



Jones Gillam Renz Architects

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ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

JONES GILLAM RENZ DOCUMENT JGR 710

PROJECT:	The Residence at Green Meadow New Senior Development San Angelo, TX	Report No.	One (1)
OWNER:	Overland Property Group Dan Maximuk 234 N. Santa Fe Ave, Suite A Salina, KS 67401	Date	Dec. 18, 2024
CONTRACTOR:	MCP Group 3501 SW Fairlawn Rd. Topeka, KS 66614	Architect's Proj No.	24-3395
		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 C-3 Site Plan:
 - a. Fire hose lay with distance has been added.
 - b. Fire lane markings/stripping has been added.
- 2) Sheet C-4 Utility Plan:
 - a. Clarification: The FDC is shown. The FDC is located on the front of the building approximately 50' east of the southwest corner of the building.
 - b. Clarification: The line for the fire service is shown as 6". The fire hydrant is shown coming off this 6" line. The plan shows a separate tap for the 2" domestic service.
 - c. Clarification: The valve has been shown on the 6" fire service line. The 6" connection is shown as a tapping sleeve and valve.
 - d. A valve has been shown on the fire hydrant lead. The valve is also indicated on the detail for the fire hydrant installation
 - e. Water meter has been moved to inside the right of way.
- 3) Sheet C-9 Details - Pavement detail has been revised to reference the Texas Department of Transportation (in lieu of Missouri).
- 4) Sheet CFP – Address has been revised to 3824 Green Meadow Drive.
- 5) Sheet A2.1 – Assemblies: Code references have been revised to reflect the 2021 IBC designations & section call-outs.
- 6) Sheet A2.7 - Assemblies: Code references have been revised to reflect the 2021 IBC designations & section call-outs.
- 7) Sheet A3.1 – Address numbers and notes have been added to the front elevation.
- 8) Sheet A4.4 – Detail D notes have been revised to reflect the 2021 IBC designation.
- 9) Sheet A4.5 – Detail 10 notes have been revised to reflect the 2021 IBC designations & section call-outs.
- 10) Sheet A5.1 – revised note 1, and added note 8 (roof at elevator shaft). No XPS insulation needed at main roof. XPS insulation (6" min) required at roof above elevator shaft.
- 11) Sheet A6.2
 - a. Detail A - notes have been revised to reflect the 2021 IBC designations & section call-outs.
 - b. Detail B – revised roofing note. Roof construction shall be 60 mil. Roof membrane over ½" cover board over 6" min of XPS rigid insulation over roof sheathing.
- 12) Sheet A9.1 – Floor finish at Mech Closets 201 and 301 has been changed to VCT in lieu of sealed concrete.
- 13) Sheet A10.1
 - a. Window Schedule – notes 5 and 6 have been revised to reflect the 2021 IBC designations & section call-outs.
 - b. Public Interior Finish schedule - Floor finish at Mech Closets 201 and 301 has been changed to VCT in lieu of sealed concrete.
- 14) Sheet P9.1 – Sheet was added in Addendum #1, but was left out of the packet, so is included with this ASI.
- 15) Sheet E1.2 – Added power on roof for future radon fans.
- 16) Sheet E4.1 – Added smoke detectors in standard bedrooms (accessible smoke detectors are shown on E1.3 and E1.4)
- 17) Sheet E6.2 – Changed unit type description in dwelling unit feeder calculation

- 18) Sheet E6.3:
 - a. Added circuit for future radon fans
 - b. Added note for surge protection in panels P1, P2 and P3
 - c. Added spare and space descriptions in panels P1, P2 and P3
- 19) Specification Section 096500 – Resilient Flooring – Added section 2.02 for Vinyl Composition Tile
- 20) Specification Section 09680 – Carpet, Pad & Track. Specification section has been added to the set.
- 21) Energy Report – For record, the RES check portion of the Energy Report has been updated to reflect the change to R21 batt insulation (Addendum 2).

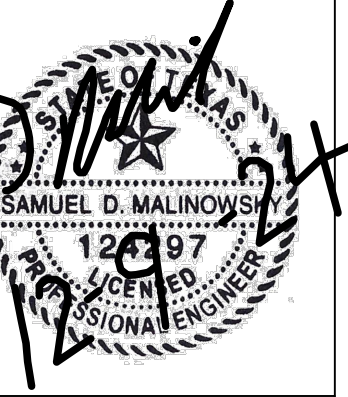
Attachments:

1. Revised Civil Sheets C-3, C-4, C-9
2. Revised Architectural sheets A5.1, A6.2, A9.1 and A10.1
3. Revised MEP Sheets: P9.1, E1.2, E4.1, E6.2 and E6.3
4. Specification Sections 096500 & 09680
5. Energy Report – RES check (updated)

Issued by: Jones Gillam Renz Architects PO Box 2928, Salina, KS 67402
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Copies to:

MCP Group – Eric Hubener
OPG – Dan Maximuk, Amanda Klaus, April Engstrom, Caroline Hurst
LST – Ryan Lies
Structural – Isaac Cundiff, Marcus Himmelberg
Civil – Sam Malinowsky



Revisions
11-21-24 ADDENDUM 1
11-26-24 CITY COMMENTS
12-9-24 CITY COMMENTS

RESIDENCE AT
GREEN MEADOW

3824 GREEN MEADOW DRIVE,
SAN ANGELO, TEXAS 76904

sheet

C-3

Civil
SITE PLAN

permit
30 OCTOBER 2024

CONSTRUCTION NOTES:

- COORDINATE START-UP AND ALL CONSTRUCTION ACTIVITIES WITH OWNER.
- CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE STANDARD SPECIFICATIONS.
- ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
- PUBLIC CONVENIENCE AND SAFETY: THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC, AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA.
- ALL DIMENSIONS SHOWN ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- ACCESSIBLE STALLS SHOWN WITH A "VAN" SHALL BE 16'-0" MIN. AND SHALL HAVE A SIGN DESIGNATING "VAN-ACCESSIBLE". SEE DETAIL.
- ALL TRAFFIC CONTROL DEVICES, INSTALLATION AND OPERATIONS SHALL CONFORM WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

NOTE:

- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE, SLOPED PAVING, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACTOR DOCUMENTS.
- ALL DIMENSIONS ARE TO BACK OF CURB UNLESS NOTED OTHERWISE
- ALL DIMENSIONS ARE PERPENDICULAR TO PROPERTY LINE.
- ACTUAL SIGN LOCATIONS TO BE COORDINATED WITH CONSTRUCTION MANAGER.
- SEE ELECTRICAL PLAN FOR LOCATION OF PARKING LOT LIGHTS.

NOTES

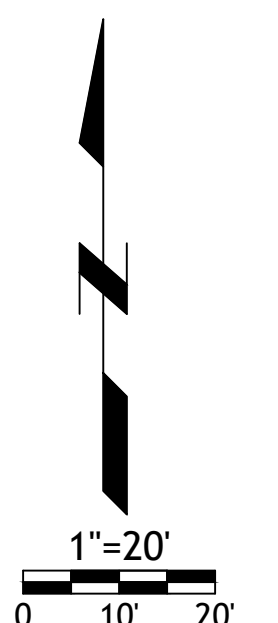
THIS SITE PLAN MATERIALLY ADHERES TO ALL APPLICABLE ZONING, SITE DEVELOPMENT AND BUILDING CODE ORDINANCES

ALL PARKING MEETS LOCAL REQUIREMENTS

PARKING REQUIRED:
15 1BR x 1.5 = 22.5
15 2BR x 1.75 = 26.25
TOTAL REQUIRED = 49

PARKING PROVIDED = 51

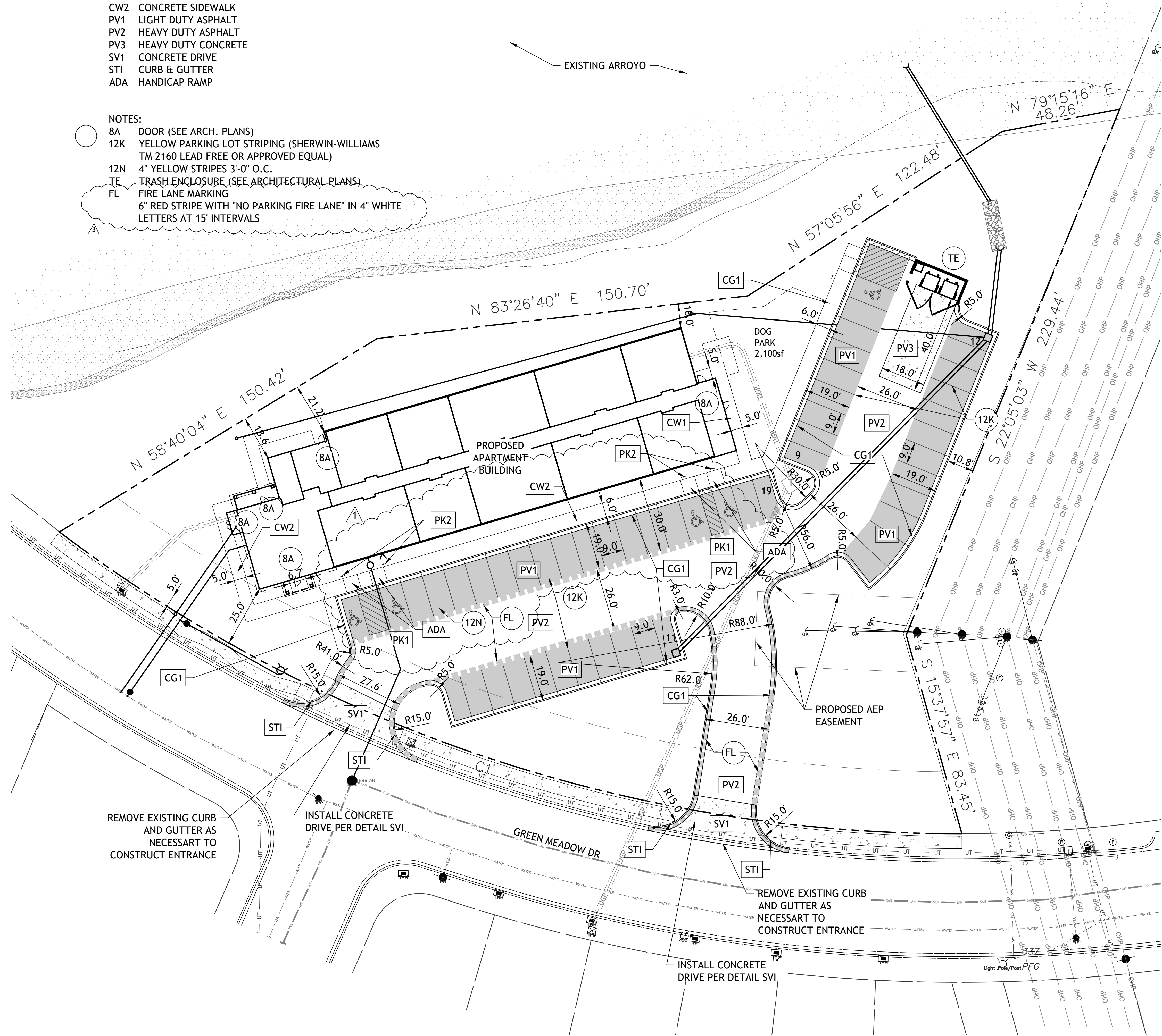
SETBACKS
FRONT = 25'
WEST SIDE NEXT TO ARROYO = 0
EAST SIDE NEXT TO AEP TRANSMISSION LINE = 10'



CURVE TABLE				
CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	DELTA ANGLE
C1	600.00'	391.45'	384.54'	N 71°30'00" W 37°22'49"

- SEE DETAIL SHEET FOR THE FOLLOWING DETAILS:
- PK-1 96" ACCESSIBLE & VAN ACCESSIBLE SPACE STRIPING
 - PK-2 ACCESSIBLE SIGN
 - CG-1 TYPE B CURB AND GUTTER
 - CW1 CURB WALK AT BUILDING
 - CW2 CONCRETE SIDEWALK
 - PV1 LIGHT DUTY ASPHALT
 - PV2 HEAVY DUTY ASPHALT
 - PV3 HEAVY DUTY CONCRETE
 - SV1 CONCRETE DRIVE
 - ST1 CURB & GUTTER
 - ADA HANDICAP RAMP

- NOTES:
- 8A DOOR (SEE ARCH. PLANS)
 - 12K YELLOW PARKING LOT STRIPING (SHERWIN-WILLIAMS TM 2160 LEAD FREE OR APPROVED EQUAL)
 - 12N 4" YELLOW STRIPES 3'-0" O.C.
 - TE TRASH ENCLOSURE (SEE ARCHITECTURAL PLANS)
 - FL FIRE LANE MARKING
 - 6" RED STRIPE WITH "NO PARKING FIRE LANE" IN 4" WHITE LETTERS AT 15' INTERVALS



REMOVE EXISTING CURB AND GUTTER AS NECESSARY TO CONSTRUCT ENTRANCE

INSTALL CONCRETE DRIVE PER DETAIL SV1

REMOVE EXISTING CURB AND GUTTER AS NECESSARY TO CONSTRUCT ENTRANCE

INSTALL CONCRETE DRIVE PER DETAIL SV1

PROPOSED AEP EASEMENT

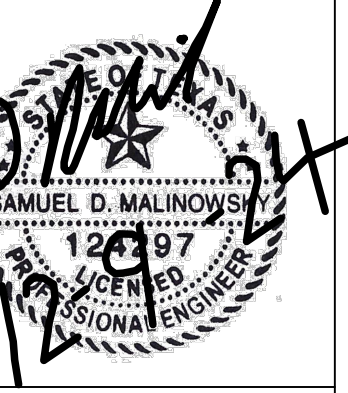
DOG PARK
2,100sf

PROPOSED APARTMENT BUILDING

EXISTING ARROYO

Light Pole/Post PFG

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Revisions
11-21-24 ADDENDUM 1
11-26-24 CITY COMMENTS
12-9-24 CITY COMMENTS

UTILITY NOTES:

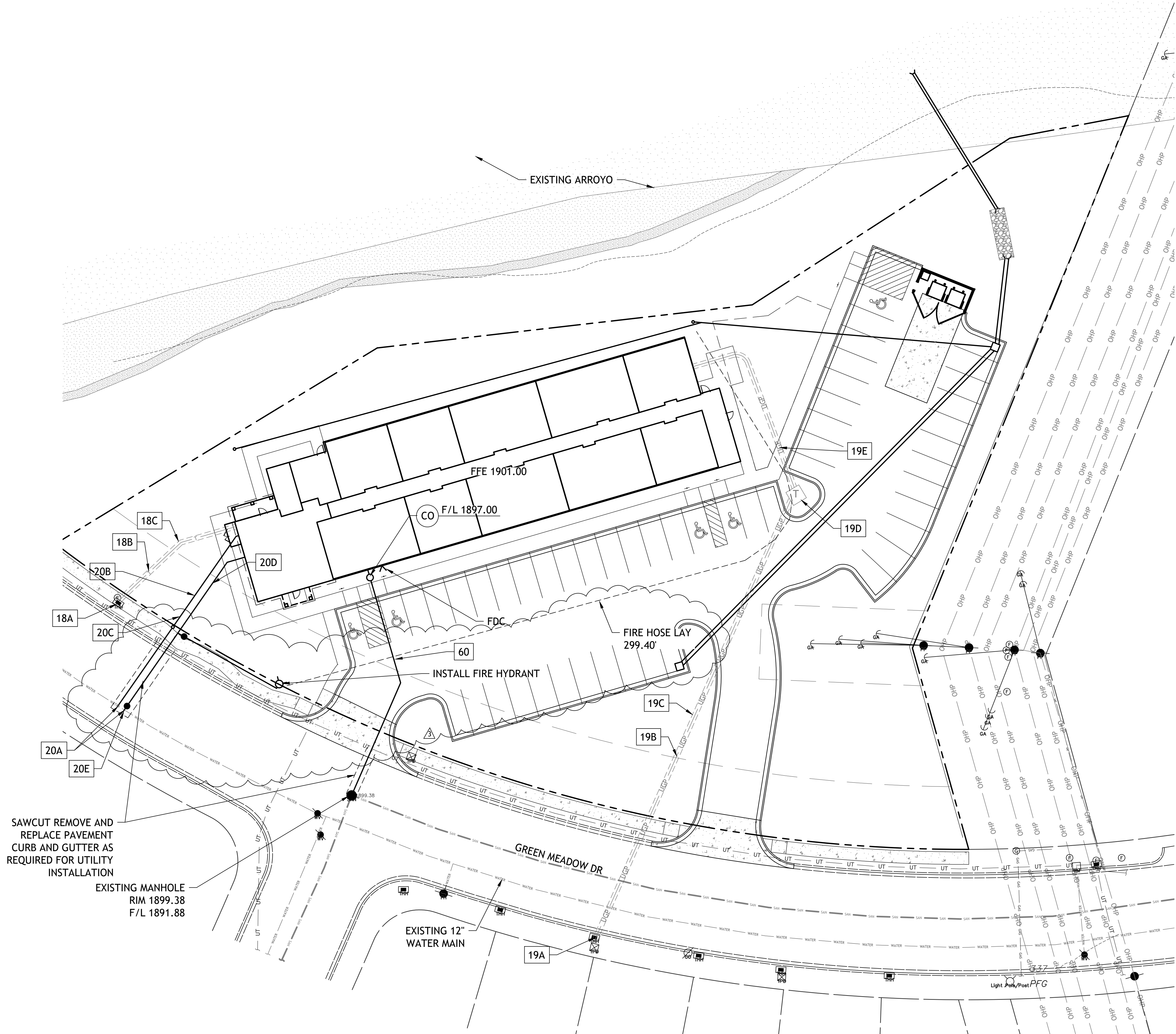
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC WATER OR SANITARY SEWER SYSTEM UNTIL WRITTEN APPROVAL OR PERMITS HAVE BEEN RECEIVED FROM THE ENGINEER.
- ALL UTILITY AND STORM SEWER TRENCHES CONSTRUCTED UNDER AREAS THAT RECEIVE PAVING SHALL BE BACKFILLED TO 18 INCHES ABOVE THE TOP OF THE PIPE WITH SELECT GRANULAR MATERIAL PLACED ON EIGHT-INCH LIFTS, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCE OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. SM ENGINEERING AND OWNER ARE TO BE HELD HARMLESS.
- DISINFECTION AND PRESSURE TESTING OF WATER LINES SHALL BE PERFORMED PER SECTION 820 OF THE CITY OF KERRVILLE CONSTRUCTION STANDARDS. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT AND SUPPLIES REQUIRED FOR TESTING.
- ALL WATER AND SANITARY SEWER SYSTEMS THAT ARE TO BE PUBLIC LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS PREVIOUSLY APPROVED BY THE CITY OF SAN ANGELO AND THE STATE OF TEXAS AND SHALL BE INSPECTED BY THE CITY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THIS INSPECTION OCCURS.
- LOCATIONS SHOWN FOR PROPOSED WATER LINES ARE APPROXIMATE. VARIATIONS MAY BE MADE, WITH APPROVAL OF THE ENGINEER, TO AVOID CONFLICTS.
- CONTRACTOR TO INSTALL TRACING TAPE ALONG ALL NON-METALLIC WATER MAINS AND SERVICE LINES PER SPECIFICATIONS.
- CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICT AND POINTS OF CONNECTION PRIOR TO ANY CONSTRUCTION OF NEW UTILITIES.
- WATER LINES SHALL HAVE A MINIMUM COVER OF 36 INCHES AND A MAXIMUM COVER OF 60". ALL VALVES ON MAINS AND FIRE HYDRANT LEADS SHALL BE WITH VALVE BOX ASSEMBLIES. THE SIZE OF VALVE BOX ASSEMBLY TO BE INSTALLED IS DETERMINED BY THE TYPE AND SIZE OF VALVE. VALVE BOX CAPS SHALL HAVE THE WORD "WATER".
- A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN PARALLEL WATER AND SANITARY SEWER LINES. WHEN IT IS NECESSARY FOR ANY WATER LINE TO CROSS A SANITARY SEWER LINE, THE SEWER LINE SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE AT LEAST 10 FEET EITHER SIDE OF THE WATER LINE UNLESS THE WATER LINE IS AT LEAST 2 FEET CLEAR DISTANCE ABOVE THE SANITARY SEWER LINE.
- CONTRACTOR TO PROVIDE 10 GAUGE TRACER WIRE AND TRACER WIRE STATIONS. TRACER WIRE SHALL BE PLACED BELOW PIPE EMBEDMENT. SPLICES ARE TO BE CONNECTED WITH "COPPERHEAD SNAKEBITE LOCKING CONNECTORS" OR CITY APPROVED EQUAL.

DETAILS

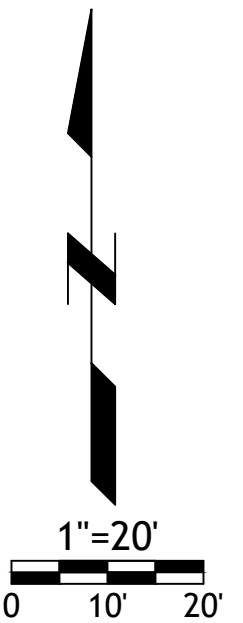
- MS1 TRENCH AND BEDDING DETAILS
- SS2 2-WAY CLEAN-OUT
- FH FIRE HYDRANT (WITHOUT BOLLARDS)
- CO CLEANOUT
- GI GREASE INTERCEPTOR (1,500 GAL)

NOTES

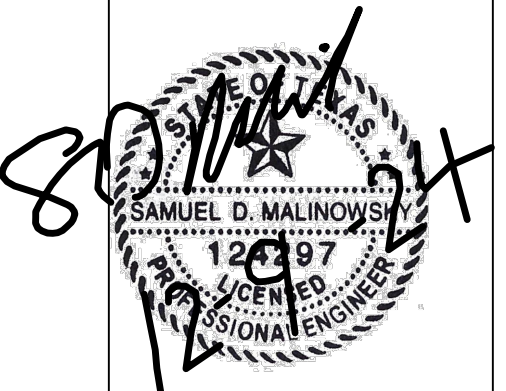
- 17A POINT OF CONNECTION - GAS SERVICE
- 17B GAS SERVICE (BY GAS COMPANY)
- 17C GAS METER
- 18A POINT OF CONNECTION - TELEPHONE SERVICE - COORDINATE WITH TELEPHONE COMPANY
- 18B UNDERGROUND TELEPHONE SERVICE PER LOCAL TELEPHONE COMPANY
- 18C 2-2" CONDUITS INSTALLED BY CONTRACTOR - TELEPHONE SERVICE
- 19A POINT OF CONNECTION - ELECTRICAL SERVICE
- 19C ELECTRICAL SERVICE PER AEP TEXAS
- 19D TRANSFORMER PAD
- 19E CONDUIT FOR ELECTRICAL SERVICE VERIFY WITH MEP PLANS
- 20A POINT OF CONNECTION - WATER SERVICE
- 20B 2" TAP AND METER WITH 2" SERVICE LINE
- 20C 2" METER
- 20D 6" FIRE LINE C-900, DR-14
- 20E 12" TAPPING SLEEVE WITH 6" TAP AND 6" VALVE
- 60 6" SANITARY SEWER SERVICE LINE SDR-26 PVC, CONNECTION TO EXISTING SEWER STUB



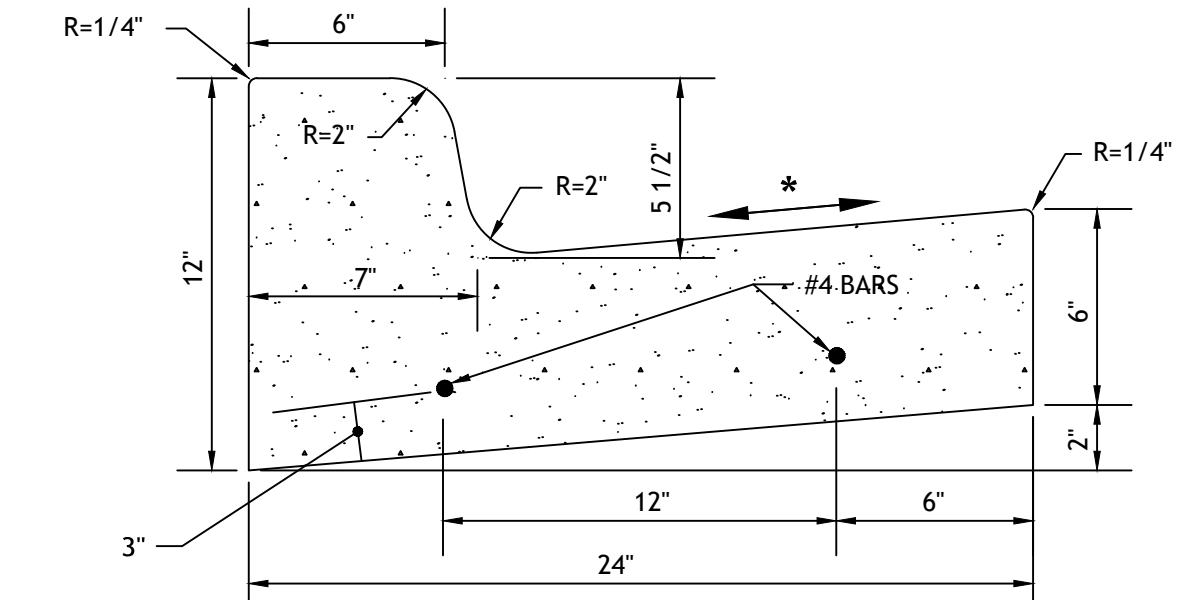
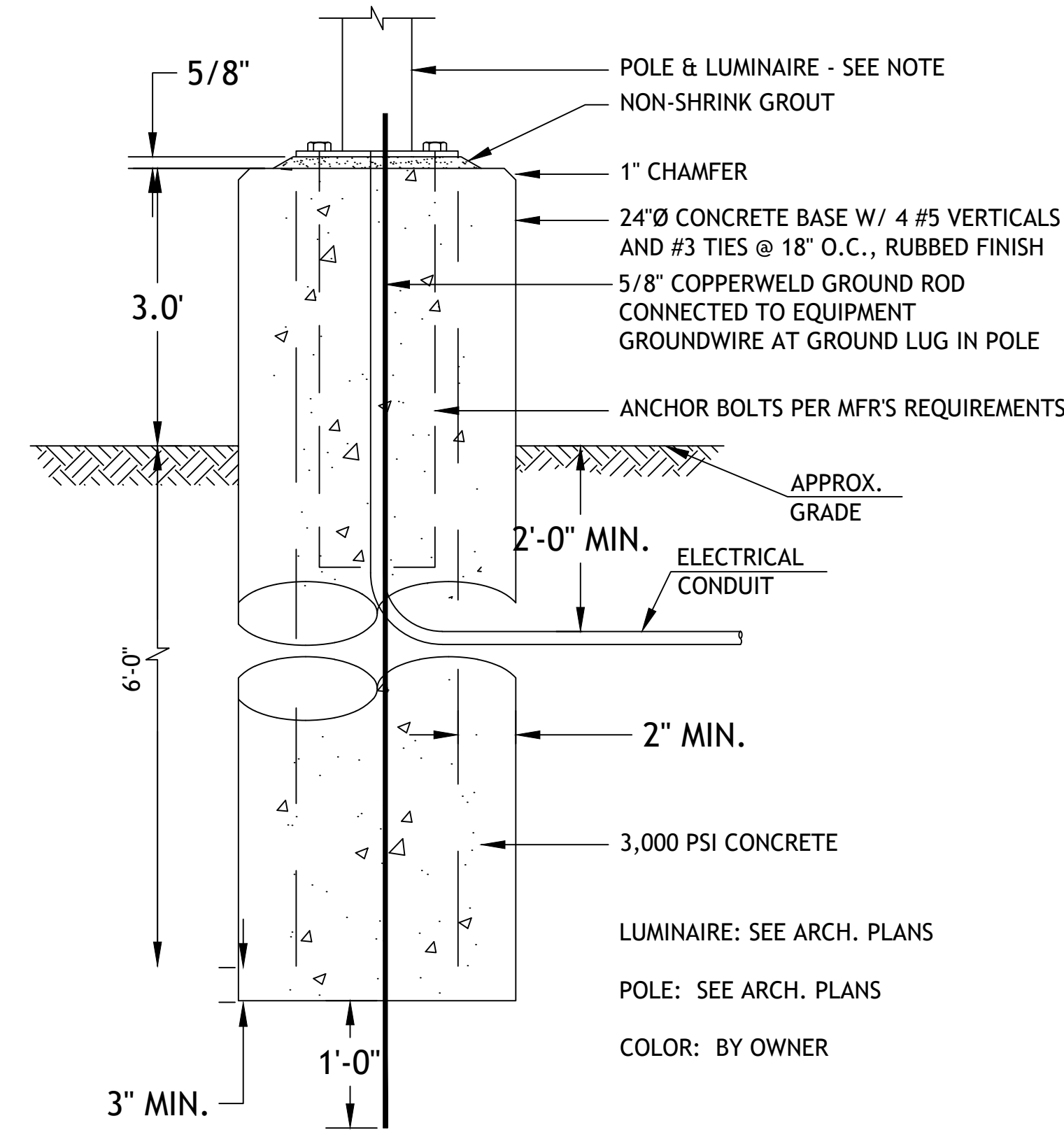
RESIDENCE AT
GREEN MEADOW
3824 GREEN MEADOW DRIVE,
SAN ANGELO, TEXAS 76904



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Revisions
11-21-24 ADDENDUM 1
11-26-24 CITY COMMENTS
12-9-24 CITY COMMENTS

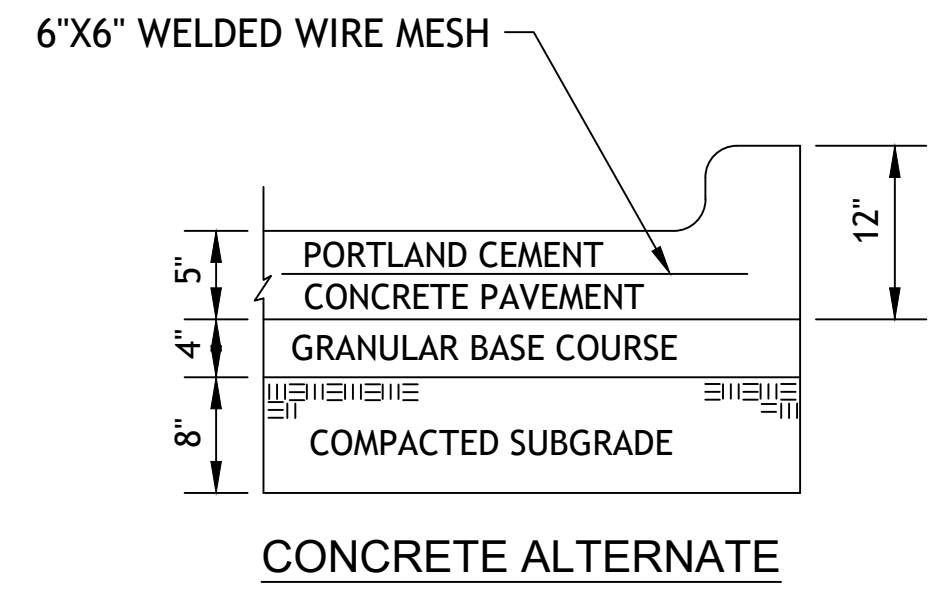
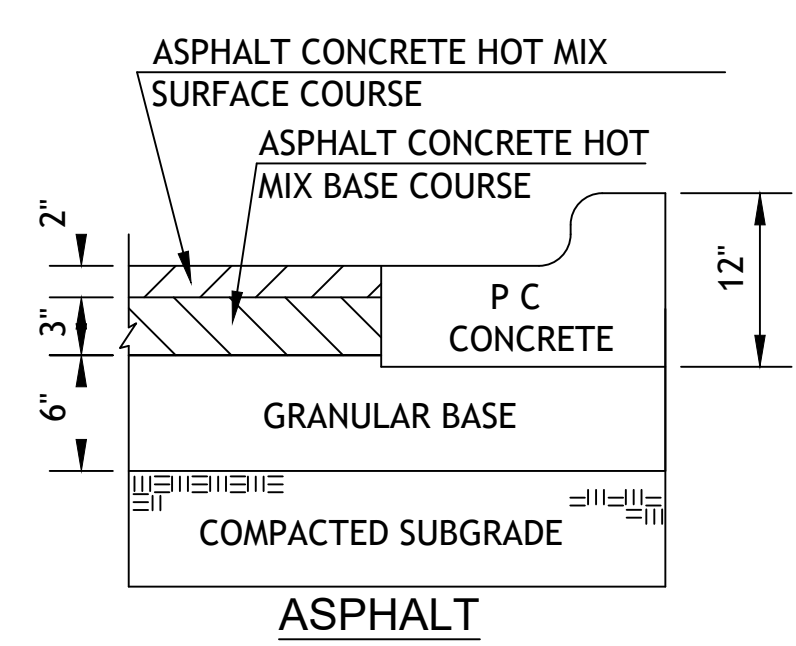


NOTE: 1. EXPANSION, CONTRACTION, OR CONSTRUCTION JOINTS ARE TO BE SAME AS NOTED ON TYPE "A" CURB AND GUTTER DETAIL.
2. REBAR IS NOT REQUIRED FOR CURB CONSTRUCTION ON A MINIMUM OF 3" ASPHALT.

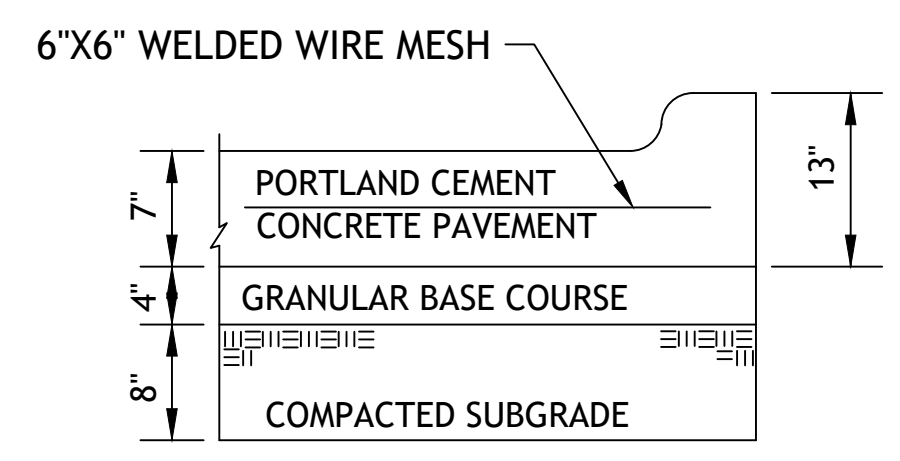
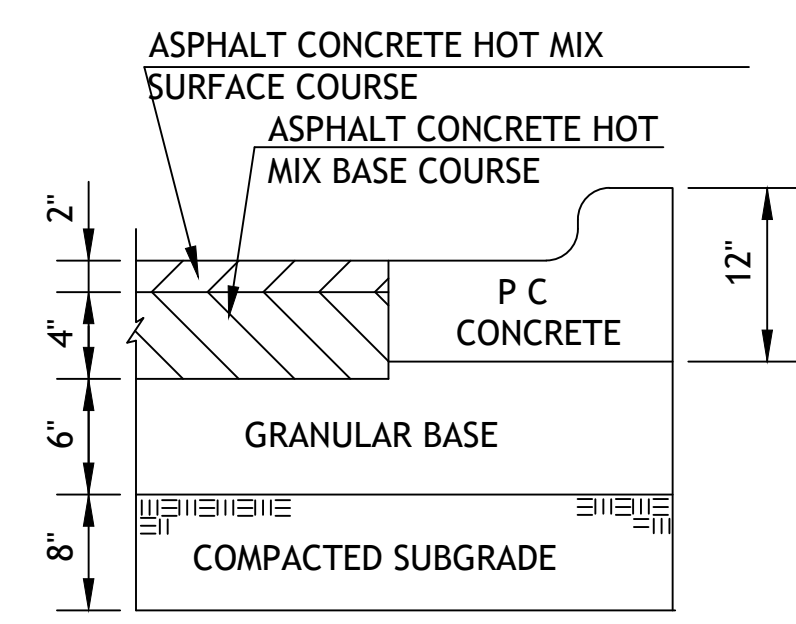
CG-1 CURB AND GUTTER

* ADJUST TILT OF GUTTER TO MAINTAIN POSITIVE FLOW

LIGHT POLE BASE LP



REGULAR DUTY PAVING PV1



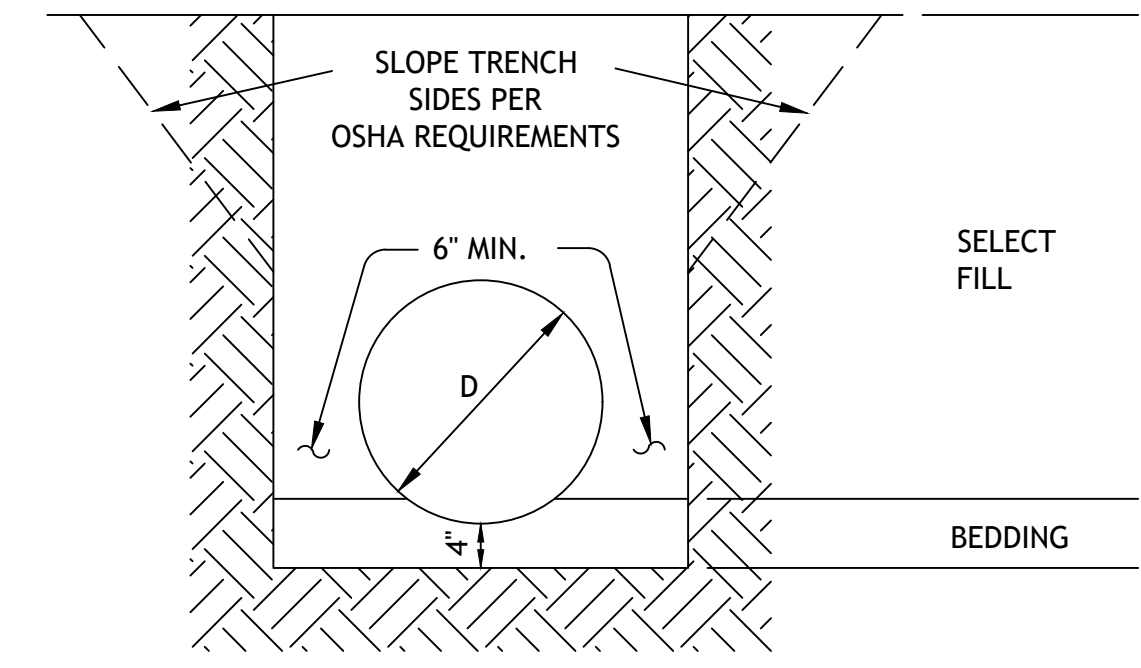
HEAVY DUTY ASPHALT PV2 HEAVY DUTY CONCRETE PV3

1. FLEXIBLE PAVEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

ASPHALT SURFACE COURSE - APWA TYPE 3-01
ASPHALT BASE COURSE - APWA TYPE 1-01
AGG BASE-MODOT TYPE 5

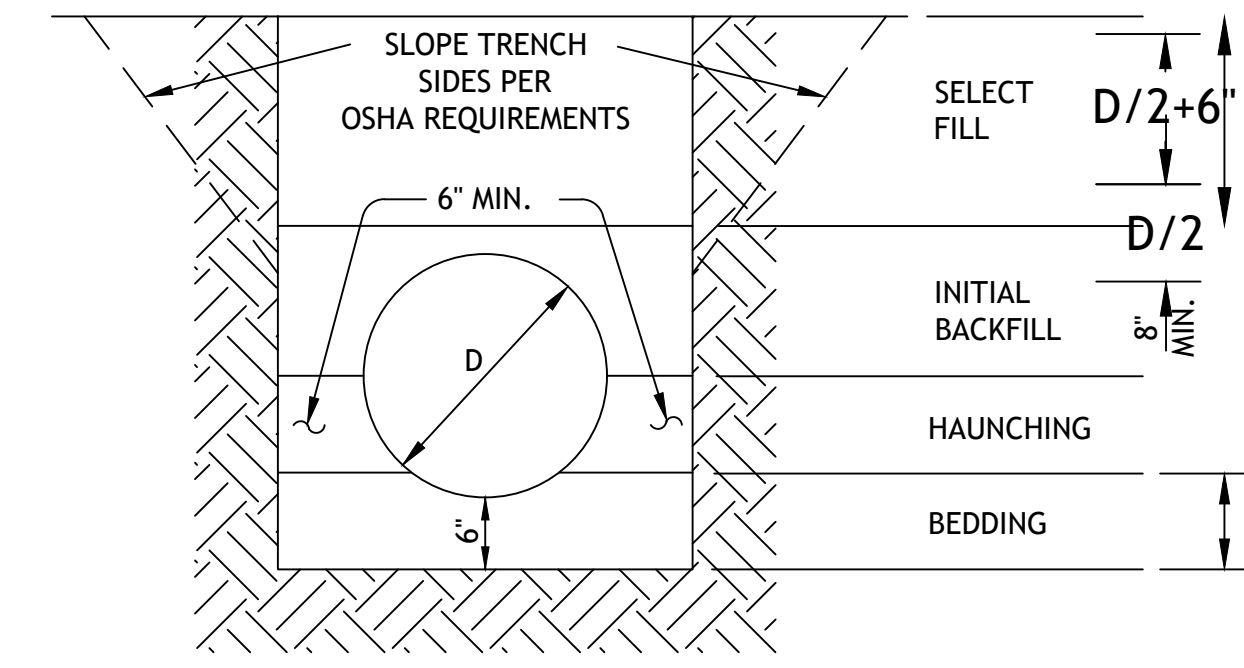
2. PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS WITH 6% ENTRAINED AIR ±2% AND SHALL MEET OR EXCEED THE SPECIFICATIONS SET FORTH IN THE LATEST EDITION OF THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

3. HEAVY DUTY CONCRETE IS AN OPTIONAL PAVEMENT FOR DETAIL 041 HEAVY DUTY ASPHALT. WHEN PLANS SPECIFY DETAIL 042 NO ALTERNATES ARE ALLOWED.



RIGID PIPE: INCLUDES REINFORCED CONCRETE, DUCTILE IRON, & CAST IRON

- BEDDING SHALL BE COMPACTED SAND AND SHALL BE SHAPED TO THE BOTTOM OF THE PIPE.
- SELECT FILL SHALL BE NATIVE MATERIAL FREE OF LARGE ROCKS, DEBRIS, AND ORGANICS (3"+) AND SHALL BE PLACED IN 8" MAX. LOOSE LIFTS AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.



FLEXIBLE PIPE: INCLUDES CORRUGATED METAL PIPE, CORRUGATED POLYETHYLENE PIPE AND/OR POLYVINYL CHLORIDE PIPE.

- BEDDING AND HAUNCHING MATERIAL SHALL BE COMPACTED SAND, UNLESS NOTED OTHERWISE ON PLANS AND SHALL BE SHAPED TO THE BOTTOM OF THE PIPE.
- INITIAL BACKFILL MATERIAL SHALL BE GRANULAR MATERIAL OR SELECT MATERIAL (INCLUDING SAND) COMPACTED IN ACCORDANCE TO SPECIFICATIONS.
- SELECT FILL PLACEMENT AND COMPACTION SAME AS FOR RIGID PIPE.

TRENCH AND BEDDING DETAILS

RESIDENCE AT GREEN MEADOW

3824 GREEN MEADOW DRIVE,
SAN ANGELO, TEXAS 76904



REVISION:

12-18-2024
DATE: 11-22-2024
JOB: 24-3395
SHEET NO.:

PROJECT INFORMATION

TYPE OF CONSTRUCTION: NEW SENIOR LIVING UNITS
 FACILITY NAME: THE RESIDENCE AT GREEN MEADOW
 FACILITY ADDRESS: 3824 GREEN MEADOW DR, SAN ANGELO, TX

OWNER NAME: OPG GREEN MEADOW PARTNERS, LLC
 OWNER ADDRESS: 227 N SANTA FE, STE 310, SALINA, KS 67401
 PH: 913-396-6310
 FAX: 913-396-6312

REASON FOR SUBMITTAL: NEW CONSTRUCTION
 COUNTY: SAN ANGELO
 FIRE DEPARTMENT: SAN ANGELO
 WATER SUPPLY: SAN ANGELO
 BUILDING INSPECTION DEPT: SAN ANGELO
 AUTHORITY HAVING JURISDICTION: SAN ANGELO

ARCHITECT: JONES GILLAM RENZ ARCHITECTS, INC.
 730 N. NINTH ST., SALINA, KS 67401
 PH: 785-827-0386
 FAX: 785-827-0392

CODES/REGULATIONS: 2021 INTERNATIONAL BUILDING CODE
 2021 INTERNATIONAL MECHANICAL CODE
 2021 INTERNATIONAL PLUMBING CODE
 2020 NATIONAL ELECTRICAL CODE
 2021 INTERNATIONAL FIRE CODE
 2021 INTERNATIONAL ENERGY CONSERVATION CODE
 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
 2017 ICC A117.1 ACCESSIBLE & USABLE BUILDINGS and FACILITIES
 FAIR HOUSING ACT DESIGN MANUAL

LEGEND

DESIGNATED EMERGENCY EXIT: 68"/24"4" (← EXIT WIDTH (ACTUAL/REQUIRED))
 122/340 (← OCCUPANT LOAD (ACTUAL/ALLOWED))

1 HOUR CONSTRUCTION (LD BRG WALLS)
 1/2 HOUR FIRE PARTITION: CORRIDOR (PER IBC TABLE 1018.1)
 W/ 20 MIN OPENINGS (PER IBC TABLE 716.5)

1 HOUR FIRE PARTITION: BETWEEN DWELLING, SLEEPING UNITS
 W/ 45 MIN OPENINGS (PER IBC 709.3 & 715.4)

1 HOUR CONSTRUCTION: EXIT ENCLOSURE, SHAFT WALLS,
 W/ 60 MIN OPENINGS (PER IBC TABLE 716.5)

EXIT LIGHT
 EMERGENCY LIGHT
 EXIT/EMERGENCY LIGHT
 FIRE EXTINGUISHER
 FIRE HYDRANT
 FIRE ALARM REMOTE ANNUNCIATOR PANEL
 FIRE ALARM CONTROL PANEL

OCCUPANCY GROUP (AU - ACCESSORY USE)	A-1
OCCUPANCY USE	ASSEMBLY HALL
ROOM SQUARE FOOTAGE/OCCUPANT LOAD FACTOR	5,550 / 15
OCCUPANT LOAD/REQUIRED NUMBER OF EXITS	370 / 2

CODE INFORMATION

OCCUPANCY OVERALL: MIXED OCCUPANCY
 OCCUPANCY GROUPS: B OFFICE
 R-2 APARTMENTS

CONSTRUCTION TYPE: V-A

BASIC ALLOWABLE AREA: B 18,000 SF
 R-2 12,000 SF

ALLOWABLE AREA INCREASE: (NON-SEPARATED USES, PER IBC SEC. 302.3.2)

BASE ALLOWABLE, S13R	12,000 SF
AREA INCREASE (21%)	2,520 SF
FIRE SPRINKLER - S13R	
SUB-TOTAL ALLOWABLE (PER FLOOR)	14,520 SF
3 FLOORS x3	
TOTAL BUILDING ALLOWABLE AREA	43,560 SF

ACTUAL BUILDING AREA:
 FIRST FLOOR: 10,116 SF
 SECOND FLOOR: 9,207 SF
 THIRD FLOOR: 9,207 SF
 TOTAL BLDG AREA: 28,530 SF

BASIC ALLOWABLE STORIES: 4
 STORIES - S13R (PER IBC SEC. 504.4)
 TOTAL ALLOWABLE STORIES: 4

BASIC ALLOWABLE HEIGHT: 60'
 HEIGHT INCREASE
 TOTAL ALLOWABLE HEIGHT: 60'

ACTUAL STORIES: 3
 ACTUAL HEIGHT: 42'

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS: V-A
 EXTERIOR BEARING WALLS: 1 HOUR (INTERIOR RATING ONLY, PER IBC SEC. 705.5, FS>10)
 STRUCTURAL FRAME: 1 HOUR
 INTERIOR BEARING WALLS: 1 HOUR
 INTERIOR NON-BEARING WALLS: 0 HOUR
 SHAFT ENCLOSURES: 1 HOUR (Less than 4 stories)
 FLOOR/CEILING ASSEMBLY: 1 HOUR
 CEILING/ROOF ASSEMBLY: 1 HOUR
 CORRIDOR/DWELLING UNITS: 1/2 HOUR (Table 1020.1)

OCCUPANCY SEPARATIONS:
 (NON-SEPARATED USES, PER IBC SEC. 302.3.2)
 ALLOWABLE AREA & HEIGHT CALCULATIONS ARE BASED ON THE MOST RESTRICTIVE USE.
 DIFFERENT USES ARE NOT SEPARATED BY FIRE BARRIERS.
 R2 TO R2 SEPARATION OF DWELLING UNITS = 1HR, 45 MIN. OPNGS

ROOF COVERINGS CLASS B OR BETTER

INCIDENTAL SEPARATIONS: (PER IBC TABLE 508.2.5)
 STORAGE ROOMS OVER 100 SF - SPRINKLER SYSTEM (SMOKE BARRIER)
 DWELLING UNITS - 1 HR FIRE PARTITIONS

SPECIAL CONDITIONS:
 EXIT & EMERGENCY LIGHTING, PORTABLE FIRE EXTINGUISHERS, MANUAL FIRE ALARM
 EGRESS - NO STEPS EXISTING OR PROPOSED AT REQUIRED EXITS
 RATED STAIR ENCLOSURES

FIRE ALARM REQUIREMENTS:
 REQUIRED, PROVIDED - MANUAL & AUTOMATIC FIRE ALARM SYSTEM PER NFPA 72
 SIGNALING SYSTEM IS AUDIBLE/VISUAL PER NFPA 72 & ADA INSTALLED THROUGHOUT
 INITIATING DEVICES: PULL STATIONS; SMOKE DETECTION @ SLEEPING & COMMON AREAS,
 SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES MONITORED.

SMOKE ALARM REQUIREMENTS:
 REQUIRED, PROVIDED - SLEEPING ROOMS & AT EACH FLOOR

AUTOMATIC FIRE SUPPRESSION SYSTEM:
 REQUIRED, PROVIDED PER NFPA 13R

EMERGENCY POWER SOURCE:
 EXIT SIGNS, EXIT ILLUMINATION & EMERGENCY LIGHTING IS BY BATTERY BACK-UP

HAZARDOUS MATERIALS: (PER IBC TABLE 307.1(1))
 NO HAZARDOUS MATERIALS ARE TO BE STORED

SMOKE CONTROL: SMOKE PARTITIONS: STANDPIPES:
 NOT REQUIRED NOT REQUIRED NOT REQUIRED

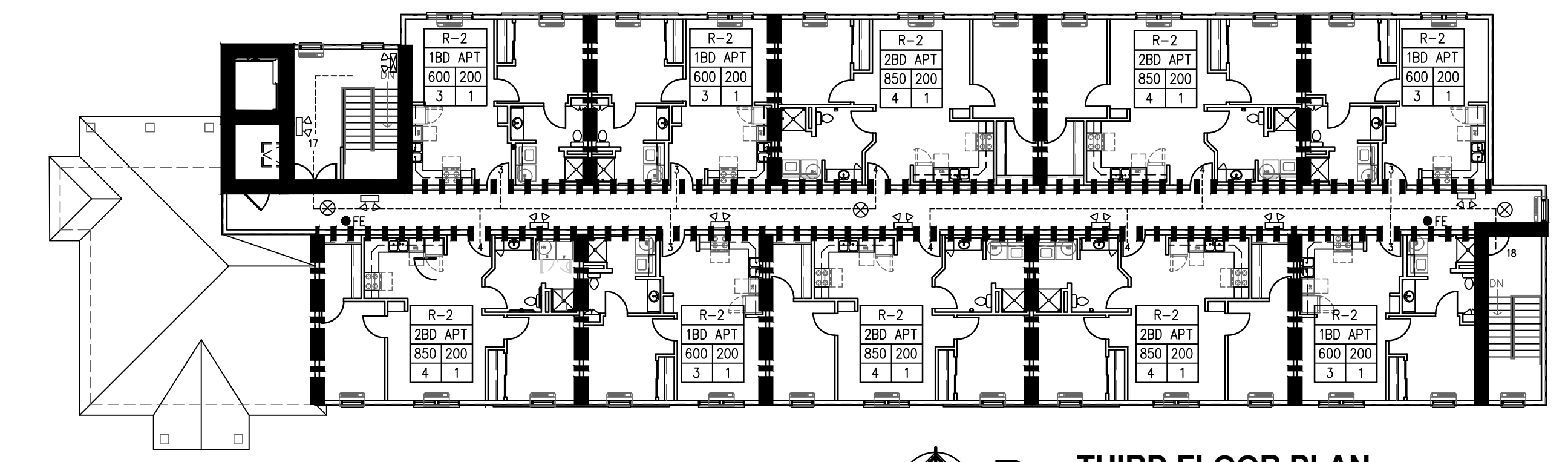
ASSEMBLY
 SIGNS TO BE MOUNTED IN ASSEMBLY AREAS OF MAXIMUM OCCUPANT LOAD

TOTAL OCCUPANT LOAD: 1st-74, 2nd-35, 3rd-35 = 144 TOTAL

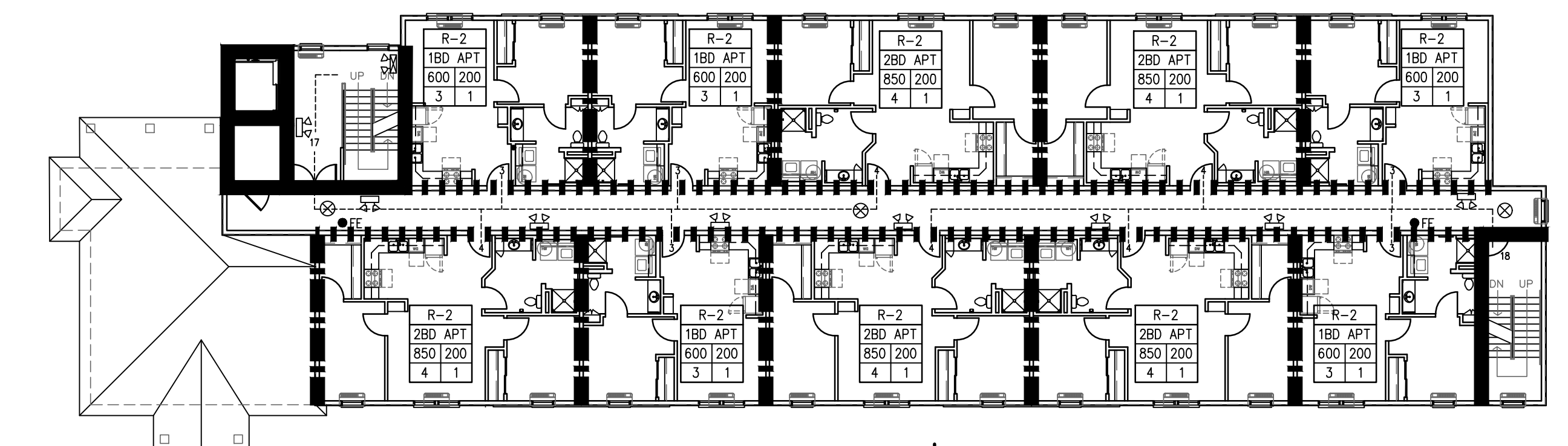
EXITING: REFERENCE PLAN

OCCUPANT LOAD FACTORS:

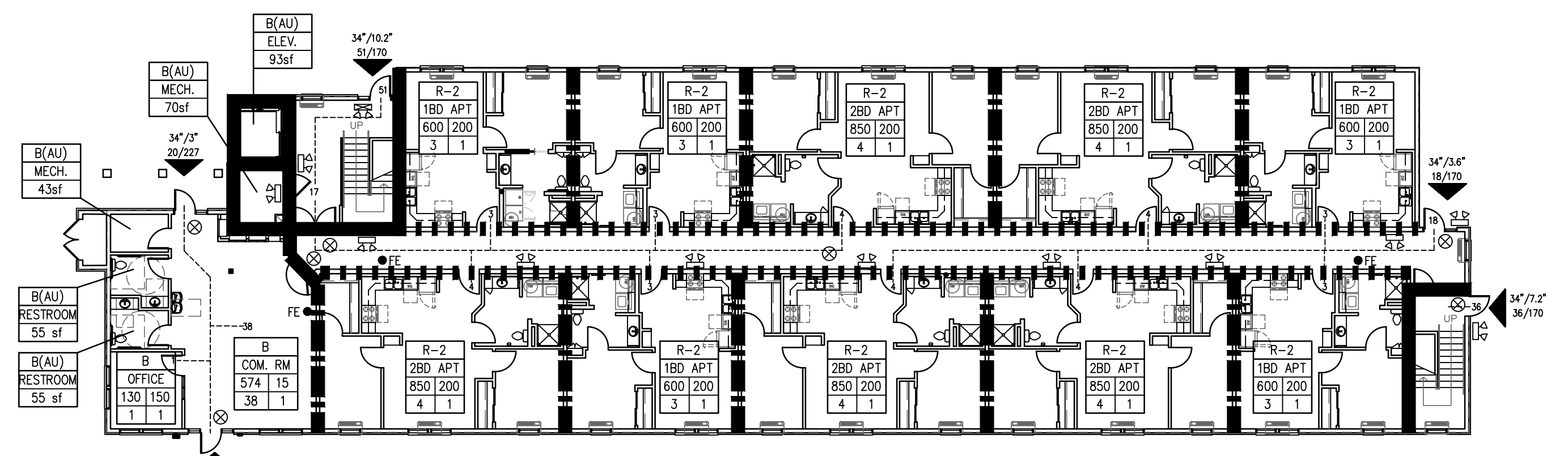
OCCUPANCY	USE	LOAD FACTOR	MAX. OCC LD=1 EXIT
B	LOBBY	15 sf/OCCUPANT	49
B	OFFICE	150 sf/OCCUPANT	49
B	MECH/ELEC	300 sf/OCCUPANT	49
R-2	APARTMENT	200 sf/OCCUPANT	10



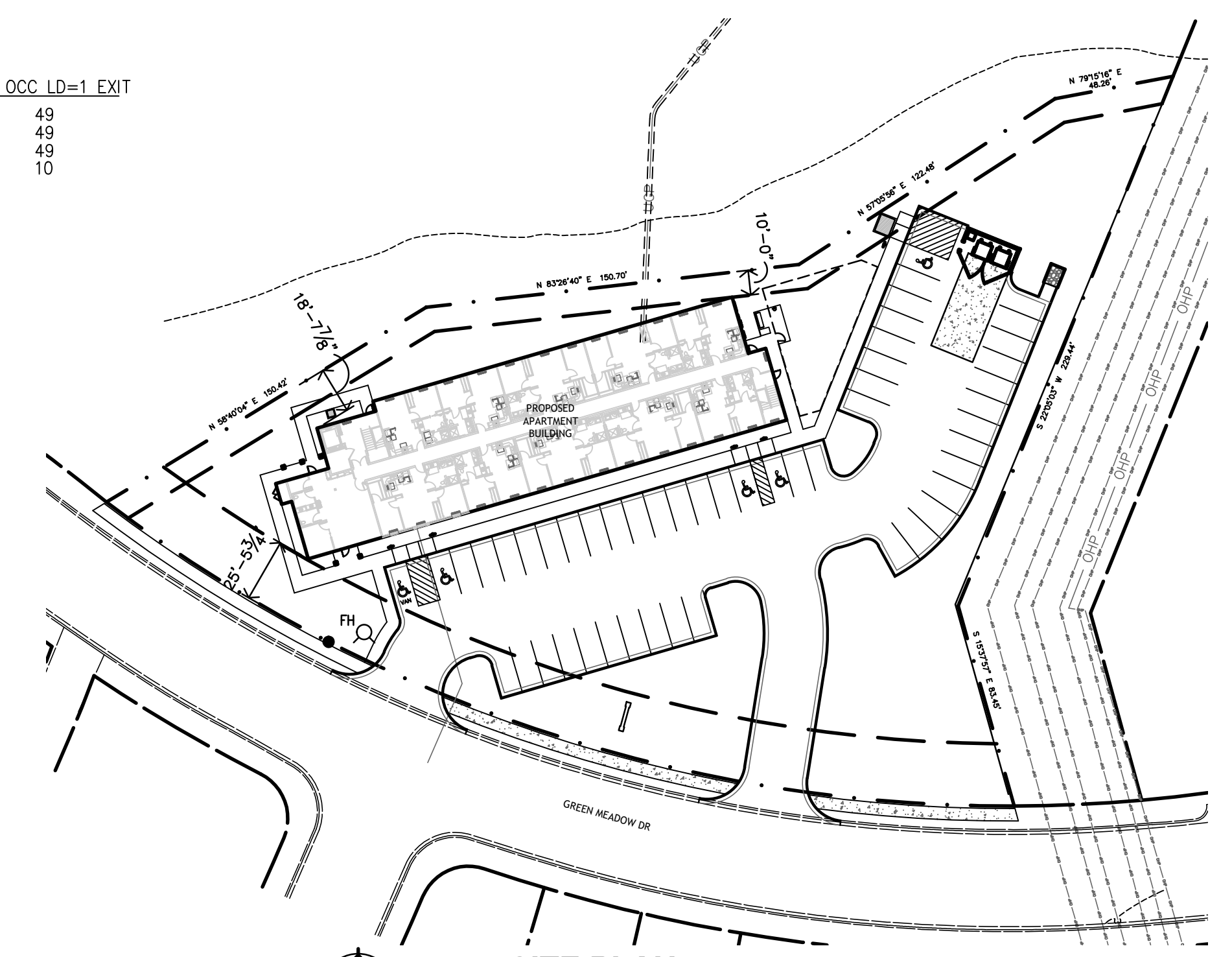
D THIRD FLOOR PLAN
 0 8' 16' 32'



C SECOND FLOOR PLAN
 0 8' 16' 32'



B FIRST FLOOR PLAN
 0 8' 16' 32'

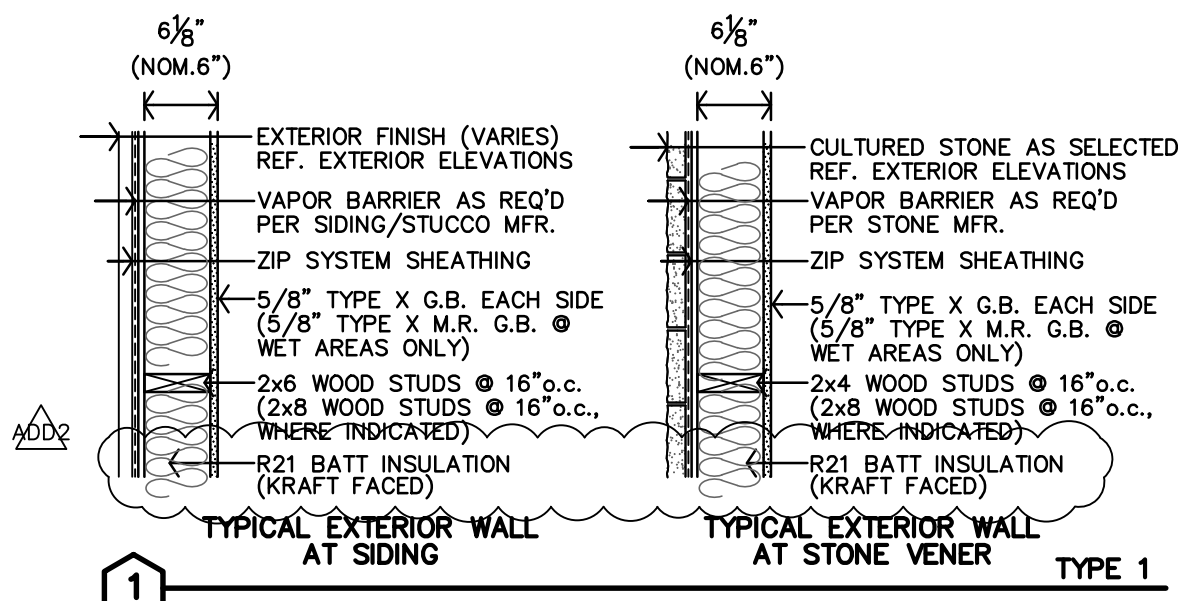


A SITE PLAN
 0 25' 50' 100'
 1"=50'-0"

CODE FOOT PRINT & INFORMATION

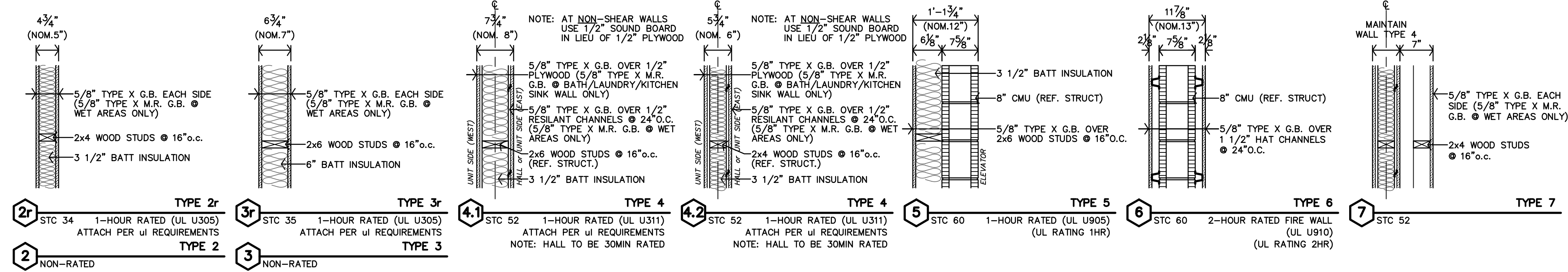
EXTERIOR PARTITION SCHEDULE

REF. SHEET CFP FOR ADDITIONAL CODE INFORMATION

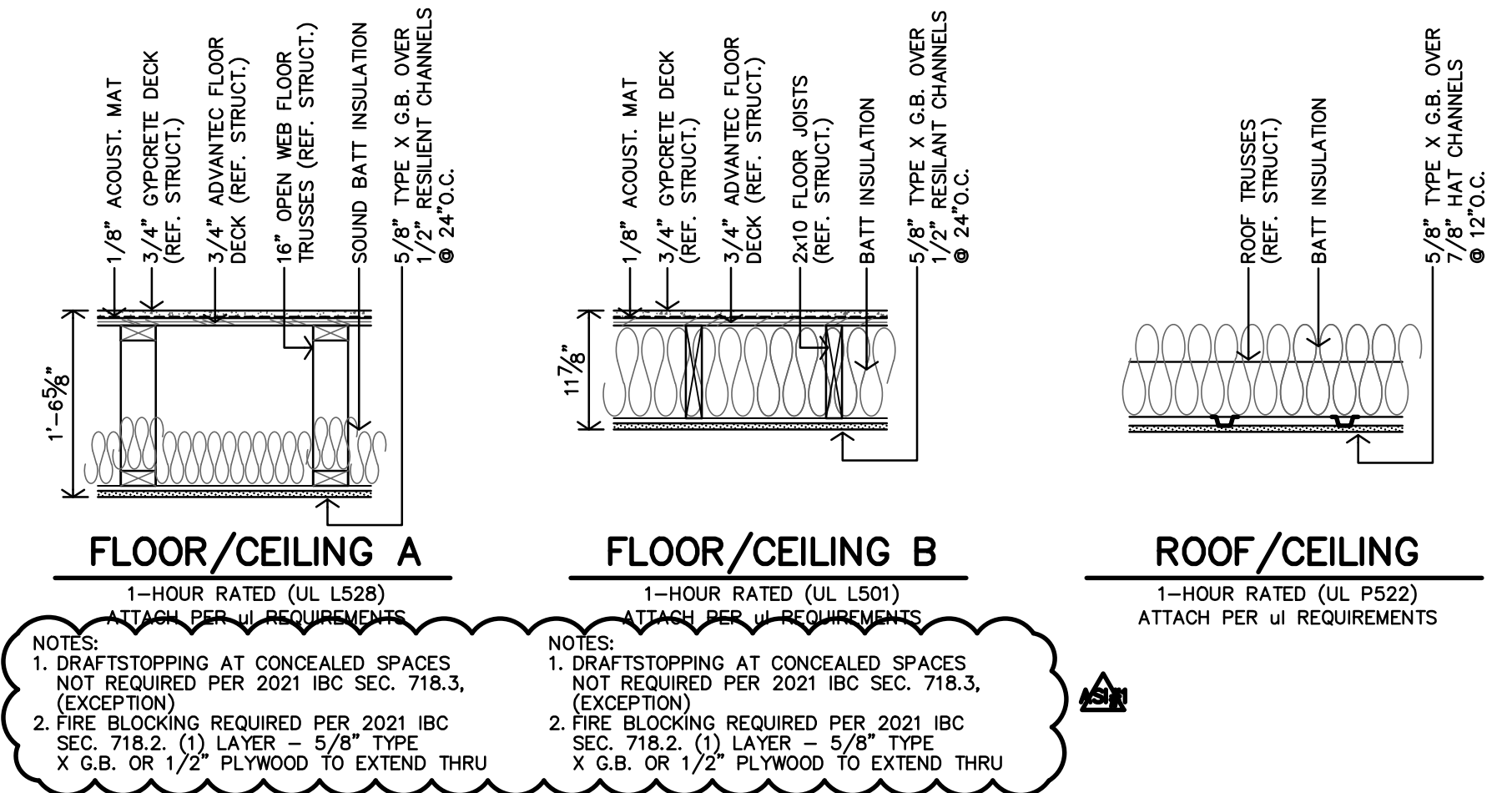


INTERIOR PARTITION SCHEDULE

ALL WALLS TO BE EXTEND TO STRUCTURE, UNLESS NOTED OR DETAILED OTHERWISE
LOAD BEARING WALLS & FIRE PARTITIONS SHALL EXTEND TO DECK, SEALED SMOKE TIGHT
REF. SHEET CFP FOR ADDITIONAL CODE INFORMATION



ASSEMBLIES



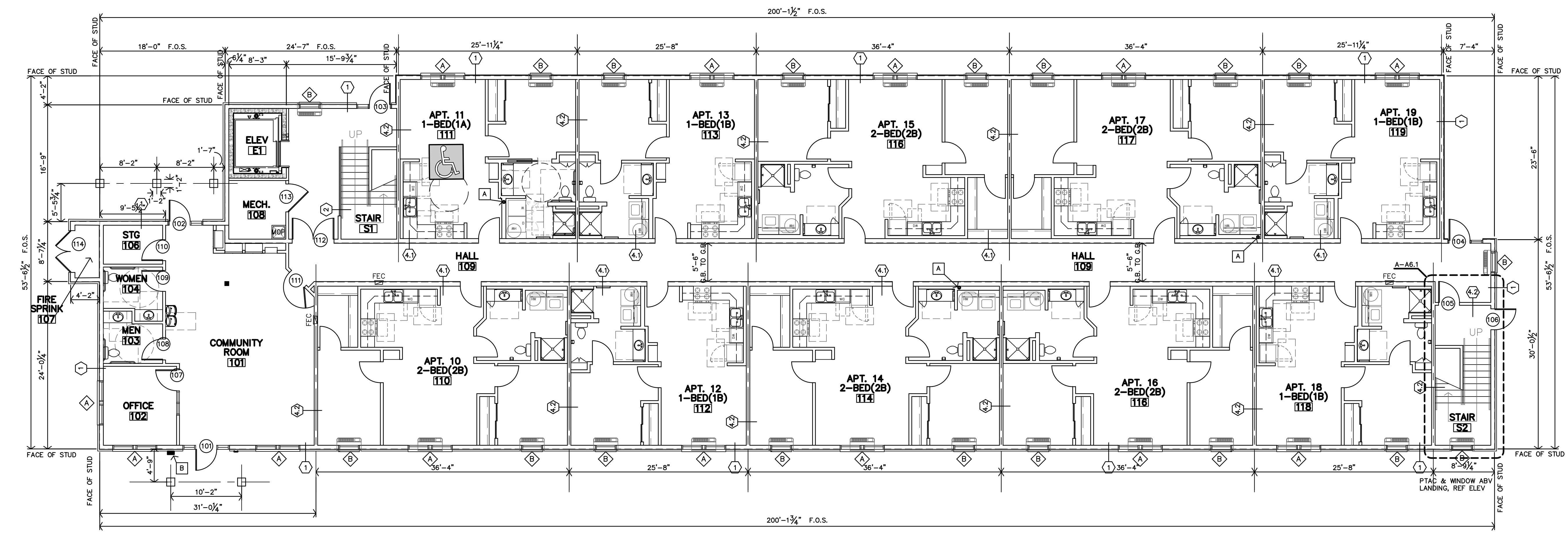
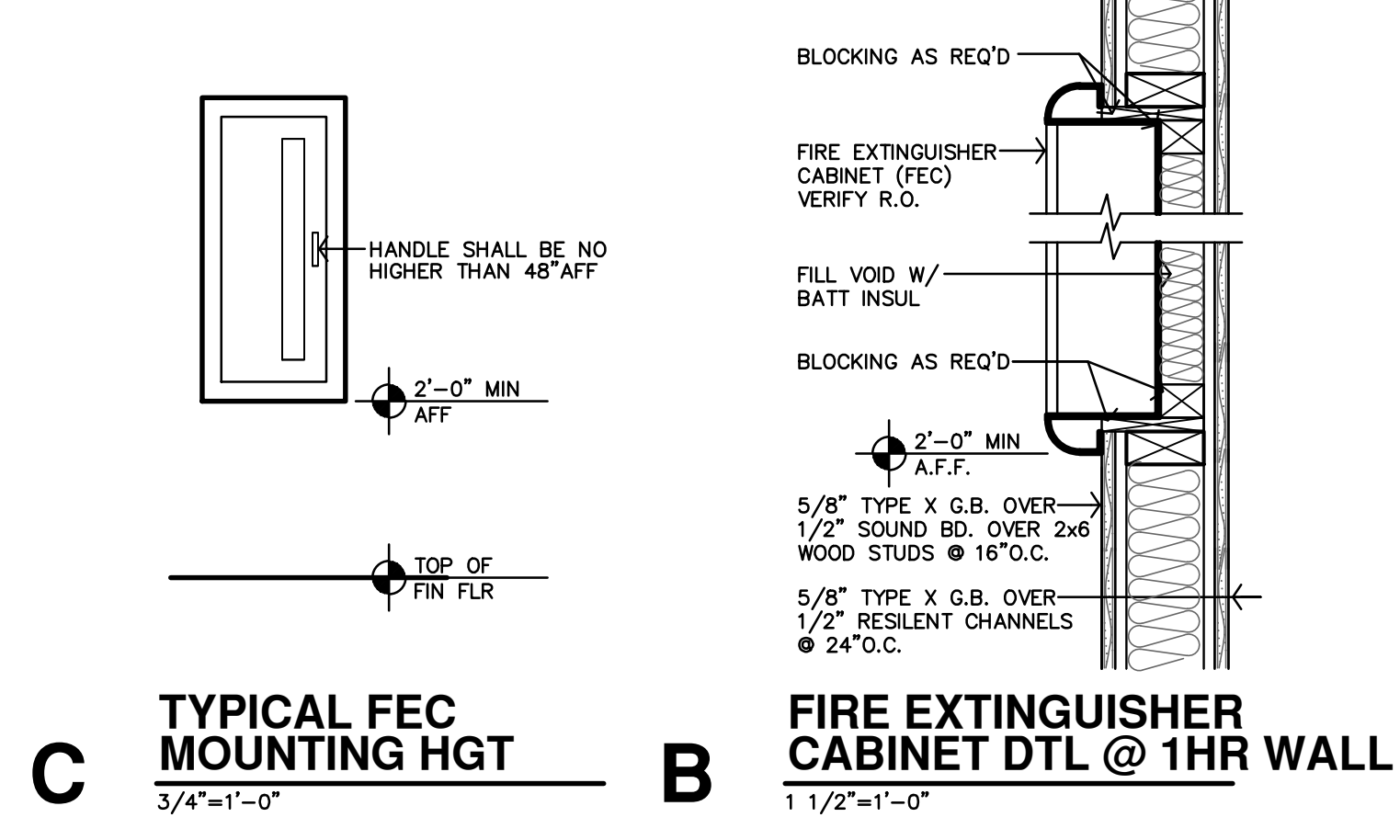
LEGEND

	RADON PIPE THROUGH ROOF. REF. T-A4.4 & MECH. DWGS.
	KNOCK BOX. REFERENCE A1.1 FOR LOCATION. COORDINATE WITH LOCAL FIRE MARSHAL OFFICE.
	ROOF HATCH & WALL MOUNTED LADDER
	SYMBOL INDICATES ACCESSIBLE UNIT (2 TOTAL) APARTMENTS 11(111) & 30(303)
	SYMBOL INDICATES HEARING IMPAIRED UNITS APARTMENT 20(203)
	ALL OTHER UNITS TO BE ADAPTABLE (TYPE-B)

UNIT NUMBERS SHOWN ARE FOR CONSTRUCTION PURPOSES ONLY AND DO NOT REFLECT FINAL UNIT NUMBERING/LETTERING.

ARCHITECTURAL GENERAL NOTES

- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
- INSTALL MATERIALS AND/OR FINISHES AS INDICATED, IMPLIED OR AS REQUIRED FOR COMPLETE & FINISHED INSTALLATION.
- ALL WORK SHALL BE IN CONFORMANCE W/ APPLICABLE BUILDING CODES & ORDINANCES.
- ALL NEW CONSTRUCTION SHALL BE IN CONFORMANCE TO ADA REQUIREMENTS. REFERENCE ADA FOR TYPICAL MINIMUM CLEARANCE REQ.
- IF THERE IS A DISCREPANCY BETWEEN DRAWINGS AND FIELD CONDITIONS NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH WORK SO THAT ANY ISSUES MAY BE CLARIFIED.
- DOORS ARE TYPICALLY LOCATED WITH HINGE-SIDE JAMB 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE OR REQUIRED TO MEET LATCH-SIDE CLEARANCE PER ADA. FEC - INDICATES LOCATION OF RECESSED FIRE EXTINGUISHER CABINET. REF. SPECS. AND DETAILS B/C-A2.1
- MHO - INDICATES DOOR WITH MAGNETIC HOLD OPEN.
- F.O.S. - DIMENSIONS TO THE EXTERIOR WALLS ARE TO THE FACE OF STUD U.N.O.
- FURNITURE SHOWN IS BY OWNER.
- REFERENCE SHEET A2.1 FOR PARTITION SCHEDULES AND ASSEMBLIES



A FIRST FLOOR PLAN
1/8" = 1'-0" 10,116 SF



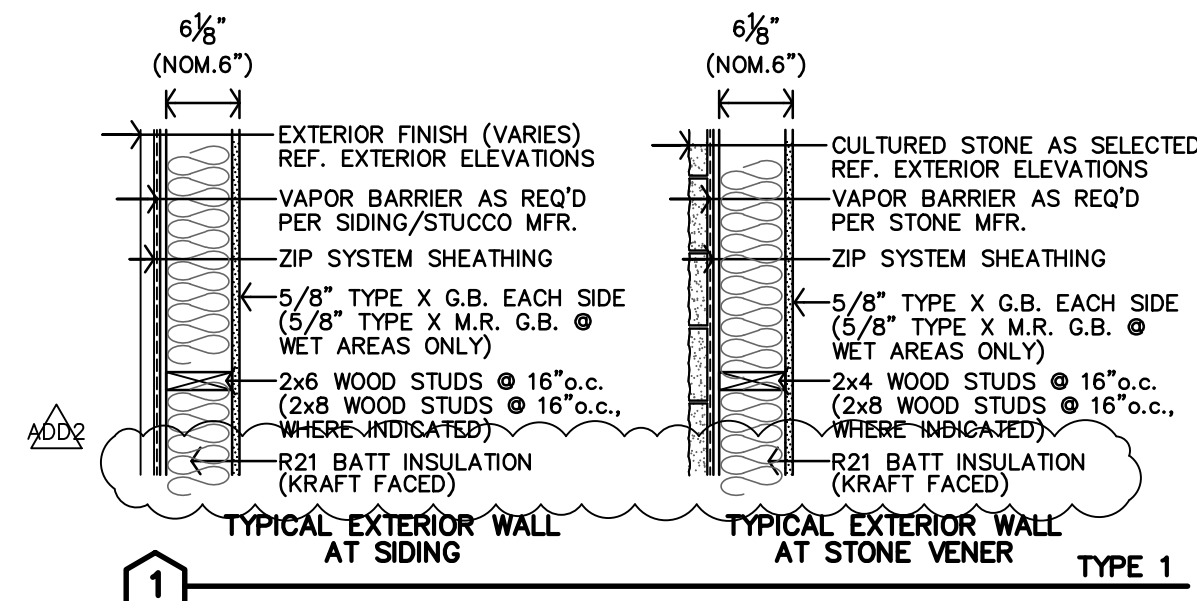
REVISION:

ADD	12-6-2024
REV	12-18-2024

DATE: 11-22-2024
JOB: 24-3395
SHEET NO.:

EXTERIOR PARTITION SCHEDULE

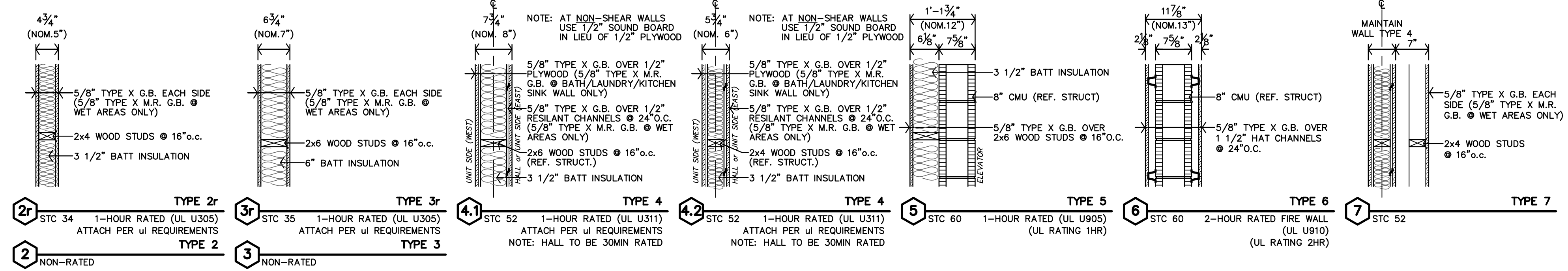
• REF. SHEET CFP FOR ADDITIONAL CODE INFORMATION



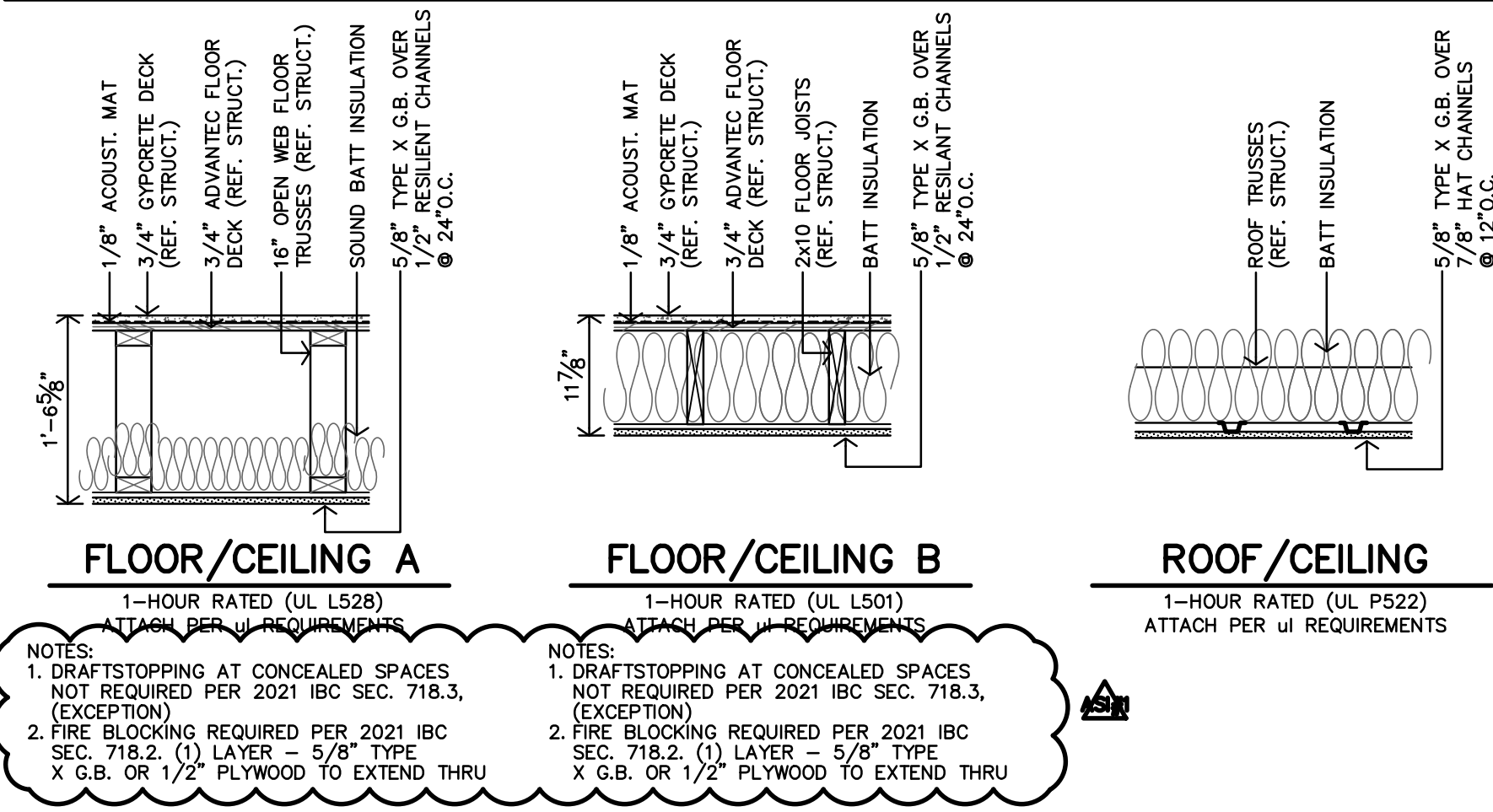
1 TYPICAL EXTERIOR WALL AT SIDING TYPE 1

INTERIOR PARTITION SCHEDULE

• ALL WALLS TO BE EXTEND TO STRUCTURE, UNLESS NOTED OR DETAILED OTHERWISE
 • LOAD BEARING WALLS & FIRE PARTITIONS SHALL EXTEND TO DECK, SEALED SMOKE TIGHT.
 • REF. SHEET CFP FOR ADDITIONAL CODE INFORMATION



ASSEMBLIES



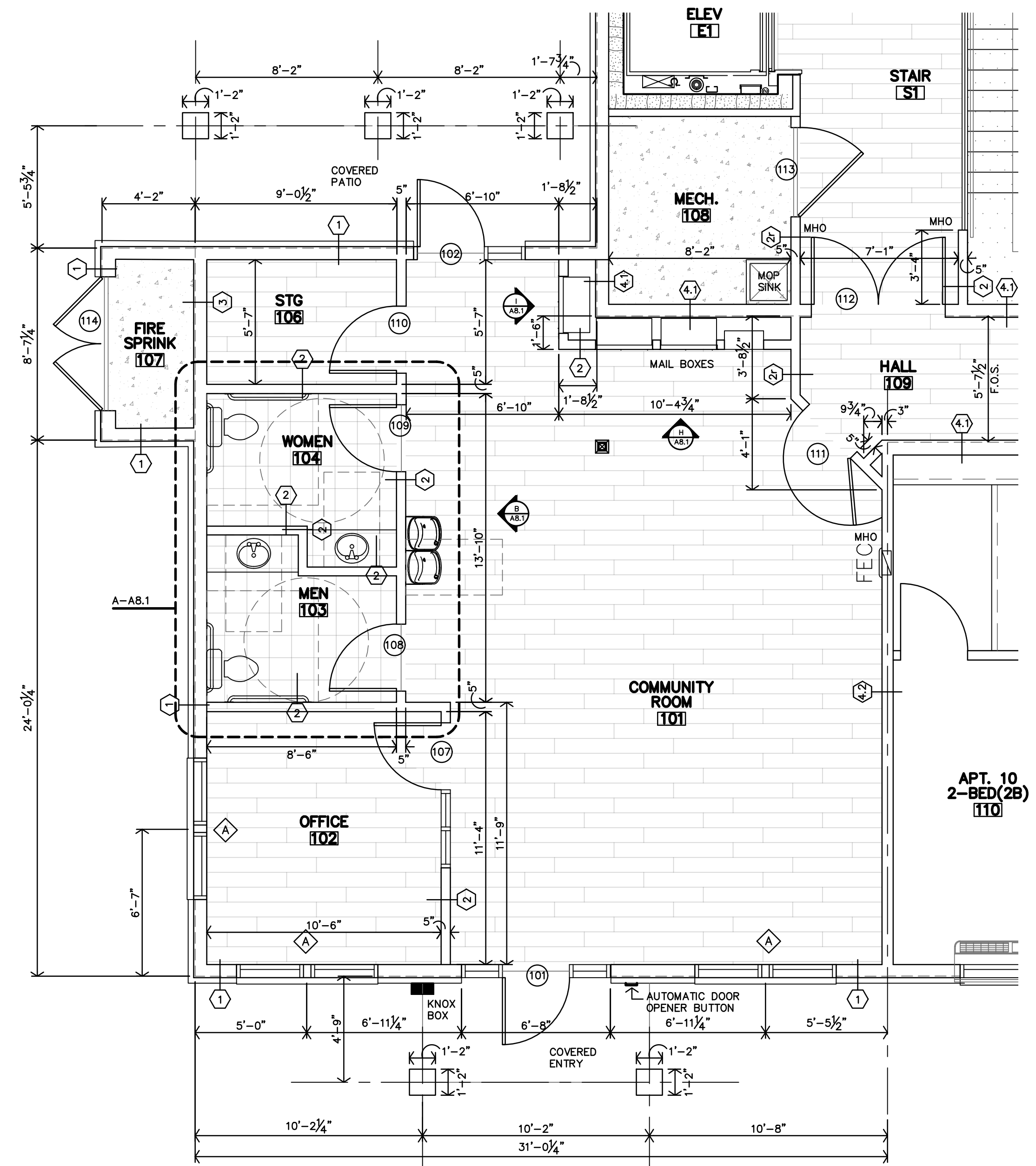
ARCHITECTURAL GENERAL NOTES

- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
- INSTALL MATERIALS AND/OR FINISHES AS INDICATED, IMPLIED OR AS REQUIRED FOR COMPLETE & FINISHED INSTALLATION.
- ALL WORK SHALL BE IN CONFORMANCE W/ APPLICABLE BUILDING CODES & ORDINANCES.
- ALL NEW CONSTRUCTION SHALL BE IN CONFORMANCE TO ADA REQUIREMENTS. REFERENCE ADA FOR TYPICAL MINIMUM CLEARANCE REQ.
- IF THERE IS A DISCREPANCY BETWEEN DRAWINGS AND FIELD CONDITIONS NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH WORK SO THAT ANY ISSUES MAY BE CLARIFIED.
- DOORS ARE TYPICALLY LOCATED WITH HINGE-SIDE JAMB 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE OR REQUIRED TO MEET LATCH-SIDE CLEARANCE PER ADA.
- FEC - INDICATES LOCATION OF RECESSED FIRE EXTINGUISHER CABINET, REF. SPECS. AND DETAILS B/C-A2.1
- MHO - INDICATES DOOR WITH MAGNETIC HOLD OPEN.
- F.O.S. - DIMENSIONS TO THE EXTERIOR WALLS ARE TO THE FACE OF STUD U.N.O.
- FURNITURE SHOWN IS BY OWNER.
- REFERENCE SHEET A2.1 FOR PARTITION SCHEDULES AND ASSEMBLIES

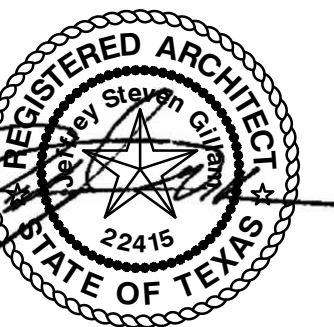
LEGEND

	RADON PIPE THROUGH ROOF. REF. T-A4.4 & MECH. DWGS.
	KNOX BOX. REFERENCE A1.1 FOR LOCATION. COORDINATE WITH LOCAL FIRE MARSHAL OFFICE.
	ROOF HATCH & WALL MOUNTED LADDER
	SYMBOL INDICATES ACCESSIBLE UNIT (2 TOTAL) APARTMENTS 11(111) & 30(303)
	SYMBOL INDICATES HEARING IMPAIRED UNITS (1 TOTAL) APARTMENT 20(203)
	ALL OTHER UNITS TO BE ADAPTABLE (TYPE-B)

UNIT NUMBERS SHOWN ARE FOR CONSTRUCTION PURPOSES ONLY AND DO NOT REFLECT FINAL UNIT NUMBERING/LETTERING.



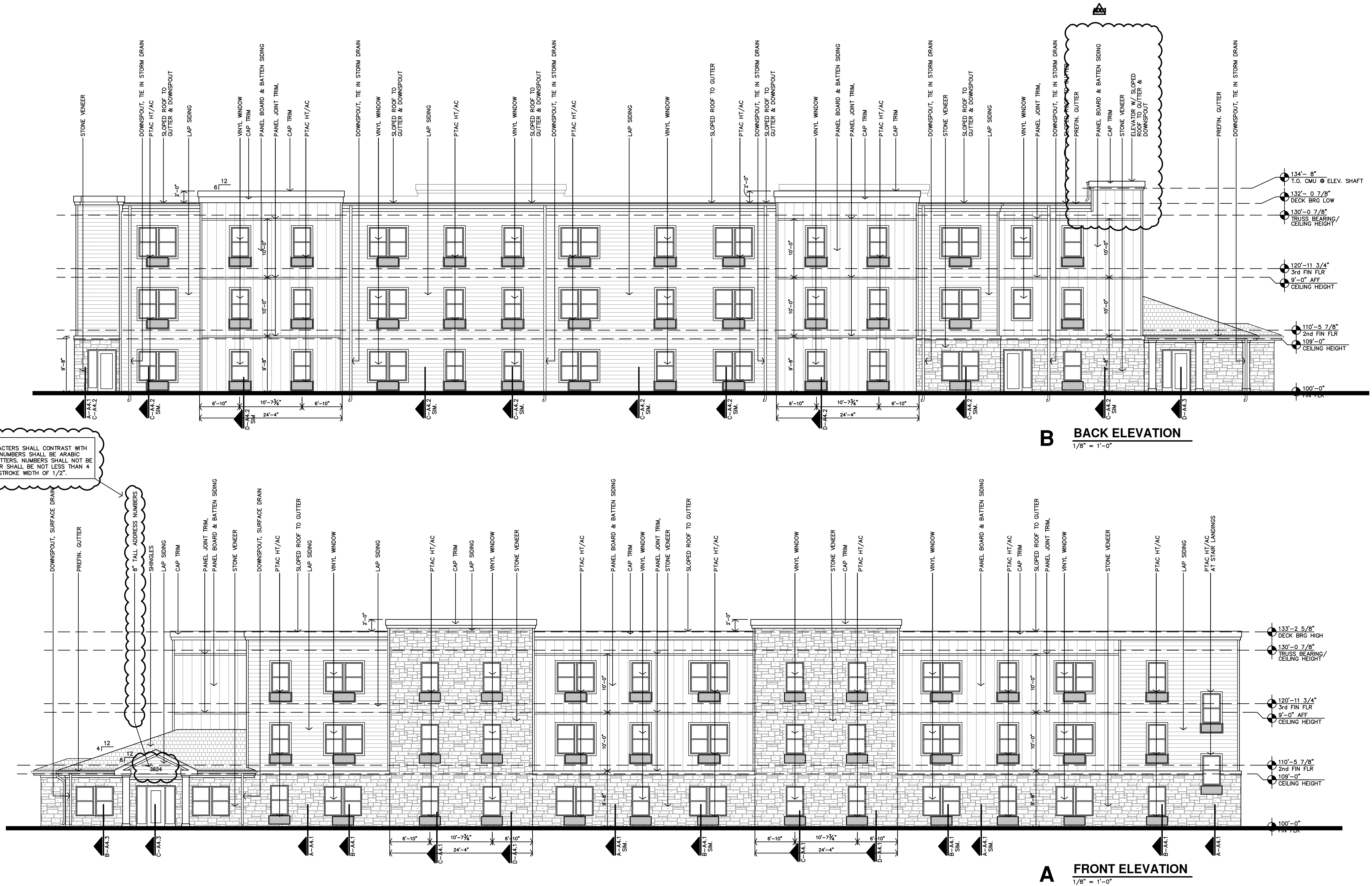
A ENLARGED "CLUBHOUSE" FLOOR PLAN
 1/4" = 1'-0"



REVISION:	
	12-6-2024
	12-18-2024

DATE:	11-22-2024
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ADDRESSING NOTES:
 ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 4 INCHES HIGH WITH A MINIMUM STROKE WIDTH OF 1/2".

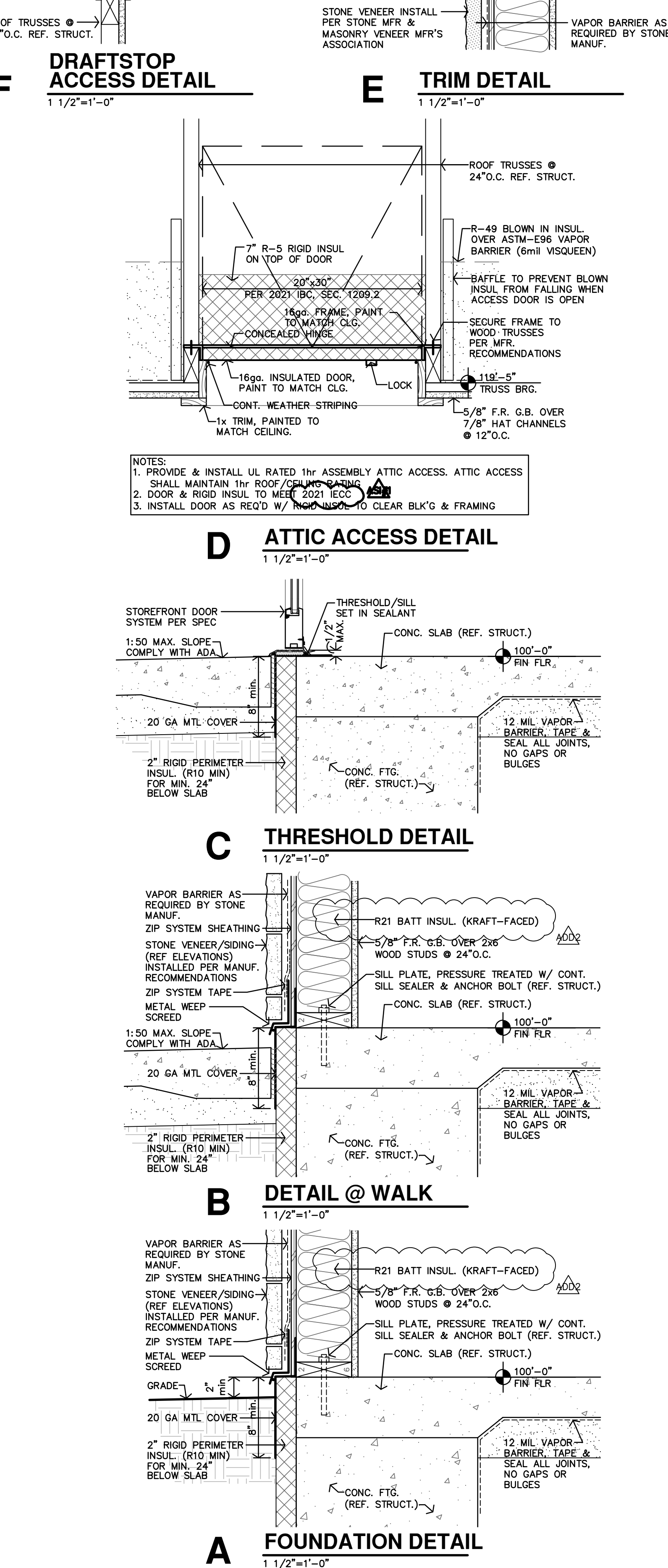
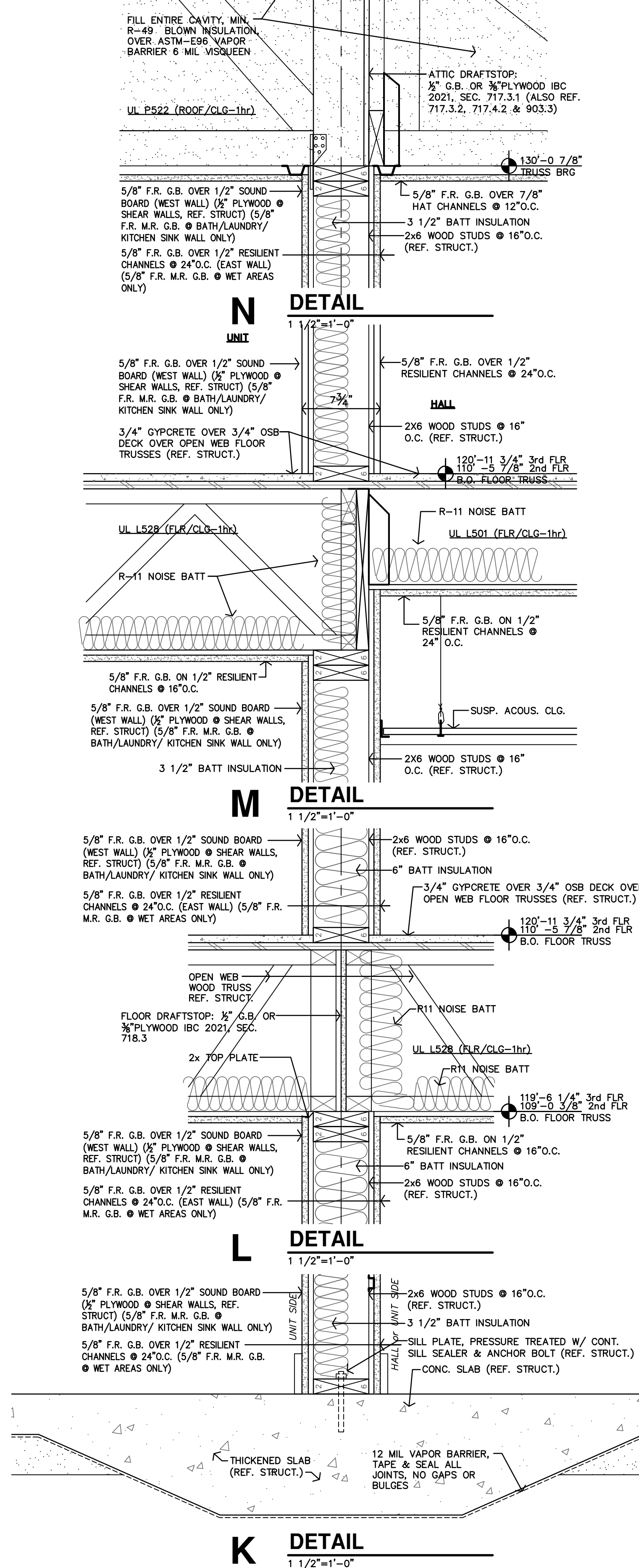
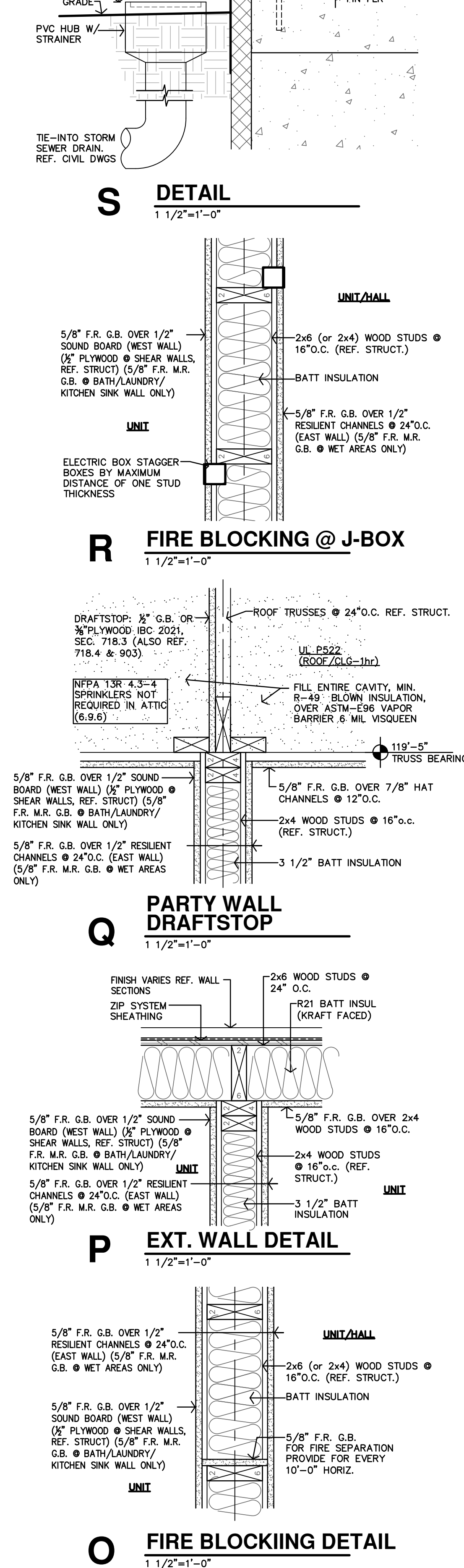
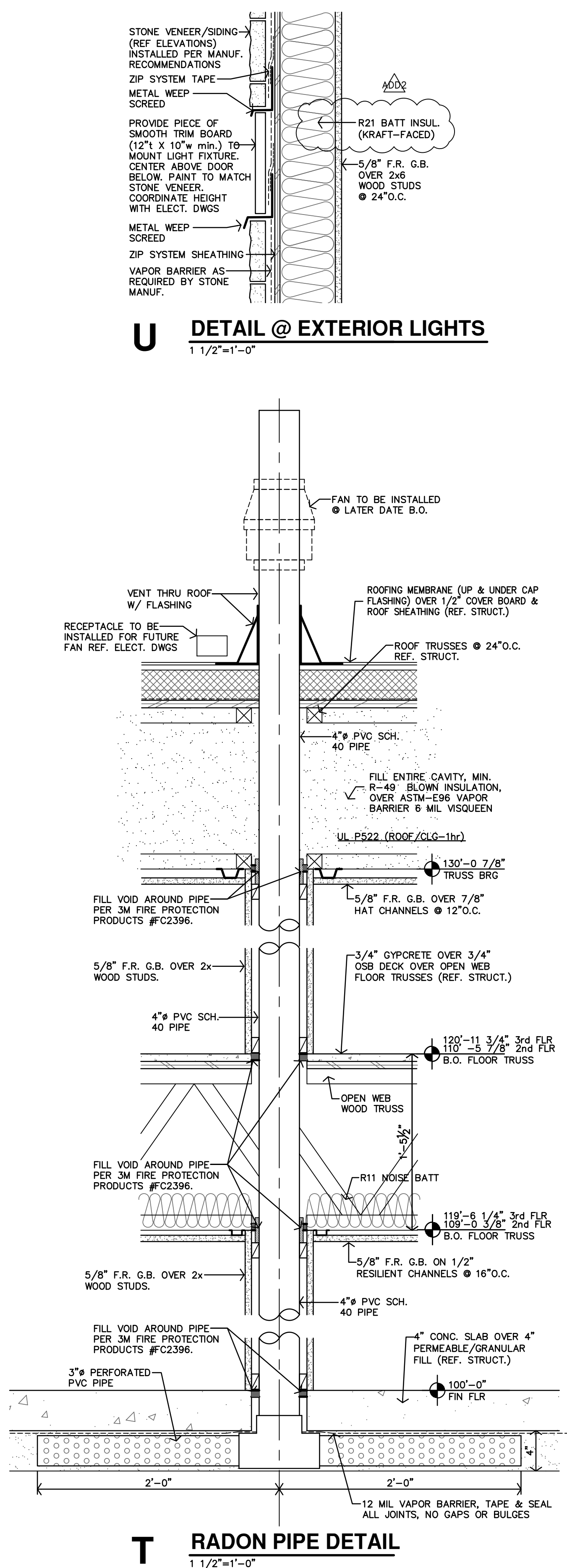


THE RESIDENCE AT GREEN MEADOW
 NEW SENIOR-LIVING FACILITY
 SAN ANGELO, TEXAS

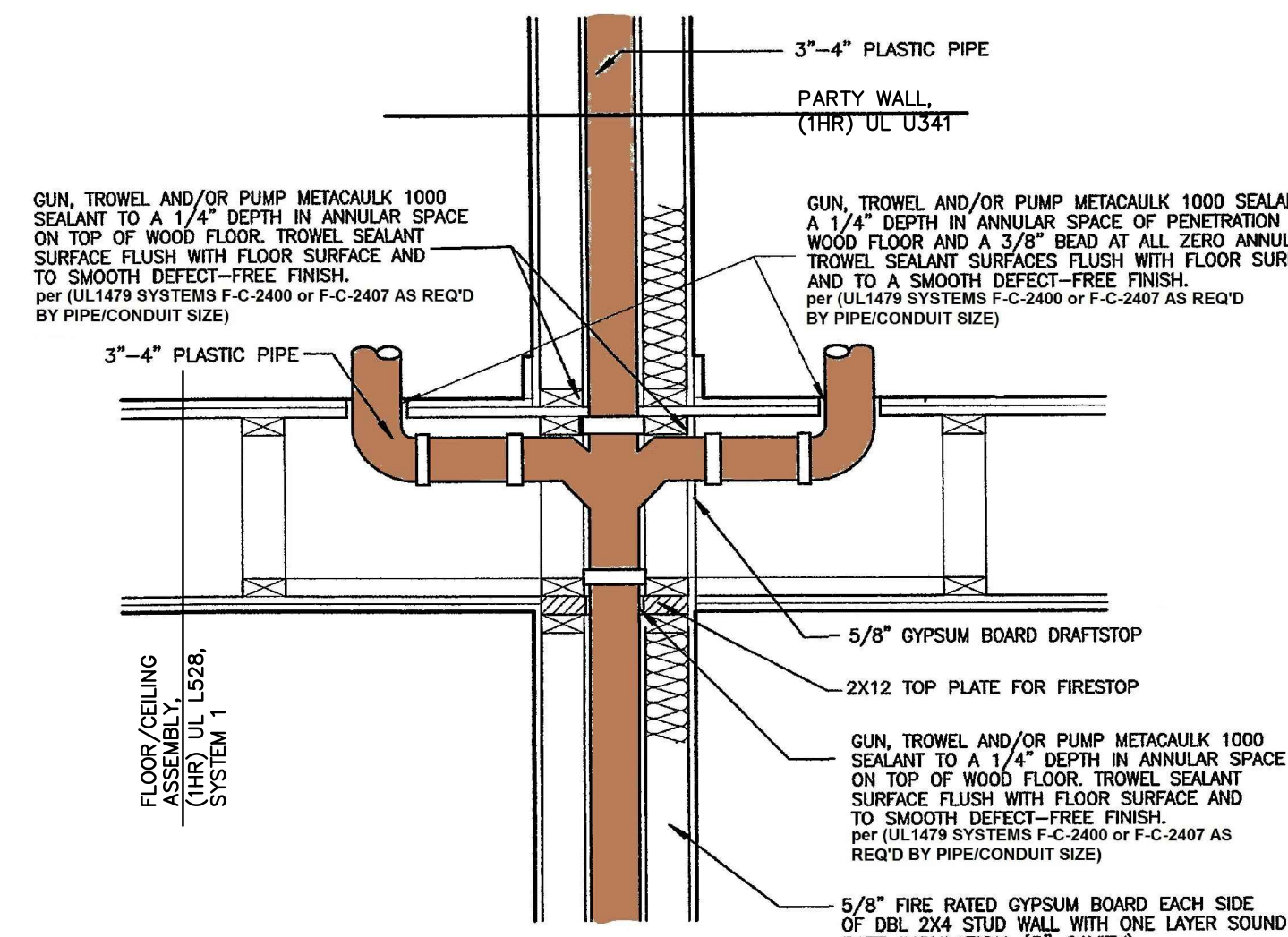


REVISION:	
	11-27-2024
	12-18-2024
DATE:	11-22-2024
JOB:	24-3395
SHEET NO.:	

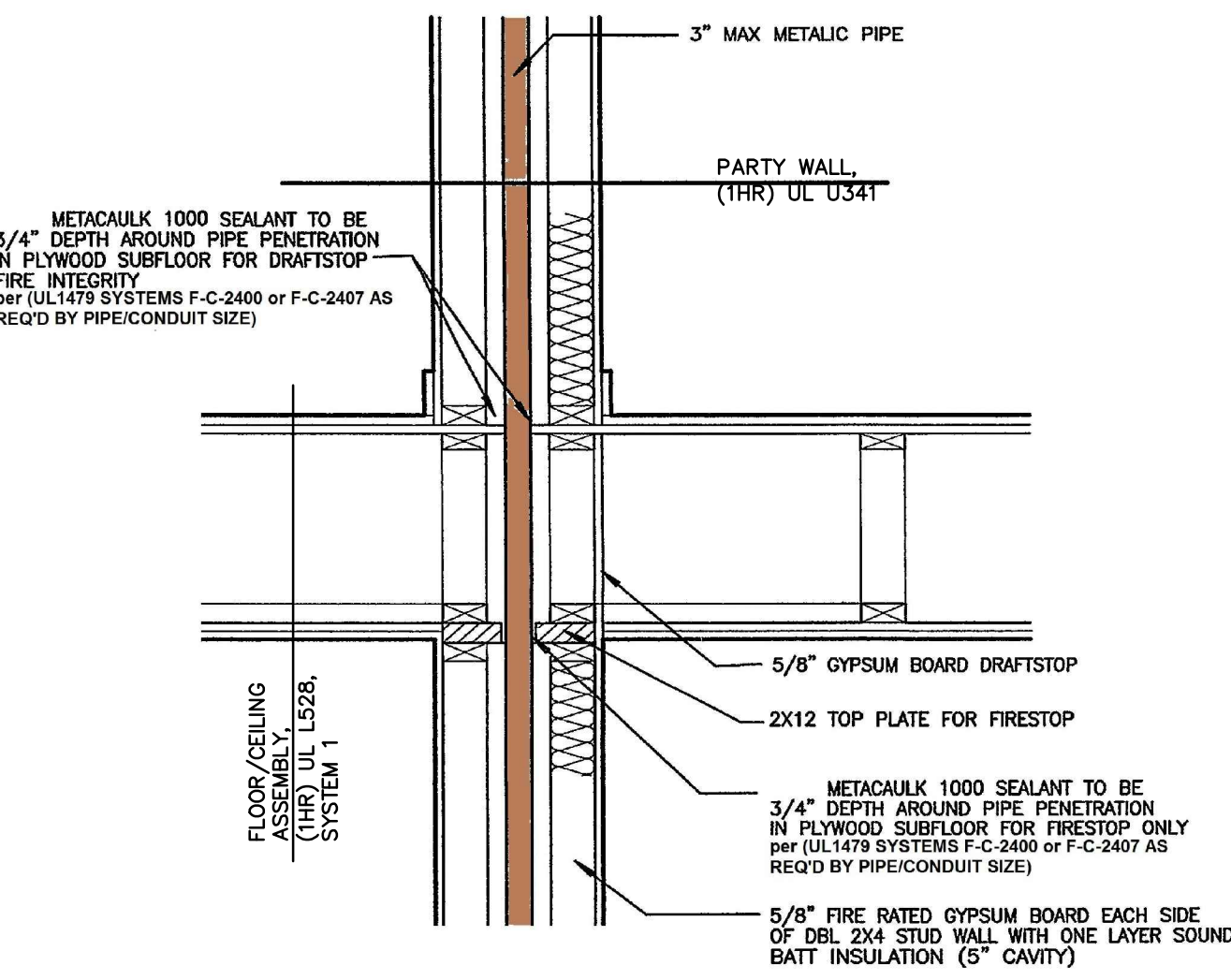
COPYRIGHTED ©



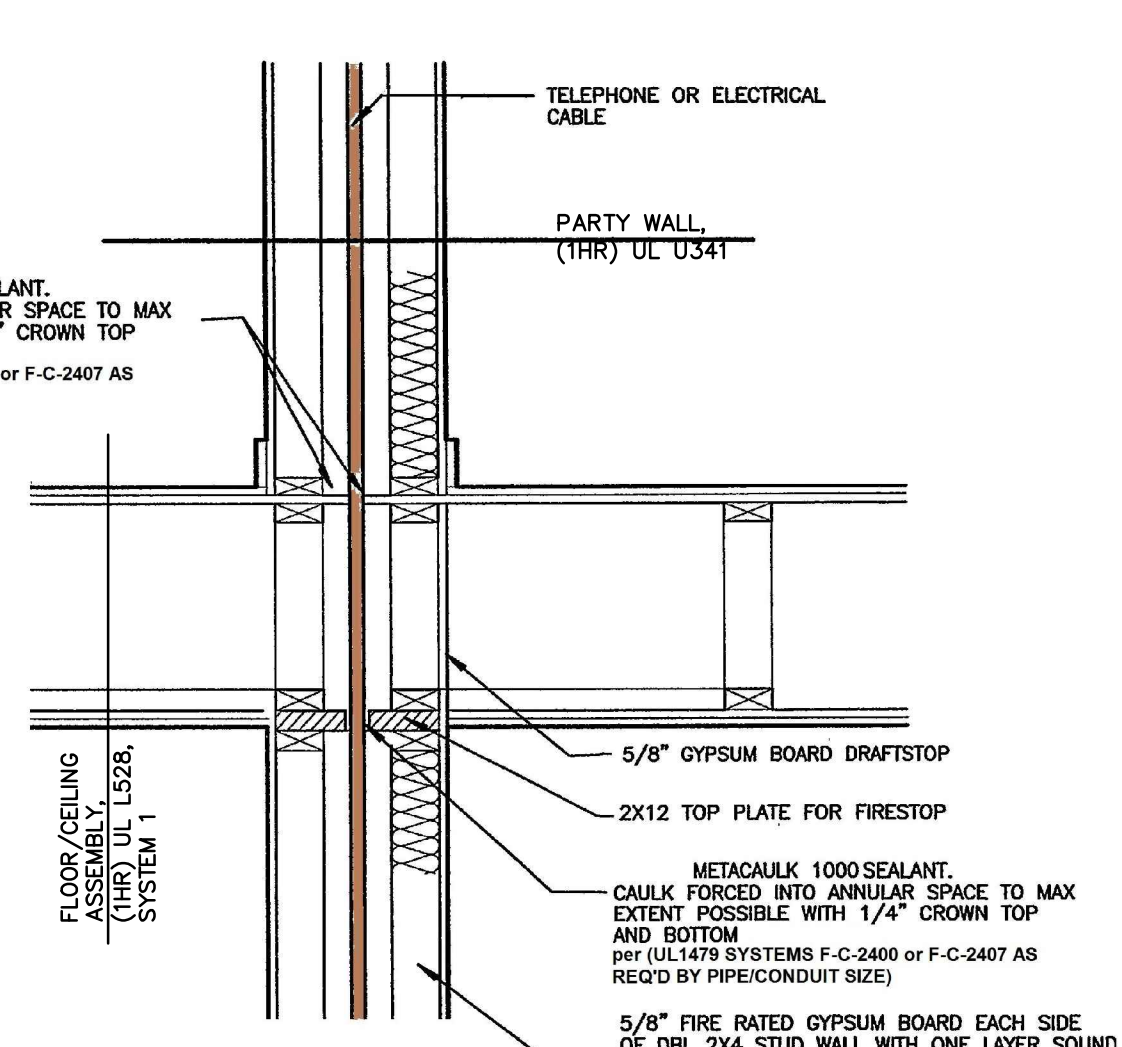
NOTES:
1. PROVIDE & INSTALL UL RATED 1hr ASSEMBLY ATTIC ACCESS. ATTIC ACCESS SHALL MAINTAIN 1hr ROOF/CLG-1hr.
2. DOOR & RIGID INSUL TO MEET 2021 IBC.
3. INSTALL DOOR AS REQ'D W/ RIGID INSUL TO CLEAR BLK'G & FRAMING



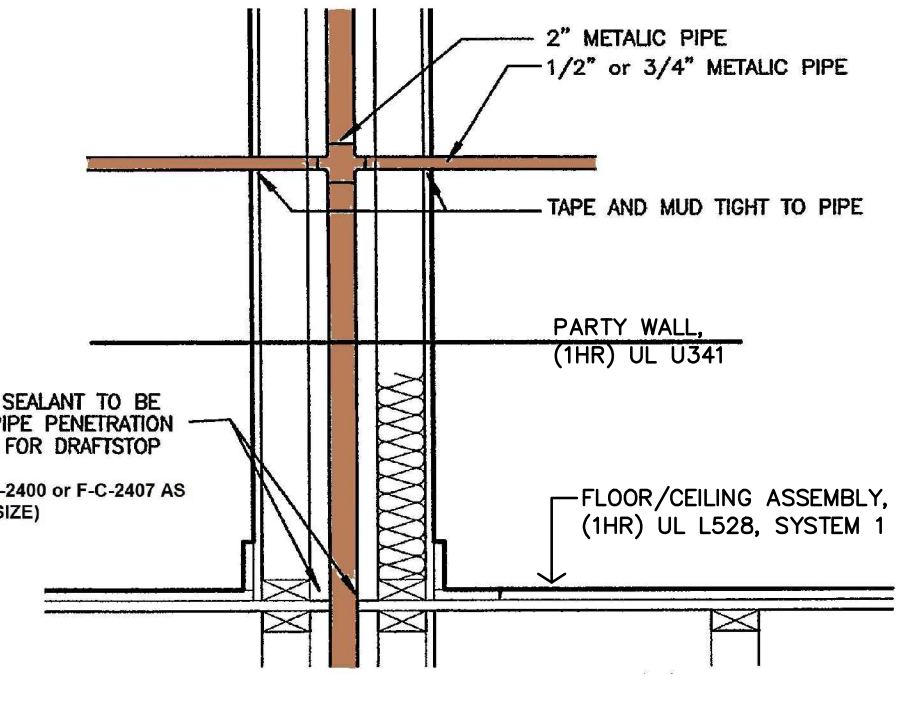
1 PENETRATION ASSEMBLY
NO SCALE



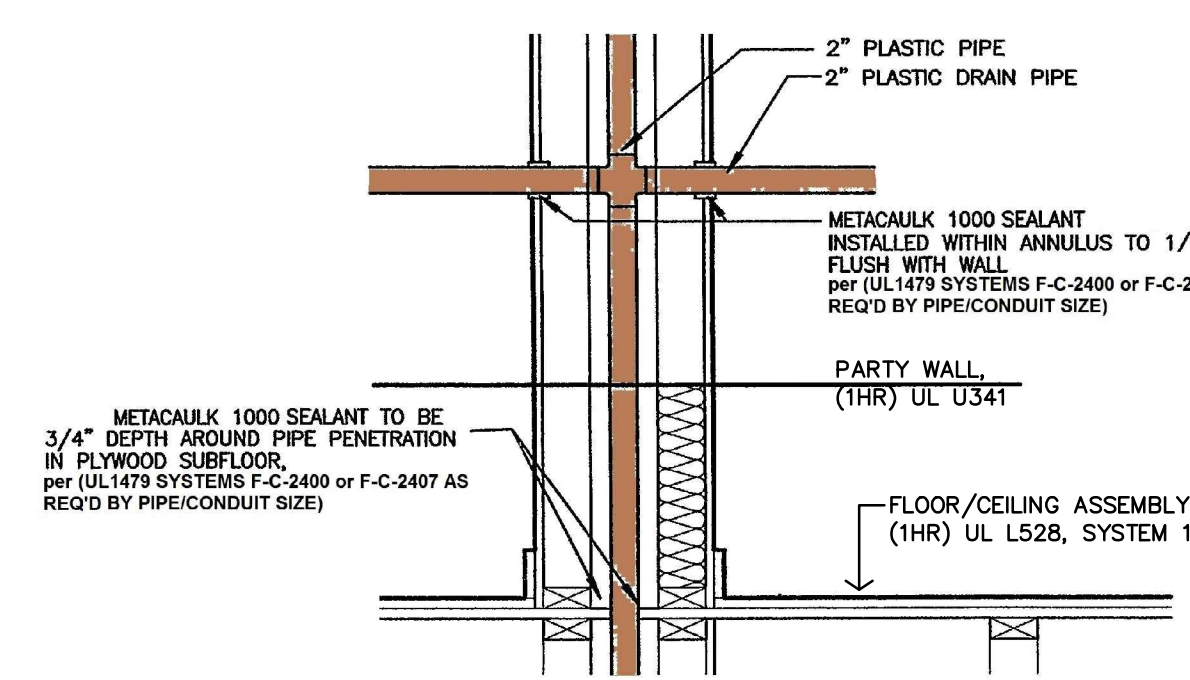
2 PENETRATION ASSEMBLY
NO SCALE



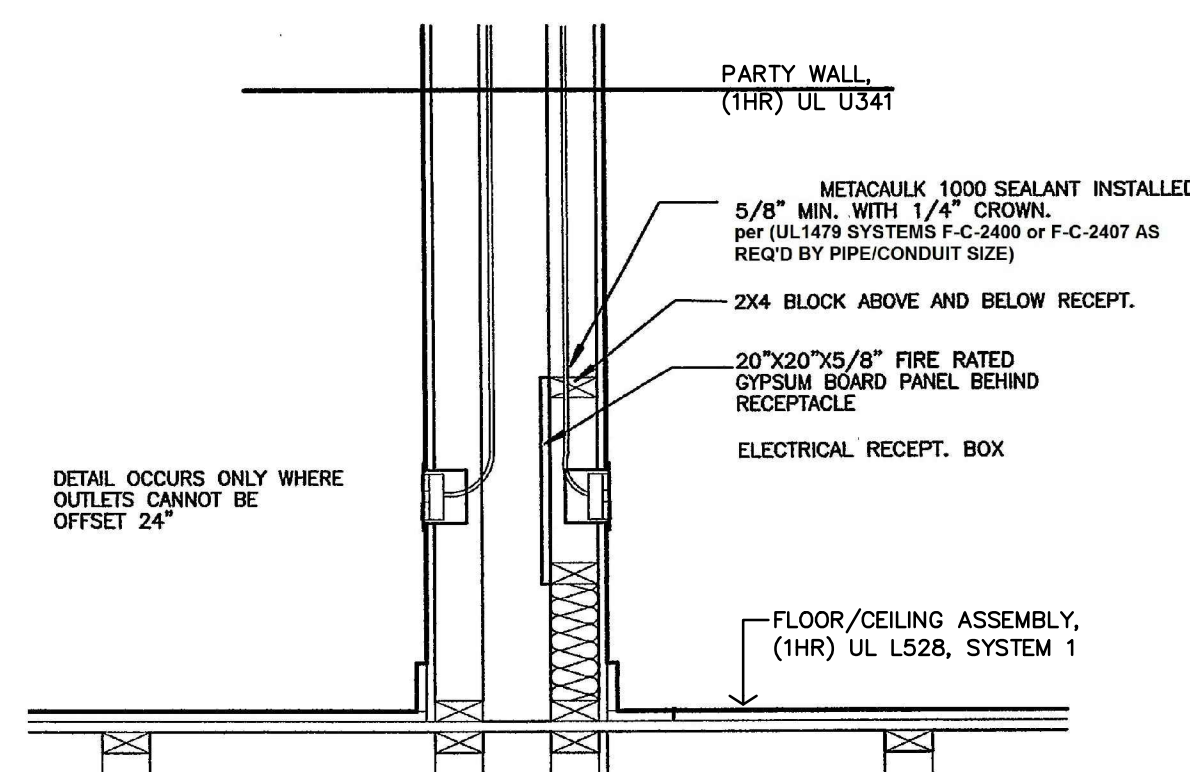
3 PENETRATION ASSEMBLY
NO SCALE



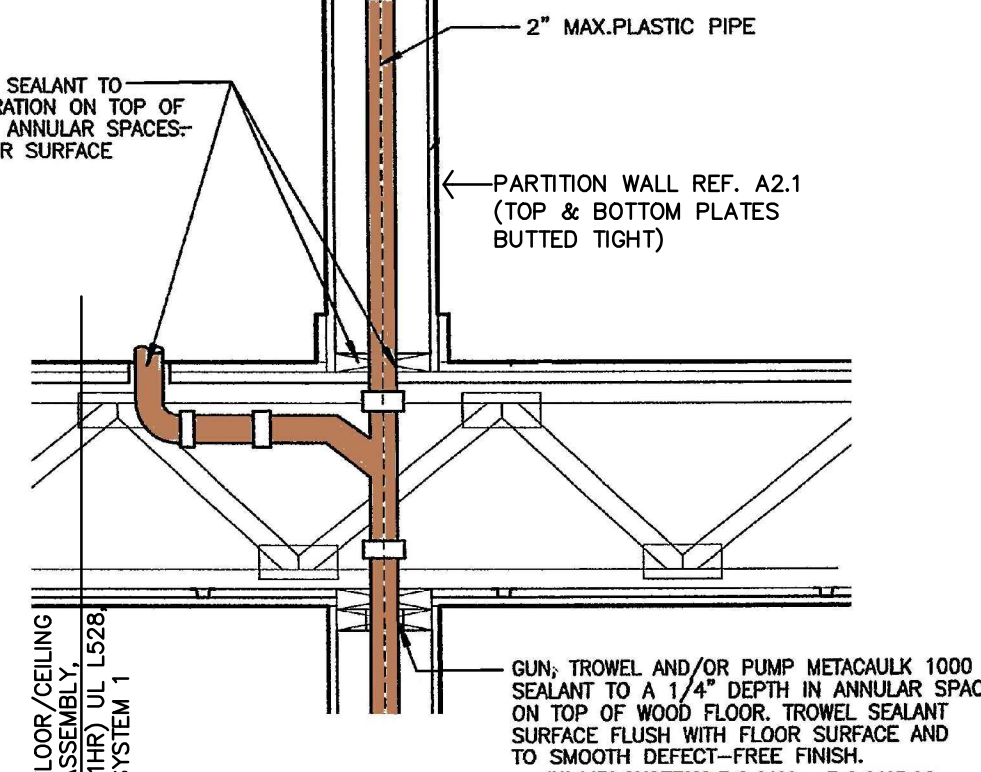
4 PENETRATION ASSEMBLY
NO SCALE



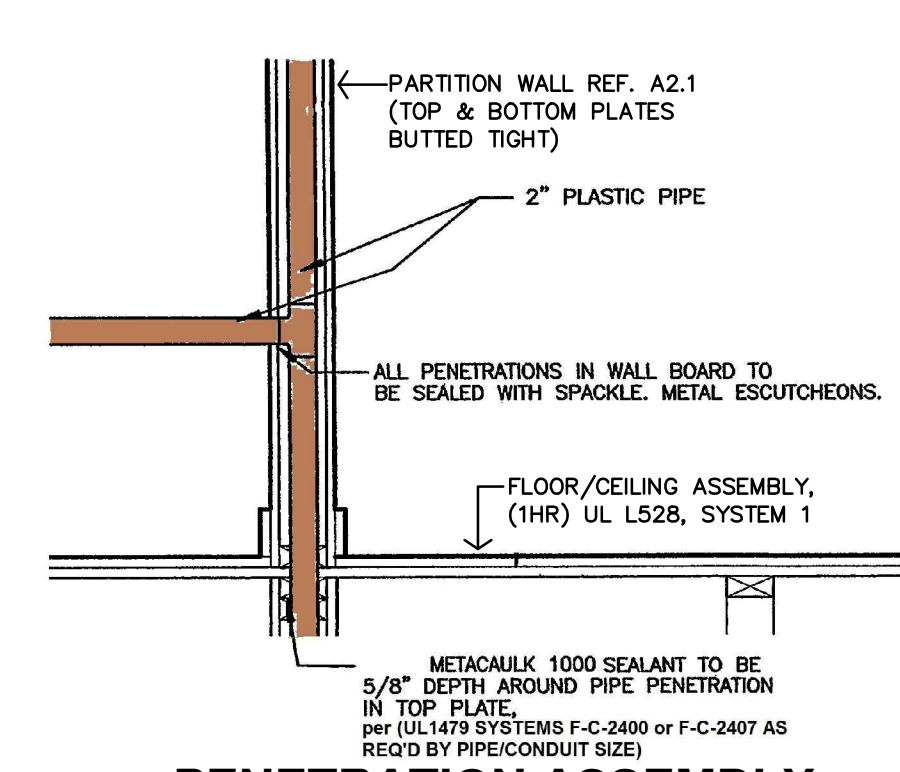
5 PENETRATION ASSEMBLY
NO SCALE



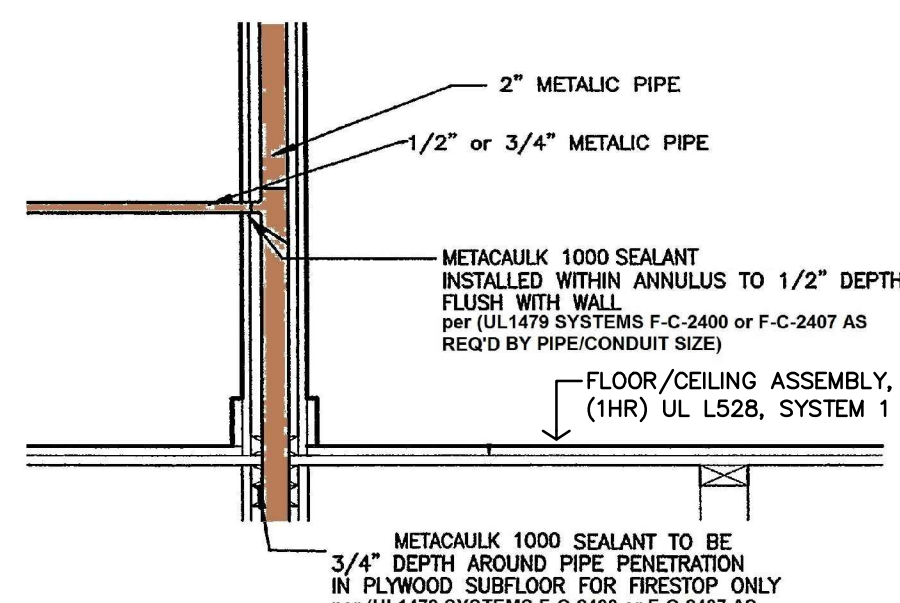
6 PENETRATION ASSEMBLY
NO SCALE



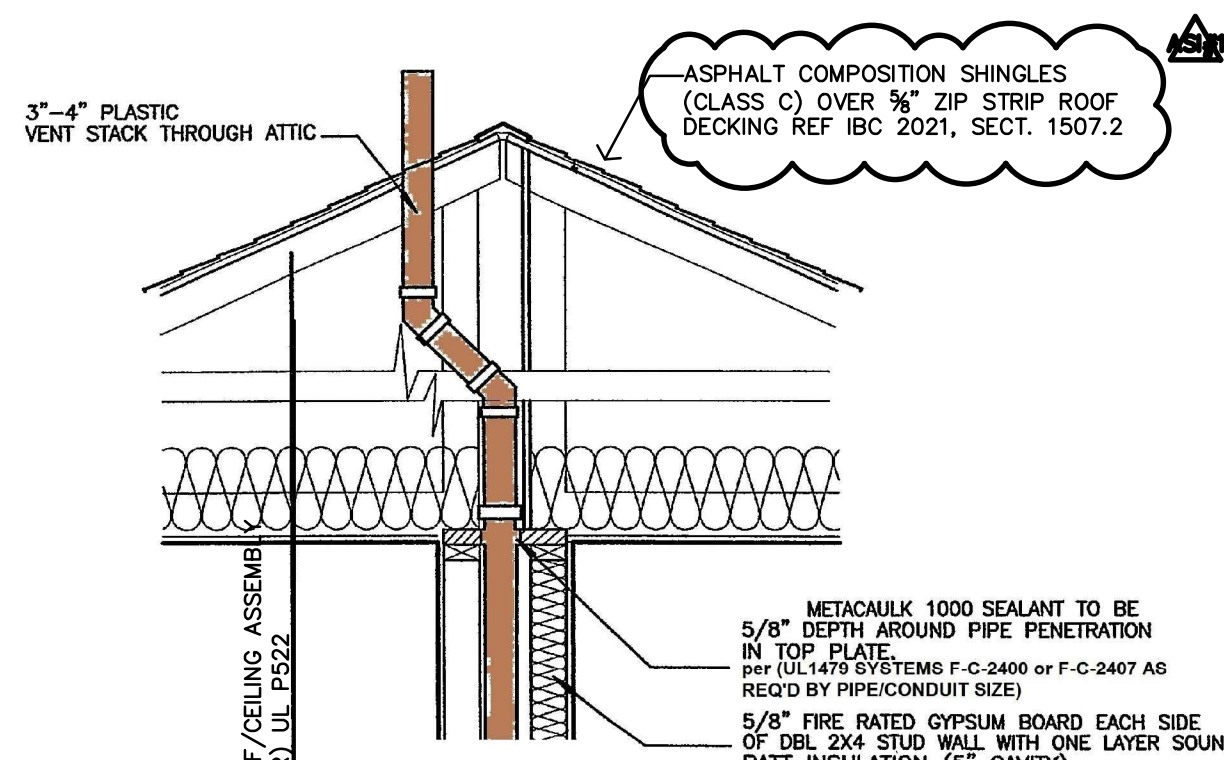
7 PENETRATION ASSEMBLY
NO SCALE



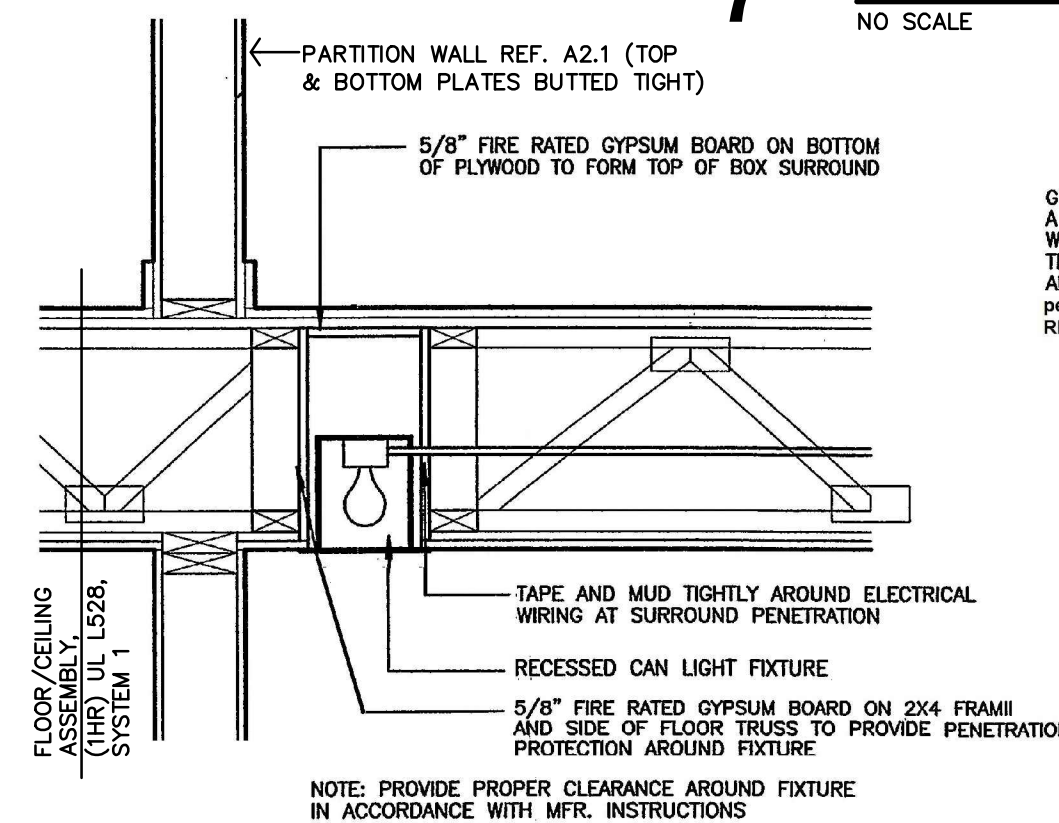
8 PENETRATION ASSEMBLY
NO SCALE



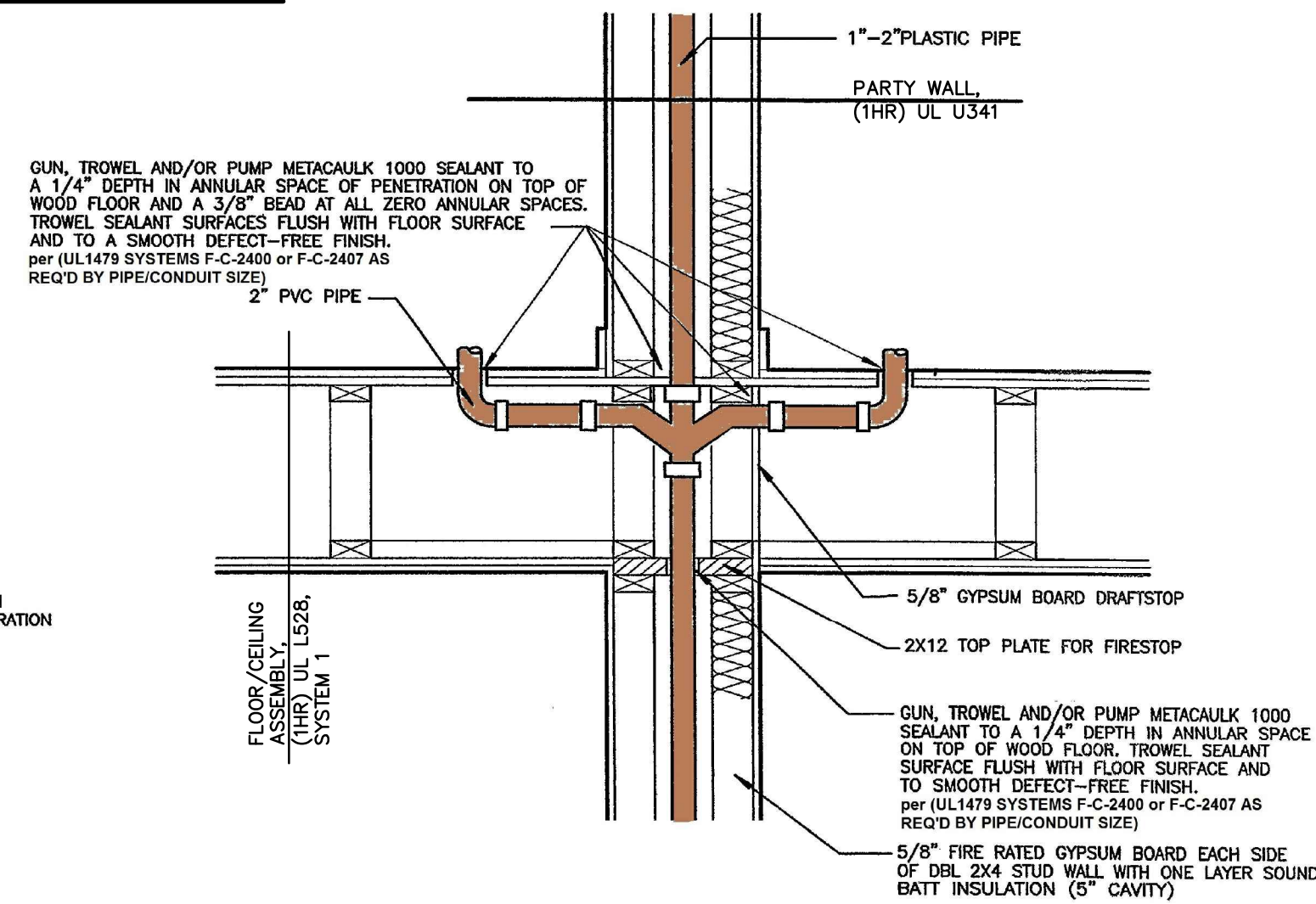
9 PENETRATION ASSEMBLY
NO SCALE



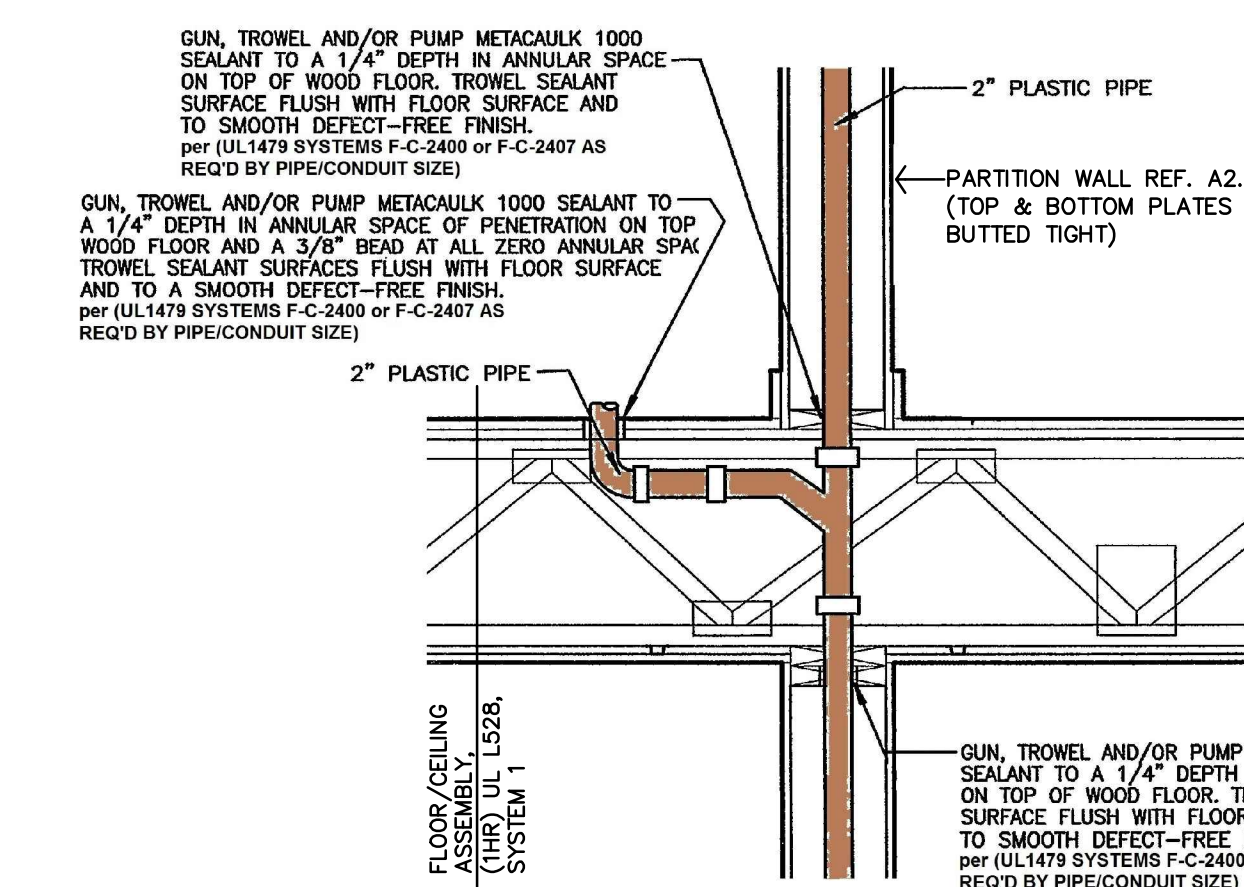
10 PENETRATION ASSEMBLY
NO SCALE



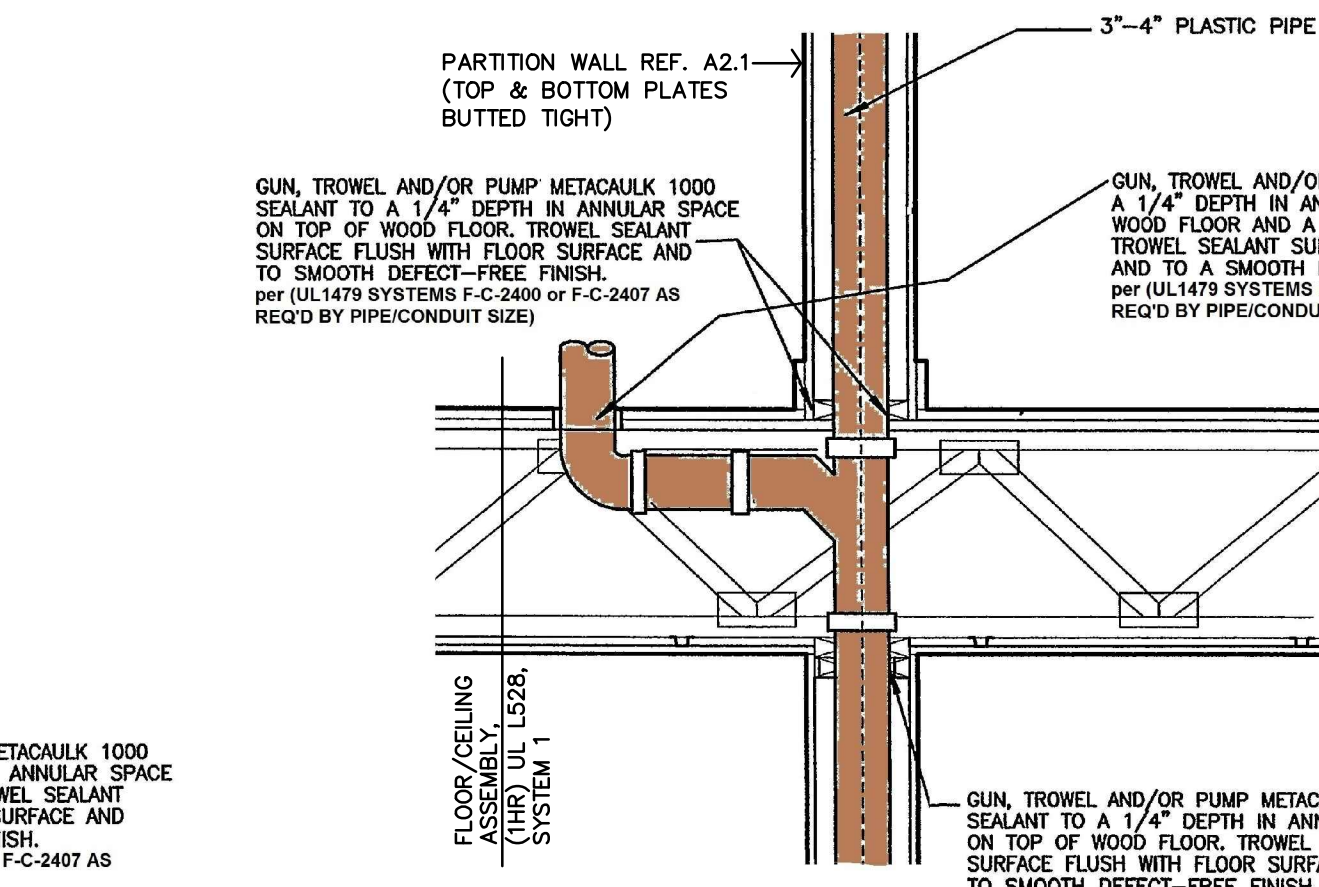
11 PENETRATION ASSEMBLY
NO SCALE



12 PENETRATION ASSEMBLY
NO SCALE

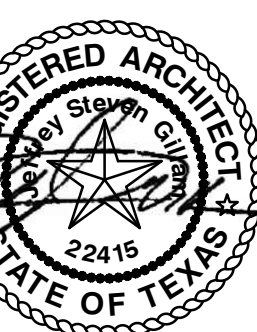


13 PENETRATION ASSEMBLY
NO SCALE



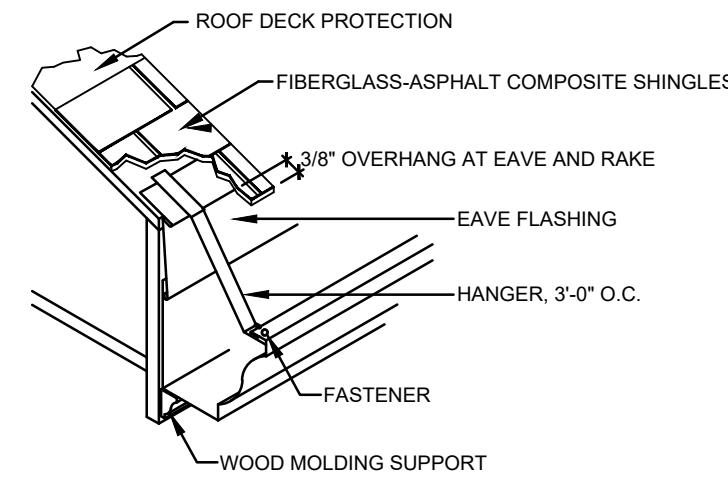
14 PENETRATION ASSEMBLY
NO SCALE

FIRE PENETRATION ASSEMBLIES
NOT TO SCALE

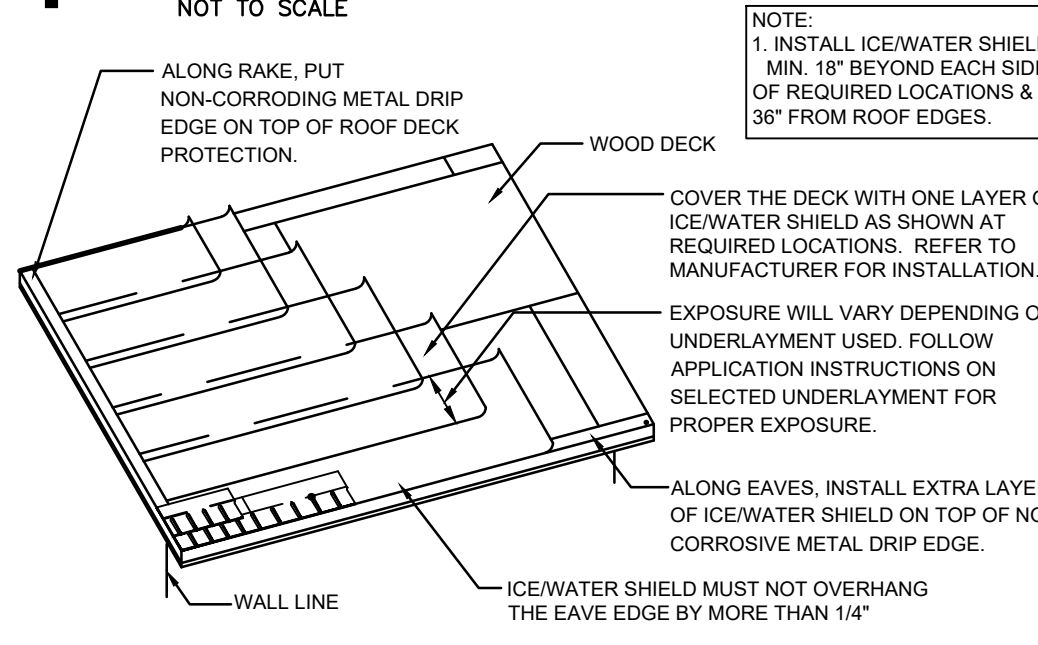


REVISION:
12-18-2024

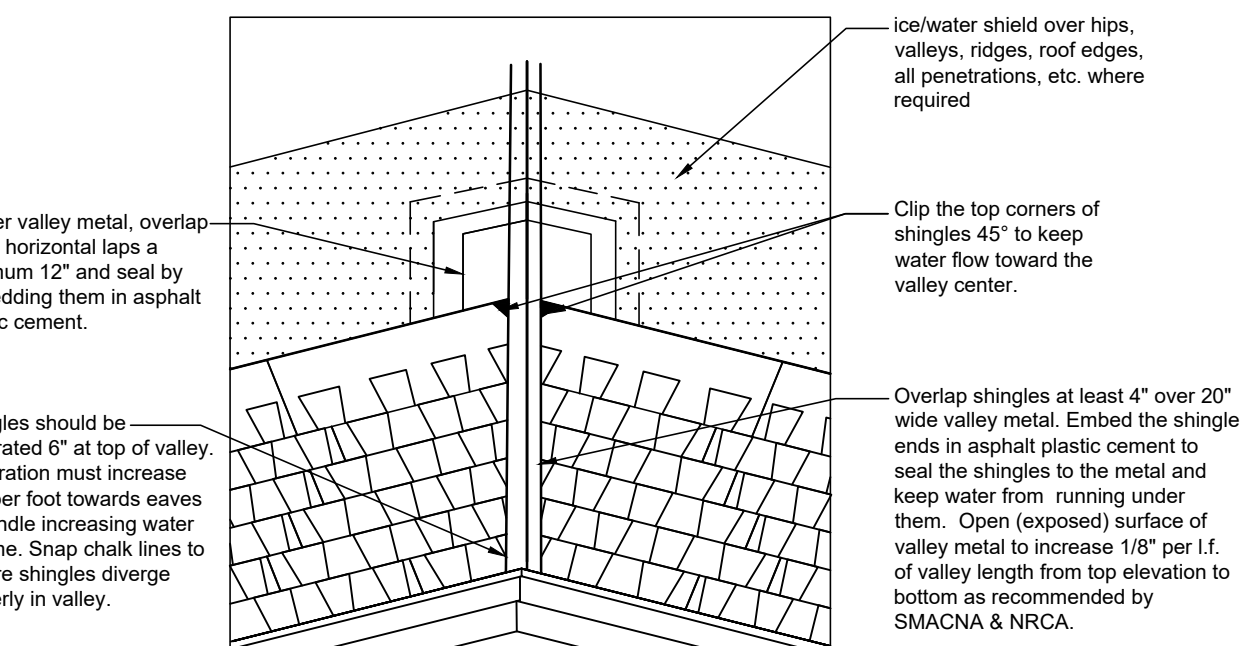
DATE: 11-22-2024
JOB: 24-3395
SHEET NO.:



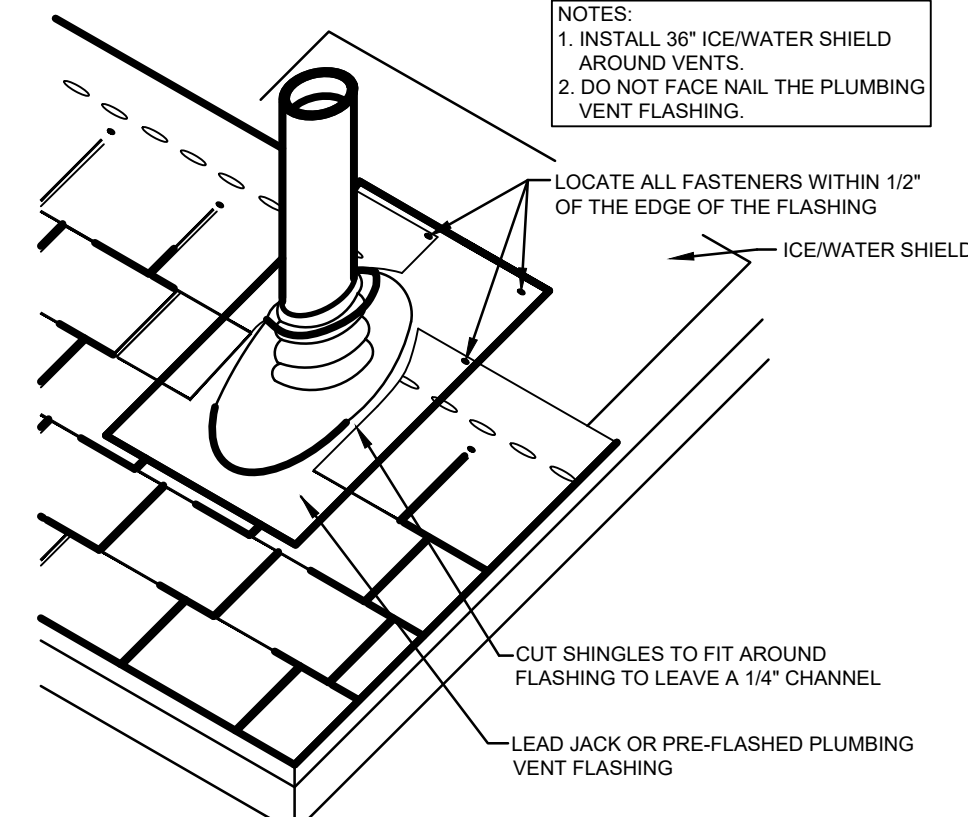
F GUTTER FASTENER DETAIL
NOT TO SCALE



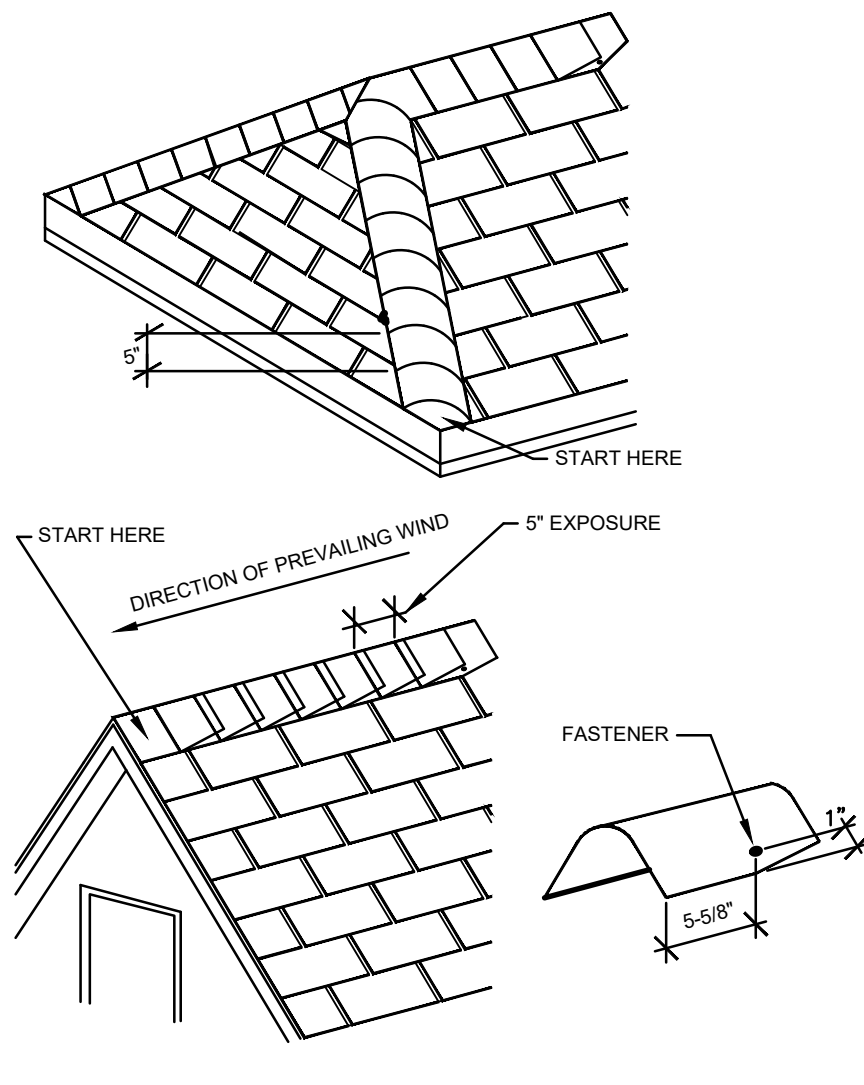
E UNDERLAYMENT LAYOUT DETAIL
NOT TO SCALE



D OPEN VALLEY DETAIL
NOT TO SCALE



C VENT FLASHING DETAIL
NOT TO SCALE



B HIP & RIDGE DETAILS
NOT TO SCALE

NOTES:
1. INSTALL 36\"/>

ROOF GENERAL NOTES

- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
- MANUFACTURER & INSTALLER SHALL BE RESPONSIBLE FOR TOTAL ROOF SYSTEM INCLUDING TRANSITIONS, FLASHINGS, ETC. TO MAINTAIN WATER TIGHT ROOF SYSTEM. SUBMIT MANUFACTURERS AND ROOFING SYSTEMS PER THE GENERAL CONDITIONS.
- MANUFACTURER SHALL WARRANT TOTAL ROOF SYSTEM.
- REF STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATIONS.
- PLUMBING VENT STACKS, FLUES, FRESH AIR INTAKES, ETC. NOT SHOWN FOR CLARITY. VERIFY LOCATION WITH MECHANICAL & PLUMBING DRAWINGS.
- CONTRACTOR SHALL TIE-IN AND COORDINATE WITH UNDERGROUND ROOF COLLECTOR, EACH DOWNSPOUT LOCATION. REFERENCE CIVIL DRAWINGS.
- INSTALL FIREBLOCKING, ANCHOR BOLTS AND ANY REQUIRED SHEAR WALL BLOCKING AS REQUIRED BY STRUCTURAL DRAWINGS.
- CAULK & SEAL WATERTIGHT ALL JOINTS & TRANSITIONS.
- ALL METAL MATERIALS (I.E. VALLEYS, FLASHINGS, ETC.) SHALL BE .0217\"/>

LOWER ROOF - DRAFTSTOPPING & ATTIC VENTILATION

DRAFTSTOPPING IS NOT REQUIRED, PER IBC 2021 SECTION 718.4. AREA IS LESS THAN 3,000 SF. ATTIC VENTILATION PER IBC 2021, SECTION 1202.2 (EXCEPTION 2), 1/300 WITH ASTM 396 VAPOR BARRIER RIDGE VENT SHALL PROVIDE A MIN. OF 18 SQUARE INCHES OF NET FREE AREA, (NFA) OF VENTILATION PER LINEAR FOOT, OR ADDITIONAL AND OPTIONAL VENTS MUST BE INSTALLED.

AREA 1 (929 SF)
ATTIC AREA MUST PROVIDE (929/300 = 3.10/2 = 1.55 HIGH & LOW EACH) 1.55sf OF NET FREE AREA @ THE RIDGE & SOFFITS.

UPPER ROOF - DRAFTSTOPPING & ATTIC VENTILATION

DRAFTSTOPPING IS PROVIDED IN THE ATTIC SPACE ACCORDING TO 2021 IBC SECTIONS 708.4.2 & 718.4. DRAFTSTOPPING AREA CALCULATIONS SHOWN ON ROOF PLAN, THIS SHEET.

AREA 2 (1,597 SF)
ATTIC AREA MUST PROVIDE (376/150 = 10.65 (OF NET FREE AREA VENTILATION))

AREA 3 (1,188 SF)
ATTIC AREA MUST PROVIDE (1,181/150 = 7.92 (OF NET FREE AREA VENTILATION))

AREA 4 (840 SF)
ATTIC AREA MUST PROVIDE (840/150 = 5.60 (OF NET FREE AREA VENTILATION))

AREA 5 (1,426 SF)
ATTIC AREA MUST PROVIDE (1,426/150 = 9.51 (OF NET FREE AREA VENTILATION))

AREA 5 (1,416 SF)
ATTIC AREA MUST PROVIDE (1,416/150 = 9.44 (OF NET FREE AREA VENTILATION))

AREA 7 (822 SF)
ATTIC AREA MUST PROVIDE (822/150 = 5.48 (OF NET FREE AREA VENTILATION))

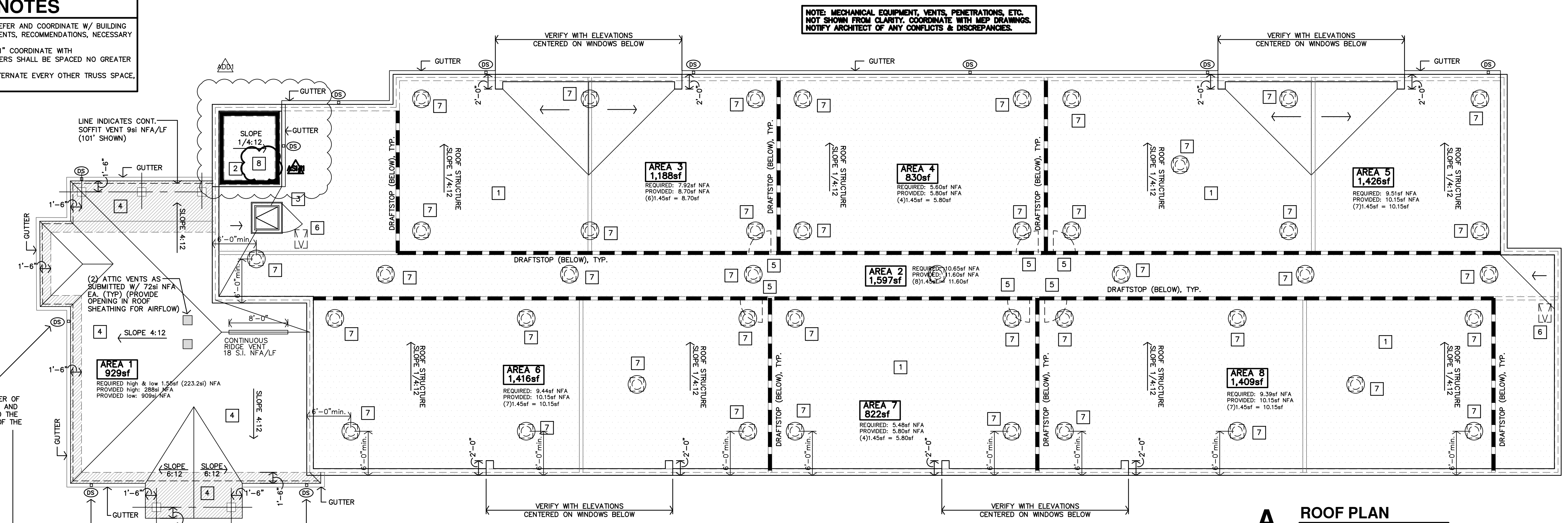
AREA 8 (1,409 SF)
ATTIC AREA MUST PROVIDE (1,409/150 = 9.39 (OF NET FREE AREA VENTILATION))

LEGEND

- INSTALL 60-MIL TPO ROOFING MEMBRANE OVER 1/2\"/>
 - INSTALL 60-MIL TPO ROOFING MEMBRANE OVER 1/2\"/>
 - LOCATION OF ROOF HATCH & SAFETY RAIL PER SPEC
 - INSTALL ASPHALT COMPOSITION SHINGLES OVER 30# FELT, 5/8\"/>
 - INSTALL DRAFTSTOP DOOR(S) PER IBC 2021, SECTION 718.4.1.1. REFERENCE DETAIL F-A4.4
 - INSTALL ATTIC ACCESS PER IBC 2021, SECTION 1209.2. REFERENCE DETAIL D-A4.4
 - INSTALL GRAVITY VENTILATOR, SIM. TO GREENHECK GRS-16-0D, (MUST HAVE 1.45 SF OF NFA OR GREATER)
 - ELEVATOR SHAFT: INSTALL 60-MIL TPO ROOFING MEMBRANE OVER 1/2\"/>
- INDICATES 60-MIL TPO ROOFING MATERIAL
- CEMENT BOARD SOFFIT OR HARDI BOARD (TYP)
- INDICATES LOCATION OF A PREFIN. 3x4 DOWNSPOUT
- MINIMUM GUTTER & DOWNSPOUT**
GUTTER - PREFIN, 4x5
DOWNSPOUT - PREFIN, 3x4

SHINGLE ROOFING DETAIL NOTES

- TYPICAL MANUFACTURER'S DETAILS ACTUAL CONDITIONS MAY VARY, REFER AND COORDINATE W/ BUILDING DETAILS PROVIDING THE MANUFACTURER'S MOST STRINGENT REQUIREMENTS, RECOMMENDATIONS, NECESSARY TO ACHIEVE COMPLETE WATERTIGHT WARRANTY.
- A WOOD NAILER IS REQUIRED WHEN INSULATION IS GREATER THAN 1\"/>
- SOFFIT TO ATTIC BAFFLES EACH TRUSS SPACE, UNLESS NOTED, ALTERNATE EVERY OTHER TRUSS SPACE, NFA TO MATCH SOFFIT VENTS



A ROOF PLAN
1/8\"/>

JGR
Jones Gillam Renz
1881 Main Street, Suite 301
Kansas City, MO 64108
jgr@jgarchitects.com

THE RESIDENCE AT GREEN MEADOW
NEW SENIOR-LIVING FACILITY
SAN ANGELO, TEXAS

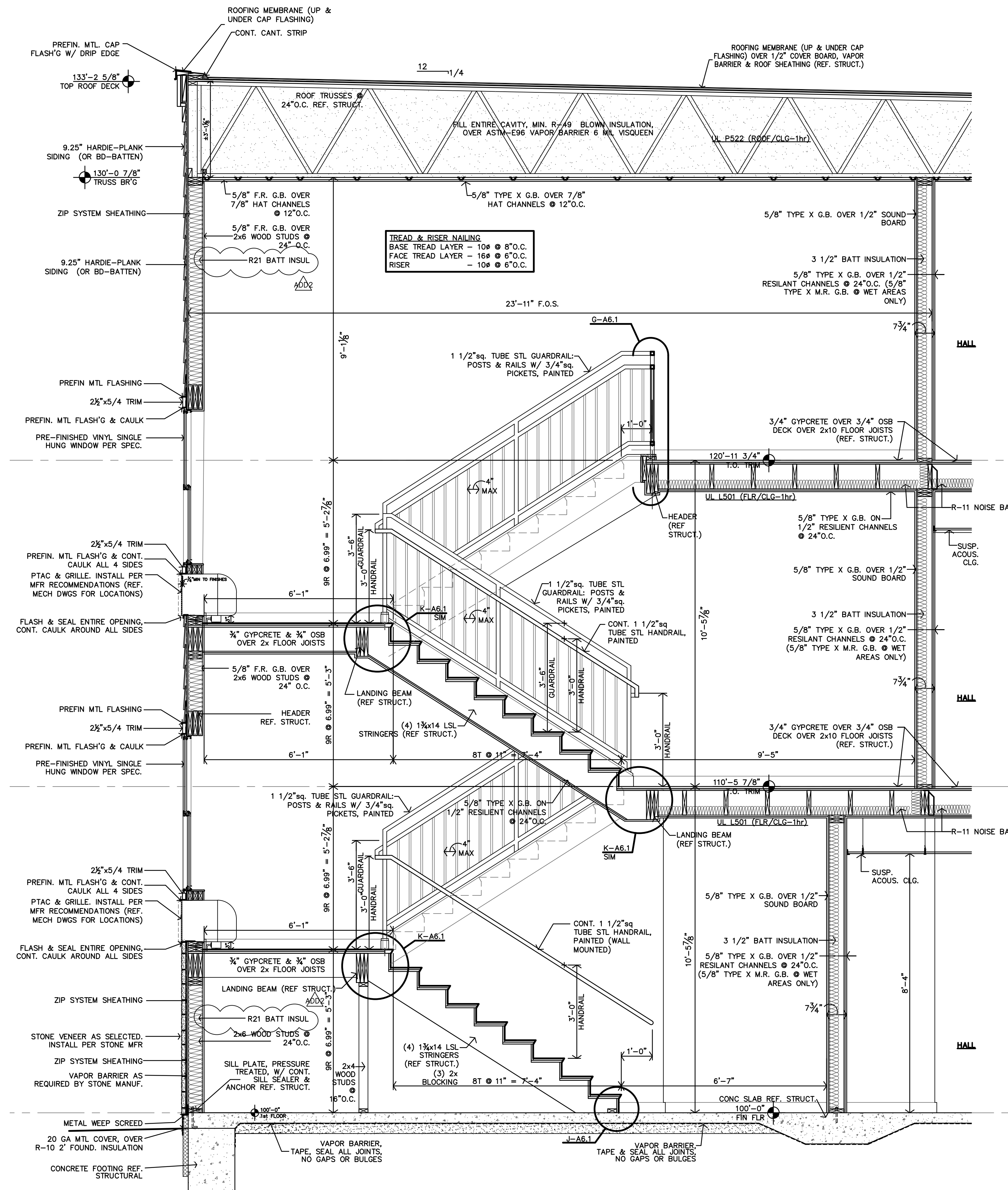


REVISION:
11-27-2024
12-18-2024

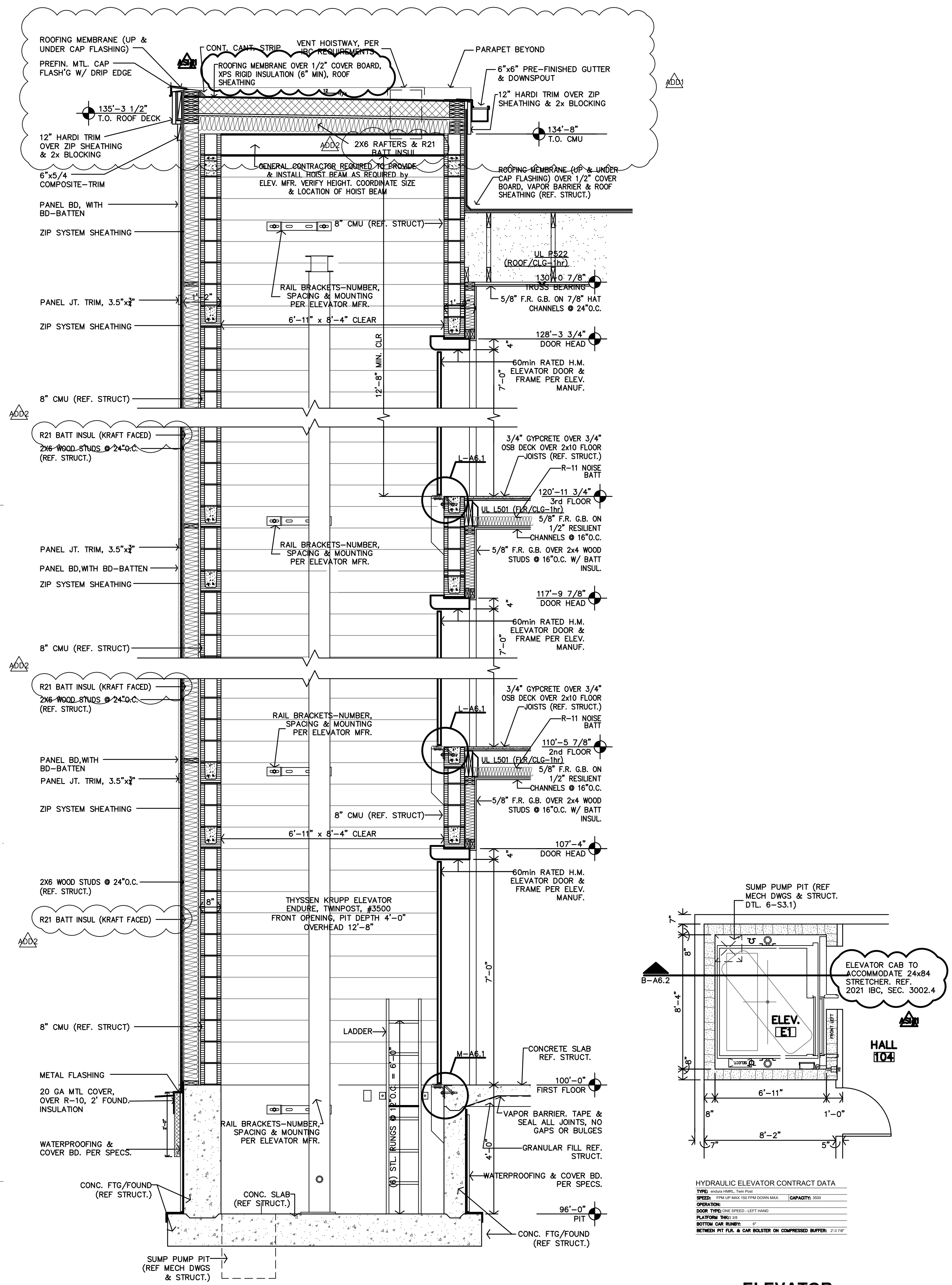
DATE: 11-22-2024
JOB: 24-3395
SHEET NO.:

A5.1

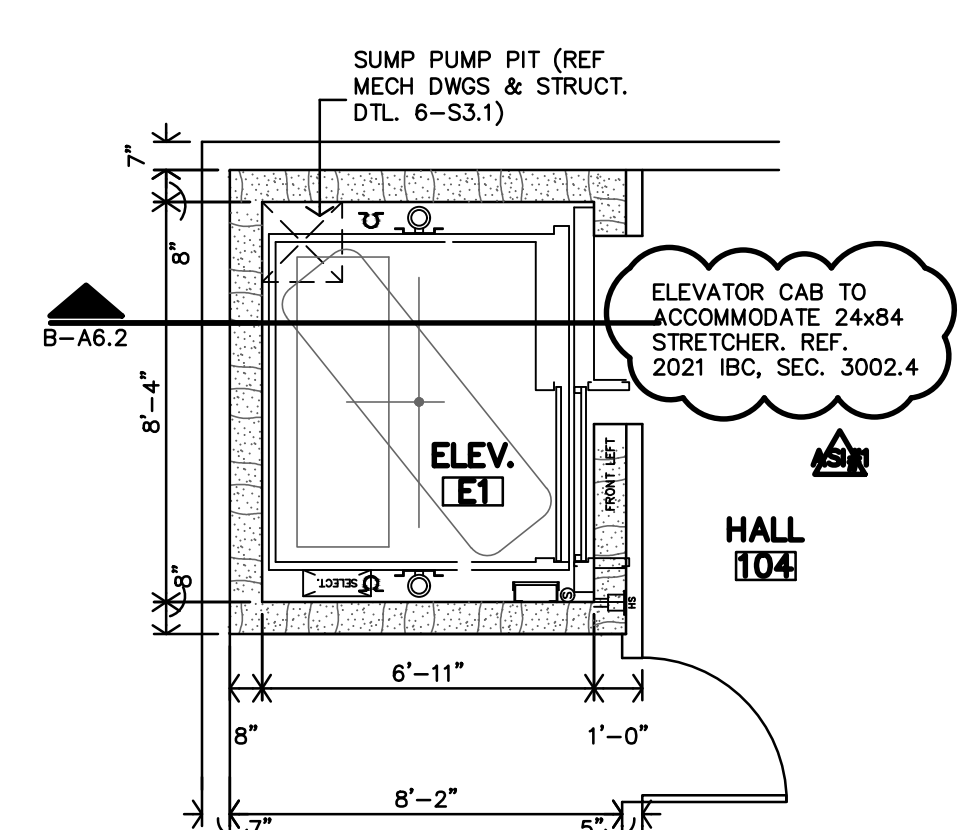
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C STAIR S2 SECTION
1/2"=1'-0"



B ELEVATOR SECTION
1/2"=1'-0"



HYDRAULIC ELEVATOR CONTRACT DATA

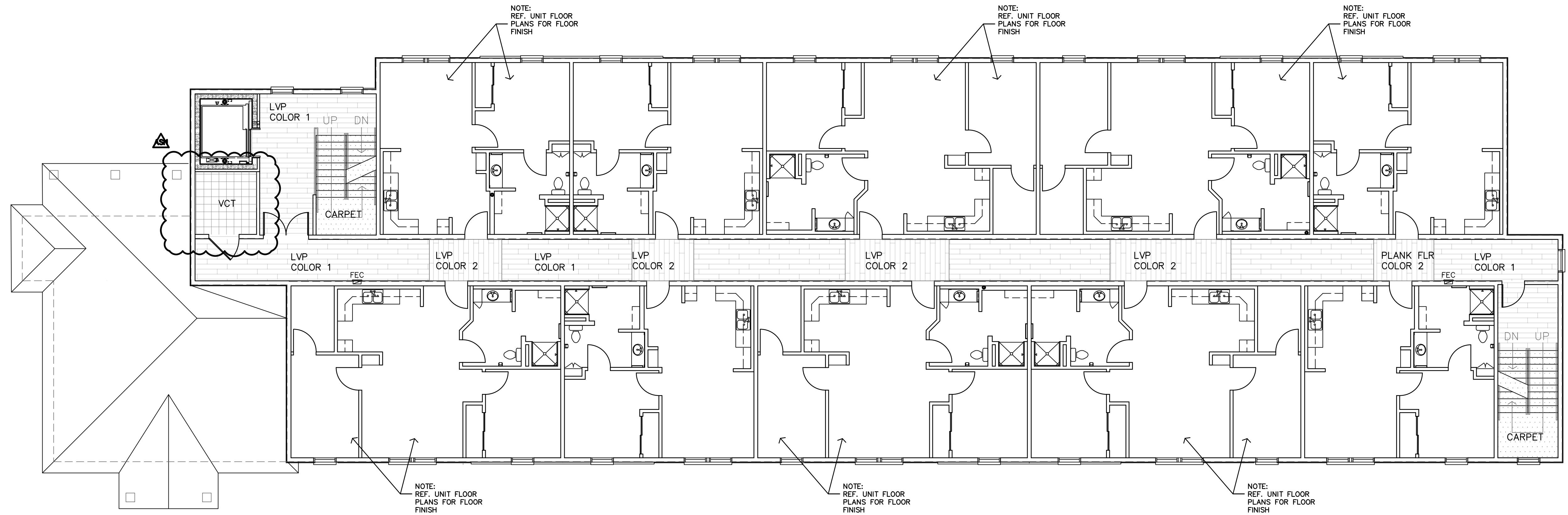
TYPE:	HYDRAULIC	TYPE:	HYDRAULIC
SPEED:	100 FPM	OPERATION:	COMPOSITE
DOOR TYPE:	LEFT HAND	DOOR TYPE:	LEFT HAND
PLATFORM:	NO	PLATFORM:	NO
SECTION:	NO	SECTION:	NO
SECTION:	NO	SECTION:	NO

REVISION:	
ADD	11-27-2024
ADD	12-6-2024
ADD	12-18-2024
DATE:	11-22-2024
JOB:	24-3395
SHEET NO.:	

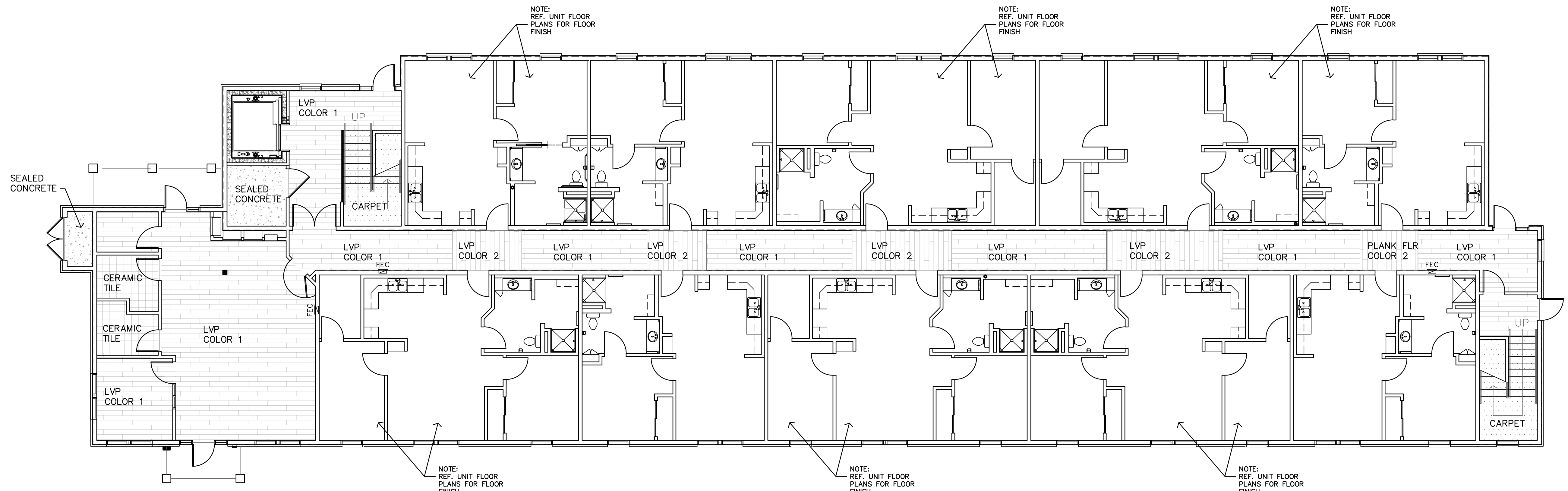
A ELEVATOR SECTION
1/4"=1'-0"



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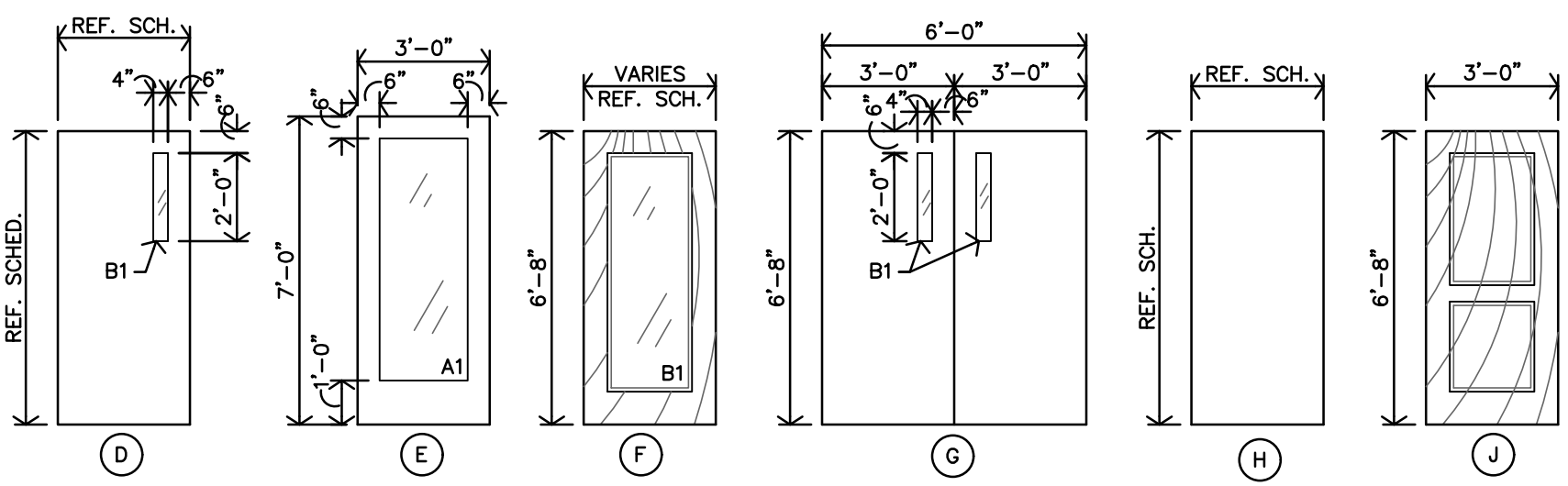
B FINISHED SECOND/THIRD FLOOR PLAN
 1/8" = 1'-0" 9,207 SF



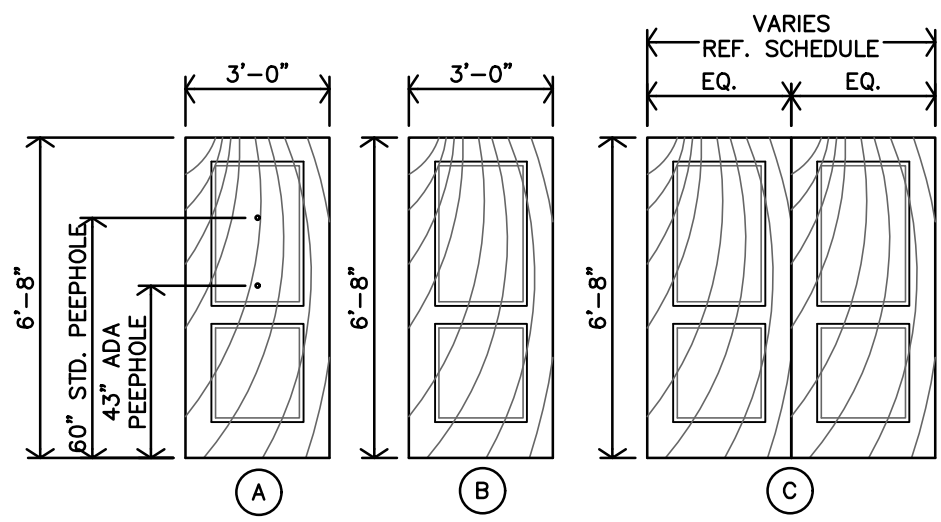
A FINISHED FIRST FLOOR PLAN
 1/8" = 1'-0" 10,116 SF



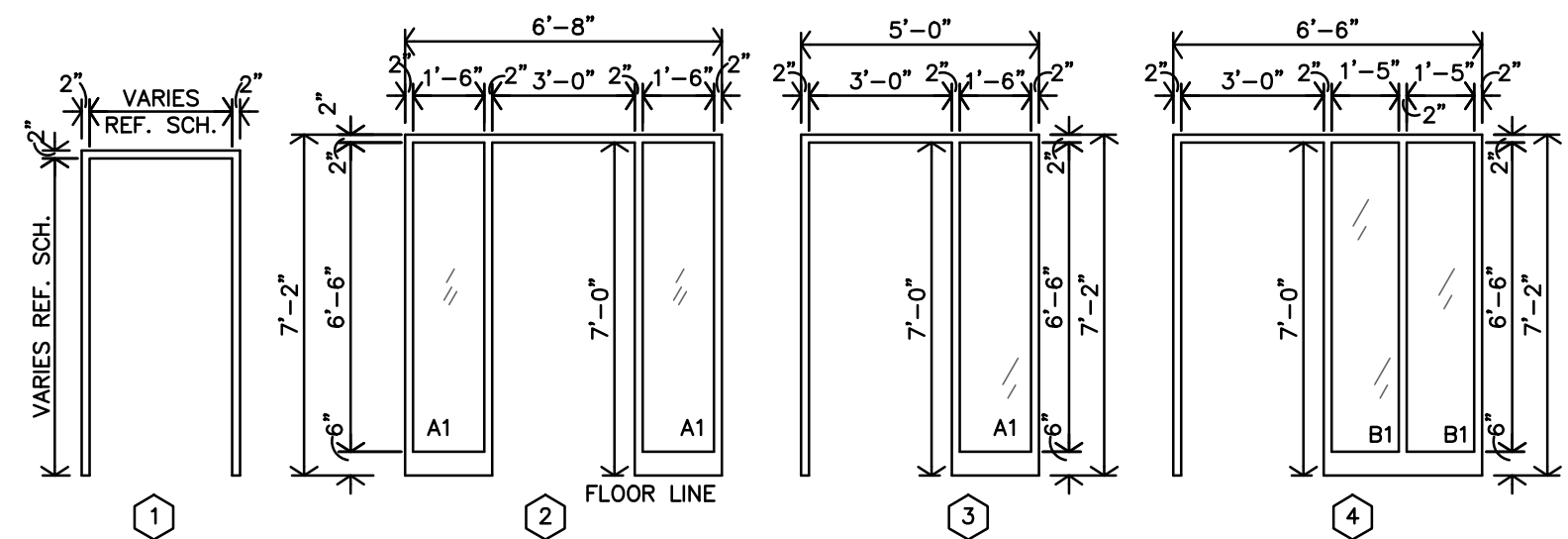
REVISION:	12-18-24
DATE:	11-22-2024
JOB:	24-3395
SHEET NO.:	



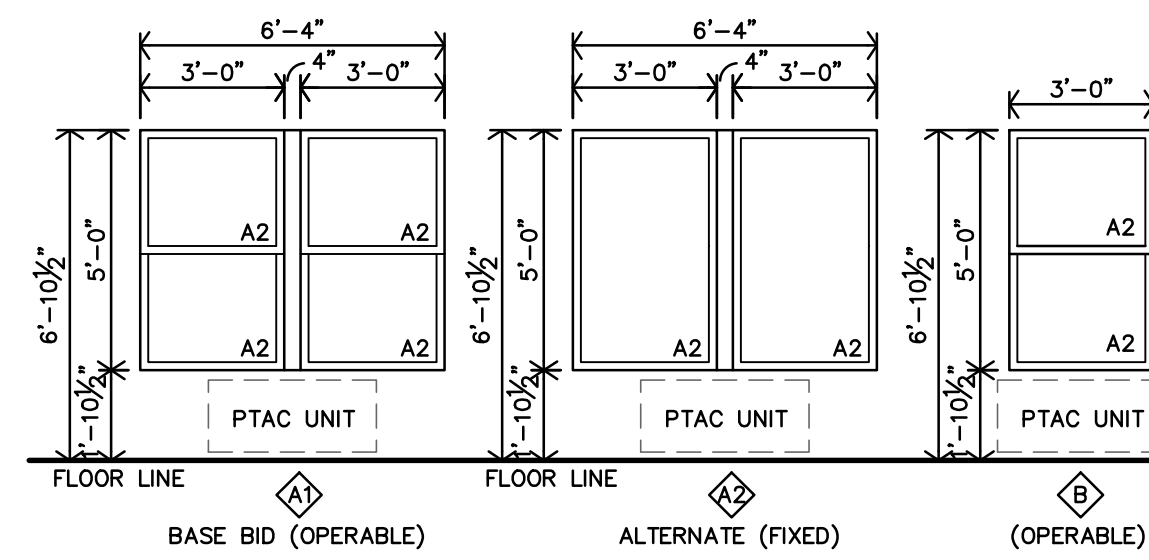
D PUBLIC DOOR TYPES
1/4"=1'-0"



C UNIT DOOR TYPES
1/4"=1'-0"



B DOOR FRAME TYPES
1/4"=1'-0"



A WINDOW TYPES
1/4"=1'-0"

PUBLIC DOOR SCHEDULE															
MARK	DOOR					FRAME					RATING	DETAILS	REMARKS/NOTES		
	SIZE			MATERIAL	TYPE	FINISH	MATERIAL			TYPE				FINISH	
	W	H	T				ALUMINUM HOLLOW METAL	ALUMINUM HOLLOW METAL	ALUMINUM HOLLOW METAL						
FIRST FLOOR															
101	3'-0"	7'-0"	1 3/4"	●									60min	A/B/C/D/E-A10.2	4, 5
102	3'-0"	7'-0"	1 3/4"	●										A/B/C/D/E-A10.2	4, 4
103	3'-0"	7'-0"	1 3/4"	●										A/B/C/D/E-A10.2	4, 4
104	3'-0"	7'-0"	1 3/4"	●										A/B/C/D/E-A10.2	4, 4
105	3'-0"	6'-8"	1 3/4"	●									60min	Q/P-A10.2	3
106	3'-0"	7'-0"	1 3/4"	●										F/G/H-A10.2	4
107	3'-0"	6'-8"	1 3/4"	●										J/K-A10.2	4
108	3'-0"	6'-8"	1 3/4"	●										J/K-A10.2	4
109	3'-0"	6'-8"	1 3/4"	●										J/K-A10.2	4
110	3'-0"	6'-8"	1 3/4"	●										J/K-A10.2	1, 3
111	3'-0"	6'-8"	1 3/4"	●									45min	J/K-A10.2	1, 3
112	PR3'-0"	6'-8"	1 3/4"	●									60min	Q/R-A10.2	3
113	4'-0"	6'-8"	1 3/4"	●									60min	J/K-A10.2	3
114	PR3'-0"	7'-0"	1 3/4"	●										F/G/H-A10.2	4
SECOND FLOOR															
201	4'-0"	6'-8"	1 3/4"	●									60min	Q/R-A10.2	3
202	PR3'-0"	6'-8"	1 3/4"	●									60min	Q/R-A10.2	1, 3
203	3'-0"	6'-8"	1 3/4"	●									60min	Q/R-A10.2	3
THIRD FLOOR															
301	4'-0"	6'-8"	1 3/4"	●									60min	Q/R-A10.2	3
302	PR3'-0"	6'-8"	1 3/4"	●									60min	Q/R-A10.2	1, 3
303	3'-0"	6'-8"	1 3/4"	●									60min	Q/R-A10.2	3
ELEVATOR															
E1	3'-6"	7'-0"											60min		REF. SHT. A6.4
E2	3'-6"	7'-0"											60min		REF. SHT. A6.4
E3	3'-6"	7'-0"											60min		REF. SHT. A6.4

UNIT DOOR SCHEDULE - 30 UNITS - REF. SHEET A2.3																
MARK	DOOR					FRAME					RATING	DETAILS	REMARKS	LOCATION		
	SIZE			MATERIAL	TYPE	FINISH	MATERIAL			TYPE					FINISH	
	W	H	T				S.C. WOOD PANEL	H.C. WOOD PANEL	L.C. WOOD LOUVER							BI-FOLD
1	3'-0"	6'-8"	1 3/4"	●									20min	Q/R-A10.2	2, 3, 4	ENTRY
2	3'-0"	6'-8"	1 3/4"	●										S/T-A10.2	1	BEDROOM
3	3'-0"	6'-8"	1 3/4"	●										S/T-A10.2	5	BATH
4	3'-0"	6'-8"	1 3/4"	●										S/T-A10.2	1	BATH
5	3'-0"	6'-8"	1 3/4"	●										S/T-A10.2	5	CLOSET
6	(2)2'-6"	6'-8"	1 3/4"	●										U/V-A10.2	6	CLOSET
7	(2)3'-0"	6'-8"	1 3/4"	●										U/V-A10.2	6	CLOSET

- GENERAL NOTES:**
- ALL DOOR HARDWARE SHALL BE LEVER TYPE LATCH SETS UNLESS NOTED OTHERWISE PROVIDED & INSTALLED PER SPECIFICATIONS SECTION 8710
 - COORDINATE W/ MFR. FOR ADA INSTALLATION REQUIREMENTS. COORDINATE KEYING REQUIREMENTS WITH OWNER.
 - UNDERCUT DOORS PER MECH DWGS.
 - CONTRACTOR TO REVIEW AND ENSURE THE FOLLOWING ITEMS AND STATUTES HAVE BEEN MET AS WELL
 - <https://codes.lp.findlaw.com/textstatutes/PR/8/92/D/92.153>
- SPECIFIC NOTES:**
- BEDROOM & BATH DOOR - HARDWARE TO BE PRIVACY LEVER TYPE LATCH SET.
 - ENTRY DOOR - HARDWARE TO BE LEVER TYPE LATCH SETS, KEYS OUTSIDE, RELEASE INSIDE AND DEADBOLT W/ THUMB TURN INSIDE. DEADBOLT SHALL HAVE NO KEY OUTSIDE, W/ 1" MIN THROW. COORDINATE W/ MFR. FOR ADA INSTALLATION REQUIREMENTS. COORDINATE KEYING REQUIREMENTS WITH OWNER.
 - ENTRY DOOR - 180° PEEP HOLES AT ADAPTABLE UNITS: (1) PEEP HOLE TO BE INSTALLED @ 60" AFF. & 60" AFF.
 - ENTRY DOOR - 180° PEEP HOLES AT ACCESSIBLE UNITS: (2) PEEP HOLES TO BE INSTALLED @ 43" AFF & 60" AFF.
 - POCKET DOOR - 32" MIN CLEAR OPENING, W/ ADA COMPLIANT HANDLE SIMILAR TO TRIMCO SERIES 1069.
 - BI-PASS/BI-FOLD DOORS - VERIFY OPENING W/ SIZE OF DOOR HARDWARE. PROVIDE FINGER PULLS ON BOTH DOORS.

PUBLIC FINISH SCHEDULE															
NO.	DESCRIPTION	FINISHES & INSTRUCTIONS													REMARKS
		FINISHES & INSTRUCTIONS													
		P LATEX ENAMEL VP VINYL PLANK FLR'G TILE CT CERAMIC TILE FP FIBERGLAS REINF. PANEL C CARPET VT VINYL TILE ST STAIN & SEAL TX TEXTURE C1 COMMERCIAL CARPET SC SEALED CONCRETE GT GLUE-UP TILE													
	FLOOR			BASE		N. WALL	E. WALL	S. WALL		W. WALL	CEILING				
	CARPET	CERAMIC TILE	VINYL PLANK FLR'G TILE	WOOD	CERAMIC TILE	NONE	5/8" FIRE RATED G.B.	CERAMIC WALL TILE	5/8" FIRE RATED G.B.	CERAMIC WALL TILE	5/8" FIRE RATED G.B.	CERAMIC WALL TILE		2x2 SUSPENDED	5/8" FIRE RATED G.B.
FIRST FLOOR															
101	COMMUNITY ROOM		VP		P	P	P	P	P	P	P	P	P	1, 4, 5	
102	OFFICE		VP		P	P	P	P	P	P	P	P	P	4	
103	MEN	CT				CT									
104	WOMEN	CT				CT									
106	STORAGE		VP		P	P	P	P	P	P	P	P	P		
107	FIRE SPRINKLER				SC	RB									
108	MECH				SC	RB								3	
109	HALL		VP		P	P	P	P	P	P	P	P	P	1, 6	
SECOND FLOOR															
201	MECH				VCT		RB							1, 6	
202	HALL		VP		P	P	P	P	P	P	P	P	P	1, 6	
THIRD FLOOR															
301	MECH				VCT		RB							1, 6	
302	HALL		VP		P	P	P	P	P	P	P	P	P	1, 6	
STAIR & ELEVATOR															
E1	ELEVATOR		VP												
S1	STAIR	C	VP		P	P	P	P	P	P	P	P	P	2, 7	
S2	STAIR	C	VP		P	P	P	P	P	P	P	P	P	2, 7	

FINISH SCHEDULE NOTES

GENERAL NOTES:

- INSTALL VINYL, RUBBER, OR ALUMINUM TRANSITION STRIP BETWEEN FLOOR MATERIAL OF DIFFERING HEIGHTS, INCLUDING BUT NOT LIMITED TO CONCRETE/VCT TRANSITIONS.
- ALL GYPSUM BOARD AREAS WHICH ARE ACCESSORIES TO THE ROOM INCLUDING BUT NOT LIMITED TO SOFFITS, BULKHEADS, TRIM, ETC. SHALL BE PAINTED REGARDLESS OF WHETHER IT IS SPECIFICALLY INDICATED PER SCHEDULE.
- ALL G.B. WALLS & PERMANENT PARTITIONS SHALL RECEIVE RUBBER BASE UNLESS NOTED OTHERWISE.
- WALL TYPE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL COORDINATE WALL MATERIAL W/ DRAWINGS AND FIELD CONDITIONS. ALL AREAS INDICATED TO RECEIVE NEW FINISH SHALL RECEIVE COMPLETE FINISH AS SCHEDULED AT ENTIRE ROOM. CONTRACTOR SHALL COORDINATE FINISHES AND ACCENTS WITH DETAILS AND INTERIOR ELEVATIONS.
- FLOORING CONTRACTOR SHALL VERIFY THAT SUBFLOOR IS LEVEL AND PROPERLY PREPPED PRIOR TO INSTALLATION OF ANY FLOORING MATERIALS. CONTRACTOR SHALL VERIFY THAT FLOORS ARE PREPPED (FLOORSTONED) FOR LEVEL TRANSITION BETWEEN DIFFERING MATERIALS.
- INSTALL PAINTABLE SILICONE SEALANT AT ALL G.B. TO CMU AND G.B. TO CONCRETE WALL TRANSITIONS.
- ALL CONTROL JOINTS AT EXPOSED CONCRETE FLOORS SHALL RECEIVE SEALANT COMPATIBLE W/ FLOOR SEALER.
- ALL H.M. DOORS & FRAMES TO BE PAINTED W/ INDUSTRIAL ENAMEL UNLESS NOTED OTHERWISE. H.M. DOORS AND FRAMES SHALL BE SANDED SMOOTH PRIOR TO PAINTING. SPRAY FINISH ONLY. NO BRUSH FINISH. CONTRACTOR SHALL
- COORDINATE WITH INTERIOR ELEVATIONS, FLOOR PLANS AND MISCELLANEOUS DETAILS TO VERIFY ALL AESTHETIC ACCENTS AND DETAILS.
- REFERENCE INTERIOR ELEVATIONS, WALL SECTIONS AND DETAILS FOR WOOD BASE AND TRIM LOCATIONS.
- LEVEL 4 FINISH AND ORANGE PEEL TEXTURES ON ALL WALLS AND CEILING.

SPECIFIC NOTES:

- REFERENCE REFLECTED CEILING PLAN, COORDINATE LOCATION OF CEILING ACCENTS.
- CARPET AT ALL LANDINGS. INSTALL RUBBER STAIR NOSING AT EACH RISER. EXTEND CARPET UP THE RISER BEHIND THE NOSING.
- INSTALL FRP PANEL TO 4'-0" ABOVE MOP SINK AND EXTEND 1'-0" MINIMUM BEYOND EDGES OF SINK; CLASS "A" FIRE RESISTIVE MATERIAL.
- MULTIPLE WALL PAINT COLORS.
- CERAMIC WALL TILE BEHIND DRINKING FOUNTAINS. REFERENCE INTERIOR ELEVATIONS.
- FLOORING: MULTIPLE COLORS TO BE INSTALLED. REFERENCE FINISH FLOOR PLANS ON SHEET A9.1
- STAIRS: LANDINGS AT EACH FLOOR: 1ST, 2ND AND 3RD FLOOR TO BE LVP FLOORING. REFERENCE SHEET A9.1. INTERMEDIATE LANDINGS ARE TO BE CARPET, SIMILAR TO STAIR RISERS/TREADS.

GLAZING SCHEDULE					
MARK	INTERIOR	EXTERIOR	1/4"	1"	TEMPERED
A1	●	●	●	●	●
A2	●	●	●	●	●
B1	●	●	●	●	●
B2	●	●	●	●	●

WINDOW SCHEDULE								
MARK	WIDTH	HEIGHT	STYLE	QUANTITY	INTERIOR	EXTERIOR	DETAILS	REMARKS
A1	6'-4"	5'-0"	VINYL - SINGLE/DBL HUNG	33	●		L/M/N/W-A10.2	1
A2	6'-4"	5'-0"	VINYL - PICTURE/FIXED	33	●		L/M/N/W-A10.2	1
B1	3'-0"	5'-0"	VINYL - SINGLE/DBL HUNG	55	●		L/M/N/W-A10.2	

NOTES:

- CONTRACTOR MUST INSTALL MTL. FLASHINGS & CONT. CAULK FOR A WEATHER & WATERTIGHT CONDITIONS @ ALL EXTERIOR WINDOW UNITS.
- CONTRACTOR MUST INSTALL 1/4" INSUL. OR THERMAL BREAK. CONTINUOUS AROUND WINDOW.
- CONTRACTOR TO PROVIDE & INSTALL MANUFACTURERS COORDINATING PANNING SYSTEM FOR ALUM. WINDOWS.
- WINDOWS A & B MUST BE SIZED TO MEET EGRESS REQUIREMENTS.
- ALL SECOND FLOOR WINDOWS AND OPERABLE WINDOWS @ ME SLO 6'-0" ABOVE GRADE, SHALL BE PROVIDE W/ WINDOW OPENING CONTROL DEVICE PER ASTM 2040 & 2021 IBC SEC. 1015.8.1
- PROVIDE & INSTALL SAFETY GLASS AT HAZARDOUS LOCATIONS, PER 2021 IBC CODE 2406. IN DOORS, ADJACENT & WITHIN 24" TO DOORS, LESS THAN 18" ABOVE FLOOR, IN GUARDS & HANDRAILS, ADJACENT TO STAIRS AND RAMPS. STAIRS AND RAMPS.
- EMERGENCY ESCAPE & RESCUE: PER 2021 IBC SEC. 1030. 20"W X 24"H MIN. OPENINGS, 5.7' MIN. AREA (ALSO REF. 1030.4)
- WINDOWS LOCATED WITHIN ACCESSIBLE UNITS (#111 & #303) SHALL BE EQUIPPED WITH LOCKING MECHANISMS AND OPERATIONAL DEVICES THAT ARE LOCATED ON THE BOTTOM HALF OF THE WINDOW (WITHIN 48" A.F.F.)

SPECIFIC NOTES:

- A1 IS CONSIDERED A BASE BID ITEM, WITH OPERABLE WINDOWS. A2 IS CONSIDERED AN ALTERNATE BID ITEM, WITH FIXED WINDOWS.

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THE RESIDENCE AT GREEN MEADOW
NEW SENIOR-LIVING FACILITY
SAN ANGELO, TEXAS

REGISTERED ARCHITECT
STATE OF TEXAS
22415

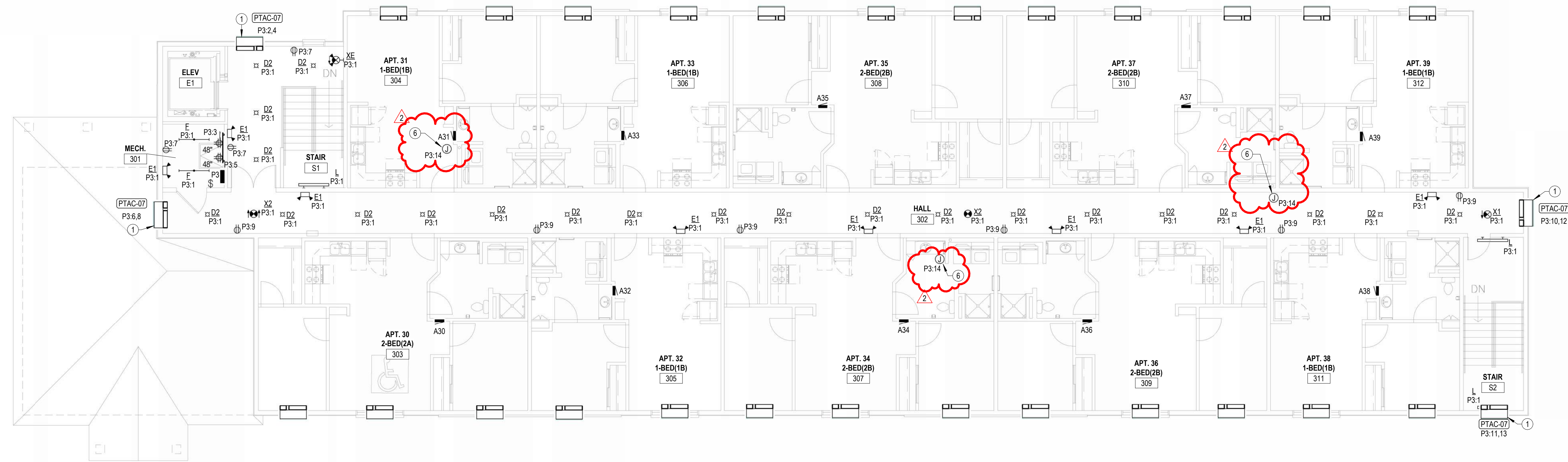
REVISION:
12-18-2024

DATE: 11-22-2024
JOB: 24-3395
SHEET NO.:

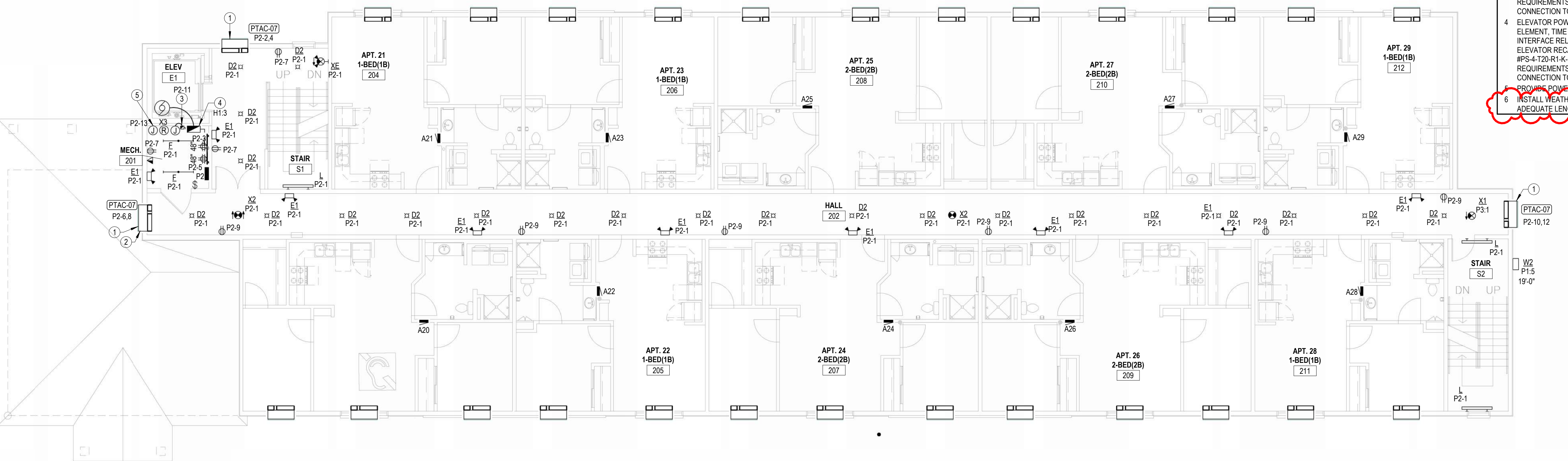
A10.1

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PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF 2021 IECC
 NOTE: OUTLET BOXES ON EXTERIOR WALL SHALL BE AIR-TIGHT
 BOXES PER SECTION 402.6

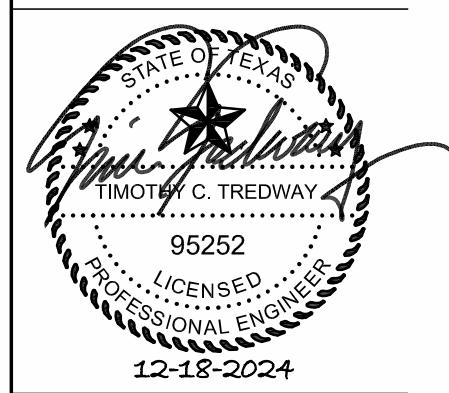


2 THIRD FLOOR ELECTRICAL PLAN
 1/8" = 1'-0"



1 SECOND FLOOR ELECTRICAL PLAN
 1/8" = 1'-0"

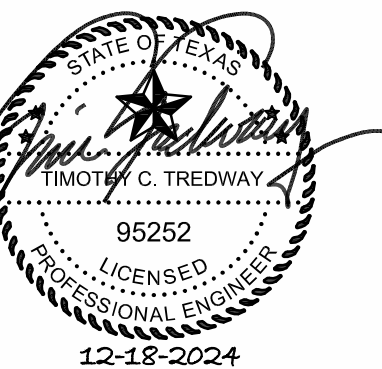
- NOTES BY SYMBOL**
- 1 PROVIDE NEMA6-20R RECEPTACLE FOR CORD AND PLUG CONNECTION OF PTAC. VERIFY RECEPTACLE CONFIGURATION WITH PTAC SUPPLIED BY MECHANICAL CONTRACTOR. INSTALL RECEPTACLE CONCEALED IN UNIT SUB-BASE.
 - 2 INSTALL TOP OF PTAC 12" BELOW FINISHED CEILING. COORDINATE INSTALLATION WITH ARCHITECT AND G.C.
 - 3 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.
 - 4 ELEVATOR POWER MODULE SWITCH, 400A/208V/3P SWITCH COMPLETE WITH 225A 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-4-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. SEE DETAIL 135.1.
 - 5 PROVIDE POWER FOR ELEVATOR SHUNT FOR CONTROL. SEE 1-16.1 FOR MORE INFORMATION.
 - 6 INSTALL WEATHER-PROOF JUNCTION BOX ON ROOF FOR FUTURE RADON FAN. PROVIDE ADEQUATE LENGTH OF CONDUCTOR FOR CONNECTION TO FUTURE RECEPTACLE.



REVISIONS:

1	Addendum #1	2024-11-27
2	ASI #1	2024-12-18

DATE: 11/22/2024
 JOB: 24-3395
 SHEET NO.:



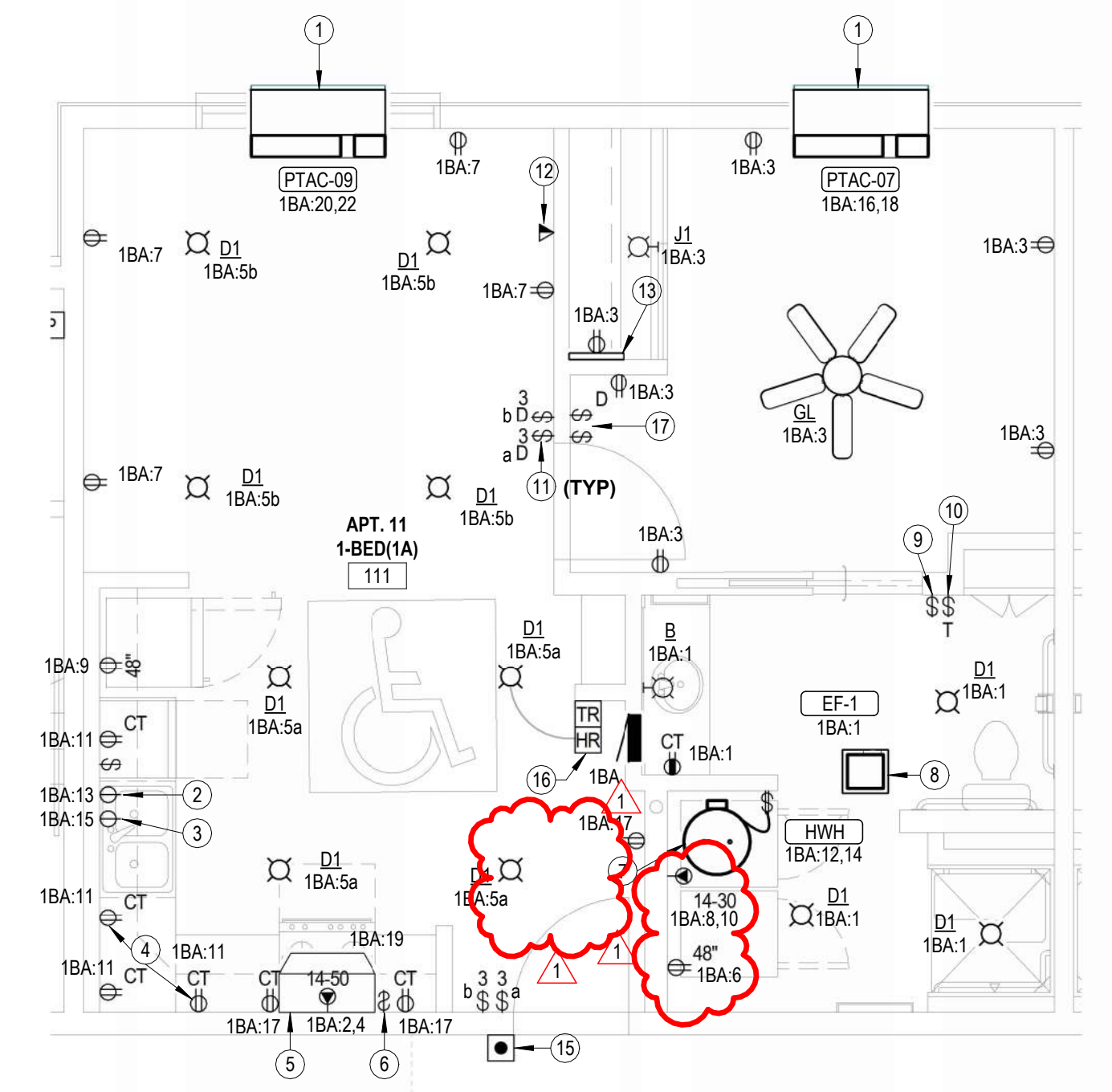
REVISIONS:

1	Addendum #1	2024-11-27
2	ASI #1	2024-12-18

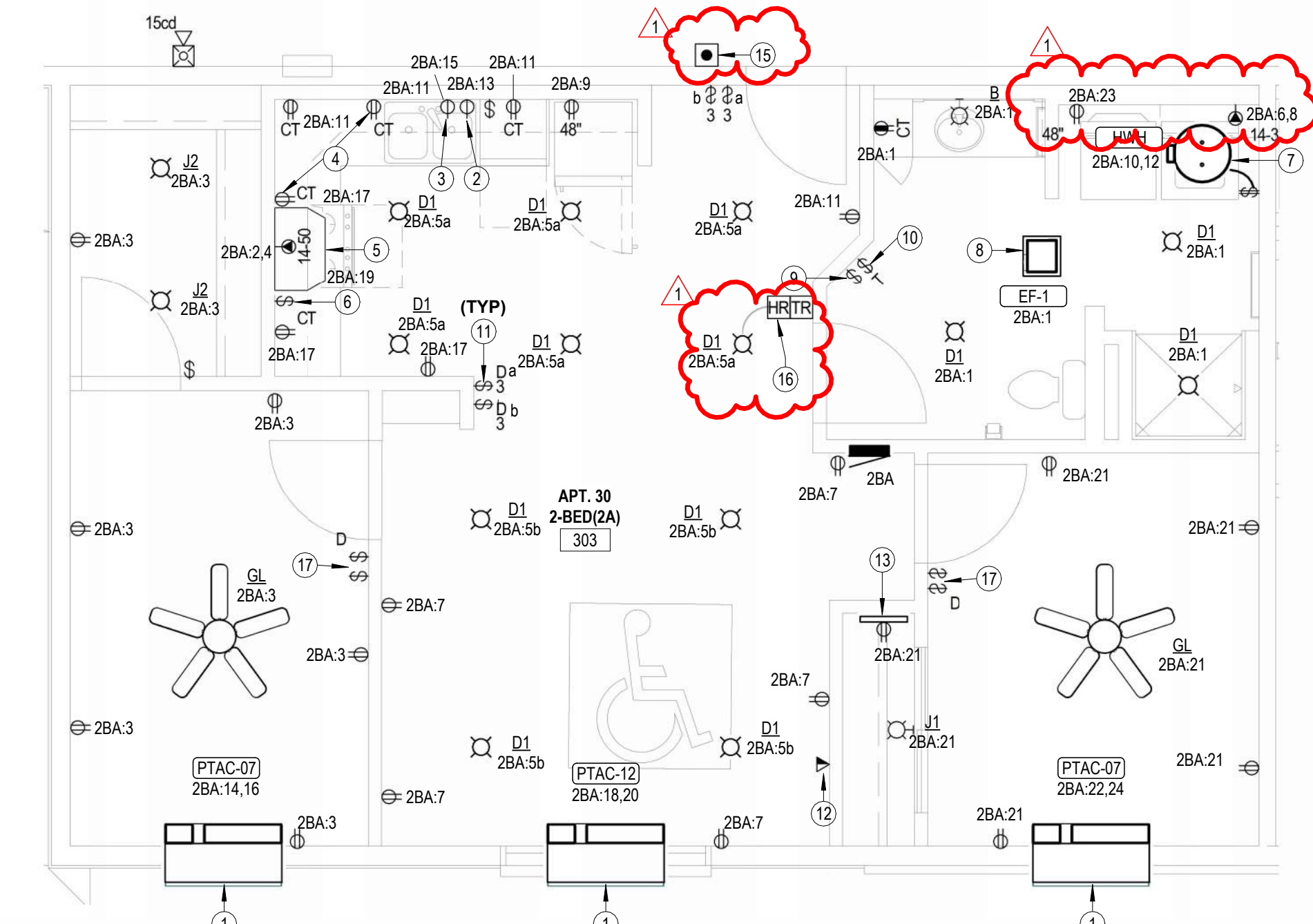
DATE: 11/22/2024
 JOB: 24-3395
 SHEET NO.:

PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF 2021 IECC.
 NOTE: OUTLET BOXES ON EXTERIOR WALL SHALL BE AIR-TIGHT
 BOXES PER SECTION 402.6

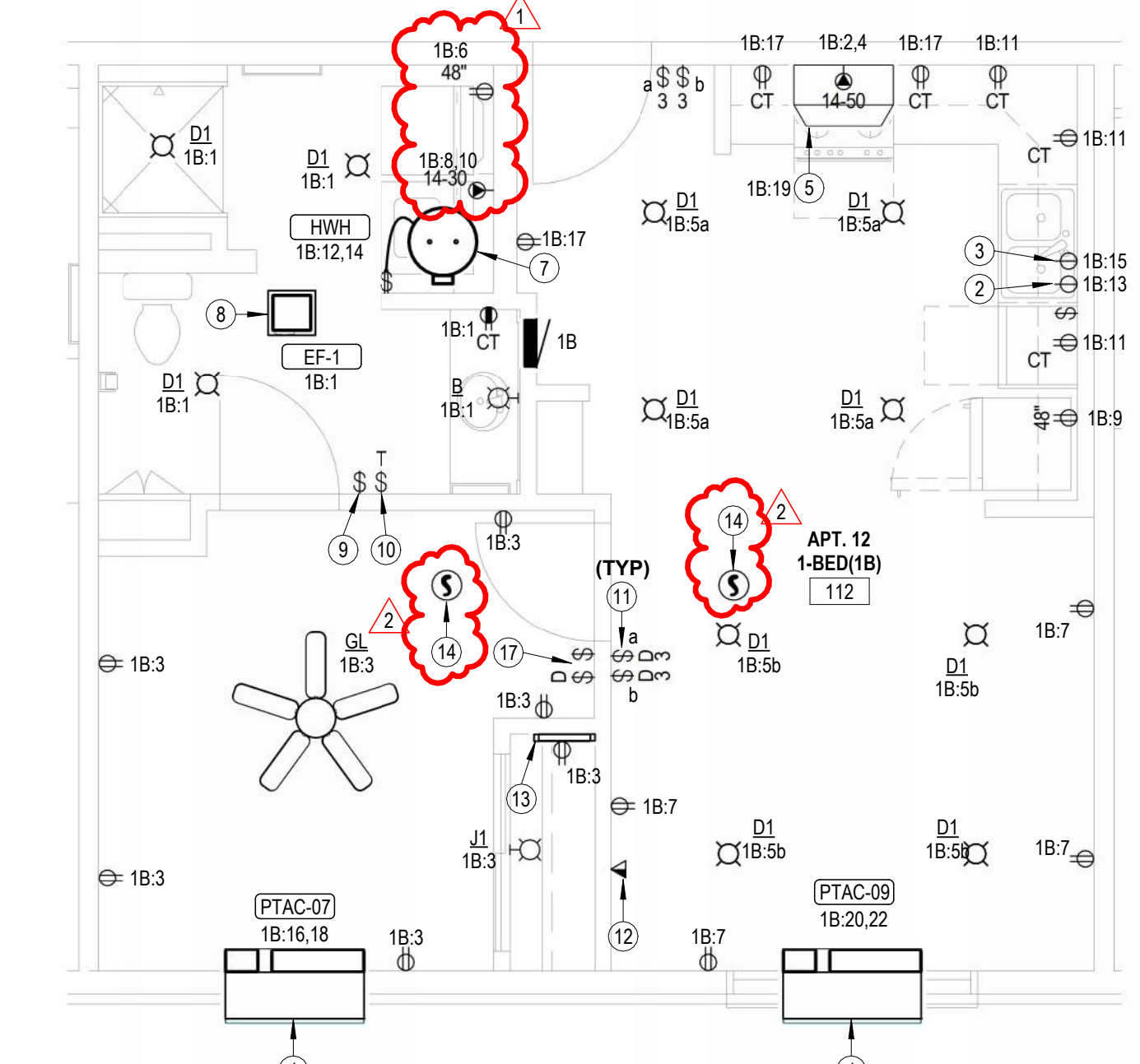
- NOTES BY SYMBOL**
- 1 PROVIDE NEMA6-20R RECEPTACLE FOR CORD AND PLUG CONNECTION OF PTAC. VERIFY RECEPTACLE CONFIGURATION WITH PTAC SUPPLIED BY MECHANICAL CONTRACTOR. INSTALL RECEPTACLE CONCEALED IN UNIT SUB-BASE.
 - 2 PROVIDE RECEPTACLE BELOW COUNTER FOR CORD AND PLUG CONNECTION OF DISHWASHER. PROVIDE CORD AND GROUNDING PLUG AS REQUIRED.
 - 3 SWITCHED RECEPTACLE BELOW COUNTER FOR GARBAGE DISPOSAL. COORDINATE EXACT LOCATION OF SWITCH WITH ARCHITECT.
 - 4 IN ACCESSIBLE UNITS, INSTALL COUNTERTOP RECEPTACLES A MINIMUM 36" AWAY FROM CORNER PER FAIR HOUSING ACT DESIGN MANUAL CHAPTER 5. SIDE REACH OVER AN OBSTRUCTION REQUIREMENTS. WHERE AN OBSTRUCTION PREVENTS 36" DISTANCE REQUIREMENT, INSTALL RECEPTACLE AS FAR FROM CORNER AS POSSIBLE. PROVIDE ADDITIONAL OUTLETS WITHIN 36" OF CORNER TO ENSURE COMPLIANCE WITH NEC PACING REQUIREMENTS.
 - 5 PROVIDE 120V CONNECTION TO RANGE HOOD/MICROWAVE. STANDARD AND ADAPTABLE UNITS WILL HAVE MICROWAVE ABOVE RANGE. ACCESSIBLE UNITS WILL HAVE RANGE HOOD. COORDINATE EXACT ELECTRICAL ROUGH-IN REQUIREMENTS WITH EQUIPMENT PROVIDED. IF EQUIPMENT IS CORD AND PLUG, PROVIDE RECEPTACLE INSIDE CABINET ABOVE RANGE.
 - 6 PROVIDE SWITCH IN ACCESSIBLE UNITS FOR CONTROL OF RANGE HOOD.
 - 7 PROVIDE 30A/2P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
 - 8 CONNECT EXHAUST FANLIGHT PROVIDED BY MECHANICAL CONTRACTOR.
 - 9 SWITCH CLOSEST TO DOOR SHALL CONTROL ALL LIGHTS IN BATHROOM, AND THE OTHER SWITCH SHALL CONTROL THE EXHAUST FAN.
 - 10 PROVIDE TIMER SWITCH EQUAL TO AIR CYCLER 'SMART EXHAUST' FOR CONTROL OF EXHAUST FAN. SET SWITCH PER MANUFACTURER'S INSTRUCTIONS TO OPERATE FAN AS INDICATED BELOW:
 1 BEDROOM: 25 MINUTES PER HOUR
 2 BEDROOM: 38 MINUTES PER HOUR
 - 11 PROVIDE PRESET SLIDE DIMMER COMPATIBLE WITH ASSOCIATED LIGHT FIXTURES.
 - 12 COORDINATE FINAL LOCATIONS OF ALL CATV AND PHONE OUTLETS WITH OWNER.
 - 13 TELECOM DISTRIBUTION DEVICE APPROXIMATELY 4'-0" AFF. COORDINATE EXACT REQUIREMENTS WITH UTILITY PROVIDER SELECTED BY OWNER.
 - 14 CEILING MOUNTED SMOKE ALARM IN APARTMENTS TO BE 120VAC WITH 9V BATTERY BACKUP. INTERCONNECTED TO OTHERS IN SAME APARTMENT. DEVICE SHALL HAVE CARBON MONOXIDE DETECTOR AND PHOTOELECTRIC TYPE SMOKE DETECTOR WITH SOUNDER HORN HAVING AN 85-DB OUTPUT AT 10'. SHALL HAVE A SINGLE BUTTON FOR TEST/SILENCE AND LED INDICATOR HEIGHTS AND SHALL BE UL LISTED, BRK ECTD108 OR EQUAL.
 - 15 PROVIDE PUSHBUTTON AT 48" AFF. FOR AN UNIMpaired SYSTEM AT ACCESSIBLE APARTMENTS AND ALSO AT APARTMENTS DESIGNATED FOR HEARING-IMPAIRED. REFER TO ARCH DRAWINGS FOR APPLICABLE ROOMS. REFER TO DETAIL 4, SHEET E6.1.
 - 16 PROVIDE DOOR ANNUNCIATOR SYSTEM A/V HORN/STROBE DEVICE AND LOW VOLTAGE TRANSFORMER AT ALL ACCESSIBLE APARTMENTS AND ALSO AT APARTMENTS DESIGNATED FOR HEARING-IMPAIRED GUESTS. REFER TO ARCH DRAWINGS FOR APPLICABLE ROOMS. INSTALL HORN/STROBE APPLIANCE AT 80" AFF PER ADA. INSTALL TRANSFORMER IN DOUBLE GANG JUNCTION BOX ABOVE HORN/STROBE WITH BLANK COVER. LATE AND PROVIDE LOW VOLTAGE CONTROL WIRING. REFER TO DETAIL 4, SHEET E6.1. PROVIDE ENGRAVED SIGN AT THE HORN/STROBE DEVICE TO READ "DOOR".
 - 17 SWITCH CEILING AND ADJACENT SEPARATELY.



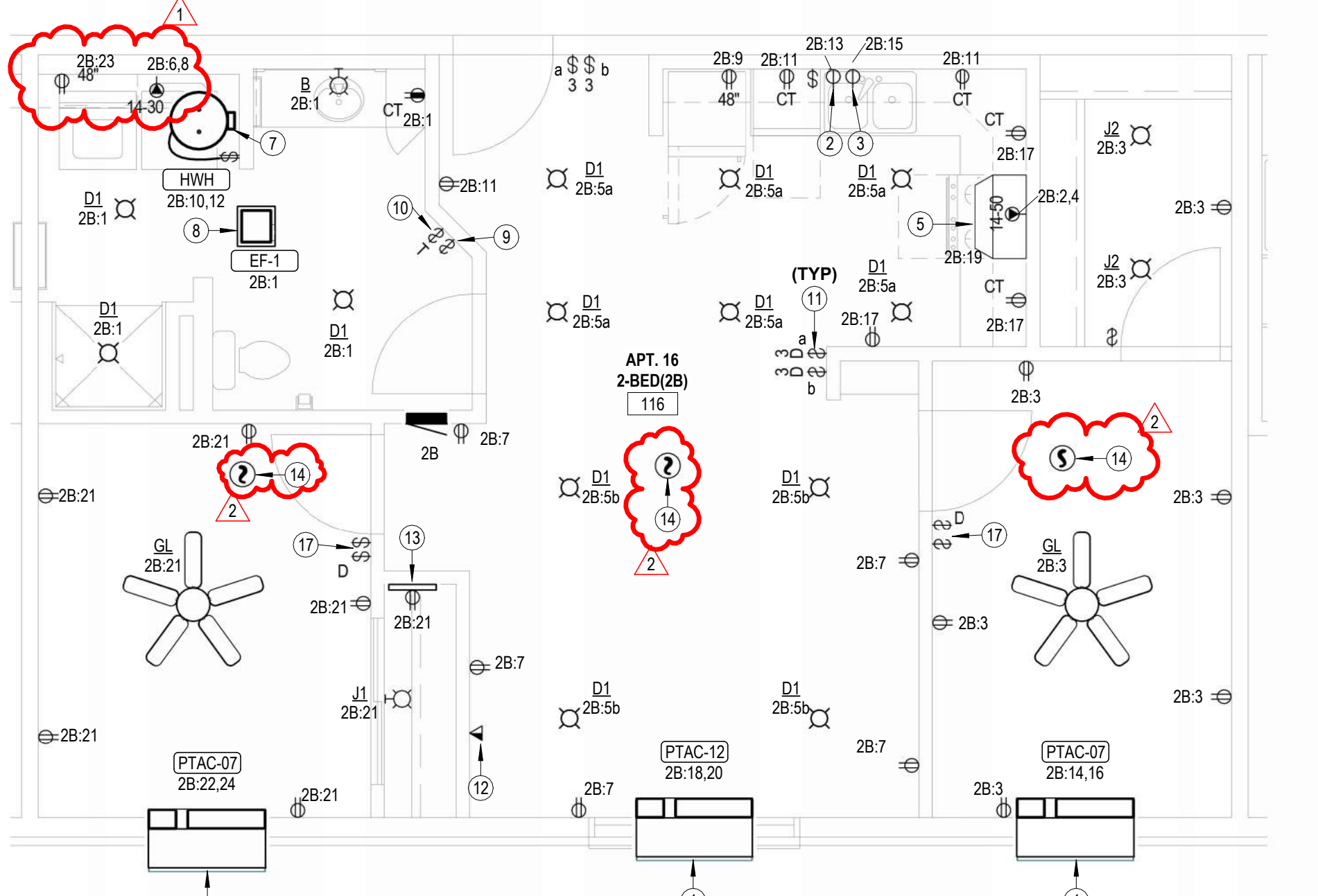
3 1 BEDROOM ACCESSIBLE ENLARGED POWER PLAN
 E4.1 1/4" = 1'-0"



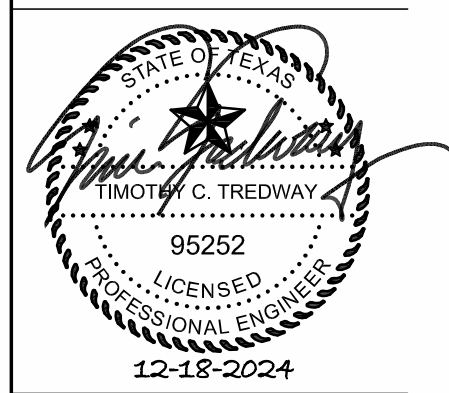
4 2 BEDROOM ACCESSIBLE ENLARGED POWER PLAN
 E4.1 1/4" = 1'-0"



1 1 BEDROOM ENLARGED POWER PLAN
 E4.1 1/4" = 1'-0"



2 2 BEDROOM ENLARGED POWER PLAN
 E4.1 1/4" = 1'-0"



Panelboard: H1

Location: Mech 108
 Supply: Meter Center
 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: 22 kA

Ckt	Description	Frame (A)	Trip (A)	Poles	FN/Note	Load
H1.1	P1	200	200	3		32789
H1.2	P2	100	100	3		21460
H1.3	Elevator (40 HP)	300	300	3		81000
H1.4	Space	--	--	1		--
H1.5	Space	--	--	1		--
H1.6	Space	--	--	1		--

Load Summary

Load Classification	Connected	Factor	Demand	Panel Totals
Motor	8912 VA	112.41%	10018 VA	Connected Load: 135 kVA
Other	2980 VA	100.00%	2980 VA	Connected Current: 375 A
Lighting - Interior	3378 VA	125.00%	4222 VA	Demand Load: 143 kVA
Receptacle - General	11880 VA	92.09%	10940 VA	Demand Current: 397 A
Electric Water Heating	4500 VA	125.00%	5625 VA	
Electric Heat	22600 VA	125.00%	28250 VA	
Elevator	81000 VA	100.00%	81000 VA	

Notes:
 PROVIDE WITH INTEGRAL SURGE PROTECTION DEVICE PER SPECIFICATIONS

NOTES:

- Meter Center main circuit breaker shall be 42 kAIC fully rated. Feeder breakers may be series rated with main breaker for a 42 kAIC rating.
- 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 Texas
 Jacob D Carson
 Technician Sr
 (325) 657-2821
 jdcason@aep.com
- 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.
- 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 1/8" letters, minimum.

METER CENTER DEMAND CALCULATION

DWELLING UNIT QTY: 30
 AREA: 21750 SF

FEEDER AND SERVICE LOADS PER NEC 220.84 PART IV

(C) Calculated Loads	Connected Load (VA)	Demand Load (VA)
(C1) General Lighting and Receptacles (220.84 (C)(1)) a) Lighting and Receptacles 3 VA per Square Foot	65250 VA	
(C2) Required Circuits (220.84 (C)(2)) a) Laundry Circuit 1500 VA per Circuit 30 Circuits b) Kitchen Circuits 1500 VA per Circuit 60 Circuits	45000 VA 90000 VA	
(C3) Nameplate Ratings of Equipment (220.84 (C)(3)) a1) Dishwasher 840 VA each Qty. 30 a2) Refrigerator 1200 VA each Qty. 30 a3) Microwave 1000 VA each Qty. 30 a4) Disposal 1175 VA each Qty. 30 b) Electric Range 8000 VA each Qty. 30 c) Clothes Dryer 5000 VA each Qty. 30 d) Water Heater 4500 VA each Qty. 30	25200 VA 36000 VA 30000 VA 36250 VA 240000 VA 150000 VA 135000 VA	
(C4) Nameplate Ratings of Motors (220.84 (C)(4)) a) HVAC Blower Fan 30 VA each Qty. 75 b) Exhaust Fans 0 VA each Qty. 0	2250 VA 0 VA	
(C5) Larger of A/C or Electric Heat (220.84 (C)(5)) a) A/C or Heat #1 1960 VA each Qty. 75 b) A/C or Heat #2 0 VA each Qty. 0	147000 VA 0 VA	
Dwelling Unit Demand Factor from Table 220.84 = 0.33		
Total Apartment Demand (VA)		330314 VA
Total House Load Demand (VA)		0 VA
Total Building Demand (VA)		330314 VA
Total Meter Center Demand Load (Amperes) @ 208 V / 120V-3 Ph, 4 W		916.9 A

Provide 1000A Meter Center

DWELLING UNIT FEEDER CALCULATION

UNIT TYPE: 2 Bed / 1 Bath (Units 2A/1B)
 AREA: 880 SF

FEEDER AND SERVICE LOADS PER NEC 220.82 PART IV

(B) General Loads	Connected Load (VA)	Demand Load (VA)
(B1) General Lighting and Receptacles (220.82 (B)(1)) a) Lighting and Receptacles 3 VA per Square Foot	2650 VA	
(B2) Small Appliance & Laundry Branch Circuits (220.82 (B)(2)) a) Laundry Circuit 1500 VA per Circuit 1 Circuit b) Kitchen Circuits 1500 VA per Circuit 2 Circuits	1500 VA 3000 VA	
(B3) Nameplate Ratings of Equipment (220.82 (B)(3)) a1) Dishwasher 840 VA each Qty. 1 a2) Refrigerator 1000 VA each Qty. 1 a3) Microwave 1000 VA each Qty. 1 a4) Disposal 1175 VA each Qty. 1 b) Electric Range 8000 VA each Qty. 1 c) Clothes Dryer 5000 VA each Qty. 1 d) Water Heater 4500 VA each Qty. 1	840 VA 1000 VA 1000 VA 1175 VA 8000 VA 5000 VA 4500 VA	
(B4) Nameplate Ratings of Motors (220.82 (B)(4)) a) HVAC Blower Fan 30 VA each Qty. 3 b) Exhaust Fans 0 VA each Qty. 0	90 VA 0 VA	
Part (B) Connect Load Total		28655 VA
Part (B) Demand Load Total (100% of 1st 10 KVA + 40% of remainder)		17462 VA

(C) Heating and Air Conditioning Load

(C1) 100% Nameplate Rating of Air Conditioner (220.82 (C)(1))	Connected Load (VA)	Demand Load (VA)
a) A/C Unit #1 0 VA each Qty. 0 b) A/C Unit #2 0 VA each Qty. 0	0 VA 0 VA	0 VA 0 VA
Part (C1) Connect Load Total		0 VA
(C2) 100% Nameplate Rating of Heat Pump w/ Supplemental Heat (220.82 (C)(2)) a) Heat Pump Unit #1 0 VA each Qty. 0 b) Heat Pump Unit #2 0 VA each Qty. 0	0 VA 0 VA	0 VA 0 VA
Part (C2) Connect Load Total		0 VA
(C3) 100% of Heat Pump & 65% Supplemental Electric Heat (220.82 (C)(3)) a1) Heat Pump Unit #1 0 VA each Qty. 0 a2) Electric Heat #1 0 VA each Qty. 0 b1) Heat Pump Unit #2 0 VA each Qty. 0 b2) Electric Heat #2 0 VA each Qty. 0	0 VA 0 VA 0 VA 0 VA	0 VA 0 VA 0 VA 0 VA
Part (C3) Connect Load Total		0 VA
(C4) 65% of Total Electric Heat if < 4 Separately Controlled Units (220.82 (C)(4)) a) Electric Heat #1 1960 VA each Qty. 3 b) Electric Heat #2 0 VA each Qty. 0	3822 VA 0 VA	3822 VA 0 VA
Part (C4) Connect Load Total		3822 VA
(C5) 40% of Total Electric Heat if > 4 Separately Controlled Units (220.82 (C)(5)) a) Electric Heat #1 0 VA each Qty. 0 b) Electric Heat #2 0 VA each Qty. 0	0 VA 0 VA	0 VA 0 VA
Part (C5) Connect Load Total		0 VA
Part (C) Connect Load Total		3822 VA
Part (C) Demand Load (Largest of C1 - C5)		3822 VA
Total Dwelling Unit Demand (VA)		21284 VA
Total Amps @ 208 V / 120V-1Ph-3W		102.3 A

Provide 125A Load Center & Feed with 110A/2P Breaker

DWELLING UNIT FEEDER CALCULATION

UNIT TYPE: 1 Bed / 1 Bath (Units 2A/1B)
 AREA: 600 SF

FEEDER AND SERVICE LOADS PER NEC 220.82 PART IV

(B) General Loads	Connected Load (VA)	Demand Load (VA)
(B1) General Lighting and Receptacles (220.82 (B)(1)) a) Lighting and Receptacles 3 VA per Square Foot	1800 VA	
(B2) Small Appliance & Laundry Branch Circuits (220.82 (B)(2)) a) Laundry Circuit 1500 VA per Circuit 1 Circuit b) Kitchen Circuits 1500 VA per Circuit 2 Circuits	1500 VA 3000 VA	
(B3) Nameplate Ratings of Equipment (220.82 (B)(3)) a1) Dishwasher 840 VA each Qty. 1 a2) Refrigerator 1000 VA each Qty. 1 a3) Microwave 1000 VA each Qty. 1 a4) Disposal 1175 VA each Qty. 1 b) Electric Range 8000 VA each Qty. 1 c) Clothes Dryer 5000 VA each Qty. 1 d) Water Heater 4500 VA each Qty. 1	840 VA 1000 VA 1000 VA 1175 VA 8000 VA 5000 VA 4500 VA	
(B4) Nameplate Ratings of Motors (220.82 (B)(4)) a) HVAC Blower Fan 30 VA each Qty. 2 b) Exhaust Fans 0 VA each Qty. 0	60 VA 0 VA	
Part (B) Connect Load Total		27875 VA
Part (B) Demand Load Total (100% of 1st 10 KVA + 40% of remainder)		17150 VA

(C) Heating and Air Conditioning Load

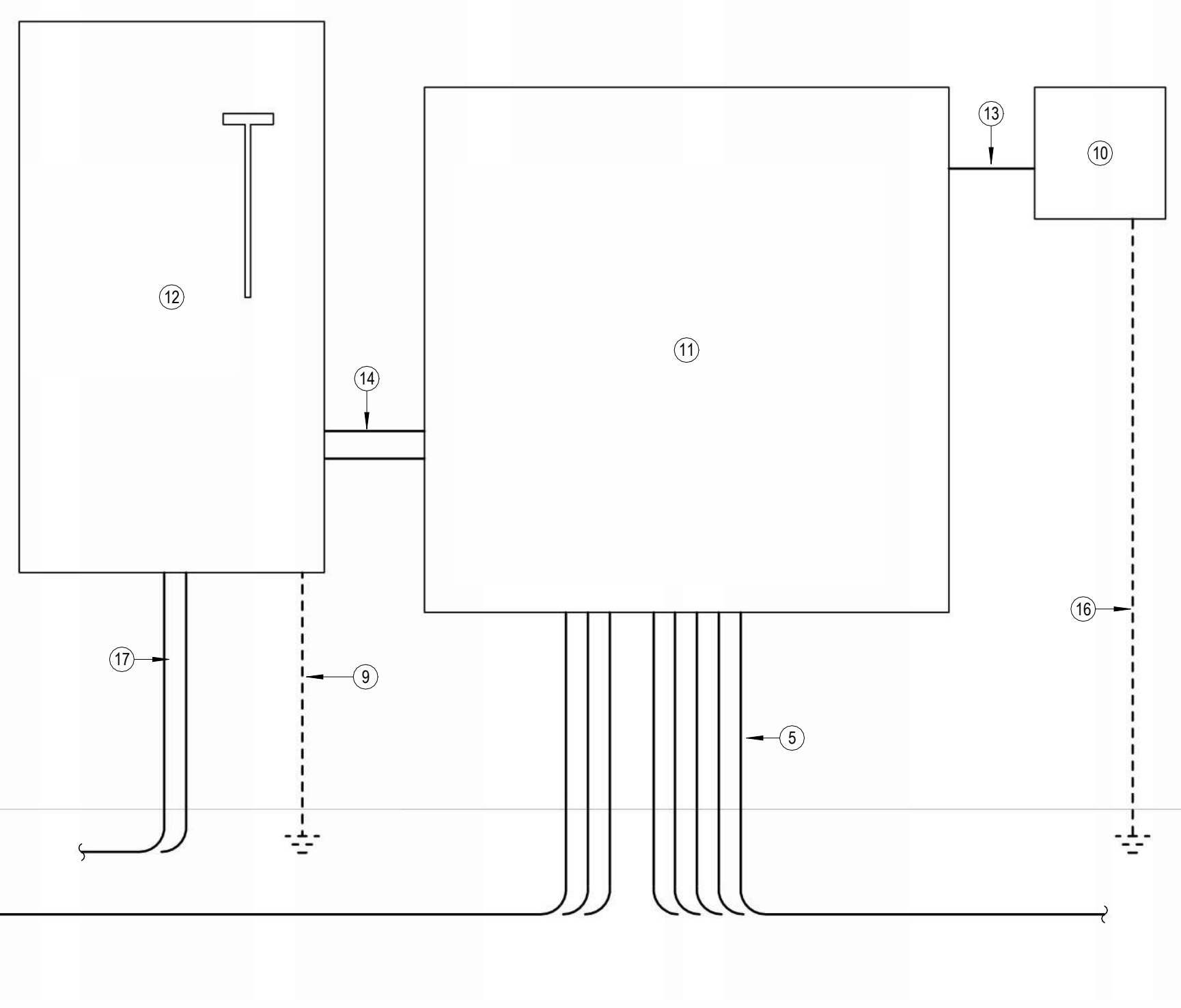
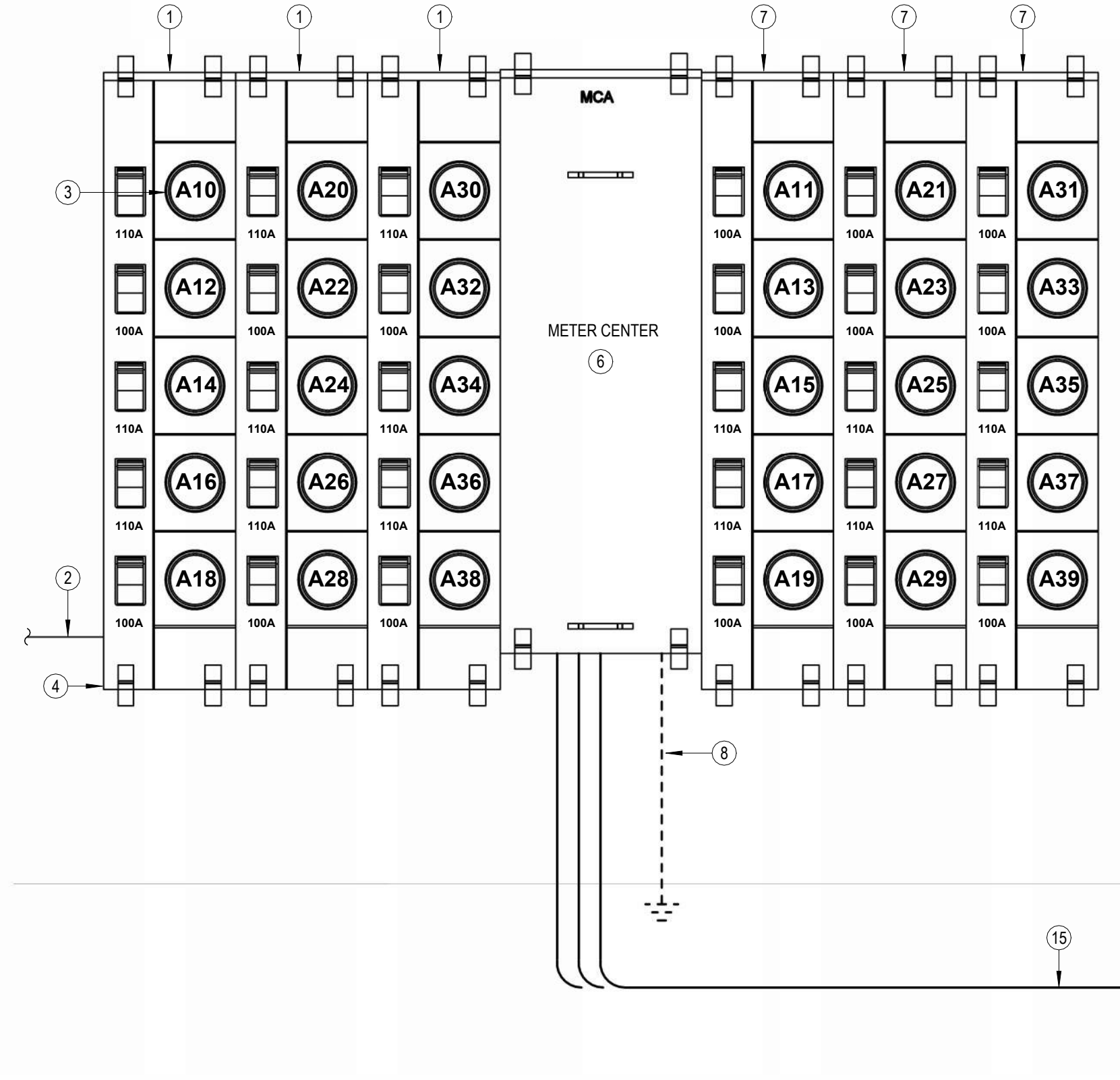
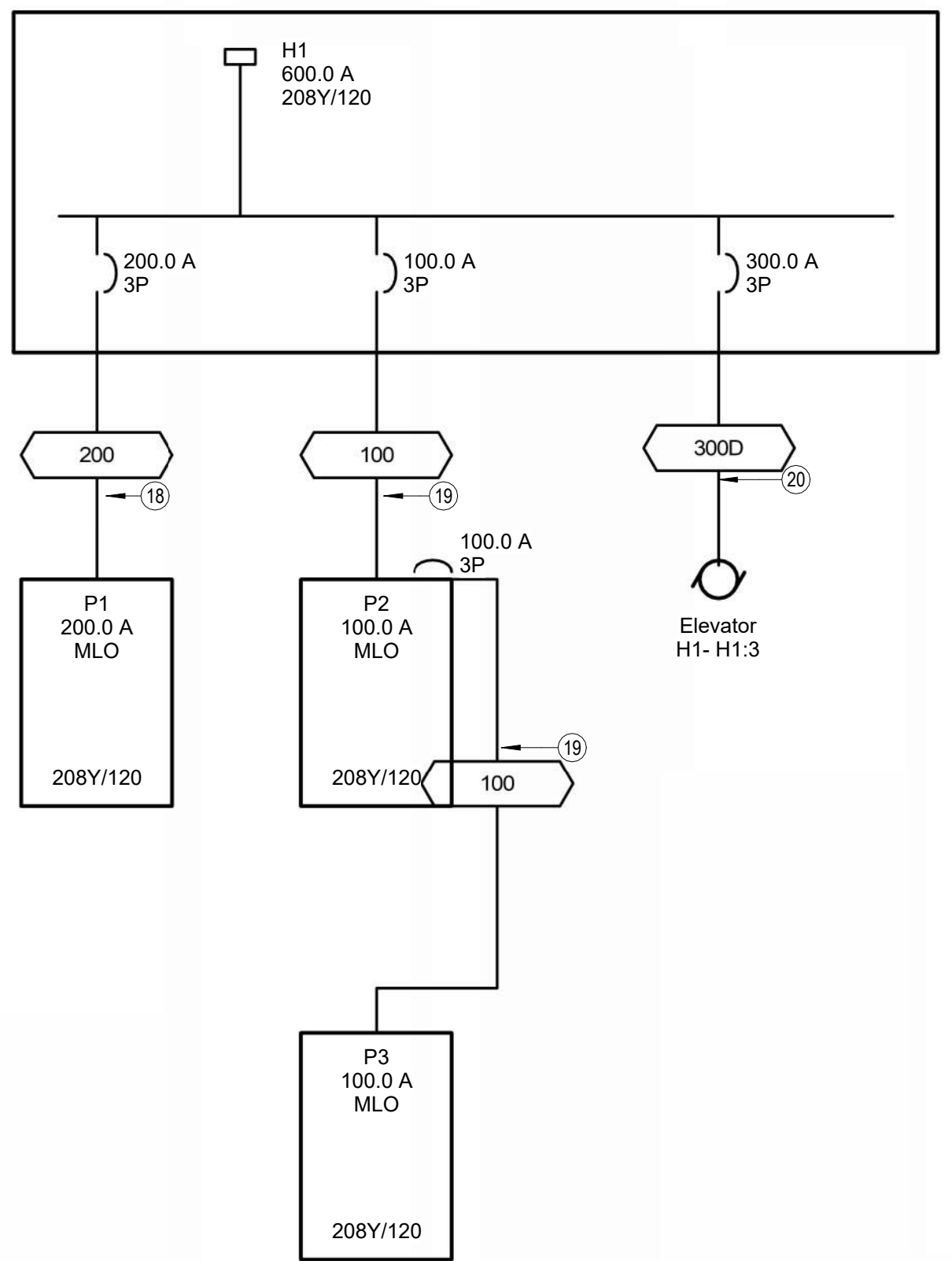
(C1) 100% Nameplate Rating of Air Conditioner (220.82 (C)(1))	Connected Load (VA)	Demand Load (VA)
a) A/C Unit #1 0 VA each Qty. 0 b) A/C Unit #2 0 VA each Qty. 0	0 VA 0 VA	0 VA 0 VA
Part (C1) Connect Load Total		0 VA
(C2) 100% Nameplate Rating of Heat Pump w/ Supplemental Heat (220.82 (C)(2)) a) Heat Pump Unit #1 0 VA each Qty. 0 b) Heat Pump Unit #2 0 VA each Qty. 0	0 VA 0 VA	0 VA 0 VA
Part (C2) Connect Load Total		0 VA
(C3) 100% of Heat Pump & 65% Supplemental Electric Heat (220.82 (C)(3)) a1) Heat Pump Unit #1 0 VA each Qty. 0 a2) Electric Heat #1 0 VA each Qty. 0 b1) Heat Pump Unit #2 0 VA each Qty. 0 b2) Electric Heat #2 0 VA each Qty. 0	0 VA 0 VA 0 VA 0 VA	0 VA 0 VA 0 VA 0 VA
Part (C3) Connect Load Total		0 VA
(C4) 65% of Total Electric Heat if < 4 Separately Controlled Units (220.82 (C)(4)) a) Electric Heat #1 1960 VA each Qty. 2 b) Electric Heat #2 0 VA each Qty. 0	2548 VA 0 VA	2548 VA 0 VA
Part (C4) Connect Load Total		2548 VA
(C5) 40% of Total Electric Heat if > 4 Separately Controlled Units (220.82 (C)(5)) a) Electric Heat #1 0 VA each Qty. 0 b) Electric Heat #2 0 VA each Qty. 0	0 VA 0 VA	0 VA 0 VA
Part (C5) Connect Load Total		0 VA
Part (C) Connect Load Total		2548 VA
Part (C) Demand Load (Largest of C1 - C5)		2548 VA
Total Dwelling Unit Demand (VA)		19698 VA
Total Amps @ 208 V / 120V-1Ph-3W		94.7 A

Provide 100A Load Center & Feed with 100A/2P Breaker

APARTMENT FEEDER SCHEDULE

APARTMENT PANEL NUMBER	COPPER	ALUMINUM OR SER
A15, A16, A17, A18, A19, A26, A27, A28, A29	(3)#1, #6G, 1-1/4" C.	(3)#1/0, #4G, 1-1/2" C.
A14, A24, A25, A33, A36, A37, A38, A39	(3)#1, #6G, 1-1/4" C.	(3)#2/0, #3G, 2" C.
A11, A12, A13, A23, A34, A35	(3)#1/0, #6G, 1-1/2" C.	(3)#3/0, #2G, 2" C.
A21, A22, A31, A32	(3)#2/0, #4G, 2" C.	(3)#4/0, #1G, 2" C.
A10, A20, A30	(3)#3/0, #4G, 2" C.	(3)#250 KCMIL, #1/0G, 2-1/2" C.

NOTES:
 1. VOLTAGE DROP HAS BEEN ACCOUNTED FOR IN SIZES INDICATED, FURTHER UPSIZING OF FEEDERS IS NOT NECESSARY
 2. ENSURE PANEL LUGS ARE ADEQUATELY SIZED TO HANDLE UP-SIZED FEEDERS. PROVIDE LUG ADAPTER KITS IF REQUIRED



NOTES BY SYMBOL

- 5-SOCKET BRANCH UNITS, 3-PH IN, 1-PH OUT, WITH (2) 100A AND (3) 110A BRANCH BREAKERS AS INDICATED. 800A HORIZONTAL CROSS BUS METER SOCKETS SHALL BE RINGLESS TYPE, 5-JAW WITH HORN BYPASS SQUARE D EZ METER-PAK #EZM315125. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT BEING SERVED.
- SEE FEEDER SCHEDULE. THIS SHEET FOR SIZED TO APARTMENT UNIT LOAD CENTERS.
- MAXIMUM HEIGHT TO CENTERLINE OF TOP METER SOCKET SHALL BE 5'-6" AFG.
- MINIMUM HEIGHT TO BOTTOM OF METER SOCKET ASSEMBLY SHALL BE 18" AFG.
- (5) 4" CONDUITS WITH PULL ROPES UNDERGROUND FOR SERVICE FROM PAD MOUNTED UTILITY TRANSFORMER. CABLING BY POWER CO. RE: 4-ME1.0.
- METER CENTER MAIN, 3-PH OUT, 208/120V-3PH, 4 WIRE WITH 1000A/3P MAIN BREAKER, 42 KAIC RATED. SERVICE ENTRANCE RATED WITH INTEGRAL SURGE PROTECTION DEVICE. SQUARE D EZ METER-PAK #EZM31000CB. PROVIDE SIGNAGE AT CIRCUIT BREAKER TO READ "SERVICE DISCONNECT 1 OF 2"
- 5-SOCKET BRANCH UNITS, 3-PH IN, 1-PH OUT, WITH (3) 100A AND (2) 110A BRANCH BREAKERS AS INDICATED. 800A HORIZONTAL CROSS BUS METER SOCKETS SHALL BE RINGLESS TYPE, 5-JAW WITH HORN BYPASS SQUARE D EZ METER-PAK #EZM315125. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT BEING SERVED.
- #3/0 CU GROUNDING ELECTRODE CONDUCTOR TO CONCRETE ENCASED ELECTRODE, UNDERGROUND METAL WATER PIPE, AND DRIVEN GROUND ROD. BOND ALL ITEMS IN ACCORDANCE WITH NEC ARTICLE 250.
- #2/0 CU GROUNDING ELECTRODE CONDUCTOR TO CONCRETE ENCASED ELECTRODE, UNDERGROUND METAL WATER PIPE, AND DRIVEN GROUND ROD. BOND ALL ITEMS IN ACCORDANCE WITH NEC ARTICLE 250.
- CT RATED METER SOCKET PER AEP TEXAS REQUIREMENTS
- 48"x48"x12" NEMA 3R ENCLOSURE WITH HINGED DOORS, GROUND LUG, AND PROVISIONS FOR POWER COMPANY PADLOCK AND SEAL
- 600A/3P SERVICE ENTRANCE RATED DISCONNECT SWITCH WITH SOLID NEUTRAL AND (3) 500A DUAL ELEMENT, TIME-DELAY, CLASS RK1 FUSES IN NEMA 3R ENCLOSURE. PROVIDE SIGNAGE AT DISCONNECT SWITCH TO READ SERVICE DISCONNECT 2 OF 2
- 2" CONDUIT FOR POWER COMPANY PROVIDED METER WIRING
- (2) PARALLEL 3" CONDUITS, EACH WITH (4) #350 KCMIL COPPER OR (3) PARALLEL 3" CONDUITS, EACH WITH (4)#300KCMIL ALUMINUM
- (3) PARALLEL 3" CONDUITS, EACH WITH (4) #400 KCMIL
- #6 BARE CU GROUND TO 5/8" DIA. x 8' LONG COPPER-CLAD STEEL GROUND ROD
- (2) PARALLEL 3" CONDUITS, EACH WITH (4) #350 KCMIL, #2/0G COPPER, OR (3) PARALLEL 3" CONDUITS, EACH WITH (4)#300KCMIL, #3/0 GROUND ALUMINUM TO PANEL "H1".
- (4)#3/0, #6G, 2" C.
- (4)#1, #6G, 1-1/2" C.
- (4)#350, #4G, 2-1/2" C.

RESIDENCE AT GREEN MEADOW

NEW SENIOR LIVING FACILITY

TEXAS

SAN ANGELO, TEXAS

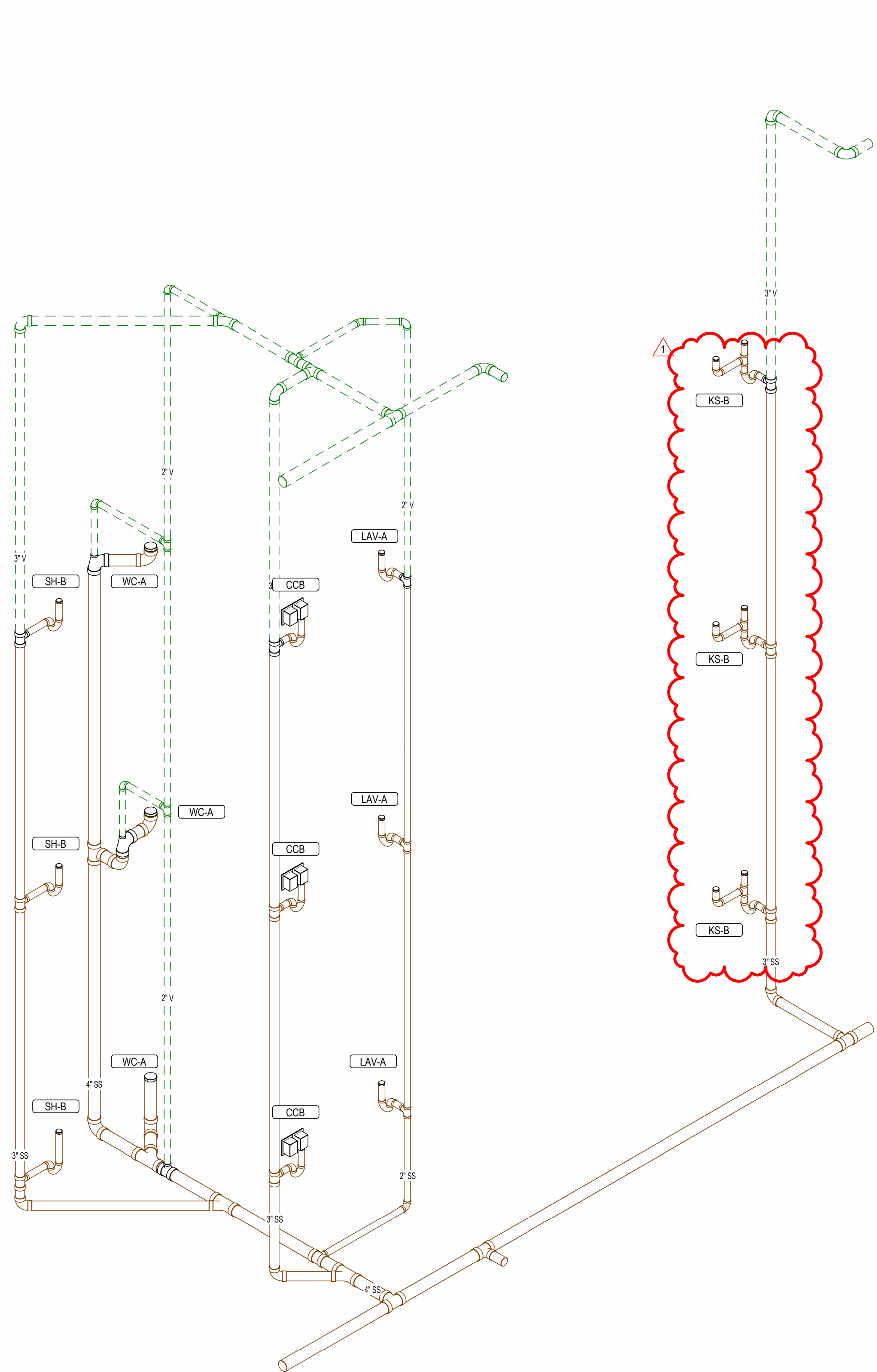


REVISIONS:
 1 Addendum #1 2024-11-27

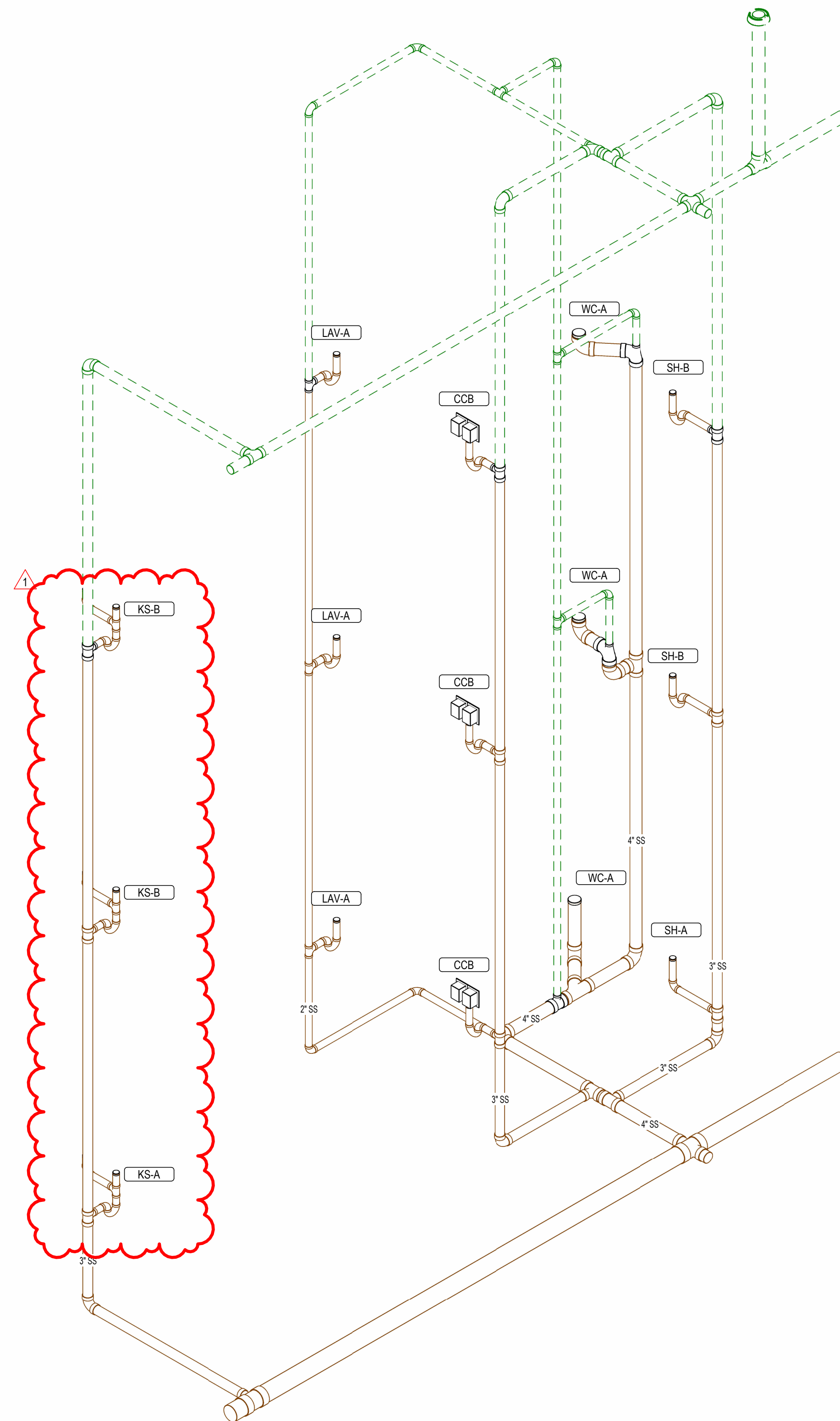
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 JOB: 24-3395
 SHEET NO.:

P9.1

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1 TYPICAL 2 BED ROOM WASTE AND VENT RISER
 P9.1



2 TYPICAL 1 BED ROOM WASTE AND VENT RISER
 P9.1

SECTION 09680

CARPET – PAD AND TACK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Cut Pile carpet with Pad or Integral backing

1.3 SUBMITTALS

- A. Product Data: For the following, including installation recommendations for each type of substrate:
 - 1. Carpet: For each type indicated. Include manufacturer's written data on physical characteristics, durability, and fade resistance.
 - 2. Carpet Cushion: For each type indicated. Include manufacturer's written data on physical characteristics and durability.
- B. Samples: For each of the following products and for each color and texture required. Label each Sample with manufacturer's name, material description, color, pattern, and designation indicated on Drawings and in schedules.
 - 1. Carpet: 12-inch- (300-mm-) square Sample.
 - 2. Exposed Edge, Transition, and other Accessory Stripping: 12-inch- (300-mm-) long Samples.
 - 3. Carpet Cushion: 6-inch- (150-mm-) square Sample.
 - 4. Carpet Seam: 6-inch (150-mm) Sample.
 - 5. Mitered Carpet Border Seam: **12-inch- (300-mm-)** square Sample. Show carpet pattern alignment.
- C. Product Schedule: For carpet **and carpet cushion**. Use same designations indicated on Drawings.
- D. Qualification Data: For Installer.
- E. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency.
- F. Maintenance Data: For carpet to include in maintenance manuals. Include the following:
 - 1. Methods for maintaining carpet, including cleaning and stain-removal products and procedures and manufacturer's recommended maintenance schedule.
 - 2. Precautions for cleaning materials and methods that could be detrimental to carpet **and carpet cushion**.
- G. Warranties: Special warranties specified in this Section.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who is certified by the Floor Covering Installation Board or who can demonstrate compliance with its certification program requirements.
- B. Fire-Test-Response Characteristics: Provide products with the critical radiant flux classification indicated in Part 2, as determined by testing identical products per ASTM E 648 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.
- C. Mockups: Before installing carpet, build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Comply with CRI 104, Section 5, "Storage and Handling."

1.6 PROJECT CONDITIONS

- A. Comply with CRI 104, Section 7.2, "Site Conditions; Temperature and Humidity" and Section 7.12, "Ventilation."
- B. Environmental Limitations: Do not install carpet **and carpet cushion** until wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- C. Do not install carpet **and carpet cushion** over concrete slabs until slabs have cured, are sufficiently dry to bond with adhesive, and have pH range recommended by carpet manufacturer.
- D. Where demountable partitions or other items are indicated for installation on top of carpet, install carpet before installing these items.

1.7 WARRANTY

- A. Special Warranty for Carpet: Manufacturer's standard form in which manufacturer agrees to repair or replace components of carpet installation that fail in materials or workmanship within specified warranty period.
 - 1. Warranty does not include deterioration or failure of carpet due to unusual traffic, failure of substrate, vandalism, or abuse.
 - 2. Failures include, but are not limited to, more than 10 percent loss of face fiber, edge raveling, snags, runs, and delamination.
 - 3. Warranty Period: 5 years from date of Substantial Completion.
- B. Special Warranty for Carpet Cushion: Manufacturer's standard form in which manufacturer agrees to repair or replace components of carpet cushion installation that fail in materials or workmanship within specified warranty period.
 - 1. Warranty includes consequent removal and replacement of carpet and accessories.
 - 2. Warranty does not include deterioration or failure of carpet cushion due to unusual traffic, failure of substrate, vandalism, or abuse.
 - 3. Failure includes, but is not limited to, permanent indentation or compression.
 - 4. Warranty Period: 5 years from date of Substantial Completion.

1.8 EXTRA MATERIALS

- A. Furnish extra materials described below, before installation begins, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Carpet: Full-width rolls equal to **5** percent of amount installed for each type indicated, but not less than **10 sq. yd. (8.3 sq. m)**.

PART 2 - PRODUCTS

2.1 CUT PILE CARPET

- A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:
- B. Products: Subject to compliance with requirements, provide one of the following:
 - 1. Manufacturer: J&J Flooring, Tempo Broadloom**
 - a. Color TBD (Architect to select from full range of collection's colors)
 - b. Construction: Textured Patterned Loop
 - c. Backing: Premierbac Plus (A)
 - d. Face Weight: 16 oz/sy
 - e. Standard Adhesive: Commercialon Premium Carpet Adhesive
 - f. Location: **Stairs Treads and Landings**. Reference Finish Floor Plan on Sheet A9.1
- C. Primary Backing: Manufacturer's standard material.
- D. Secondary Backing: Manufacturer's standard material.
- E. Applied Soil-Resistance Treatment: Manufacturer's standard material
- F. Antimicrobial Treatment: Manufacturer's standard material.

2.2 CARPET CUSHION

- A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:

- B. Products: Subject to compliance with requirements, provide one of the following:
 - 1. Thickness: 3/8 inch. Min.
 - 2. Density: 6 lbs/cu. ft. Min.

2.3 INSTALLATION ACCESSORIES

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet cushion manufacturer.
- B. Adhesives: Water-resistant, mildew-resistant, nonstaining type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet and is recommended or provided by carpet manufacturer carpet and carpet cushion manufacturers.
 - 1. VOC Limits: Provide adhesives that comply with the following limits for VOC content when tested according to ASTM D 5116:
 - a. Total VOCs: 10.00 mg/sq. m x h.
 - b. Formaldehyde: 0.05 mg/sq. m x h.
 - c. 2-Ethyl-1-Hexanol: 3.00 mg/sq. m x h.
- C. Tackless Carpet Stripping: Water-resistant plywood, in strips as required to match cushion thickness and that comply with CRI 104, Section 12.2.
- D. Seam Adhesive: Hot-melt adhesive tape or similar product recommended by carpet manufacturer for sealing and taping seams and butting cut edges at backing to form secure seams and to prevent pile loss at seams.
- E. Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edge of carpet, and of maximum lengths to minimize running joints.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet performance. Examine carpet for type, color, pattern, and potential defects.
- B. Concrete Subfloors: Verify that concrete slabs comply with ASTM F 710 and the following:
 - 1. Slab substrates are dry and free of curing compounds, sealers, hardeners, and other materials that may interfere with adhesive bond. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by carpet cushion manufacturer.
 - 2. Subfloor finishes comply with requirements specified in Division 3 Section "Cast-in-Place Concrete" for slabs receiving carpet.
 - 3. Subfloors are free of cracks, ridges, depressions, scale, and foreign deposits.
- C. For wood subfloors, verify the following:
 - 1. Underlayment over subfloor complies with requirements specified in Division 6 Section "Rough Carpentry."
 - 2. Underlayment surface is free of irregularities and substances that may interfere with adhesive bond or show through surface.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. General: Comply with CRI 104, Section 7.3, "Site Conditions; Floor Preparation," and with carpet manufacturer's written installation instructions for preparing substrates.
- B. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, depressions, and protrusions in substrates. Fill or level cracks, holes and depressions **1/8 inch (3 mm)** wide or wider, and protrusions more than **1/32 inch (0.8 mm)**, unless more stringent requirements are required by manufacturer's written instructions.
- C. Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by carpet cushion manufacturer.
- D. Broom and vacuum clean substrates to be covered immediately before installing carpet.

3.3 INSTALLATION

- A. Comply with CRI 104 and carpet manufacturer's carpet and carpet cushion manufacturers' written installation instructions for the following:
 - 1. Direct-Glue-Down Installation: Comply with CRI 104, Section 9, "Direct Glue-Down Installation."
 - 2. Double-Glue-Down Installation: Comply with CRI 104, Section 10, "Double Glue-Down Installation."
 - 3. Carpet with Attached-Cushion Installation: Comply with CRI 104, Section 11, "Attached-Cushion Installations."
 - 4. Stretch-in Installation: Comply with CRI 104, Section 12, "Stretch-in Installation."
 - 5. Stair Installation: Comply with CRI 104, Section 13, "Carpet on Stairs" for stretch-in glue-down installation.
- B. Comply with carpet manufacturer's written recommendations and Shop Drawings for seam locations and direction of carpet; maintain uniformity of carpet direction and lay of pile. At doorways, center seams under the door in closed position.
- C. Do not bridge building expansion joints with carpet.
- D. Cut and fit carpet to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet manufacturer.
- E. Extend carpet into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.
- G. Install pattern parallel to walls and borders to comply with CRI 104, Section 15, "Patterned Carpet Installations" and with carpet manufacturer's written recommendations.
- H. Comply with carpet cushion manufacturer's written recommendations. Install carpet cushion seams at 90-degree angle with carpet seams.

3.4 CLEANING AND PROTECTING

- A. Perform the following operations immediately after installing carpet:
 - 1. Remove excess adhesive, seam sealer, and other surface blemishes using cleaner recommended by carpet manufacturer.
 - 2. Remove yarns that protrude from carpet surface.
 - 3. Vacuum carpet using commercial machine with face-beater element.
- B. Protect installed carpet to comply with CRI 104, Section 16, "Protection of Indoor Installations."
- C. Protect carpet against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by carpet manufacturer and carpet cushion manufacturer.

END OF SECTION 09680

SECTION 096500

RESILIENT FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Vinyl Tile Flooring and Vinyl Plank Flooring

1.03 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, protect, and handle products to site under provisions of the General Requirements.
- B. Protect roll materials from damage.

1.04 ENVIRONMENTAL REQUIREMENTS

- A. Store materials for three days prior to installation in area of installation to achieve temperature stability.
- B. Maintain ambient temperature required by adhesive manufacturer three days prior to, during, and 24 hours after installation of materials.

1.05 MAINTENANCE DATA

- A. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.

1.06 EXTRA MATERIALS

- A. Provide 60 sq ft of flooring, 10 lineal feet of base, and stair materials of each material specified.

PART 2 PRODUCTS

2.01 MATERIALS – VINYL PLANK FLOORING

- A. Plank Flooring: Vinyl Plank Flooring shall be selected from collection: **Earthwerks, Chassis Advantage SPC Plus** or approved equal.
 - 1. 7"x48" planks, 2.5 mm (min) thick, 12 mil wear layer
 - 2. Submit Samples, Color & Pattern to be selected.
 - 3. Warranty, 20-year for light commercial/30-year residential

2.02 MATERIALS – VINYL COMPOSITION TILE

- A. Vinyl Composition Tile: **Tarkett, VCT II**
 - 1. Size: 12"x12"
 - 2. Thickness: 3.17mm overall
 - 3. Manufacturers:
 - a) J&J, Tarkett, Armstrong
 - b) Or as approved equal.
 - 4. Color & pattern to be selected from full line of colors.

2.03 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by adhesive material manufacturer.
- B. Primers and Adhesives: Waterproof; types recommended by flooring manufacturer.
- C. Edge Strips: Flooring material as approved.
- D. Sealer and Wax: Types recommended by flooring manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify concrete floors are dry to a maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, or dusting.
- B. Verify floor and lower wall surfaces are free of substances that may impair adhesion of new adhesive and finish materials.

3.02 PREPARATION

- A. Remove sub-floor ridges and bumps. Fill minor or local low spots, cracks, joints, holes, and other defects with sub-floor filler to achieve smooth, flat, hard surface.
- B. Prohibit traffic until filler is cured.
- C. Vacuum clean substrate.
- D. Apply primer as recommended by manufacturer.

- 3.05 INSTALLATION - TILE FLOORING
- A. Install in accordance with manufacturer's instructions.
 - B. Spread only enough adhesive to permit installation of materials before initial set.
 - C. Set flooring in place, press with heavy roller to attain full adhesion.
 - D. Lay flooring with joints and seams parallel to building lines to produce symmetrical tile pattern.
 - G. Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar.
- H. Install resilient edge strips at unprotected or exposed edges, and where flooring terminates.
- G. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.
- 3.06 CLEANING
- A. Clean all work as described in the General Requirements.
 - B. Remove access adhesive from floor, base, and wall surfaces without damage.
 - C. Clean, seal, and wax floor and base surfaces in accordance with manufacturer's instructions.
- 3.07 PROTECTION OF FINISHED WORK
- A. Protect finished Work.
 - B. Prohibit traffic on floor finish for 48 hours after installation.

END OF SECTION 09650



Generated by REScheck-Web Software
Compliance Certificate

Project The Residences at Green Meadow

Energy Code: **2021 IECC**
 Location: **San Angelo, Texas**
 Construction Type: **Multi-family**
 Project Type: **New Construction**
 Project SubType: **None**
 Conditioned Floor Area: **27,595 ft2**
 Glazing Area **14%**
 Climate Zone: **3 (2633 HDD)**
 Permit Date:
 Permit Number:
 All Electric **true**
 Is Renewable **false**
 Has Charger **false**
 Has Battery: **false**
 Has Heat Pump: **false**

Construction Site:
 San Angelo, TX

Owner/Agent:

Designer/Contractor:
 JonesGillamRenz
 730 N Ninth Street
 Salina, KS 67401

Compliance: Passes using UA trade-off

Compliance: **3.3% Better Than Code** Maximum UA: **1439** Your UA: **1392** Maximum SHGC: **0.25** Your SHGC: **0.25**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Slab-on-grade tradeoffs are no longer considered in the UA or performance compliance path in REScheck. Each slab-on-grade assembly in the specified climate zone must meet the minimum energy code insulation R-value and depth requirements.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
3rd Floor Roof: Flat Ceiling or Scissor Truss	9,224	13.0	36.0	0.020	0.026	184	240
Exterior Walls: Wood Frame, 16" o.c.	13,717	21.0	0.0	0.057	0.060	675	710
Doors: Glass Door (over 50% glazing) SHGC: 0.25	92			0.530	0.300	49	28
Type A (33 Total): Vinyl Frame SHGC: 0.25	950			0.270	0.300	257	285
Type B (56 Total): Vinyl Frame SHGC: 0.25	840			0.270	0.300	227	252
Slab on Grade: Slab-On-Grade (Unheated) Insulation depth: 2.0' Insulation position: Vertical Insulation	426		10.0	0.540	0.540	0	0

Energy Credits

Description	Credits
Enhanced Envelope Performance Option - R408.2.1	1.0

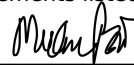
Required: 1 Proposed: 1

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2021 IECC requirements in REScheck Version : REScheck-Web and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Michael Boerst - Energy Consultant

Name - Title

Signature



12-10-2024

Date



Inspection Checklist

Energy Code: 2021 IECC

Requirements: 37.0% were addressed directly in the REScheck software

Text in the "Comments/Assumptions" column is provided by the user in the REScheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Pre-Inspection/Plan Review	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
103.1, 103.2 [PR1] ¹	Construction drawings and documentation demonstrate energy code compliance for the building envelope. Thermal envelope and energy compliance path represented on construction documents.			<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
103.1, 103.2, 403.8 [PR3] ¹	Construction drawings and documentation demonstrate energy code compliance for lighting and mechanical systems. Systems serving multiple dwelling units must demonstrate compliance with the IECC Commercial Provisions.			<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
302.1, 403.7 [PR2] ²	Heating and cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA Manual J or other methods approved by the code official.	Heating: Btu/hr <u>varies</u> Cooling: Btu/hr <u>varies</u>	Heating: Btu/hr _____ Cooling: Btu/hr _____	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Foundation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.2 [FO1] ¹	Slab edge insulation R-value.	R-____ <input type="checkbox"/> Unheated <input type="checkbox"/> Heated	R-____ <input type="checkbox"/> Unheated <input type="checkbox"/> Heated	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2, 402.2.10 [FO2] ¹	Slab edge insulation installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
402.1.2 [FO3] ¹	Slab edge insulation depth/length.	____ ft	____ ft	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2.1 [FO11] ²	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below grade.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
403.9 [FO12] ²	Snow and ice-melting system controls installed to shut off system when pavement temperature > 50F and no precipitation.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1, 402.3.1, 402.3.3, 402.5 [FR2] ¹	Glazing U-factor (area-weighted average).	U-____	U-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
402.1, 402.3.2, 402.3.3, 402.5 [FR3] ¹	Glazing SHGC value (area-weighted average).	SHGC:____	SHGC:____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.1.3 [FR4] ¹	U-factors of fenestration products are determined in accordance with the NFRC test procedure or taken from the default table.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
402.4.1.1 [FR23] ¹	Air barrier and thermal barrier installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
402.4.3 [FR20] ¹	Fenestration that is not site built is listed and labeled as meeting AAMA /WDMA/CSA 101/I.S.2/A440 or has infiltration rates per NFRC 400 that do not exceed code limits.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
402.4.5 [FR16] ²	IC-rated recessed lighting fixtures sealed at housing/interior finish and labeled to indicate ≤2.0 cfm leakage at 75 Pa.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement is not applicable.
403.3.1 [FR12] ¹	Supply and return ducts in attics insulated ≥ R-8 where duct is ≥ 3 inches in diameter and ≥ R-6 where < 3 inches.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.4 [FR13] ¹	Ducts, air handlers and filter boxes are sealed with joints/seams compliant with International Mechanical Code or International Residential Code, as applicable.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.7 [FR15] ³	Building cavities are not used as ducts or plenums.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.4 [FR17] ²	HVAC piping conveying fluids above 105 °F or chilled fluids below 55 °F are insulated to ≥R-3.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.4.1 [FR24] ¹	Protection of insulation on HVAC piping.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.6 [FR29] ³	Electrical and communication boxes installed in the thermal boundary of the envelope sealed to limit air leakage between conditioned and unconditioned spaces.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
403.5.2 [FR18] ² 	Hot water pipes are insulated to $\geq R-3$.	R-_____	R-_____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.6 [FR19] ²	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts for mechanical ventilation systems.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
403.6.1 [FR30] ²	Ventilation systems in climate zones 7 & 8 shall utilize heat or energy recovery			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
303.1 [IN13] ²	All installed insulation is labeled or the installed R-values provided.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
402.1, 402.2.5, 402.2.6 [IN3] ¹	Wall insulation R-value. If this is a mass wall with at least 1/2 of the wall insulation on the wall exterior, the exterior insulation requirement applies (FR10).	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Mass <input type="checkbox"/> Steel	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Mass <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2 [IN4] ¹	Wall insulation is installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:




1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1, 402.2.1, 402.2.2, 402.2.6 [FI1] ¹	Ceiling insulation R-value.	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.1.1.1, 303.2 [FI2] ¹	Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft ² .			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
402.2.3 [FI22] ²	Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extends over insulation.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement is not applicable.
402.2.4 [FI3] ¹	Attic access hatch and door insulation ≥R-value of the adjacent assembly.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
402.4.1.3 [FI17] ¹	Blower door test @ 50 Pa. ≤5.0 ach in Climate Zones 1-2, and ≤3.0 ach in Climate Zones 3-8.	ACH 50 = ____	ACH 50 = ____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
403.3.5 [FI27] ¹	Ducts are pressure tested in accordance with ANEI/RESNET/ICC 380 or ASTM E1554 to determine air leakage with either: Rough-in test: Total leakage measured with a pressure differential of 0.1 inch w.g. across the system including the manufacturer's air handler enclosure if installed at time of test. Postconstruction test: Total leakage measured with a pressure differential of 0.1 inch w.g. across the entire system including the manufacturer's air handler enclosure.	____ cfm/100 ft ²	____ cfm/100 ft ²	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.6 [FI4] ¹	Duct tightness test result of ≤4 cfm/100 ft ² across the system or ≤3 cfm/100 ft ² without air handler @ 25 Pa. Duct tightness ≤ 8 cfm/100 ft ² for ducts within thermal envelope. For rough-in tests, verification may need to occur during Framing Inspection.	____ cfm/100 ft ²	____ cfm/100 ft ²	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.4.1 [FI24] ¹	Air handler leakage designated by manufacturer at ≤2% of design air flow.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.1.1 [FI9] ²	Programmable thermostats installed for control of primary heating and cooling systems and initially set by manufacturer to code specifications.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.1 [FI11] ²	Circulating service hot water systems have automatic or accessible manual controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
403.2 [FI26] ²	Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature or water temperature sensing.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.1.1 [FI28] ²	Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermos-syphon circulation systems are not present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.1.2 [FI29] ²	Electric heat trace systems comply with IEEE 515.1 or UL 515. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.3 [FI31] ²	Drain water heat recovery units tested in accordance with CSA B55.1. Potable water-side pressure loss of drain water heat recovery units < 3 psi for individual units connected to one or two showers. Potable water-side pressure loss of drain water heat recovery units < 2 psi for individual units connected to three or more showers.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.6.2 [FI25] ²	All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.6.2.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.6.3 [FI33] ²	Mechanical ventilation systems tested and verified to meet the minimum flow rates required by Section R403.6.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.1.1.1 [FI32] ²	Demand recirculation water systems have automatic controls to start pump when hot water is requested.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
404.1 [FI6] ¹	100% of permanent fixtures have high efficacy lamps.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
404.1.2 [FI23] ³	Fuel gas lighting systems have no continuous pilot light.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
404.1.1 [FI35] ³ 	Exterior lighting for multifamily buildings shall comply with Section C405.4.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
404.2 [FI36] ³ 	Permanent interior lighting shall be controlled with either a dimmer, occupancy sensor or other control built into the fixture.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
404.3 [FI37] ³ 	Exterior lighting \geq 30 watts shall have the following controls: manual on/off switch with automatic shut-off, automatic shut-off in daylight hours, and controls that override automatic shutoff that returns to automatic control within 24 hours.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
401.3 [FI7] ²	Compliance certificate posted with building specifications and compliance path and results.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
303.3 [FI18] ³	Manufacturer manuals for mechanical and water heating systems have been provided.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
408.2.1 [FI38] ³	Enhanced Envelope Performance Option: Proposed building UA = 0.95 UA of 2021 IECC Standard Reference Design.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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