

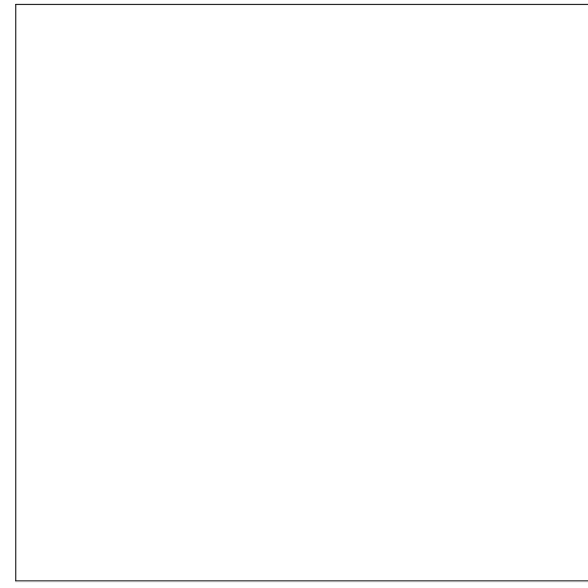
BUILDING CODE NOTES:

1. THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES-WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS AND/OR ADDITIONAL EXPENSES.
2. AN APPROVED SEISMIC GAS SHUT-OFF VALVE WILL BE INSTALLED ON THE FUEL GAS LINE ON THE DOWNSTREAM SIDE OF THE UTILITY METER AND BE RIGIDLY CONNECTED TO THE EXTERIOR OF THE BUILDING OR STRUCTURE CONTAINING THE FUEL GAS PIPING. (PER ORDINANCE 170-158) (SEPARATE PLUMBING PERMIT IS REQUIRED).
3. PLUMBING FIXTURES ARE REQUIRED TO BE CONNECTED TO A SANITARY SEWER OR TO AN APPROVED SEWAGE DISPOSAL SYSTEM (R306.3).
4. KITCHEN SINKS, LAVATORIES, BATHTUBS, SHOWERS, BIDETS, LAUNDRY TUBS AND WASHING MACHINE OUTLETS SHALL BE PROVIDED WITH HOT AND COLD WATER AND CONNECTED TO AN APPROVED WATER SUPPLY (R306.4).
5. BATHTUB AND SHOWER FLOORS, WALLS ABOVE BATHTUBS WITH A SHOWERHEAD, AND SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE. SUCH WALL SURFACES SHALL EXTEND TO A HEIGHT OF NOT LESS THAN 6 FEET ABOVE THE FLOOR (R307.2).
6. PROVIDE ULTRA-LOW FLUSH WATER CLOSETS FOR ALL NEW CONSTRUCTION. EXISTING SHOWER HEADS AND TOILETS MUST BE ADAPTED FOR LOW WATER CONSUMPTION. UNIT SKYLIGHTS SHALL BE LABELED. SUCH LABEL SHALL STATE THE APPROVED LABELING AGENCY NAME, PRODUCT DESIGNATION AND PERFORMANCE GRADE RATING. (RESEARCH REPORT NOT REQUIRED). (R308.6.9)
7. ALL NEW, REPLACEMENT AND EXISTING WATER HEATERS SHALL BE STRAPPED TO THE WALL IN TWO PLACES, ONE IN THE UPPER 1/3 OF THE TANK AND ONE IN THE LOWER 1/3 OF THE TANK. THE LOWER POINT SHALL BE A MINIMUM OF 4-IN. ABOVE THE CONTROLS. (PC 507.2)
8. ALL SHOWERS AND TUB-SHOWERS SHALL HAVE A PRESSURE BALANCE, THERMOSTATIC MIXING VALVE, OR A COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING TYPE VALVE. (PC 408.9)
9. FOR EXISTING POOL ON SITE, PROVIDE AN ALARM FOR DOORS TO THE DWELLING THAT FORM A PART OF THE POOL ENCLOSURE. THE ALARM SHALL SOUND CONTINUOUSLY FOR A MIN. OF 30 SECONDS WHEN THE DOOR IS OPENED. IT SHALL AUTOMATICALLY RESET AND BE EQUIPPED WITH A MANUAL MEANS TO DEACTIVATE (FOR 15 SECS. MAX.) FOR A SINGLE OPENING. THE DEACTIVATION SWITCH SHALL BE AT LEAST 54" ABOVE THE FLOOR. (6109 OF LABC)
10. FOR EXISTING POOL ON SITE, PROVIDE AN ANTI-ENTRAPMENT COVER MEETING THE CURRENT ASTM OR ASME FOR THE SUCTION OUTLETS OF THE SWIMMING POOL, TODDLER POOL AND SPA FOR SINGLE FAMILY DWELLINGS PER ASSEMBLY BILL (AB) NO. 2977. (31628)
11. AUTOMATIC GARAGE DOOR OPENERS, IF PROVIDED, SHALL BE LISTED IN ACCORDANCE WITH UL 325. (R309.4)
12. SMOKE DETECTORS SHALL BE PROVIDED FOR ALL DWELLING UNITS INTENDED FOR HUMAN OCCUPANCY UPON THE OWNER'S APPLICATION FOR A PERMIT FOR ALTERATIONS, REPAIRS, OR ADDITIONS EXCEEDING ONE THOUSAND DOLLARS (\$1,000). (R314.2)
13. WHERE A PERMIT IS REQUIRED FOR ALTERATIONS, REPAIRS OR ADDITIONS EXCEEDING ONE THOUSAND DOLLARS (\$1,000), EXISTING DWELLINGS OR SLEEPING UNITS THAT HAVE ATTACHED GARAGES OR FUEL-BURNING APPLIANCES SHALL BE PROVIDED WITH A CARBON MONOXIDE ALARM IN ACCORDANCE WITH SECTION R315.2. CARBON MONOXIDE ALARMS SHALL ONLY BE REQUIRED IN THE SPECIFIC DWELLING UNIT OR SLEEPING UNIT FOR WHICH THE PERMIT WAS OBTAINED. (R315.2.2)
14. EVERY SPACE INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH NATURAL LIGHT BY MEANS OF EXTERIOR GLAZED OPENINGS IN ACCORDANCE WITH SECTION R303.1 OR SHALL BE PROVIDED WITH ARTIFICIAL LIGHT THAT IS ADEQUATE TO PROVIDE AN AVERAGE ILLUMINATION OF 6 FOOT-CANDLES OVER THE AREA OF THE ROOM AT A HEIGHT OF 30 INCHES ABOVE THE FLOOR LEVEL. (R303.1)
15. A COPY OF THE EVALUATION REPORT AND/OR CONDITIONS OF LISTING SHALL BE MADE AVAILABLE AT THE JOB SITE.

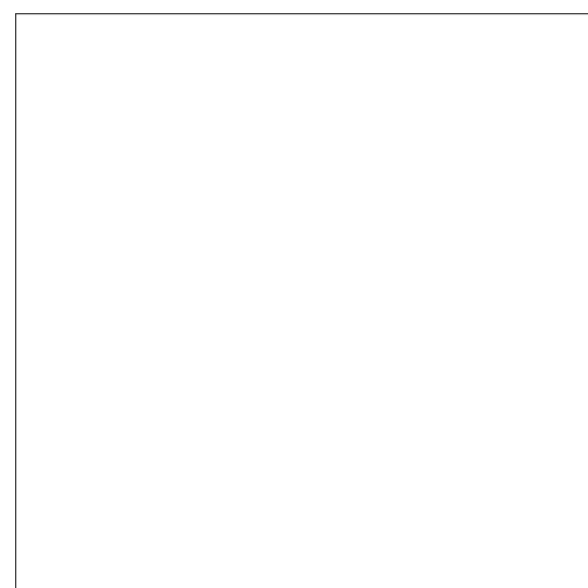
SITE PLAN NOTES:

1. ALL PORTIONS OF REQUIRED FRONT YARD NOT USED FOR NECESSARY DRIVEWAYS AND WALKWAYS, INCLUDING DECORATIVE WALKWAYS SHALL BE USED FOR PLANTING AND SHALL NOT BE PAVED.
2. AUTOMATIC IRRIGATION SYSTEM CONTROLLERS TO BE WEATHER- OR SOIL-BASED CONTROLLERS.
3. FOR PROJECTS THAT INCLUDE LANDSCAPE WORK, THE LANDSCAPE CERTIFICATION, FORM GRN12, SHALL BE COMPLETED PRIOR TO FINAL INSPECTION APPROVAL.
4. ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS, OR OTHER OPENINGS IN THE BUILDING'S ENVELOPE AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR SIMILAR METHODS. (4.406.1)
5. MATERIALS DELIVERED TO THE CONSTRUCTION SITE SHALL BE PROTECTED FROM RAIN OR OTHER SOURCES OF MOISTURE.
6. CONSTRUCTION WASTE SHALL BE REDUCED BY 50%.
7. AN OPERATION AND MAINTENANCE MANUAL INCLUDING, AT A MINIMUM, THE ITEMS LISTED IN SECTION 4.410.1 SHALL BE COMPLETED AND PLACED IN THE BUILDING AT THE TIME OF FINAL INSPECTION. FORM GRN 6
8. LOT SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS WITH A MINIMUM FALL OF 6" WITHIN THE FIRST 10 FEET.
9. ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, OR SHEET METAL UNTIL THE FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT.
10. THE VOC CONTENT VERIFICATION CHECKLIST, FORM GRN 2, SHALL BE COMPLETED AND VERIFIED PRIOR TO FINAL INSPECTION APPROVAL. THE MANUFACTURER'S SPECIFICATIONS SHOWING VOC CONTENT FOR ALL APPLICABLE PRODUCTS SHALL BE READILY AVAILABLE AT THE JOB SITE AND BE PROVIDED TO THE FIELD INSPECTOR FOR VERIFICATION. (4.504.2.4, 4.504.2.4)
11. ADHESIVES, SEALANTS AND CAULKS SHALL MEET OR EXCEED THE STANDARDS OUTLINED IN SECTION 4.504.2.1 AND COMPLY WITH THE VOC LIMITS IN TABLES 4.504.1 AND 4.504.2 AS APPLICABLE. (4.504.2.1)
12. PAINTS AND COATINGS SHALL MEET OR EXCEED THE STANDARDS OUTLINED IN SECTION 4.504.2.2 AND COMPLY WITH THE VOC LIMITS IN TABLE 4.504.3
13. AEROSOL PAINTS AND COATINGS SHALL MEET OR EXCEED THE STANDARDS OUTLINED IN SECTION 4.504.2.3. (4.504.2.3)
14. ALL NEW CARPET INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE TESTING AND PRODUCT REQUIREMENTS OF ONE OF THE FOLLOWING:
 - A. CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM OR
 - B. CALIFORNIA DEPARTMENT OF PUBLIC HEALTH STANDART METHOD OF THE TESTING OF VOC EMISSIONS (SPECIFICATION 01350) OR
 - C. NSF/ANSI 140 AT THE GOLD LEVEL OR
 - D. SCIENTIFIC CERTIFICATIONS SYSTEMS INDOOR ADVANTAGE GOLD (4.504.3)
15. ALL NEW CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM. CARPET ADHESIVES SHALL NOT EXCEED A VOC LIMIT OF 50 G/L (4.504.3.1, 4.504.3.2)
16. A MINIMUM OF 85% OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH ONE OR MORE OF THE FOLLOWING:
 - A. PRODUCTS CERTIFIED AS A LOW-EMITTING MATERIAL IN THE CHPS HIGH PERFORMANCE PRODUCTS DATABASE OR
 - B. VOC EMISSION LIMITS DEFINED IN THE CHPS HIGH PERFORMANCE PRODUCTS DATABASE OR
 - C. PRODUCTS COMPLIANT WITH THE CHPS CRITERIA CERTIFIED UNDER THE GREENGUARD CHILDREN & SCHOOLS PROGRAM OR
 - D. CERTIFICATION UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFICI) FLOORSORE PROGRAM OR
 - E. MEET THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S SPECIFICATION
17. NEW HARDWOOD PLYWOOD, PARTICLE BOARD, AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED IN THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE FORMALDEHYDE LIMITS LISTED IN TABLE 4.504.5, TABLE 9.504.5, (4.504.5, 9.504.5)
18. THE FORMALDEHYDE EMISSIONS VERIFICATION CHECKLIST, FORM GRN 3, SHALL BE COMPLETED PRIOR TO FINAL INSPECTION APPROVAL. THE MANUFACTURER'S SPECIFICATIONS SHOWING FORMALDEHYDE CONTENT FOR ALL APPLICABLE WOOD PRODUCTS SHALL BE READILY AVAILABLE AT THE JOB SITE AND BE PROVIDED TO THE FIELD INSPECTOR FOR VERIFICATION (4.504.5.1, 9.504.5.1)
19. BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE INSTALLED. THE BUILDING INSPECTOR SHALL NOT ENCLOSE WALL AND FLOOR FRAMING UNTIL IT IS INSPECTED AND FOUND TO BE SATISFACTORY.
20. THE HEATING AND AIR-CONDITIONING SYSTEMS SHALL BE SIZED AND DESIGNED USING ANSII/ACCA MANUAL J-2004, ANSII/ACCA 29-D-2009 OR ASHRAE HANDBOOKS AND HAVE THEIR EQUIPMENT SELECTED IN ACCORDANCE WITH ANSII/ACCA 36-S MANUAL S.
21. PROVIDE MINIMUM 1" (INSIDE DIAMETER) LISTED RACEWAY INSTALLED FOR EACH UNIT TO ACCOMMODATE A DEDICATED 208 /240 VOLT BRUNCH CIRCUIT. THE RACEWAY SHALL ORIGINATE AT THE MAIN SERVICE OR A SUBPANEL AND TERMINATE IN CLOSE PROXIMITY TO THE PROPOSED LOCATION OF THE CHARGING SYSTEM INTO A LISTED CABINET, BOX OR ENCLOSURE. SUFFICIENT CONDUIT SIZING AND SERVICE CAPACITY TO INSTALL LEVEL 2 EVSE SHALL BE PROVIDED. A LABEL STATING 'EV CAPABLE' SHALL BE POSTED IN CONSPICUOUS PLACE AT THE SERVICE PANEL OR SUBPANEL AND NEXT TO THE RACE WAY TERMINATION POINT.
22. THE MAIN ELECTRICAL SERVICE PANEL SHALL HAVE A RESERVED SPACE TO ALLOW FOR INSTALLATION OF A DOUBLE POLE CIRCUIT BREAKER FOR A FUTURE SOLAR ELECTRICAL INSTALLATION. THE RESERVED SPACE SHALL BE POSITIONED AT THE OPPOSITE (LOAD) END FROM THE INPUT FEEDER LOCATION OR MAIN CIRCUIT LOCATION AND SHALL BE PERMANENTLY MARKED AS "FOR FUTURE SOLAR ELECTRIC."
23. BUILDINGS SHALL HAVE APPROVED ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION PLACE IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.
24. PROTECTION OF WOOD AND WOOD BASED PRODUCTS FROM DECAY SHALL BE PROVIDED IN THE LOCATIONS SPECIFIED PER SECTION R317.1 BY THE USE OF NATURALLY DURABLE WOOD OR WOOD THAT IS PRESERVATIVE-TREATED IN ACCORDANCE WITH AWPA U1 FOR THE SPECIES. PRODUCE, PRESERVATIVE AND END USE PRESERVATIVES SHALL BE LISTED IN SECTION 4 OF AWPA U1.
25. PROVIDE ANTI-GRAFFITI FINISH WITHIN THE FIRST 9 FEET, MEASURED FROM GRADE, AT EXTERIOR WALLS AND DOORS.
26. APPLICATIONS FOR WHICH NO PERMIT IS ISSUED WITHIN 180 DAYS FOLLOWING THE DATE OF APPLICATION SHALL AUTOMATICALLY EXPIRE. (R105.3.2 CRC)
27. EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS WORK AUTHORIZED IS COMMENCED WITHIN 180 DAYS OR IF THE WORK AUTHORIZED IS SUSPENDED OR ABANDON FOR A PERIOD OF 180 DAYS. A SUCCESSFUL INSPECTION MUST BE OBTAINED WITHIN 180 DAYS. A PERMIT MAY BE EXTENDED IF A WRITTEN REQUEST STATING JUSTIFICATION FOR EXTENSION AND AN EXTENSION FEE IS RECEIVED PRIOR TO EXPIRATION OF THE PERMIT AND GRANTED BY THE BUILDING OFFICIAL. NO MORE THAN ONE (1) EXTENSION MAY BE GRANTED. PERMITS WHICH HAVE BECOME INVALID SHALL PAY A REACTIVATION FEE OF APPROXIMATELY 50% OF THE ORIGINAL PERMIT FEE AMOUNT WHEN THE PERMIT HAS BEEN EXPIRED FOR UP TO SIX (6) MONTHS. WHEN A PERMIT HAS BEEN EXPIRED FOR A PERIOD IN EXCESS OF ONE (1) YEAR, THE REACTIVATION FEE SHALL BE APPROXIMATELY 100% OF THE ORIGINAL PERMIT FEE. (R105.3 CRC)
28. EFFECTIVE JAN 1, 2014, SB 407 REQUIRES REPLACEMENT OF ALL NONCOMPLIANT PLUMBING FIXTURES IN PROPERTIES BUILT ON OR BEFORE JAN 1, 1994 WITH WATER-CONSERVING PLUMBING FIXTURES.
29. THE PANEL OR SUBPANEL SHALL PROVIDE CAPACITY TO INSTALL A 40-AMPERE MINIMUM DEDICATED BRANCH CIRCUIT AND SPACE(S) RESERVED TO PERMIT INSTALLATION OF A BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE.
30. THE SERVICE PANEL OR SUBPANEL CIRCUIT DIRECTORY SHALL IDENTIFY THE OVERCURRENT PROTECTIVE DEVICE SPACE(S) RESERVED FOR FUTURE EV CHARGING AS EV CAPABLE. THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENT AND VISIBLY MARKED EV CAPABLE.
31. EARTH IMPORT AND EXPORT ACTIVITIES MAY TAKE PLACE ONLY BETWEEN THE HOURS OF 9:00A.M. AND 3:00 P.M., MONDAY THROUGH FRIDAY.
32. MIN. 1" (INSIDE DIAMETER) LISTED RACEWAY IS INSTALLED FOR EACH UNIT TO ACCOMMODATE A DEDICATED 198/240 VOLT BRANCH CIRCUIT. THE RACEWAY SHALL ORIGINATE AT THE MAIN SERVICE OR A SUBPANEL AND TERMINATE IN CLOSE PROXIMITY TO THE PROPOSED LOCATION OF THE CHARGING SYSTEM INTO A LISTED CABINET, BOX OR ENCLOSURE.
33. THE PANEL OR SUBPANEL SHALL PROVIDE CAPACITY TO INSTALL A 40-AMPERE MIN. DEDICATED BRANCH CIRCUIT AND SPACE(S) RESERVED TO PERMIT INSTALLATION OF BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE.
34. THE SERVICE PANEL OR SUBPANEL CIRCUIT DIRECTORY SHALL IDENTIFY THE OVERCURRENT PROTECTIVE DEVICE SPACE(S) RESERVED FOR FUTURE EV CHARGING AS EV CAPABLE. THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENT AND VISIBLY MARKED EV CAPABLE.

VICINITY MAP



TRANSIT BUS:



LEGEND

- NEW WALLS/CONSTRUCTIONS
- EXISTING WALLS/CONSTRUCTIONS
- SLOPE

SHEET INDEX

- 0.1 PROPOSED SITE PLAN
- 0.2 GENERAL NOTES, MODIFICATIONS
- 0.3 ROOF MODIFICATION
- 0.4 GREEN BUILDING REQUIREMENTS
- 0.5 GREEN BUILDING REQUIREMENTS
- 0.6 SFD ENERGY CORRECTION NOTES, VHFHSZ REQUIREMENTS
- T24.1/T24.2 TITLE 24
- 1.0 PROPOSED ADU FLOOR PLAN
- 2.0 PROPOSED ADU ROOF PLAN
- 3.0 PROPOSED ELECTRICAL PLAN
- 4.0 PROPOSED ADU ELEVATIONS, SECTION A-A
- DETAILS
- 3D RENDERINGS
- STRUCTURAL (6 SHEETS)

AREA CALCULATIONS

LOT COVERAGE CALCULATIONS

LOT AREA:	
(E) SINGLE FAMILY RESIDENCE: (N) 1-STORY DETACHED ADU:	446.0 S.F.
TOTAL AREA:	

BUILDING CODE DATA

TYPE OF CONSTRUCTION:	TYPE VB
SPRINKLERED:	IF (E) BUILDING IS SPRINKLERED
OCCUPANCY CLASSIFICATION(S):	R3U
LAND USE:	LOW RESIDENTIAL
NUMBER OF STORIES:	1 STORY RESIDENTIAL: GARAGE
BUILDING HEIGHT:	14' - 2"
GOVERNING CODES:	THE CONSTRUCTION OF THIS PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF: 2022 CALIFORNIA BUILDING CODE WITH 2023 LA COUNTY AMENDMENTS 2022 CALIFORNIA RESIDENTIAL CODE WITH 2023 LA COUNTY AMENDMENTS 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE WITH 2023 LA COUNTY AMENDMENTS 2022 CALIFORNIA MECHANICAL CODE WITH 2023 LA COUNTY AMENDMENTS 2022 CALIFORNIA ELECTRICAL CODE WITH 2023 LA COUNTY AMENDMENTS 2022 CALIFORNIA PLUMBING CODE WITH 2023 LA COUNTY AMENDMENTS 2022 CALIFORNIA FIRE CODE WITH 2023 LA COUNTY AMENDMENTS 2022 CALIFORNIA ENERGY CODE WITH 2023 LA COUNTY AMENDMENTS

PROJECT INFORMATION

SCOPE OF WORK

1. NEW DETACHED ADU

PROJECT DATA / SQ. FT.

PROJECT ADDRESS: ADDRESS
 TYPE OF CONSTRUCTION: TYPE V-B
 ZONE: R-1
 HILLSIDE:
 FLOOD ZONE: (YES OR NO)
 SPRINKLERED: SPRINKLERED PER NFPA 130 IF (E) STRUCTURE IS SPRINKLERED
 GROSS SITE AREA:
 A.P.N. #:
 TRACT:
 LOT(S):
 BLOCK:

PARKING

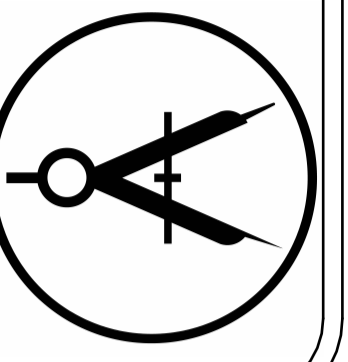
OWNER INFO

NAME: SAA STRUCTURAL ENGINEERING, INC.
 ADDRESS: 23901 CALABASAS ROAD, SUITE 1023, CALABASAS, CA 91302
 PHONE: 323-448-4682
 E-MAIL: NIC@SAAENG.COM

DRAFTER INFO

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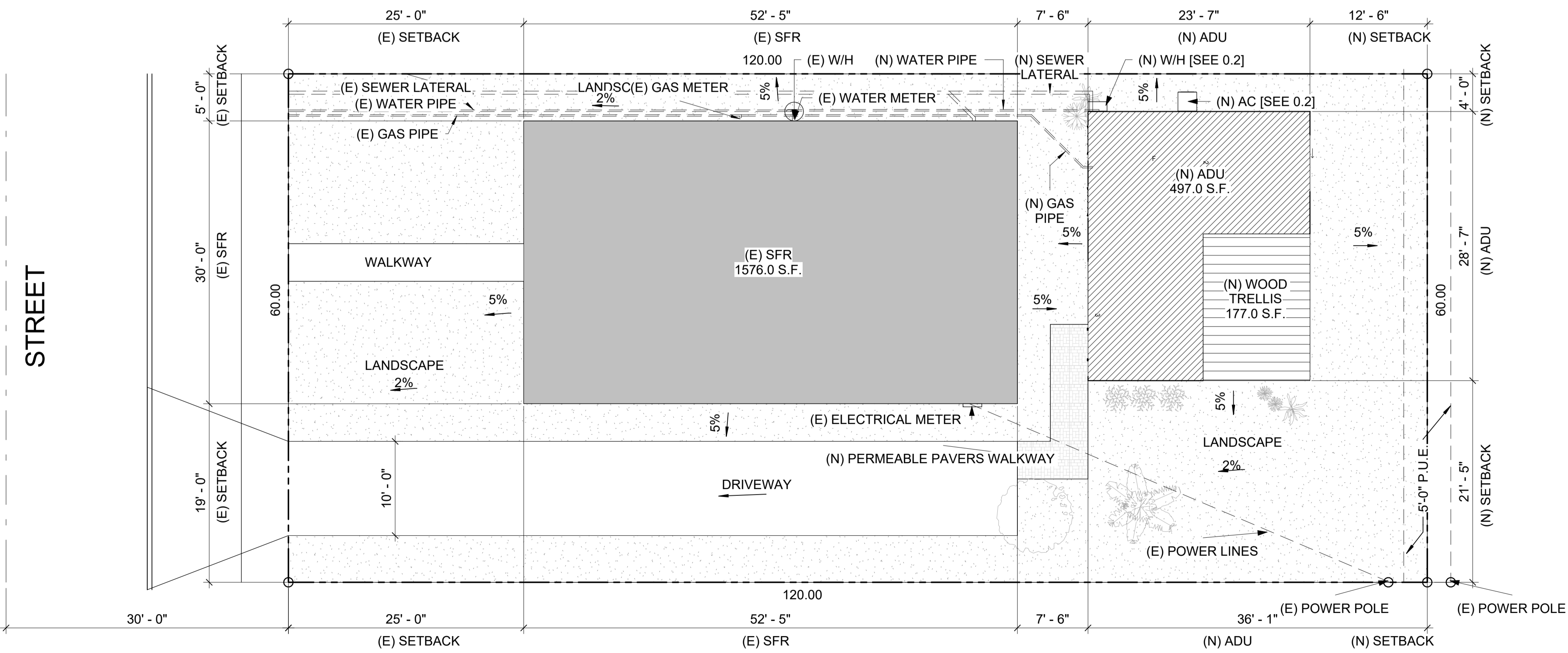


PROJECT ADDRESS

PROPOSED SITE PLAN

OWNER'S NAME:
 OWNER'S ADDRESS:
 NOTES:
 SCALE:
 DATE: 08.19.2024

0.1



1 SAMPLE SITE PLAN
 1/8" = 1'-0"



SFD ENERGY CORRECTION NOTES:

10. ADMINISTRATIVE REQUIREMENTS:
- A) THE PERSON IN CHARGE OF THE CONSTRUCTION OR INSTALLATION, WHO IS ELIGIBLE UNDER DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE TO ACCEPT RESPONSIBILITY FOR THE CONSTRUCTION OR INSTALLATION OF REGULATED MANUFACTURED DEVICES SHALL POST, OR MAKE AVAILABLE WITH THE BUILDING PERMIT(S) ISSUED FOR 2022 LOW-RISE RESIDENTIAL ENERGY CORRECTION LIST.DOCX 3 THE BUILDING, THE CERTIFICATE OF INSTALLATION DOCUMENTATION FOR MANUFACTURED DEVICES REGULATED BY THE APPLIANCE EFFICIENCY REGULATIONS OR PART 6. SUCH CERTIFICATE OF INSTALLATION DOCUMENTATION SHALL BE MADE AVAILABLE TO THE ENFORCEMENT AGENCY FOR ALL APPLICABLE INSPECTIONS. THESE CERTIFICATES SHALL:
- I) IDENTIFY FEATURES, MATERIALS, COMPONENTS, MANUFACTURED DEVICES, AND SYSTEM DIAGNOSTIC RESULTS REQUIRED TO VERIFY COMPLIANCE WITH THE APPLIANCE EFFICIENCY REGULATIONS AND PART 6.
- II) STATE THE NUMBER OF THE BUILDING PERMIT UNDER WHICH THE CONSTRUCTION OR INSTALLATION WAS PERFORMED. SECTIONS OF THE CERTIFICATE(S), FOR WHICH SUBMITTAL TO A HERS PROVIDER DATA REGISTRY IS REQUIRED, SHALL DISPLAY THE UNIQUE REGISTRATION NUMBER ASSIGNED BY THE HERS DATA REGISTRY.
- III) INCLUDE A DECLARATION STATEMENT INDICATING THAT THE CONSTRUCTED OR INSTALLED FEATURES, MATERIALS, COMPONENTS, OR MANUFACTURED DEVICES CONFORM TO ALL APPLICABLE CODES AND REGULATIONS, AND TO THE REQUIREMENTS FOR SUCH DEVICES GIVEN IN THE PLANS AND SPECIFICATIONS APPROVED BY THE LOCAL ENFORCEMENT AGENCY.
- IV) BE SIGNED BY THE DOCUMENTATION AUTHOR TO CERTIFY THE DOCUMENTATION IS ACCURATE AND COMPLETE.
- V) BE SIGNED BY THE INDIVIDUAL ELIGIBLE UNDER DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE TO ACCEPT RESPONSIBILITY FOR CONSTRUCTION, OR INSTALLATION IN THE APPLICABLE CLASSIFICATION FOR THE SCOPE OF WORK SPECIFIED ON THE CERTIFICATE OF INSTALLATION DOCUMENT(S). SEC. 10-103 (A) 3 A
- VI) THE BUILDER SHALL PROVIDE THE BUILDING OWNER OR THE PERSON(S) RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE FEATURE, MATERIAL, COMPONENT OR MECHANICAL DEVICE INSTALLED (IN CASE OF MULTI-TENANT OR CENTRALLY OPERATED BUILDINGS) WITH THE FOLLOWING AT THE TIME OF OCCUPANCY: COMPLIANCE INFORMATION, THE APPROPRIATE COMPLETED AND SIGNED CERTIFICATE(S) OF COMPLIANCE, CERTIFICATE(S) OF INSTALLATION, AND IF APPLICABLE CERTIFICATE(S) OF VERIFICATION DOCUMENTATION SUBMITTED.
- VII) OPERATING INFORMATION, THE APPROPRIATE CERTIFICATE(S) OF COMPLIANCE AND A LIST OF THE FEATURES, MATERIALS, COMPONENTS, AND MECHANICAL DEVICES INSTALLED IN THE BUILDING AND INSTRUCTIONS ON HOW TO OPERATE THEM CORRECTLY AND EFFICIENTLY.
- VIII) MAINTENANCE INFORMATION. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY STATED AND INCORPORATED ON A READILY ACCESSIBLE LABEL. THE LABEL MAY BE LIMITED TO IDENTIFYING THE OPERATION AND MAINTENANCE MANUAL.
- IX) VENTILATION INFORMATION. A DESCRIPTION OF THE QUANTITY OF OUTDOOR AIR THAT THE VENTILATION SYSTEM IS DESIGNED TO PROVIDE TO THE BUILDING CONDITIONED SPACE, AND INSTRUCTIONS FOR PROPER OPERATION AND MAINTENANCE. SEC. 10-103 (B)
- B) THE ENFORCEMENT AGENCY SHALL NOT ISSUE A CERTIFICATE OF OCCUPANCY UNTIL ALL REQUIRED CERTIFICATES OF VERIFICATION ARE POSTED AND MADE AVAILABLE TO THE BUILDING DEPARTMENT FOR ALL APPLICABLE INSPECTIONS, AND THAT ALL CERTIFICATES OF VERIFICATION CONFORM TO THE SPECIFICATIONS OF SECTION 10-103(A)5. SEC. 10-103 (D) 2
11. MANDATORY MEASURES: THE FOLLOWING CIRCLED ITEMS REPRESENT THE MANDATORY MEASURES FOR ALL BUILDINGS AND SHALL APPEAR AS NOTES ON THE PLANS.
- A) MANUFACTURED FENESTRATION PRODUCTS AND EXTERIOR DOORS SHALL:
- 1) HAVE A CLEARLY VISIBLE TEMPORARY LABEL MEETING THE REQUIREMENTS OF SEC. 10-111 (A) 1, NOT TO BE REMOVED BEFORE INSPECTION BY THE ENFORCEMENT AGENCY, LISTING THE CERTIFIED U-FACTOR, THE SOLAR HEAT GAINS COEFFICIENT (SHGC), AND VISIBLE TRANSMITTANCE (VT) CERTIFYING THAT THE AIR LEAKAGE REQUIREMENTS OF SEC. 110.6 (A) 1 ARE MET FOR EACH PRODUCT LINE; AND NFRC PROCEDURES. SEC. 110.6 (A)
- B) FIELD-FABRICATED FENESTRATION AND FIELD-FABRICATED EXTERIOR DOORS SHALL BE CAULKED BETWEEN THE FENESTRATION PRODUCTS OR EXTERIOR DOOR AND THE BUILDING, AND SHALL BE WEATHER STRIPPED. EXCEPTION: UNFRAMED GLASS DOORS AND FIRE DOORS. SEC. 110.6 (B)
- C) JOINTS, PENETRATIONS AND OTHER OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHER STRIPPED, OR OTHERWISE SEALED TO LIMIT INFILTRATION AND EXFILTRATION. SEC. 110.7
- D) ALL INSULATING MATERIAL SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAMESPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF THE CBC. SEC. 110.8 (C)
- E) NO MECHANICAL EQUIPMENT NOR PLUMBING VENTS SHALL BE LOCATED WITHIN THE DESIGNATED "SOLAR ZONE" AREAS. SEC. 110.10 (B) 1-B
- F) ANY ROOFING PRODUCT USED AS A COOL ROOF SHALL BE CERTIFIED AND LABELED IN ACCORDANCE WITH THE REQUIREMENTS OF SEC. 10-113 BY THE COOL ROOF RATING COUNCIL (CRRC) AND MEET CONDITIONS SET IN SEC. 110.8 (I)
- G) NEW SPACE CONDITIONING EQUIPMENT SHALL MEET THE APPLICABLE EFFICIENCY REQUIREMENTS OF TABLES 110.2.2(A-N), SEC. 110.2 (A)
- H) ALL UNITARY SYSTEMS NOT CONTROLLED BY EMS SHALL HAVE SETBACK THERMOSTATS, CAPABLE TO PROGRAM TEMPERATURE SETPOINTS FOR AT LEAST FOUR PERIODS WITHIN A 24 HR. PERIOD. SEC. 110.2 (C)
- I) HEAT PUMPS WITH SUPPLEMENTARY ELECTRIC RESISTANCE HEATERS SHALL HAVE CONTROLS:
- 1) THAT PREVENT SUPPLEMENTARY HEATER OPERATION WHEN THE HEATING LOAD CAN BE MET BY THE HEAT PUMP ALONE; AND
- 2) IN WHICH THE CUT-ON TEMPERATURE FOR COMPRESSION HEATING IS HIGHER THAN CUT-ON TEMPERATURE FOR SUPPLEMENTARY HEATING, CUT-OFF TEMPERATURE FOR COMPRESSION HEATING IS HIGHER THAN THE CUT-OFF TEMPERATURE FOR SUPPLEMENTAL HEATING. SEC. 110.2 (B)
- J) INSULATION FOR WATER TANKS (STORAGE TANKS OR BACKUP STORAGE TANKS FOR SOLAR WATER HEATING) AND PIPING (SPACE-CONDITIONING SYSTEMS, SOLAR WATER-HEATING SYSTEM AND DISTRIBUTION HEATING SYSTEM) SHALL MEET THE REQUIREMENT OF SEC. 12.3 (A).
- K) ALL INSTALLED LUMINAIRES SHALL MEET TABLE 150.0-A.
- L) ALL FACTORY FABRICATED DUCT SYSTEMS SHALL COMPLY WITH UL 181. THIS INCLUDES ALL DUCTS, AND CLOSURE SYSTEMS SUCH AS COLLARS, CONNECTIONS AND SPLICES, LABELED, COMPLYING TO UL 181.
- O) ALL DWELLING BUILDINGS SHALL MEET THE REQUIREMENTS OF ASHRAE STANDARD 62.2, VENTILATION AND ACCEPTABLE INDOOR AIR QUALITY IN RESIDENTIAL BUILDINGS
- Q) SERVICE WATER HEATING SYSTEMS AND EQUIPMENT SHALL MEET THE APPLICABLE REQUIREMENTS OF THE APPLIANCE EFFICIENCY REGULATIONS AS REQUIRED BY SEC. 110.1. SEC. 110.3 (B)
- R) SERVICE HOT WATER SYSTEMS WITH CIRCULATING PUMPS OR WITH ELECTRICAL HEAT TRADE SYSTEMS SHALL BE CAPABLE OF AUTOMATICALLY TURNING OFF THE SYSTEM.
12. BUILDING COMPLIANCE:
- G) IF QUALITY INSULATION INSTALLATION (QII) IS APPLIED, COMPLIANCE CREDIT CAN ONLY BE TAKEN FOR THE WHOLE BUILDING – ROOF/CEILINGS, WALLS, AND FLOORS, AND REQUIRES FIELD VERIFICATION BY A HERS RATER.
- J) SPECIAL FEATURES:
- B. INDICATE ON THE PLANS THE INSTALLATION OF A COOL ROOF THAT HAS BEEN CERTIFIED BY THE CRRC AND MEETS THE APPLICABLE VALUES FOR BOTH THERMAL EMITTANCE AND AGED SOLAR REFLECTANCE:
- I. STEEP-SLOPED ROOFS (CLIMATE ZONE 4 AND 8 THROUGH 15) – MINIMUM THERMAL EMITTANCE OF 0.75 AND MINIMUM AGED SOLAR REFLECTANCE OF 0.20, OR A MINIMUM SRI OF 16.
- N) THE FURNACE (AND/OR A/C IF PROVIDED) CAPACITY IN BTU/H, THE MANUFACTURER'S NAME, MODEL NUMBER, AND THE AFUE (AND/OR SEER) SHALL BE SHOWN ON THE PLANS TO MATCH CALCULATIONS AND IN COMPLIANCE WITH SECTIONS 110.2 AND 110.5. LOCATION OF EQUIPMENT MUST ALSO BE SHOWN ON THE PLANS.
- O) PROVIDE HEATING AND COOLING LOAD CALCULATIONS TO JUSTIFY EQUIPMENT CHOSEN.
- Q) WATER HEATER:
- A. MANUFACTURER'S NAME, MODEL NUMBER, AND SIZE SHALL BE SHOWN ON THE PLANS. WATER HEATER(S) LOCATION SHALL ALSO BE INDICATED ON THE PLANS.
- B. PROVIDE MANUFACTURER'S DATA SHEETS TO JUSTIFY THE ENERGY FACTOR (E.F.) OR RECOVERY EFFICIENCY (R.E) AND STANDBY LOSS (SB.L.) FOR LARGE STORAGE GAS WATER HEATER(S) SPECIFIED IN CALCULATIONS.

VHFHSZ NOTES:

ROOFING

1. ROOF GUTTERS SHALL BE DESIGN TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS. (705A.4.R337.5.4)

VHFHSZ REQUIREMENTS

ROOFING

2. DETAIL THE SPACE BETWEEN THE ROOF COVERING AND ROOF DECKING WHERE THE ROOF PROFILE ALLOWS A SPACE; THE SPACES SHALL BE CONSTRUCTED TO PREVENT THE INTRUSION OF FLAMES AND EMBERS, BE FIRESTOPPED WITH APPROVED MATERIALS, OR PROVIDE ONE LAYER OF 72 POUND MINERAL-SURFACED NON-PERFORATED CAP SHEET MEETING ASTM D3909. (705A.2.R337.5.2)
3. WOOD-SHINGLE AND WOOD-SHAKE ROOFS ARE PROHIBITED REGARDLESS OF CLASSIFICATION. (705A.2.R337.5.2)
4. VALLEY FLASHINGS SHALL BE NOT LESS THAN 0.019-INCH (NO.26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT METAL INSTALLED OVER A 36-IN. WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF 72 POUND MINERAL-SURFACED NON-PERFORATED CAP SHEET MEETING ASTM D3909 RUNNING THE FULL LENGTH OF THE VALLEY. (705A.3.R337.5.3)

VENTS

6. VENT OPENINGS FOR ENCLOSED ATTICS, ENCLOSED EAVE SOFFIT SPACES, ENCLOSED RAFTER SPACES, AND UNDERFLOOR VENTS SHALL RESIST BUILDING IGNITION FROM THE INTRUSION OF BURNING EMBERS AND FLAME THROUGH THE VENT OPENINGS. VENT OPENINGS SHALL COMPLY WITH ONE OF THE FOLLOWING:
- A. LISTED VENT COMPLYING WITH ASTM E2886 OR
- B. PROTECTED BY CORROSION RESISTANT, NONCOMBUSTIBLE WIRE MESH WITH MIN. 1/16" AND MAX. 1/8" OPENINGS. (706A.2.R337.6.2)
7. VENTS SHALL NOT BE INSTALLED ON UNDERSIDE OF EAVES AND CORNICES UNLESS ONE OF THE CONDITIONS SET FORTH IN SECTION 706A.3 OR R337.6.3 ARE MET. (706A.3.R337.6.3)

EXTERIOR WALLS

8. EXTERIOR WALL COVERING OR WALL ASSEMBLY SHALL COMPLY BY MEETING ONE OF THE FOLLOWING:
- A. NONCOMBUSTIBLE CONSTRUCTION OR
- B. IGNITION RESISTANT MATERIAL OR
- C. HEAVY TIMBER CONSTRUCTION OR
- D. LOG WALL CONSTRUCTION OR
- E. COMPLIES WITH SFM 12-7A-1 (707A.3.R337.7.3)

OPEN ROOF EAVES

9. EXPOSED ROOF DECK ON THE UNDERSIDE OF UNENCLOSED ROOF EAVES SHALL CONSIST OF ONE OF THE FOLLOWING:
- A. NONCOMBUSTIBLE MATERIAL
- B. IGNITION-RESISTANT MATERIAL
- C. ONE LAYER OF 5/8" TYPE X APPLIED BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE EXTERIOR OF ROOF DECK
- D. EXTERIOR PORTION OF A 1-HR FIRE RESISTIVE EXTERIOR WALL ASSEMBLY APPLIED TO THE UNDERSIDE OF ROOF DECK DESIGNED FOR EXTERIOR FIRE EXPOSURE PER GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL. (707A.4.R337.7.4)

ENCLOSED ROOF EAVES AND ROOF EAVE SOFFITS

10. EXPOSED UNDERSIDE SHALL BE PROTECTED BY ONE OF THE FOLLOWING:
- A. NONCOMBUSTIBLE MATERIAL
- B. IGNITION-RESISTANT MATERIAL
- C. ONE LAYER OF 5/8" TYPE X APPLIED BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE OF THE RAFTER TAILS OR SOFFIT
- D. EXTERIOR PORTION OF A 1-HR FIRE RESISTIVE EXTERIOR WALL ASSEMBLY APPLIED TO THE UNDERSIDE OF RAFTER TAILS OR SOFFIT PER GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL
- E. BOXED-IN ROOF EAVE SOFFIT ASSEMBLIES COMPLYING WITH SFM 12-7A-3 OR ASTM E2957. (707A.5.R337.7.5)

EXTERIOR PORCH CEILINGS

11. EXPOSED UNDERSIDE SHALL BE PROTECTED BY ONE OF THE FOLLOWING:
- A. NONCOMBUSTIBLE MATERIAL
- B. IGNITION-RESISTANT MATERIAL
- C. ONE LAYER OF 5/8" TYPE X APPLIED BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE OF THE CEILING
- D. EXTERIOR PORTION OF A 1-HR FIRE RESISTIVE EXTERIOR WALL ASSEMBLY APPLIED TO THE UNDERSIDE OF THE CEILING ASSEMBLY PER GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL
- E. PORCH CEILING ASSEMBLIES WITH A HORIZONTAL UNDERSIDE COMPLYING WITH SFM 12-7A-3 OR ASTM E2957. (707A.6.R337.7.6)

FLOOR PROJECTIONS / UNDERFLOOR PROTECTION / UNDERSIDE OF APPENDAGES

12. EXPOSED UNDERSIDE SHALL BE PROTECTED BY ONE OF THE FOLLOWING:
- A. NONCOMBUSTIBLE MATERIAL
- B. IGNITION-RESISTANT MATERIAL
- C. ONE LAYER OF 5/8" TYPE X APPLIED BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE OF THE FLOOR PROJECTION
- D. EXTERIOR PORTION OF A 1-HR FIRE RESISTIVE EXTERIOR WALL ASSEMBLY APPLIED TO THE UNDERSIDE OF THE FLOOR ASSEMBLY PER GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL
- E. UNDERSIDE OF A FLOOR ASSEMBLY COMPLYING WITH SFM 12-7A-3 OR ASTM E2957
- F. HEAVY TIMBER STRUCTURAL COLUMNS AND BEAMS IS ALLOWED FOR UNDERFLOOR PROTECTION AND UNDERSIDE APPENDAGES ONLY. (707A.7-9.R337.7.7-9)

EXTERIOR WINDOWS AND DOORS

13. EXTERIOR GLAZING SHALL BE MULTI-PANE UNITS WITH A MINIMUM OF ONE TEMPERED PANE, OR GLASS BLOCK UNITS, OR MINIMUM 20-MIN. RATED, OR COMPLIES WITH SFM 12-7A-2 (708A.2.1.R337.8.2.1)

14. EXTERIOR DOORS SHALL MEET ONE OF THE FOLLOWING:

- A. NONCOMBUSTIBLE MATERIAL OR
- B. IGNITION-RESISTANT MATERIAL OR
- C. SOLID CORE WOOD HAVING STILES AND RAILS NOT LESS THAN 1-3/8-IN. THICK WITH INTERIOR PANEL THICKNESS NOT LESS THAN 1-1/4-IN. THICK, OR
- D. MINIMUM 20-MIN. RATED OR
- E. COMPLIES WITH SFM 12-7A-1 (708A.3.R337.8.3)

DECKING

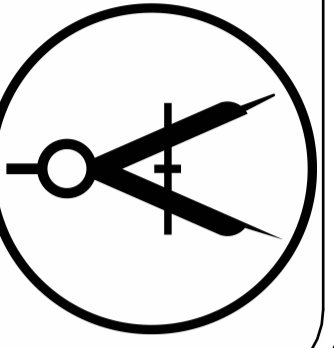
15. WALKING SURFACE MATERIAL OF DECKS, PORCHES, BALCONIES AND STAIRS SHALL BE CONSTRUCTED WITH ONE OF THE FOLLOWING MATERIALS WHEN ANY PORTION OF SUCH SURFACE IS WITHIN 10 FEET OF THE BUILDING:
- A. IGNITION-RESISTANT MATERIAL THAT COMPLIES WITH SFM 12-7A-4 AND 12-7A-5
- B. EXTERIOR FIRE RETARDANT TREATED WOOD
- C. NONCOMBUSTIBLE MATERIAL
- D. COMPLIES WITH SFM 12-7A-4A WHEN ATTACHED EXTERIOR WALL COVERING IS ALSO EITHER NONCOMBUSTIBLE OR IGNITION-RESISTANT MATERIAL. (709A.3.R337.9.3)

Yakov Design

Drafting service

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PROJECT ADDRESS

SFD ENERGY
CORRECTION NOTES,
VHFHSZ REQUIREMENTS

OWNER'S NAME:

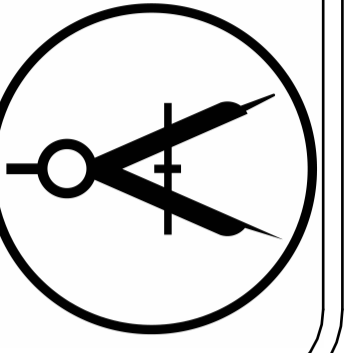
OWNER'S ADDRESS:

NOTES:

SCALE:

DATE: 08.19.2024

0.6



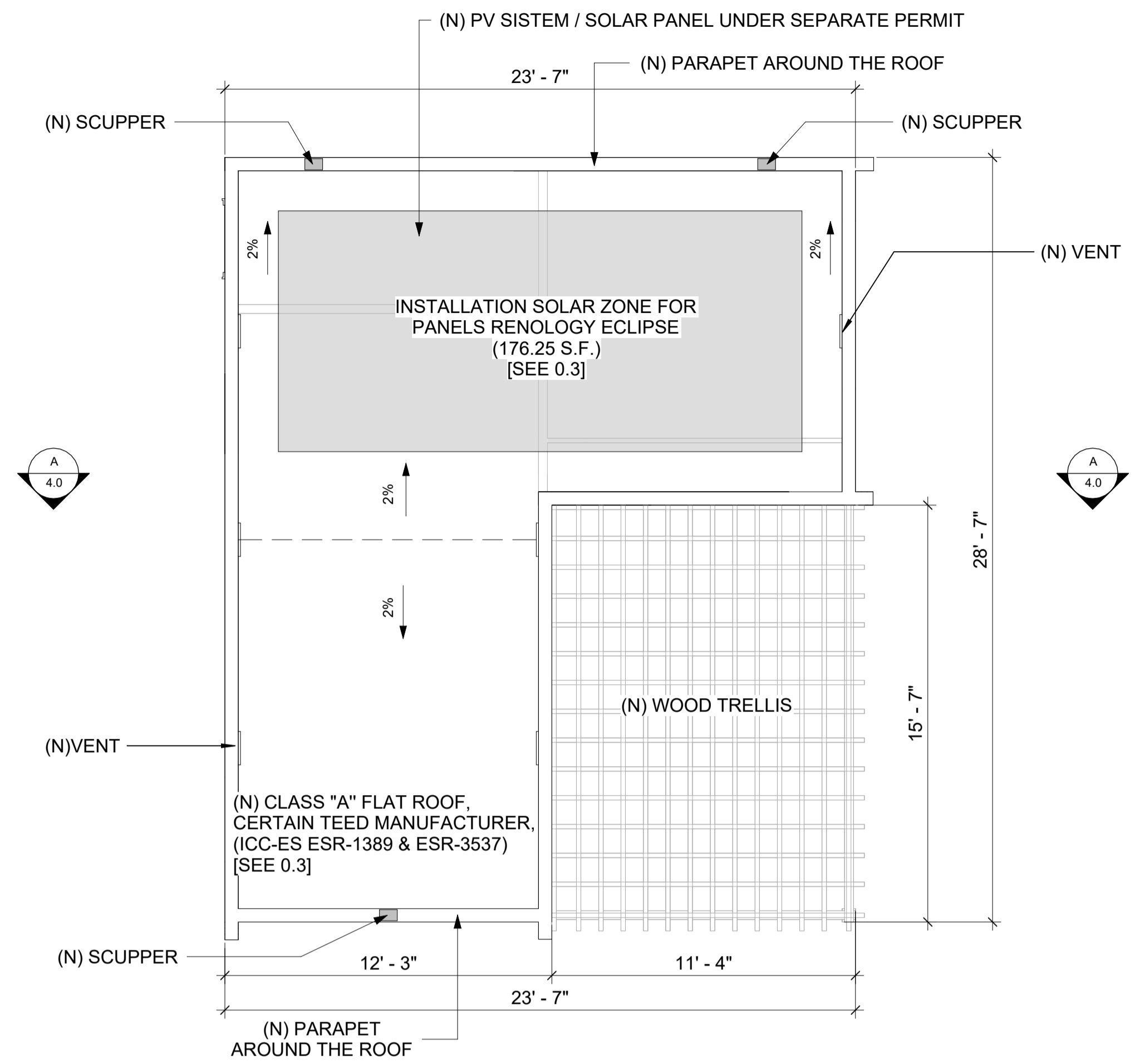
OWNER'S NAME:

OWNER'S ADDRESS:



SCALE: 1/4" = 1'-0"

DATE: 08.19.2024



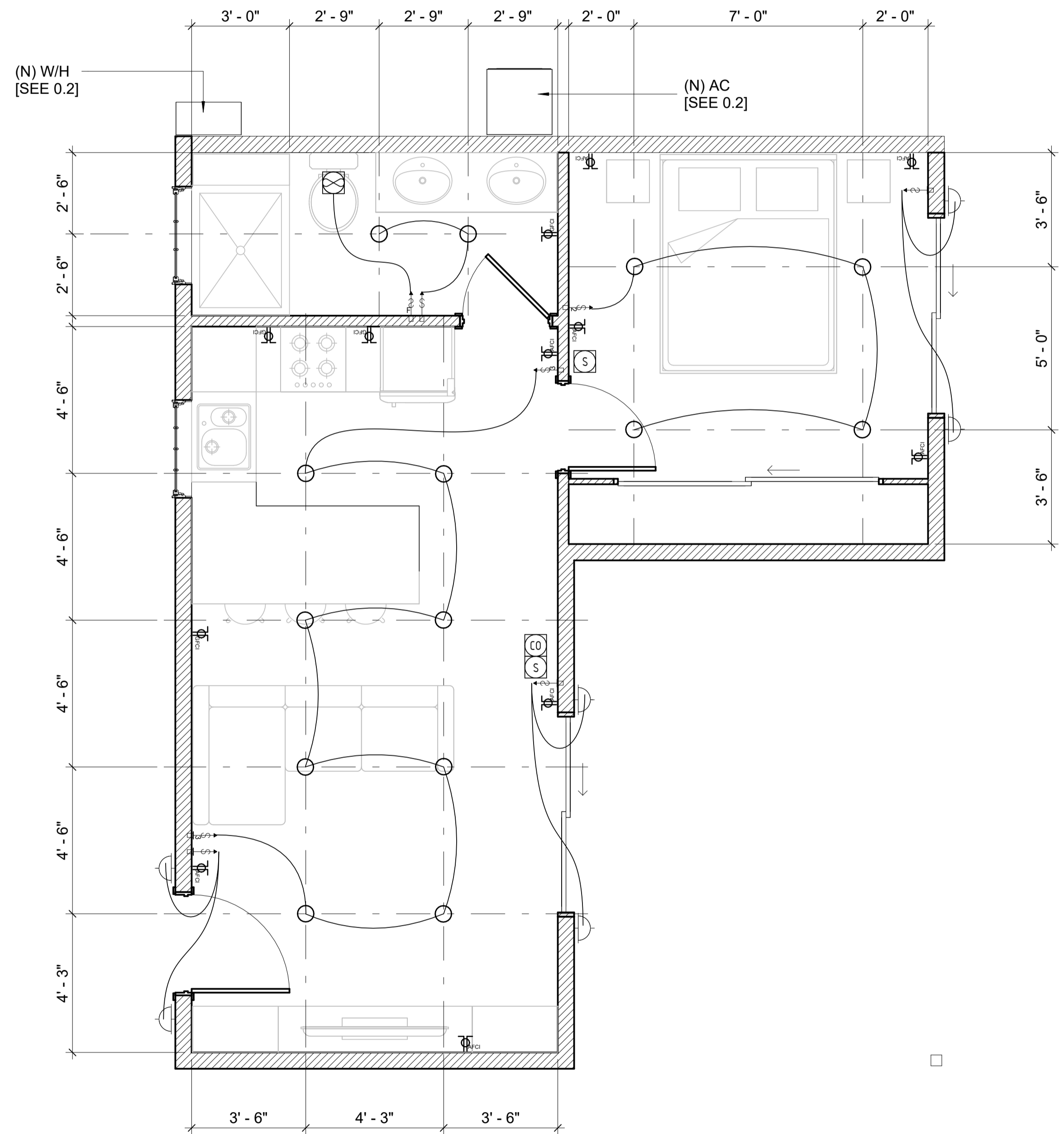
1 PROPOSED ADU ROOF PLAN
 1/4" = 1'-0"

VENTILATION:

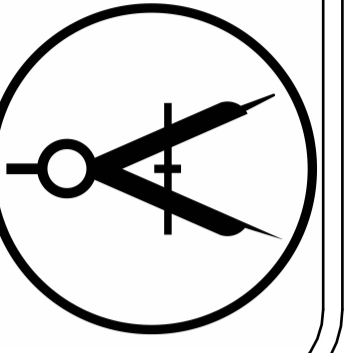
AREA OF THE ROOF TO BE VENTILATED: **445.9 S.F.**
 VENTILATION REQUIRED: 445.9/150.0=2.9 S.F.(417.6 SQ.IN.)
 VENTILATION PROVIDED:
 PROVIDED 6 BVSII (8"X15.375') WALL MOUNT RECTANGULAR VENT
 6X73=438 SQ.IN.
 COVERAGE AREA: **3.0 S.F. (438.0 SQ.IN.)**

VENTILATION NOTES:

C. OPENINGS SHALL HAVE CORROSION-RESISTANT WIRE MESH OR OTHER APPROVED MATERIAL WITH 1/16-IN. MINIMUM AND 1/4-IN. MAXIMUM OPENING.
 D. A MINIMUM OF 1-IN. AIRSPACE SHALL BE PROVIDED BETWEEN INSULATION AND ROOF SHEATHING. (R806.3)



1 PROPOSED ELECTRICAL PLAN
 3/8" = 1'-0"



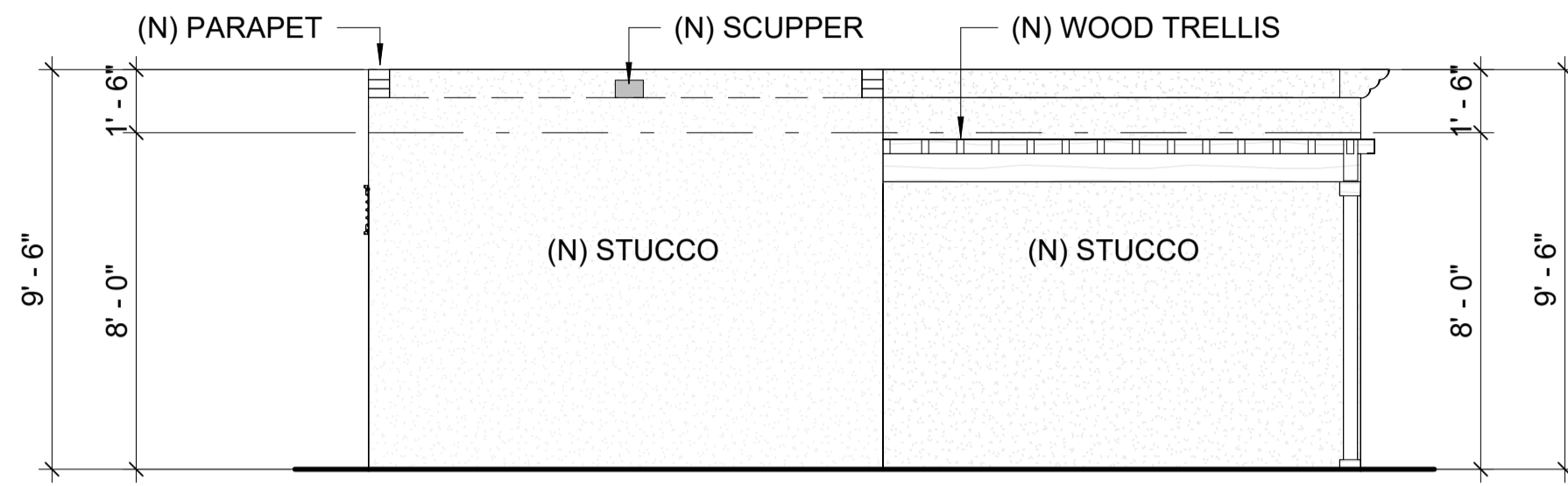
PROJECT ADDRESS

PROPOSED ADU
 ELEVATIONS, SECTION A-A

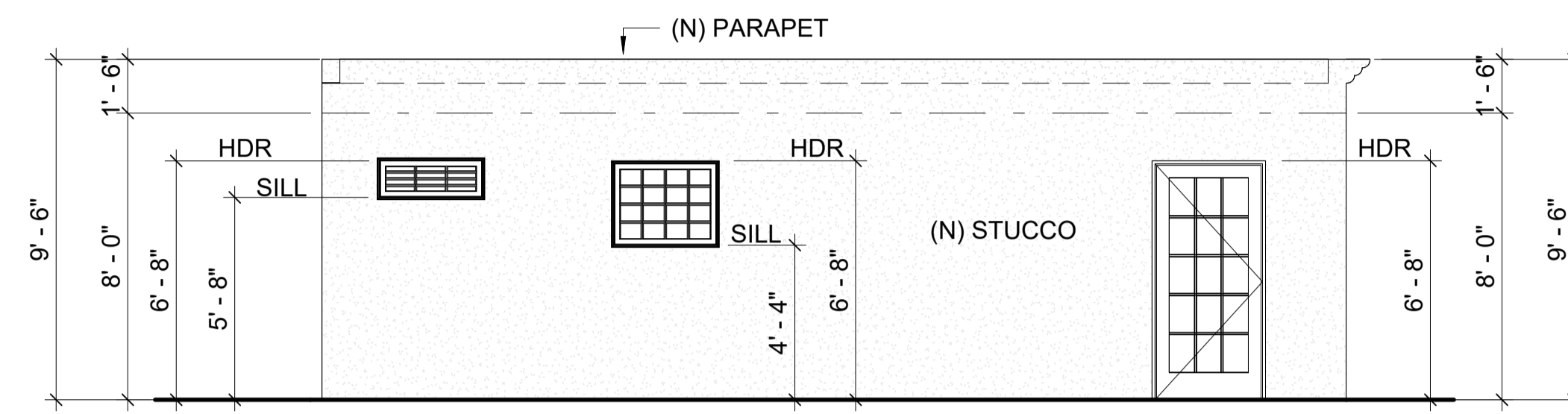
OWNER'S NAME:
 OWNER'S ADDRESS:



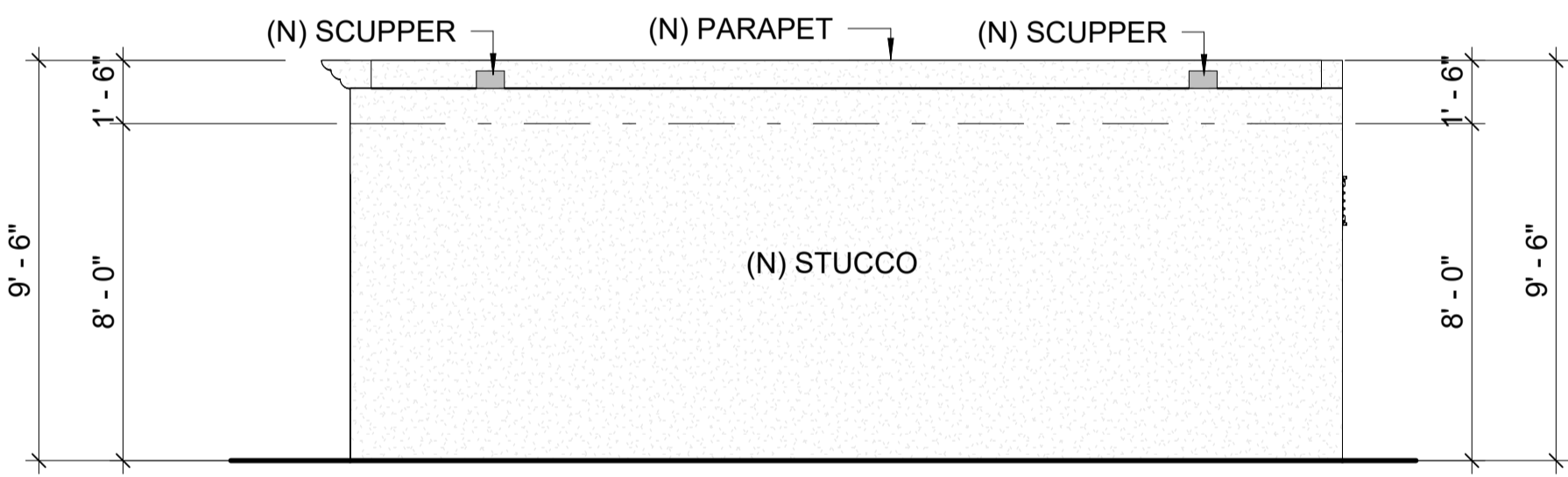
SCALE: 1/4" = 1'-0"
 DATE: 08.19.2024



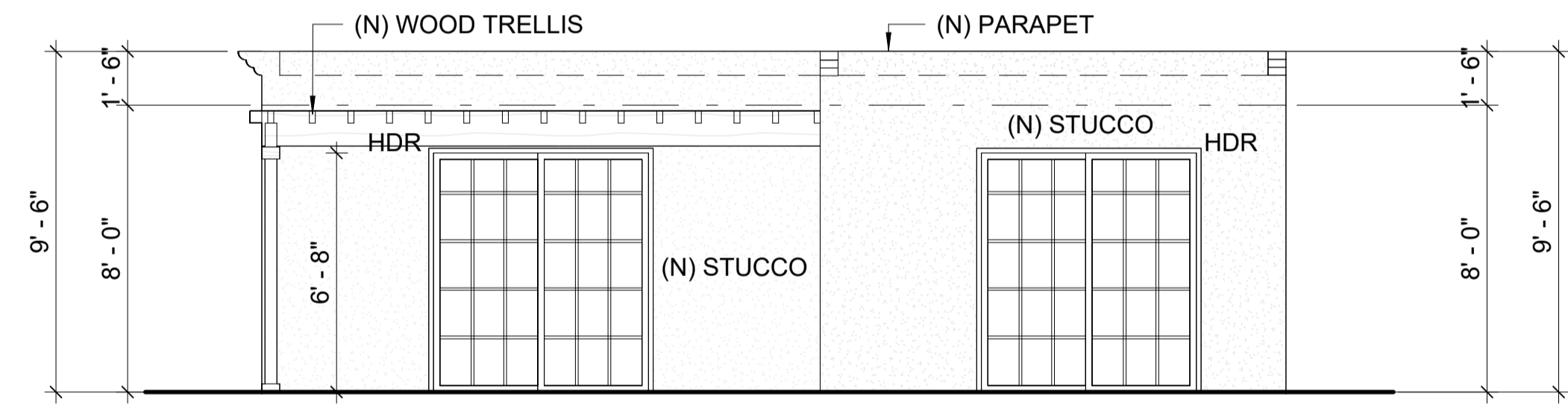
1 WEST ADU ELEVATION
 1/4" = 1'-0"



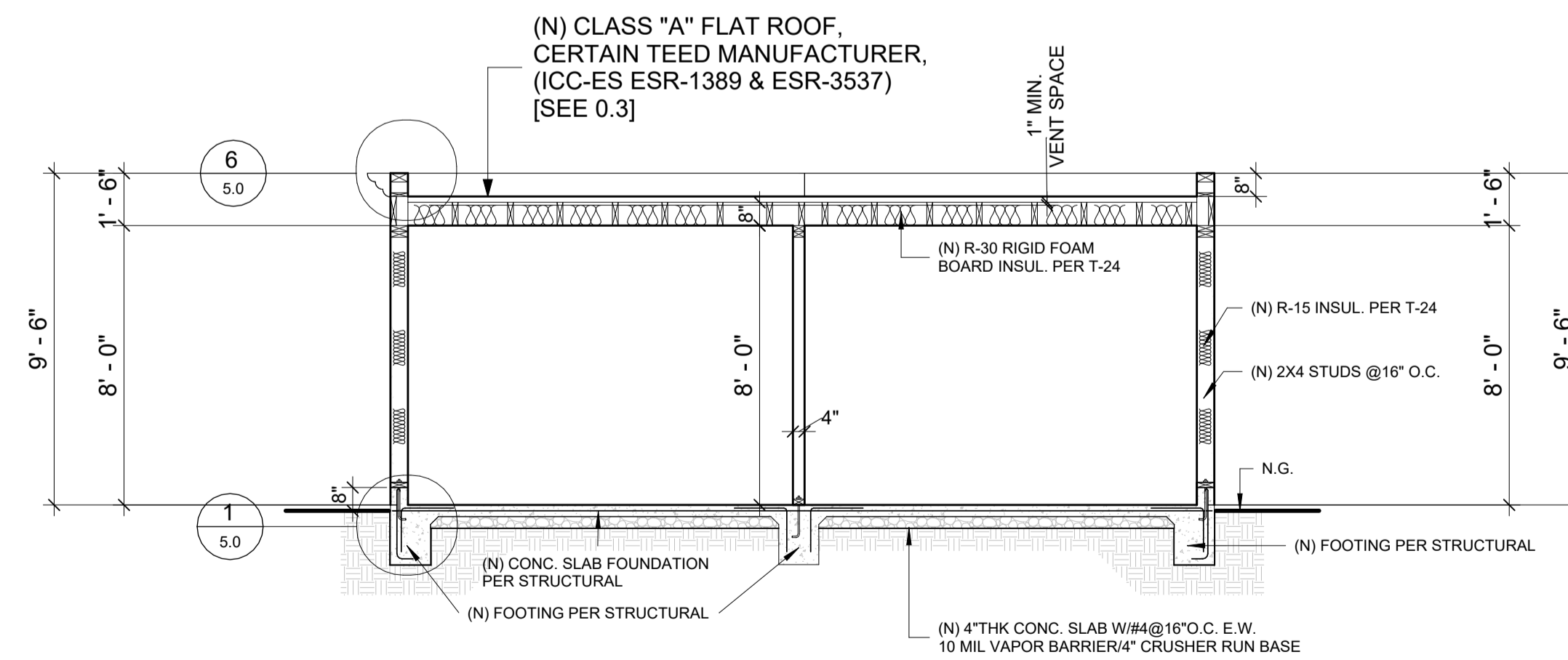
2 NORTH ADU ELEVATION
 1/4" = 1'-0"



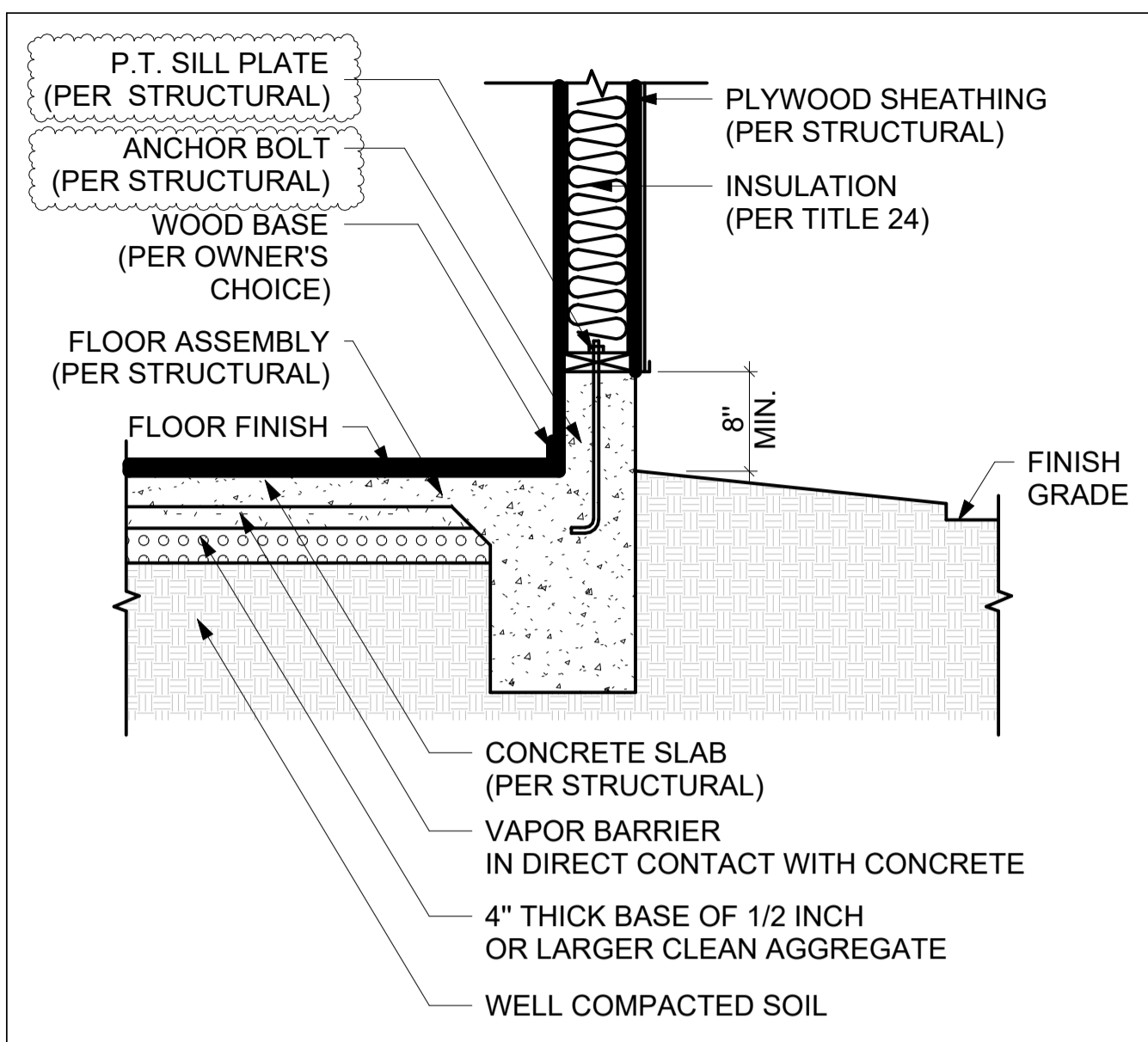
3 EAST ADU ELEVATION
 1/4" = 1'-0"



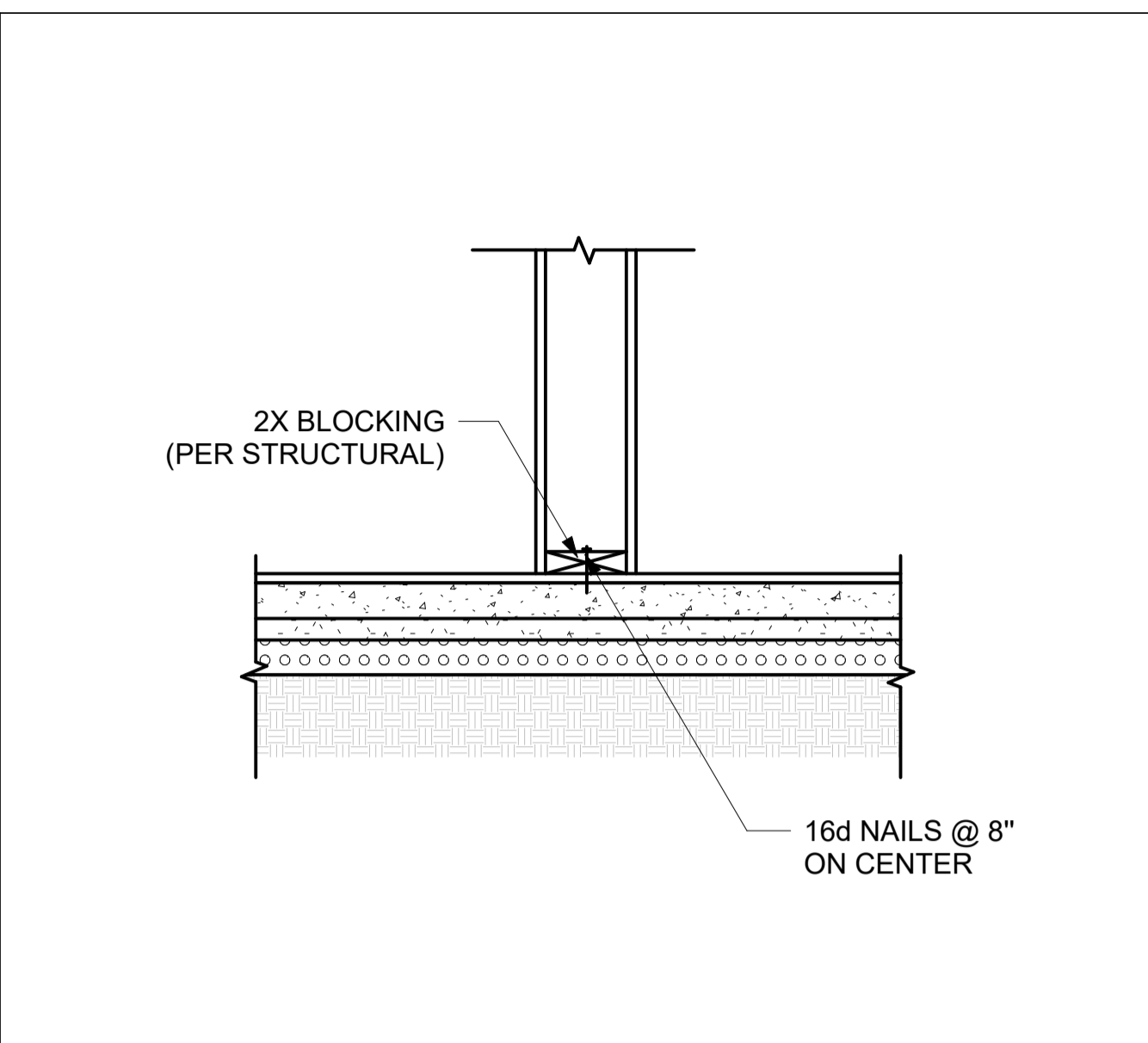
4 SOUTH ADU ELEVATION
 1/4" = 1'-0"



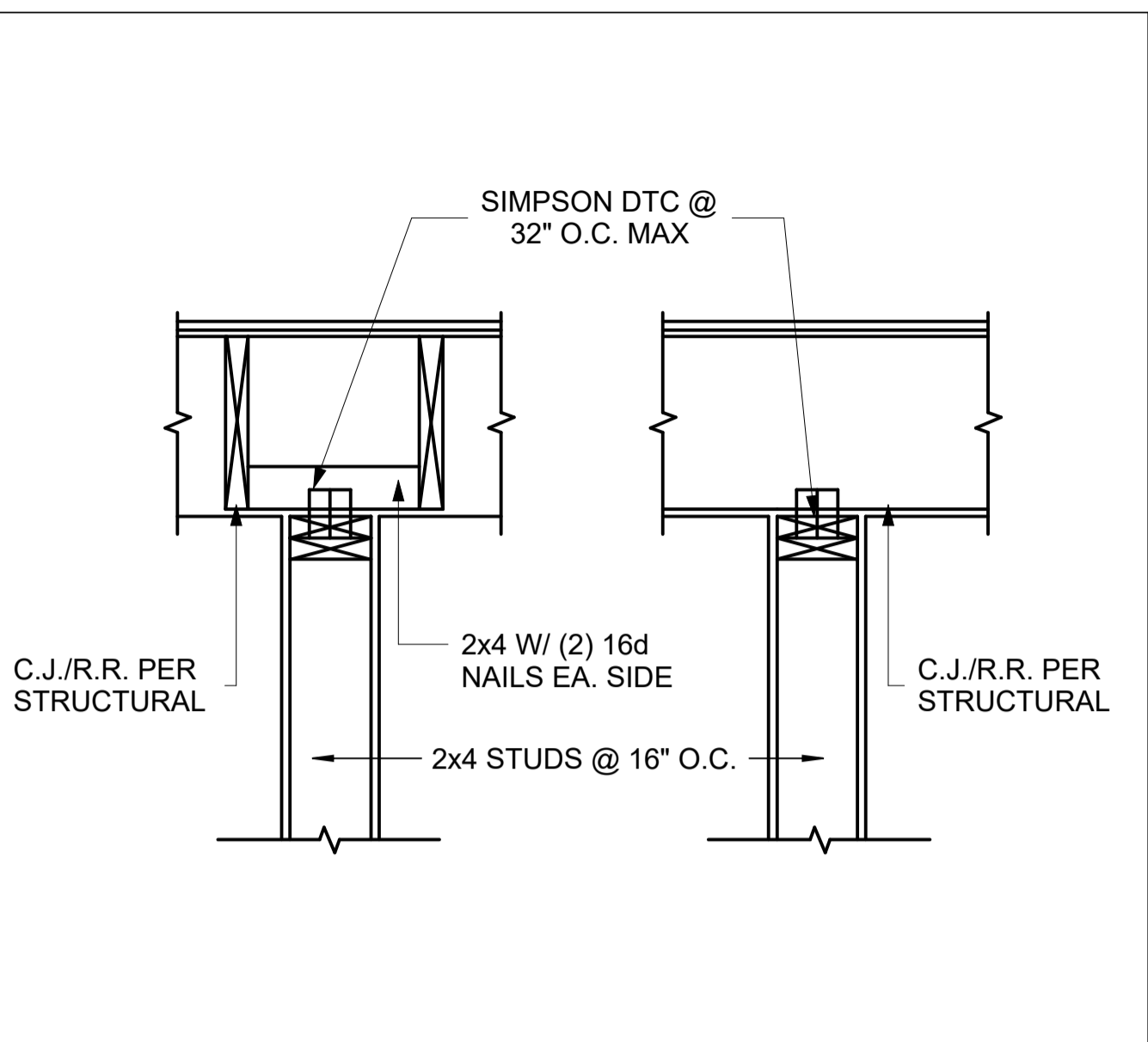
A SECTION A-A
 1/4" = 1'-0"



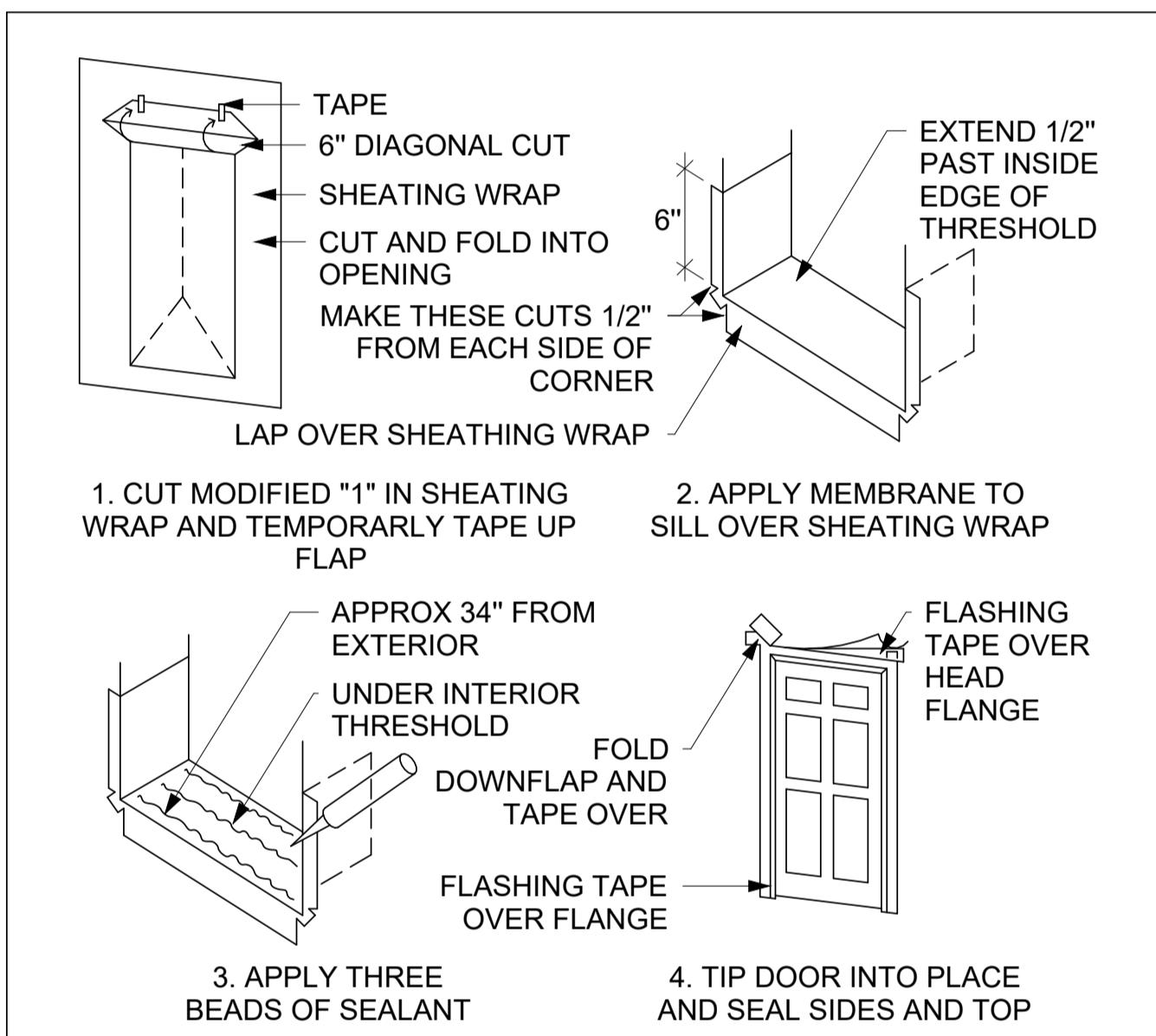
1 EXTERIOR WALL AT FIRST FLOOR



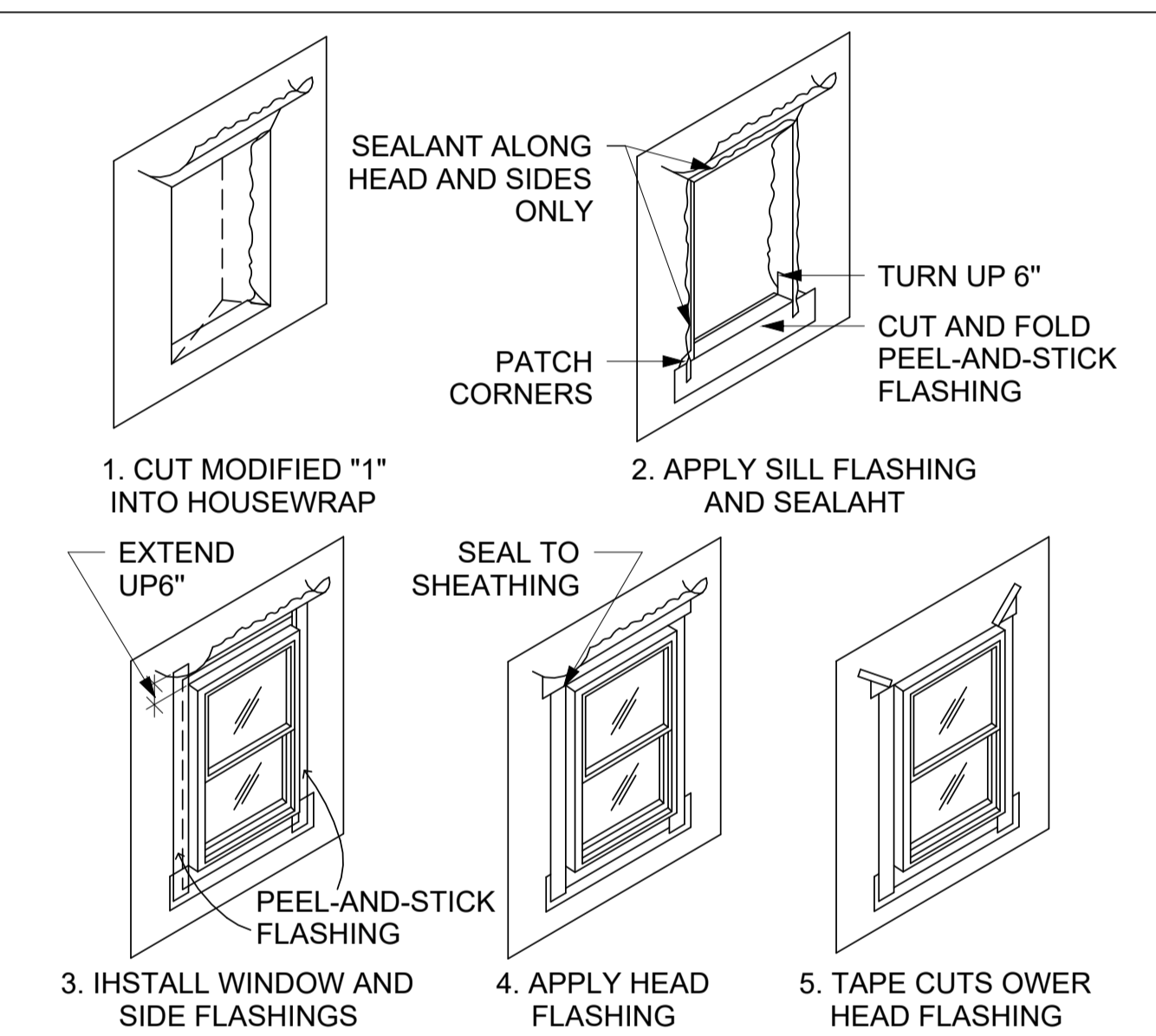
2 INTERIOR NON-BEARING PARTITIONS DETAILS (LOWER)



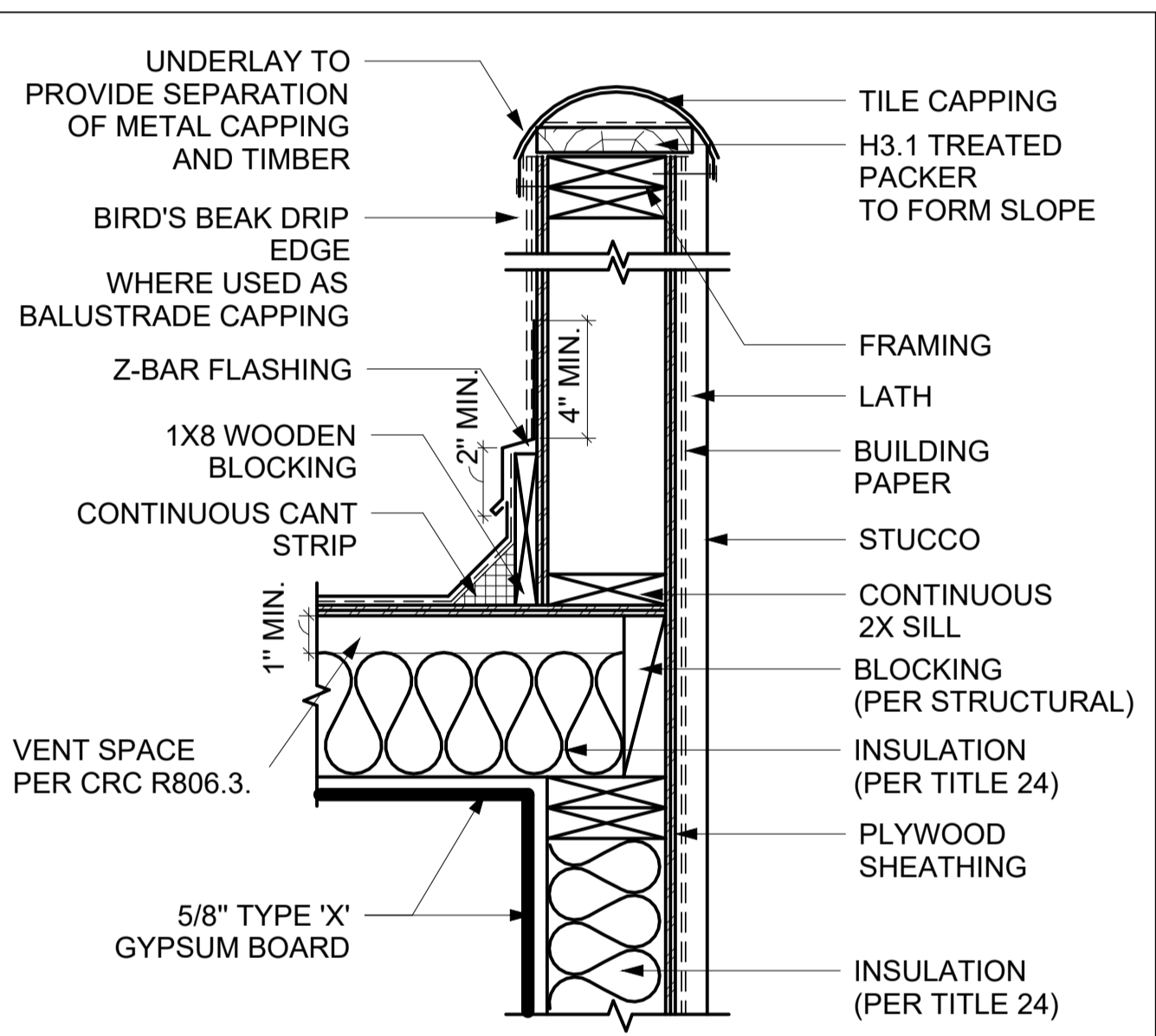
3 INTERIOR NON-BEARING PARTITIONS DETAILS (UPPER)



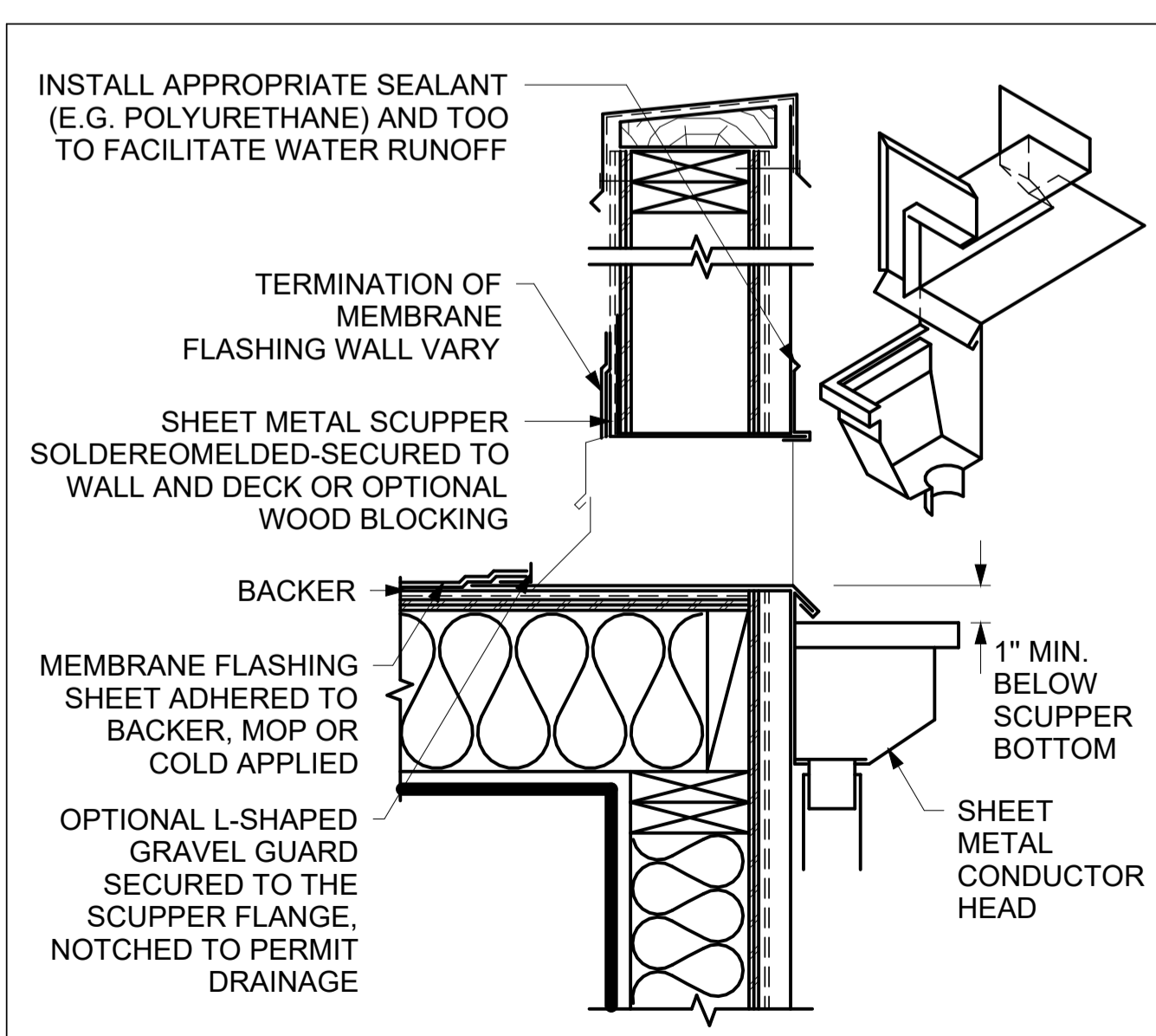
4 DOOR FLASHING



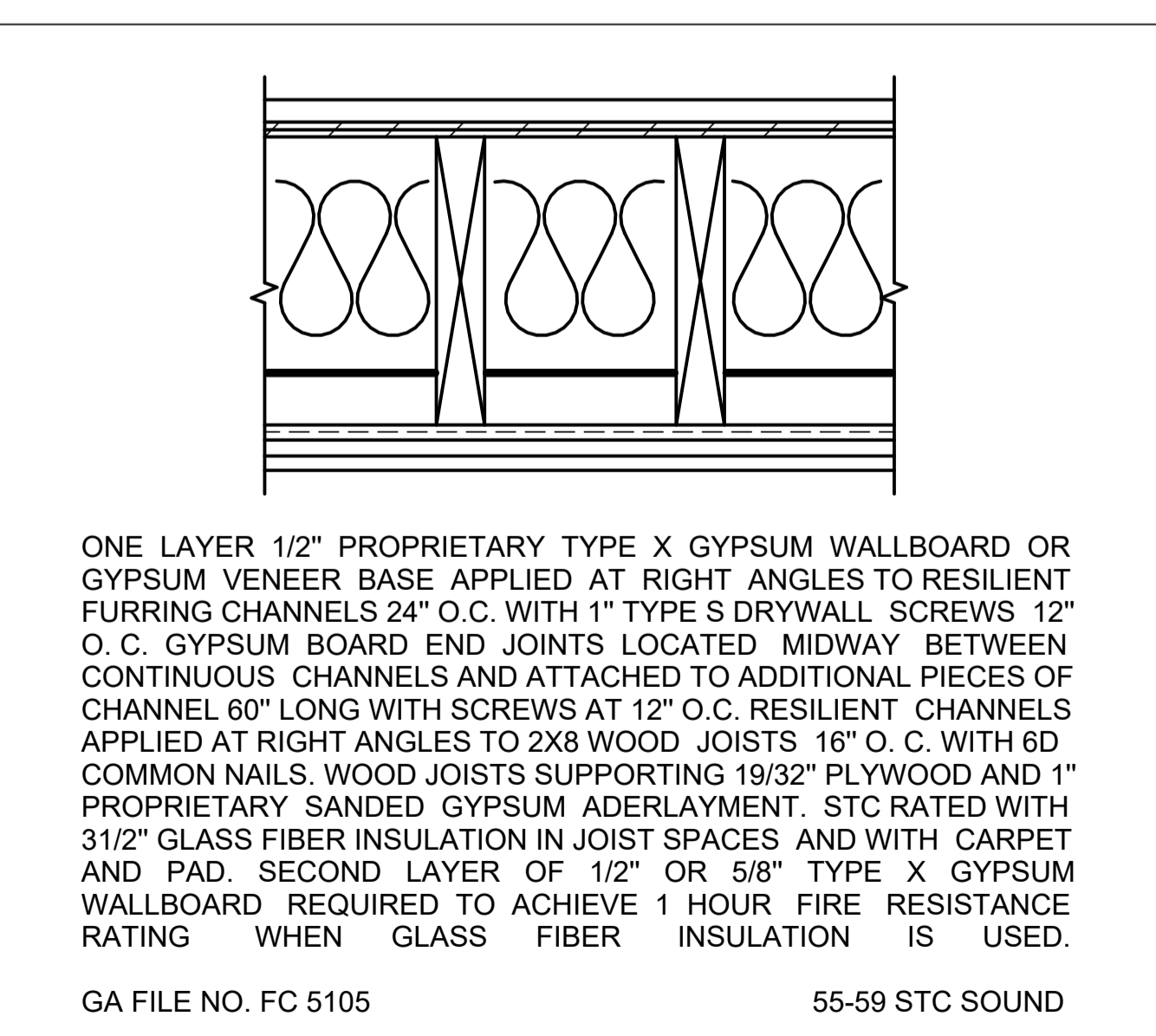
5 WINDOW FLASHING



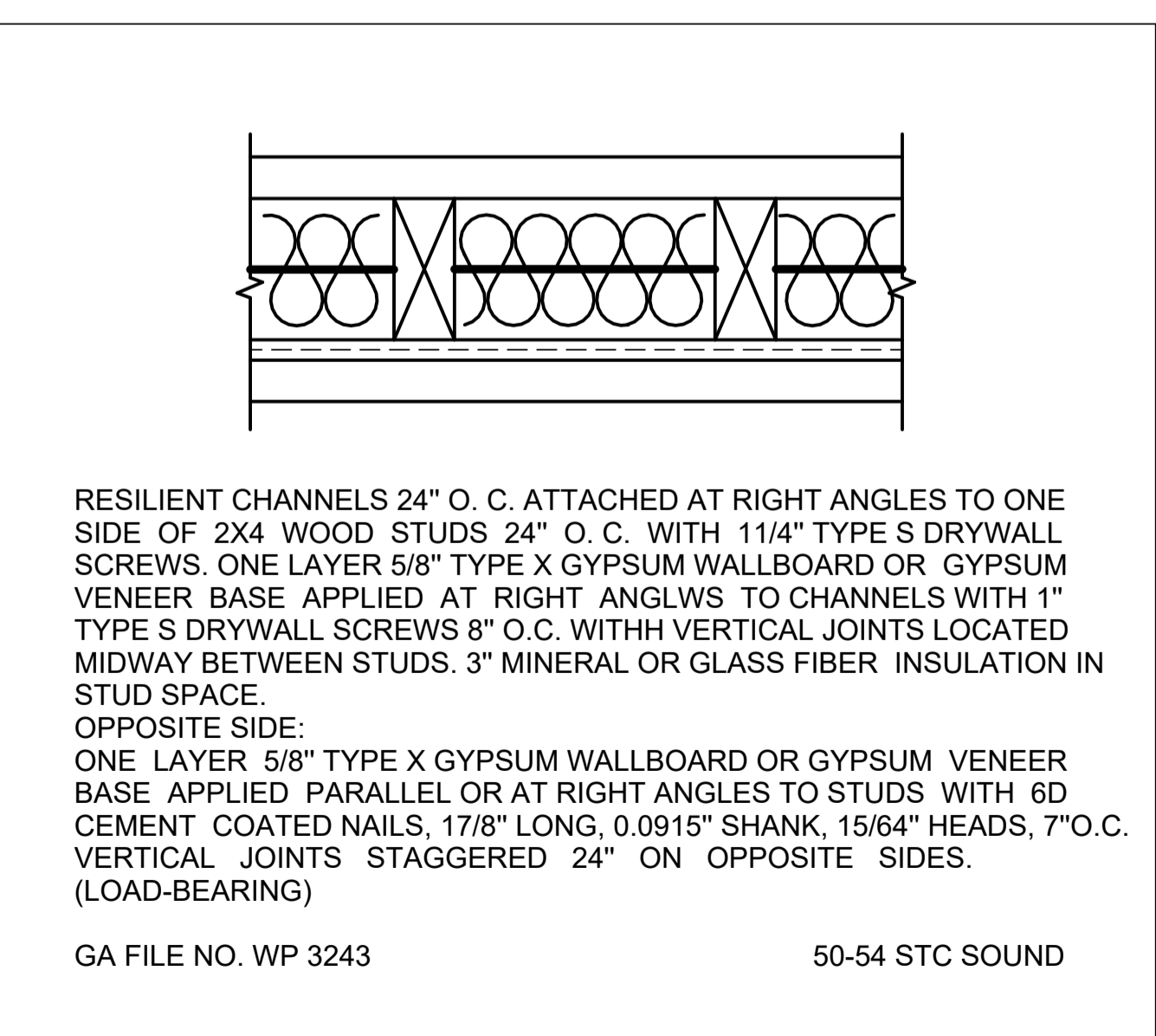
6 PARAPET DETAIL



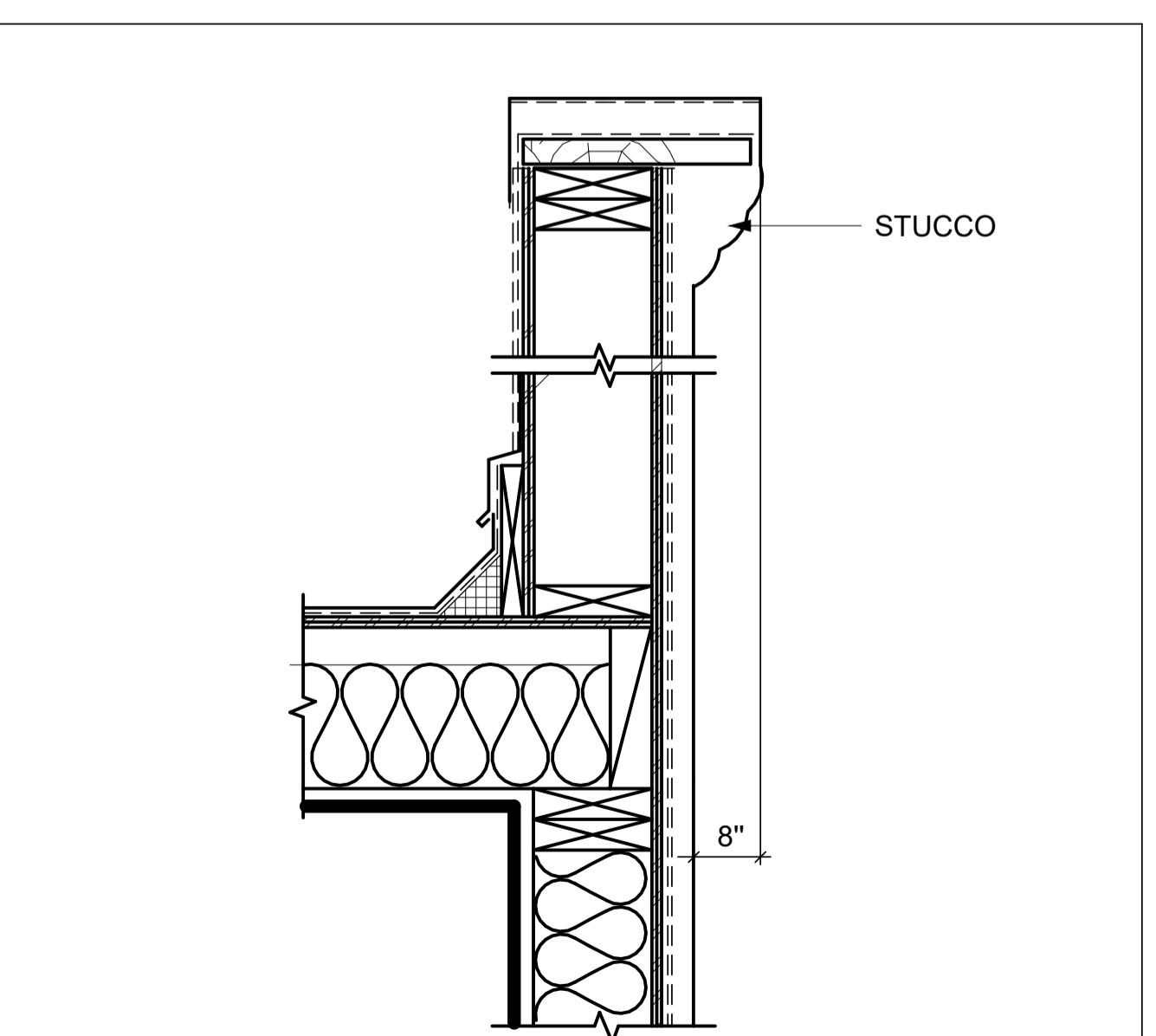
7 SCUPPER DETAIL



8 1-HR RATED CEILING ASSEMBLY



9 1-HR RATED FIRE WALL DETAIL



10 MOLDING DETAIL





