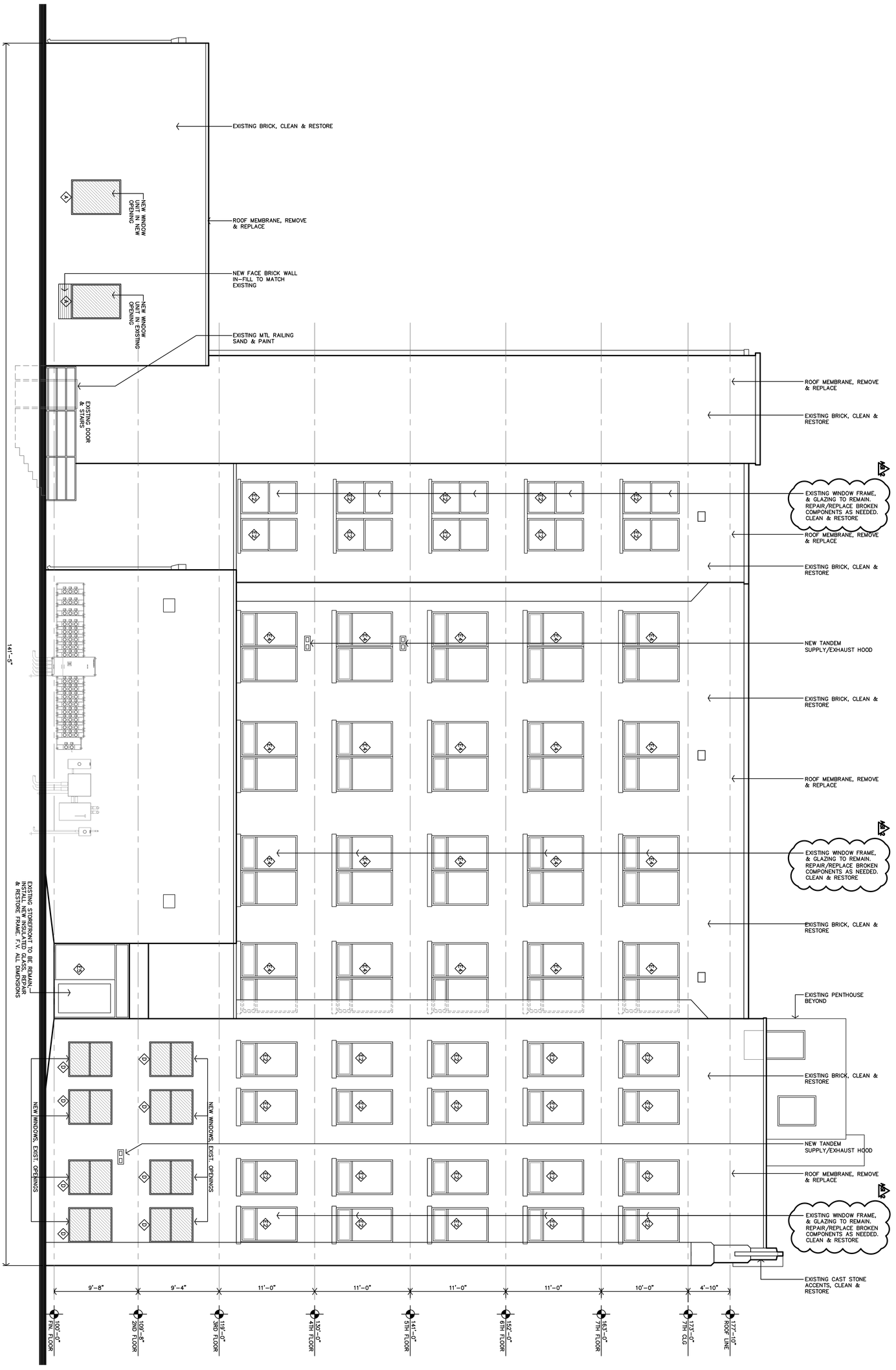
A3.2



A NORTH ELEVATION
3/16"=1'-0"

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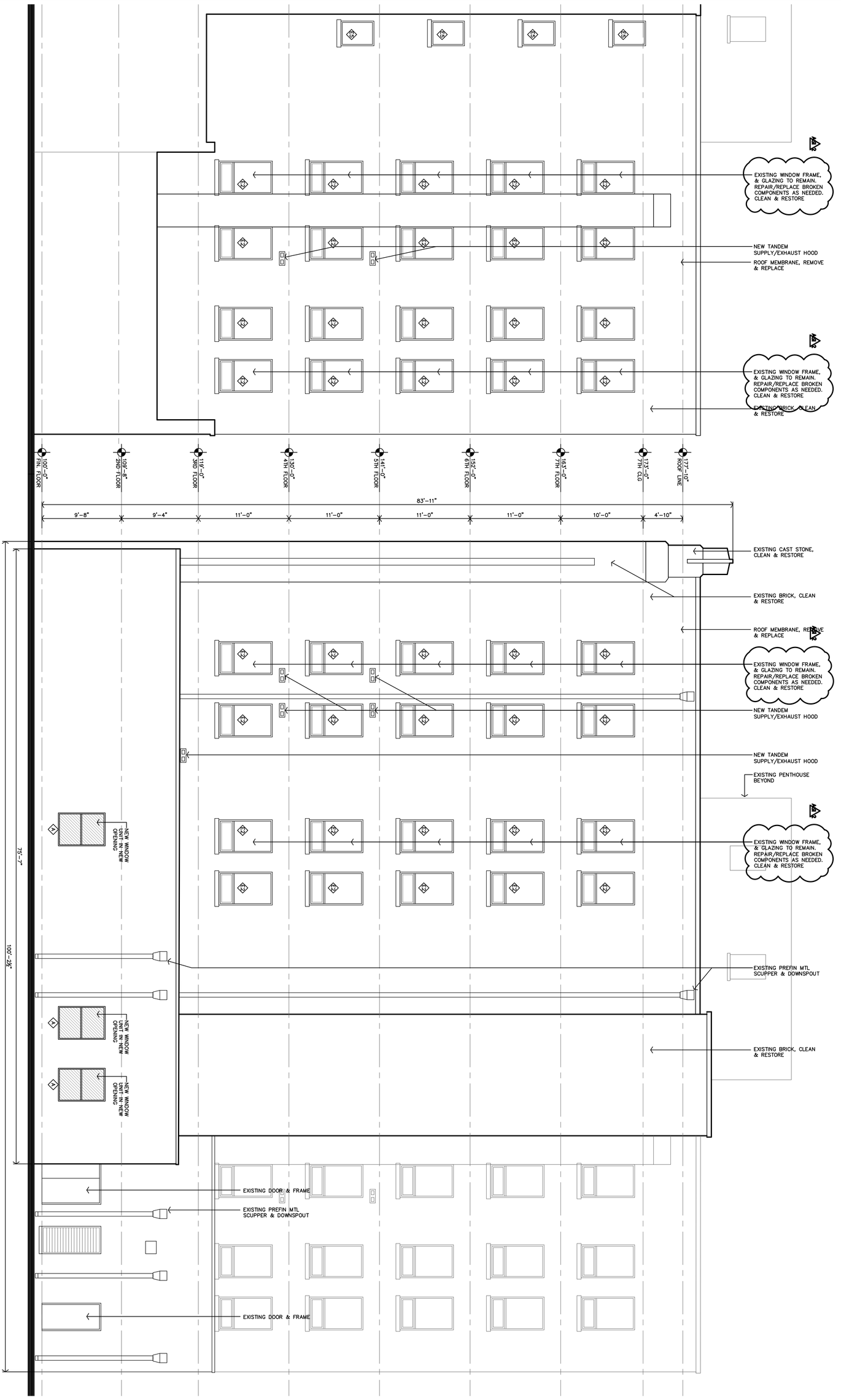
A3.3

REGISTERED ARCHITECT STATE OF TEXAS



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DATE: 10-24-2025
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SHEET NO.: A3.4

CEILING NOTES

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE CEILING LAYOUT WITH MECHANICAL AND ELECTRICAL FIXTURE LOCATIONS. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICT OR DISCREPANCY.
2. MECHANICAL/ELECTRICAL FIXTURES @ RATED CEILINGS SHALL BE HUNG IN CONFORMANCE TO U.L. SYSTEM REQUIREMENTS.
3. CEILING MOUNTED MECHANICAL EQUIPMENT AND SUSPENDED MECHANICAL EQUIPMENT MUST BE SUSPENDED DIRECTLY FROM THE STRUCTURE.
4. WHERE SUSPENSION DEVICES, WIRES, RODS, ETC. PENETRATE CEILING GRID AND/OR TILE OR G.B. PENETRATIONS SHALL BE NEAT AND CLEANLY CUT. PENETRATION OPENING SHALL BE AS SMALL AS POSSIBLE. SEAL AT G.B.
5. FIELD VERIFY HEIGHT TO UNDERSIDE OF STRUCTURE, AT ALL NEW GYP. BD. CEILINGS. NOTIFY ARCHITECT TO COORDINATE FINAL FINISHED CEILING HEIGHTS.
6. ALL LISTED CEILING HEIGHTS ARE AS ANTICIPATED. SUBJECT TO CHANGE BASED ON FIELD VERIFICATION OF UNDERSIDE OF STRUCTURE.
7. THERE ARE SOME VERY LOW HEAD HEIGHT CONDITIONS EXISTING IN THIS BUILDING. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF TRADES TO KEEP ALL PLUMBING, PIPING, ETC. AS TIGHT AS POSSIBLE TO THE EXISTING STRUCTURE ABOVE. NOTIFY ARCHITECT IS A CONFLICT EXISTS OR IF ANY LOW HANGING PLUBMING/PIPES, CEILINGS, ETC. EXCEEDS LESS THAN 8'-8" A.F.F.
8. KEEP ALL NEW G.B. CEILINGS AND G.B. INFILL UP AS TIGHT AS POSSIBLE TO THE STRUCTURE ABOVE.
9. AT NEW MINI-SPLIT CEILING CASSETTES (REFERENCE MEP FOR LOCATIONS):FURR G.B. CEILING DOWN AROUND SYSTEM AS TIGHT AS POSSIBLE TO MAINTAIN CEILING HEIGHTS.
10. KEEP ALL SOFFITS AND BULKHEADS TIGHT AROUND NEW DUCTWORK AND PLUMBING TO MAINTAIN CEILING HEIGHTS AND EXPOSED PLASTER CEILINGS/BEAMS.
11. REGARDLESS OF WHETHER SHOWN ON PLANS – ALL PLUMBING AND DUCTWORK SHALL BE CONCEALED IN FINISHED G.B. SOFFITS
12. ANY EXPOSED SPINKLER PIPE OR HEADS SHALL BE PAINTED TO MATCH CEILING.

CEILING TYPES
REFER SPECIFICATIONS

GB	GYP BD (PAINTED)
ST	EXPOSED STRUCTURE
P	EXIST./NEW PLASTER (PAINTED)

INDICATES G.B. CEILING FINISH

1 / 8'-0" — CLG. TYPE; CLG. HEIGHT (ASSUMED)

SPECIFIC NOTES

1. CONSTRUCT G.B. SOFFIT AROUND NEW DUCTWORK/MEP EQUIPMENT. FIT AS TIGHT AS POSSIBLE TO NEW DUCTWORK. KEEP UP AS TIGHT TO THE CEILING AS POSSIBLE.
2. CONSTRUCT G.B. SOFFIT AROUND EXISTING STL. BEAM. FIT AS TIGHT AS POSSIBLE.
3. NOTE NOT USED
4. (5) NEW PENDANT LIGHTS. REF. MEP. COORDINATE HEIGHTS AND FINAL LOCATION WITH OWNER.
5. (1) NEW PENDANT LIGHTS. REF. MEP. COORDINATE HEIGHTS AND FINAL LOCATION WITH OWNER.
6. EXISTING CROWN MOLDING AT CEILING, 2ND FLOOR ONLY. CONTRACTOR TO VERIFY LOCATIONS DURING DEMOLITION. PROTECT DURING DEMO/CONSTRUCTION.
7. PATCH AND REPAIR AREAS OF MISSING/DAMAGED TRIM TO MATCH EXISTING. THIRD FLOOR ONLY: EXISTING STEEL STRUCTURAL BEAMS. FURR AROUND BEAMS WITH NEW G.B. TO MATCH EXISTING PLASTER IN TEXTURE AND COLOR

NON-RATED WALLS
1/2 HOUR FIRE PARTITION; CORRIDOR
1 HOUR FIRE PARTITION; BETWEEN DWELLING UNITS
1 HOUR SHAFT WALL

NOTE: SEAL VOIDS AT TOPS OF WALLS AND PENETRATIONS WITH U.L. LISTED FIRE BATT INSULATION, PILLOWS, AND/OR FIRE SEALANT AS REQUIRED BY CONDITION. AT RATED WALLS.

PL = HISTORIC PLASTER FINISHED CEILING

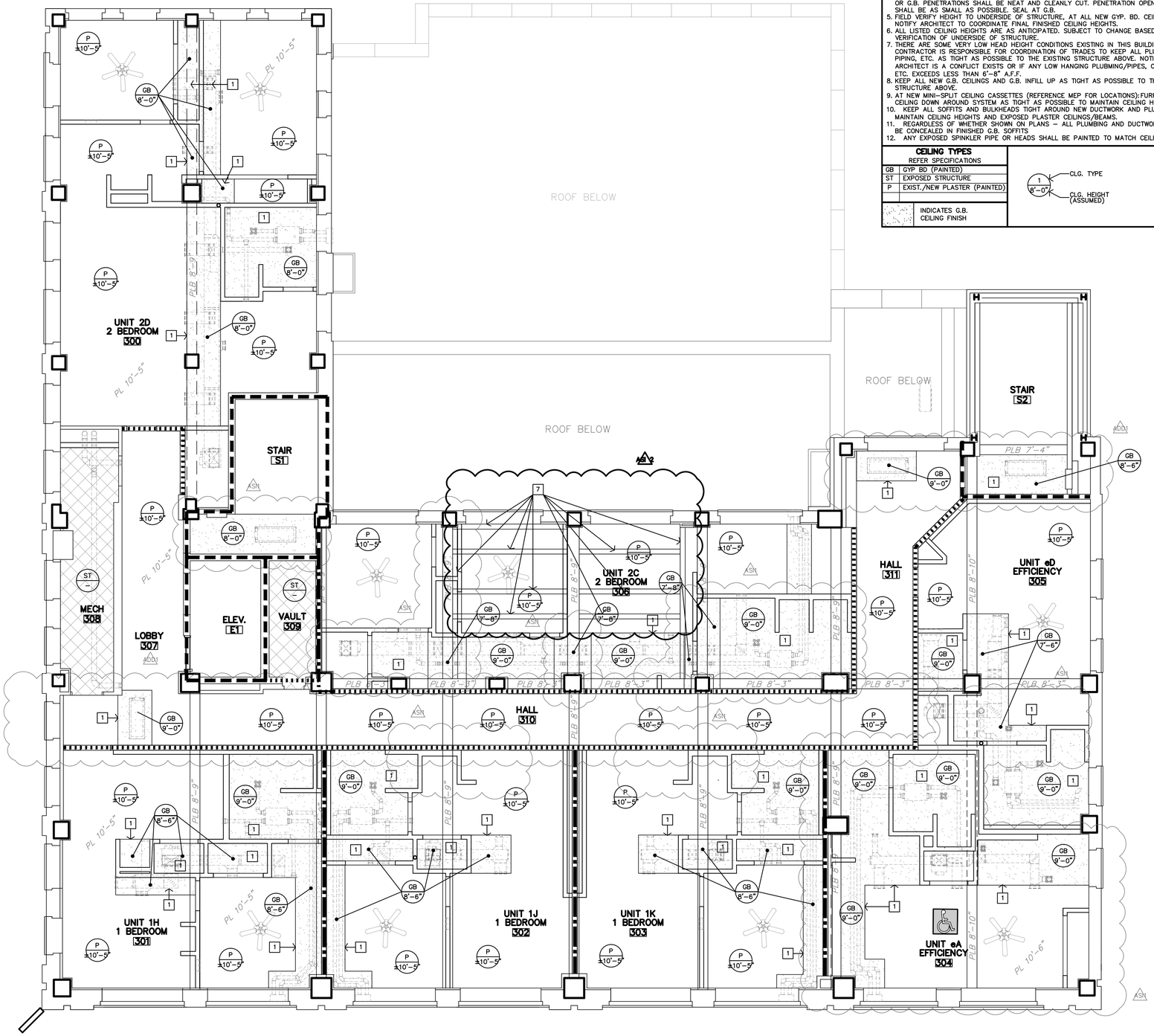
PLB = HISTORIC PLASTER FINISHED BEAM

STL = EXIST. STL BEAM

HISTORIC PRES. NOTES

CEILINGS

1. IF ANY HISTORIC FINISHES ARE UNCOVERED THROUGH THE COURSE OF INVESTIGATIVE DEMOLITION, THESE SHOULD BE PROTECTED TO THE GREATEST DEGREE POSSIBLE DURING THE INVESTIGATIVE DEMOLITION PROCESS.
2. PLASTER CEILINGS AND PLASTER ARHCITECTURAL MOLDINGS AT THE BEAMS ON THE SECOND FLOOR SHOULD BE PROTECTED DURING DEMOLITION AND CONSTRUCTION.
3. MAJORITY OF THE CEILINGS ARE EXISTING PLASTER, WITH PLASTER-COATED BEAMS. THESE ARE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. PATCH AND REPAIR AS NEEDED TO MATCH EXISTING TEXTURE.
4. IF ANY HISTORIC FINISHES NOT PREVIOUSLY NOTED ARE UNCOVERED, CONTACT THE ARCHITECT.



THIRD FLOOR REFLECTED CEILING PLAN
FOURTH, FIFTH, & SIXTH FLOOR SIMILAR

3/16"=1'-0"

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LANDMARK ON CYPRESS

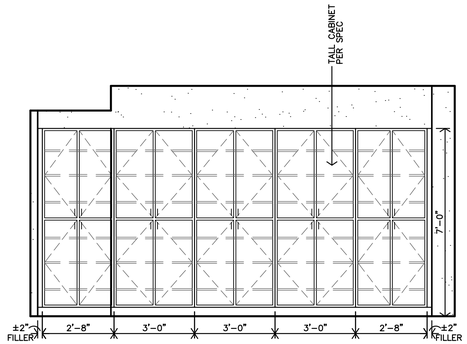
HISTORIC REHABILITATION - APARTMENTS

ABILENE, TEXAS

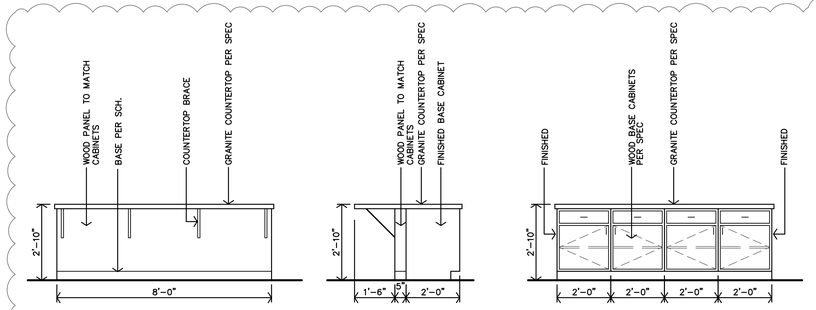
REGISTERED ARCHITECT — MARGARET GILLAM — 10-24-2025 — 32857 — STATE OF TEXAS

REVISION:	
ADD1	11-17-2025
ASI	1-23-2026
ASI 2	4-28-2026

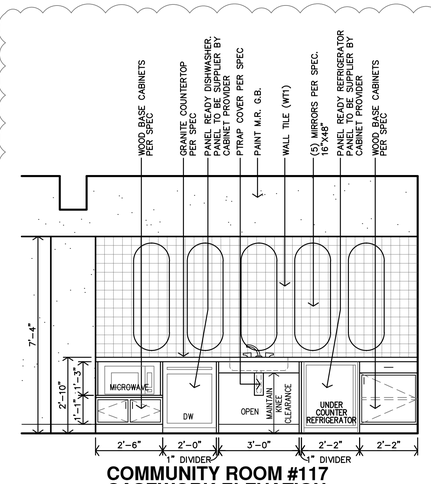
DATE: 10-24-2025
JOB: 24-3483
SHEET NO.: A7.3
ASI #1 – SHEET ADDED



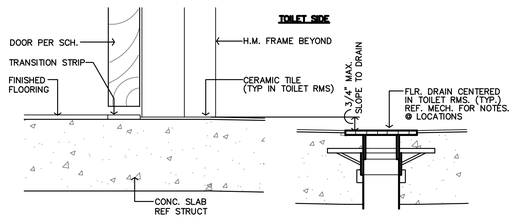
O LEARNING CENTER #207 CASEWORK ELEVATION
3/8"=1'-0"



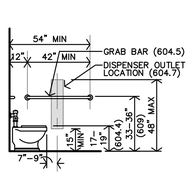
N COMMUNITY ROOM #117 ISLAND ELEVATIONS
3/8"=1'-0"



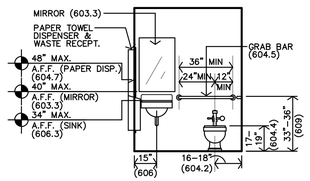
M COMMUNITY ROOM #117 CASEWORK ELEVATION
3/8"=1'-0"



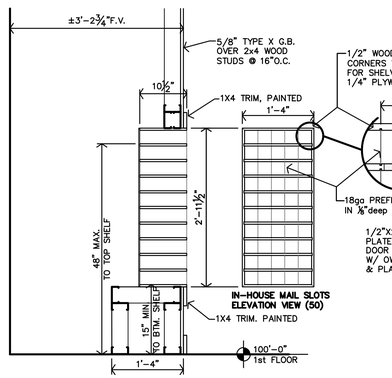
L FLOOR DRAIN DETAIL
3"=1'-0"



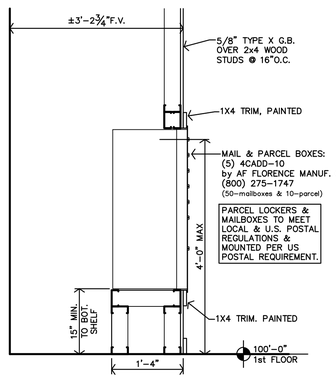
K TYP. HEIGHTS @ ACC. TOILET SIDE WALL
1/4"=1'-0" FOR ACC. HEIGHTS & LOCATION ONLY



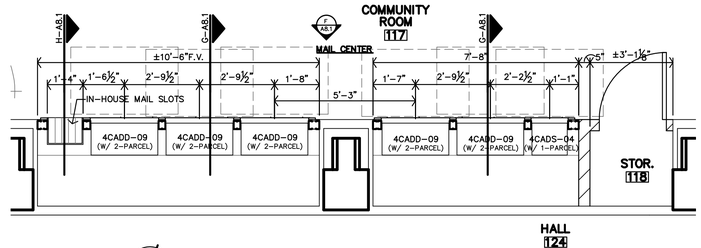
J TYP. HEIGHTS @ ACC. TOILET BACK WALL
1/4"=1'-0" FOR ACC. HEIGHTS & LOCATION ONLY



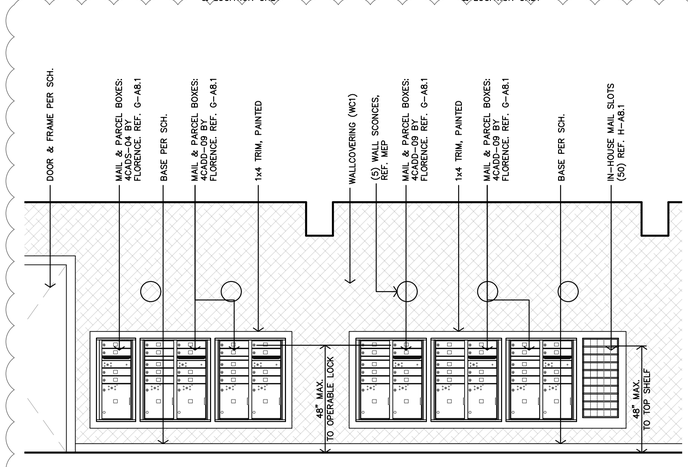
H IN-HOUSE MAIL SLOTS SECTION
3/4"=1'-0"



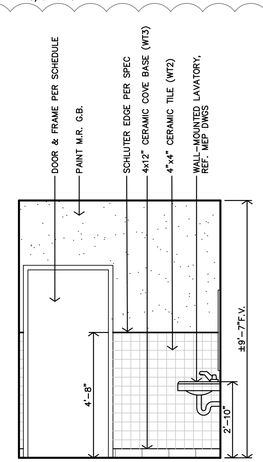
G WALL SECTION @ MAIL CENTER
3/4"=1'-0"



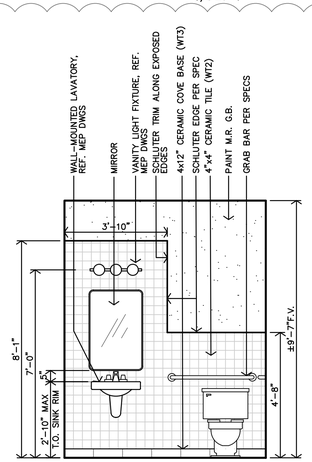
B ENLARGED MAIL CENTER PLAN
3/8"=1'-0"



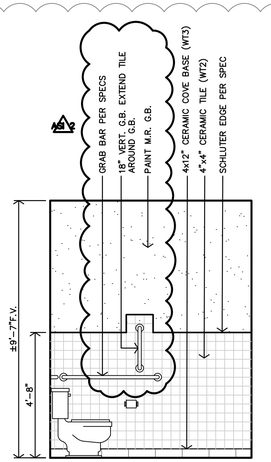
F MAIL CENTER INTERIOR ELEVATION
3/8"=1'-0"



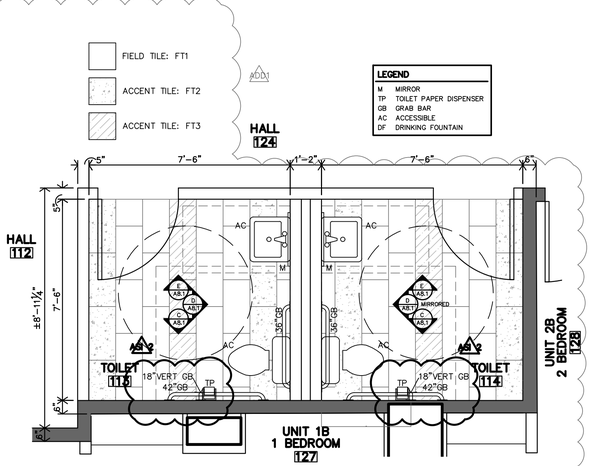
E TOILET #113 INTERIOR ELEVATION
3/8"=1'-0" TOILET #114 MIR'D



D TOILET #113 INTERIOR ELEVATION
3/8"=1'-0" TOILET #114 MIR'D



C TOILET #113 INTERIOR ELEVATION
3/8"=1'-0" TOILET #114 MIR'D



A ENLARGED PUBLIC RESTROOM PLAN
3/8"=1'-0"

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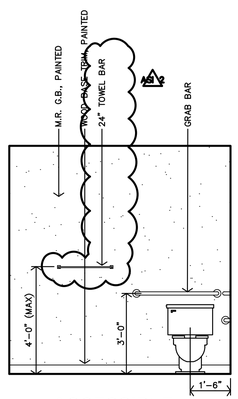
LANDMARK ON CYPRESS
HISTORIC REHABILITATION - APARTMENTS
ABILENE, TEXAS

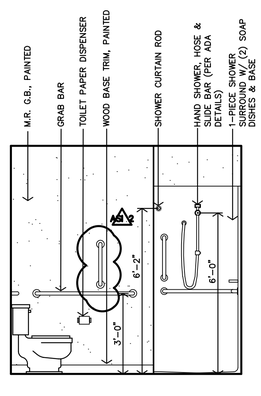
REGISTERED ARCHITECT MARGARET GILLAM 10-24-2025 32854 STATE OF TEXAS

REVISION:	
#DD1	11-17-2025
#A2	4-28-2026
DATE:	10-24-2025
JOB:	24-3483
SHEET NO.:	

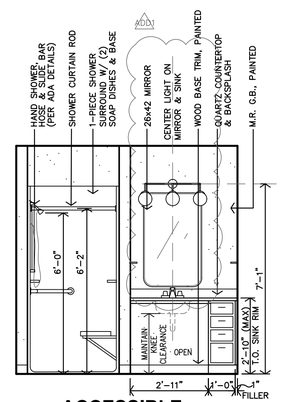
A8.1



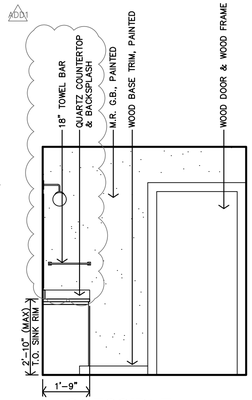
T ACCESSIBLE BATH - TYPE #3 INTERIOR ELEVATION
3/8"=1'-0"



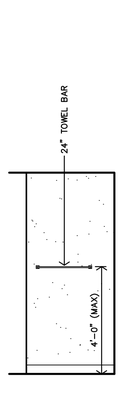
S ACCESSIBLE BATH - TYPE #3 INTERIOR ELEVATION
3/8"=1'-0"



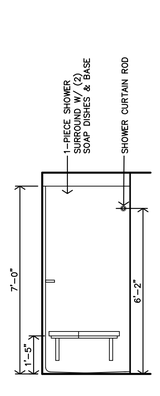
R ACCESSIBLE BATH - TYPE #3 INTERIOR ELEVATION
3/8"=1'-0"



P ACCESSIBLE BATH - TYPE #3 INTERIOR ELEVATION
3/8"=1'-0"



O ACCESSIBLE BATH - TYPE #2 INTERIOR ELEVATION
3/8"=1'-0"



N ACCESSIBLE BATH - TYPE #2 INTERIOR ELEVATION
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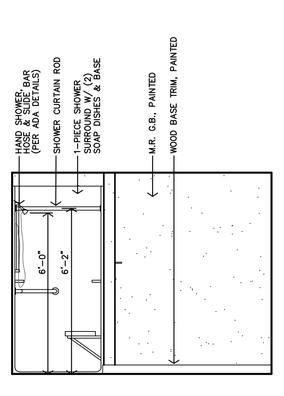
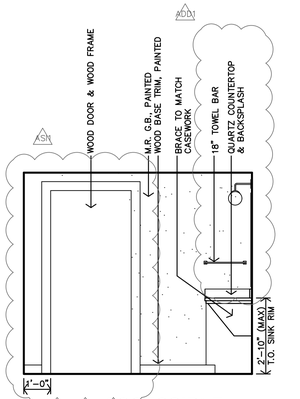
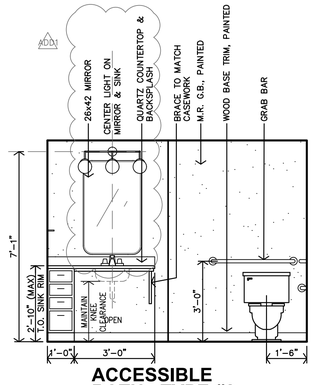


M ACCESSIBLE BATH - TYPE #2 INTERIOR ELEVATION
3/8"=1'-0"



L ACCESSIBLE BATH - TYPE #2 INTERIOR ELEVATION
3/8"=1'-0"



K ACCESSIBLE BATH - TYPE #2 INTERIOR ELEVATION
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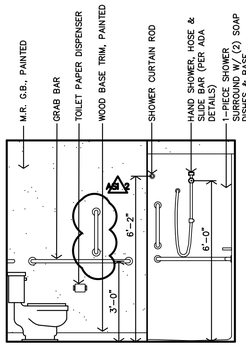
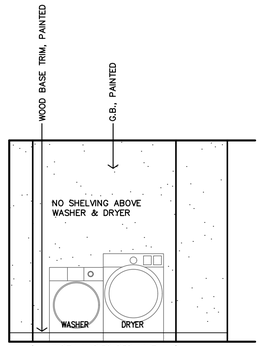
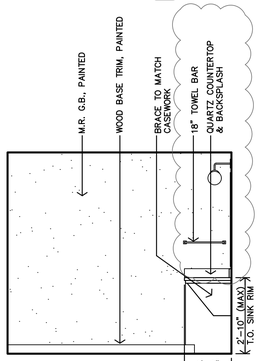


J ACCESSIBLE BATH - TYPE #2 INTERIOR ELEVATION
3/8"=1'-0"



H ACCESSIBLE LAUNDRY - TYPE #1 INTERIOR ELEVATION
3/8"=1'-0"



G ACCESSIBLE BATH - TYPE #1 INTERIOR ELEVATION
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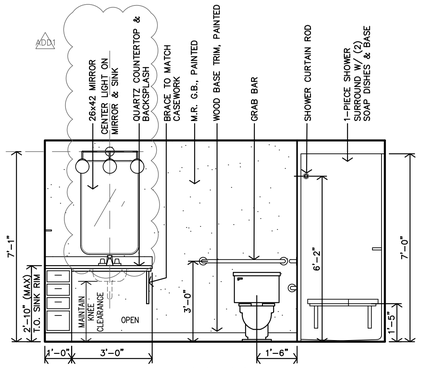
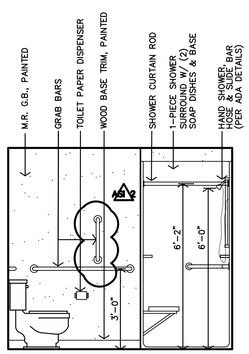
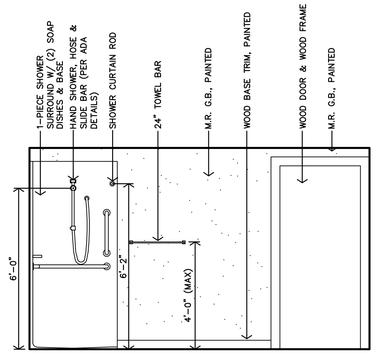


F ACCESSIBLE BATH - TYPE #1 INTERIOR ELEVATION
3/8"=1'-0"



E ACCESSIBLE BATH - TYPE #1 INTERIOR ELEVATION
3/8"=1'-0"



D ACCESSIBLE BATH - TYPE #1 INTERIOR ELEVATION
3/8"=1'-0"

ENLARGED BATH GENERAL NOTES:

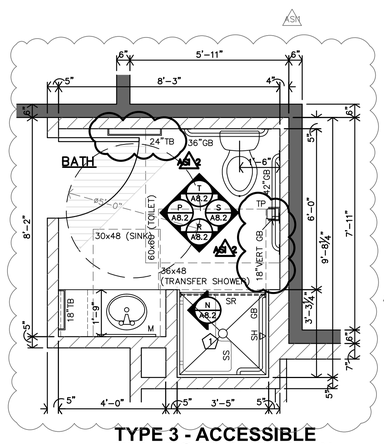
1. REF UNIT GENERAL NOTES FOR ADDITIONAL DIRECTION ON SHEET A2.0.
2. ALL DIMENSIONS ARE TO FACE OF GYP. BD. UNLESS NOTED OTHERWISE.
3. CONTRACTOR TO INSTALL 2x8 BLOCKING IN WALLS FOR ALL WALL MOUNTED/SUPPORTED COUNTERTOPS & BRACES, SHOWER UNIT, TOWEL BARS & FUTURE GRABS BARS, FUTURE SHOWER SEAT AS REQ'D. (REF. SHEET A8.4).
4. SHOWER SEAT TO INSTALLED PER TENANT REQUEST IN ADAPTABLE UNITS.
5. ALL SHOWERS MUST HAVE MIN. CLEAR INSIDE DIMENSIONS OF 36"x36".

BATH KEYNOTES:

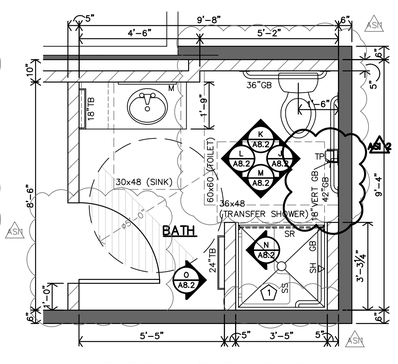
1. VERIFY ROUGH OPENING SIZE w/ SHOWER UNIT REF. MECH DWGS
2. PLASTIC COATED WIRE SHELF & ROD @ 69"O.C. AFF
3. PLASTIC COATED WIRE SHELF & ROD @ 47"O.C. AFF (ACCESSIBLE UNITS)
4. WATER HEATER & FURNACE – REF. MECH. DRAWINGS
5. 12" DEEP PLASTIC COATED WIRE SHELVES WITH ADJUSTABLE BRACKETS (5 TOTAL)
6. REMOVABLE CABINET
7. ELECTRICAL, WATER, ETC. HOOK-UPS FOR SIDE-BY-SIDE WASHER & DRYER (ACCESSIBLE). WASHER IS TO BE LEFT OF DRYER.
8. ELECTRICAL, WATER, ETC. HOOK-UPS FOR STACKABLE WASHER & DRYER.

LEGEND

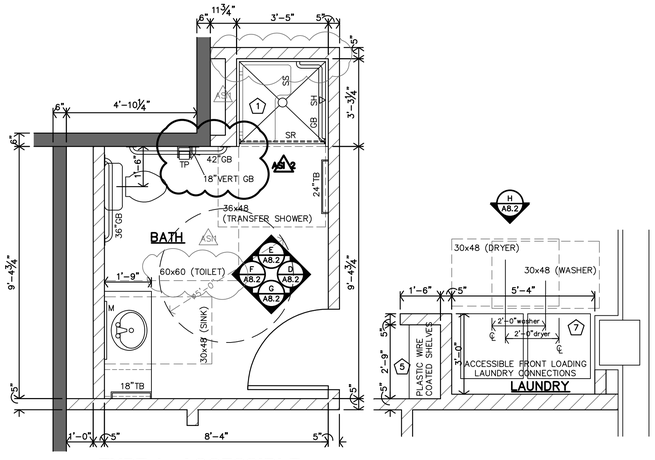
M MIRROR
TP TOILET PAPER DISPENSER
TB TOWEL BAR
SR SHOWER ROD
CL CORNER LEDGE
SH SHOWER HEAD
SS SHOWER SEAT
GB GRAB BAR



C TYPE 3 - ACCESSIBLE ENLARGED BATH PLAN
3/8"=1'-0"



B TYPE 2 - ACCESSIBLE ENLARGED BATH PLAN
3/8"=1'-0"



A TYPE 1 - ACCESSIBLE ENLARGED BATH PLAN
3/8"=1'-0"

UNIT #129

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jgr@jgrarchitects.com

LANDMARK ON CYPRESS

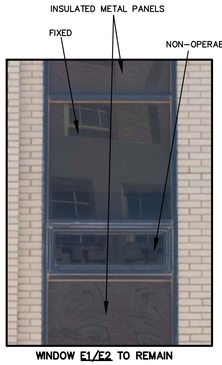
HISTORIC REHABILITATION - APARTMENTS

ABILENE, TEXAS

REGISTERED ARCHITECT MARGARET GILLAM 32854 10-24-2025 STATE OF TEXAS

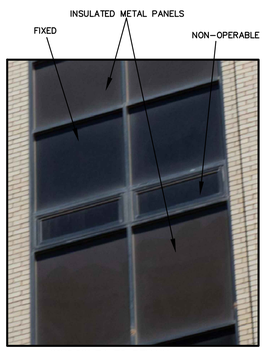
REVISION:	
ADDN	11-17-2025
ASH	1-23-2026
2	4-28-2026
DATE:	10-24-2025
JOB:	24-3483
SHEET NO.:	

A8.2



WINDOW E1/E2 TO REMAIN

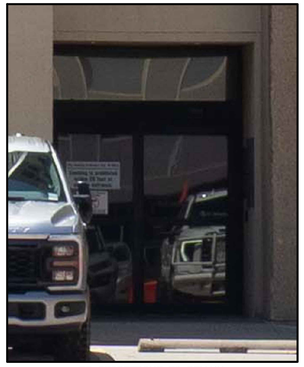
WINDOW E3 TO REMAIN



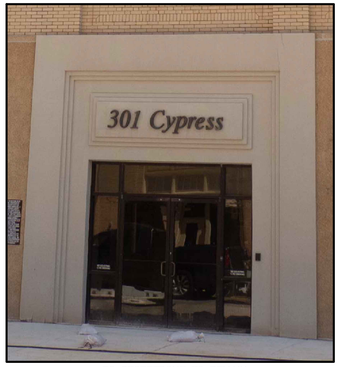
WINDOW E4 TO REMAIN

B PHOTOS: EXISTING WINDOWS

NTS



E5 STOREFRONT TO REMAIN



E6 STOREFRONT TO REMAIN

C PHOTOS: EXISTING WINDOWS

NTS

GLAZING SCHEDULE

MARK	EXTERIOR	INTERIOR	3/4" INSULATED	1/4"	CLEAR GLASS	FROSTED	TEMPERED	FIRE RATED
A1	●		●		●		●	
A2	●		●		●			
A3	●		●			●		
B1		●		●			●	
B2		●		●				●

REF. SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

IECC 2021 REQUIREMENTS

FENESTRATION

U-FACTOR	
FIXED FENSTRATION	.42
OPERABLE FENSTRATION	.54
ENTRANCE DOOR	.68

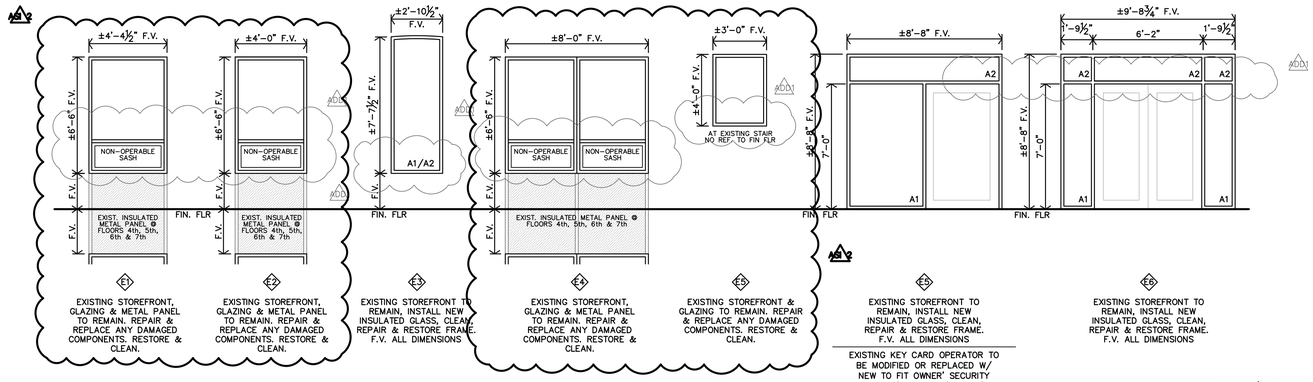
SHGC	FIXED	OPERABLE
PF < .25	.25	.23
.25 ≤ PF < .5	.30	.28
PF ≥ .5	.40	.37

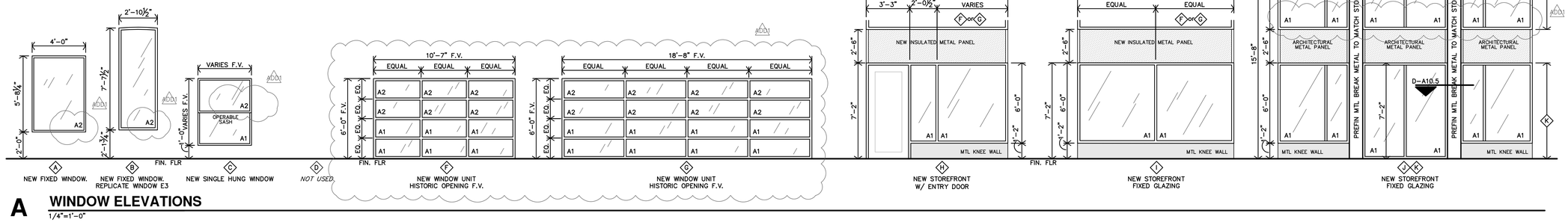
WINDOW SCHEDULE

	MARK	WIDTH	HEIGHT	MATERIAL	STYLE: FIXED	STYLE: SINGLE HUNG	EXTERIOR	INTERIOR	DETAILS
	A	±4'-0" F.V.	±5'-8" F.V.	ALUM. WINDOW UNIT		●	●		B-A10.4
	B	±2'-10" F.V.	±7'-7" F.V.	ALUM. WINDOW UNIT	●		●		B-A10.4
	C	±4'-5" F.V.	±5'-0" F.V.	ALUM. WINDOW UNIT		●	●		B-A10.4
	D	*NOT USED*							
EXISTING	E1	±4'-5" F.V.	±6'-6" F.V.	EXIST. ALUM. W/ INSUL. GLASS & INSUL MTL PANEL	●		●		
EXISTING	E2	±4'-0" F.V.	±6'-6" F.V.	EXIST. ALUM. W/ INSUL. GLASS & INSUL MTL PANEL	●		●		
EXISTING	E3	±2'-10" F.V.	±7'-7" F.V.	EXIST. WINDOW UNIT W/ NEW INSUL GLASS	●		●		
EXISTING	E4	±8'-0" F.V.	±6'-6" F.V.	EXIST. ALUM. W/ INSUL. GLASS & INSUL MTL PANEL	●		●		
EXISTING	E5	±8'-8" F.V.	±8'-8" F.V.	EXIST. STOREFRONT W/ INSUL. GLASS	●		●		
EXISTING	E6	±9'-9" F.V.	±8'-8" F.V.	EXIST. STOREFRONT W/ INSUL. GLASS	●		●		
	F	±10'-7" F.V.	±6'-0" F.V.	NEW ALUM. STOREFRONT W/ INSUL GLASS	●		●		C-A10.5
	G	±18'-8" F.V.	±6'-0" F.V.	NEW ALUM. STOREFRONT W/ INSUL GLASS	●		●		B-A10.5
	H	±10'-8" F.V. ±11'-8" F.V.	±8'-8" F.V. ±8'-8" F.V.	NEW ALUM. STOREFRONT W/ INSUL GLASS & INSUL MTL PANEL	●		●		A-A10.4 & C-A10.5
	I	±10'-7" F.V. ±11'-8" F.V. ±18'-8" F.V.	±8'-8" F.V. ±8'-8" F.V. ±8'-8" F.V.	NEW ALUM. STOREFRONT W/ INSUL GLASS & INSUL MTL PANEL	●		●		B-A10.5
	J	±19'-0" F.V.	±6'-0" F.V.	NEW ALUM. STOREFRONT W/ INSUL GLASS & INSUL MTL PANEL					A-A10.4
	K	±19'-0" F.V.	±6'-1 1/2" F.V. ±7'-2" F.V.	NEW ALUM. STOREFRONT W/ INSUL GLASS & INSUL MTL PANEL					A-A10.4

NOTES:

1. CONTRACTOR MUST INSTALL MTL. FLASHINGS & CONT. CAULK FOR A WEATHER & WATERTIGHT CONDITIONS @ ALL EXTERIOR WINDOW UNITS.
2. CONTRACTOR MUST INSTALL 1/4" INSUL. OR THERMAL BREAK, CONTINUOUS AROUND WINDOW.
3. CONTRACTOR TO PROVIDE & INSTALL MANUFACTURERS COORDINATING PANNING SYSTEM FOR ALUM. WINDOWS.
4. WINDOWS A & B MUST BE SIZED TO MEET EGRESS REQUIREMENTS.
5. ALL OPERABLE WINDOWS W/ THE SILL 6'-0" ABOVE GRADE, SHALL BE PROVIDE W/ WINDOW OPENING CONTROL DEVICE PER ASTM F2090 & 2021 IBC SEC. 1030.1.1
6. PROVIDE & INSTALL SAFETY GLASS AT HAZARDOUS LOCATIONS, PER 2021 IBC CODE 2406.4. IN DOORS, ADJACENT & WITHIN 24" TO DOORS, LESS THAN 18" ABV FLOOR, IN GUARDS & HANDRAILS, ADJACENT TO STAIRS AND RAMPS, STAIRS AND RAMPS.
7. ALL OPERABLE WINDOWS SHALL HAVE INSECT SCREENS.
8. EMERGENCY ESCAPE & RESCUE: PER 2021 IBC SEC. 1030.2. (20"w X 24"h MIN.) OPENINGS, 5.7sf MIN. AREA
12. ALL EXTERIOR WINDOW FRAME OPENINGS TO HAVE LIQUID APPLIED FLASHING MEMBRANE PER SPECS.





A WINDOW ELEVATIONS

1/4"=1'-0"

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LANDMARK ON CYPRESS

HISTORIC REHABILITATION - APARTMENTS

ABILENE, TEXAS

REGISTERED ARCHITECT MARGARET GILLAM 10-24-2025 22854 STATE OF TEXAS

REVISION:

1 11-17-2025

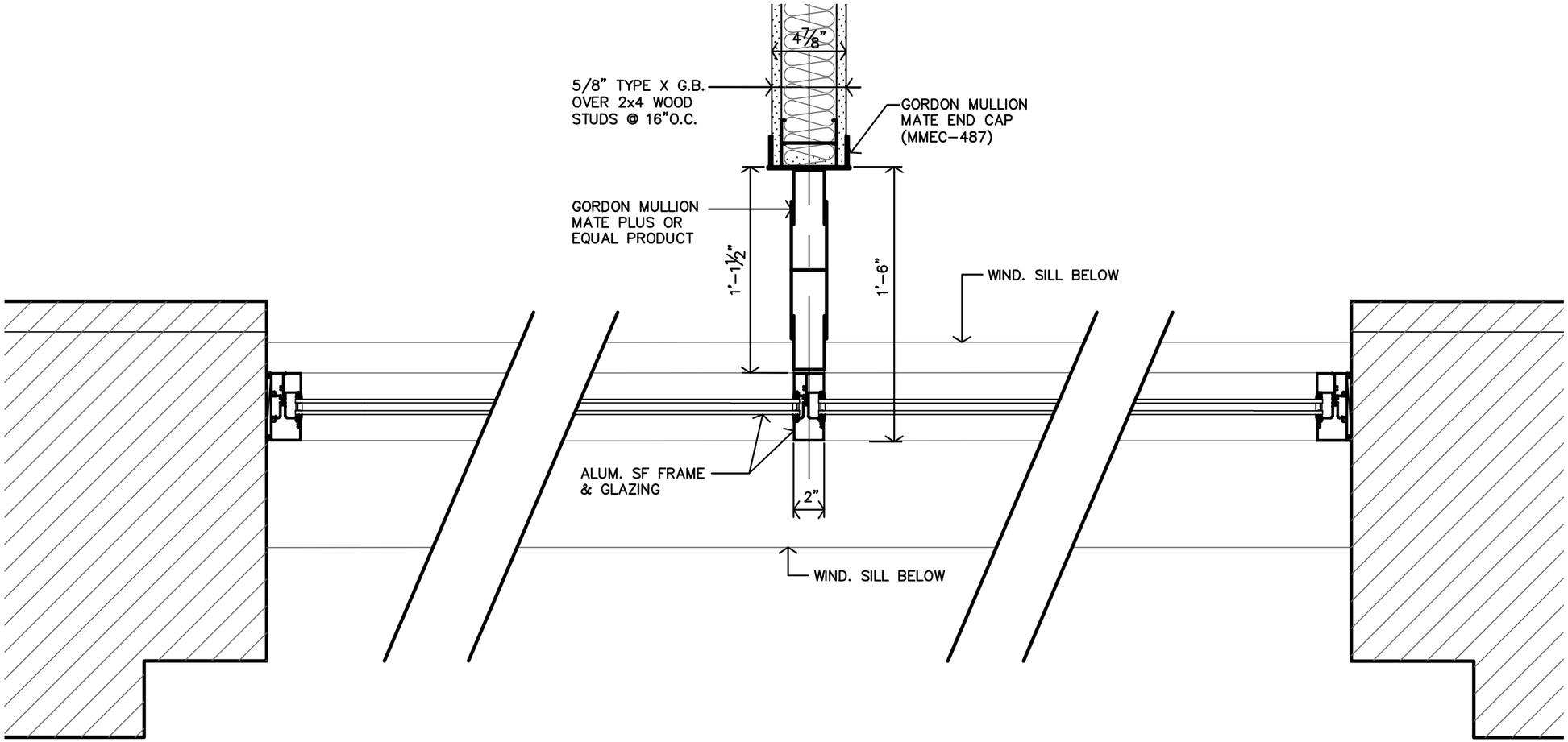
2 4-28-2026

DATE: 10-24-2025

JOB: 24-3483

SHEET NO.:

A10.3



A WIND. MULLION DTL. AT NEW STOREFRONT

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

DATE: 4-28-2026
JOB # 24-3483

ASI 2.1

LANDMARK ON CYPRESS
HISTORIC REHABILITATION - APARTMENTS
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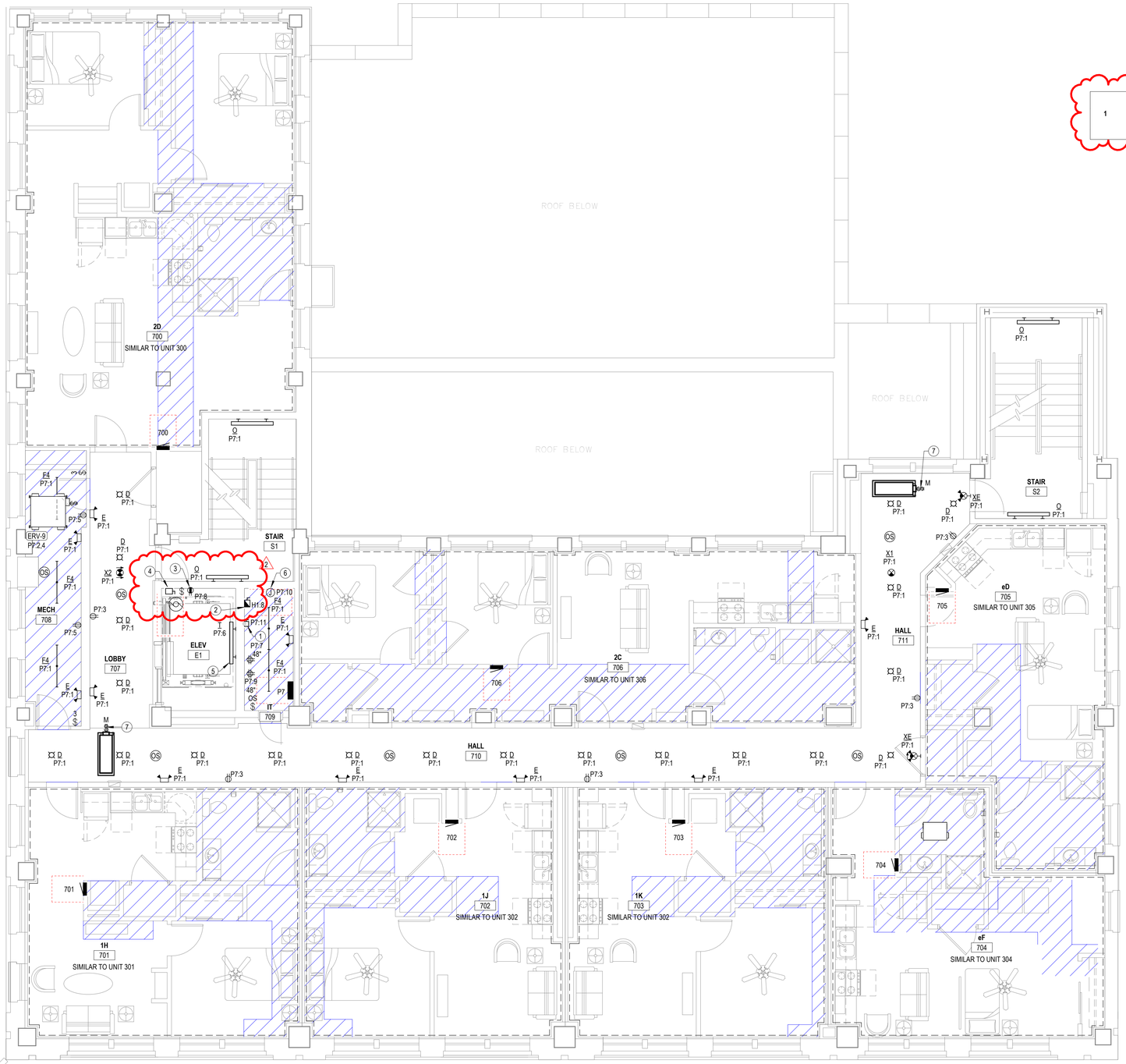

1 SEVENTH FLOOR ELECTRICAL PLAN

3/16" = 1'-0"

ASI #1 NOTE

1 SHEET HAS BEEN REVISED FOR ASI #1 PLAN CHANGES. SEE MEP NARRATIVE FOR MORE INFORMATION.

NOTES BY SYMBOL

1 30A DISCONNECT SWITCH, LOCKABLE IN "OFF" POSITION, WITH SOLID NEUTRAL AND (1) 20A DUAL-ELEMENT, TIME DELAY FUSE IN NEMA 1 ENCLOSURE FOR ELEVATOR CAB LIGHTS & EXHAUST. MOUNT AT 6'-0" AFF TO TOP AND LABEL WITH CORRESPONDING ELEVATOR CAR NUMBER AND CIRCUIT NUMBER. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER. PROVIDE FINAL ELECTRICAL CONNECTION TO ELEVATOR CONTROLLER.

2 ELEVATOR POWER MODULE SWITCH: 100A/208V/3P SWITCH COMPLETE WITH 80A DUAL ELEMENT, TIME DELAY CLASS 'J' FUSES, 120V CONTROL TRANSFORMER, FIRE ALARM SAFETY INTERFACE RELAY, KEY TEST SWITCH, GREEN PILOT LIGHT, AUXILIARY CONTACTS FOR ELEVATOR RECALL, AND FIRE ALARM VOLTAGE MONITORING RELAY. EATON BUSSMAN #PS-1-T20-R1-K-G-B-F1 OR EQUAL. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER, AND PROVIDE FINAL ELECTRICAL CONNECTION TO ELEVATOR CONTROLLER.

3 INSTALL RECEPTACLE ON WALL OF ELEVATOR HOISTWAY. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER.

4 100A/3P NON-FUSED DISCONNECT SWITCH. PROVIDE WITH SPST AUXILIARY CONTACTS RATED FOR MIN. 2A AT 24VDC. MAKE FINAL CONNECTION TO ELEVATOR FUSE BOX. COORDINATE REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER.

5 INSTALL LUMINAIRE ON WALL OF ELEVATOR HOISTWAY. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER.

6 PROVIDE POWER FOR ELEVATOR SHUNT TRIP CONTROL. SEE 3:E6.1 FOR MORE INFORMATION.

7 30A/3P MANUAL MOTOR CONTROLLER SNAP SWITCH (WITHOUT OVERLOAD PROTECTION) IN NEMA 1 ENCLOSURE, P&S #7803W OR EQUAL. MOUNT ADJACENT TO UNIT AND MAKE FINAL FLEXIBLE CONNECTION TO EQUIPMENT. PROVIDE (3) #12, #12G, 1/2"C BETWEEN ASSOCIATED OUTDOOR AND INDOOR A/C UNITS.

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Project 25037 10/24/2025

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LANDMARK ON CYPRESS
HISTORIC REHABILITATION - APARTMENTS
ABILENE, TEXAS

STATE OF KANSAS
TIMOTHY C. TREDWAY
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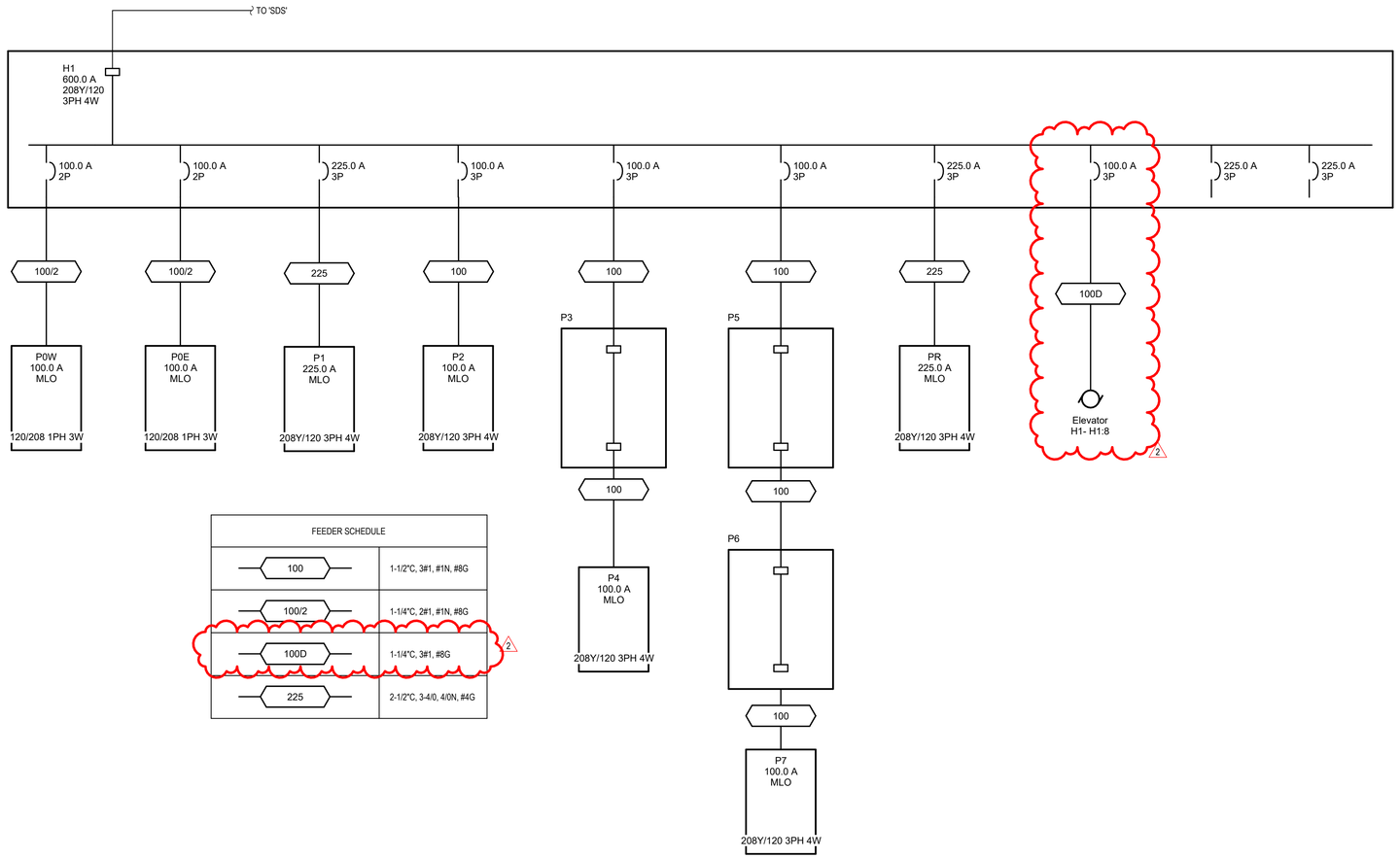
LICENSED PROFESSIONAL ENGINEER
10-24-2025

REVISIONS:

1	01/16/2026	ASI #1
2	04/21/2026	ASI #2

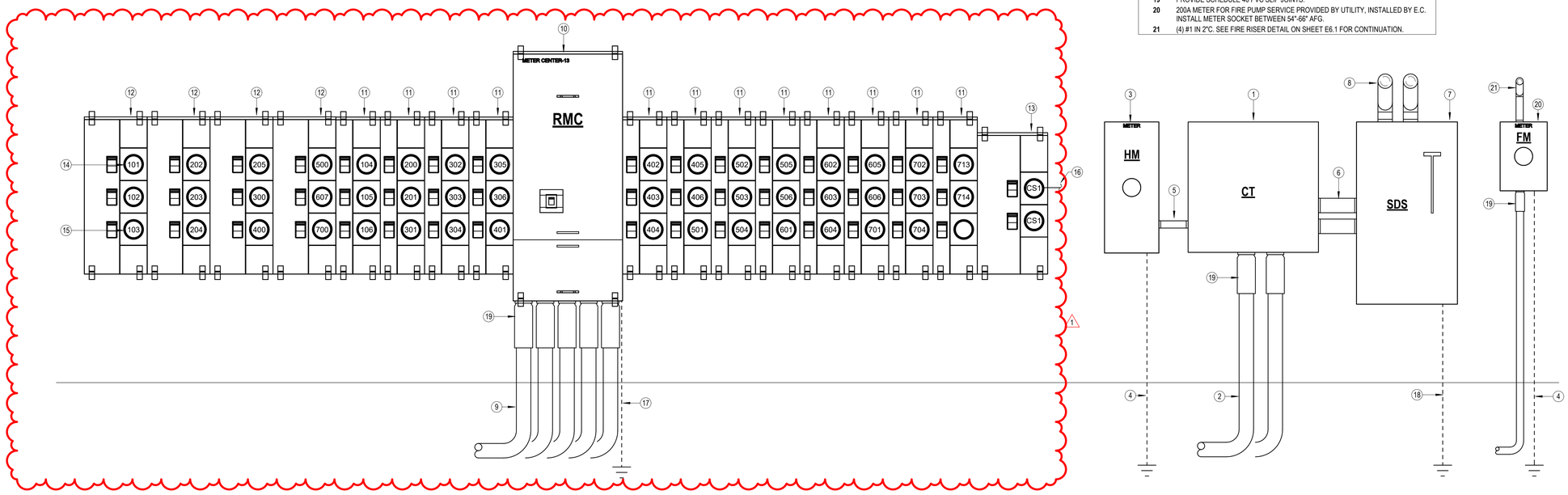
DATE: 10/24/2025
JOB: 24-3483
SHEET NO.:

E1.7



2 ELECTRICAL HOUSE ONE-LINE DIAGRAM

1" = 1'-0"



1 ELECTRIC SERVICE RISER DIAGRAM

3/4" = 1'-0"

NOTES:

- Meter Center main circuit breaker shall be 65 kAIC fully rated.
- All conductor sizes are based on copper, U.N.O.
- Entire installation shall comply with NEC.
- Coordinate all responsibilities and requirements with power utility company and pay associated fees.
  Contact Information:
  AEP
  Athan Himmelstein
  adhimmelstein@aep.com
  325.674.7290
- Coordinate final location of meter assemblies with utility company. Provide shop drawings of proposed equipment whether as specified or substituted to utility company for approval.
- Provide all necessary blocking and/or steel channel behind meter centers to create a flush/plumb mounting surface and to infill space where existing stone and brick meet.
- All meter center components shall be NEMA 3R.
- All dimensions based on Square D equipment. It is the contractor's responsibility to verify the dimensions of substitute equipment.
- For each meter, provide a permanent brass, copper or aluminum tag identifying the apartment served. Tags shall be securely fastened to the meter base and be stamped with 1/4" letters, minimum.

NOTES BY SYMBOL

1	CT ENCLOSURE (36"Wx36"Hx12"D) PER AEP REQUIREMENTS. INSTALL BOTTOM OF CABINET MINIMUM 2' AFG. INSTRUMENT CT FURNISHED AND INSTALLED BY E.C., WIRED BY AEP. COORDINATE EXACT REQUIREMENTS WITH AEP SERVICE GUIDE DETAIL M.S., F016.
2	(2) PARALLEL 4" CONDUITS EACH WITH PULL ROPE FROM TRANSFORMER TO CT ENCLOSURE. PROVIDE ALL TRENCHING AND BACKFILL. COORDINATE EXACT REQUIREMENTS WITH AEP.
3	CT RATED METER PROVIDED BY UTILITY, INSTALLED BY E.C. METER ENCLOSURE ELECTRICALLY BONDED TO CT CABINET BY RMC. INSTALL METER SOCKET BETWEEN 54"-66" AFG.
4	#6 AWG BARE COPPER GROUND WIRE IN 1: SCHEDULE 40 PVC CONDUIT TO 5/8"x8' COPPER CLAD GROUND ROD.
5	2" RMC FOR POWER COMPANY PROVIDED METER WIRING.
6	(2) PARALLEL 4" CONDUITS EACH WITH (4) #350 KCMIL COPPER OR (4) #500 KCMIL ALUMINUM FROM CT ENCLOSURE TO 'SDS'.
7	SDS' - 600A/3P SERVICE ENTRANCE RATED DISCONNECT SWITCH WITH SOLID NEUTRAL AND (3) 600A DUAL-ELEMENT, TIME-DELAY, CLASS 'RK1' FUSES IN NEMA 3R ENCLOSURE. PROVIDE SIGNAGE AT DISCONNECT SWITCH TO READ 'SERVICE DISCONNECT 2 OF 2'
8	(2) PARALLEL 4" CONDUITS, EACH WITH (4) #350 KCMIL, #1G COPPER OR (2) PARALLEL 4" CONDUITS, EACH WITH (4) #500 KCMIL AL, #2/0 AL G. FROM 'SDS' TO PANEL 'H1'. SEE 2.E6.2 FOR CONTINUATION.
9	(5) PARALLEL 4" CONDUITS EACH WITH PULL ROPE FROM TRANSFORMER TO RESIDENTIAL METER CENTER 'RMC'. PROVIDE ALL TRENCHING AND BACKFILL. COORDINATE EXACT REQUIREMENTS WITH AEP.
10	METER CENTER MAIN, 3-PH IN; 3-PH OUT, 208/120V-3PH, 4 WIRE WITH 1600A/3P MAIN BREAKER, 65 KAIC RATED, SERVICE ENTRANCE RATED WITH INTEGRAL SURGE PROTECTION DEVICE. SQUARE D 'EZ METER-PAK' #EZM31600GCBU. PROVIDE SIGNAGE AT DISCONNECT SWITCH TO READ 'SERVICE DISCONNECT 1 OF 2'
11	3-SOCKET BRANCH UNIT, 3-PH IN; 1-PH OUT, WITH (3) 125A BRANCH BREAKERS, SQUARE D 'EZ METER-PAK' #EZMH313125. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT BEING SERVED.
12	3-SOCKET BRANCH UNIT, 3-PH IN; 1-PH OUT, WITH (3) 150A BRANCH BREAKERS, SQUARE D 'EZ METER-PAK' #EZMH313225. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT BEING SERVED.
13	2-SOCKET COMMERCIAL BRANCH UNIT, 3PH IN; 1-PH OUT, WITH (2) 200A BRANCH BREAKERS, SQUARE D 'EZ METER-PAK' #EZML312225. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE COMMERCIAL SPACE BEING SERVED.
14	MAXIMUM HEIGHT TO CENTERLINE OF TOP METER SOCKET SHALL BE 5'-6" AFG.
15	MINIMUM HEIGHT TO BOTTOM OF METER SOCKET ASSEMBLY SHALL BE 2'-6" AFG.
16	SEE FEEDER SCHEDULE, THIS SHEET FOR SIZES TO APARTMENT UNIT LOAD CENTERS AND COMMERCIAL SPACE PANELS.
17	#3/0 CU GROUNDING ELECTRODE CONDUCTOR TO COMMON GROUNDING ELECTRODE CONDUCTOR BUSBAR. SEE DETAIL 3.E6.1.
18	#2/0 CU GROUNDING ELECTRODE CONDUCTOR TO COMMON GROUNDING ELECTRODE CONDUCTOR BUSBAR. SEE DETAIL 3.E6.1.
19	PROVIDE SCHEDULE 40 PVC SLIP JOINTS.
20	200A METER FOR FIRE PUMP SERVICE PROVIDED BY UTILITY, INSTALLED BY E.C. INSTALL METER SOCKET BETWEEN 54"-66" AFG.
21	(4) #1 IN 2"C. SEE FIRE RISER DETAIL ON SHEET E6.1 FOR CONTINUATION.

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Project 25037 10/24/2025

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SHEET NO.:

E6.2

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Project 25037 — 10/24/2025

Designation: P0E

Installed Location: EAST BASEMENT
Voltage: 120/208 1PH 3W-1Ph-3W
Mounting: Surface
Enclosure: NEMA 1

Bus Amps: 100
MCB Amps: MLO
Features & Modifications: -

SCCR/AIC: 22.0 kA
Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
P0E:1	LTG - EAST BASEMENT	1/2"C,1#12,#12N,#12G	20		140	188		20	1/2"C,1#12,#12N,#12G	DEHUMIDIFIER - EAST BASEMENT	P0E:2
P0E:3	RCPT - EAST BASEMENT	1/2"C,1#12,#12N,#12G	20		360	183		20	1/2"C,1#12,#12N,#12G	SUMP PUMP - EAST BASEMENT	P0E:4
P0E:5	SPARE	--	20		0 VA	--		--	--	SPACE	P0E:6
P0E:7	SPARE	--	20		0 VA	--		--	--	SPACE	P0E:8
P0E:9	SPACE	--	--		--	--		--	--	SPACE	P0E:10
P0E:11	SPACE	--	--		--	--		--	--	SPACE	P0E:12
			Connected Load:		328 VA	2196 VA					
			Connected Amps:		3.2 A	18.7 A					

Designation: P0W

Installed Location: WEST BASEMENT
Voltage: 120/208 1PH 3W-1Ph-3W
Mounting: Surface
Enclosure: NEMA 1

Bus Amps: 100
MCB Amps: MLO
Features & Modifications: -

SCCR/AIC: 22.0 kA
Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
P0W:1	LTG - WEST BASEMENT	1/2"C,1#12,#12N,#12G	20		306	183		20	1/2"C,1#12,#12N,#12G	SUMP PUMP - WEST BASEMENT	P0W:2
P0W:3	LTG - ELEVATOR PIT	1/2"C,1#12,#12N,#12G	20			48	188	20	1/2"C,1#12,#12N,#12G	DEHUMIDIFIER - WEST BASEMENT	P0W:4
P0W:5	RCPT - ELEVATOR PIT	1/2"C,1#12,#12N,#12G	20		180	360		20	1/2"C,1#12,#12N,#12G	RCPT - WEST BASEMENT	P0W:6
P0W:7	SPARE	--	20			0 VA	--	--	--	SPACE	P0W:8
P0W:9	SPARE	--	20		0 VA	--		--	--	SPACE	P0W:10
P0W:11	SPACE	--	--		--	--		--	--	SPACE	P0W:12
			Connected Load:		2682 VA	236 VA					
			Connected Amps:		22.7 A	2.3 A					

Panelboard: P1

Location: MECH/ELEC 109
Supply: H1
Mounting: Surface
Enclosure: NEMA 1

Voltage: 208 V, 3Ø, 4W
Bus Rating: 225 A
Neutral: 100%
Feed-Thru Lugs: No
Features & Modifications: -

Mains Type: MLO
Mains Rating: 225 A
Mains FN/Note: -
SCCR: 22 kA

Ckt	Description	Circuitry	Trip (A)	FN	A KVA	B KVA	C KVA	FN	Trip (A)	Circuitry	Description	Ckt
P1:1	LTG - 107-111	1/2"C,1#12,#12N,#12G	20		0.5	0.9			20	1/2"C,2#12,#12G	EWH-1 VEST 108	P1:2
P1:3	LTG - 1ST FLOOR HALLS	1/2"C,1#12,#12N,#12G	20			1.24	0.9					P1:4
P1:5	LTG - 117	1/2"C,1#12,#12N,#12G	20				0.6	1.67				P1:6
P1:7	LTG - NORTH WALL PACKS	1/2"C,1#12,#12N,#12G	20		0.29	1.67			20	1/2"C,3#12,#12G	EUH-1 FIRE PUMP ROOM	P1:8
P1:9	LTG - EXTERIOR LIGHTING CONTROLS	1/2"C,1#12,#12N,#12G	20			0	1.67					P1:10
P1:11	LTG - PARKING LOT POLES	1/2"C,1#12,#12N,#12G	20				0.25	1.67				P1:12
P1:13	LTG - ROOF WALL PACKS	1/2"C,1#12,#12N,#12G	20		0.1	1.67			20	1/2"C,3#12,#12G	EUH-2 MECH 109	P1:14
P1:15	RCPT - 1ST FLOOR HALLS	1/2"C,1#12,#12N,#12G	20			0.72	1.67					P1:16
P1:17	RCPT - TOILETS 113/114	1/2"C,1#12,#12N,#12G	20				0.36	1.68				P1:18
P1:19	RCPT - OFFICE 107	1/2"C,1#12,#12N,#12G	20		0.9	1.68			20	1/2"C,3#12,#12G	DOMESTIC WATER BOOSTER PUMP	P1:20
P1:21	RCPT - OFFICE 107 (CONTROLLED)	1/2"C,1#12,#12N,#12G	20			0.9	1.68					P1:22
P1:23	ERV - OFFICE 107	1/2"C,1#12,#12N,#12G	20				0	0.12	20	1/2"C,1#12,#12N,#12G	HOT WATER RECIRCULATION PUMP	P1:24
P1:25	RCPT - 117	1/2"C,1#12,#12N,#12G	20		0.18	2.25			30	1/2"C,2#10,#10G	HWH-B	P1:26
P1:27	RCPT - 117	1/2"C,1#12,#12N,#12G	20			0.72	2.25					P1:28
P1:29	RCPT - 117	1/2"C,1#12,#12N,#12G	20				0.54	1.25	20	1/2"C,2#12,#12G	HEAT PUMP 'HP-1' 117	P1:30
P1:31	RCPT - 117	1/2"C,1#12,#12N,#12G	20		0.9	1.25						P1:32
P1:33	RCPT - 117 COUNTER	1/2"C,1#12,#12N,#12G	20				0.54	1.35	20	1/2"C,2#12,#12G	HEAT PUMP 'HP-2' 207	P1:34
P1:35	RCPT - 117 DISHWASHER	1/2"C,1#12,#12N,#12G	20					0.18	1.35			P1:36
P1:37	RCPT - 117 REFRIGERATOR	1/2"C,1#12,#12N,#12G	20		0.18	3.95			35	1/2"C,2#8,#10G	HEAT PUMP 'OU-3' 101/201	P1:38
P1:39	RCPT - MECH 121	1/2"C,1#12,#12N,#12G	20			0.36	3.95					P1:40
P1:41	RCPT - ROOF	1/2"C,1#12,#12N,#12G	20				0.36	--	--	--	SPACE	P1:42
P1:43	RCPT - TELECOM BACKBOARD - MECH 121	1/2"C,1#12,#12N,#12G	20		0.36	2.29			20	1/2"C,2#10,#12G	HEAT PUMP 'OU-5' 107/111	P1:44
P1:45	RCPT - TELECOM BACKBOARD - MECH 121	1/2"C,1#12,#12N,#12G	20			0.36	2.29					P1:46
P1:47	BLOWER COIL 'BC-1' MECH 121	1/2"C,2#8,#10G	40				3.16	0.9	20	1/2"C,2#12,#12G	EWH-2 STAIR S2	P1:48
P1:49					3.16	0.9						P1:50
P1:51	ERV-7 MECH 121	1/2"C,2#12,#12G	20				0	0.9	20	1/2"C,2#12,#12G	EWH-3 LOBBY 101	P1:52
P1:53								0	0.9			P1:54
P1:55	ELECTRIC WATER COOLER	1/2"C,1#12,#12N,#12G	20		0.18	0.36			20	1/2"C,1#12,#12N,#12G	SECURITY CAMERAS	P1:56
P1:57	FIRE ALARM CONTROL PANEL	1/2"C,1#12,#12N,#12G	20	L		0.36	0		20	--	SPARE	P1:58
P1:59	FIRE SUPPRESSION ACCESSORIES	1/2"C,1#12,#12N,#12G	20	L				0.36	0	20	--	SPARE	P1:60
P1:61	RCPT - FIRE PUMP ROOM	1/2"C,1#12,#12N,#12G	20		0.54	0				20	--	SPARE	P1:62
P1:63	RCPT - MECH 109	1/2"C,1#12,#12N,#12G	20			0.9	0			20	--	SPARE	P1:64
P1:65	SPACE	--	--					--	--	--	--	SPACE	P1:66
P1:67	SPACE	--	--		--	--				--	--	SPACE	P1:68
P1:69	SPACE	--	--				--	--		--	--	SPACE	P1:70
P1:71	SPACE	--	--					--	--	--	--	SPACE	P1:72
P1:73	SPACE	--	--		--	--				--	--	SPACE	P1:74
P1:75	SPACE	--	--				--	--		--	--	SPACE	P1:76
P1:77	SPACE	--	--					--	--	--	--	SPACE	P1:78
P1:79	SPACE	--	--		--	--				--	--	SPACE	P1:80
P1:81	SPACE	--	--				--	--		--	--	SPACE	P1:82
P1:83	SPACE	--	--					--	--	--	--	SPACE	P1:84
			Connected Load:		24 kVA	23 kVA	15 kVA					
			Connected Current:		211 A	199 A	128 A					

Panelboard: P2

Location: MECHANICAL 208
Supply: H1
Mounting: Surface
Enclosure: NEMA 1

Voltage: 208 V, 3Ø, 4W
Bus Rating: 100 A
Neutral: 100%
Feed-Thru Lugs: Yes
Features & Modifications: -

Mains Type: MLO
Mains Rating: 100 A
Mains FN/Note: -
SCCR: 22 kA

Ckt	Description	Circuitry	Trip (A)	FN	A KVA	B KVA	C KVA	FN	Trip (A)	Circuitry	Description	Ckt
P2:1	LTG - 2ND FLOOR HALLS	1/2"C,1#12,#12N,#12G	20		1.03	3.29			50	3/4"C,2#6,#10G	BLOWER COIL 'BC-2' MECH 208	P2:2
P2:3	LTG - 207	1/2"C,1#12,#12N,#12G	20			0.34	3.29					P2:4
P2:5	LTG - SOUTH FACADE	1/2"C,1#12,#12N,#12G	20				0	0	20	1/2"C,2#12,#12G	ERV-8 MECH 208	P2:6
P2:7	LTG - WEST FACADE	1/2"C,1#12,#12N,#12G	20		0	0						P2:8
P2:9	RCPT - MECH 208	1/2"C,1#12,#12N,#12G	20			0.36	3.95		35	1/2"C,2#8,#10G	HEAT PUMP 'OU-6' EAST ROOF	P2:10
P2:11	RCPT - IT 203	1/2"C,1#12,#12N,#12G	20				0.36	3.95				P2:12
P2:13	RCPT - IT 203	1/2"C,1#12,#12N,#12G	20		0.36	0			20	--	SPARE	P2:14
P2:15	RCPT- 207	1/2"C,1#12,#12N,#12G	20			0.72	0		20	--	SPARE	P2:16
P2:17	RCPT- 207	1/2"C,1#12,#12N,#12G	20				0.72	--	--	--	SPACE	P2:18
P2:19	RCPT- 207	1/2"C,1#12,#12N,#12G	20		0.54	--			--	--	SPACE	P2:20
P2:21	RCPT - EAST ROOF	1/2"C,1#12,#12N,#12G	20			0.18	--		--	--	SPACE	P2:22
P2:23	SPACE	--	--				--	--	--	--	SPACE	P2:24
			Connected Load:		5 kVA	9 kVA	5 kVA					
			Connected Current:		44 A	74 A	42 A					

(Includes load connected via feed-thru lugs.)

Panelboard: H1

Location: MECH/ELEC 109
Supply: Utility Transformer
Mounting: Surface
Enclosure: NEMA 1
Features & Modifications: -

Voltage: 208 V, 3 Ø, 4 W
Bus Rating: 600 A
Neutral: 100%
Mains Type: MLO
Mains Rating: 600 A
Mains FN/Note: -
SCCR: 42 kA

Ckt	Description	Frame (A)	Trip (A)	Poles	FN/Note	Load
H1:1	P0W	100	100	2		2918
H1:2	P0E	100	100	2		2524
H1:3	P1	225	225	3		62334
H1:4	P2	100	100	3		19080
H1:5	P3	100	100	3		37402
H1:6	P5	100	100	3		8403
H1:7	P4	225	225	3		35398
H1:8	Elevator	100	100	3		17436
H1:9	SPARE	225	225	3		0
H1:...	SPARE	225	225	3		0
H1:...	SPACE	--	--	1		--
H1:...	SPACE	--	--	1		--

Load Summary

Load Classification	Connected	Factor	Demand	Panel Totals	
Motor	10845 VA	111.63%	12106 VA	**Connected Load:**	186 kVA
Other	20017 VA	100.00%	20017 VA	**Connected Current:**	518 A
Lighting - Interior	8105 VA	125.00%	10131 VA	**Demand Load:**	187 kVA
Receptacle - General	25920 VA	69.29%	17960 VA	**Demand Current:**	519 A
Electric Water Heating	4500 VA	125.00%	5625 VA	**Non-Coincident...**	23.7 A
HVAC	75712 VA	100.00%	75712 VA	**Total Est. Demand ...**	494.9 A
Electric Heat	15433 VA	125.00%	19291 VA		
Elevator	17436 VA	100.00%	17436 VA		
Cooling	8528 VA	100.00%	8528 VA		

Breaker Function Schedule

A	Arc-Fault Interrupter (AFCI) Protection
G	Ground-Fault Circuit Interrupter (GFCI) Protection (5 mA)
GA	Combination Arc-Fault Interrupter (AFCI) and Ground-Fault Circuit Interrupter, 5mA (GFCI Protection
L	Breaker hasp to prevent unintentional opening

ASI #1 NOTE

1 SHEET HAS BEEN REVISED FOR ASI #1 PLAN CHANGES. SEE MEP NARRATIVE FOR MORE INFORMATION.

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ABILENE, TEXAS

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10-24-2025

REVISIONS:

1	01/16/2026	ASI #1
2	04/21/2026	ASI #2

DATE: 10/24/2025
JOB: 24-3483
SHEET NO.:

E6.4

Breaker Function Schedule	
A	Arc-Fault Interrupter (AFCI) Protection
G	Ground-Fault Circuit Interrupter (GFCI) Protection (5 mA)
GA	Combination Arc-Fault Interrupter (AFCI) and Ground-Fault Circuit Interrupter, 5mA (GFCI Protection
L	Breaker hasp to prevent unintentional opening

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Project 25037 **10/24/2025**

Designation: 102

Installed Location:
Voltage: 120/208 1PH 3W-1Ph-3W
Mounting: Flush
Enclosure: NEMA 1

Bus Amps: 125
MCB Amps: MLO
Features & Modifications: -

SCCR/AIC:
Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
102:1	REFRIGERATOR	1/2"C,1#12,#12N,#12G	20	GA	8.3 A 38....		G	50	3/4"C,2#6,#10G	ELECTRIC RANGE	102:2
102:3	KITCHEN RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA		3.0 A 38....					102:4
102:5	HOOD/MICROWAVE	1/2"C,1#12,#12N,#12G	20	GA	8.3 A 24....		G	30	1/2"C,2#10,#10G	CLOTHES DRYER	102:6
102:7	KITCHEN RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA		4.5 A 24....					102:8
102:9	DISHWASHER	1/2"C,1#12,#12N,#12G	20	GA	7.0 A 21....			30	1/2"C,2#10,#10G	WATER HEATER	102:10
102:11	GARBAGE DISPOSAL	1/2"C,1#12,#12N,#12G	20	GA		9.8 A 21....					102:12
102:13	LIVING AREA RECEPTACLES	1/2"C,1#12,#12N,#12G	20	A	10.... 38....			35	1/2"C,2#8,#10G	IU-1A/B/C & OU-1	102:14
102:15	WASHING MACHINE	1/2"C,1#12,#12N,#12G	20	GA		10.... 38....					102:16
102:17	BATHROOM	1/2"C,1#12,#12N,#12G	20	GA	3.3 A 1.7 A		A	20	1/2"C,1#12,#12N,#12G	LIVING AREA/KITCHEN LIGHTING	102:18
102:19	BEDROOM #1	1/2"C,1#12,#12N,#12G	20	A		8.8 A 0.0 A	A	20	--	SPARE	102:20
102:21	CLOSET IT ENCLOSURE	1/2"C,1#12,#12N,#12G	20	A	3.0 A 0.0 A			30	--	SURGE PROTECTION	102:22
102:23	BEDROOM #2	1/2"C,1#12,#12N,#12G	20	A		8.8 A 0.0 A					102:24

Notes:
PANEL SCHEDULE IS TYPICAL FOR UNITS: 102, 103, 204, AND 205.

Designation: 105

Installed Location:
Voltage: 120/208 1PH 3W-1Ph-3W
Mounting: Flush
Enclosure: NEMA 1

Bus Amps: 125
MCB Amps: MLO
Features & Modifications: -

SCCR/AIC:
Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
105:1	REFRIGERATOR	1/2"C,1#12,#12N,#12G	20	GA	8.3 A 38....		G	50	3/4"C,2#6,#10G	ELECTRIC RANGE	105:2
105:3	KITCHEN RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA		1.5 A 38....					105:4
105:5	DISHWASHER	1/2"C,1#12,#12N,#12G	20	GA	7.0 A 24....		G	30	1/2"C,2#10,#10G	CLOTHES DRYER	105:6
105:7	GARBAGE DISPOSAL	1/2"C,1#12,#12N,#12G	20	GA		9.8 A 24....					105:8
105:9	KITCHEN RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA	3.0 A 21....			30	1/2"C,2#10,#10G	WATER HEATER	105:10
105:11	HOOD/MICROWAVE	1/2"C,1#12,#12N,#12G	20	GA		8.3 A 21....					105:12
105:13	LIVING AREA RECEPTACLES	1/2"C,1#12,#12N,#12G	20	A	7.5 A 31....			40	1/2"C,2#8,#10G	BLOWER COIL "BC-2"	105:14
105:15	ENTRY & IT CLOSET RECEPTACLE	1/2"C,1#12,#12N,#12G	20	A		9.0 A 31....					105:16
105:17	WASHING MACHINE	1/2"C,1#12,#12N,#12G	20	GA	10.... 13....			20	1/2"C,2#12,#12G	HEAT PUMP "HP-2"	105:18
105:19	BATHROOM	1/2"C,1#12,#12N,#12G	20	GA		3.3 A 13....					105:20
105:21	BEDROOM	1/2"C,1#12,#12N,#12G	20	A	10.... 0.0 A			30	--	SURGE PROTECTION	105:22
105:23	LIVING AREA/KITCHEN LIGHTING	1/2"C,1#12,#12N,#12G	20	A		1.2 A 0.0 A					105:24

Notes:

Designation: 106

Installed Location:
Voltage: 120/208 1PH 3W-1Ph-3W
Mounting: Flush
Enclosure: NEMA 1

Bus Amps: 125
MCB Amps: MLO
Features & Modifications: -

SCCR/AIC:
Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
106:1	REFRIGERATOR	1/2"C,1#12,#12N,#12G	20	GA	1.5 A 38....		G	50	3/4"C,2#6,#10G	ELECTRIC RANGE	106:2
106:3	KITCHEN RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA		1.5 A 38....					106:4
106:5	DISHWASHER	1/2"C,1#12,#12N,#12G	20	GA	7.0 A 24....		G	30	1/2"C,2#10,#10G	CLOTHES DRYER	106:6
106:7	GARBAGE DISPOAL	1/2"C,1#12,#12N,#12G	20	GA		9.8 A 24....					106:8
106:9	KITCHEN RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA	3.0 A 21....			30	1/2"C,2#10,#10G	WATER HEATER	106:10
106:11	HOOD/MICROWAVE	1/2"C,1#12,#12N,#12G	20	GA		8.3 A 21....					106:12
106:13	LIVING AREA RECEPTACLES	1/2"C,1#12,#12N,#12G	20	A	6.0 A 38....			50	3/4"C,2#6,#10G	BLOWER COIL "BC-3"	106:14
106:15	BATHROOM	1/2"C,1#12,#12N,#12G	20	GA		3.3 A 38....					106:16
106:17	LIVING AREA/ KITCHEN LIGHTING	1/2"C,1#12,#12N,#12G	20	A	1.3 A 16....			30	1/2"C,2#10,#10G	HEAT PUMP "HP-3"	106:18
106:19	BEDROOM #2	1/2"C,1#12,#12N,#12G	20	A		7.3 A 16....					106:20
106:21	BEDROOM #1	1/2"C,1#12,#12N,#12G	20	A	7.4 A --			--	--	SPACE	106:22
106:23	CLOSET IT ENCLOSURE	1/2"C,1#12,#12N,#12G	20	A		3.0 A --		--	--	SPACE	106:24
106:25	WASHING MACHINE	1/2"C,1#12,#12N,#12G	20	GA	10.... --			--	--	SPACE	106:26
106:27	ENTRY AREA RECEPTACLES	1/2"C,1#12,#12N,#12G	20	A		6.0 A 0.0 A		30	--	SURGE PROTECTION	106:28
106:29	SPARE	--	20	A	0.0 A 0.0 A						106:30

Notes:

Panelboard: CS1

Location: COMMERCIAL SPACE 1 COMMERCIAL SPACE 115
Supply: RMC PANEL
Mounting: Surface
Enclosure: NEMA 1

Voltage: 208 V, 1Ø, 3W
Bus Rating: 100 A
Neutral: 100%
Feed-Thru Lugs: No
Features & Modifications: -

Mains Type: MLO
Mains Rating: 200 A
Mains FN/Note: -
SCCR: 10 kA

Ckt	Description	Circuitry	Trip (A)	FN	A KVA	B KVA	FN	Trip (A)	Circuitry	Description	Ckt
CS1:1	LTG - 102	1/2"C,1#12,#12N,#12G	20		0.27	2.29		25	1/2"C,2#10,#10G	HEAT PUMP 'OU-4'	CS1:2
CS1:3	RCPT - 102	1/2"C,1#12,#12N,#12G	20			0.54	2.25			CB 102	CS1:4
CS1:5	RCPT - 102	1/2"C,1#12,#12N,#12G	20		0.54	0		20	1/2"C,1#12,#12N,#12G	ERV-4	CS1:6
CS1:7	RCPT - 102	1/2"C,1#12,#12N,#12G	20			0.36	--	--	--	SPACE	CS1:8
CS1:9	SPACE	--	--	--	--		--	--	--	SPACE	CS1:10
CS1:11	SPACE	--	--			--	--	--	--	SPACE	CS1:12
CS1:13	SPACE	--	--	--	--		--	--	--	SPACE	CS1:14
CS1:15	SPACE	--	--			--	--	--	--	SPACE	CS1:16
CS1:17	SPACE	--	--	--	--		--	--	--	SPACE	CS1:18
CS1:19	SPACE	--	--			--	--	--	--	SPACE	CS1:20
CS1:21	SPACE	--	--	--	--		--	--	--	SPACE	CS1:22
CS1:23	SPACE	--	--			--	--	--	--	SPACE	CS1:24
					Connected Load:	3 kVA					
					Connected Current:	30 A					

Panelboard: CS2

Location: COMMERCIAL SPACE 2 COMMERCIAL SPACE 2 125
Supply: RMC PANEL
Mounting: Flush
Enclosure: NEMA 1

Voltage: 208 V, 1Ø, 3W
Bus Rating: 100 A
Neutral: 100%
Feed-Thru Lugs: No
Features & Modifications: -

Mains Type: MLO
Mains Rating: 200 A
Mains FN/Note: -
SCCR: 10 kA

Ckt	Description	Circuitry	Trip (A)	FN	A KVA	B KVA	FN	Trip (A)	Circuitry	Description	Ckt
CS2:1	LTG - 106	1/2"C,1#12,#12N,#12G	20		0.43	2.6		40	1/2"C,2#8,#10G	HEAT PUMP - 'HP-4'	CS2:2
CS2:3	RCPT - 106	1/2"C,1#12,#12N,#12G	20			0.72	2.6				CS2:4
CS2:5	RCPT - 106	1/2"C,1#12,#12N,#12G	20		0.54	4.22		60	3/4"C,2#4,#10G	BLOWER COIL 'BC-4' CIRCUIT #1	CS2:6
CS2:7	RCPT - 106	1/2"C,1#12,#12N,#12G	20			0.72	4.22				CS2:8
CS2:9	RCPT - 106	1/2"C,1#12,#12N,#12G	20		0.54	1.8		30	1/2"C,2#10,#10G	BLOWER COIL 'BC-4' CIRCUIT #2	CS2:10
CS2:11	SPACE	--	--			--	1.8				CS2:12
CS2:13	SPACE	--	--	--	0.29			20	1/2"C,1#12,#12N,#12G	ERV-4	CS2:14
CS2:15	SPACE	--	--			--	--	--	--	SPACE	CS2:16
CS2:17	SPACE	--	--	--	--			--	--	SPACE	CS2:18
CS2:19	SPACE	--	--			--	--	--	--	SPACE	CS2:20
CS2:21	SPACE	--	--	--	--			--	--	SPACE	CS2:22
CS2:23	SPACE	--	--			--	--	--	--	SPACE	CS2:24
					Connected Load:	10 kVA					
					Connected Current:	100 A					

Designation: 101

Installed Location:
Voltage: 120/208 1PH 3W-1Ph-3W
Mounting: Flush
Enclosure: NEMA 1

Bus Amps: 150
MCB Amps: MLO
Features & Modifications: -

SCCR/AIC:
Mains FN/Note: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
101:1	REFRIGERATOR	1/2"C,1#12,#12N,#12G	20	GA	8.3 A 38....		G	50	3/4"C,2#6,#10G	ELECTRIC RANGE	101:2
101:3	KITCHEN RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA		1.5 A 38....					101:4
101:5	KITCHEN RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA	3.0 A 24....		G	30	1/2"C,2#10,#10G	CLOTHES DRYER	101:6
101:7	DISHWASHER	1/2"C,1#12,#12N,#12G	20	GA		7.0 A 24....					101:8
101:9	GARBAGE DISPOSAL	1/2"C,1#12,#12N,#12G	20	GA	9.8 A 21....			30	1/2"C,2#10,#10G	WATER HEATER	101:10
101:11	HOOD/MICROWAVE	1/2"C,1#12,#12N,#12G	20	GA		8.3 A 21....					101:12
101:13	LIVING AREA RECEPTACLES	1/2"C,1#12,#12N,#12G	20	A	9.0 A 38....			35	1/2"C,2#8,#10G	IU-1A/B/C & OU-1	101:14
101:15	WASHING MACHINE	1/2"C,1#12,#12N,#12G	20	GA		10.... 38....					101:16
101:17	CLOSET IT ENCLOSURE	1/2"C,1#12,#12N,#12G	20	A	6.0 A --			--	--	SPACE	101:18
101:19	BATHROOM	1/2"C,1#12,#12N,#12G	20	GA		3.3 A --		--	--	SPACE	101:20
101:21	BEDROOM	1/2"C,1#12,#12N,#12G	20	A	10.... 0.0 A			30	--	SURGE PROTECTION	101:22
101:23	LIVING AREA/KITCHEN LIGHTING	1/2"C,1#12,#12N,#12G	20	A		1.3 A 0.0 A					101:24

Notes:
PANEL SCHEDULE IS TYPICAL FOR UNITS: 101, 202, AND 203.

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Project 25037 — 10/24/2025

ASI #1 NOTE

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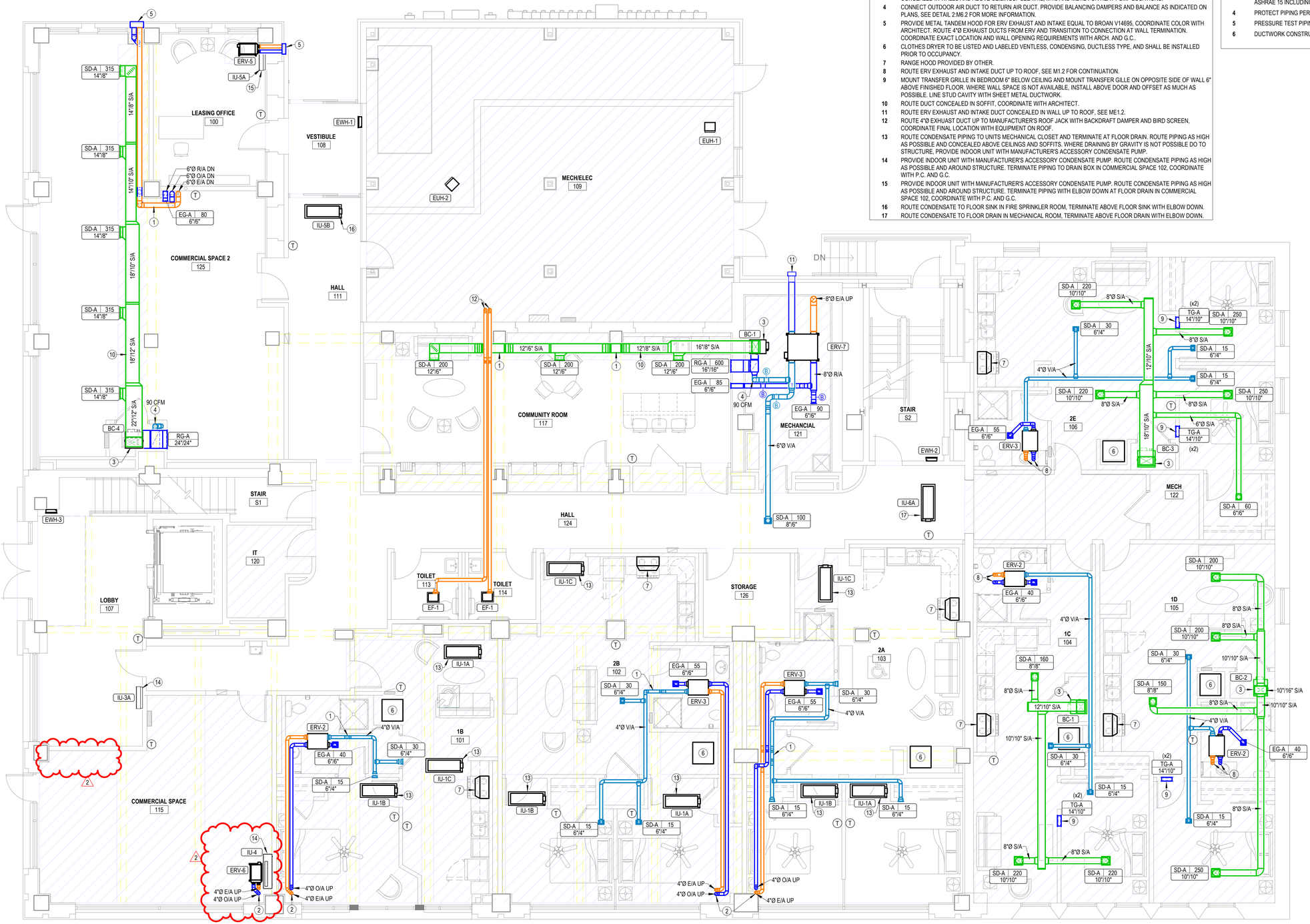
NOTES BY SYMBOL

1 OFFSET DUCTWORK BELOW BEAM, TYPICAL. COORDINATE SOFFIT AND CHASE REQUIREMENTS WITH ARCHITECT AND G.C.
2 ROUTE ERV EXHAUST AND INTAKE DUCT UP TO SECOND FLOOR CONCEALED IN FIRE RATED CHASE. COORDINATE REQUIREMENTS WITH OWNER.
3 ROUTE REFRIGERANT PIPING FROM BLOWER COIL TO CORRESPONDING HEAT PUMP UNIT ON ROOF AND ROUTE PIPING CONCEALED IN WALLS AND ABOVE CEILINGS. SEE M1.2, M1.3 AND ME1.2 FOR HEAT PUMP LOCATIONS.
4 CONNECT OUTDOOR AIR DUCT TO RETURN AIR DUCT. PROVIDE BALANCING DAMPERS AND BALANCE AS INDICATED ON PLANS, SEE DETAIL 2/M6.2 FOR MORE INFORMATION.
5 PROVIDE METAL TANDEM HOOD FOR ERV EXHAUST AND INTAKE EQUAL TO BROAN V14695, COORDINATE COLOR WITH ARCHITECT. ROUTE 4"Ø EXHAUST DUCTS FROM ERV AND TRANSITION TO CONNECTION AT WALL TERMINATION. COORDINATE EXACT LOCATION AND WALL OPENING REQUIREMENTS WITH ARCH. AND G.C..
6 CLOTHES DRYER TO BE LISTED AND LABELED VENTLESS, CONDENSING, DUCTLESS TYPE, AND SHALL BE INSTALLED PRIOR TO OCCUPANCY.
7 RANGE HOOD PROVIDED BY OTHER.
8 ROUTE ERV EXHAUST AND INTAKE DUCT UP TO ROOF, SEE M1.2 FOR CONTINUATION.
9 MOUNT TRANSFER GRILLE IN BEDROOM 6" BELOW CEILING AND MOUNT TRANSFER GILLE ON OPPOSITE SIDE OF WALL 6" ABOVE FINISHED FLOOR. WHERE WALL SPACE IS NOT AVAILABLE, INSTALL ABOVE DOOR AND OFFSET AS MUCH AS POSSIBLE. LINE STUD CAVITY WITH SHEET METAL DUCTWORK.
10 ROUTE DUCT CONCEALED IN SOFFIT, COORDINATE WITH ARCHITECT.
11 ROUTE ERV EXHAUST AND INTAKE DUCT CONCEALED IN WALL UP TO ROOF, SEE ME1.2.
12 ROUTE 4"Ø EXHUAST DUCT UP TO MANUFACTURER'S ROOF JACK WITH BACKDRAFT DAMPER AND BIRD SCREEN, COORDINATE FINAL LOCATION WITH EQUIPMENT ON ROOF.
13 ROUTE CONDENSATE PIPING TO UNITS MECHANICAL CLOSET AND TERMINATE AT FLOOR DRAIN. ROUTE PIPING AS HIGH AS POSSIBLE AND CONCEALED ABOVE CEILINGS AND SOFFITS. WHERE DRAINING BY GRAVITY IS NOT POSSIBLE DO TO STRUCTURE, PROVIDE INDOOR UNIT WITH MANUFACTURER'S ACCESSORY CONDENSATE PUMP.
14 PROVIDE INDOOR UNIT WITH MANUFACTURER'S ACCESSORY CONDENSATE PUMP. ROUTE CONDENSATE PIPING AS HIGH AS POSSIBLE AND AROUND STRUCTURE. TERMINATE PIPING TO DRAIN BOX IN COMMERCIAL SPACE 102, COORDINATE WITH P.C. AND G.C.
15 PROVIDE INDOOR UNIT WITH MANUFACTURER'S ACCESSORY CONDENSATE PUMP. ROUTE CONDENSATE PIPING AS HIGH AS POSSIBLE AND AROUND STRUCTURE. TERMINATE PIPING WITH ELBOW DOWN AT FLOOR DRAIN IN COMMERCIAL SPACE 102, COORDINATE WITH P.C. AND G.C.
16 ROUTE CONDENSATE TO FLOOR SINK IN FIRE SPRINKLER ROOM, TERMINATE ABOVE FLOOR SINK WITH ELBOW DOWN.
17 ROUTE CONDENSATE TO FLOOR DRAIN IN MECHANICAL ROOM, TERMINATE ABOVE FLOOR DRAIN WITH ELBOW DOWN.

GENERAL MECHANICAL NOTES

1 MOUNT ALL DUCT AS HIGH AS POSSIBLE BELOW STRUCTURE AND WHERE REQUIRED TO OFFSET, KEEP AS TIGHT AND HIGH AS POSSIBLE.
2 PROVIDE SHOP DRAWINGS SHOWING EXACT ROUTING OF REFRIGERANT PIPING FOR REVIEW BY ARCHITECT AND ENGINEER.
3 INSTALL REFRIGERANT PIPING IN ACCORDANCE WITH ALL PROVISIONS OF ASHRAE 15 INCLUDING LASTEST ADDENDA.
4 PROTECT PIPING PER ASHRAE 15 SECTION 9.12.
5 PRESSURE TEST PIPING PER ASHRAE 15 SECTION 9.13.
6 DUCTWORK CONSTRUCTION SHALL COMPLY WITH 2021 IECC.



1 HVAC FLOOR PLAN-FIRST FLOOR PLAN

3/16" = 1'-0"

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LANDMARK ON CYPRESS
HISTORIC REHABILITATION - APARTMENTS
ABILENE, TEXAS

STATE OF TEXAS — TIMOTHY C. TREDWAY — 95252 — LICENSED PROFESSIONAL ENGINEER
10-24-2025

REVISIONS:
1 01/16/2026 ASI #1
2 04/21/2026 ASI #2

DATE: 10/24/2025
JOB: 24-3483
SHEET NO.:

M1.1

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Project 25037 — 10/24/2025

ASI #1 NOTE

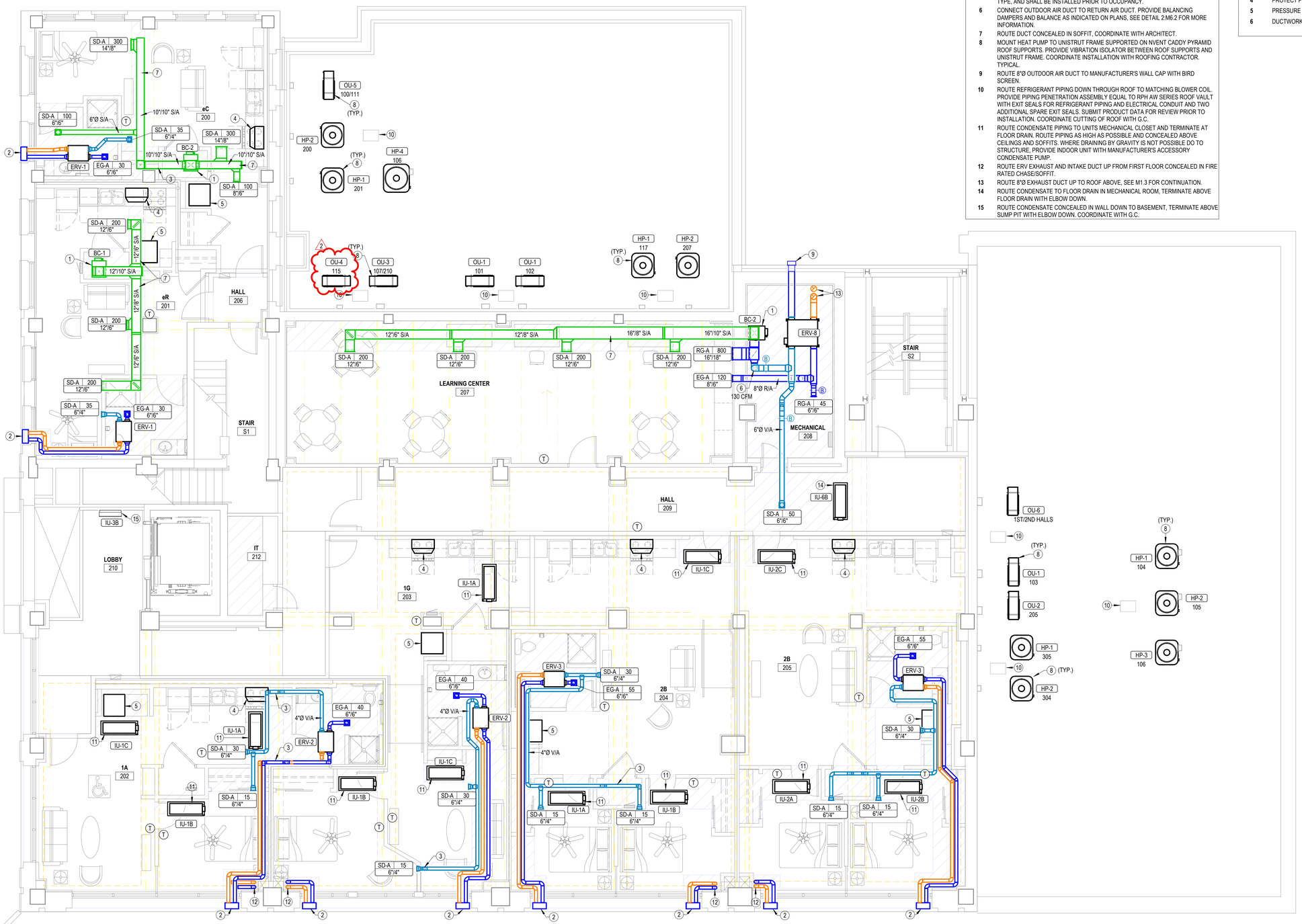
1 SHEET HAS BEEN REVISED FOR ASI #1 PLAN CHANGES. SEE MEP NARRATIVE FOR MORE INFORMATION.

NOTES BY SYMBOL

1. ROUTE REFRIGERANT PIPING FROM BLOWER COIL TO CORRESPONDING HEAT PUMP UNIT ON ROOF AND ROUTE PIPING CONCEALED IN WALLS AND ABOVE CEILINGS. SEE M1.2, M1.3 AND ME1.2 FOR HEAT PUMP LOCATIONS.
2. PROVIDE METAL TANDEM HOOD FOR ERV EXHAUST AND INTAKE EQUAL TO BROAN V14695, COORDINATE COLOR WITH ARCHITECT. ROUTE 4"Ø EXHAUST DUCTS FROM ERV AND TRANSITION TO CONNECTION AT WALL TERMINATION. COORDINATE EXACT LOCATION AND WALL OPENING REQUIREMENTS WITH ARCH. AND G.C..
3. OFFSET DUCTWORK BELOW BEAM, TYPICAL. COORDINATE SOFFIT AND CHASE REQUIREMENTS WITH ARCHITECT AND G.C.
4. RANGE HOOD PROVIDED BY OTHER.
5. CLOTHES DRYER TO BE LISTED AND LABELED VENTLESS, CONDENSING, DUCTLESS TYPE, AND SHALL BE INSTALLED PRIOR TO OCCUPANCY.
6. CONNECT OUTDOOR AIR DUCT TO RETURN AIR DUCT. PROVIDE BALANCING DAMPERS AND BALANCE AS INDICATED ON PLANS, SEE DETAIL 2/M6.2 FOR MORE INFORMATION.
7. ROUTE DUCT CONCEALED IN SOFFIT, COORDINATE WITH ARCHITECT.
8. MOUNT HEAT PUMP TO UNISTRUT FRAME SUPPORTED ON NVENT CADDY PYRAMID ROOF SUPPORTS. PROVIDE VIBRATION ISOLATOR BETWEEN ROOF SUPPORTS AND UNISTRUT FRAME. COORDINATE INSTALLATION WITH ROOFING CONTRACTOR. TYPICAL.
9. ROUTE 8"Ø OUTDOOR AIR DUCT TO MANUFACTURER'S WALL CAP WITH BIRD SCREEN.
10. ROUTE REFRIGERANT PIPING DOWN THROUGH ROOF TO MATCHING BLOWER COIL. PROVIDE PIPING PENETRATION ASSEMBLY EQUAL TO RPH AW SERIES ROOF VAULT WITH EXIT SEALS FOR REFRIGERANT PIPING AND ELECTRICAL CONDUIT AND TWO ADDITIONAL SPARE EXIT SEALS. SUBMIT PRODUCT DATA FOR REVIEW PRIOR TO INSTALLATION. COORDINATE CUTTING OF ROOF WITH G.C.
11. ROUTE CONDENSATE PIPING TO UNITS MECHANICAL CLOSET AND TERMINATE AT FLOOR DRAIN. ROUTE PIPING AS HIGH AS POSSIBLE AND CONCEALED ABOVE CEILINGS AND SOFFITS. WHERE DRAINING BY GRAVITY IS NOT POSSIBLE DO TO STRUCTURE, PROVIDE INDOOR UNIT WITH MANUFACTURER'S ACCESSORY CONDENSATE PUMP.
12. ROUTE ERV EXHAUST AND INTAKE DUCT UP FROM FIRST FLOOR CONCEALED IN FIRE RATED CHASE/SOFFIT.
13. ROUTE 8"Ø EXHAUST DUCT UP TO ROOF ABOVE, SEE M1.3 FOR CONTINUATION.
14. ROUTE CONDENSATE TO FLOOR DRAIN IN MECHANICAL ROOM, TERMINATE ABOVE FLOOR DRAIN WITH ELBOW DOWN.
15. ROUTE CONDENSATE CONCEALED IN WALL DOWN TO BASEMENT, TERMINATE ABOVE SUMP PIT WITH ELBOW DOWN. COORDINATE WITH G.C.

GENERAL MECHANICAL NOTES

1. MOUNT ALL DUCT AS HIGH AS POSSIBLE BELOW STRUCTURE AND WHERE REQUIRED TO OFFSET, KEEP AS TIGHT AND HIGH AS POSSIBLE.
2. PROVIDE SHOP DRAWINGS SHOWING EXACT ROUTING OF REFRIGERANT PIPING FOR REVIEW BY ARCHITECT AND ENGINEER.
3. INSTALL REFRIGERANT PIPING IN ACCORDANCE WITH ALL PROVISIONS OF ASHRAE 15 INCLUDING LASTEST ADDENDA.
4. PROTECT PIPING PER ASHRAE 15 SECTION 9.12.
5. PRESSURE TEST PIPING PER ASHRAE 15 SECTION 9.13.
6. DUCTWORK CONSTRUCTION SHALL COMPLY WITH 2021 IECC.



1 HVAC FLOOR PLAN-SECOND FLOOR PLAN

3/16" = 1'-0"

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SHEET NO.:

M1.2

MINI-SPLIT HEAT PUMP INDOOR UNIT SCHEDULE

NOTES:

1. INDOOR UNITS ARE POWERED FROM OUTDOOR UNIT. PROVIDE ALL REQUIRED INTERCONNECTED CABLING PER MANUFACTURER'S INSTRUCTIONS.
2. WHERE POSSIBLE, CONCEAL REFRIGERANT PIPING, CONDENSATE PIPING AND ELECTRICAL IN WALLS AND ABOVE CEILING. WHEN NOT POSSIBLE, UTILIZE LNE-HIDE KIT TO CONCEAL REFRIGERANT PIPING...
3. PROVIDE UNIT WITH MANUFACTURER'S ACCESSORY CONDENSATE PUMP WHERE DRAINING BY GRAVITY IS NOT POSSIBLE, SEE PLANS FOR MORE INFORMATION.

Tag Reference	Model	Type	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	Cooling Total Capacity (BTU/h)	Cooling Sensible Capacity (BTU/h)	Heating Capacity (BTU/h)	Voltage / Phase	Electrical MCA/MFS	Notes
IU-1A	MLZ-KX09NL	Ceiling Cassette (One-Way)	8,520	8,580	6,356.7	5,802.6	7,247.0	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-1B	MLZ-KX09NL	Ceiling Cassette (One-Way)	8,520	8,580	6,356.7	5,802.6	7,247.0	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-1C	MLZ-KX12NL	Ceiling Cassette (One-Way)	11,360	11,440	8,475.6	6,879.3	9,662.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-2A	MLZ-KX09NL	Ceiling Cassette (One-Way)	7,100	7,150	5,297.3	5,297.3	6,039.1	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-2B	MLZ-KX09NL	Ceiling Cassette (One-Way)	7,100	7,150	5,297.3	5,297.3	6,039.1	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-2C	MLZ-KX18NL	Ceiling Cassette (One-Way)	14,200	14,300	10,594.5	8,837.9	12,078.3	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-3A	MFZ-KX18NL	Floor-Standing Type (Exposed)	14,400	14,400	10,743.7	9,212.9	12,162.7	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-3B	MFZ-KX24NL	Floor-Standing Type (Exposed)	9,600	9,600	7,162.5	7,162.5	8,108.5	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-4A	PKA-AK30NL	Wall Mounted	30,000	34,000	22,314.0	15,374.0	17,227.0	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-4B	---	Removed From Project	---	---	---	---	---	---	---	---
IU-5A	MFZ-KX12NL	Floor-Standing Type (Exposed)	12,000	14,670	8,953.1	8,246.1	12,390.9	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-5B	MLZ-KX06NL	Ceiling Cassette (One-Way)	6,000	7,330	4,476.6	4,047.6	6,191.2	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-6A	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-6B	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-8A	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-8B	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	9,214.9	8,279.8	10,264.3	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-9A	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-9B	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	9,214.9	8,279.8	10,264.3	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-10A	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-10B	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	9,214.9	8,279.8	10,264.3	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-11A	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-11B	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	9,214.9	8,279.8	10,264.3	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-12A	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-12B	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	9,214.9	8,279.8	10,264.3	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-13A	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-13B	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	9,214.9	8,279.8	10,264.3	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-14A	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	8,953.1	8,175.2	10,135.6	208/230V/1-phase	Powered by Outdoor	1,2,3
IU-14B	MLZ-KX18NL	Ceiling Cassette (One-Way)	12,000	12,000	9,214.9	8,279.8	10,264.3	208/230V/1-phase	Powered by Outdoor	1,2,3

1

MINI-SPLIT HEAT PUMP OUTDOOR UNIT SCHEDULE

NOTES:

1. PROVIDE REFRIGERANT PIPING SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR ACTUAL FIELD INSTALLED LENGTH AND ROUTING.
2. INSTALL REFRIGERANT PIPING IN ACCORDANCE TO ASHRAE STANDARD 15.
3. PROVIDE WITH R454B REFRIGERANT.
4. PROVIDE WITH HAIL GUARDS.

Tag Reference	Model Number	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	EER2 [SEER2]	Heating COP @ 47°F [HSPF]	Design Cooling Outdoor Temp DB (°F)	Design Heating Outdoor Temp WB (°F)	Corrected Cooling Total Capacity (BTU/h)	Corrected Heating Capacity (BTU/h)	Electrical-Per Module		
										208V		
										Voltage / Phase	MCA	RFS
OU-1	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	21,189.0	24,156.6	208/230V / 1-phase	38	35
OU-2	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	21,189.0	24,156.6	208/230V / 1-phase	38	35
OU-3	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	17,906.2	20,271.2	208/230V / 1-phase	38	35
OU-4	PUZ-AH30NL	30,000	34,000	10.1 [19.7]	3.5 [9.2]	101.0	15.0	22,314.0	17,227.0	208/230V / 1-phase	22	25
OU-5	MXZ-2D26NLHZ	18,000	22,000	13.5 [19.3]	4 [10]	101.0	15.0	13,425.7	16,582.1	208/230V / 1-phase	22	20
OU-6	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	17,906.2	20,271.2	208/230V / 1-phase	38	35
OU-8	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	18,168.0	20,400.0	208/230V / 1-phase	38	35
OU-9	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	18,168.0	20,400.0	208/230V / 1-phase	38	35
OU-10	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	18,168.0	20,400.0	208/230V / 1-phase	38	35
OU-11	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	18,168.0	20,400.0	208/230V / 1-phase	38	35
OU-12	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	18,168.0	20,400.0	208/230V / 1-phase	38	35
OU-13	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	18,168.0	20,400.0	208/230V / 1-phase	38	35
OU-14	MXZ-3D30NLHZ	28,400	28,600	11.5 [20]	3.5 [10]	101.0	15.0	18,168.0	20,400.0	208/230V / 1-phase	38	35

1

EXHAUST FAN SCHEDULE

NOTES:

1. PROVIDE MANUFACTURER'S ROOF JACK.
2. FIXTURE SHALL OPERATE AT < 1 SONE.
3. PROVIDE EC MOTOR WITH INTEGRAL DISCONNECT.
4. PROVIDE INTEGRAL BACKDRAFT DAMPER.

Mark	Manufacturer	Model	CFM	ESP	Power	Electrical		Notes
						Voltage	Phase	
EF-1	PANASONIC	FV-0511VQ1	50 CFM	0.25 in-wg	22 W	120 V	1	

GRILLES, REGISTERS, & DIFFUSERS SCHEDULE

GENERAL NOTES:

1. PROVIDE MOUNTING FRAME AS REQUIRED FOR CEILING TYPE.
2. MAXIMUM NC SHALL BE 25.
3. RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS NECK, U.N.O.
4. PAINT OBJECTS VISIBLE THROUGH GRILLES WITH FLAT BLACK PAINT.
5. COORDINAT LOCATIONS OF ALL WALL DEVICES WITH ARCHITECT.

MARK	MANUFACTURER	MODEL	APPLICATION				MOUNTING	DAMPER	DESCRIPTION	NOTES
			SUPPLY	RETURN	EXAUST	TRANSFER				
EG-A	TITUS	350RL			■		Surface Mount	No	STEEL LOUVERED EXHAUST GRILLE, SIZE AS INDICATED ON DRAWINGS.	
RG-A	TITUS	350RL		■			Surface Mount	No	STEEL LOUVERED RETURN GRILLE, SIZE AS INDICATED ON DRAWINGS.	
SD-A	TITUS	300R	■				Surface Mount	<varies>	STEEL DOUBLE DEFLECTION SUPPLY GRILLE WITH FRONT BLADES PARALLEL TO LONG DIMENSION, SIZE AS INDICATED ON DRAWINGS.	
TG-A	TITUS	350RL				■	Surface Mount	No	STEEL LOUVERED TRANSFER GRILLE, SIZE AS INDICATED ON DRAWINGS.	

BLOWER COIL SCHEDULE

NOTES:

1. Single point connection required, coordinate the exact electrical requirements of equipment provided with E.C.
2. Electric heater shall not operate simultaneously with heat pump. Electric heater shall be used as back-up heat only.
3. Provide 7-day programmable thermostat compatible with requirements of 2021 IECC.
4. Provide 2 sets of MERV-8 filters.

MARK	MANUFACTURER	MODEL	FAN		ELECTRIC HEAT		ELECTRICAL				
			AIRFLOW	ESP	CIRCUIT	CIRCUIT 2	VOLTAGE	PHASE	MCA	MCA 2	MOCP	MOCP 2
BC-1	TRANE	5TEM4B02AC21	600 CFM	0.50 in-wg	5.8 kW		208 V	1	39.0 A		40.0 A	
BC-2	TRANE	5TEM4B03AC31	800 CFM	0.50 in-wg	5.8 kW		208 V	1	39.0 A		40.0 A	
BC-3	TRANE	5TEM4D04AC31	1,000 CFM	0.50 in-wg	7.2 kW		208 V	1	48.0 A		50.0 A	
BC-4	TRANE	5TEM4D07AC51	1,575 CFM	0.50 in-wg	7.2 kW	3.6 kW	208 V	1	52.0 A	22.0 A	60.0 A	25.0 A

HEAT PUMP SCHEDULE

NOTES:

1. REFRIGERANT LINES SHALL BE FIELD FABRICATED. COORDINATE LINE SIZING REQUIREMENTS WITH EQUIPMENT MANUFACTURER FOR LENGTH.
2. PROVIDE WITH R454B REFRIGERANT.
3. INSTALL REFRIGERANT PIPING IN ACCORDANCE TO ASHRAE STANDARD 15.

MARK	MANUFACTURER	MODEL	NOMINAL CAPACITY	COOLING						HEATING				ELECTRICAL			
				EDB	EDB	EWB	NET SENSIBLE	NET TOTAL	SEER2	OA EDB	EDB	NET TOTAL	HSPF2	PHASE	MCA	MOCP	VOLTAGE
HP-1	TRANE	5TWR4018	1.5 ton	102 °F	76 °F	64 °F	12,052 Btu/h	16,701 Btu/h	14.3	47 °F	70 °F	18,300 Btu/h	7.5	1	12.0 A	20.0 A	208 V
HP-2	TRANE	5TWR4024	2.0 ton	102 °F	76 °F	64 °F	15,159 Btu/h	20,687 Btu/h	14.3	47 °F	70 °F	22,400 Btu/h	7.5	1	13.0 A	20.0 A	208 V
HP-3	TRANE	5TWR4030	2.5 ton	102 °F	76 °F	64 °F	18,201 Btu/h	24,368 Btu/h	14.3	47 °F	70 °F	25,600 Btu/h	7.5	1	16.0 A	25.0 A	208 V
HP-4	TRANE	5TWR4048	4.0 ton	102 °F	76 °F	64 °F	30,599 Btu/h	40,636 Btu/h	14.3	47 °F	70 °F	42,500 Btu/h	7.5	1	25.0 A	40.0 A	208 V

ENERGY RECOVERY VENTILATOR SCHEDULE

NOTES:

1. PROVIDE WITH SINGLE POINT ELECTRICAL CONNECTION WITH DISCONNECT SWITCH.
2. PROVIDE WITH EC MOTORS.
3. PROVIDE WITH MERV 8 SA AND EA FILTERS.
4. PROVIDE WITH INTERGRAL MOTORIZED DAMPERS.

MARK	MANUFACTURER	MODEL	SUPPLY AIRFLOW	SUPPLY ESP	EXHAUST AIRFLOW	EXHAUST ESP	ELECTRICAL			
							VOLTAGE	PHASE	MCA	MOCP
ERV-1	BROAN	BLP150E75NS-HWF	35 CFM	0.25 in-wg	30 CFM	0.25 in-wg	120 V	1	2.4 A	15.0 A
ERV-2	BROAN	BLP150E75NS-HWF	45 CFM	0.25 in-wg	40 CFM	0.25 in-wg	120 V	1	2.4 A	15.0 A
ERV-3	BROAN	BLP150E75NS-HWF	60 CFM	0.25 in-wg	55 CFM	0.25 in-wg	120 V	1	2.4 A	15.0 A
ERV-4	BROAN	BLP150E75NS-HWF	90 CFM	0.25 in-wg	80 CFM	0.25 in-wg	120 V	1	2.4 A	15.0 A
ERV-5	Panasonic	FV-06VE1	30 CFM	0.10 in-wg	30 CFM	0.10 in-wg	120 V	1	0.3 A	15.0 A
ERV-6	Panasonic	FV-06VE1	50 CFM	0.10 in-wg	50 CFM	0.10 in-wg	120 V	1	0.3 A	15.0 A
ERV-7	MITSUBISHI	TLGHF0300RVX02A	195 CFM	0.25 in-wg	175 CFM	0.25 in-wg	208 V	1	4.3 A	15.0 A
ERV-8	MITSUBISHI	TLGHF0300RVX02A	180 CFM	0.25 in-wg	165 CFM	0.25 in-wg	208 V	1	4.3 A	15.0 A
ERV-9	MITSUBISHI	TLGHF0300RVX02A	275 CFM	0.25 in-wg	250 CFM	0.25 in-wg	208 V	1	4.3 A	15.0 A

ELECTRIC CABINET HEATER SCHEDULE

Notes:

1. PROVIDE WITH HIGH TEMP. THERMAL CUTOUT AND FAN DELAY.
2. PROVIDE WITH INTEGRAL THERMOSTAT AND UNIT MOUNTED DISCONNECT SWITCH.
3. PROVIDE WITH SURFACE MOUNT OR RECESSED FRAME AS REQUIRED. FIELD COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS AND ARCH.
4. PROVIDE WITH MOUNTING BRACKET AS REQUIRED AND MOUNT AS HIGH AS POSSIBLE PER MANUFACTURER'S RECOMMENDATIONS.
5. PROVIDE WITH INTEGRAL DISCONNECT SWITCH.
6. PROVIDE WITH 24V THERMOSTAT.

Mark	Manufacturer	Model	Watts	Voltage	Phase	Description	Notes
EUH-1	TRANE	UHEC	5.0 kW	208 V	3	FAN FORCED UNIT HEATER	4,5,6
EUH-2	TRANE	UHEC	5.0 kW	208 V	3	FAN FORCED UNIT HEATER	4,5,6
EWH-1	TRANE	UHWA	1.5 kW	208 V	1	ARCHITECTURAL FAN FORCED WALL HEATER	1,2,3
EWH-2	TRANE	UHWA	1.5 kW	208 V	1	ARCHITECTURAL FAN FORCED WALL HEATER	1,2,3
EWH-3	TRANE	UHWA	1.5 kW	208 V	1	ARCHITECTURAL FAN FORCED WALL HEATER	1,2,3

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LANDMARK ON CYPRESS

HISTORIC REHABILITATION - APARTMENTS

ABILENE, TEXAS

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PROFESSIONAL ENGINEER
10-24-2025

REVISIONS:

1 04/21/2026 ASI #2

DATE: 10/24/2025

JOB: 24-3483

SHEET NO.:

M6.1