



CONTEMPORARY



STANDARD

COUNTY OF SANTA CLARA

800 SF ACCESSORY DWELLING UNIT

PROJECT ADDRESS: _____

USER LICENSE AGREEMENT

OWNER/APPLICANT TO SIGN THIS USER AGREEMENT BELOW:

BY USING THESE PERMIT READY ACCESSORY DWELLING UNIT CONSTRUCTION DOCUMENTS, THE USER AGREES TO RELEASE, HOLD HARMLESS, AND INDEMNIFY THE COUNTY OF SANTA CLARA, ITS ELECTED OFFICIALS AND EMPLOYEES, AND THE ARCHITECT OR ENGINEER WHO PREPARED THESE CONSTRUCTION DOCUMENTS FROM ANY AND ALL CLAIMS, LIABILITIES, SUITS AND DEMANDS ON ACCOUNT OF ANY INJURY, DAMAGE OR LOSS TO PERSONS OR PROPERTY, INCLUDING INJURY OR DEATH, OR ECONOMIC LOSSES, ARISING OUT OF THE USE OF THESE CONSTRUCTION DOCUMENTS.

THE PLANS ATTACHED HERE ARE APPROVED FOR ONLY USE IN COUNTY OF SANTA CLARA. NO DEVIATIONS, ALTERATIONS, OR OPTIONS BEYOND THOSE SPECIFICALLY INDICATED IN THE PLANS ARE ALLOWED WITHOUT PRIOR APPROVAL BY THE ISSUING JURISDICTION AND CHIEF BUILDING OFFICIAL. THIS SET OF PLANS SHALL NOT BE USED FOR A PUBLIC HOUSING PROJECT.

SIGNATURE _____ DATE _____

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THE COUNTY OF SANTA CLARA

70 West Hedding Street
East Wing, 7th Floor
San Jose, California 95110
408.299.5700
<https://www.santacruzcounty.gov>

PROJECT DIRECTORY (Complete this section)

APPLICANT

NAME: _____

ADDRESS: _____

EMAIL: _____

PHONE: _____

ENERGY CONSULTANT

COMPANY NAME: _____

NAME: _____

ADDRESS: _____

EMAIL: _____

PHONE: _____

VICINITY MAP (To be provided by applicant)

DEFERRED SUBMITTALS

- PHOTOVOLTAIC SYSTEM, WHEN REQUIRED
- FIRE SPRINKLERS, WHEN REQUIRED
- ROOF TRUSSES

ADDITIONAL SUBMITTALS

- SIGNED AND STAMPED DEVELOPMENT IMPACT FEE FORM (AKA SCHOOL FEE FORM AND FIRE FEE FORM)
- FIRE HYDRANT SPECIFICATIONS
- WATER PURVEYOR WATER PRESSURE TEST LETTER

APPLICABLE CODES

THIS PROJECT SHALL COMPLY WITH THE FOLLOWING BUILDING CODES AND ASSOCIATED COUNTY OF SANTA CLARA AMENDMENTS:

- 2022 CALIFORNIA RESIDENTIAL CODE
- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA PLUMBING CODE
- 2022 CALIFORNIA FIRE CODE
- 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS
- COUNTY OF SANTA CLARA CODE OF ORDINANCES

STYLE & MATERIAL OPTION SELECTIONS

ROOF MATERIAL:

- ASPHALT SHINGLE ROOF - CLASS C MIN. (CRC R905.1, CRC R905.2)
- STANDING SEAM METAL ROOF - CLASS C MIN. (CRC R905.1, CRC R905.10)

EXTERIOR WALL MATERIAL

- VERTICAL WOOD SIDING (CRC R703.5.1)
- HORIZONTAL WOOD LAP SIDING (CRC R703.5.3)
- CEMENT PLASTER (CRC R703.7.2)
- FIBER CEMENT PANEL SIDING (CRC R703.10.1)
- FIBER CEMENT LAP SIDING (CRC R703.10.2)
- OTHER: _____

EXTERIOR SOFFITS, RAKES, & EAVE MATERIAL

- CEMENT PLASTER
- EXT. GRADE TONGUE & GROOVE
- FIBER CEMENT
- EXT. GRADE PLYWOOD

EXTERIOR TRIM ELEMENTS

- NO TRIM
- FIBER CEMENT
- WOOD

PROJECT INFORMATION (Complete this Section)

PROJECT SCOPE:

CONSTRUCTION OF A NEW DETACHED 1-STORY 800 SF ACCESSORY DWELLING UNIT WITH 2 BEDROOMS AND 1 BATH

SITE INFORMATION

ASSESSOR'S PARCEL NUMBER: _____

ZONING: _____

LOT SIZE: _____

LAND USE: _____

LOT COVERAGE

PRIMARY DWELLING SIZE	EXISTING	NEW
CONDITIONED AREA:	_____	_____
GARAGE AREA:	_____	_____
COVERED PORCH / DECK AREA:	_____	_____
PROPOSED ADU SIZE:	_____	800 GSF
HARDSCAPE/PAVING (IMPERVIOUS):	_____	_____
LANDSCAPE (PERVIOUS):	_____	_____

SETBACKS

	REQUIRED	PROPOSED
FRONT:	MINIMUM*	_____
REAR:	4'-0"	_____
SIDE 1:	4'-0"	_____
SIDE 2:	4'-0"	_____
BETWEEN STRUCTURES:	6'-0"	_____

*REQUIRED FRONT SETBACK FOR AN ADU IS THE SAME AS THE FRONT SETBACK REQUIRED FOR THE SINGLE FAMILY RESIDENCE AND VARIES BASED ON ZONING OF THE PROPERTY. REFER TO ZONING ORDINANCE TABLE 2-20-3 (RURAL) AND TABLE 2-30-2 (URBAN) FOR FRONT SETBACKS APPLICABLE TO SFR AND ADUS

PROJECT INFORMATION (Complete this Section)

IS THE ADU EXTERIOR WALL 5' - 0" OR LESS TO ANY PROPERTY LINE AND/OR IS THE ADU EXTERIOR WALL 10' - 0" OR LESS FROM ANY ADJACENT BUILDING OR STRUCTURE?

- NO
- YES; IF YES, FIRE RATED EXTERIOR WALLS REQUIRED

ARE THE ADU CORNICES, EAVE OVERHANGS, AND SIMILAR PROJECTIONS 5' - 0" OR LESS TO ANY PROPERTY LINE AND/OR IS THE ADU EXTERIOR WALL 10' - 0" OR LESS FROM ANY ADJACENT BUILDING OR STRUCTURE?

- NO
- YES; IF YES, FIRE RATED PROJECTIONS REQUIRED. FIREBLOCKING IS REQUIRED IN PROJECTIONS, RAKES AND EAVES.

BUILDING INFORMATION

NUMBER OF STORIES: 1

OCCUPANCY GROUP: R-3

CONSTRUCTION TYPE: VB

IS PRIMARY DWELLING UNIT SPRINKLED? _____

MAX HEIGHT ALLOWED: 16' - 0"

MAX HEIGHT PROPOSED: _____

NO. DATE REVISIONS

NO.	DATE	REVISIONS

PROJECT TITLE:

**SCC STANDARD
ADU - 800 SF**

Enter address here

COUNTY PERMIT # DEV2X-XXXX

DATE: Issue Date

SHEET TITLE:

COVER SHEET

SCALE: 12" = 1'-0"

G.0



THE COUNTY OF SANTA CLARA

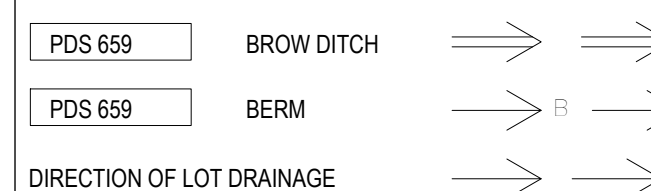
70 West Hedding Street
East Wing, 7th Floor
San Jose, California 95110
408.299.5700

<https://www.santacalarcounty.gov>

LIMITATIONS OF USE

By using these standard plans, the user agrees to release the County of Santa Clara from any and all claims, liabilities, suits, and demands on account of any injury, damage, or loss to persons or property, including injury or death, or economic losses, arising out of the use of these construction documents. The use of these plans does not eliminate or reduce the user's responsibility to verify any and all information.

BEST MANAGEMENT PRACTICE (BMP) LEGEND



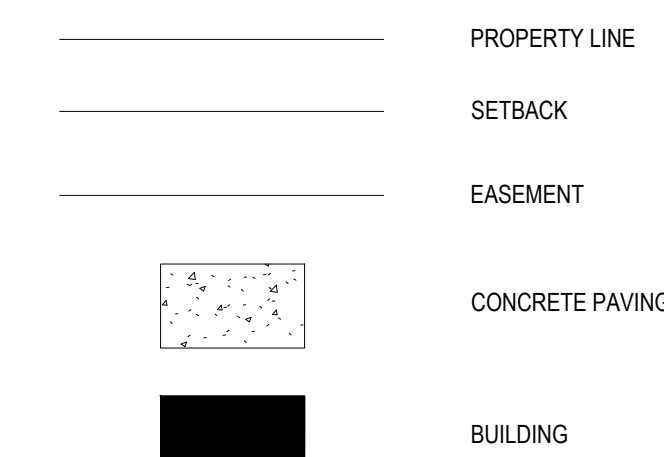
MATERIALS & WASTE MANAGEMENT BMPs:

- WM-1 MATERIAL DELIVERY & STORAGE
WM-4 SPILL PREVENTION AND CONTROL
WM-8 CONCRETE WASTE MANAGEMENT
WM-5 SOLID WASTE MANAGEMENT
WM-9 SANITARY WASTE MANAGEMENT
WM-6 HAZARDOUS WASTE MANAGEMENT

TEMPORARY RUNOFF CONTROL BMPs:

- SS-2 PRESERVATION OF EXISTING VEGETATION
SS-3 BONDED OR STABILIZED FIBER MATRIX (WINTER)
SS-4 HYDROSEEDING (SUMMER)
SS-6 STRAW OR WOOD MULCH
SS-7 PHYSICAL STABILIZATION (WINTER)
SS-10 ENERGY DISSIPATOR
SC-1 SILT FENCE
SC-2 SEDIMENT / DESILTING BASIN
SC-5 FIBER ROLLS
SC-6 GRAVEL OR SAND BAGS
SC-7 STREET SWEEPING AND VACUUMING
SC-10 STORM DRAIN INLET PROTECTION
NS-2 DEWATERING FILTRATION
TC-1 STABILIZED CONSTRUCTION ENTRANCE
TC-2 CONSTRUCTION ROAD STABILIZATION
TC-3 ENTRANCE / EXIT TIRE WASH

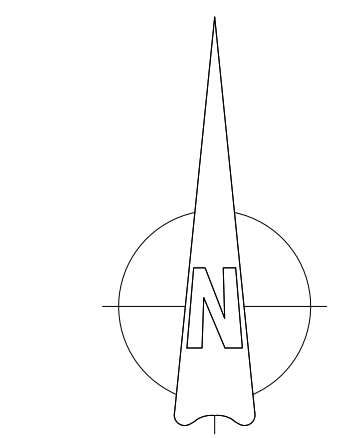
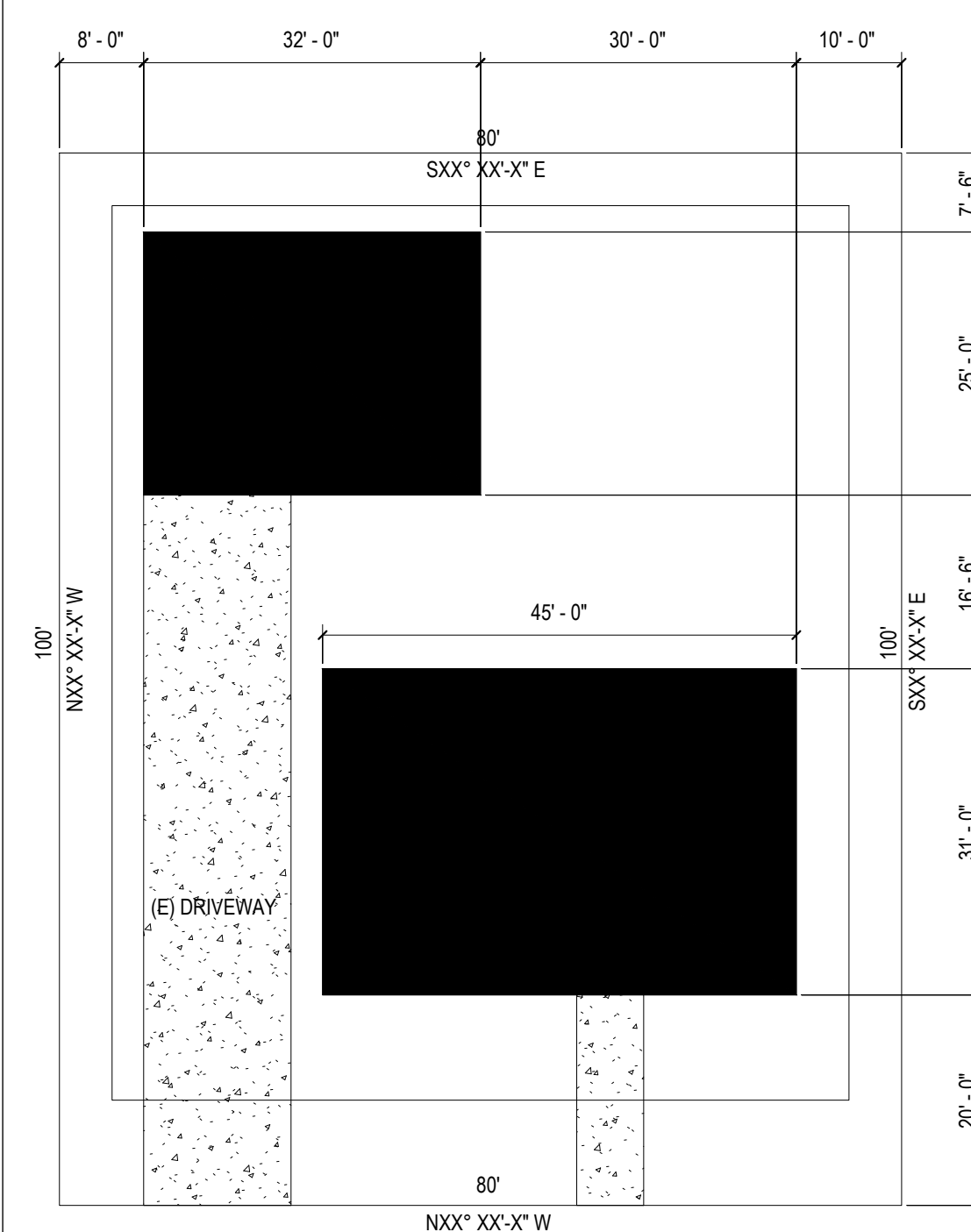
SITE PLAN LEGEND



LANDSCAPE INFORMATION

PROPOSED PLANTED AREA (SF): _____

EXAMPLE SITE PLAN



ENGINEERING SCALE: 1" = _____

BASELINE BMPs FOR EXISTING AND PROPOSED SITE FEATURES

- SD-B DIRECT RUNOFF TO PERVIOUS AREAS
SD-C INSTALL GREEN ROOF
SD-E INSTALL RAIN BARRELS
SD-G CONSERVE NATURAL FEATURES
SD-H PROVIDE BUFFERS AROUND WATER BODIES
SD-I CONSTRUCT SURFACES FROM PERMEABLE MATERIALS
SD-K SUSTAINABLE LANDSCAPING

BASELINE BMPs FOR POLLUTANT-GENERATING SOURCES

- SC-A OVERHEAD COVERING
SC-B SEPARATION OF FLOWS FROM ADJACENT AREAS
SC-C WIND PROTECTION
SC-D SANITARY SEWER
SC-E CONTAINMENT SYSTEM

POTENTIAL RUNOFF POLLUTANTS:

- A TRASH & REFUSE STORAGE
B MATERIALS & EQUIPMENT STORAGE
C LOADING & UNLOADING
D FUELING
E MAINTENANCE & REPAIR
F VEHICLE & EQUIPMENT CLEANING
G OTHER

SITE PLAN CHECKLIST THE APPLICANT SHALL PROVIDE A DIMENSIONED AND SCALED SITE PLAN SHOWING THE BELOW INFORMATION. THIS CHECKLIST IS PROVIDED TO HELP GUIDE APPLICANTS THROUGH THE PREPARATION OF A PROPERTY SITE PLAN.

- FOOTPRINT OF ALL EXISTING AND PROPOSED BUILDINGS
AREA OF EXISTING BUILDING
DRAWING SCALE
PROPERTY LINES
LABEL YARDS
SETBACKS
EASEMENTS
LOCATION OF RAIN WATER LEADERS
LABEL STREETS & SIDEWALKS
DIMENSION BUILDING SEPARATION
LOT COVERAGE CALCULATION
SWIMMING POOLS
LOCATION OF EXISTING UTILITIES

PERVIOUS AREA INFORMATION

Table with 5 columns: SITE ID, PERVIOUS ITEM, DIMENSIONS, AREA (SF), NOTES

PERVIOUS ELEMENT MANUFACTURER:
PERVIOUS ELEMENT SLOPE AND DIRECTION OF SLOPE:
PERVIOUS ELEMENT CROSS SECTION LOCATED ON SHEET:

CONSTRUCTED PERVIOUS SURFACES SHALL NOT BE SEALED.

IMPERVIOUS AREA INFORMATION

Table with 6 columns: SITE ID, IMPERVIOUS ITEM, DIMENSIONS, NEW or REPLACED AREA (SF), EXISTING AREA (SF) TO REMAIN, EXISTING AREA (SF) REMOVED

TOTAL (SF)
NET NEW (INCREASED) SINCE 2009 800 SF + XXX - BBB

LAND DISTURBANCE: _____ SF

NO. DATE REVISIONS

Table with 3 columns: NO., DATE, REVISIONS

PROJECT TITLE:

SCC STANDARD
ADU - 800 SF

Enter address here

COUNTY PERMIT # DEV2X-XXXX

DATE: Issue Date

SHEET TITLE:

SITE PLAN

SCALE: As indicated

G.1



COUNTY OF SANTA CLARA
2022 CALGREEN RESIDENTIAL CHECKLIST (MANDATORY)

County Amendments to CALGreen are in Italics.
- Designer to cross out items that are not applicable to the project.
- Installer or designer shall verify all applicable requirements have been satisfied and sign and date each row. County Inspectors will verify completion signatures and supporting documentation DURING CONSTRUCTION.

Table with columns: ITEM #, CALGreen CODE SECTION, REQUIREMENT, APPLICANT TO COMPLETE (REFERENCE SHEET, Note or Detail No., Date), Installer or Designer Verification (Installer or Designer Signature).

Table with columns: ITEM #, CALGreen CODE SECTION, REQUIREMENT, APPLICANT TO COMPLETE (REFERENCE SHEET, Note or Detail No., Date), Installer or Designer Verification (Installer or Designer Signature).

Table with columns: ITEM #, CALGreen CODE SECTION, REQUIREMENT, APPLICANT TO COMPLETE (REFERENCE SHEET, Note or Detail No., Date), Installer or Designer Verification (Installer or Designer Signature).

TABLE 4.504.5 FORMALDEHYDE LIMITS*
Maximum Formaldehyde Emissions in Parts per Million
Table with columns: PRODUCT, CURRENT LIMIT

TABLE 4.504.1 ADHESIVE VOC LIMITS*
Less Water and Less Exempt Compounds in Grams per Liter

Table with columns: ARCHITECTURAL APPLICATIONS, VOC LIMIT

TABLE 4.504.3 VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS*
Less Water and Less Exempt Compounds

Table with columns: COATING CATEGORY, VOC LIMIT

TABLE 4.504.2 SEALANT VOC LIMIT
Less Water and Less Exempt Compounds in Grams per Liter

Table with columns: SEALANTS, VOC LIMIT

Construction Waste Management (CWM) Plan

Fill out the form including diversion rate and facility names and addresses

Form fields for Project Name, Job #, Project Manager, Waste Hauling Company, Contact Name, and Legend for Hauling Company, Sorting Facility Name and Location, Disposal Service Company.

All Subcontractors shall comply with the project's Construction Waste Management Plan. All Subcontractor foremen shall sign the CWM Plan Acknowledgment Sheet.

Subcontractors who fail to comply with the Waste Management Plan will be subject to backcharges or withholding of payment, as deemed appropriate. For instance, Subcontractors who contaminate debris boxes that have been designated for a single material type will be subject to backcharge or withheld payment, as deemed appropriate.

- 1. The project's overall rate of waste diversion will be ____%.
2. This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials and reusing materials whenever possible.
3. Spreadsheet 1, enclosed, identifies the waste materials that will be generated on this project, the diversion strategy for each waste type and the anticipated diversion rate.
4. Waste prevention and recycling activities will be discussed at the beginning of weekly subcontractor meetings.
5. Salvage: Excess materials that cannot be used in the project, nor returned to the vendor, will be offered to site workers, the owner, or donated to charity if feasible.
6. ____ will provide a commingled drop box at the jobsite for most of the construction waste.
7. In the event that the waste diversion rate achievable via the strategy described in (6) above, is projected to be lower than what is required, then a strategy of source-separated waste diversion and/or waste stream reduction will be implemented.

- Notes:
1. Waste stream reduction refers to efforts taken by the builder to reduce the amount of waste generated by the project to below four (4) pounds per square foot of building area.
2. When using waste stream reduction measures, the gross weight of the product is subtracted from a base weight of four (4) pounds per square foot of building area.
3. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008.
4. In the event that site use constraints (such as limited space) restrict the number of debris boxes that can be used for collection of designated waste the project Superintendent will, as deemed appropriate, allocate specific areas onsite where individual material types are to be consolidated.
5. Debris from jobsite office and meeting rooms will be collected by ____ will, at a minimum, recycle office paper, plastic, metal and cardboard.

Construction Waste Management (CWM) Worksheet

Form for Construction Waste Management (CWM) Worksheet with fields for Project Name, Job Number, Project Manager, Waste Hauling Company, Construction Waste Management (CWM) Plan, and a table for Waste Material Type, Commingled and Sorted Off Site, Source Separated on Site, Projected Diversion Rate.

Construction Waste Management (CWM) Acknowledgment

Note: This sample form may be used to assist in documenting compliance with the waste management plan.

Form for Construction Waste Management (CWM) Acknowledgment with fields for Project Name, Job Number, Project Manager, Waste Hauling Company, CWM Plan Acknowledgment, and a table for Date, Subcontractor Company Name, Foreman Name, Signature.



THE COUNTY OF SANTA CLARA

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https://www.santacruzcounty.gov

NO. DATE REVISIONS

PROJECT TITLE:

SCC STANDARD
ADU - 800 SF

Enter address here

COUNTY PERMIT # DEV2X-XXXX

DATE: Issue Date

SHEET TITLE:

COUNTY CALGREEN
CHECKLIST

SCALE:

CALGREEN 2022 NOTES – MANDATORY REQUIREMENTS:

1. PROJECTS WHICH DISTURB LESS THAN ONE ACRE OF SOIL AND ARE NOT PART OF A LARGER COMMON PLAN OF DEVELOPMENT WHICH IN TOTAL DISTURBS ONE ACRE OR MORE, SHALL MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION. SEE CALGREEN 4.106.2 FOR FURTHER DETAILS.

2. CONSTRUCTION PLANS SHALL INDICATE HOW THE SITE GRADING OR DRAINAGE SYSTEM WILL MANAGE ALL SURFACE WATER FLOWS TO KEEP WATER FROM ENTERING BUILDINGS. SWALES, WATER COLLECTION AND DISPOSAL SYSTEMS, FRENCH DRAINS, WATER RETENTION GARDENS, AND OTHER MEASURES CAN BE USED. EXCEPTION: ADDITIONS AND ALTERATIONS NOT ALTERING THE DRAINAGE PATH.

3. FOR ANY NEW DWELLING UNITS WITH ATTACHED GARAGES AND FOR REBUILDS OF EXISTING DWELLING UNITS THAT INCLUDE A PANEL UPGRADE OR CONSTRUCTION BETWEEN THE PANEL AND PARKING AREA, INSTALL A LEVEL 2 EV READY SPACE AND LEVEL 1 EV READY SPACE. THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS "LEVEL 2 EV-READY."

EXCEPTION: FOR EACH DWELLING UNIT WITH ONLY ONE PARKING SPACE, INSTALL A LEVEL 2 EV READY SPACE.

LEVEL 1 EV READY SPACE IS A PARKING SPACE SERVED BY A COMPLETE ELECTRIC CIRCUIT WITH A MINIMUM OF 110/120 VOLT, 20-AMPERE CAPACITY, INCLUDING ELECTRICAL PANEL CAPACITY; AN OVERPROTECTION DEVICE; A MINIMUM 1" DIAMETER RACEWAY THAT MAY INCLUDE MULTIPLE CIRCUITS AS ALLOWED BY THE COUNTY ELECTRICAL CODE; PROPERLY SIZED CONDUCTORS; GROUNDING AND BONDING; AND EITHER (A) A RECEPTACLE LABELED "ELECTRIC VEHICLE OUTLET" WITH AT LEAST A ½" FONT ADJACENT TO THE PARKING SPACE, OR (B) LABELED ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE).

LEVEL 2 EV READY SPACE IS A PARKING SPACE SERVED BY A COMPLETE ELECTRIC CIRCUIT WITH A MINIMUM OF 208/240 VOLT, 40-AMPERE CAPACITY, INCLUDING THE REQUIRED ELECTRICAL PANEL CAPACITY; AN OVERCURRENT PROTECTION DEVICE; A MINIMUM 1" DIAMETER RACEWAY THAT MAY INCLUDE MULTIPLE CIRCUITS AS ALLOWED BY THE COUNTY ELECTRICAL CODE; PROPERLY SIZED CONDUCTORS; GROUNDING AND BONDING; AND EITHER (A) A RECEPTACLE LABELED "ELECTRIC VEHICLE OUTLET" WITH A MINIMUM ½" FONT, ADJACENT TO THE PARKING SPACE, OR (B) A BLANK LABELED ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE) WITH A MINIMUM OUTPUT OF 40 AMPERES.

4. ACCESSORY DWELLING UNITS (ADU) AND JUNIOR ACCESSORY DWELLING UNITS (JADU) WITHOUT ADDITIONAL PARKING SPACES AND WITHOUT ELECTRICAL PANEL UPGRADE OR NEW PANEL INSTALLATION ARE EXEMPT FROM REQUIREMENTS ON NOTE 3. ADUS AND JADUS WITHOUT ADDITIONAL PARKING BUT WITH ELECTRICAL PANEL UPGRADES OR NEW PANELS MUST HAVE RESERVED BREAKERS AND ELECTRICAL CAPACITY ACCORDING TO THE REQUIREMENTS OF NOTE 3.

5. ALL NONCOMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES. PLUMBING FIXTURE REPLACEMENT IS REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF FINAL COMPLETION, CERTIFICATE OF OCCUPANCY, OR FINAL PERMIT APPROVAL BY BUILDING AND INSPECTION DIVISION. SEE CIVIL CODE SECTION 1101.1, ET SEQ., FOR THE DEFINITION OF A NONCOMPLIANT PLUMBING FIXTURE, TYPES OF RESIDENTIAL BUILDINGS AFFECTED AND OTHER IMPORTANT ENACTMENT DATES.

- A. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS.
- B. SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE AT 80 PSI. SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS.
- C. WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL SHOWER-HEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI, OR THE SHOWER SHALL BE DESIGNED TO ALLOW ONLY ONE SHOWER OUTLET TO BE IN OPERATION AT A TIME. A HAND-HELD SHOWER SHALL BE CONSIDERED A SHOWERHEAD.
- D. THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GALLONS PER MINUTE AT 60 PSI. THE MINIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT BE LESS THAN 0.8 GALLONS PER MINUTE AT 20 PSI.
- E. THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI.

6. PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.1 OF THE CALIFORNIA PLUMBING CODE.

7. RESIDENTIAL DEVELOPMENTS SHALL COMPLY WITH COUNTY OF SANTA CLARA WATER EFFICIENT LANDSCAPE ORDINANCE OR THE CURRENT CALIFORNIA DEPARTMENT OF WATER RESOURCES' MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWEL0), WHICHEVER IS MORE STRINGENT.

8. Not used.

9. ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS OR OTHER OPENINGS IN SOLE/BOTTOM PLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR A SIMILAR METHOD ACCEPTABLE TO THE COUNTY OF SANTA CLARA.

10. RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 65 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH CALGREEN SECTION 4.408.2 OR 4.408.3.

A. A CONSTRUCTION WASTE MANAGEMENT PLAN IS PROVIDED. THE CONSTRUCTION WASTE MANAGEMENT PLAN SHALL BE UPDATED AS NECESSARY AND SHALL BE AVAILABLE DURING CONSTRUCTION FOR EXAMINATION BY THE COUNTY OF SANTA CLARA.

- 1. IDENTIFY THE CONSTRUCTION AND DEMOLITION WASTE MATERIALS TO BE DIVERTED FROM DISPOSAL BY RECYCLING, REUSE ON THE PROJECT OR SALVAGE FOR FUTURE USE OR SALE.
- 2. SPECIFY IF CONSTRUCTION AND DEMOLITION WASTE MATERIALS WILL BE SORTED ON-SITE (SOURCE-SEPARATED) OR BULK MIXED (SINGLE STREAM).
- 3. IDENTIFY DIVERSION FACILITIES WHERE THE CONSTRUCTION AND DEMOLITION WASTE MATERIAL WILL BE TAKEN.
- 4. IDENTIFY CONSTRUCTION METHODS EMPLOYED TO REDUCE THE AMOUNT OF CONSTRUCTION AND DEMOLITION WASTE GENERATED.
- 5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

B. A WASTE MANAGEMENT COMPANY CAN BE UTILIZED IF APPROVED BY THE COUNTY OF SANTA CLARA. SEE CALGREEN 4.408.3 FOR FURTHER .DETAILS

11. DOCUMENTATION SHALL BE PROVIDED TO THE COUNTY OF SANTA CLARA WHICH DEMONSTRATES COMPLIANCE WITH NOTE 10.

12. AT THE TIME OF FINAL INSPECTION, A MANUAL, COMPACT DISC, WEB-BASED REFERENCE, OR OTHER MEDIA ACCEPTABLE TO THE COUNTY OF SANTA CLARA INCLUDES ALL OF THE REQUIRED INFORMATION, SHALL BE PLACED IN THE BUILDING. SEE CALGREEN 4.410.1 FOR DETAILS OF REQUIRED INFORMATION.

13. ANY INSTALLED GAS FIREPLACE SHALL BE A DIRECT-VENT SEALED-COMBUSTION TYPE. ANY INSTALLED WOODSTOVE OR PELLET STOVE SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL ALSO COMPLY WITH APPLICABLE SANTA CLARA COUNTY ORDINANCES AND BAY AREA AIR QUALITY MANAGEMENT DISTRICT REGULATION 6, RULE 3.

14. AT THE TIME OF ROUGH INSTALLATION, DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE COUNTY OF SANTA CLARA TO REDUCE THE AMOUNT OF WATER, DUST AND DEBRIS, WHICH MAY ENTER THE SYSTEM.

15. ADHESIVES, SEALANTS AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF CALGREEN TABLES 4.504.1 OR 4.504.2 AS REPRODUCED ON SHEET CG-1. SUCH PRODUCTS ALSO SHALL COMPLY WITH THE RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC COMPOUNDS (CHLOROFORM, ETHYLENE DICHLORIDE, METHYLENE CHLORIDE, PERCHLOROETHYLENE AND TRICHLOROETHYLENE), EXCEPT FOR AEROSOL PRODUCTS, AS SPECIFIED BELOW.

AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN 1 POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94507.

16. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS AS SHOWN IN TABLE 4.504.3 SHEET CG-1. THE VOC CONTENT LIMIT FOR COATINGS THAT DO NOT MEET THE DEFINITIONS FOR THE SPECIALTY COATINGS CATEGORIES LISTED IN TABLE 4.504.3 SHALL BE DETERMINED BY CLASSIFYING THE COATING AS A FLAT, NONFLAT OR NONFLAT-HIGH GLOSS COATING, BASED ON ITS GLOSS, AS DEFINED IN SUBSECTIONS 4.21, 4.36, AND 4.37 OF THE 2007 CALIFORNIA AIR RESOURCES BOARD, SUGGESTED CONTROL MEASURE, AND THE CORRESPONDING FLAT, NONFLAT OR NON-FLAT-HIGH GLOSS VOC LIMIT IN TABLE 4.504.3, SHEET CG-1 SHALL APPLY.

17. AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522(A)(2) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES, IN SECTIONS 94522(E)(1) AND (F)(1) OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94520; AND IN AREAS UNDER THE JURISDICTION OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT ADDITIONALLY COMPLY WITH THE PERCENT VOC BY WEIGHT OF PRODUCT LIMITS OF REGULATION 8, RULE 49.

18. VERIFICATION OF COMPLIANCE WITH NOTES 15, 16, AND 17 SHALL BE PROVIDED AT THE REQUEST OF THE COUNTY OF SANTA CLARA.

19. ALL CARPET AND CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS," VERSION 1.2, JANUARY 2017 (EMISSION TESTING METHOD FOR CALIFORNIA SPECIFICATION 01350)

ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE 4.504.1, SHEET CG-1.

20. WHERE RESILIENT FLOORING IS INSTALLED, AT LEAST 80 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS," VERSION 1.2, JANUARY 2017 (EMISSION TESTING METHOD FOR CALIFORNIA SPECIFICATION 01350)

21. HARDWOOD PLYWOOD, PARTICLEBOARD AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED ON THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN TABLE 4.504.5 SHEET CG-1.

22. VERIFICATION OF COMPLIANCE WITH NOTE 21 SHALL BE PROVIDED AT THE REQUEST OF THE COUNTY OF SANTA CLARA.

23. CONCRETE SLAB FOUNDATIONS REQUIRED TO HAVE A VAPOR RETARDER BY CBC, CHAPTER 19 OR CONCRETE SLAB-ON-GROUND FLOORS REQUIRED TO HAVE A VAPOR RETARDER BY CRC CHAPTER 5, SHALL COMPLY WITH FOLLOWING REQUIREMENT:

A CAPILLARY BREAK SHALL BE INSTALLED IN COMPLIANCE WITH AT LEAST ONE OF THE FOLLOWING:

- A. A 4-INCH-THICK BASE OF 1/2 INCH OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED WITH A VAPOR RETARDER IN DIRECT CONTACT WITH CONCRETE AND A CONCRETE MIX DESIGN, WHICH WILL ADDRESS BLEEDING, SHRINKAGE, AND CURLING, SHALL BE USED.
- B. A SLAB DESIGN SPECIFIED BY THE LICENSED DESIGN PROFESSIONAL.

24. BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE INSTALLED. WALL AND FLOOR FRAMING SHALL NOT BE ENCLOSED WHEN THE FRAMING MEMBERS EXCEED 19 PERCENT MOISTURE CONTENT. INSULATION PRODUCTS WHICH ARE VISIBLY WET OR HAVE A HIGH MOISTURE CONTENT SHALL BE REPLACED OR ALLOWED TO DRY PRIOR TO ENCLOSURE IN WALL OR FLOOR CAVITIES. WET-APPLIED INSULATION PRODUCTS SHALL FOLLOW THE MANUFACTURERS' DRYING RECOMMENDATIONS PRIOR TO ENCLOSURE.

25. EACH BATHROOM SHALL BE MECHANICALLY VENTILATED AND SHALL COMPLY WITH THE FOLLOWING:

- A. FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING.
- B. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL.
 - 1. HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF ≤ 50 PERCENT TO A MAXIMUM OF 80 PERCENT. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT.
 - 2. A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO THE EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRAL.

26. HEATING AND AIR-CONDITIONING SYSTEMS SHALL BE SIZED, DESIGNED AND HAVE THEIR EQUIPMENT SELECTED USING THE FOLLOWING METHODS:

- A. THE HEAT LOSS AND HEAT GAIN IS ESTABLISHED ACCORDING TO ANSI/ACCA 2 MANUAL J—2016 (RESIDENTIAL LOAD CALCULATION), ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.
- B. DUCT SYSTEMS ARE SIZED ACCORDING TO ANSI/ACCA 1 MANUAL D—2016 (RESIDENTIAL DUCT SYSTEMS), ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.
- C. SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSI/ACCA 3 MANUAL S—2014 (RESIDENTIAL EQUIPMENT SELECTION) OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.

27. HVAC SYSTEM INSTALLERS SHALL BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS INCLUDING DUCTS AND EQUIPMENT BY A NATIONALLY OR REGIONALLY RECOGNIZED TRAINING OR CERTIFICATION PROGRAM. UNCERTIFIED PERSONS MAY PERFORM HVAC INSTALLATIONS WHEN UNDER THE DIRECT SUPERVISION AND RESPONSIBILITY OF A PERSON TRAINED AND CERTIFIED TO INSTALL HVAC SYSTEMS OR CONTRACTOR LICENSED TO INSTALL HVAC SYSTEMS.

28. IF REQUIRED BY THE COUNTY OF SANTA CLARA, THE OWNER OR THE RESPONSIBLE ENTITY ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTION OR OTHER DUTIES NECESSARY TO SUBSTANTIATE COMPLIANCE WITH THIS CODE. SPECIAL INSPECTORS SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE COUNTY OF SANTA CLARA FOR THE PARTICULAR TYPE OF INSPECTION OR TASK TO BE PERFORMED. SPECIAL INSPECTORS SHALL BE INDEPENDENT ENTITIES WITH NO FINANCIAL INTEREST IN THE MATERIALS OR THE PROJECT THEY ARE INSPECTING FOR COMPLIANCE WITH THIS CODE.

29. DOCUMENTATION USED TO SHOW COMPLIANCE WITH THIS CODE SHALL INCLUDE BUT IS NOT LIMITED TO, CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATIONS, BUILDER OR INSTALLER CERTIFICATION, INSPECTION REPORTS, OR OTHER METHODS ACCEPTABLE TO THE COUNTY OF SANTA CLARA WHICH DEMONSTRATE SUBSTANTIAL CONFORMANCE. WHEN SPECIFIC DOCUMENTATION OR SPECIAL INSPECTION IS NECESSARY TO VERIFY COMPLIANCE, THAT METHOD OF COMPLIANCE WILL BE SPECIFIED IN THE APPROPRIATE SECTION OR IDENTIFIED IN THE APPLICATION CHECKLIST.



THE COUNTY OF SANTA CLARA

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PROJECT TITLE:

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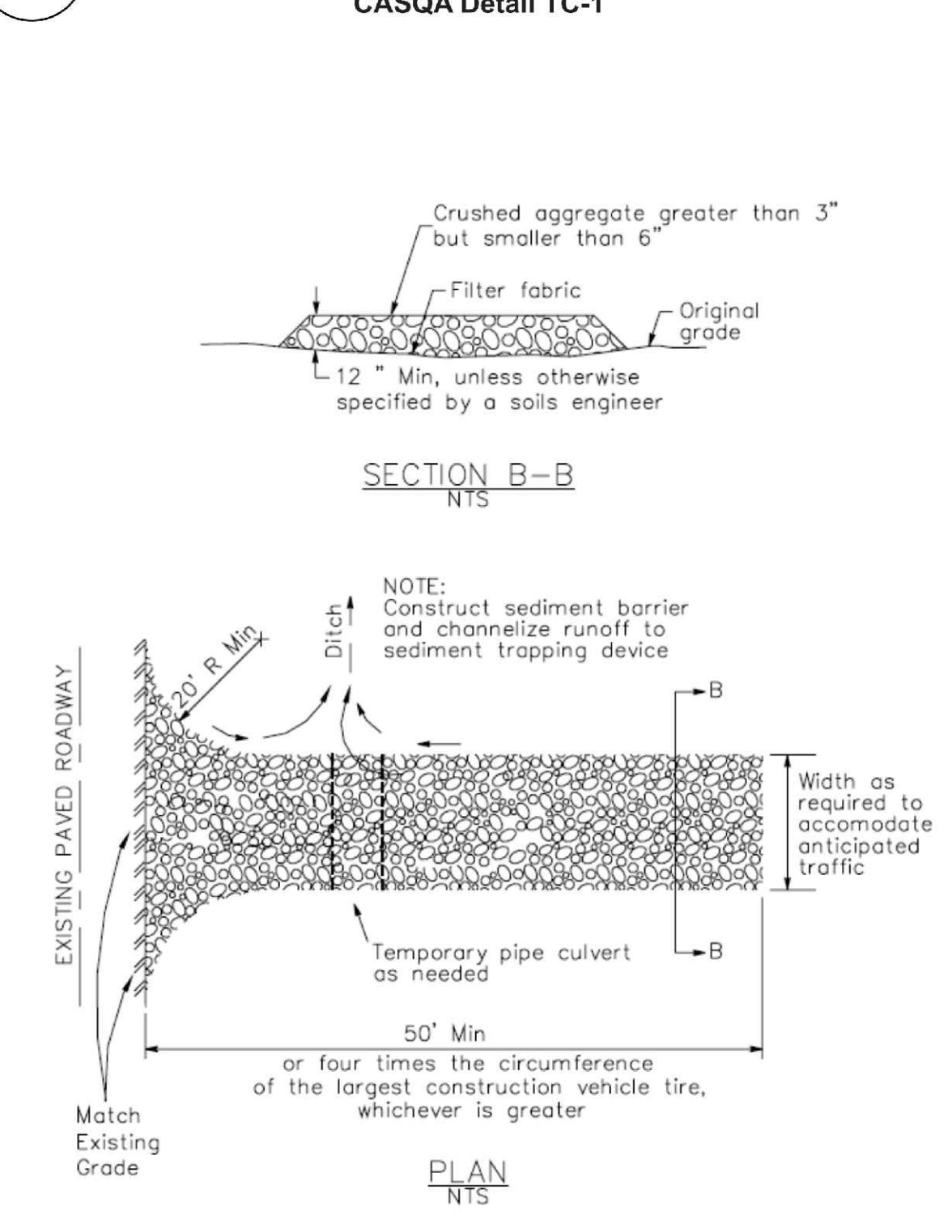
**COUNTY CALGREEN
CHECKLIST**

SCALE:

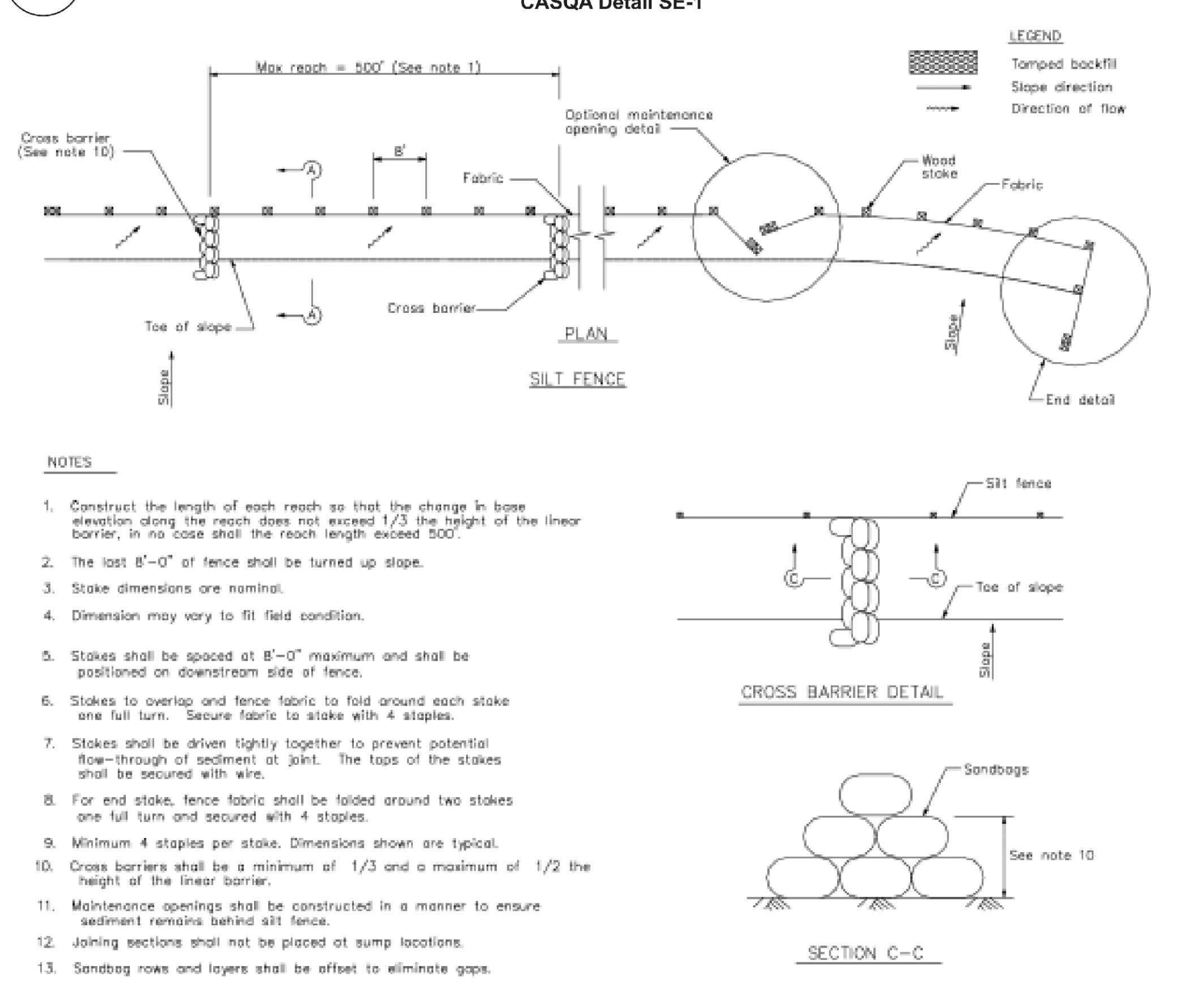


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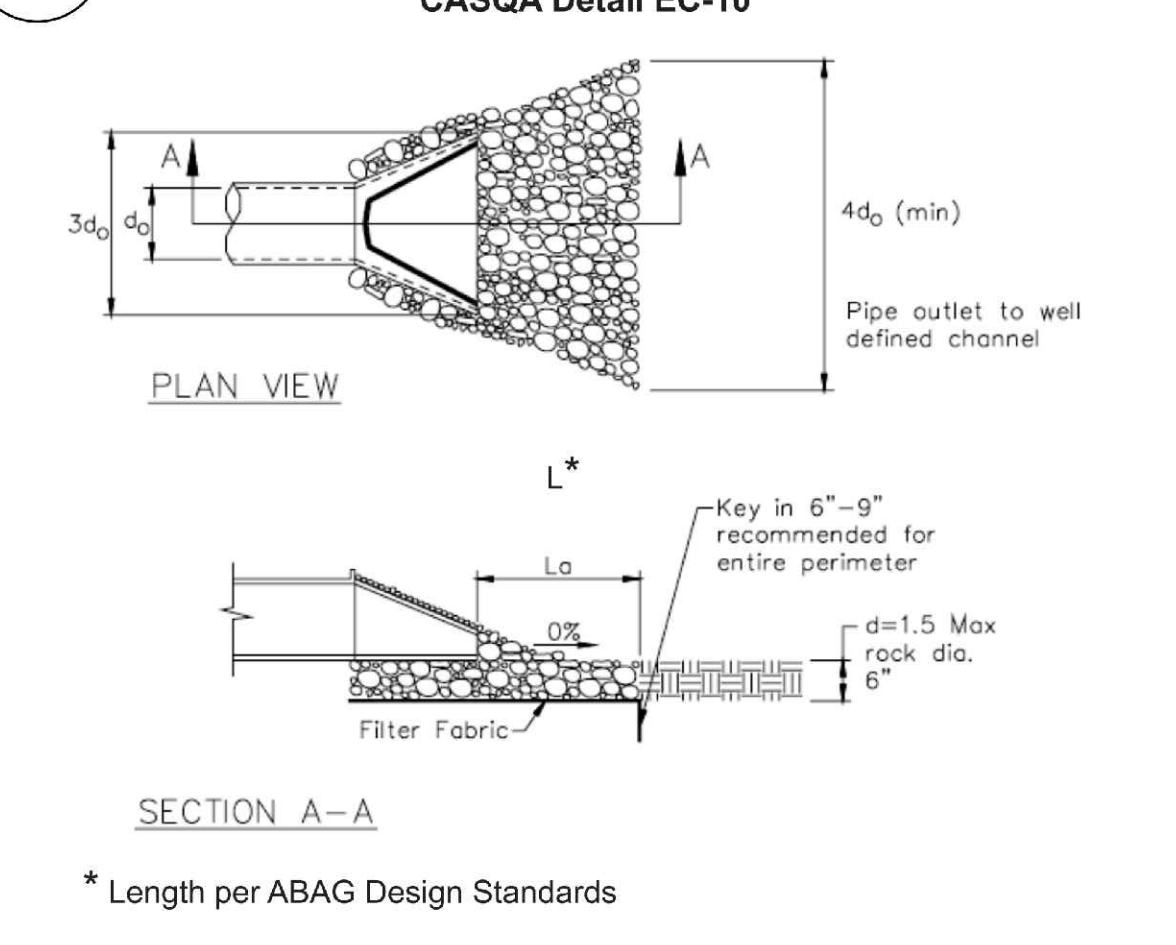
3 Stabilized Construction Entrance/Exit
 CASQA Detail TC-1



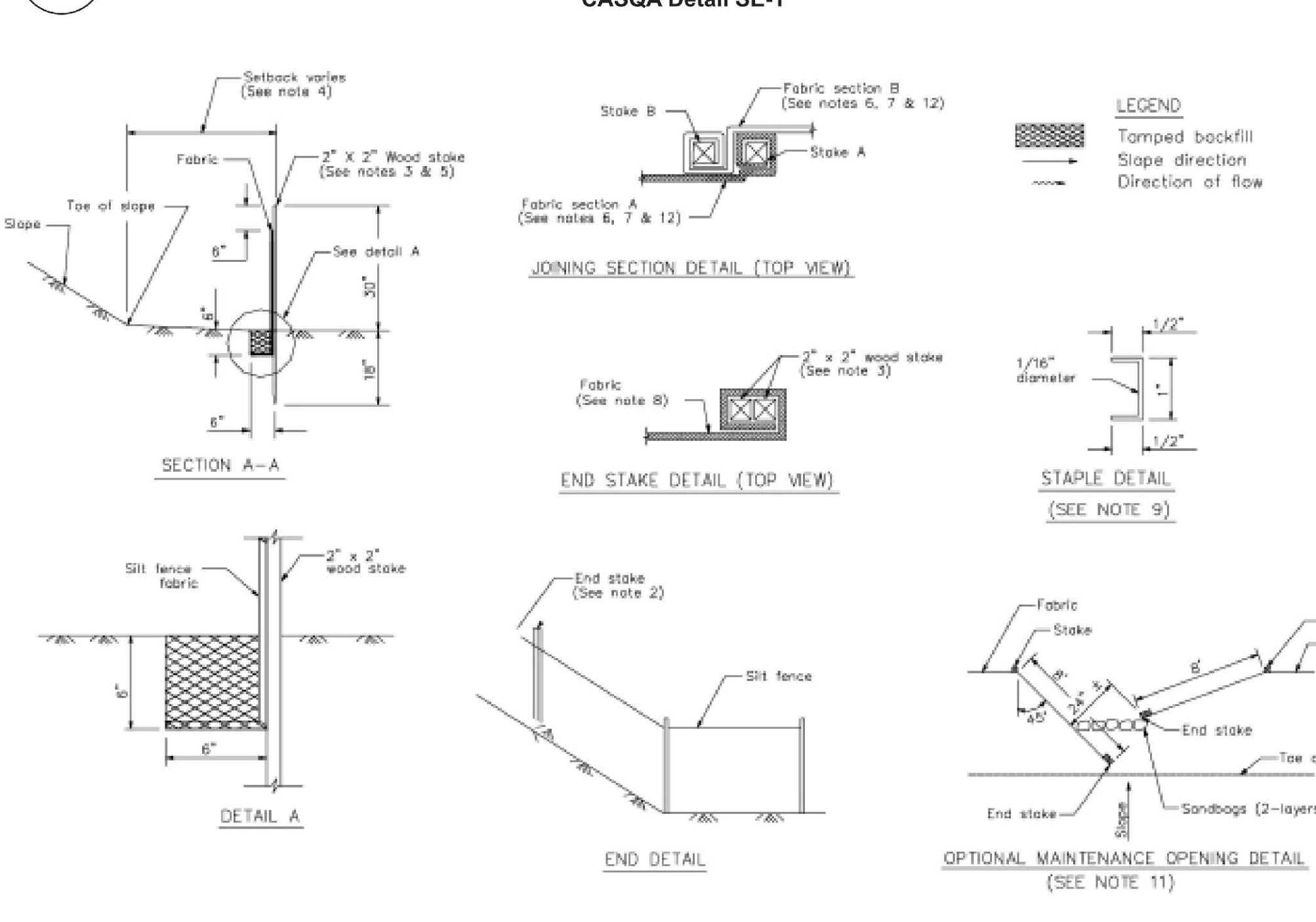
1 Silt Fence
 CASQA Detail SE-1



4 Velocity Dissipation Devices
 CASQA Detail EC-10



2 Silt Fence
 CASQA Detail SE-1



STANDARD BEST MANAGEMENT PRACTICE NOTES

- Solid and Demolition Waste Management:** Provide designated waste collection areas and containers on site away from streets, gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C3) or latest.
- Hazardous Waste Management:** Provide proper handling and disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable materials. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
- Spill Prevention and Control:** Provide proper storage areas for liquid and solid materials, including chemicals and hazardous substances, away from streets, gutters, storm drains, and waterways. Spill control materials must be kept on site where readily accessible. Spills must be cleaned up immediately and contaminated soil disposed properly. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-7 to C-8, C-13 to C-14) or latest.
- Vehicle and Construction Equipment Service and Storage:** An area shall be designated for the maintenance, where on-site maintenance is required, and storage of equipment that is protected from stormwater run-on and runoff. Measures shall be provided to capture any waste oils, lubricants, or other potential pollutants and these wastes shall be properly disposed of off site. Fueling and major maintenance/repair, and washing shall be conducted off-site whenever feasible. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C9) or latest.
- Material Delivery, Handling and Storage:** In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
- Handling and Disposal of Concrete and Cement:** When concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to C-16) or latest.
- Pavement Construction Management:** Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest.
- Contaminated Soil and Water Management:** Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or latest.
- Sanitary/Septic Water Management:** Temporary sanitary facilities should be located away from drainage paths, waterways, and traffic areas. Only licensed sanitary and septic waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or latest.
- Inspection & Maintenance:** Areas of material and equipment storage sites and temporary sanitary facilities must be inspected weekly. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.

STANDARD EROSION CONTROL NOTES

- Sediment Control Management:**
 - Tracking Prevention & Clean Up:** Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or more frequently as determined by the County Inspector. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-31 to B-33) or latest.
 - Storm Drain Inlet and Catch Basin Inlet Protection:** All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber rolls or staked silt fences can be used. Inlet filters are not allowed due to clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest.
 - Storm Water Runoff:** No storm water runoff shall be allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed.
 - Dust Control:** The contractor shall provide dust control in graded areas as required by providing wind suppression or chemical stabilization of exposed soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases.
 - Stockpiling:** Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures (tarps, straw bales, silt fences, etc.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.
- Erosion Control:** During the rainy season, all disturbed areas must include an effective combination of erosion and sediment control. It is required that temporary erosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, erosion control measures must be applied sufficient to control wind erosion at the site.
- Inspection & Maintenance:** Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.
- Project Completion:** Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
- It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
- Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.

Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.

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PROJECT TITLE:
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BEST MANAGEMENT PRACTICES & EROSION CONTROL DETAILS

SCALE:

Best Management Practices and Erosion Control Details Sheet 1
 County of Santa Clara

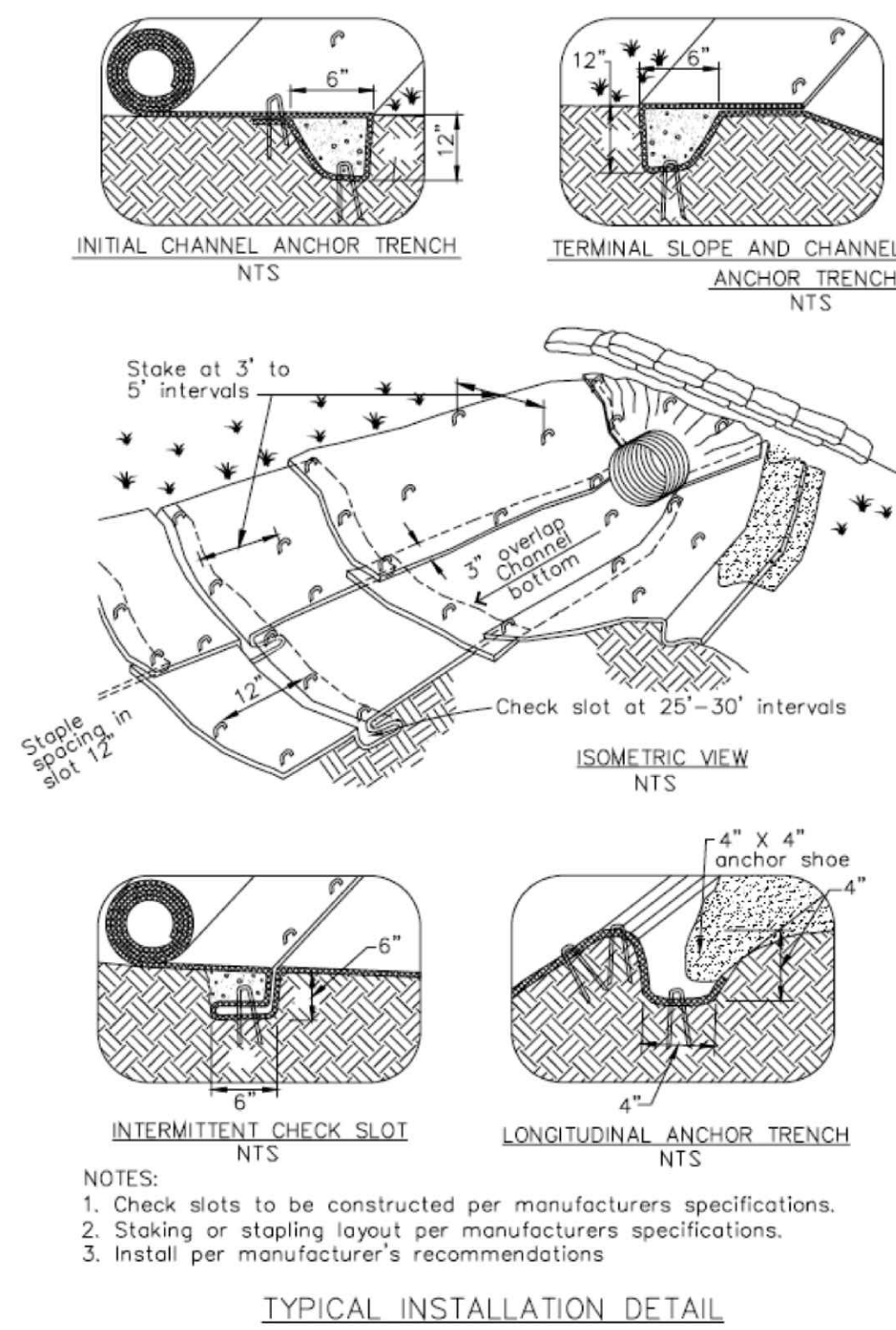




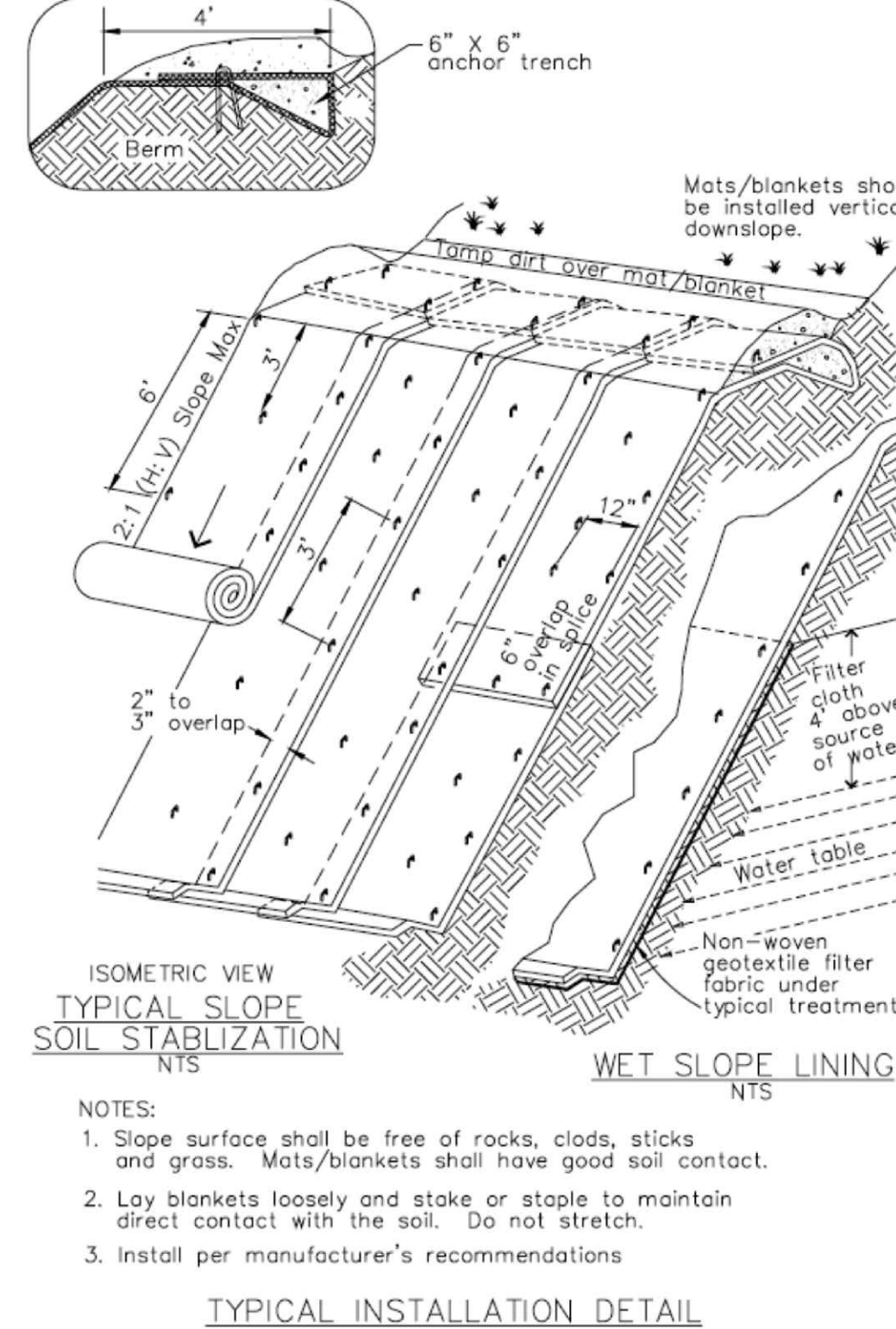
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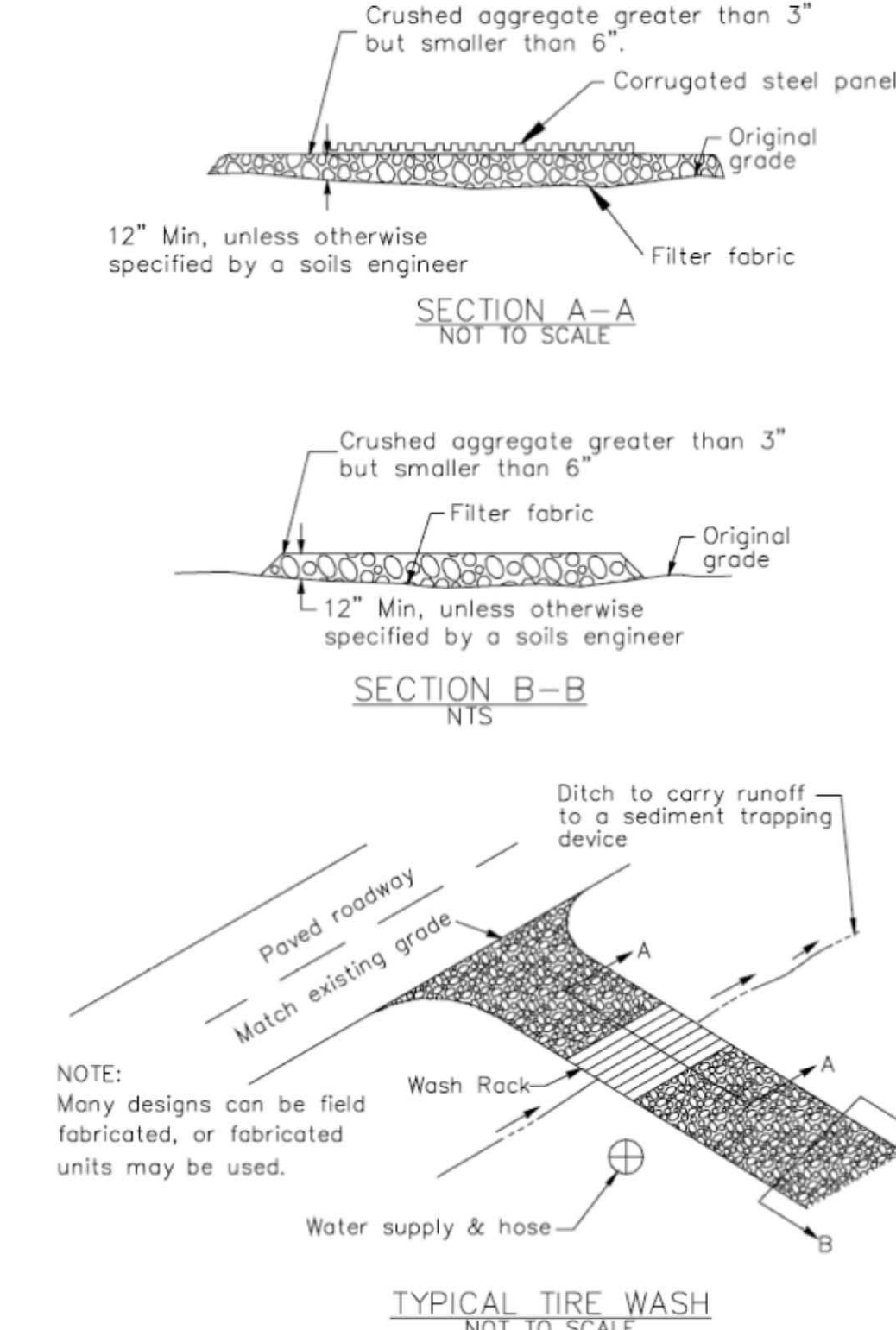
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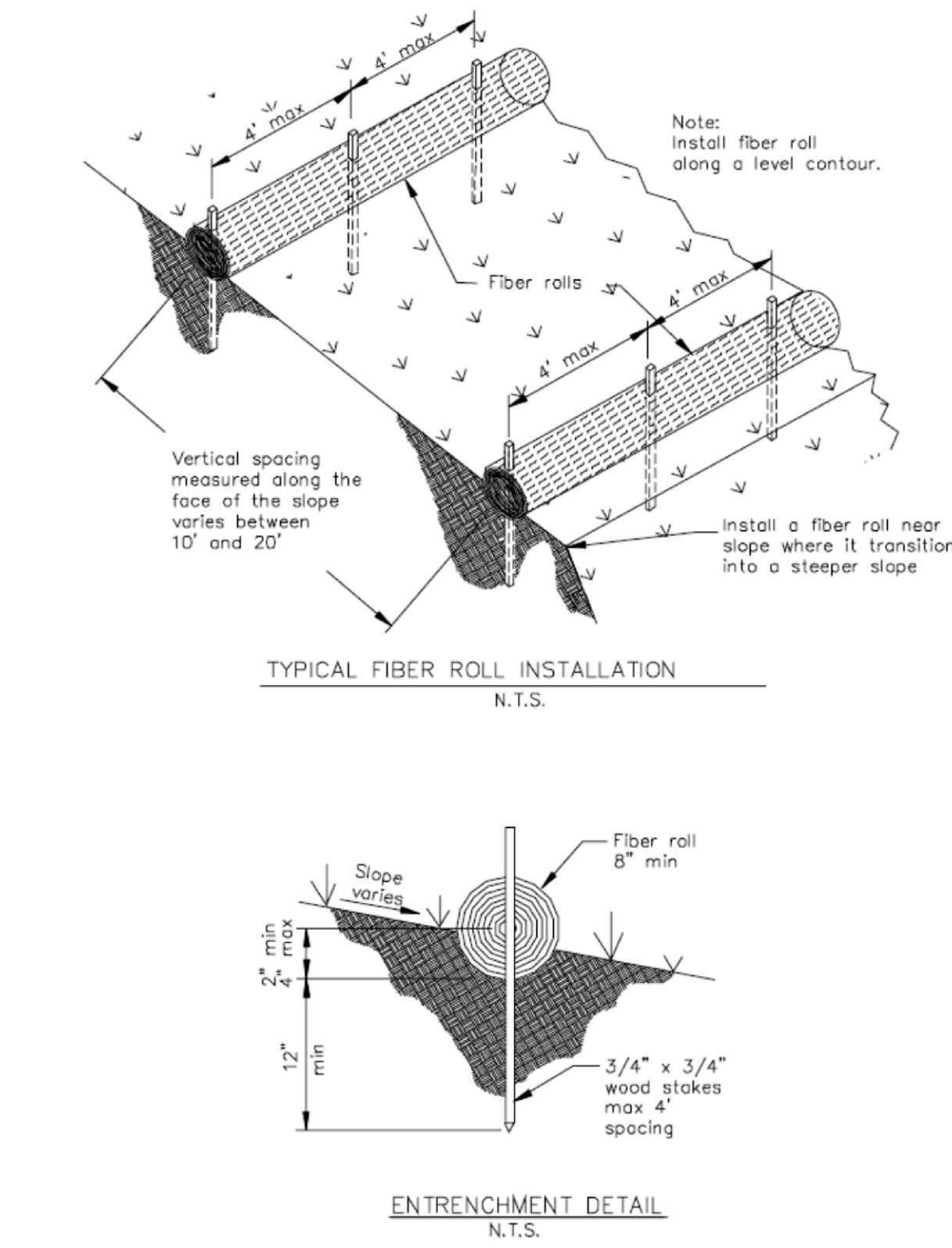
5 Geotextiles and Mats CASQA Detail EC-7



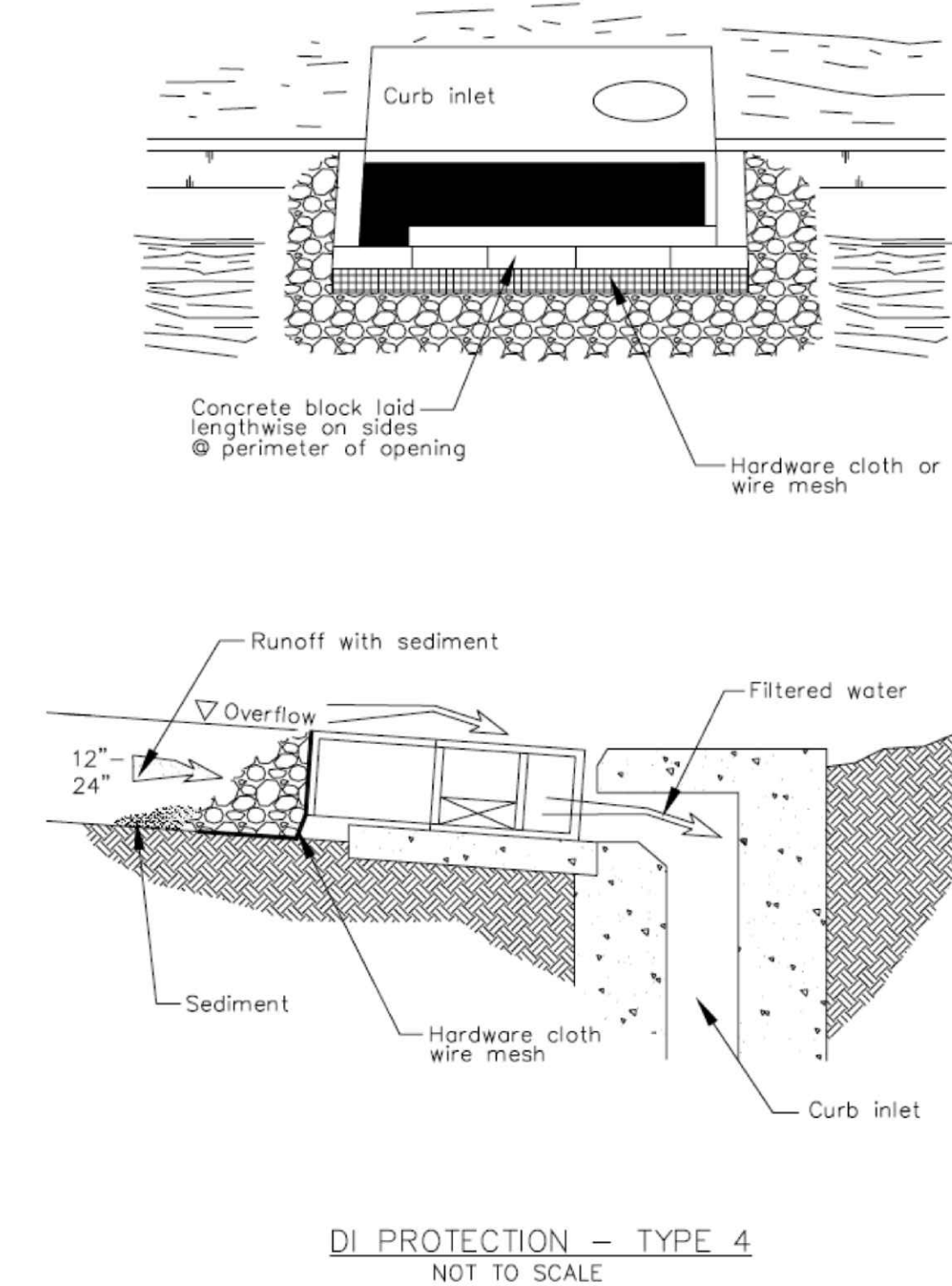
3 Entrance/Outlet Tire Wash CASQA Detail TC-3



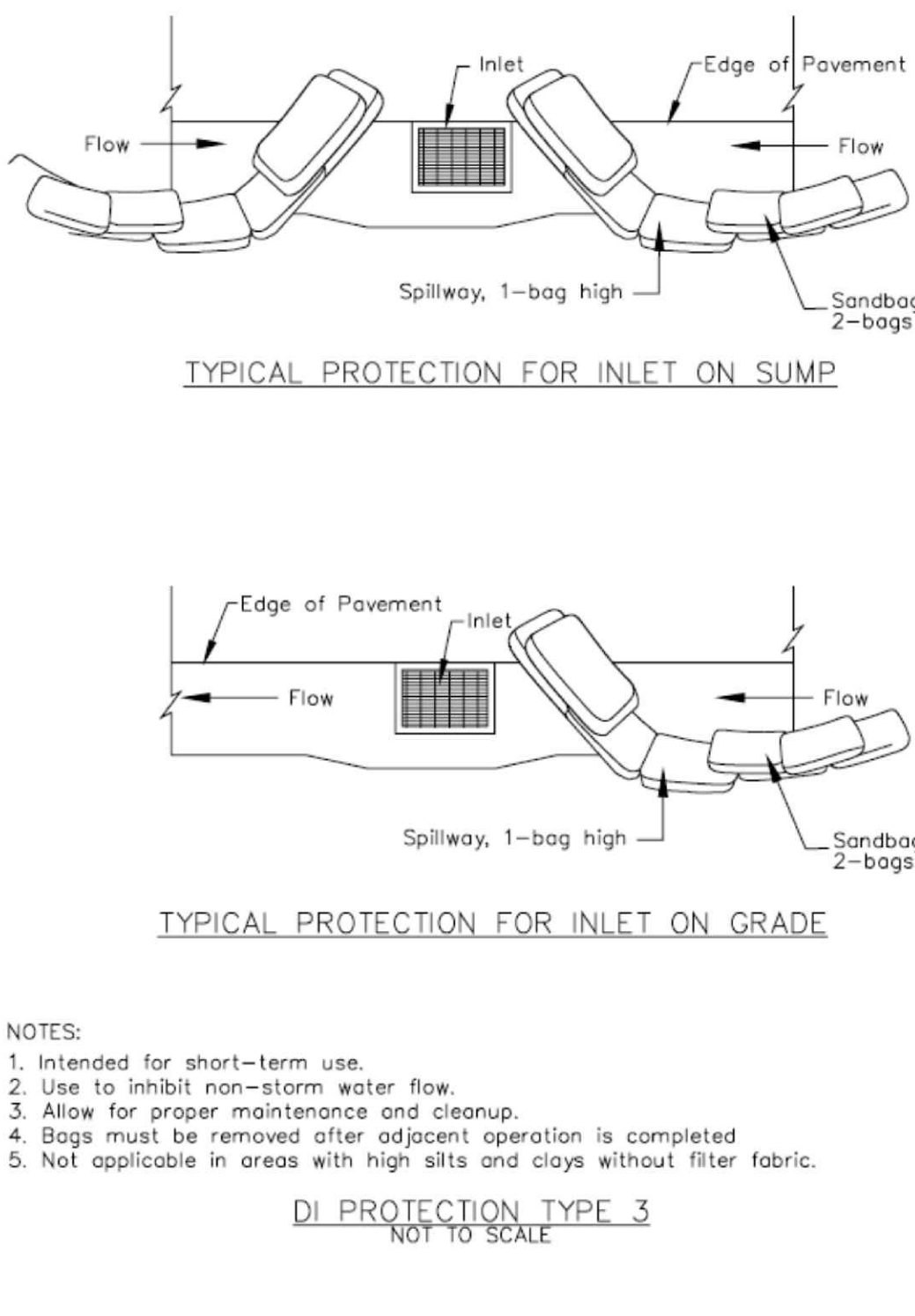
1 Fiber Rolls CASQA Detail SE-5



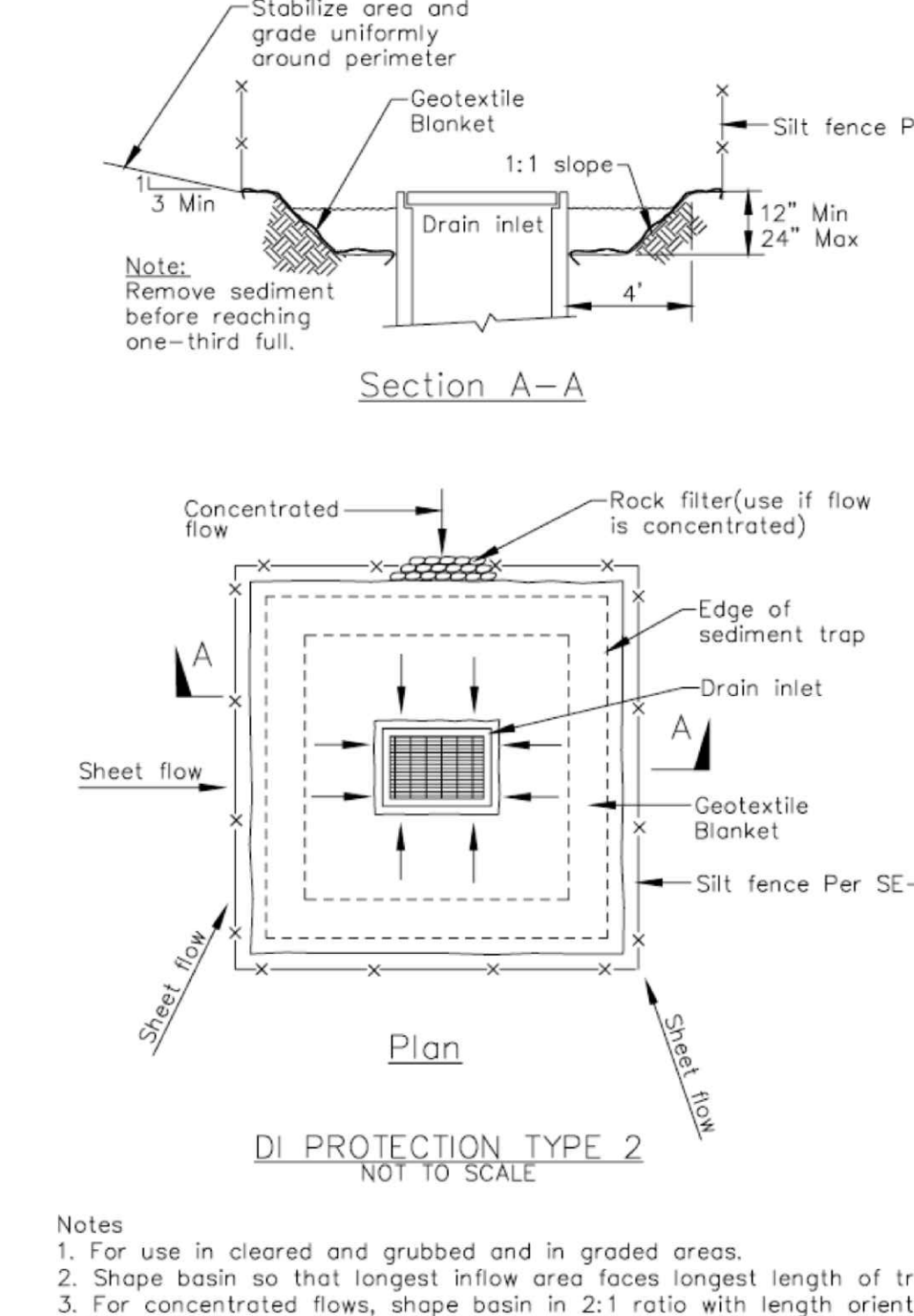
8 Storm Drain Inlet Protection CASQA Detail SE-10



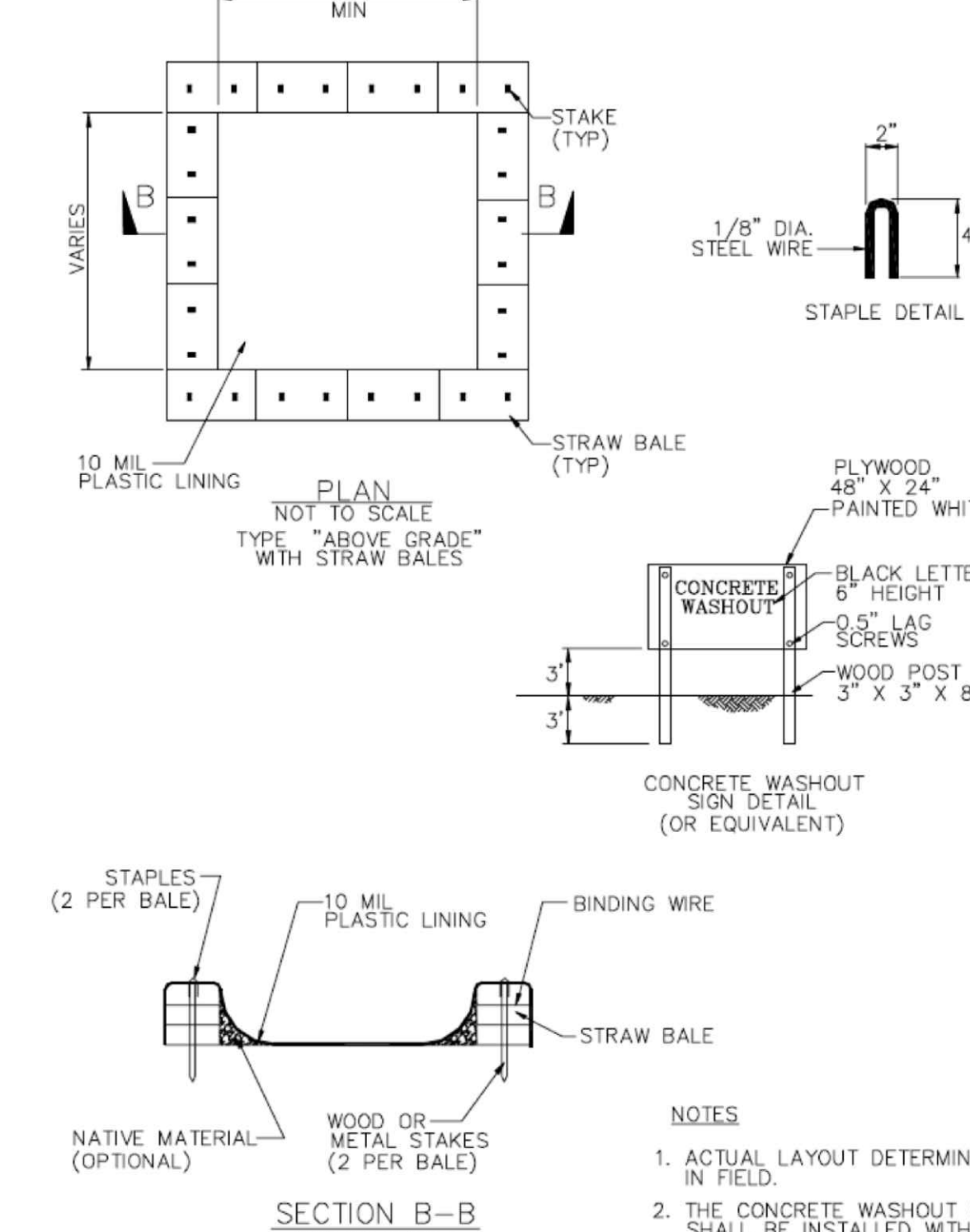
6 Storm Drain Inlet Protection CASQA Detail SE-10



4 Storm Drain Inlet Protection CASQA Detail SE-10



2 Concrete Waste Management CASQA Detail WM-8



Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.

Best Management Practices and Erosion Control Details Sheet 2 County of Santa Clara



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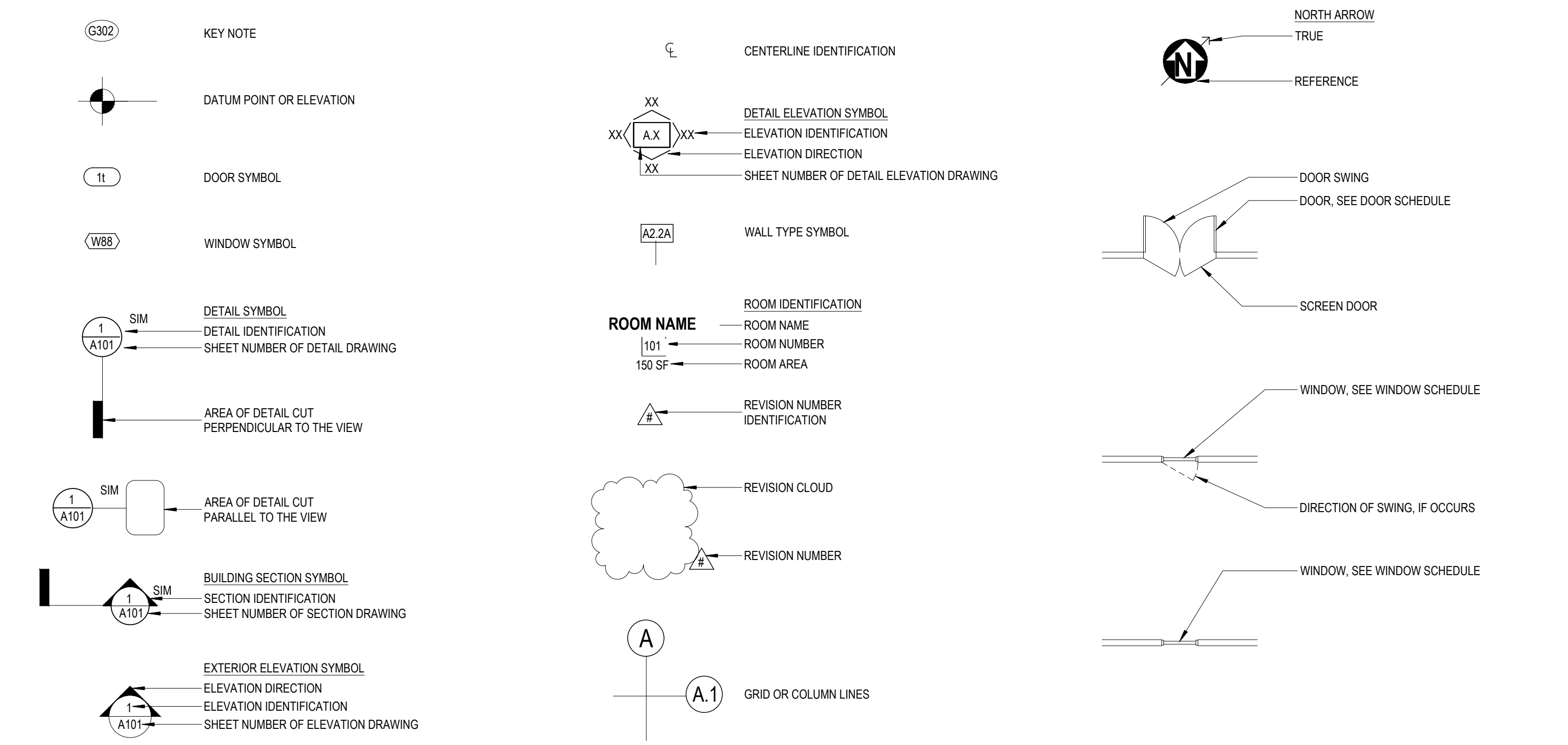
**BEST MANAGEMENT
PRACTICES &
EROSION CONTROL
DETAILS**

SCALE:

ARCHITECTURAL ABBREVIATIONS

AB ANCHOR BOLT	(E) EXISTING	JAN JANITOR	QT QUARRY TILE	T TREAD
ABV ABOVE	E EAST	JH JOIST HANGER	QTR QUARTER	T&G TONGUE & GROOVE
AC ASPHALT CONCRETE	EA EACH	JT JOINT	QUAN QUANTITY	TBD TO BE DETERMINED
ACOUS ACoustical	EB EXPANSION JOINT	KD KILN DRIED	R RISER	TEL TELEPHONE
ACT ACoustical CEILING TILE	EF EXHAUST FAN	KIT KITCHEN	RA RETURN AIR	TEMP TEMPORARY
AD AREA DRAIN	EL ELEVATION	LAB LABORATORY	RAD RADIUS	THRU THROUGH
ADJ ADJUSTABLE	ELECT ELECTRICAL	LAM LAMINATION	RD ROOF DRAIN	TK BD TACK BOARD
AFF ABOVE FINISH FLOOR	ELEV ELEVATOR	LAV LAVATORY	RCP REFLECTED CEILING PLAN	TMPO GL TEMPERED GLASS
AFS ABOVE FINISH SLAB	EMER EMERGENCY	LAV LAVATORY	RE RIM ELEVATION	TOC TOP OF CURB
ALUM ALUMINUM	ENCL ENCLOSURE	LB POUND	REF REFERENCE	TOJ TOP OF JOIST
ALT ALTERNATE	ENGR ENGINEER	LF LINEAR FOOT	REFR REFRIGERATOR	TOP TOP OF PARAPET
ALUM ALUMINUM	EQ EQUAL	LH LEFT HAND	REIN REINFORCE (D) (ING) (MENT)	TOS TOP OF SLAB
AND AND	EQUIP EQUIPMENT	LTG LIGHTING	REMO REMOVE	TV TELEVISION
AP ACCESS PANEL	EXH EXHAUST	LVR LOUVER	REQD REQUIRED	TV TYPICAL
APPROX APPROXIMATELY	EXP EXPANSION	LW LIGHT WEIGHT	REV REVISION	U L UNDERWRITERS LABORATORY
ARCH ARCHITECTURAL	EXT EXISTING	MACH MACHINE	RET RETURN	UNO UNLESS NOTED OTHERWISE
AV AUDIO VISUAL	EXT EXTERIOR	MAN MANUAL	RH RIGHT HAND	UPS UNINTERRUPTABLE POWER SUPPLY
BD BOARD	FA FIRE ALARM	MATL MATERIAL	RHS ROUND HEAD MACHINE SCREW	UTL UTILITY
BLDG BUILDING	FCU FAN COIL UNIT	MAX MAXIMUM	RHWS ROUND HEAD WOOD SCREW	VB VINYL BASE
BLKG BLOCKING	FD FLOOR DRAIN	MB MACHINE BOLT	RND ROUND	VCP VITRIFIED CLAY PIPE
BLW BELOW	FDC FIRE DEPARTMENT CONNECTION	MDO MEDIUM DENSITY OVERLAY	RO ROUGH OPENING	VCT VINYL COMPOSITION TILE
BM BENCHMARK	FEC FIRE EXTINGUISHER CABINET	ROW RIGHT OF WAY	RSR RISER	VERT VERTICAL
BS BOTH SIDES	FEI FLOOR MOUNTED, END DOOR, INSWING DOOR	MECH MECHANICAL	RWD REDWOOD	VEST VESTIBULE
BSMT BASEMENT	FEO FLOOR MOUNTED, END DOOR, OUTSWING DOOR	MFR MANUFACTURER	RWL RAIN WATER LEADER	VG VERTICAL GRAIN
BTM BOTTOM	FF FINISH FACE	MH MANHOLE	S SOUTH	VIF VERIFY IN FIELD
BTWN BETWEEN	FG FINISH GRADE	MN MINIMUM	SIS SERVICE SINK	VFCI VENDOR FURNISHED, CONTRACTOR INSTALLED
BW BOTH WAYS	FHC FIRE HOSE CABINET	MISC MISCELLANEOUS	SA SUPPLY AIR	VFI VENDOR FURNISHED, VENDOR INSTALLED
CAB CABINET	FHMS FLAT HEAD MACHINE SCREW	ML METAL LATH	SC SOLID CORE	VOL VOLUME
CAHR CLEAR ALL HEART REDWOOD	FHWS FLAT HEAD WOOD SCREW	MRGB MOISTURE RESISTANT GYPSUM BOARD	SCD SEE CIVIL DRAWINGS	VTR VENT TO ROOF
CB CATCH BASIN	FIN FINISH	MS MACHINE SCREW	SCHED SCHEDULE	VTW VENT TO WALL
CBU CEMENTITIOUS BACKER UNIT	FIN FL FINISH FLOOR	MTD MOUNTED	SCVWD SANTA CLARA VALLEY WATER DISTRICT	VWC VINYL WALL COVERING
CCTV CLOSE CIRCUIT TELEVISION	FLUR FLUORESCENT	MTG MOUNTING	SECT SECTION	W WEST
CEM PLAS CEMENT PLASTER	FLR FLOOR	MUL MULLION	SED SEE ELECTRICAL DRAWINGS	WI WITH
CER CERAMIC	FLRG FLOORING	N NORTH	SHT SHEET	W/O WITHOUT
CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	FLUOR FLUORESCENT	NA NOT APPLICABLE	SHTG SHEETING	WW WALL TO WALL
CG CORNER GUARD	FND FOUNDATION	NC NOT IN CONTRACT	SHTNG SHEATHING	WC WATER CLOSET
CH CHANNEL	FOC FACE OF CONCRETE	NO NUMBER	SIM SIMILAR	WD WOOD
CI CAST IRON	FOF FACE OF FINISH	NOM NOMINAL	SLD SEE LANDSCAPE DRAWINGS	WDW WINDOW
CIP CAST IN PLACE	FOS FACE OF STUD	NRC NOISE REDUCTION COEFFICIENT	SM SHEET METAL	WEI WALL MOUNTED, END DOOR, INSWING DOOR
CJ CONSTRUCTION JOINT	FSI FLOOR MOUNTED, SIDE DOOR, INSWING DOOR	NRCA NATIONAL ROOFING CONTRACTORS ASSOCIATION	SMD SEE MECHANICAL DRAWINGS	WEO WALL MOUNTED, END DOOR, OUTSWING DOOR
CLG CEILING	FSD FLOOR MOUNTED, SIDE DOOR, OUTSWING DOOR	NTS NOT TO SCALE	SMS SHEET METAL SCREW	WF WIDE FLANGE
CLR CLEAR	FT FOOT FEET	OC ON CENTER	SPD SEE PLUMBING DRAWINGS	WH WATER HEATER
CMJ CONCRETE MASONRY UNIT	FTG FOOTING	OD OUTSIDE DIAMETER	SPEC SPECIFICATION	WI WOODWORK INSTITUTE
CNTR COUNTER	FURN FURNITURE	OF OVERFLOW DRAIN	SPK SPEAKER	WP WATERPROOF
COL COLUMN	FURR FURRING	OFI OWNER FURNISHED, CONTRACTOR INSTALLED	SQ SQUARE	WS WOOD SCREW
COM COMMON	GA GAUGE	OFS OUTSIDE FACE OF STUD	SQ FT SQUARE FOOT	WWSCT WANSICOT
CONC CONCRETE	GALV GALVANIZED	OH OPPOSITE HAND	SQ IN SQUARE INCH	WSI WALL MOUNTED, SIDE DOOR, INSWING DOOR
CONF CONFERENCE	GB GRAB BAR	OPP OPPOSITE	SS SANITARY SEWER	WSO WALL MOUNTED, SIDE DOOR, OUTSWING DOOR
CONN CONNECTION	GC GENERAL CONTRACTOR	PA PUBLIC ADDRESS	SSS STAINLESS STEEL	WT WEIGHT
CONST CONSTRUCTION	GFRG GLASS FIBER REINFORCED CONCRETE	PCF POUNDS PER CUBIC FOOT	ST STREET	WWF WELDED WIRE FABRIC
CONT CONTINUOUS	GFRG GLASS FIBER REINFORCED GYPSUM	PDF POWDER DRIVEN FASTENER	STAG STAGGERED	XFMR TRANSFORMER
CORR CORRIDOR	GLU LAM GLUE LAMINATED	PERF PERFORATED	STD STANDARD	∠ ANGLE
CT CERAMIC TILE	GR GRADE	PERP PERPENDICULAR	STL STEEL	AT AT CENTER LINE
CTRSK COUNTERSINK	GS GALVANIZED STEEL	PL PLATE OR PROPERTY LINE	STOR STORAGE	° DEGREES
CW COLD WATER	GSM GALVANIZED SHEET METAL GYPSUM BOARD	PLAM PLASTIC LAMINATE	STRUCT STRUCTURAL	∅ DIAMETER
d PENNY	GYP BD GYPSUM BOARD	PLAS PLASTER	SUSP SUSPENDED	= EQUAL
DBL DOUBLE	HB HOSE BIBB	PLF POUNDS PER LINEAR FOOT		> GREATER THAN
DEM DEMOLISH	HC HOLLOW CORE	PLWD PLYWOOD		< LESS THAN
DF DRINKING FOUNTAIN	HDR HEADER	PR PAIR		± PLUS OR MINUS (TOLERANCE)
DIA DIAMETER	HDR HARDWARE	PREFAB PREFABRICATED		# POUNDS
DIAG DIAGONAL	HDM HARDWARE	PRKG PARKING		P PROPERTY LINE
DIM DIMENSION	HM HOLLOW METAL	PROJ PROJECT		· FOOT OR FEET
DISP DISPENSER	HORIZ HORIZONTAL	PROP PROPERTY		· INCH OR INCHES
DN DOWN	HR HOUR	PSF POUNDS PER SQUARE FOOT		
DR DOOR	HT HEIGHT	PSI POUNDS PER SQUARE INCH		
DS DOWNSPOUT	HVAC HEATING-VENTILATION-AIR CONDITIONING	PT PRESSURE TREATED		
DTL DETAIL	HW HOT WATER	PTDF PRESSURE TREATED DOUGLAS FIR		
DWG DRAWING	HWD HARDWOOD	PTN PARTITION		
	ID INSIDE DIAMETER	PVC POLYVINYL CHLORIDE		
	INCL INCLUDE	PWR POWER		
	INT INTERIOR			
	INV INVERT			

ARCHITECTURAL LEGEND



ARCHITECTURAL GENERAL NOTES

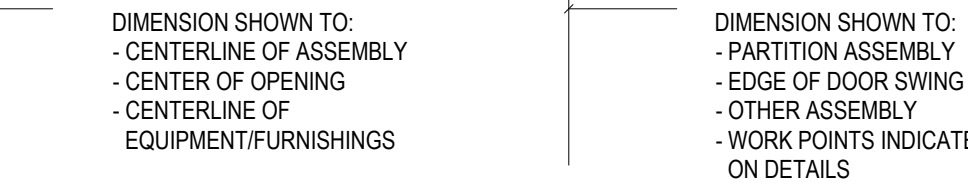
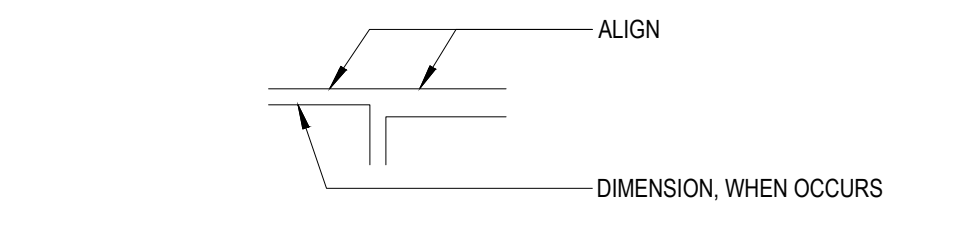
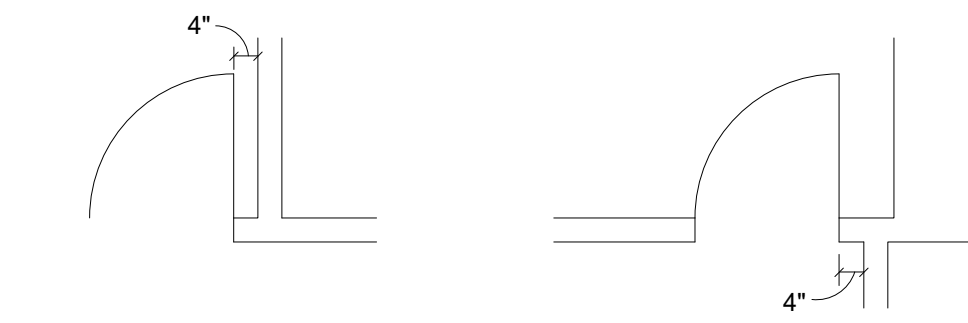
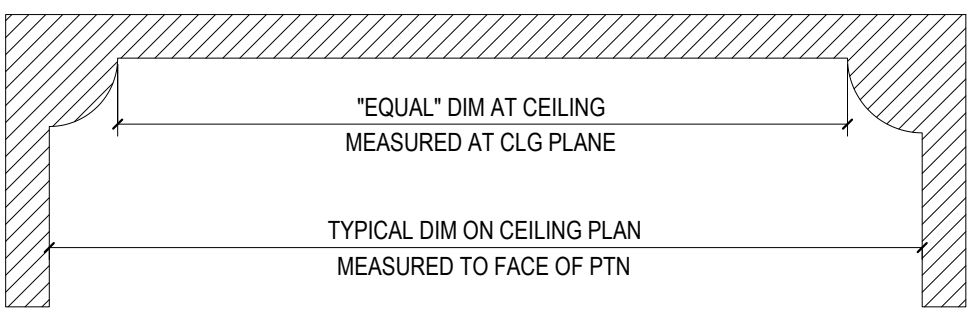
- THE FOLLOWING GENERAL NOTES APPLY TO ALL ARCHITECTURAL DRAWINGS. FOR NOTES APPLICABLE TO ALL DRAWINGS OF ALL DISCIPLINES, REFER TO THE "PROJECT GENERAL NOTES" - SEE SHEET G.2.
- THIS SHEET LISTS STANDARDS, SYMBOLS, AND ABBREVIATIONS. ITEMS SHOWN ON THIS SHEET DO NOT NECESSARILY APPEAR WITHIN THE PROJECT DRAWINGS.
- FOR TYPICAL DIMENSIONING CONVENTIONS, INCLUDING RULES FOR LOCATING DOORS FOR WHICH DIMENSIONS HAVE NOT BEEN SHOWN, REFER TO "ARCHITECTURAL DIMENSIONING CONVENTIONS" ON THIS SHEET.
- FOR ILLUSTRATION AND DEFINITION OF TYPICAL SYMBOLS USED ON ARCHITECTURAL DRAWINGS, SEE "ARCHITECTURAL LEGEND" ON THIS SHEET.
- ADDITIONAL SYMBOLS, NOT SHOWN OR DEFINED ON THIS SHEET MAY OCCUR AND ARE DEFINED ON OTHER ARCHITECTURAL DRAWINGS.
- PROVIDE ISOLATION BETWEEN DISSIMILAR METALS AS REQUIRED TO PREVENT CORROSION / GALVANIC ACTION.
- CEMENTIOUS BACKER BOARD SHALL BE INSTALLED AS SUBSTRATE UNDER TILE.



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ARCHITECTURAL DIMENSIONING CONVENTIONS

- EXCEPT WHERE DIRECTED TO PLACE ITEMS OF THE WORK AT THE "APPROXIMATE LOCATION SHOWN," DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN, OR MAY BE DERIVED FROM THOSE SHOWN, ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES, AND SPECIFICATIONS. SEE NOTES ON THIS SHEET AND SYMBOLS ON "ARCHITECTURAL SYMBOLS" DRAWING FOR DIMENSION CONVENTIONS USED ON THIS PROJECT.
 - EXCEPT WHERE SPECIFICALLY NOTED TO THE CONTRARY, ALL DIMENSIONS SHOWN ON THE ARCHITECTURAL DRAWINGS CONFORM TO THE FOLLOWING CONVENTIONS:
 - DIMENSIONS UTILIZING THE "CENTER LINE" SYMBOL ARE MEASURED TO:
 - STRUCTURAL OR DIMENSIONAL GRID LINES.
 - CENTER LINE OF DOOR, WINDOW, OR LOUVER OPENING.
 - CENTER LINE OF EQUIPMENT OR FURNISHING.
 - CENTER LINE OF OTHER FEATURES AS INDICATED.
 - WHERE THE HINGE SIDE OF A DOOR IS SHOWN ADJACENT TO A WALL OR WALLS PERPENDICULAR TO THE WALL IN WHICH THE DOOR OCCURS, LOCATE THE HINGE-SIDE FINISHED EDGE OF THE DOOR OPENING 4 INCHES FROM THE FACE (EXCLUSIVE OF ANY APPLIED FINISH) OF THE CLOSEST PERPENDICULAR WALL OR PARTITION ASSEMBLY.
 - DIMENSIONS UTILIZING THE "FACE OF" SYMBOL ARE MEASURED TO:
 - FACE OF CONCRETE OR CONCRETE MASONRY UNIT WALL (EXCLUSIVE OF APPLIED FINISHES HAVING THICKNESS OR FURRING WHICH MAY BE ADDED TO SUCH WALLS).
 - FACE OF EXTERIOR STUDS (EXCLUSIVE OF APPLIED FINISHES HAVING THICKNESS WHICH MAY BE ADDED TO SUCH WALLS).
 - FACE OF INTERIOR PARTITIONS ASSEMBLY (EXCLUSIVE OF APPLIED FINISHES HAVING THICKNESS WHICH MAY BE ADDED TO SUCH WALLS) AS DEFINED BY THE PARTITION SCHEDULE. UNLESS NOTED AS A "FACE OF FINISH" OR "CLEAR" DIMENSION (SEE NOTES BELOW), DIMENSIONS ARE NOT MEASURED TO THE FACE OF APPLIED FINISH. REFER TO THE "PARTITION SCHEDULE" TO DETERMINE THE THICKNESS OF EACH PARTITION ASSEMBLY TYPE.
 - INSIDE EDGE OF FINISHED DOOR OPENING. REFER TO "DOOR SCHEDULE" FOR ADDITIONAL INFORMATION.
 - DIMENSION OR WORK POINT AS INDICATED ON RELATED ARCHITECTURAL DETAIL PLAN, SECTION, ELEVATION, CONFIGURATION DETAIL OR CONSTRUCTION DETAIL.
 - WHERE "FACE OF FINISH" OR "CLEAR" DIMENSIONS ARE SPECIFICALLY NOTED, DIMENSION IS MEASURED TO:
 - FINISH FACES AT THE MOST NARROW OR CONSTRICTED POINTS OF THE SECTION WHERE THE DIMENSION IS SHOWN WHEN THE DIMENSION OCCURS ACROSS AN OPEN SPACE. IN THIS CASE, A "FACE OF FINISH" DIMENSION IS EQUIVALENT TO A "CLEAR" DIMENSION.
 - FINISH FACES AT THE WIDEST OR MOST EXPANSIVE POINTS OF THE SECTION WHERE THE DIMENSION IS SHOWN WHEN THE DIMENSION OCCURS ACROSS AN OBJECT OR GROUP OF OBJECTS.
 - WHERE "EQUAL" DIMENSIONS ARE USED ON REFLECTED CEILING CEILING PLANS TO LOCATE CEILING GRID WORK POINTS, MEASURE DIMENSIONS TO:
 - EDGE OF THE INDICATED CEILING AT THE FACE OF THE ADJACENT APPLIED FINISH MEASURED AT THE PLANE OF THE CEILING. CAUTION: DUE TO POSSIBLE APPLICATION OF APPLIED FINISHES WHOSE THICKNESS MAY VARY BETWEEN FLOOR AND CEILING AND WHOSE THICKNESS IS NOT ACCOUNTED FOR (EXCEPT AS INDICATED BY "FOF" OR "CLEAR" BY DIMENSIONS SHOWN ON THE FLOOR PLANS, THE CONTRACTOR MUST ADJUST, AS NECESSARY, THE FLOOR PLAN DIMENSIONS TO REFLECT CONDITIONS AT PLANE OF THE CEILING.
- WHERE DIMENSIONS ARE NOT PROVIDED ON THE FLOOR PLANS TO LOCATE DOOR OPENINGS, APPLY THE FOLLOWING RULES, IN ORDER, TO DETERMINE THE LOCATION OF THE DOOR OPENINGS:
 - DOOR OPENINGS MAY BE DIMENSIONED ON DRAWINGS OTHER THAN THE FLOOR PLANS. REFER TO THE SECTIONS, ELEVATIONS, DETAILS, AND DOOR SCHEDULE NOTES FOR ADDITIONAL DIMENSIONAL INFORMATION.
 - WHERE THE HINGE SIDE OF A DOOR IS SHOWN ADJACENT TO A WALL OR WALLS PERPENDICULAR TO THE WALL IN WHICH THE DOOR OCCURS, LOCATE THE HINGE-SIDE FINISHED EDGE OF THE DOOR OPENING 4 INCHES FROM THE FACE (EXCLUSIVE OF ANY APPLIED FINISH) OF THE CLOSEST PERPENDICULAR WALL OR PARTITION ASSEMBLY.
- WHERE INTERIOR PARTITIONS OF UNEQUAL THICKNESS ABUT, ALIGN EXPOSED FACES, UNLESS NOTED OTHERWISE.
- ALL INTERIOR PARTITIONS SHOWN ON GRID LINE TO BE CENTERED ON GRID LINE, UNLESS NOTED OTHERWISE.
- EXTERIOR CLADDING DIMENSIONS ARE TYPICALLY TO CENTER LINE OF COLUMN, JOINT, OR WINDOW MULLION UNLESS NOTED OTHERWISE, WHERE OCCURS.
- WHERE WINDOWS OR DOOR DIMENSIONS ARE NOT SHOWN, CENTER THE OPENING ON INTERIOR FACE OF WALL.



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SHEET TITLE:

**ABBREVIATIONS,
 SYMBOLS, AND
 CONVENTIONS**

SCALE: As indicated



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DOOR SCHEDULE AND NOTES

- A. ALL DOOR GLAZING SHALL COMPLY WITH CRC R308.
- B. ALIGN HEAD OF INTERIOR DOORS WITH HEAD OF EXTERIOR DOORS AND WINDOWS IN EACH ROOM, TYP. UNO.
- C. FIELD VERIFY ROUGH OPENING DIMENSIONS WITH DOOR MANUFACTURER PRIOR TO FRAMING AND ORDERING.
- D. FIELD VERIFY JAMB DEPTH DIMENSIONS WITH FINISH MATERIALS AND SHEAR PLYWOOD REQUIREMENTS PRIOR TO ORDERING.
- E. ALL PAINTED INTERIOR WOOD SURFACES SHALL BE FACTORY PRIMED.
- F. ALL GLAZED DOORS, FRENCH DOORS, AND ADJACENT SIDELIGHTS WITHIN 24" OF DOORS SHALL HAVE TEMPERED SAFETY GLAZING.
- G. EXTERIOR LANDINGS OR FLOORS SHALL NOT BE MORE THAN 7-3/4" BELOW FRONT DOOR THRESHOLD PER CRC R311.3.1
- H. EXTERIOR LANDING MINIMUM WIDTH SHALL NOT BE LESS THAN THE DOOR SERVED (36") AND SHALL HAVE A MINIMUM DIMENSION OF 36" MEASURED IN THE DIRECTION OF TRAVEL. (CRC R311.3)
- I. A MINIMUM OPENING OF 100 SQUARE INCHES FOR MAKE UP AIR SHALL BE PROVIDED IN THE LAUNDRY DOOR OR BY OTHER APPROVED MEANS PER CMC 504.4.1

DOOR SCHEDULE			
Type Mark	WIDTH	HEIGHT	REMARKS
1	3'-0"	6'-8"	EXTERIOR ENTRANCE DOOR
2	3'-0"	6'-8"	INTERIOR SWING DOOR
3	6'-0"	6'-8"	SLIDING CLOSET DOOR
4	4'-0"	6'-8"	BIFOLD LAUNDRY CLOSET DOOR

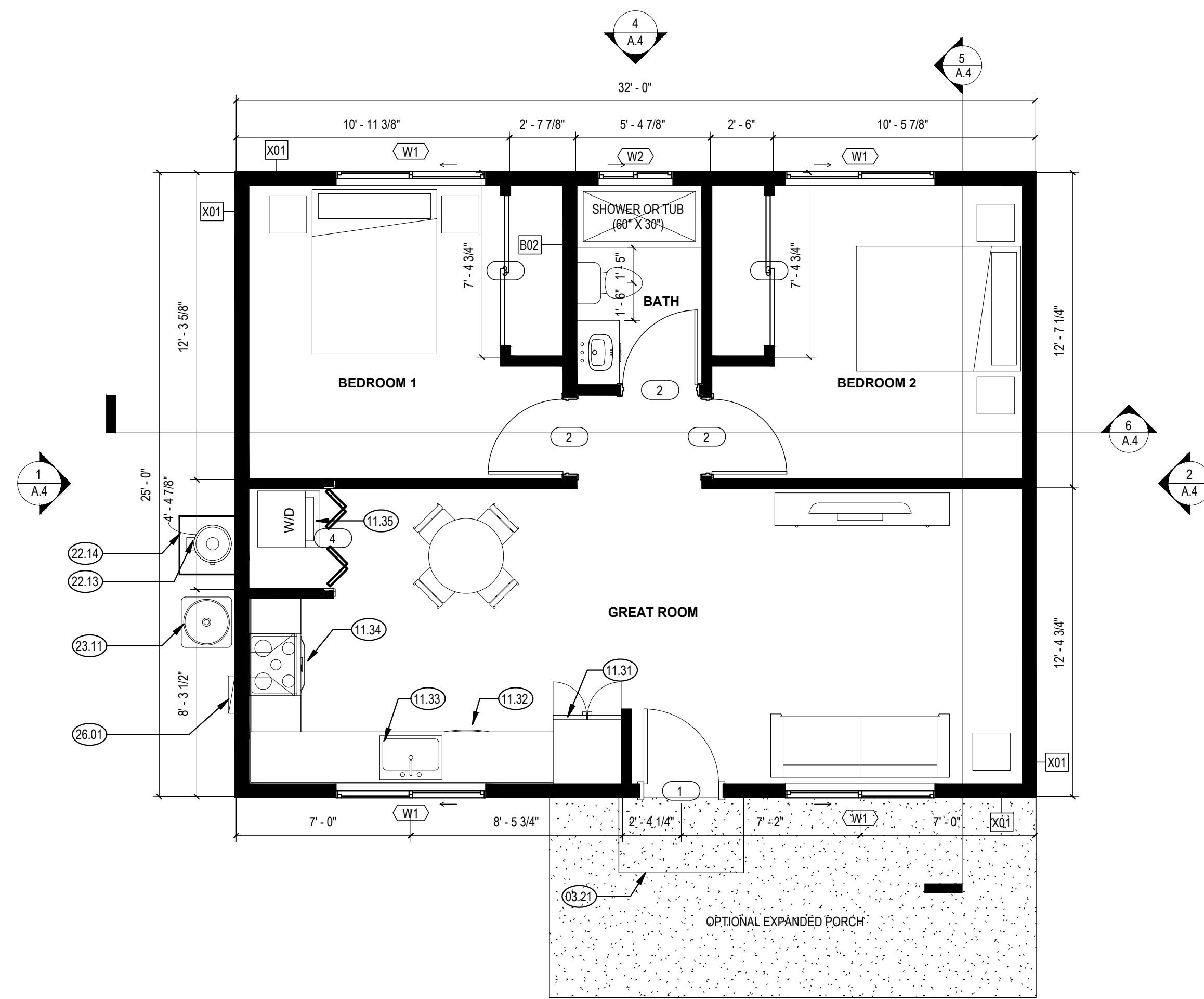
WINDOW SCHEDULE AND NOTES

- A. ALL SAFETY GLAZING SHALL COMPLY WITH CRC R308
- B. EMERGENCY EGRESS OPENINGS FOR THE SLEEPING ROOM MUST BE MINIMUM 20" WIDE AND 24" HIGH WITH A MINIMUM CLEAR OPENING OF 5.7 SF AND THE BOTTOM OF THE OPENING IS NO MORE THAN 44" ABOVE THE FINISH FLOOR IN EACH OF THE SLEEPING ROOMS (R310 CRC).
- C. SEE WINDOW TYPES FOR HEAD/SILL HEIGHT
- D. SEE FLOOR PLANS FOR WINDOW SWING DIRECTION
- E. FIELD VERIFY ROUGH OPENING DIMENSIONS WITH WINDOW MANUFACTURER PRIOR TO ORDERING
- F. COORDINATE LIGHT MULLION AND MUNTIN PATTERNS WITH WINDOW TYPES AND EXTERIOR ELEVATIONS PRIOR TO ORDERING
- G. WINDOW LESS THAN 60" ABOVE SHOWER F.F. SHALL BE TEMPERED GLAZING PER CRC R308.4

WINDOW SCHEDULE			
Type Mark	WIDTH	HEIGHT	REMARKS
W1	6'-0"	4'-0"	6'-8"
W2	3'-0"	2'-0"	6'-8" TEMPERED

FLOOR PLAN SHEET NOTES

- 1. REFER TO GENERAL NOTES SHEET G.2 FOR ADDITIONAL REQUIREMENTS.
- 2. REFER TO STRUCTURAL PLANS FOR FURTHER INFORMATION.
- 3. REFER TO MECHANICAL, ELECTRICAL & PLUMBING PLANS FOR FURTHER INFORMATION
- 4. ALL FURNITURE AND EQUIPMENT IS BY OWNER AND IS SHOWN FOR COORDINATION PURPOSES ONLY.
- 5. REFER TO SHEET A.5 FOR WALL TYPES. ALL INTERIOR WALLS TO BE B01 UNO.
- 6. DIMENSIONS ARE TO FACE OF FRAMING UNO.
- 7. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER WALL MOUNTED ACCESSORIES INCLUDING BUT NOT LIMITED TO HANDRAILS, SHELVING AND BATHROOM FIXTURES.
- 8. DOOR AND WINDOW DIMENSIONS ARE CENTERED AT OPENINGS.
- 9. WHERE DOOR IS LOCATED WITHOUT DIMENSION AT THE CORNER OF A ROOM IT SHALL BE 4" FROM FACE OF FRAMING OR ADJACENT WALL TO ROUGH DOOR OPENING.
- 10. WHERE RECESSED FIXTURES OCCUR IN WALLS OR HORIZONTAL ASSEMBLIES, THE FIRE RATING OF THOSE ASSEMBLIES SHALL BE MAINTAINED.
- 11. AT ALL PENETRATIONS AND INTERSECTIONS OF FIRE-RATED PARTITIONS, PROVIDE FIRE SEALANT AND/OR FIRE STOPPING TO MAINTAIN CONTINUITY OF PARTITION RATINGS.
- 12. PER CRC R311.3 FLOORS OR LANDINGS AT EXTERIOR DOORS SHALL BE AT LEAST AS WIDE AS DOOR SERVED AND SHALL PROVIDE A LENGTH IN THE DIRECTION OF TRAVEL EQUAL TO 36 INCHES MINIMUM. SLOPE OF EXTERIOR LANDINGS SHALL NOT EXCEED 1/4" PER FOOT (2% SLOPE).
- 13. PER CRC 327.1.1 REINFORCEMENT FOR GRAB BARS SHALL BE PROVIDED IN AT LEAST ONE BATHROOM.
 - A. REINFORCEMENT SHALL BE SOLID LUMBER OR OTHER CONSTRUCTION MATERIALS APPROVED BY THE ENFORCING AGENCY.
 - B. REINFORCEMENT SHALL NOT BE LESS THAN 2X8 INCH NOMINAL LUMBER OR OTHER MATERIAL PROVIDING EQ. HT. AND CAPACITY. REINFORCEMENT ABOVE THE FINISHED FLOOR FLUSH WITH THE WALL FRAMING.
 - C. WATER CLOSET REINFORCEMENT SHALL BE INSTALLED ON BOTH SIDE WALLS OF THE FIXTURE, OR ONE SIDE WALL AND THE BACK WALL.
 - D. SHOWER REINFORCEMENT SHALL BE CONTINUOUS WHERE WALL FRAMING IS PROVIDED.
 - E. BATHTUB AND COMBINATION BATHTUB/SHOWER REINFORCEMENT SHALL BE CONTINUOUS ON EACH END OF THE BATHTUB AND THE BACK WALL. ADDITIONALLY, BACK WALL REINFORCEMENT FOR A LOWER GRAB BAR SHALL BE PROVIDED WITH THE BOTTOM EDGE LOCATED NO MORE THAN 6 INCHES ABOVE THE BATHTUB RIM.
- 14. BATHTUB AND SHOWER FLOORS AND WALLS ABOVE BATHTUBS WITH INSTALLED SHOWER HEADS AND IN 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 PER CRC, SECTION R307.2.
- 15. EXTERIOR WALLS (CRC R302.1):
 - A. WITH SPRINKLERS: < 3 FEET FROM PROPERTY LINE, REQUIRE 1-HOUR FIRE RATING FOR EXPOSURE TO BOTH SIDES
 - B. WITHOUT SPRINKLERS: < 5 FEET FROM PROPERTY LINE, REQUIRE 1-HOUR FIRE RATING FOR EXPOSURE TO BOTH SIDES
- 16. PROJECTIONS (CRC R302.1):
 - A. PROHIBITED WITHIN 2 FEET OF PROPERTY LINE
 - B. WITH SPRINKLERS: 1-HOUR FIRE RATING ON THE UNDERSIDE < 2 FEET TO < 3 OF PROPERTY LINE
 - C. WITHOUT SPRINKLERS: 1-HOUR FIRE RATING ON THE UNDERSIDE ≥ 2 FEET TO < 5 FEET OF PROPERTY LINE
- 17. OPENINGS (CRC R302.1):
 - A. PROHIBITED WITHIN 3 FT OF PROPERTY LINE
 - B. WITHOUT SPRINKLERS: MAXIMUM 25% OF WALL AREA < 3 FEET TO < 5 FEET OF PROPERTY LINE
- 18. PENETRATIONS (CRC R302.1):
 - A. WITH SPRINKLERS: < 3 FEET FROM PROPERTY LINE, COMPLY WITH CRC R302.4
 - B. WITHOUT SPRINKLERS: < 3 FEET FROM PROPERTY LINE, COMPLY WITH CRC R302.4
- 19. ATTIC ACCESS SHALL BE WEATHER-STRIPPED TO PREVENT AIR LEAKAGE AND SHALL HAVE PERMANENTLY ATTACHED INSULATION USING ADHESIVE OR MECHANICAL FASTENERS
- 20. APPLICANT TO INDICATE ON THE PLANS THE TYPE, LOCATION, AND SIZE OF BUILDING ADDRESS, WHICH MUST BE CLEARLY VISIBLE AND LEGIBLE FROM THE ADJACENT PUBLIC WAY OR STREET. ADDRESS LETTERS/NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS, MINIMUM 4 INCHES HIGH, WITH A MINIMUM STROKE WIDTH OF 1/2 INCH, AND SHALL CONTRAST WITH THEIR BACKGROUND PER CRC R319.1



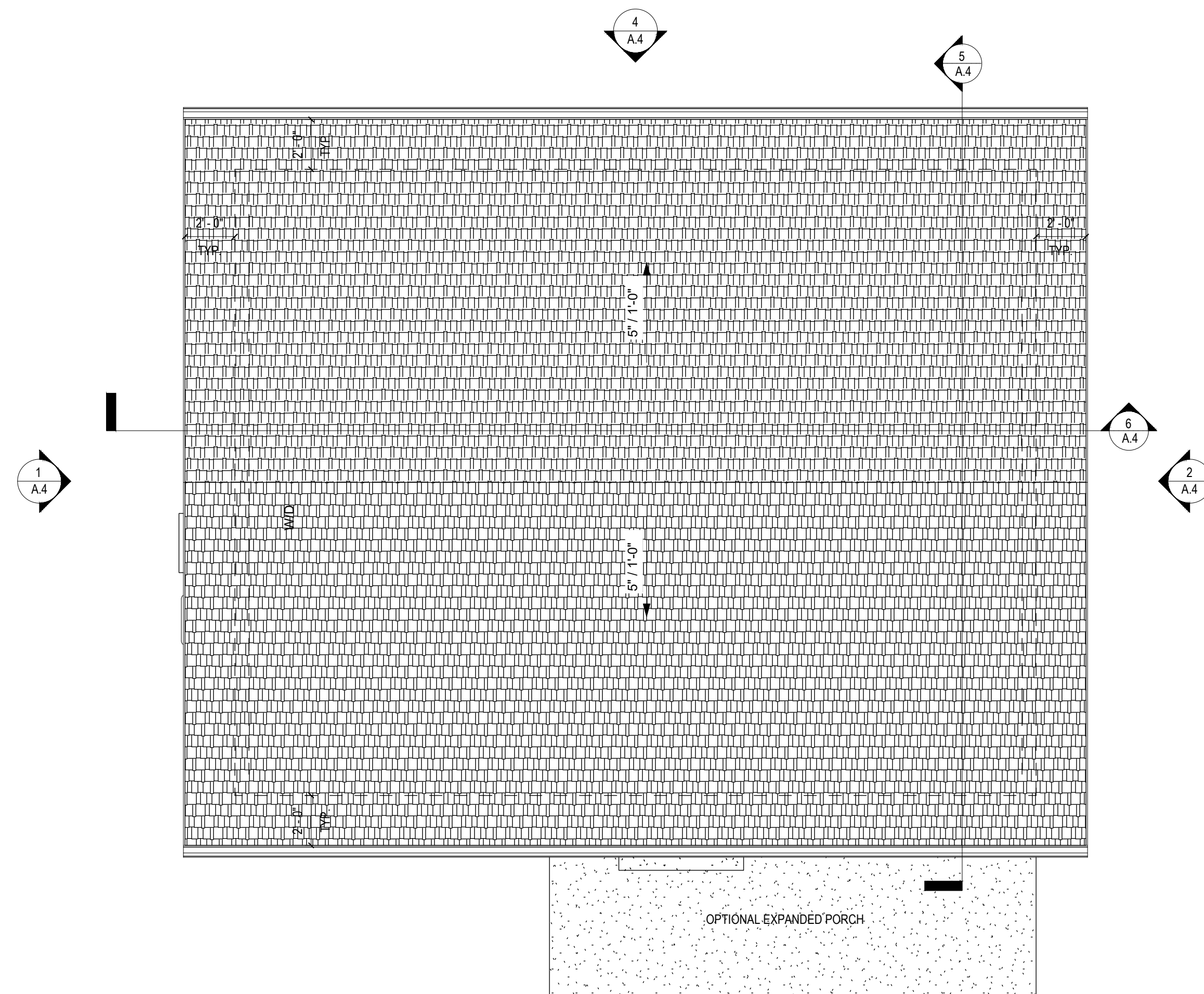
1 FLOOR PLAN
1/4" = 1'-0"

ATTIC VENTILATION CALCULATIONS

PER CRC R806		
AREA (A)	VENTILATION REQUIRED A/150 = REQUIRED	VENTILATION PROVIDED
800 SF	800 SF / 150 X 144 IN/SF = 768 SQ.IN. REQ. = 384 SQ.IN. INTAKE NFVA & 384 SQ.IN. EXHAUST NFVA	INTAKE NFVA (22 1/2" X 3 1/2" EAVE VENT) 79.19 SQ.IN. X 8 BAYS = 633.5 SQ.IN. EXHAUST NFVA (RIDGE VENT) 18" X 22 LINEAL FEET = 396 SQ.IN.

FLOOR PLAN KEYNOTES

- 03.21 CONCRETE LANDING, 4" THICK, MINIMUM DIMENSIONS PER CRC R311.3, SEE DOOR SCHEDULE NOTE H
- 11.31 REFRIGERATOR LOCATION. PROVIDE 36" WIDE SPACE WITH ROUGH PLUMBING FOR ICE MAKER (RECESS IN WALL)
- 11.32 24" WIDE DISHWASHER
- 11.33 30" WIDE KITCHEN SINK WITH GARBAGE DISPOSAL
- 11.34 30" WIDE FREE STANDING ELECTRIC RANGE OVEN, RANGE HOOD/MICROWAVE COMBO INSTALLED ABOVE. VENT TO EXTERIOR.
- 11.35 STACKED WASHER/DRYER MACHINE LOCATION. PROVIDE WASTE WATER IN RECESSED WALL BOX. IF NOT USING HEAT PUMP DRYER, PROVIDE DRYER VENT, VENT TO OUTSIDE AIR.
- 22.13 HEAT PUMP WATER HEATER PER CF1R REPORT. PROVIDE ENCLOSURE IN COMPLIANCE WITH CPC 507.25. PROVIDE CONCRETE PAD 3" MIN. ABOVE GRADE. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
- 22.14 EXAMPLE GALVANIZED STEEL HEAT PUMP WATER HEATER ENCLOSURE COMPLIANT WITH CPC 507.25 FOR APPLIANCE NOT LISTED FOR OUTDOOR INSTALLATION.
- 23.11 MULTIZONE HEAT PUMP CONDENSER UNIT. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE CONCRETE PAD MIN. 6" LARGER THAN UNIT IN EACH DIRECTION, 3" MIN. ABOVE GRADE. PROVIDE PROTECTION PER CPC 507.25 & CMC 305.1.1
- 26.01 ELECTRIC PANEL LOCATION. PROVIDE PROTECTION PER CPC 507.25 & CMC 305.1.1.



2 ROOF PLAN
1/4" = 1'-0"

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SHEET TITLE:

FLOOR PLAN &
ROOF PLAN

SCALE: As indicated



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MEP PLAN SHEET NOTES

- 1. EXTERNALLY MOUNTED HEATING/COOLING UNITS SHALL BE SCREENED IF THEY ARE VISIBLE FROM A PUBLIC STREET. ENVIRONMENTAL AIR DUCT EXHAUST SHALL TERMINATE NOT LESS THAN 3 FT FROM WALL OPENINGS.
2. APPLIANCES NOT LISTED FOR OUTDOOR INSTALLATION BUT INSTALLED OUTDOORS SHALL BE PROVIDED WITH PROTECTION TO THE DEGREE THAT THE ENVIRONMENT REQUIRES. APPLIANCES LISTED FOR OUTDOOR INSTALLATION SHALL BE PERMITTED TO BE INSTALLED WITHOUT PROTECTION IN ACCORDANCE WITH THE PROVISIONS OF ITS LISTING AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PER CPC 507.25 PROTECTION OF OUTDOOR APPLIANCES.
3. INSTALLED AIR CONDITIONER AND HEAT PUMP SYSTEMS SHALL HAVE A CLEARANCE OF AT LEAST FIVE (5) FEET FROM THE OUTLET OF ANY DRYER VENT. CENC 150.0 (H) 3.
4. INSTALLED AIR CONDITIONER AND HEAT PUMP SYSTEMS SHALL BE EQUIPPED WITH LIQUID LINE DRIERS IF REQUIRED, AS SPECIFIC BY MANUFACTURER'S INSTRUCTIONS. CENC 150.0 (H) 3.

MECHANICAL NOTES

- 1. CONFORM WITH CURRENT ADOPTED CRC, CMIC, SMACNA, NFPA AND LOCAL REQUIREMENTS. DUCTWORK: SMACNA "LOW VELOCITY DUCT CONSTRUCTION" NFPA STANDARD #90A. ALL TRANSVERSE DUCT PLENUM AND FITTING JOINTS SHALL BE SEALED WITH PRESSURE SENSITIVE NON-CLOTH TAPE MEETING THE REQUIREMENTS OF UL 181, 181A, OR 181B, OR MASTIC TO PREVENT AIR LOSS. DUCTS SHALL BE INSULATED AS REQUIRED BY THE UMC. SEE FLOOR PLAN FOR ALL AIR AND FIREPLACES. DUCTS PENETRATING A WALL OR FLOOR-CEILING BETWEEN GARAGE & DWELLINGS TO BE MINIMUM 26 GAUGE METAL WITHOUT OPENING IN GARAGE. FIRE DAMPER REQUIRED OTHERWISE. GRILLES AND REGISTERS, DIFFUSERS, ETC. SUBJECT TO OWNERS APPROVAL. "CARNES" OR EQUAL FANS: DIRECTLY VENTED TO OUTSIDE, BACK DRAFT DAMPERS ARE REQUIRED (PER TABLE 2-53V, TITLE 24 C.A.C.).
4. LAUNDRY DRYER VENT TO EXTERIOR TO BE 14 FEET MAXIMUM, LESS 2 FEET PER 90 DEGREE TURN IN EXCESS OF 2 PER CMC 504.2.1. IF VENT IS OVER 14' AN APPROVED POWER ASSISTED DEVICE IS REQUIRED. DRYER EXHAUST DUCT POWER VENTILATORS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 705 AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PER CMC, SECTION 504.2.3. SEE NOTE BELOW.
5. BATHROOM EXHAUST FANS (BATHROOM APPLIES TO ROOMS CONTAINING BATH TUB, SHOWER, OR TUB/SHOWER COMBINATION) WHICH EXHAUST DIRECTLY FROM BATHROOMS SHALL COMPLY WITH THE FOLLOWING (CGBSC SEC. 4.506.1):
a. FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING MIN 3' FROM OPENINGS.
b. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL.
- HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF 50 PERCENT TO A MAXIMUM OF 80 PERCENT. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT.
- A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRALLY BUILT IN.
6. BATHROOM EXHAUST FANS SHALL PROVIDE MINIMUM 50 CFM EXHAUST RATE (CMC TABLE 403.7).
7. KITCHEN EXHAUST FANS SHALL PROVIDE MINIMUM 100 CFM EXHAUST RATE (CMC TABLE 403.7).

PLUMBING NOTES

- 1. CONFORM WITH CURRENT CPC AND LOCAL REQUIREMENTS.
2. PIPING: DOMESTIC WATER (WITHIN BUILDING): COPPER OR PEX PIPE OR APPROVED EQUAL.
3. AIR CHAMBERS: 1" LONG CAPTED NIPPLE AT END OF EACH BRANCH TO EACH FIXTURE.
4. DIELECTRIC UNIONS "F.P.C.O." REQUIREMENT AT ALL DISSIMILAR MATERIAL CONNECTIONS.
5. WHEN "OPTIONAL" SOFT-WATER LOOP INSTALLED, PROVIDE WITH 2 GATE VALVES.
6. WATER SERVICE PIPE SHALL BE PER CIVIL PLANS OR AS REQUIRED BY THE JURISDICTION.
7. WATER METER: PER WATER DISTRICT (REFER SIZE W/ FIRE SPRINKLER PLANS IF APPLICABLE)
8. SHOWER HEADS AND FAUCETS: FLOW RATES PER CGBSC SECTION 4.303.
9. WATER HEATER: REFER TO BUILDING ENERGY ANALYSIS REPORT.
a. ALL DOMESTIC HOT WATER PIPING SHALL BE INSULATED. (CPC 609.12.1)
a. PIPES UP TO 2 INCHES IN DIAMETER: INSULATION WALL THICKNESS NOT LESS THAN DIAMETER OF PIPE. (CPC 609.12.2)
b. PIPES GREATER THAN 2 INCHES IN DIAMETER: INSULATION WALL THICKNESS NOT LESS THAN 2 INCHES. (CPC 609.12.2)
c. EXCEPTIONS:
1. PIPING THAT PENETRATES FRAMING MEMBERS SHALL NOT BE REQUIRED TO HAVE PIPE INSULATION FOR THE DISTANCE OF THE FRAMING PENETRATION. (CPC 609.12.2)
2. HOT WATER PIPING BETWEEN THE FIXTURE CONTROL VALVE OR SUPPLY STOP AND THE FIXTURE OR APPLIANCE SHALL NOT BE REQUIRED TO BE INSULATED. (CPC 609.12.2)
B. PROVIDE A TEMPERATURE AND PRESSURE RELIEF VALVE WITH A FULL SIZE DRAIN OF GALVANIZED STEEL OR HARD DRAWN COPPER TO THE OUTSIDE OF THE BUILDING WITH THE END OF THE PIPE PROTRUDING 6" MINIMUM @ 2" MAX. ABOVE GRADE POINTING DOWNWARD TO THE TERMINATION - UNTHREADED.
C. COMBUSTION AIR PER MANUFACTURE REQUIREMENTS.
D. CLEARANCES PER MANUFACTURE REQUIREMENTS.
10. PLUMBING INSULATION PER CENC 150.0 (U) AND CBC 609.11
A. DOMESTIC HOT WATER PIPING SHALL BE INSULATED.
B. HOT WATER PIPE INSULATION SHALL HAVE A MINIMUM WALL THICKNESS OF NOT LESS THAN THE DIAMETER OF THE PIPE FOR A PIPE UP TO 2 INCHES (50 MM) IN DIAMETER. INSULATION WALL THICKNESS SHALL BE NOT LESS THAN 2 INCHES (51 MM) FOR A PIPE OF 2 INCHES (50 MM) OR MORE IN DIAMETER.
a. PIPING THAT PENETRATES FRAMING MEMBERS SHALL NOT BE REQUIRED TO HAVE PIPE INSULATION FOR THE DISTANCE OF THE FRAMING PENETRATION.
b. HOT WATER PIPING BETWEEN THE FIXTURE CONTROL VALVE OR SUPPLY STOP AND THE FIXTURE OR APPLIANCE SHALL NOT BE REQUIRED TO BE INSULATED.
C. SERVICE WATER HEATING SYSTEMS PIPING TO INCLUDE:
a. RECIRCULATING SYSTEM PIPING, INCLUDING THE SUPPLY AND RETURN PIPING TO THE WATER HEATER.
b. THE FIRST 8 FEET OF HOT AND COLD OUTLET PIPING, INCLUDING PIPING BETWEEN A STORAGE TANK AND A HEAT TRAP, FOR A NON-RECIRCULATING STORAGE SYSTEM.
c. PIPES THAT ARE EXTERNALLY HEATED SHALL BE INSULATED AS FOLLOWS: UP TO 1" PIPE DIAMETER: HAVE 1.0 MIN THICKNESS OR R7/7 RATING PER CENC TABLE 120.3A
d. EXCEPTIONS:
1. FACTORY-INSTALLED PIPING WITHIN SPACE-CONDITIONING EQUIPMENT CERTIFIED UNDER SECTION 110.1 OR 110.2.
2. PIPING THAT PENETRATES FRAMING MEMBERS SHALL NOT BE REQUIRED TO HAVE PIPE INSULATION FOR THE DISTANCE OF THE FRAMING PENETRATION. METAL PIPING THAT PENETRATES METAL FRAMING SHALL USE GROMMETS, PLUGS, WRAPPING OR OTHER INSULATING MATERIAL TO ASSURE THAT NO CONTACT IS MADE WITH THE METAL FRAMING.
3. PIPING INSTALLED IN INTERIOR OR EXTERIOR WALLS SHALL NOT BE REQUIRED TO HAVE PIPE INSULATION IF ALL OF THE REQUIREMENTS ARE MET FOR COMPLIANCE WITH QUALITY INSULATION INSTALLATION (QII) AS SPECIFIED IN THE REFERENCE RESIDENTIAL APPENDIX RA3.5.
4. PIPING SURROUNDED WITH A MINIMUM OF 1 INCH OF WALL INSULATION, 2 INCHES OF CRAWLSPACE INSULATION, OR 4 INCHES OF ATTIC INSULATION SHALL NOT BE REQUIRED TO HAVE PIPE INSULATION.
11. INSULATION PROTECTION: PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE DUE TO SUNLIGHT, MOISTURE, EQUIPMENT MAINTENANCE AND WIND. PROTECTION SHALL, AT MINIMUM, INCLUDE THE FOLLOWING (CENC SECTION 120.3(B)):
A. PIPE INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED BY A COVER SUITABLE FOR OUTDOOR SERVICE. THE COVER SHALL BE WATER RETARDANT AND PROVIDES SHIELDING FROM SOLAR RADIATION THAT CAN CAUSE DEGRADATION OF THE MATERIAL. ADHESIVE TAPE SHALL NOT BE USED TO PROVIDE THIS PROTECTION.
B. PIPE INSULATION COVERING CHILLED WATER PIPING AND REFRIGERANT SUCTION PIPING LOCATED OUTSIDE THE CONDITIONED SPACE SHALL INCLUDE, OR BE PROTECTED BY, A CLASS I OR CLASS II VAPOR RETARDER. ALL PENETRATIONS AND JOINTS SHALL BE SEALED.
C. PIPE INSULATION BURIED BELOW GRADE MUST BE INSTALLED IN A WATER PROOF AND NONCRUSHABLE CASING OR SLEEVE.
12. PIPE INSULATION: REFER TO TITLE 24 - MANDATORY MEASURES - "SPACE CONDITIONING, WATER HEATING & PLUMBING SYSTEM MEASURES"
13. STRAPS AND HANGERS: PROVIDE AS NECESSARY TO INSURE A STABLE INSTALLATION. SEE TITLE-24 FOR WATER HEATER REQUIREMENTS.
14. ALL HOSE BIBS SHALL HAVE APPROVED BACK FLOW PREVENTION DEVICES.
15. PLUMBING FIXTURES (WATER CLOSETS) AND FITTINGS (FAUCETS AND SHOWERHEADS) SHALL MEET THE STANDARDS REFERENCED IN CALGREEN TABLE 4.303.3.
16. WATER HEATER SHALL BE PROVIDED WITH A TEMPERATURE AND PRESSURE RELIEF VALVE. PER (CPC 505.2) THE RELIEF VALVE SHALL BE PROVIDED WITH A DRAIN LINE WHICH EXTENDS FROM THE VALVES TO THE OUTSIDE OF THE BUILDING. PER (608.5 CPC)
17. PER CPC 603.5.7 OUTLETS WITH HOSE ATTACHMENTS, POTABLE WATER OUTLETS WITH HOSE ATTACHMENTS, OTHER THAN WATER HEATER DRAINS, BOILER DRAINS, AND CLOTHES WASHER CONNECTIONS, SHALL BE PROTECTED BY A NONREMOVABLE HOSE BIBB TYPE BACKFLOW PREVENTER, A NONREMOVABLE HOSE BIBB TYPE VACUUM BREAKER, OR BY AN ATMOSPHERE VACUUM BREAKER INSTALLED NOT LESS THAN 6 INCHES ABOVE THE HIGHEST POINT OF USAGE LOCATED ON THE DISCHARGE SIDE OF THE LAST VALVE. IN CLIMATES WHERE FREEZING TEMPERATURES OCCUR, A LISTED SELF DRAINING FROST-PROOF HOSE BIBB WITH AN INTEGRAL BACKFLOW PREVENTER OR VACUUM BREAKER SHALL BE USED.

ELECTRICAL NOTES

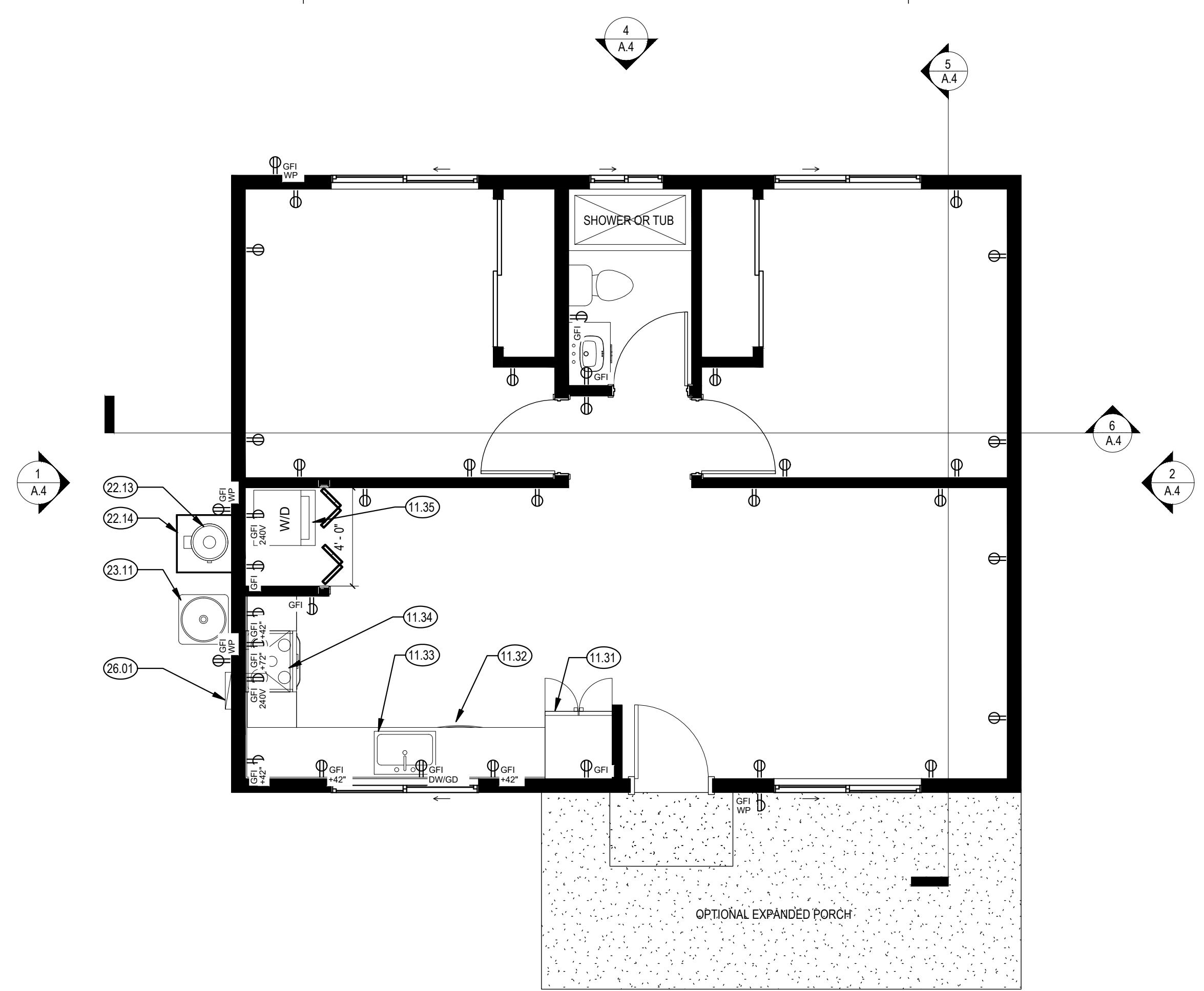
- 1. CONFORM WITH CURRENT CEC, NFPA, MFR'S, AND LOCAL REQUIREMENTS.
2. PROVIDE GFCI PROTECTED OUTLETS AT ALL KITCHEN COUNTERTOPS, BATHROOM COUNTERTOPS, OUTDOOR LAUNDRY AREAS, DISHWASHERS, OUTDOOR LOCATIONS, AND REQUIRED LOCATIONS PER CEC 210.8. ALL BATHROOM RECEPTACLE OUTLETS SHALL BE SUPPLIED BY A MINIMUM OF ONE 120-VOLT, 20-AMPERE BRANCH CIRCUIT. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS. THIS DEDICATED CIRCUIT MAY SERVE MORE THAN ONE BATHROOM. (CEC 210.11(C))
3. ALL ELECTRICAL OUTLETS INSTALLED IN BATHROOMS, GARAGES, LAUNDRY AREAS, BASEMENTS, CRAWL SPACES, OUTDOORS, KITCHEN COUNTERTOPS, AND AT WET BAR SINKS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION IN COMPLIANCE WITH NEC 41. 210-8, CONSISTING OF 125 VOLT, SINGLE-PHASE, 15- AND 20- AMPERE RECEPTABLES.
4. KITCHEN COUNTERTOP RECEPTABLES SHALL BE INSTALLED SO THAT NO POINT ALONG THE WALL LINE IS MORE THAN 24" FROM AN OUTLET.
5. PROVIDE (2) TWO 20 AMP SMALL APPLIANCE CIRCUITS IN KITCHEN.
6. PROVIDE SEPARATE CIRCUIT FOR ELECTRIC RANGE AS REQUIRED BY CEC 210.19.
7. PROVIDE SEPARATE CIRCUIT FOR RANGE HOOD OR MICROWAVE/hood UNIT.
8. PROVIDE SEPARATE CIRCUIT FOR DISHWASHER. DISHWASHER RECEPTACLE MUST BE ACCESSIBLE AND GFCI PROTECTED.
9. PROVIDE SEPARATE CIRCUIT FOR GARBAGE DISPOSAL, IF USED, AND SHALL BE GFCI PROTECTED.
10. PROVIDE SEPARATE CIRCUIT AT LOCATIONS OF ELECTRIC DRYERS PER CEC 220.54.
11. PROVIDE SEPARATE CIRCUIT AT LOCATIONS OF ELECTRIC WATER HEATERS PER CEC 422.13.
12. ELECTRICAL SYSTEM GROUND TO BE PROVIDED PER NEC ARTICLE 250-81.
13. ALL MATERIALS TO BE U.L. LABELED.
14. METER IS NOT REQUIRED, IF IT IS PROVIDED FOR ADU, MAIN PANEL IS REQUIRED FOR ADU WITH MINIMUM OF 225 AMP BUS-BAR. IF MAIN PANEL IS NOT PROVIDED FOR ADU, ELECTRICAL PERMIT SHALL BE FULLED FOR THE PRIMARY RESIDENCE WITH ELECTRICAL LOAD CALCULATIONS. METER: "SQUARE D", 120 VOLT/240 VOLT, 1 AND 3 WIRE GROUND OR EQUAL.
15. IF PROVIDED, ELECTRICAL MAIN PANEL: FLUSH MOUNT, 30" CLEARANCE, 200 AMP WITH 225 AMP BUS-BAR.
16. CONDUCTORS: TW, THW, COPPER, MINIMUM 14 AT LIGHTING, 12 AT OTHER CIRCUITS.
17. ALL LUMINAIRES SHALL COMPLY WITH CENC SECTION 150.0 (K) AND TABLE 150.0-A
18. AT LEAST ONE LIGHT FIXTURE IN BATHROOMS SHALL BE CONTROLLED BY VACANCY SENSOR PER CENC 150.0(K)(2)
19. THERMOSTAT SHALL BE A PROGRAMMABLE TYPE
20. ALL LUMINAIRES, LAMP HOLDERS, AND RETROFIT KITS SHALL BE LISTED (CEC 410.6)
21. ALL 120-VOLT, SINGLE PHASE 15- AND 20- AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, LIVING ROOMS, DINING ROOMS, PARLORS, LIBRARIES, DEN'S, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. (CEC 210-12(A))
22. ALL NON-LOOKING TYPE 125-VOLT, 15 AND 20 AMPERE RECEPTABLES IN A DWELLING UNIT SHALL BE LISTED TAMPER-RESISTANT RECEPTABLES. EXCEPTIONS: (1) RECEPTABLES MORE THAN 5' ABOVE THE FLOOR, (2) RECEPTABLE PART OF A LUMINAIRE OR APPLIANCE, (3) A SINGLE RECEPTACLE OR A DUPLEX RECEPTACLE FOR TWO APPLIANCES THAT ARE NOT EASILY MOVED AND LOCATED WITHIN DEDICATED SPACE AND ARE CHORD-AND-PLUG CONNECTED AS PER CEC 400.10, AND (4) NON-GROUNDING RECEPTABLES USED FOR REPLACEMENTS AS PERMITTED IN CEC 406.4(D)(2)(A).
23. HIGH EFFICACY LUMINAIRES OTHER THAN OUTDOOR HID LIGHTING CONTAIN ONLY ONLY HIGH EFFICACY LAMPS AS OUTLINED IN TABLE 150-C OF THE RESIDENTIAL ENERGY CODE AND NOT CONTAIN A MEDIUM SCREW BASE SOCKET.
24. BALLAST FOR LAMPS 13 WATTS OR GREATER SHALL BE ELECTRONIC AND HAVE AN OUTPUT FREQUENCY NO LESS THAN 20 kHz.
25. SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND PROVIDED WITH A BATTERY BACK-UP. ALL SMOKE DETECTORS SHALL BE INTERCONNECTED. ALL SMOKE DETECTORS SHALL MAINTAIN A MINIMUM 3 FOOT CLEARANCE TO HVAC SUPPLY OR RETURN AIR REGISTERS.
26. CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND PROVIDED WITH A BATTERY BACK-UP. ALL CARBON MONOXIDE ALARMS SHALL BE INTERCONNECTED.
27. EXHAUST FANS WILL BE CONTROLLED BY A HUMIDISTAT PER THE GREEN BUILDING STANDARDS CODE SECTION 4.506. EXHAUST FANS MUST BE SWITCHED SEPARATELY FROM LIGHTS (CENC 150.0(A)(2)).
28. IN ADDITION TO THE NUMBER OF BRANCH CIRCUITS REQUIRED BY OTHER PARTS OF THE CODE, TWO OR MORE 20-AMPERE SMALL-APPLIANCE BRANCH CIRCUITS SHALL BE PROVIDED FOR ALL RECEPTACLE OUTLETS IN THE KITCHEN, PANTRY, BREAKFAST ROOM, DINING ROOM, OR SIMILAR AREA PER CEC, ARTICLE 210.11 (C)(1). THE CIRCUITS SHALL HAVE NO OTHER OUTLETS PER CEC, ARTICLE 210.52(B).
29. IN ADDITION TO THE NUMBER OF BRANCH CIRCUITS REQUIRED BY OTHER PARTS OF THE CODE, AT LEAST ONE ADDITIONAL 20-AMPERE BRANCH CIRCUIT SHALL BE PROVIDED TO SUPPLY THE LAUNDRY RECEPTACLE OUTLET(S) REQUIRED BY CEC, ARTICLE 210.52 (F). THIS CIRCUIT SHALL HAVE NO OTHER OUTLETS PER CEC, ARTICLE 201.11(C)(2).
30. PROVIDE AT LEAST ONE GFCI-PROTECTED RECEPTACLE OUTLET WITH WEATHERPROOF COVER, AT GRADE LEVEL, AT BOTH THE FRONT AND BACK OF THE DWELLING PER CEC 210.52(E)(1) & 210.8(A)(2).
31. ADU TO BE PREWIRED FOR THE INSTALLATION OF BATTERY STORAGE. THE PREWIRING SHALL BE IN ACCORDANCE WITH THE CRC AND CEC AND BE ADEQUATELY SIZED BY A LICENSED PROFESSIONAL TO ACCOMMODATE THE BACK-UP LOADS INSTALLED IN THE CRITICAL LOAD PANEL WITH A MINIMUM OF 5 KWH.

MEP PLAN KEYNOTES

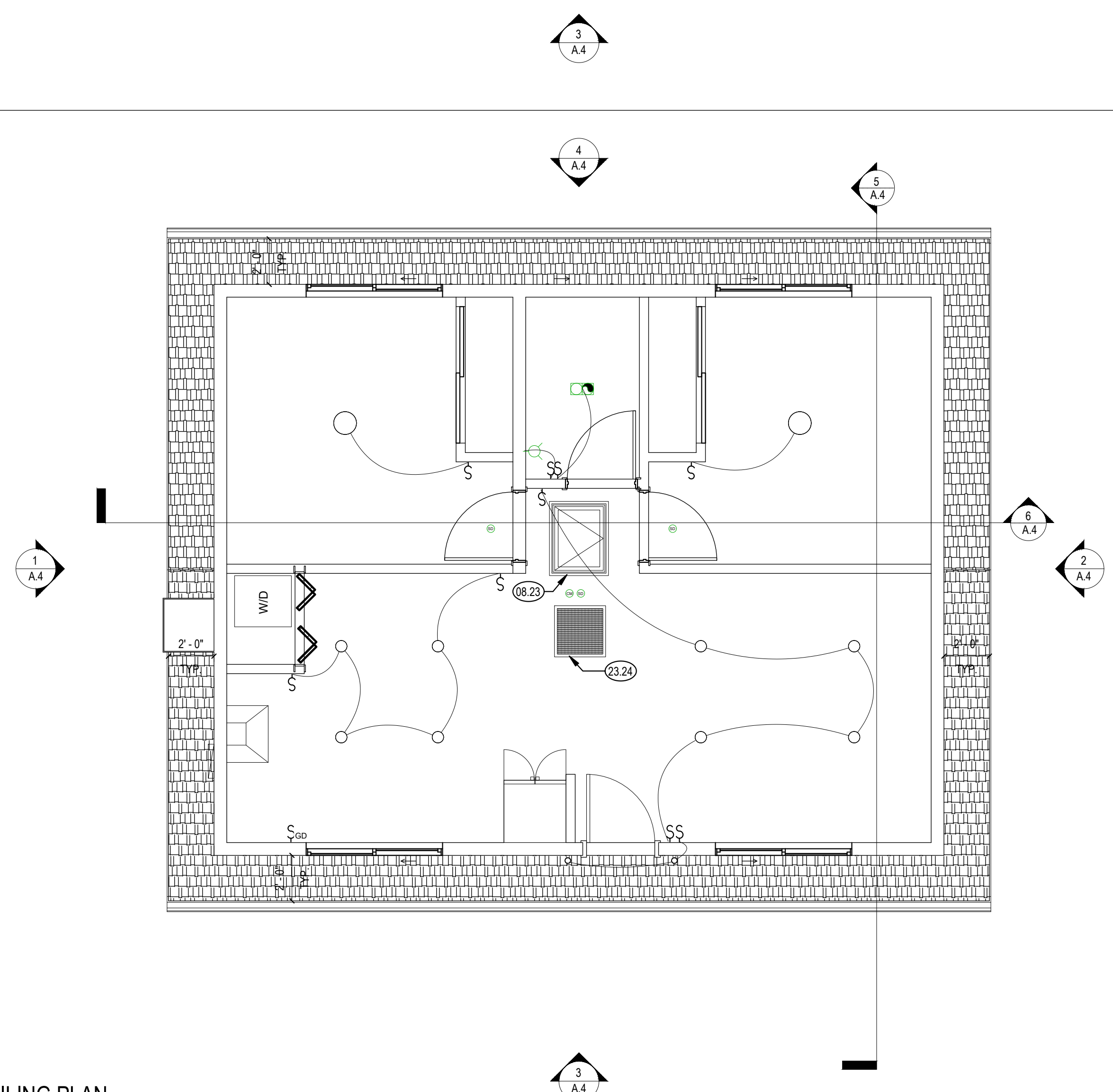
- 08.23 22' X 30' ATTIC ACCESS. ATTIC SPACE TO HOUSE HVAC UNITS AS INDICATED IN APPLICANT PROVIDED CF1R FORM (TITLE-24)
11.31 REFRIGERATOR LOCATION. PROVIDE 36" WIDE SPACE WITH ROUGH PLUMBING FOR ICE MAKER (RECESS IN WALL)
11.32 24" WIDE DISHWASHER
11.33 30" WIDE KITCHEN SINK WITH GARBAGE DISPOSAL
11.34 30" WIDE FREE STANDING ELECTRIC RANGE OVEN. RANGE HOOD/MICROWAVE COMBO INSTALLED ABOVE. VENT TO EXTERIOR.
11.35 STACKED WASHER/DRYER MACHINE LOCATION. PROVIDE WASTE WATER IN RECESSED WALL BOX. IF NOT USING HEAT PUMP DRYER, PROVIDE DRYER VENT. VENT TO OUTSIDE AIR.
22.13 HEAT PUMP WATER HEATER PER CF1R REPORT. PROVIDE ENCLOSURE IN COMPLIANCE WITH CPC 507.25. PROVIDE CONCRETE PAD 3" MIN. ABOVE GRADE. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION.
22.14 EXAMPLE GALVANIZED STEEL HEAT PUMP WATER HEATER ENCLOSURE COMPLIANT WITH CPC 507.25 FOR APPLIANCE NOT LISTED FOR OUTDOOR INSTALLATION.
23.11 MULTIZONE HEAT PUMP CONDENSER UNIT. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE CONCRETE PAD MIN. 6" LARGER THAN UNIT IN EACH DIRECTION, 3" MIN. ABOVE GRADE. PROVIDE PROTECTION PER CPC 507.25 & CMC 305.1.1
23.24 INDOOR AIR QUALITY (IAQ) VENTILATION FAN AND REQUIRED CFM PER APPLICANT PROVIDED TITLE 24 CERTIFICATE OF COMPLIANCE (PERFORMANCE) FORMS & CALIFORNIA ENERGY CODE SECTION 150(O) AND ASHRAE 2.2. PER CENC 150(O)(1)(I) COMPLIANCE WITH ASHRAE 62.2 SECTION 4.4 (CONTROL AND OPERATION) SHALL REQUIRE MANUAL SWITCHES ASSOCIATED WITH DWELLING UNIT VENTILATION SYSTEMS TO HAVE A LABEL CLEARLY DISPLAYING THE FOLLOWING TEXT, OR EQUIVALENT TEXT: "THIS SWITCH CONTROLS THE INDOOR AIR QUALITY VENTILATION FOR THE HOME. LEAVE IT ON UNLESS THE OUTDOOR AIR QUALITY IS VERY POOR."
26.01 ELECTRIC PANEL LOCATION. PROVIDE PROTECTION PER CPC 507.25 & CMC 305.1.1.

MEP PLAN LEGEND

- DUPEX OUTLET (TYP MOUNTED AT 18" AFF UNO)
DUPEX OUTLET GROUND FAULT INTERRUPTER
DUPEX OUTLET FOR DISPOSAL (W/ WFCI) AND DISHWASHER (W/GFCI) (ON SEPARATE CIRCUITS)
DUPEX OUTLET WEATHER PROOF
DUPEX OUTLET 240 VOLTS
ELECTRICAL WIRING
SMOKE DETECTOR
CARBON MONOXIDE DETECTOR
RECESSED HIGH-EFFICACY LIGHT
CEILING MOUNTED HIGH-EFFICACY LIGHT (PRE WIRE FOR CEILING FAN OPTION)
WALL MOUNTED HIGH EFFICACY LIGHT / LIGHTED VANITY MIRROR
EXTERIOR WALL MOUNTED MOTION LIGHT (+84" AFF)
HIGH EFFICACY FAN/LIGHT COMBO
WALL SWITCH
VACANCY SENSOR SWITCH
GARBAGE DISPOSAL SWITCH



1 MEP FLOOR PLAN 1/4" = 1'-0"



2 MEP REFLECTED CEILING PLAN 1/4" = 1'-0"

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Table with columns: NO., DATE, REVISIONS. The table is currently empty.

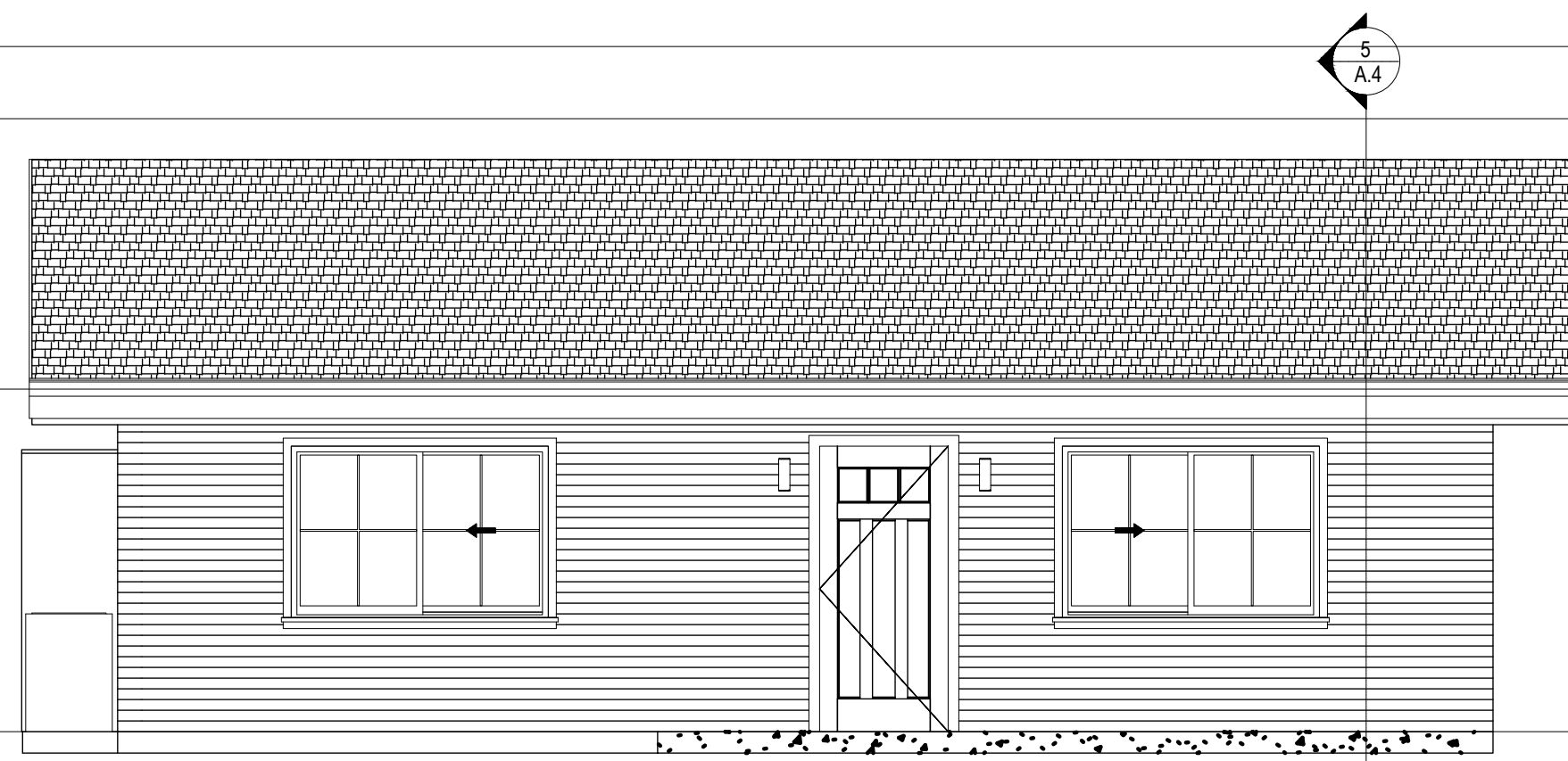
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COUNTY PERMIT # DEV2X-XXXX DATE: Issue Date SHEET TITLE:

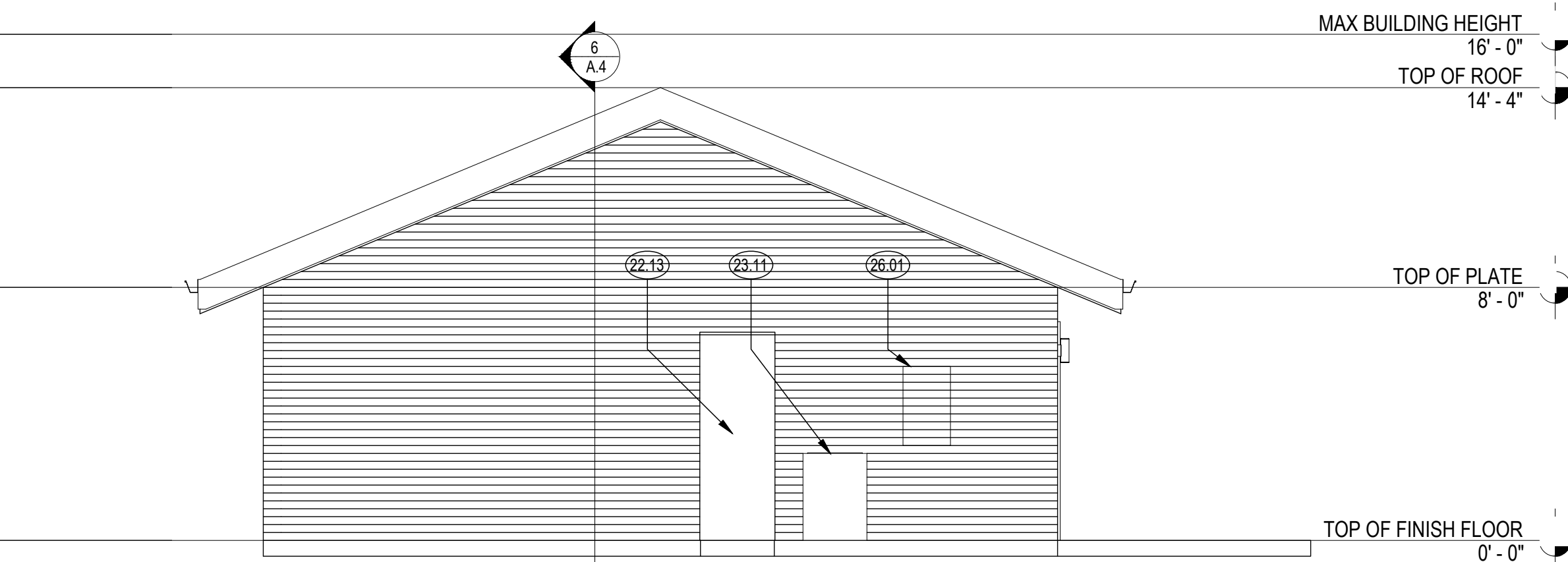
MECHANICAL, ELECTRICAL, & PLUMBING PLANS

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

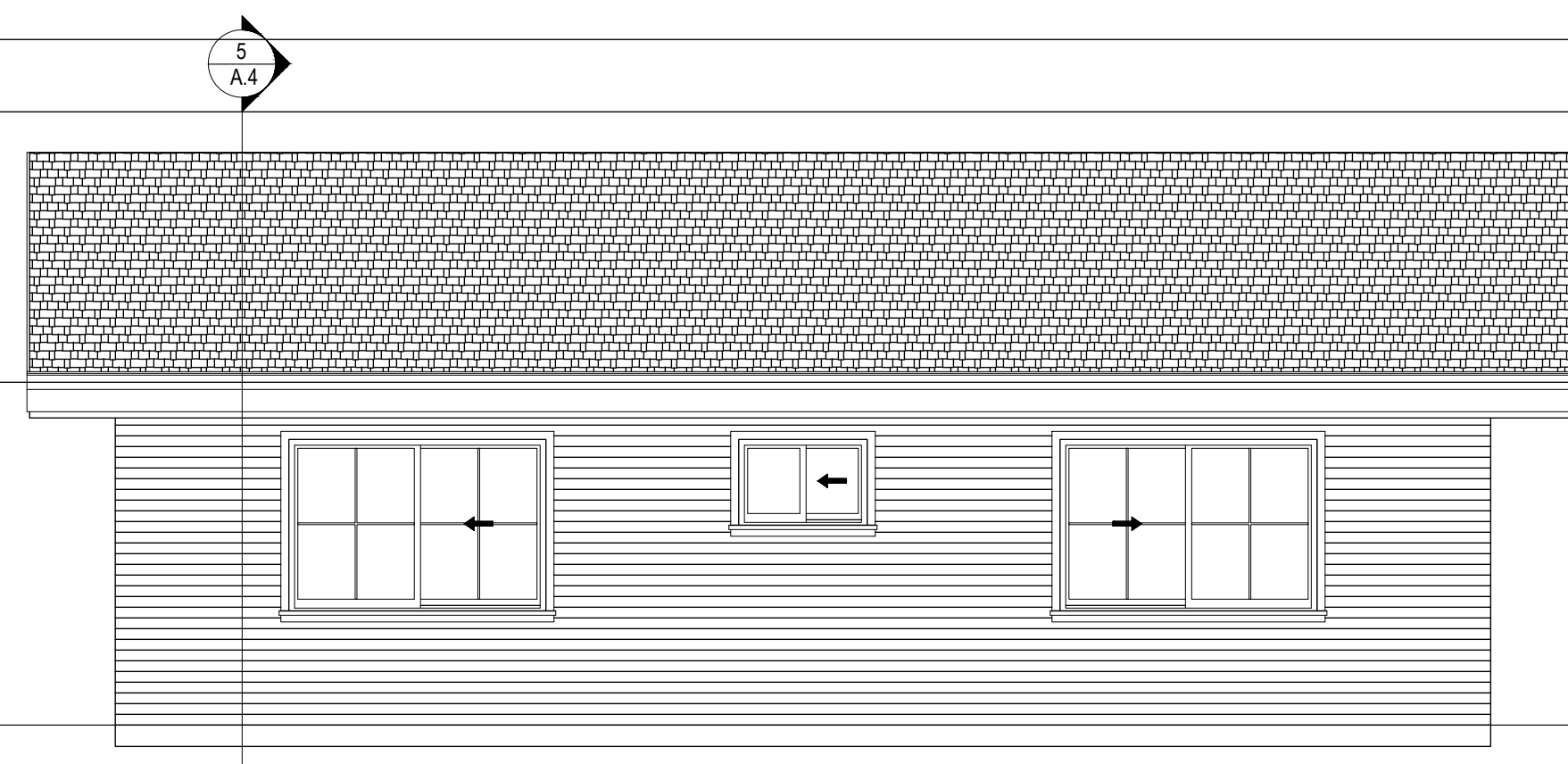
EXTERIOR ELEVATIONS



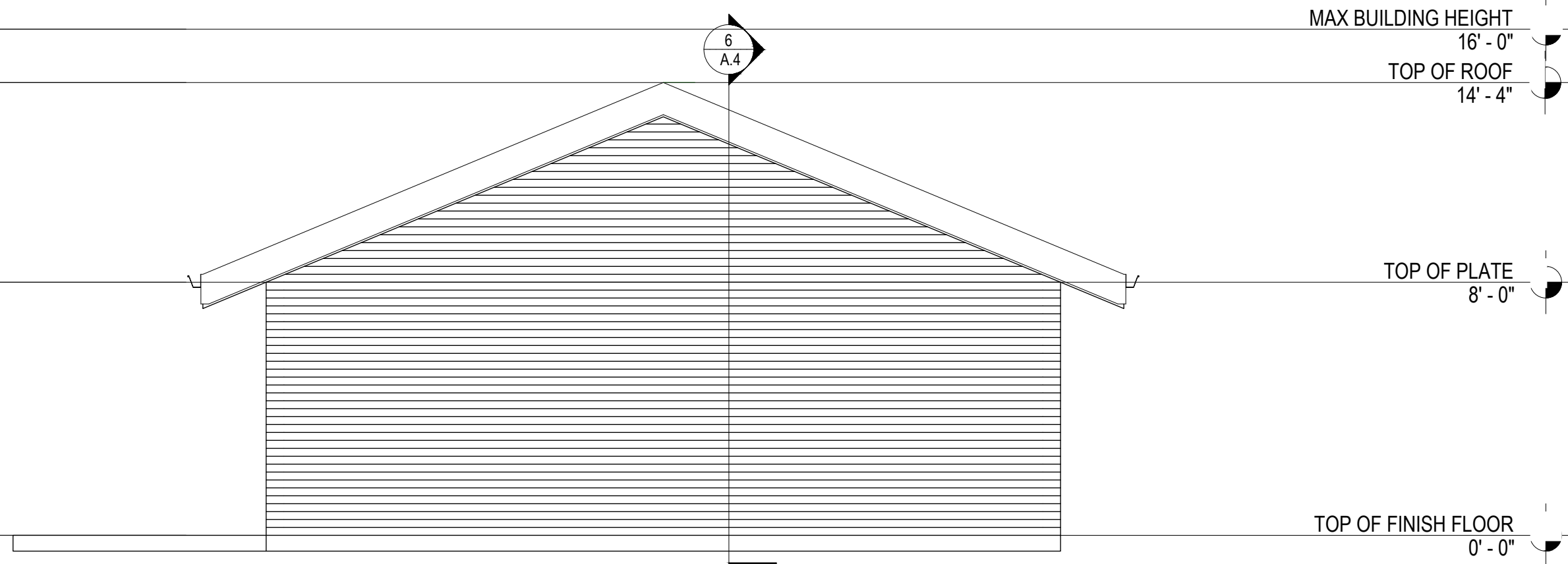
3 STANDARD DESIGN OPTION - FRONT ELEVATION
1/4" = 1'-0"



1 STANDARD DESIGN OPTION - LEFT SIDE ELEVATION
1/4" = 1'-0"

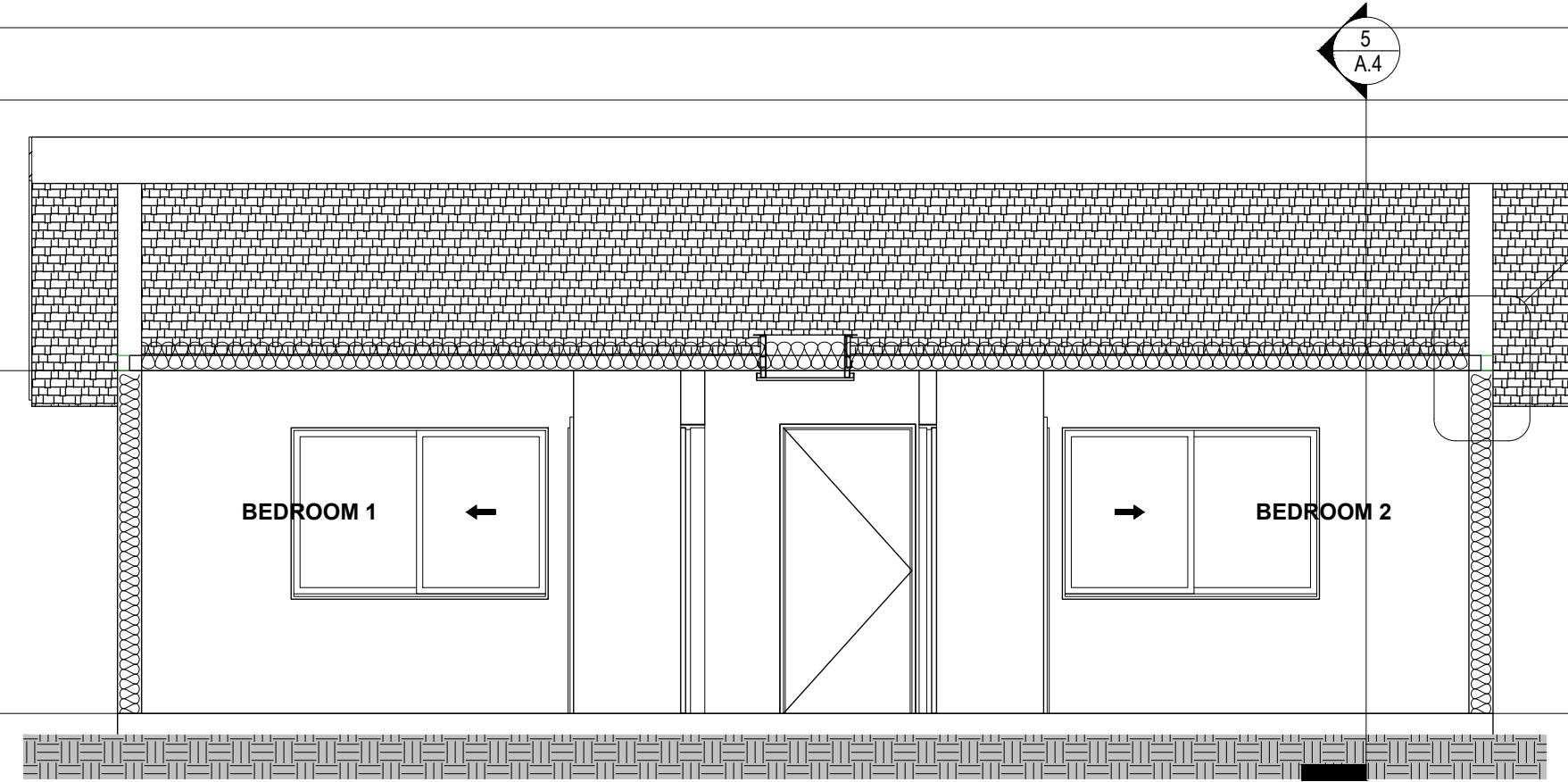


4 STANDARD DESIGN OPTION - REAR ELEVATION
1/4" = 1'-0"

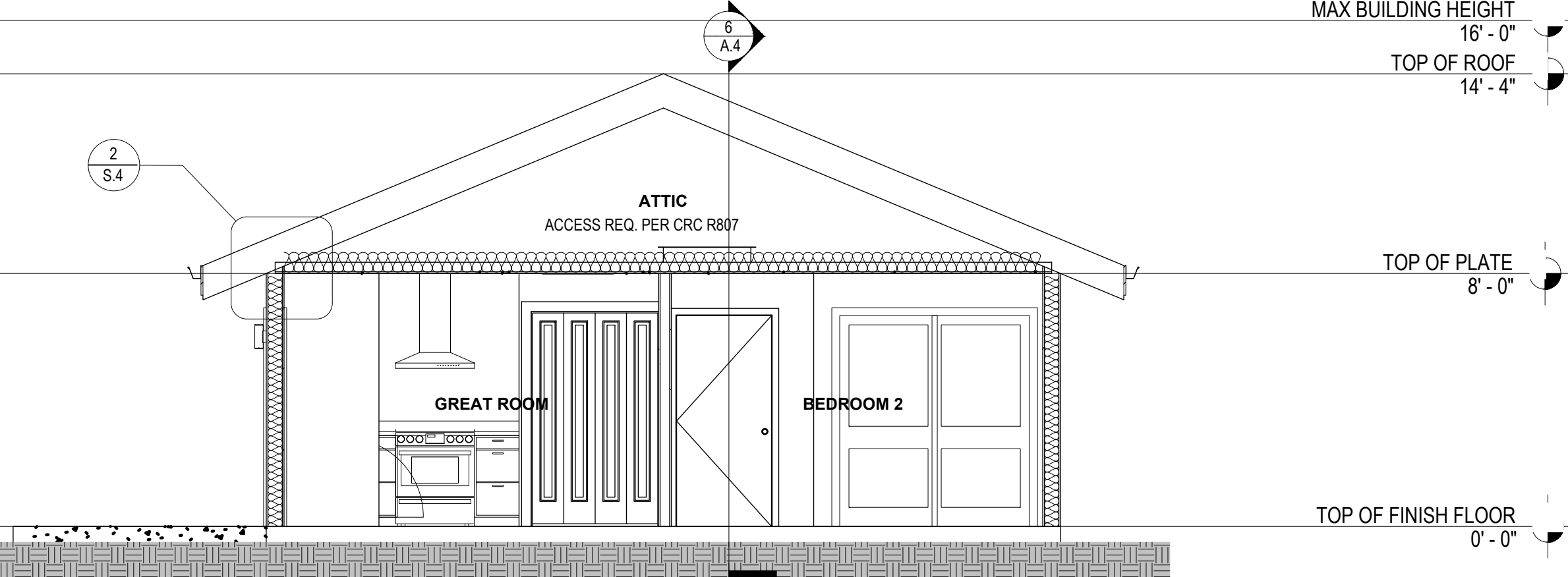


2 STANDARD DESIGN OPTION - RIGHT SIDE ELEVATION
1/4" = 1'-0"

BUILDING SECTIONS

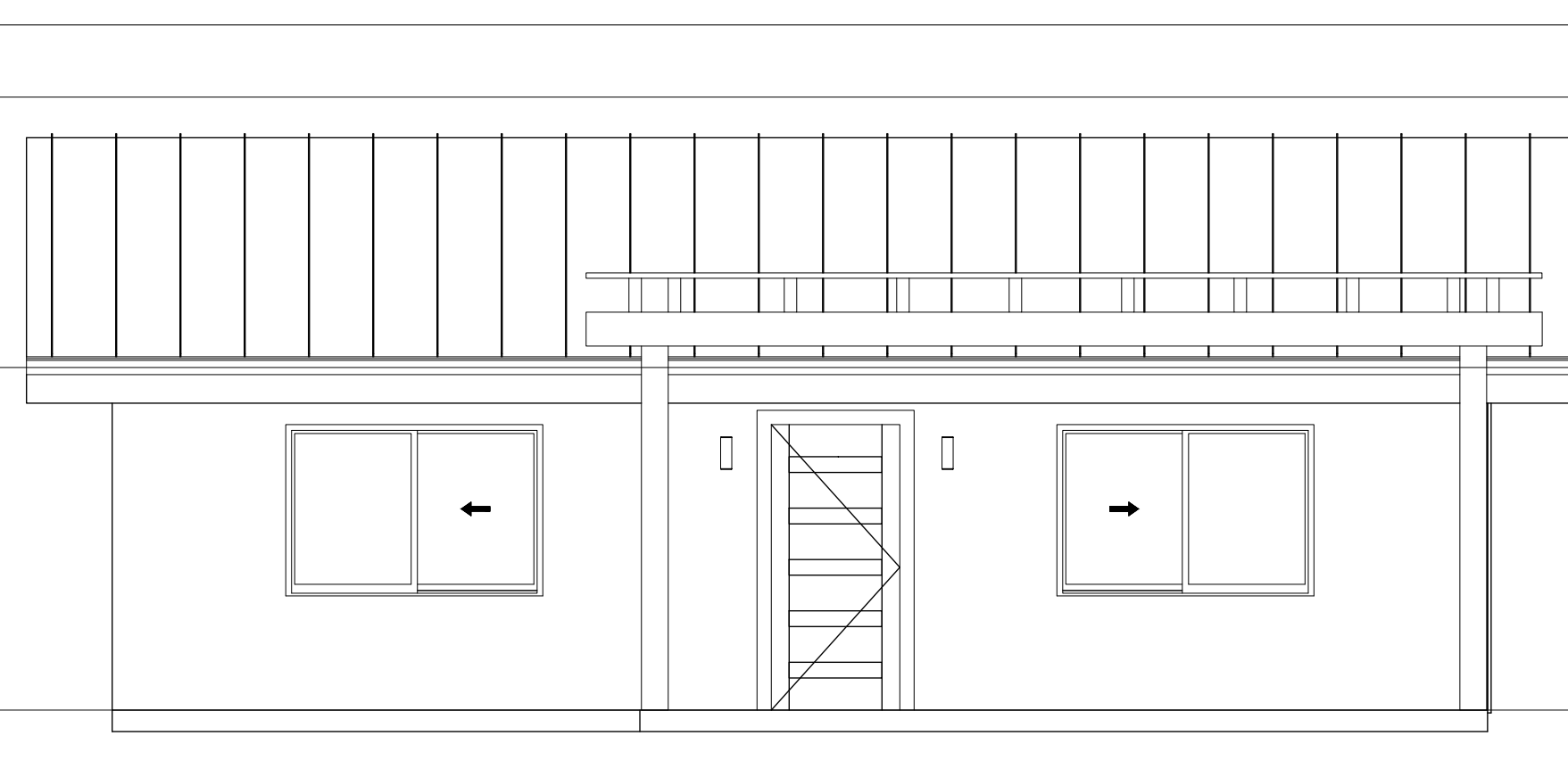


6 SECTION 2
1/4" = 1'-0"

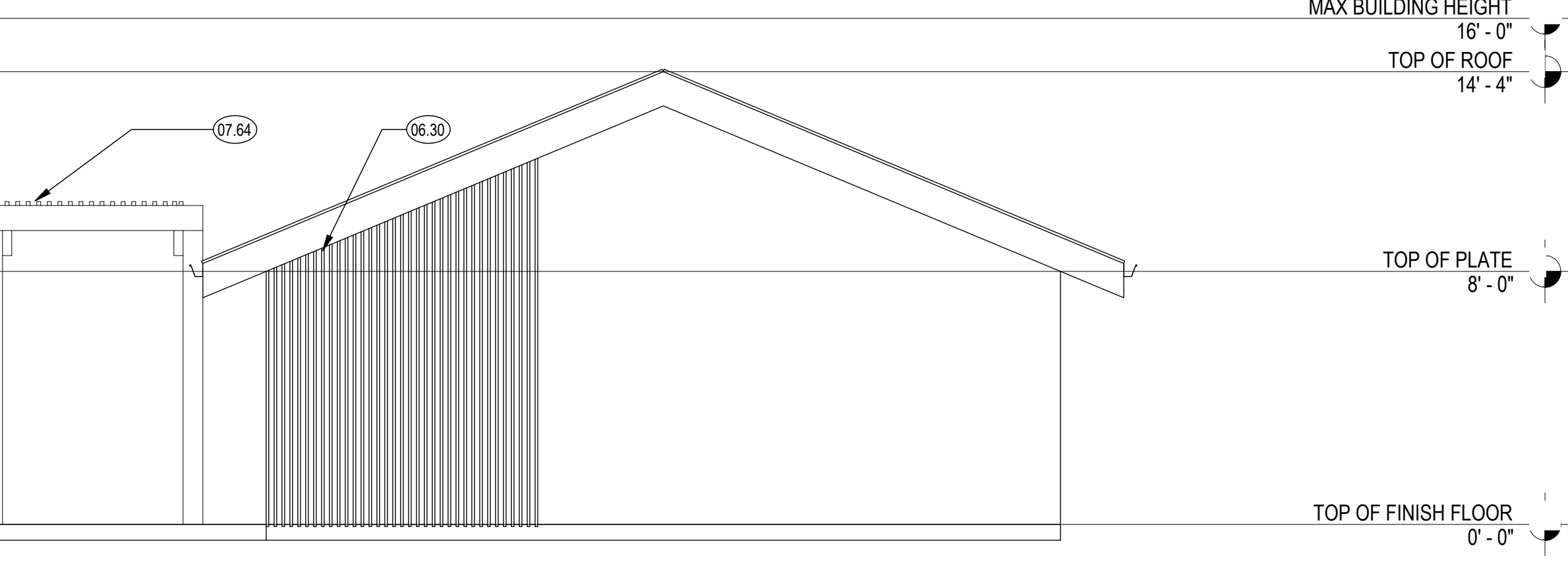


5 SECTION 1
1/4" = 1'-0"

ELEVATIONS - ALTERNATIVE DESIGN OPTION EXAMPLE



8 ALTERNATIVE DESIGN OPTION - FRONT ELEVATION
1/4" = 1'-0"



7 ALTERNATIVE DESIGN OPTION - SIDE ELEVATION
1/4" = 1'-0"

BUILDING SECTION NOTES

- THE PURPOSE OF THESE DRAWINGS IS TO SHOW CONSTRUCTION MATERIALS/ASSEMBLIES. FOR SPECIFIC SIZES AND DETAILS REFER TO ARCHITECTURAL PLANS, ELEVATIONS, DETAILS, AND STRUCTURAL PLANS.
- WALL ASSEMBLIES TO BE PER FLOOR PLAN.
- DOORS AND WINDOWS TO BE PER APPLICABLE SCHEDULE. REFER TO FLOOR PLANS FOR IDENTIFICATION.
- INSULATION: REFER TO TITLE 24 REPORT AND "INSULATION" NOTES ON SHEET FOR ADDITIONAL RATINGS, REQUIREMENTS, AND INFORMATION.
- FIREBLOCKING TO BE LOCATED PER CRC SECTION R302.11:
 - SECTION R302.11
 - FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS:
 - VERTICALLY AT CEILING AND FLOOR LEVELS
 - HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.
 - AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS SOFFITS, DROP CEILINGS AND COVE CEILINGS.
 - IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN, ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION R302.7.
 - AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILINGS AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E136 REQUIREMENTS.
 - FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, SEE SECTION R1003.19.
 - FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING-UNIT SEPARATION.
 - SECTION R302.11.1 - FIREBLOCKING MATERIALS SHALL CONSIST OF FOLLOWING MATERIALS:
 - TWO-INCH NOMINAL LUMBER
 - TWO THICKNESSES OF ONE-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS
 - THE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS
 - THE THICKNESS OF 0.75-INCH PARTICLE BOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLE BOARD
 - ONE-HALF-INCH GYPSUM BOARD
 - ONE-FOURTH-INCH CEMENT-BASED MILLBOARD
 - BATTS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIAL INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE
 - CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION
- PER CRC SECTION R317 SLEEPERS AND SILLS ON A CONCRETE OR MASONRY SLAB THAT IS IN DIRECT CONTACT WITH GROUND, UNLESS SEPARATED BY AN IMPERVIOUS MOISTURE BARRIER SHALL BE NATURALLY DURABLE OR PRESERVATIVE-TREATED WOOD IN ACCORDANCE WITH AWPA U1.
- PROVIDE BLOCKING FOR ALL WALLS WHERE WALL HUNG EQUIPMENT AND FIXTURES OCCUR.
- ALL WALL AND CEILING FINISHES SHALL COMPLY WITH CRC 803.13 FOR MAXIMUM FLAME SPREAD AND SMOKE DENSITY.

EXTERIOR ELEVATION NOTES

- REFER TO GENERAL NOTES SHEET G-101 FOR ADDITIONAL REQUIREMENTS
- SEE DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS
- REFER TO ROOF PLAN FOR OVERHANGS, FASCIA PER DETAILS, PROVIDE ALUMINUM GUTTER
- REFER TO DOOR AND WINDOW SCHEDULES AND TYPES FOR DOOR AND WINDOW INFORMATION
- THE NOMINAL THICKNESS AND ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE IN ACCORDANCE WITH CRC TABLE R703.3(1)

SECTION & ELEVATION KEYNOTES

- | | |
|-------|---|
| 06.30 | OPTIONAL EXTERIOR DECORATIVE WOOD SLATS |
| 07.64 | OPTIONAL WOOD ENTRY TRELLIS FOR FRONT PORCH |
| 22.13 | HEAT PUMP WATER HEATER PER CF1R REPORT. PROVIDE ENCLOSURE IN COMPLIANCE WITH CPC 507.25. PROVIDE CONCRETE PAD 3" MIN. ABOVE GRADE. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. |
| 23.11 | MULTIZONE HEAT PUMP CONDENSER UNIT. REFER TO TITLE 24 FOR ADDITIONAL INFORMATION. PROVIDE CONCRETE PAD MIN. 6" LARGER THAN UNIT IN EACH DIRECTION, 3" MIN. ABOVE GRADE. PROVIDE PROTECTION PER CPC 507.25 & CMC 305.1.1 |
| 26.01 | ELECTRIC PANEL LOCATION. PROVIDE PROTECTION PER CPC 507.25 & CMC 305.1.1. |

STYLE & MATERIAL OPTION SELECTIONS

- ROOF MATERIAL:
- ASPHALT SHINGLE ROOF - CLASS C MIN. (CRC R905.1, CRC R905.2)
 - STANDING SEAM METAL ROOF - CLASS C MIN. (CRC R905.1, CRC R905.10)
- EXTERIOR WALL MATERIAL:
- VERTICAL WOOD SIDING (CRC R703.5.1)
 - HORIZONTAL WOOD LAP SIDING (CRC R703.5.3)
 - CEMENT PLASTER (CRC R703.7.2)
 - FIBER CEMENT PANEL SIDING (CRC R703.10.1)
 - FIBER CEMENT LAP SIDING (CRC R703.10.2)
 - OTHER: _____
- EXTERIOR SOFFITS, RAKES, & EAVE MATERIAL:
- CEMENT PLASTER
 - EXT. GRADE TONGUE & GROOVE
 - FIBER CEMENT
 - EXT. GRADE PLYWOOD
- EXTERIOR TRIM ELEMENTS:
- NO TRIM
 - FIBER CEMENT
 - WOOD



THE COUNTY OF SANTA CLARA
70 West Hedding Street
East Wing, 7th Floor
San Jose, California 95110
408.299.5700
<https://www.santacruzcounty.gov>

NO.	DATE	REVISIONS

PROJECT TITLE:
**SCC STANDARD
ADU - 800 SF**

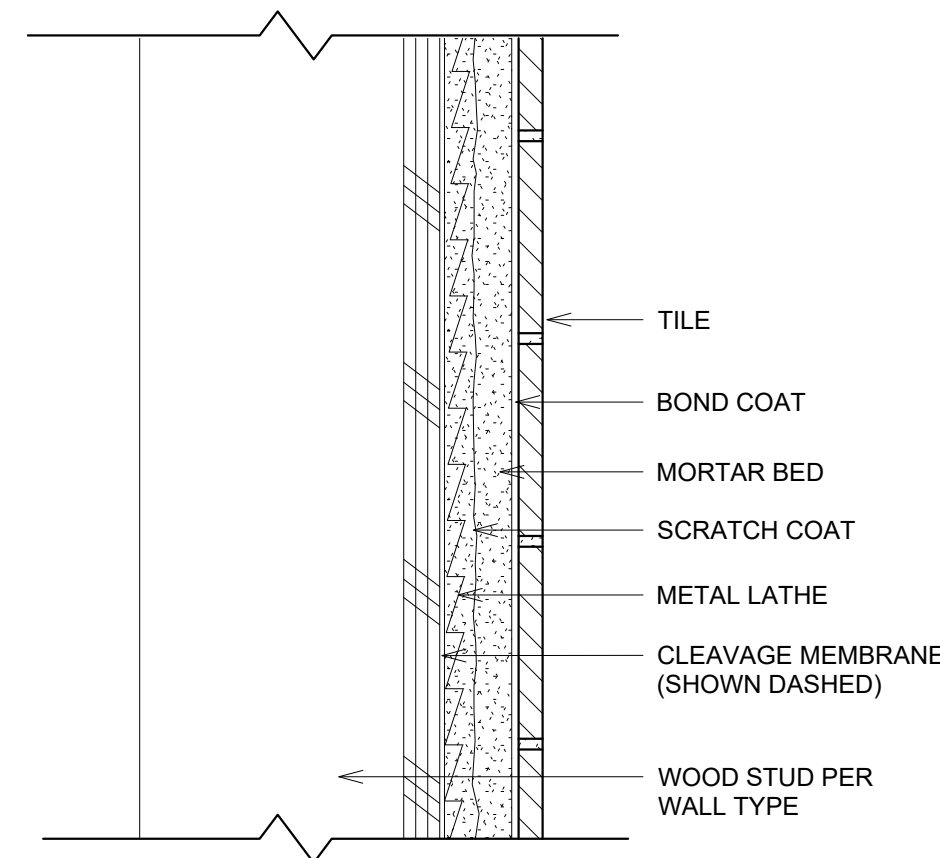
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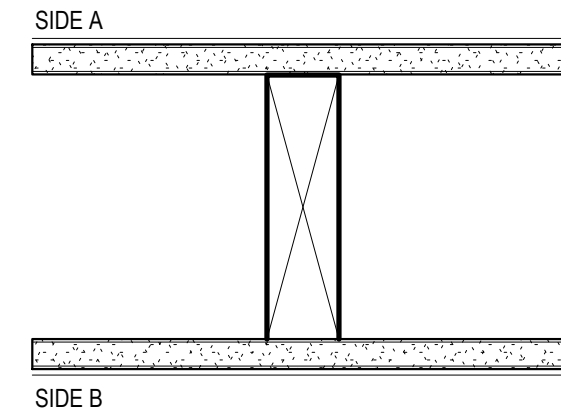
**ELEVATIONS &
BUILDING SECTIONS**

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

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4 WALL ASSEMBLY WITH TILE (AT WET LOCATIONS)
3" = 1'-0"

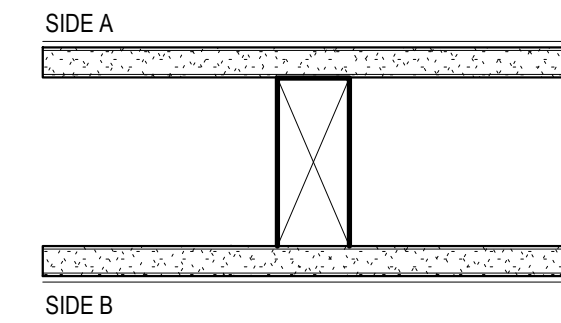


FIRE RATING: NON-RATED
 FIRE LISTING: N/A
 SOUND RATING: N/A
 SOUND LISTING: N/A
 FRAMING: 2x6 MIN WOOD STUD
 SPACING: 16" MAX OC
 APPLIED FACING:
 SIDE A: 1/2" GYPSUM BOARD
 SIDE B: 1/2" GYPSUM BOARD

INSULATION: NONE REQUIRED. OPTIONAL FOR INCREASED ACOUSTICAL PERFORMANCE

SEE GENERAL WALL TYPE NOTES FOR ADDITIONAL NECESSARY INFORMATION

B02 INTERIOR WALL

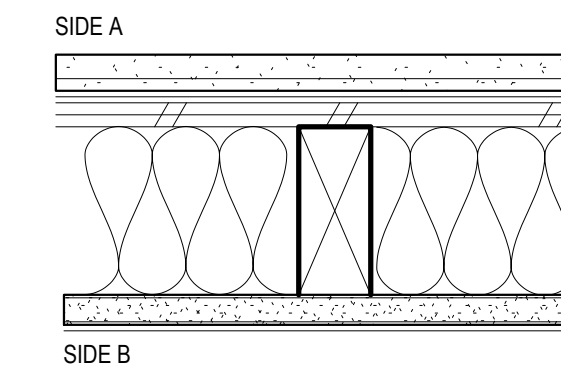


FIRE RATING: NON-RATED
 FIRE LISTING: N/A
 SOUND RATING: N/A
 SOUND LISTING: N/A
 FRAMING: 2x4 MIN WOOD STUD
 SPACING: 16" MAX OC
 APPLIED FACING:
 SIDE A: 1/2" GYPSUM BOARD
 SIDE B: 1/2" GYPSUM BOARD

INSULATION: NONE REQUIRED. OPTIONAL FOR INCREASED ACOUSTICAL PERFORMANCE

SEE GENERAL WALL TYPE NOTES FOR ADDITIONAL NECESSARY INFORMATION

B01 INTERIOR WALL



FIRE RATING: 1-HOUR RESISTIVE
 FIRE LISTING: N/A
 SOUND RATING: N/A
 SOUND LISTING: N/A
 FRAMING: 2x4 MIN WOOD STUD
 SPACING: SEE STRUCTURAL DRAWINGS
 APPLIED FACING:
 SIDE A: EXTERIOR CLADDING SYSTEM (CEMENT PLASTER / WOOD SIDING, FIBER CEMENT)
 WEATHER-RESISTIVE BARRIER
 3/8" MIN PLYWD SHTHG, SSD
 SIDE B: 1/2" GYPSUM BOARD

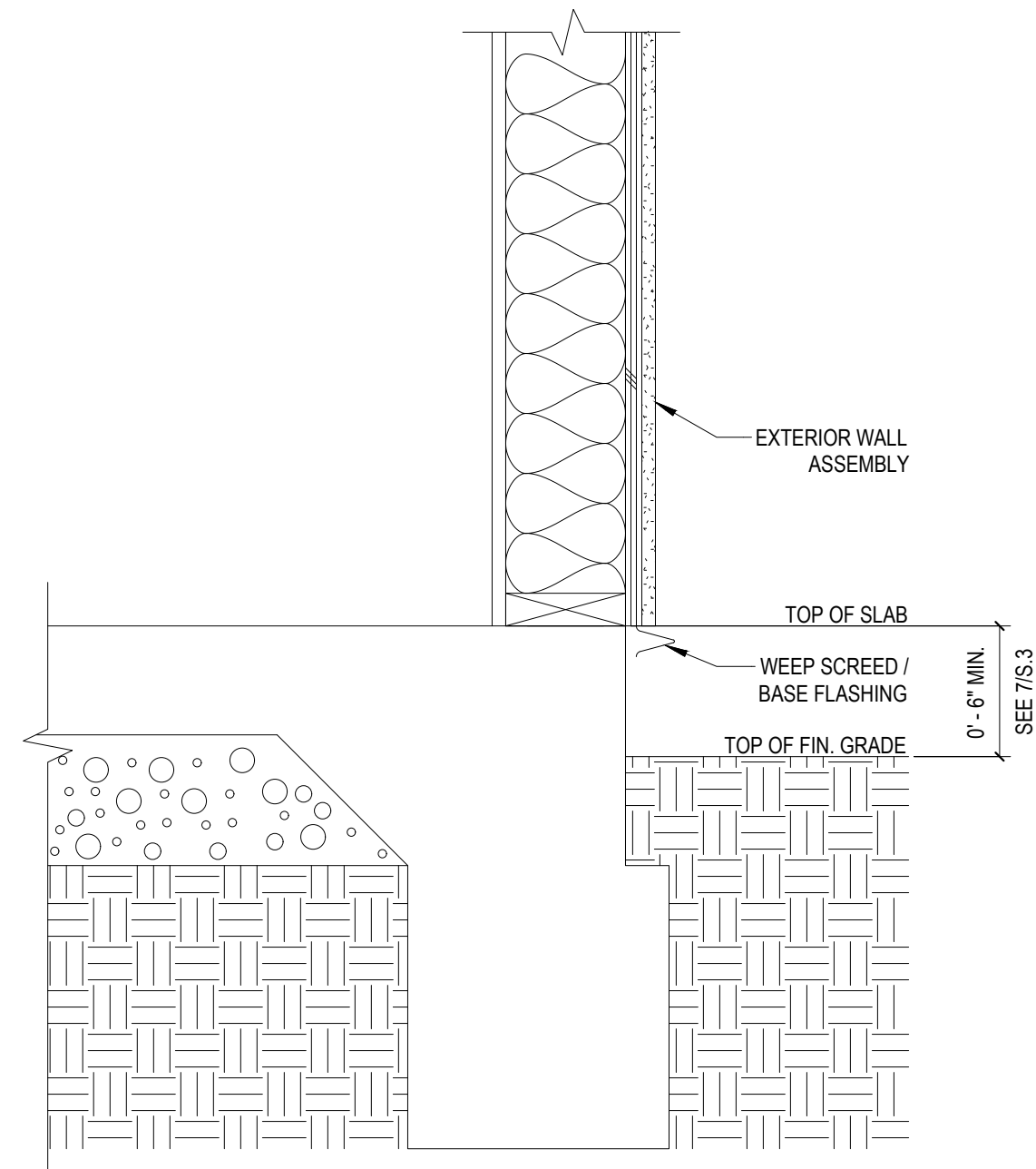
INSULATION: R-15 FIBERGLASS BATT

SEE GENERAL WALL TYPE NOTES FOR ADDITIONAL NECESSARY INFORMATION

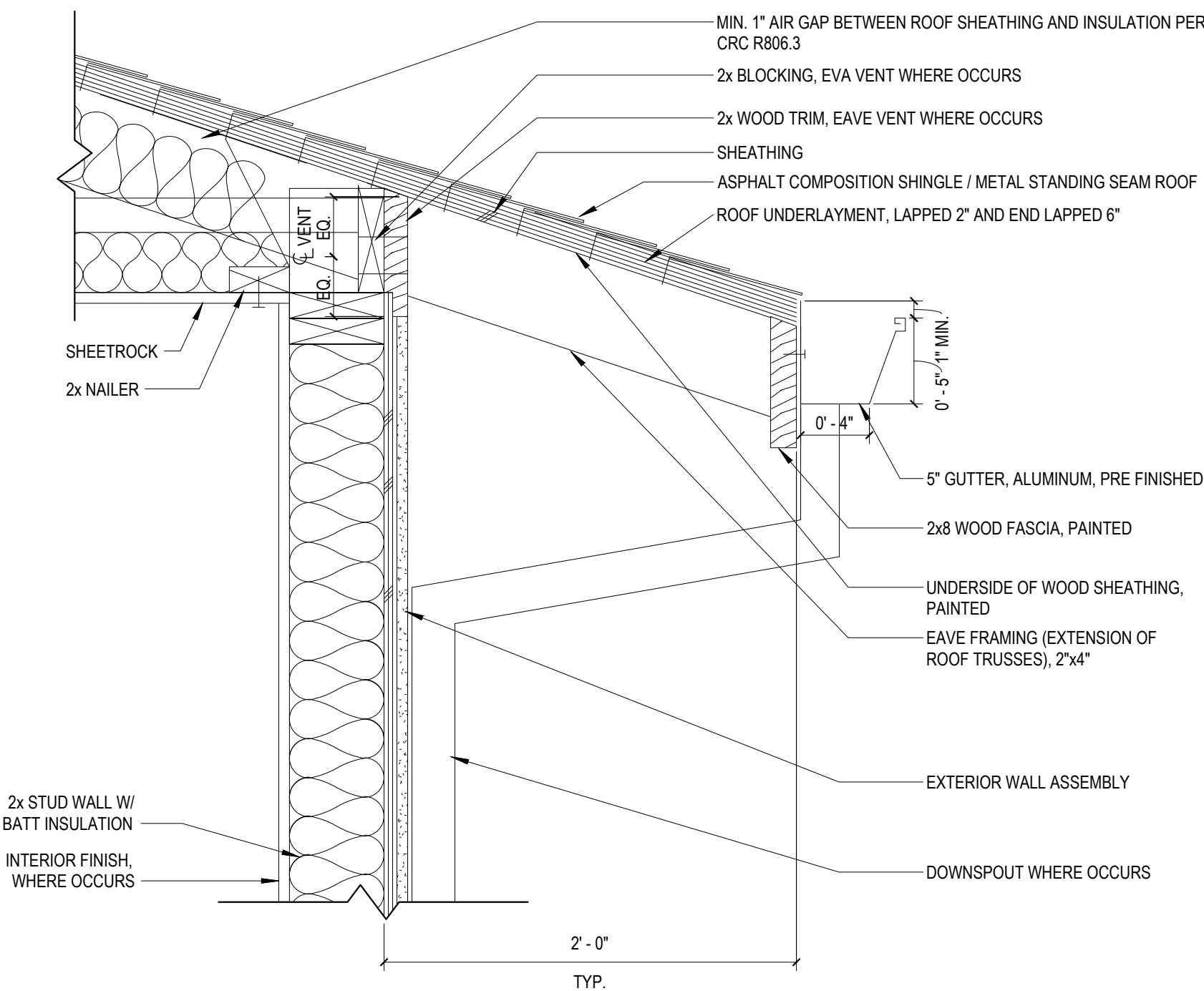
X01 EXTERIOR WALL SYSTEM

WALL TYPE GENERAL NOTES

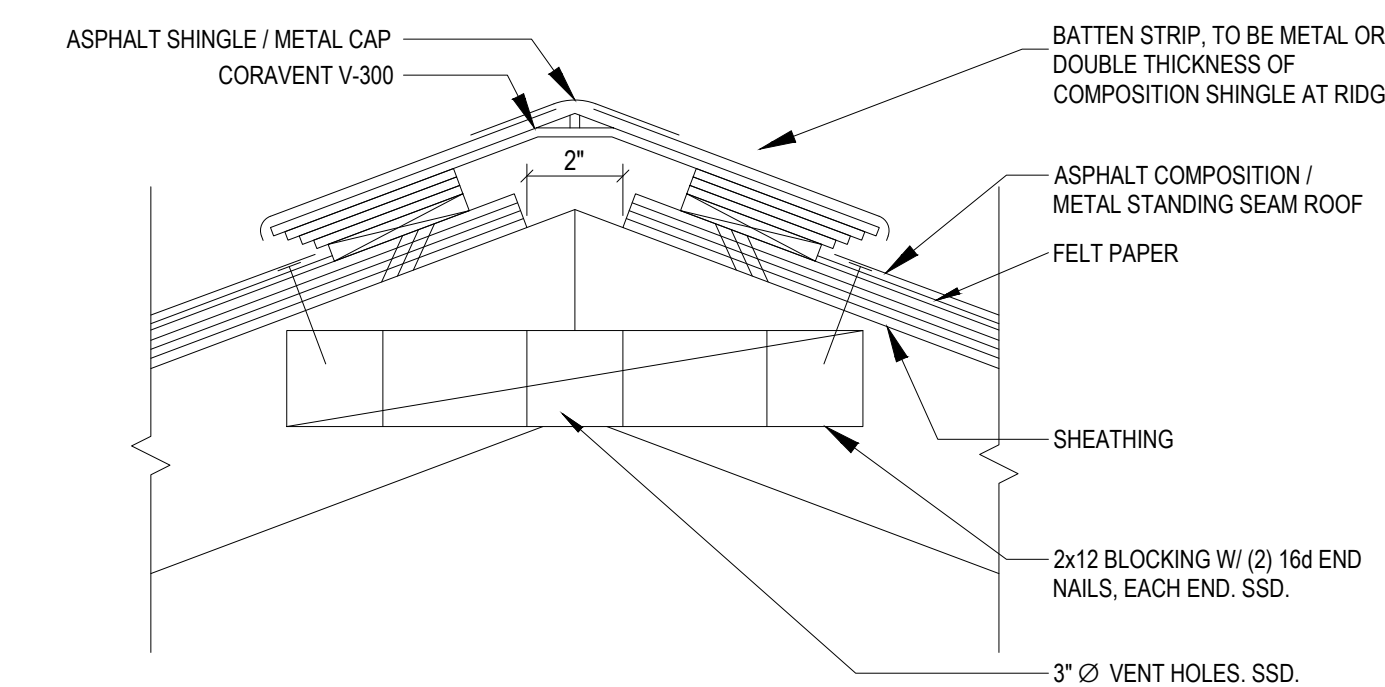
- A. ALL INTERIOR WALLS IN PROJECT TO BE B01 UNO ON SHEET A.2 - FLOOR PLAN & ROOF PLAN
- B. GYPSUM BOARD USED AS THE BASE OR BACKER FOR ADHESIVE APPLICATION OF CERAMIC TILE OR OTHER REQUIRED NONABSORBENT FINISH MATERIAL SHALL CONFORM TO ASTM C1178, C1278 OR C1396. (CRC R702.3.7)
- C. WHERE PLYWOOD OR OTHER MATERIAL IS ADDED BELOW GYPSUM BOARD, USE LONGER NAILS/SCREWS WHERE NEEDED TO MAINTAIN PENETRATION / ATTACHMENT REQUIREMENTS
- D. INSTALL ALL FIRE-RATED / SOUND-RATED WALLS IN ACCORDANCE WITH ALL REQUIREMENTS FOR THE DESIGN LISTING
- E. FINISH MATERIALS ARE SHOWN CONCEPTUALLY AS A DASHED LINE (-----) IN THE WALL TYPE DETAILS
- F. PROVIDE BACKING, SECURELY ATTACHED TO WALL FRAMING, AS NEEDED TO SECURELY AND FIRMLY MOUNT ALL WALL MOUNTED ACCESSORIES, CASEWORK, EQUIPMENT, LIGHTS, ETC. REVIEW ARCHITECTURAL AND ENGINEERING DRAWINGS TO IDENTIFY ITEMS THAT REQUIRE BACKING. INSTALL BACKING FOR THESE ITEMS AND MARK OR RECORD LOCATIONS PRIOR TO APPLYING FACING MATERIALS
- G. PROVIDE FIRE BLOCKING AND DRAFTSTOPPING AS REQUIRED BY CRC R302.11 & R302.12. ALL DOUBLE WALL CONSTRUCTION SHALL HAVE FIRE BLOCKING AT 10 FT. HORIZONATALLY AND VERTICALLY AS OUTLINED IN CRC R302.11.
- H. ADJUST FURRING DIMENSION TO ALIGN FINISH OF WALL AS INDICATED IN PLAN.
- I. ALL WOOD FURRING AGAINST EXTERIOR CONCRETE WALLS SHALL BE PRESSURE TREATED.
- J. FOR WALL TYPES WITH CEMENT PLASTER, PROVIDE A 3-COAT 7/8" MIN CEMENT PLASTER FINISH OVER METAL OR WIRE FABRIC LATH PER CRC R703.7.2 AND TABLE R702.1(1). INSTALL WATER RESISTIVE VAPOR BARRIER WITH PERFORMANCE EQUIVALENT TO OR HIGHER THAN 2 LAYERS OF GRADE D PAPER OVER WOOD BASE SHEATHING PER CRC R703.7.3
- K. PROVIDE A SPACE OR DRAINAGE MATERIAL ON TOP OF WATER-RESISTIVE BARRIER, AS REQUIRED FOR STUCCO WALLS PER CRC R703.7.3.2



6 WALL BASE AT SLAB-ON-GRADE
1 1/2" = 1'-0"



2 ROOF EAVE, TYP.
1 1/2" = 1'-0"



3 RIDGE VENT
3" = 1'-0"



THE COUNTY OF SANTA CLARA

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 408.299.5700
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NO.	DATE	REVISIONS

NO.	DATE	REVISIONS

PROJECT TITLE:

**SCC STANDARD
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SHEET TITLE:

**WALL TYPES &
 DETAILS**

SCALE: As indicated



THE COUNTY OF SANTA CLARA

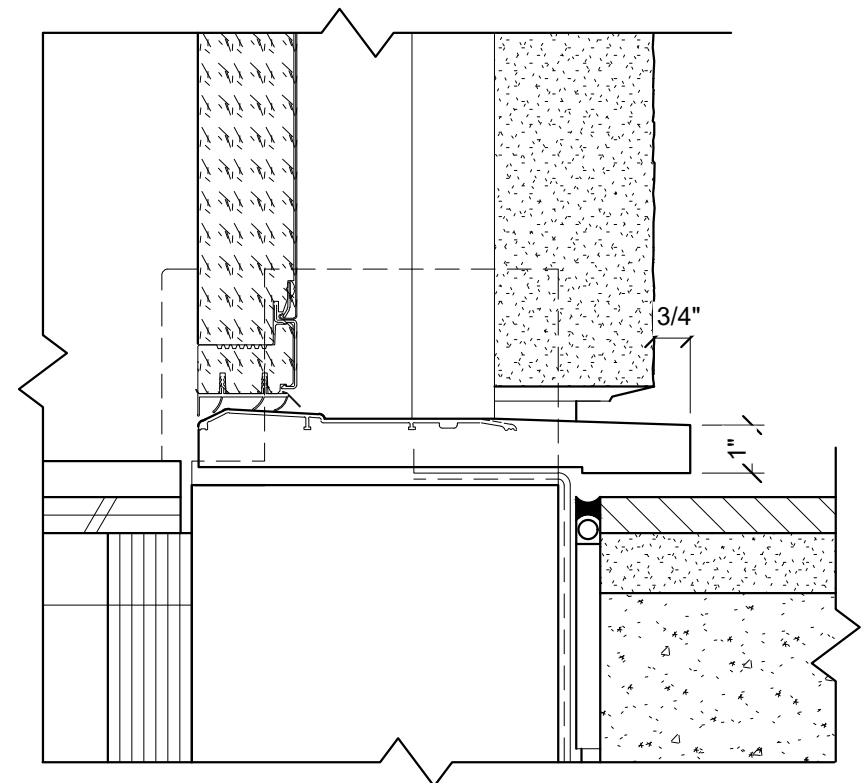
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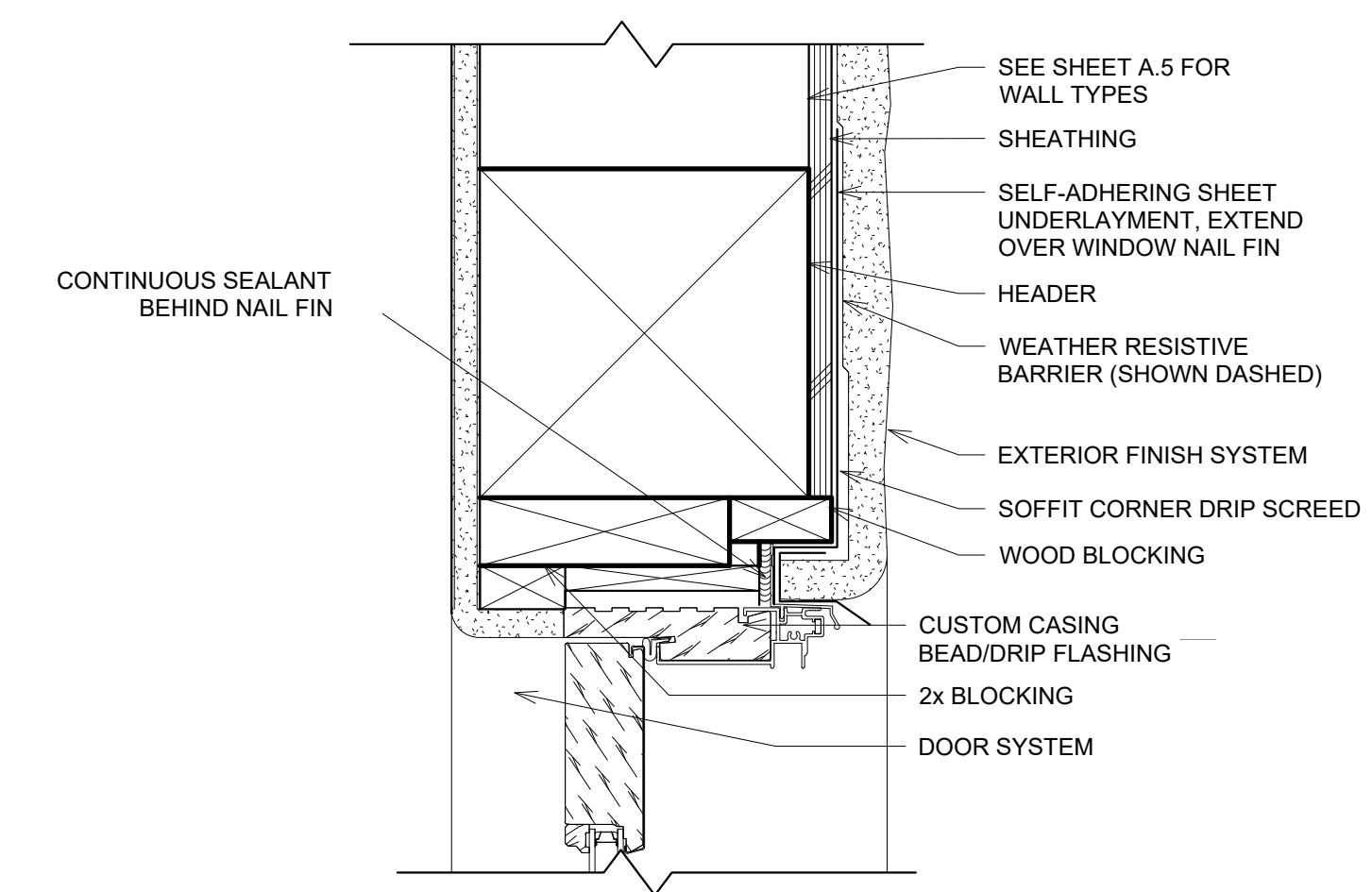
- A. NUMBERS SHOWN ON DETAIL INDICATE SEQUENCE OF INSTALLATION FOR SELF ADHERING FLASHING
- B. INSTALL SELF ADHERING FLASHING AND WALL BUILDING PAPER SUCH THAT ALL LAPS SHED WATER AND FOLLOW THE SHINGLE PRINCIPLE.
- C. MECHANICALLY FASTEN SELF ADHERING FLASHING AT CORNERS, AS REQUIRED. TYP.
- D. PROVIDE 6" MIN. LAPS OVER WALL BUILDING PAPER.

KEYNOTES

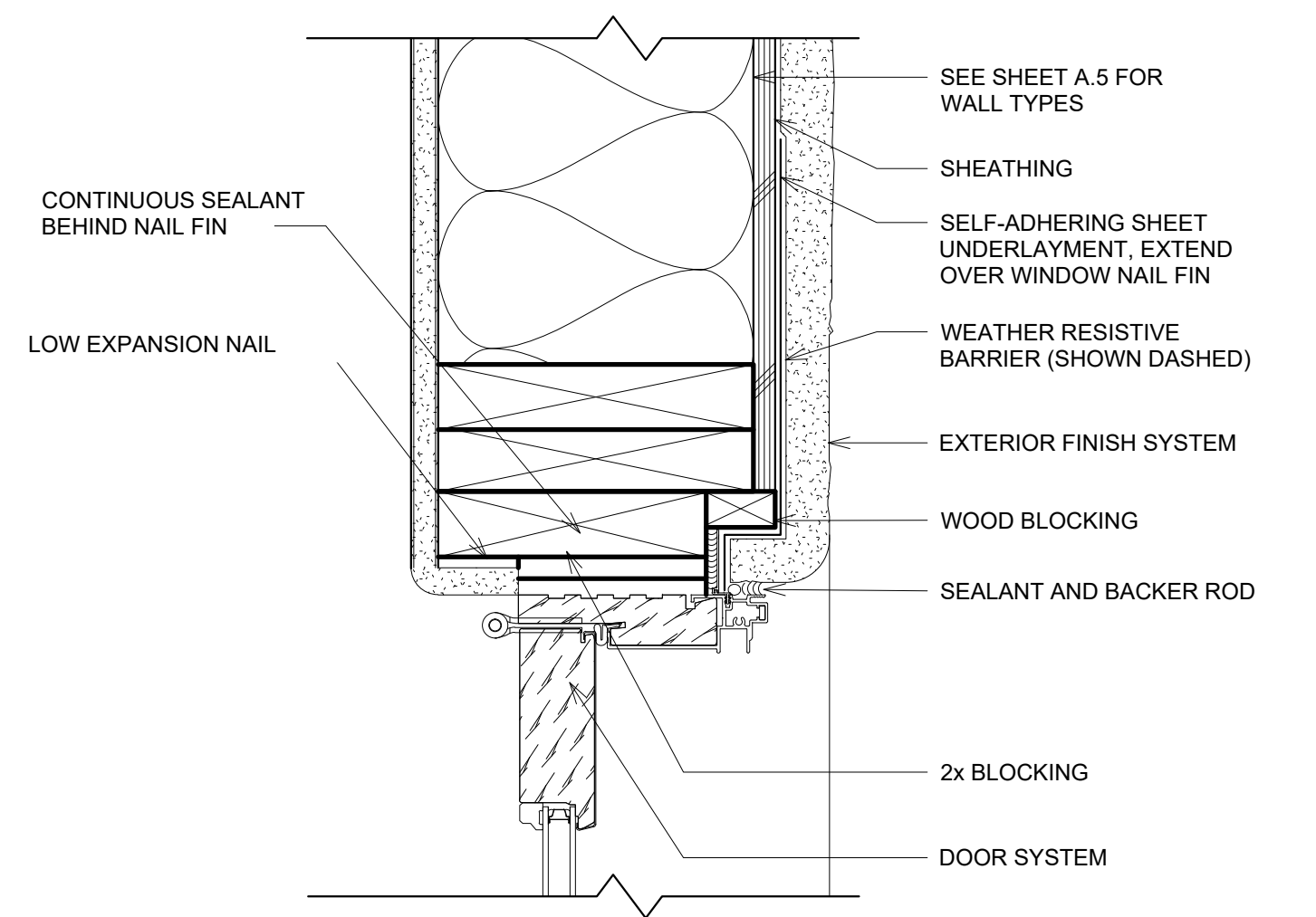
- 1. 12" SELF ADHERING FLASHING AT SILL LAP OVER BUILDING PAPER AND INTO WINDOW R.O. IF APPLICABLE. LEAVE RELEASE PAPER ON LOWER HALF OF SILL FLASHING UNTIL FUTURE TIE-IN. NOTE: DO NOT EXTEND SILL FLASHING BEYOND OUTSIDE EDGE OF JAMB FLASHINGS.
- 2. METAL SILL PAN (NOT SHOWN IN DIAGRAM) OVER FLEXIBLE SILL FLASHING. INSTALL PRIOR TO SELF-ADHERING FLASHING AT JAMBS.
- 3. SELF ADHERING FLASHING AT JAMB FRAMING. LAP (6" MIN.) OVER WALL BUILDING PAPER AT JAMBS AND INTO WINDOW OPENING.
- 4. SELF ADHERING FLASHING AT WINDOW HEAD. FLASHING INSTALLED UNDER WALL BUILDING PAPER AND OVER SELF ADHERING FLASHING AT JAMBS.
- 5. INSTALL FLANGED WINDOW PER MFR. REQD.
- 6. INSTALL SECOND LAYER SELF ADHERING FLASHING AT JAMB OVER INSTALLED WINDOW.
- 7. INSTALL SECOND LAYER SELF ADHERING FLASHING AT HEAD OVER INSTALLED WINDOW.
- 8. INSTALL 6" DIAM. SELF ADHERING TARGET PATCH OR GRACE CONSTRUCTION PREFORMED CORNER AT ALL FOUR CORNERS OF WINDOW OPENING.



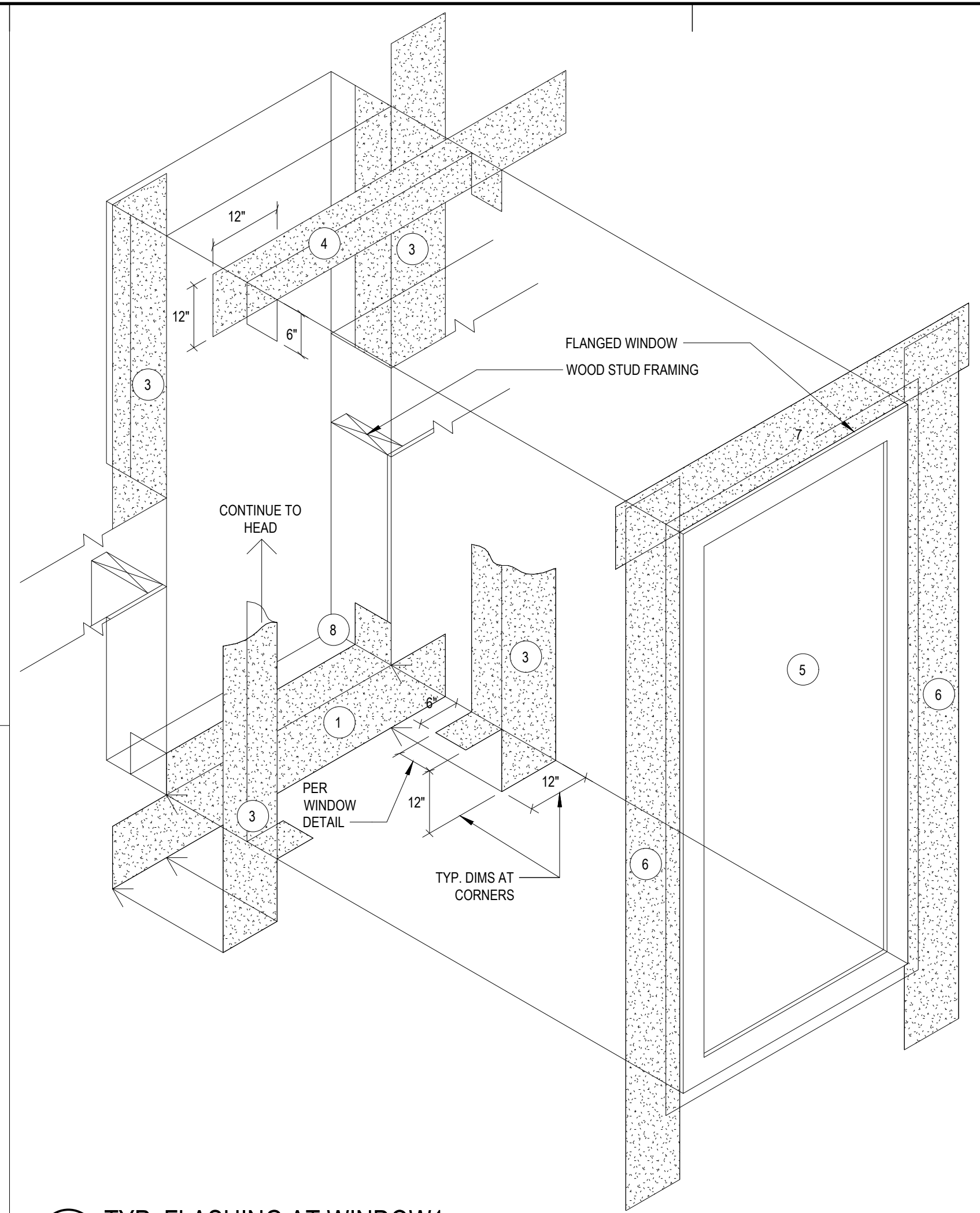
6 IN SWING DOOR THRESHOLD LOW THRESHOLD1
 3" = 1'-0"



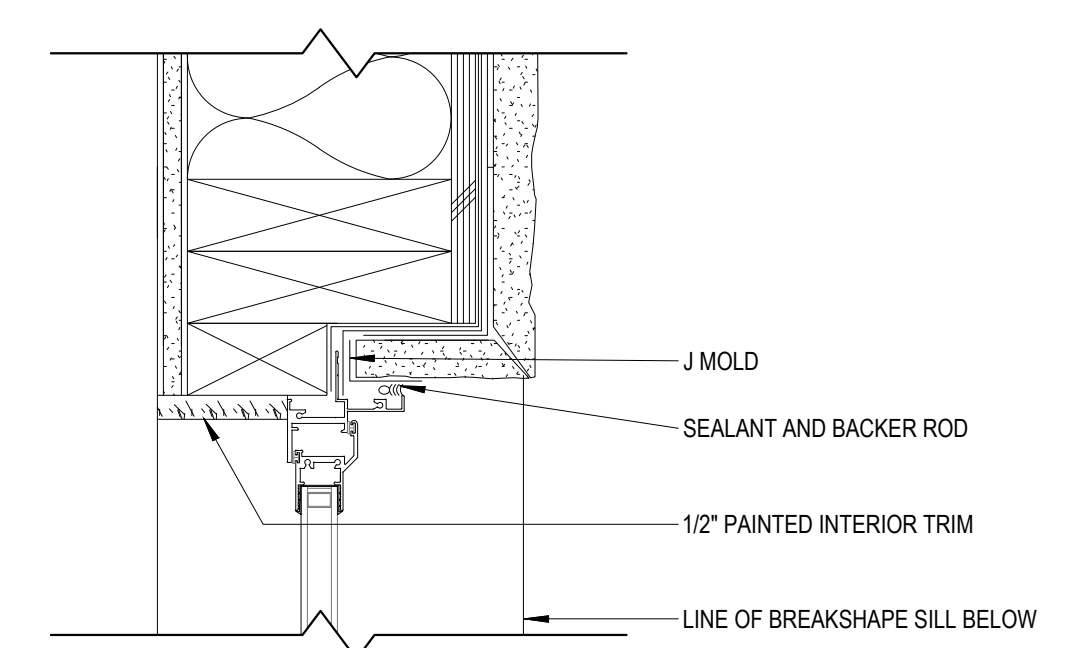
7 IN SWING DOOR HEAD1
 3" = 1'-0"



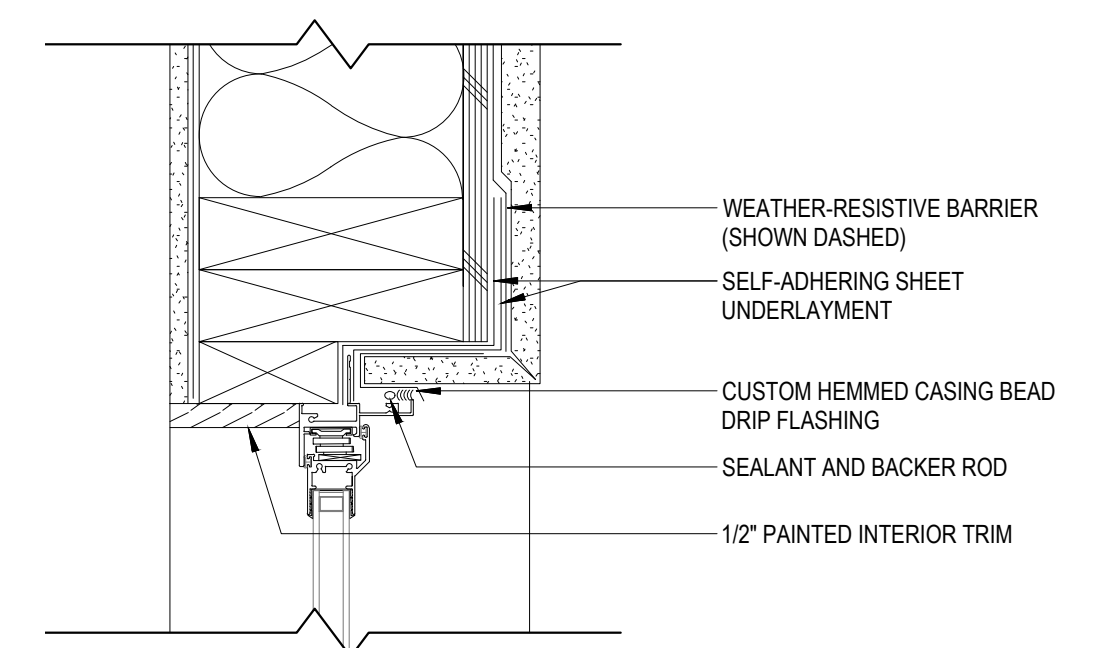
8 IN SWING DOOR JAMB1
 3" = 1'-0"



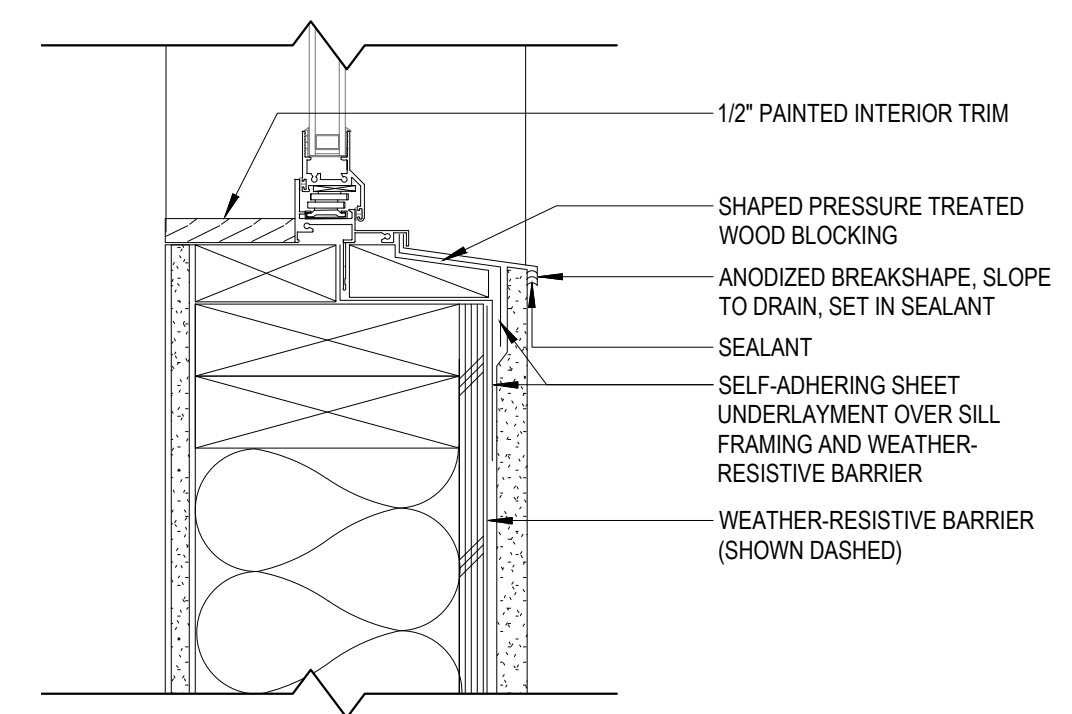
1 TYP. FLASHING AT WINDOW1
 3/4" = 1'-0"



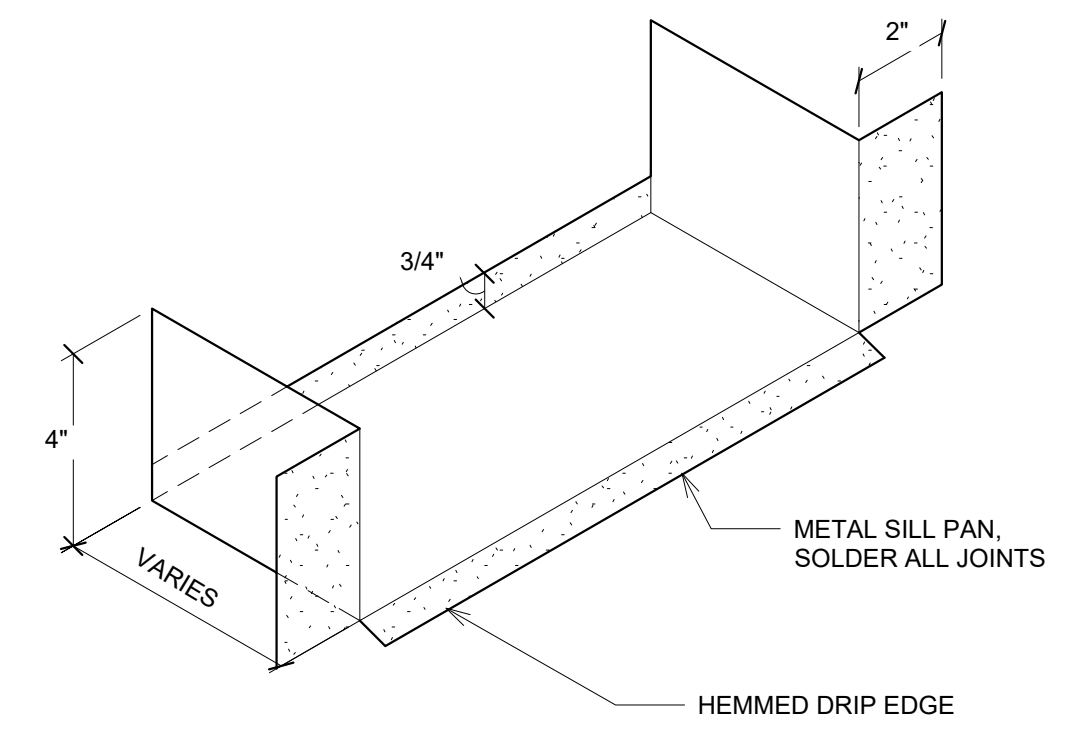
4 WINDOW JAMB
 3" = 1'-0"



2 WINDOW HEAD
 3" = 1'-0"



5 WINDOW SILL1
 3" = 1'-0"



3 SILL PAN1
 3" = 1'-0"

NO.	DATE	REVISIONS

PROJECT TITLE:
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 SHEET TITLE:

**DOOR & WINDOW
 DETAILS**

SCALE: As indicated

STRUCTURAL PROJECT DATA

- PLANS AND CALCULATIONS FOR THE STRUCTURAL DESIGN WERE BASED UPON:
2022 CALIFORNIA BUILDING CODE
- DESIGN LOADS ARE AS FOLLOWS:
 VERTICAL
 ROOF DEAD LOAD 13 PSF
 ROOF LIVE LOAD 20 PSF AND REDUCED PER CODE
 LATERAL
 WIND PER ASCE 7-16 92 MPH BASIC WIND SPEED (3 SECOND GUST)
 WIND IMPORTANCE FACTOR, I = 1.0
 RISK CATEGORY II
 EXPOSURE CATEGORY C
 INTERNAL PRESSURE COEFFICIENT, GCp = ±0.18
 SEISMIC PER ASCE 7-16 RISK CATEGORY II
 SEISMIC IMPORTANCE FACTOR, I = 1.0
 SITE CLASS D (DEFAULT)
 Ss = 2.5 S1 = 0.90
 Sds = 2.0 Sd1 = NULL
 SEISMIC DESIGN CATEGORY E
 R = 6.5 PLYWOOD SHEAR WALL
 V = CsW = 0.22W (ALLOWABLE STRESS DESIGN)
 EQUIVALENT LATERAL FORCE PROCEDURE
 FOUNDATION
 BEARING PRESSURES 1200 PSF DEAD LOAD
 1500 PSF DEAD + LIVE LOAD
 2000 PSF TOTAL LOADS
- DESIGN LOADS FOR WOOD TRUSSES ARE AS FOLLOWS:
 ROOF
 DEAD LOAD 11 PSF + SELF WEIGHT
 LIVE LOAD 20 PSF AND REDUCED PER CODE
 CONCENTRATED LIVE LOAD 200 LBS ANYWHERE OVER A 2 1/2' x 2 1/2' AREA
 WIND LOAD 15 PSF DOWNWARD
 10 PSF UPWARD
 * 70% OF THE LOAD MAY BE USED TO SATISFY DEFLECTION CRITERIA
- FINISHES AND COMPONENT WEIGHT LIMITS:
 ROOFING MATERIALS 3 PSF MAX
 (STANDING SEAM METAL) (2 PSF)
 (ASPHALT SHINGLE) (3 PSF)
 EXTERIOR STUD WALL FINISHES 16 PSF
 (GYPSBOARD AND STUCCO)
 ROOF PHOTOVOLTAIC PANELS 0.9 PSF (APPLICABLE TO SEISMIC LOADS)
 (ASSUMES 2.5 PSF PV PANEL WEIGHT W/ 35% ROOF COVERAGE)

STRUCTURAL SPECIAL INSPECTION AND TESTING

GENERAL
 THESE PROVISIONS SHALL GOVERN THE QUALITY, WORKMANSHIP, AND REQUIREMENTS FOR WORK COVERED. MATERIALS OF CONSTRUCTION AND TESTS MUST CONFORM TO THE 2022 CBC. THE CONTRACTOR MUST PROVIDE A MINIMUM 48 HOUR NOTICE TO THE SPECIAL INSPECTION AGENCY FOR WORK THAT REQUIRES SPECIAL INSPECTION. THE CONTRACTOR MUST PROVIDE THE SPECIAL INSPECTOR WITH THE USE OF A LIFT OR OTHER EQUIPMENT AS REQUIRED TO ALLOW ACCESS TO THE WORK THAT REQUIRES INSPECTION. THE CONTRACTOR MUST PROVIDE THE SPECIAL INSPECTOR ACCESS TO THE APPROVED PLANS AND SPECIFICATIONS AND RETAIN SPECIAL INSPECTION RECORDS AT THE JOB-SITE.

DEFINITIONS
 CONTINUOUS SPECIAL INSPECTION: THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
 PERIODIC SPECIAL INSPECTION: THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.

REFERENCE STANDARDS
 CALIFORNIA BUILDING CODE 2022 (CBC) AND ALL STANDARDS REFERENCED BY THE CBC.

REPORT REQUIREMENTS
 SPECIAL INSPECTORS MUST KEEP RECORDS OF INSPECTIONS, AND MUST FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS MUST INDICATE THAT THE WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS MUST BE SUBMITTED AT A POINT IN TIME AGREED UPON PRIOR TO START OF THE WORK BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL.

SCHEDULE OF STRUCTURAL INSPECTION AND TESTING

- CONCRETE
- REVIEW CERTIFIED MILL TEST REPORTS FOR REINFORCING STEEL
 - PERIODICALLY INSPECT REINFORCING STEEL AND PLACEMENT
 - PERIODICALLY INSPECT ANCHOR RODS AND ANCHOR BOLTS PRIOR TO CONCRETE PLACEMENT
 - VERIFY USE OF ENGINEER OF RECORD REVIEWED MIX DESIGN AND MATERIAL CERTIFICATE
 - CONTINUOUSLY INSPECT CONCRETE PLACEMENT
 - PERIODICALLY INSPECT CURING MATERIAL FOR CONFORMANCE WITH APPROVED CONTRACT DOCUMENTS AND PLACEMENT
 - PERIODICALLY INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS
 - FABRICATE 4"x8" OR 6"x12" CYLINDER TEST SPECIMENS
 - PERFORM SLUMP TESTING AT THE TIME CONCRETE IS SAMPLED
 - PERFORM AIR CONTENT TESTING AT THE TIME CONCRETE IS SAMPLED
 - RECORD TEMPERATURE OF CONCRETE AT THE TIME CONCRETE IS SAMPLED
 - PERFORM CONCRETE COMPRESSION TESTING
- WOOD FRAMING
- PERIODICALLY INSPECT ALL INSTALLED FABRICATED CONNECTORS EXCEPT HANGERS, POST BASES AND POST CAPS
 - PERIODICALLY INSPECT SILL PLATE BOLTING
 - PERIODICALLY INSPECT THE INSTALLATION OF HOLD-DOWNS AND STRAPS AT OPENINGS

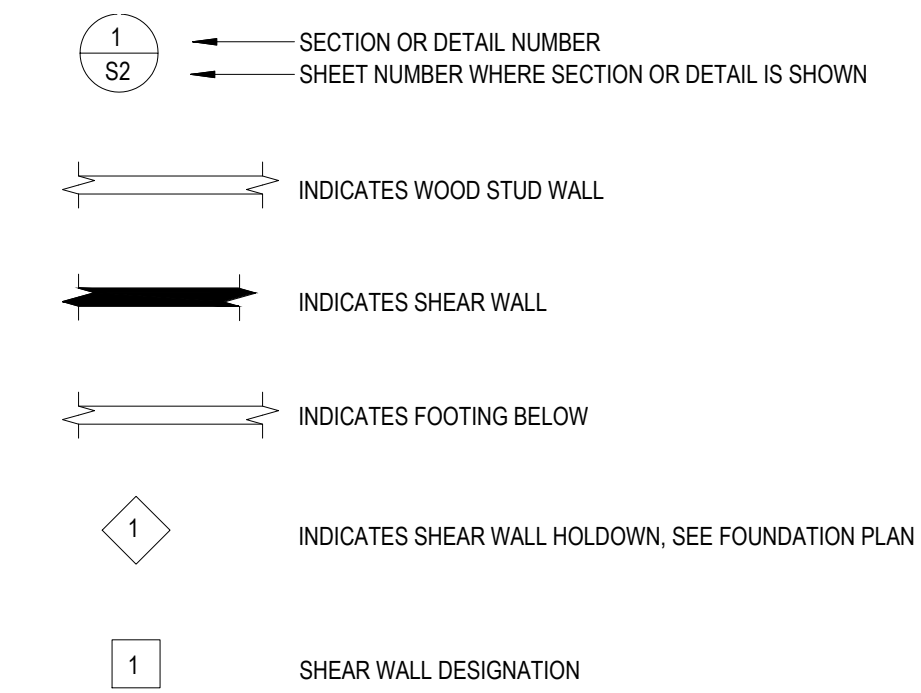
STRUCTURAL ABBREVIATIONS

@	AT	LB(S)	POUND(S)
Ø	DIAMETER	LL	LIVE LOAD
#	NUMBER	LLBB	LONG LEGS BACK TO BACK
		LLH	LONG LEG HORIZONTAL
AB	ANCHOR BOLT	LLV	LONG LEG VERTICAL
ADD'L	ADDITIONAL	LOC	LOCATION
ALT	ALTERNATE	LOL	LAYOUT LINE
APPROX	APPROXIMATE(LY)	LONGIT	LONGITUDINAL
ARCH.	ARCHITECT(URAL)	LS	LAG SCREW(S)
ATS	ANCHOR TIE SYSTEM	LW	LIGHT WEIGHT
		MAX	MAXIMUM
BF	BOUNDARY FASTENING OR BRACED FRAME	MB	MACHINE BOLT(S)
BLK	BLOCK	MECH	MECHANICAL
BLKG	BLOCKING	MFR	MANUFACTURER
BLDG	BUILDING	MIN	MINIMUM
BM	BEAM	MISC	MISCELLANEOUS
BN	BOUNDARY NAILING		
BOF	BOTTOM OF FOOTING	(N)	NEW
BOT	BOTTOM	NIC	NOT IN CONTRACT
		No.	NUMBER
¢	CENTER LINE	NOM	NOMINAL
CBC	CALIFORNIA BLDG CODE	NS	NEAR SIDE
CFS	COLD FORMED STEEL	NTS	NOT TO SCALE
CIDH	CAST-IN-DRILLED-HOLE		
CIP	CAST-IN-PLACE	OC	ON CENTER
C-J	CONSTRUCTION JOINT	OD	OUTSIDE DIAMETER
CJP	COMPLETE JT PENETRATION	OG	ORIGINAL GROUND
CLR	CLEAR	OH	OPPOSITE HAND
CLG	CEILING	OWSJ	OPEN WEB STEEL JOIST
CMP	CORRUGATED METAL PIPE		
CMU	CONCRETE MASONRY UNIT	p	METAL PLATE
COL	COLUMN	PDF	POWDER DRIVEN FASTENER
CONC	CONCRETE	PLY	PLYWOOD
CONN	CONNECTION	PJP	PARTIAL JOINT PENETRATION
CONST	CONSTRUCTION	PQR	PROCEDURE QUALIFICATION REPORT
CONT	CONTINUOUS	PSF	POUNDS PER SQUARE FOOT
COORD	COORDINATE	PSI	POUNDS PER SQUARE INCH
CSK	COUNTERSINK	PT	POINT OR POST TENSION
		PTDF	PRESERVATIVE TREATED DOUGLAS FIR
DBL	DOUBLE	PV	PHOTO VOLTAIC
DCW	DEMAND CRITICAL WELD	PVC	POLYVINYL CHLORIDE
DET	DETAIL		
DF	DOUGLAS FIR	RAD or R	RADIUS
DIAG	DIAGONAL	RCP	REINF CONC PIPE
DN	DOWN	REINF	REINFORCED, REINFORCING
DO	DITTO	REQ'D	REQUIRED
DWG	DRAWING	REV	REVISION
		RS	ROUGH SAWN
(E)	EXISTING	RWD	REDWOOD
EA	EACH		
EF	EDGE FASTENING	S.A.D.	SEE ARCH. DRAWINGS
EL	ELEVATION	SCHED	SCHEDULE
ELECT	ELECTRICAL	SEC	SECTION
ELEV	ELEVATOR	SFRS	SEISMIC FORCE RESISTING SYSTEM
EN	EDGE NAILING	SHT	SHEET
EQ	EQUAL	SHTG	SHEATHING
EW	EACH WAY	SIM	SIMILAR
		SM	SHEETMETAL
FBC	FRAMED BEAM CONN	SMS	SHEET METAL SCREW
FIN	FINISH(ED)	SPEC(S)	SPECIFICATION(S)
FG	FINISH GRADE	SQ	SQUARE
FND	FOUNDATION	STAG	STAGGERED
FOC	FACE OF CONCRETE	STD	STANDARD
FOHC	FREE OF HEART CENTER	STL	STEEL
FOM	FACE OF MASONRY	STRUCT	STRUCTURAL
FOS	FACE OF STUD(S)	STS	SELF TAPPING SCREW
FS	FAR SIDE	SYM	SYMMETRICAL
FTG	FOOTING		
		T&B	TOP & BOTTOM
Ga	GAUGE	T&G	TONGUE AND GROOVE
GALV	GALVANIZED	TBR	TO BE REMOVED
GL	GLUED LAMINATED BEAM	TEMP	TEMPORARY
		TN	TOE NAIL
HD	HOLDOWN	T.O.	TOP OF
HDPE	HIGH DENSITY POLYETHYLENE	TOF	TOP OF FOOTING
HDR	HEADER	T.O.P.	TOP OF PLATE
HEX	HEXAGONAL	TOS	TOP OF SLAB OR STEEL
HGR	HANGER	T.O.W.	TOP OF WALL
HORIZ	HORIZONTAL	TRANS	TRANSVERSE
HS	HIGH STRENGTH	TYP	TYPICAL
HSB	HIGH STRENGTH BOLT		
HSS	HOLLOW STRUCT SECTION	UON	UNLESS OTHERWISE NOTED
H or HT	HEIGHT	VERT	VERTICAL
ID	INSIDE DIAMETER	VIF	VERIFY IN FIELD
INSP	INSPECTION/INSPECTOR		
INSUL	INSULATION	W/	WITH
		WF	WIDE FLANGE
JT	JOINT	WFRS	WIND FORCE RESISTING SYSTEM
		WP	WATERPROOF OR WORK POINT
		WPS	WELDING PROCEDURE SPECIFICATIONS
		WT	WEIGHT
		WWR	WELDED WIRE REINFORCEMENT

STRUCTURAL SHEET INDEX

STRUCTURAL	
S.1	STRUCTURAL COVER SHEET
S.2	FOUNDATION & ROOF FRAMING PLANS
S.3	SECTIONS AND DETAILS
S.4	SECTIONS AND DETAILS
S.5	EXTERIOR OPTION DETAILS

STRUCTURAL SYMBOLS



STRUCTURAL GENERAL NOTES

- GENERAL NOTES APPLY TO ALL DRAWINGS.
- DO NOT SCALE DRAWINGS. SCALE IS SHOWN FOR REFERENCE ONLY.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE STRUCTURAL WORK WITH THE ARCHITECTURAL, CIVIL, AND MEP CONTRACT DOCUMENTS, AS WELL AS ANY OTHER APPLICABLE TRADES.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND REMOVAL OF TEMPORARY BRACING AND CONSTRUCTION SUPPORTS REQUIRED TO COMPLETE THE PROJECT. NO PORTION OF THE STRUCTURE SHOULD BE CONSIDERED TO BE SELF SUPPORTING UNTIL THE ENTIRE VERTICAL AND LATERAL LOAD RESISTING SYSTEM IS COMPLETE.
- THE CONTRACTOR MUST PROTECT AND SHORE ALL EXCAVATIONS WITH BRACING AND SHORING AS REQUIRED TO MAINTAIN SOIL STABILITY.
- CONSTRUCT THOSE FEATURES OF THE PROJECT, WHICH MAY NOT BE FULLY SHOWN IN A MANNER SIMILAR TO THAT USED FOR SIMILAR FEATURES.
- CENTERLINES OF FOUNDATION GRADE BEAMS COINCIDE WITH CENTERLINES OF WALLS, UON.
- CENTERLINES OF FRAMING MEMBERS COINCIDE WITH POST CENTERLINES, UON.
- SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS. VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH ARCHITECTURAL DRAWINGS.
- CONSTRUCTION LIABILITY
 THE CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS AGREE THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, AND THE CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS FURTHER AGREE TO DEFEND, INDEMNIFY AND HOLD THE DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

LIMITATIONS OF USE

- DRAWINGS ARE ONLY APPLICABLE TO THE 2022 CALIFORNIA BUILDING CODE. DRAWINGS DO NOT APPLY TO SUBSEQUENT CODES.
- SITE MUST BE LEVEL ON NATIVE OR CUT GRADE.
- SEISMIC GROUND ACCELERATION (Sds) IS LIMITED TO 2.00 MAX.
- APPLICABLE TO SITES IN UNINCORPORATED LAND LOCATED IN SANTA CLARA COUNTY ONLY.



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STRUCTURAL
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SHOP-FABRICATED WOOD TRUSSES

SHOP-FABRICATED WOOD TRUSSES MUST CONFORM TO THE CURRENT GOVERNING CBC.

DESIGN REQUIREMENTS

- A. THE ROOF TRUSS DESIGNER MUST COORDINATE THE SIZE AND LOCATION OF BRIDGING AS REQUIRED TO BRACE TRUSSES.
- B. DESIGN ROOF LIVE, DEAD, WIND AND SEISMIC LOAD. SEE CONTRACT DRAWINGS. MAXIMUM ALLOWABLE DEFLECTION AS FOLLOWS:

LIVE LOAD	L/360	1" MAXIMUM
DEAD + LIVE LOAD	L/240	
WIND LOAD	L/360	

QUALITY ASSURANCE

- A. TRUSS DESIGN, FABRICATION, AND INSTALLATION: IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, TPI 1, TPI DSB-89, AND BCSI 1 EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE SHOWN OR SPECIFIED.
- B. FABRICATOR QUALIFICATIONS: COMPANY SPECIALIZING IN DESIGN, FABRICATION AND ERECTION OF THE PRODUCTS SPECIFIED IN THIS SECTION WITH MINIMUM 5 YEARS OF DOCUMENTED EXPERIENCE.

FOUNDATION NOTES

1. FOOTINGS AND SLAB ON GRADE SHALL BE LOCATED ON LEVEL NATIVE SOIL. INSTALLATION ON SLOPING GRADE OR GRADE SUPPORTED BY RETAINING WALLS IS NOT ALLOWED.
2. CONCRETE SLAB SECTION SHALL BE AS FOLLOWS:
 - 4" CONCRETE SLAB W/ 6X6-W4X4 WWR, 3" CLEAR TO BOTTOM OF SLAB
 - 10 MIL VAPOR BARRIER
 - 5" CLASS II AGGREGATE BASE/ROCK
 - EXISTING SUBGRADE AND BASE/ROCK COMPACTED TO 95% RELATIVE COMPACTION
3. CONCRETE MUST HAVE $f_c = 3000$ PSI (MIN) AND WATER/CEMENT RATIO = 0.55 MAX.
4. ANCHOR BOLTS MUST NOT BE WET-SET.
5. SEE S.3 FOR TYPICAL CONCRETE DETAILS.
6. CONTROL JOINTS ARE TO BE INSTALLED 12'-0" OC MAX. CONTROL JOINTS SHALL BE MADE BY SAW CUTTING SLAB WITH THE SOFF-CUT SYSTEM OR APPROVED EQUAL AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE DAMAGED BY THE BLADE, USUALLY WITHIN 2 TO 4 HOURS AFTER FINAL FINISHING (NO LATER THAN 8 HOURS AFTER PLACEMENT). SAW CUT DEPTH SHALL BE 1/4 OF THE SLAB DEPTH (1 1/2" MAX).

1 INDICATES SIMPSON HDU - SDS 2.5, SEE 6/S4

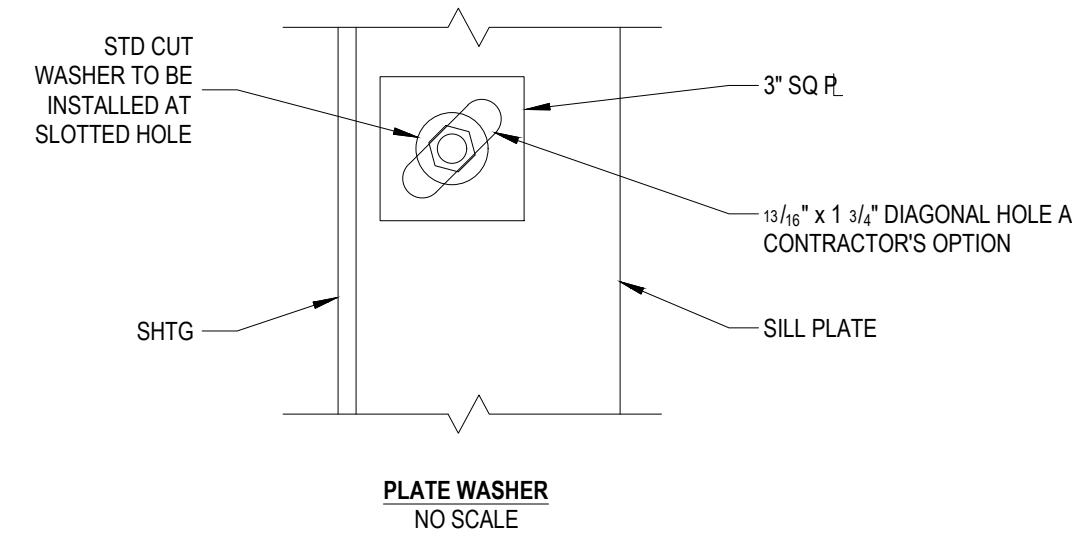
1 x 13'-9" INDICATES WALL PLY TYPE AND MIN LENGTH. SEE SHEAR WALL SCHEDULE

SHEAR WALL SCHEDULE (SFRS)

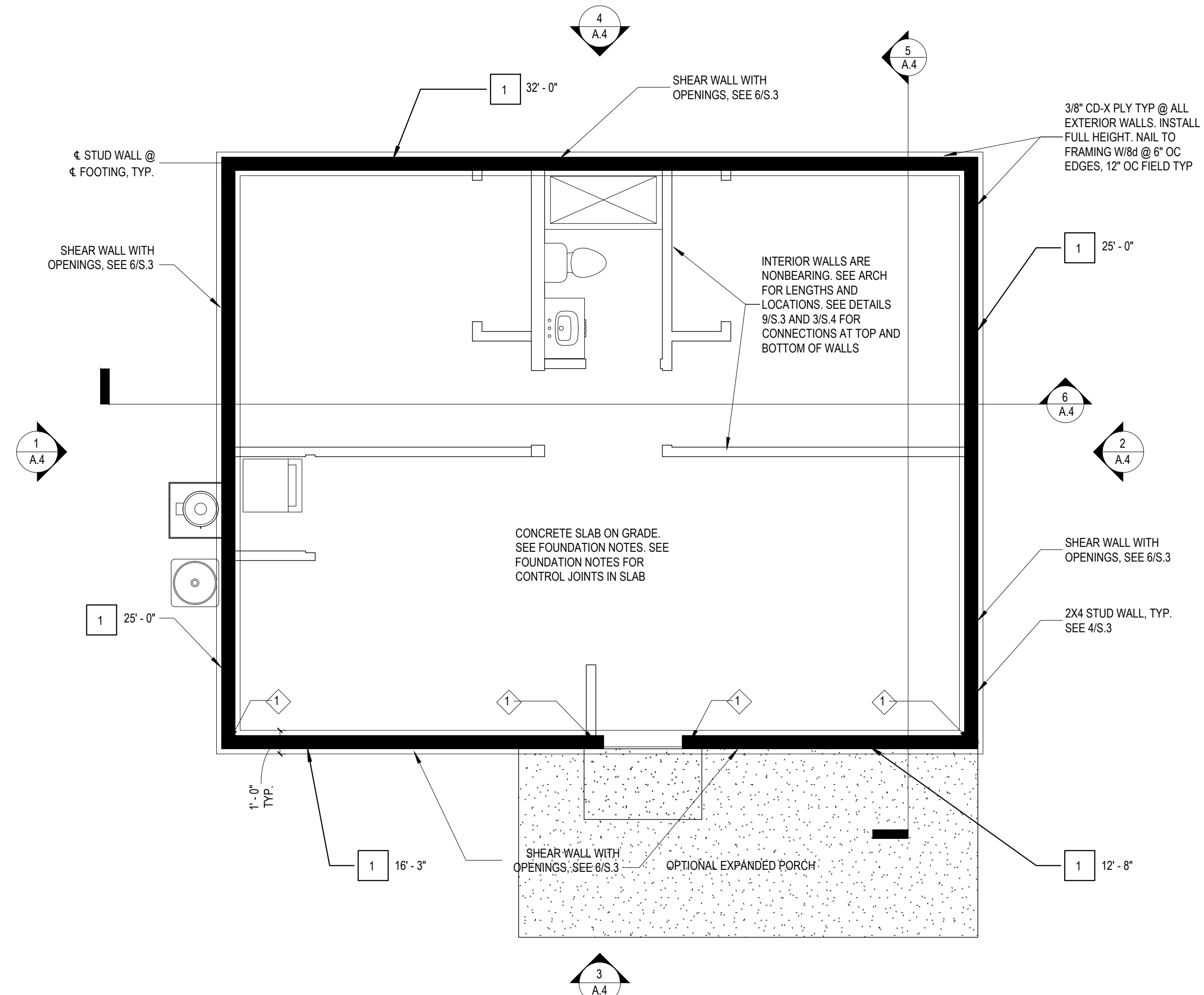
TYPE	RATED SHGT	EDGE FASTENING	FIELD FASTENING	SILL PLATE CONNECTION
		NAILS	NAILS	BOLTED
1	3/8" SHGT	6" OC	12" OC	5/8" Ø AB 4'-0" OC W/ 8" EMBED

REMARKS:

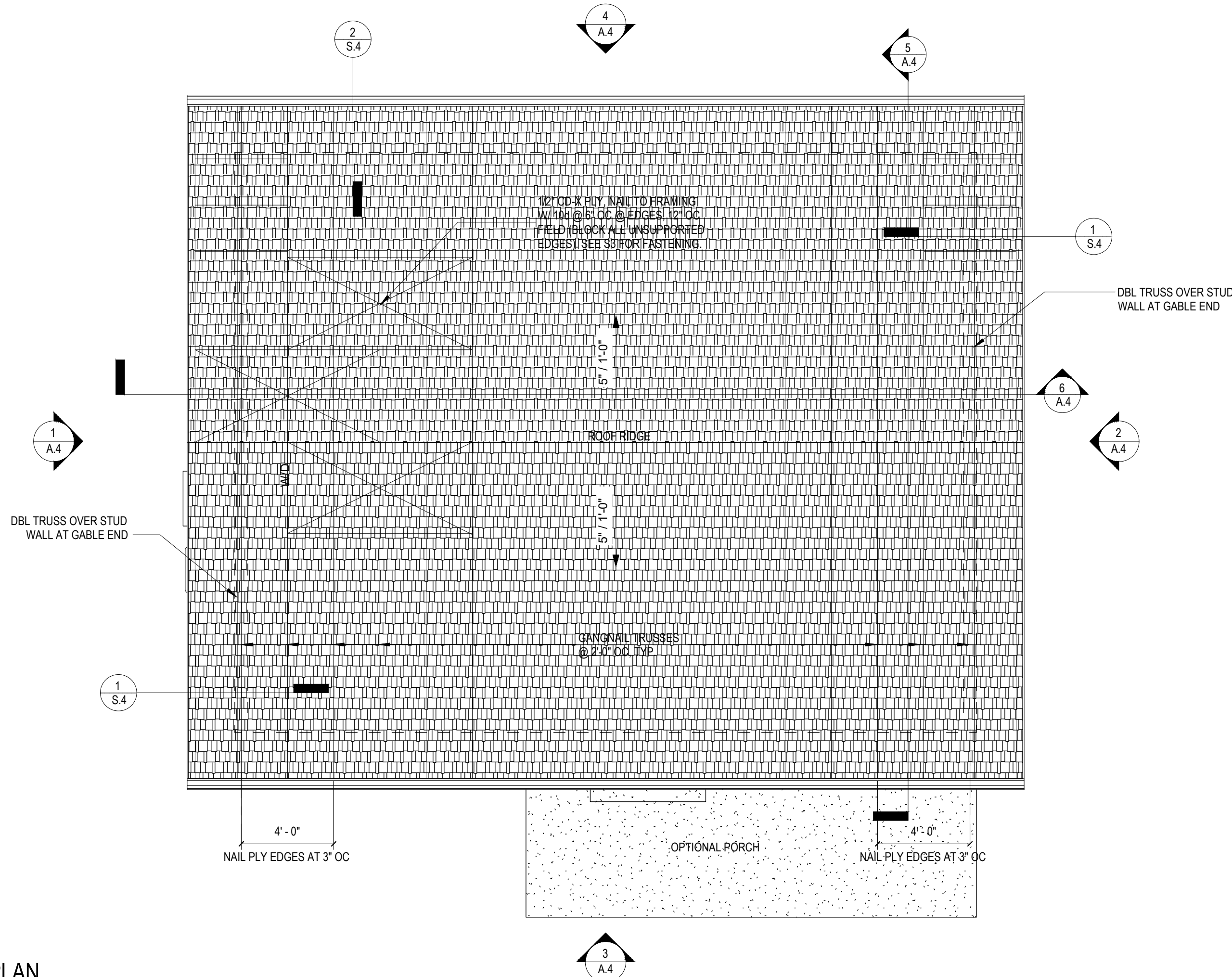
1. FASTENING APPLIES TO ALL STUDS, TOP AND BOTTOM PLATES AND BLOCKING
2. ANCHOR BOLT WASHER SHALL BE 0.229" X 3" SQ PLATE WASHER, SEE WASHER DETAIL.
3. MINIMUM SILL PLATE NAILING EDGE DISTANCE SHALL BE 5/8"
4. SHEATHING SHALL BE EDGE FASTENED AT ALL PANEL EDGES, TOP PLATES, SILL PLATES, HOLDDOWN POSTS, WOOD POSTS, AND BLOCKING LOCATIONS AS WELL AS OTHER LOCATIONS SHOWN IN THE DRAWINGS.
5. FASTENERS SHALL BE 8D COMMON, 8D GALVANIZED (HOT-DIPPED OR TUMBLED) BOX NAILS.
6. INSTALL 2X OR WIDER FRAMING & BLOCKING AT ALL ADJOINING PANEL EDGES.
7. ALL SHEAR WALLS MUST HAVE 4 SILL ANCHORS MIN, EQUALLY SPACED.



1 FOUNDATION PLAN
 1/4" = 1'-0"



2 ROOF FRAMING PLAN
 1/4" = 1'-0"



NO.	DATE	REVISIONS

PROJECT TITLE:
**SCC STANDARD
 ADU - 800 SF**

Enter address here

COUNTY PERMIT # DEV2X-XXXX
 DATE: Issue Date
 SHEET TITLE:

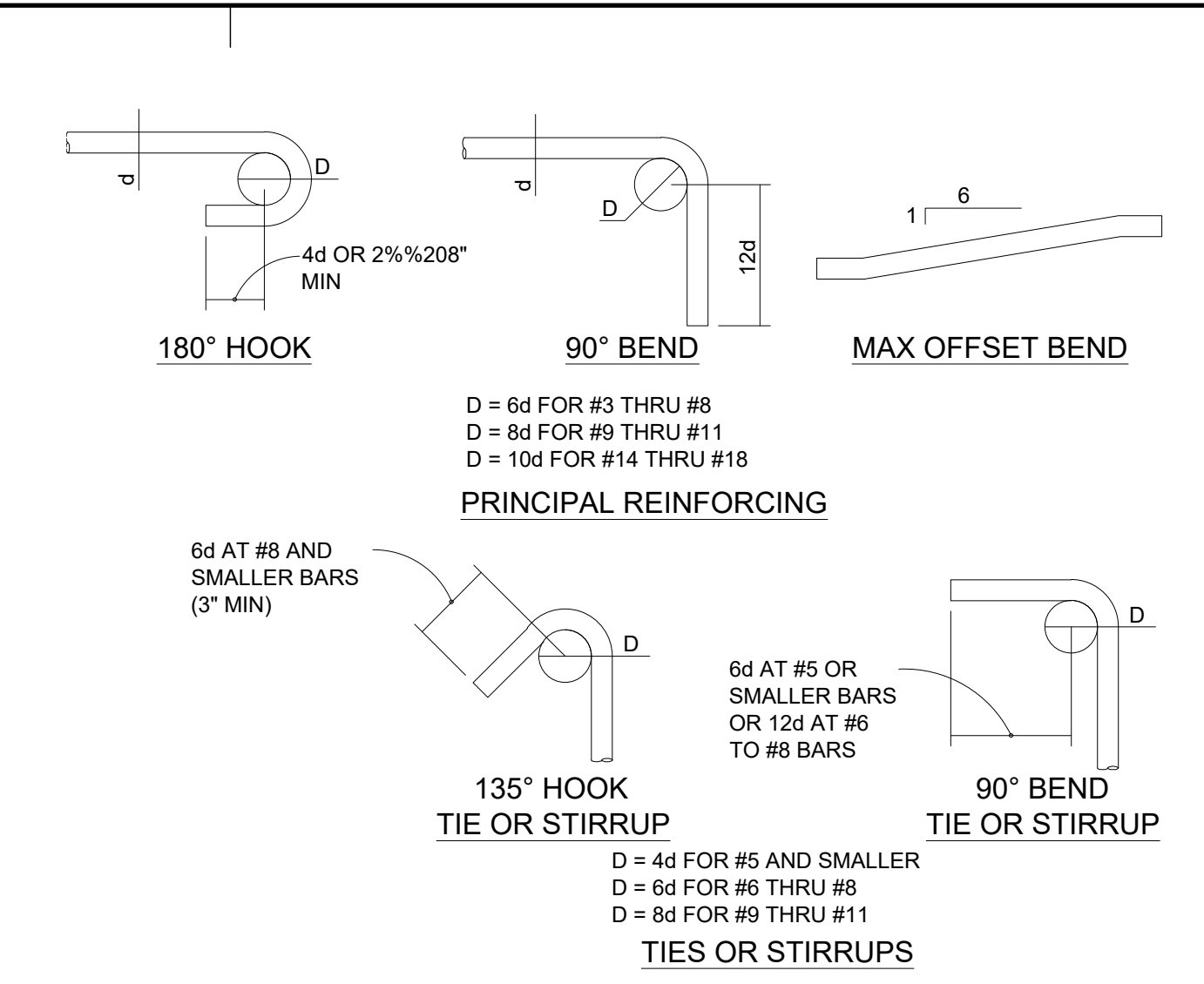
**FOUNDATION &
 ROOF FRAMING
 PLANS**

SCALE: As indicated

9/30/2024 3:54:33 PM

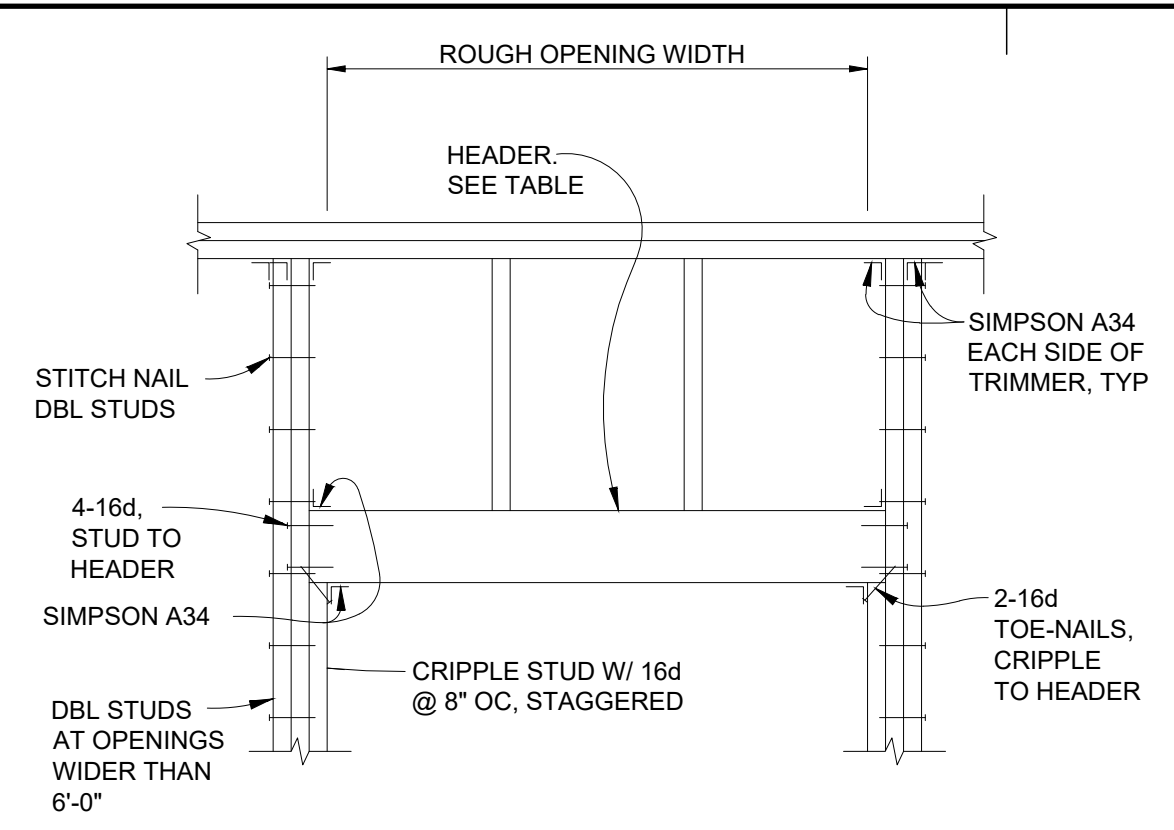


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NOTES:
 1. ALL BENDS SHALL BE MADE COLD.
 2. #14 & #18 BARS SHALL BE BEND-TESTED AND APPROVED PRIOR TO BENDING.

1 TYP. BAR HOOKS & BENDS1

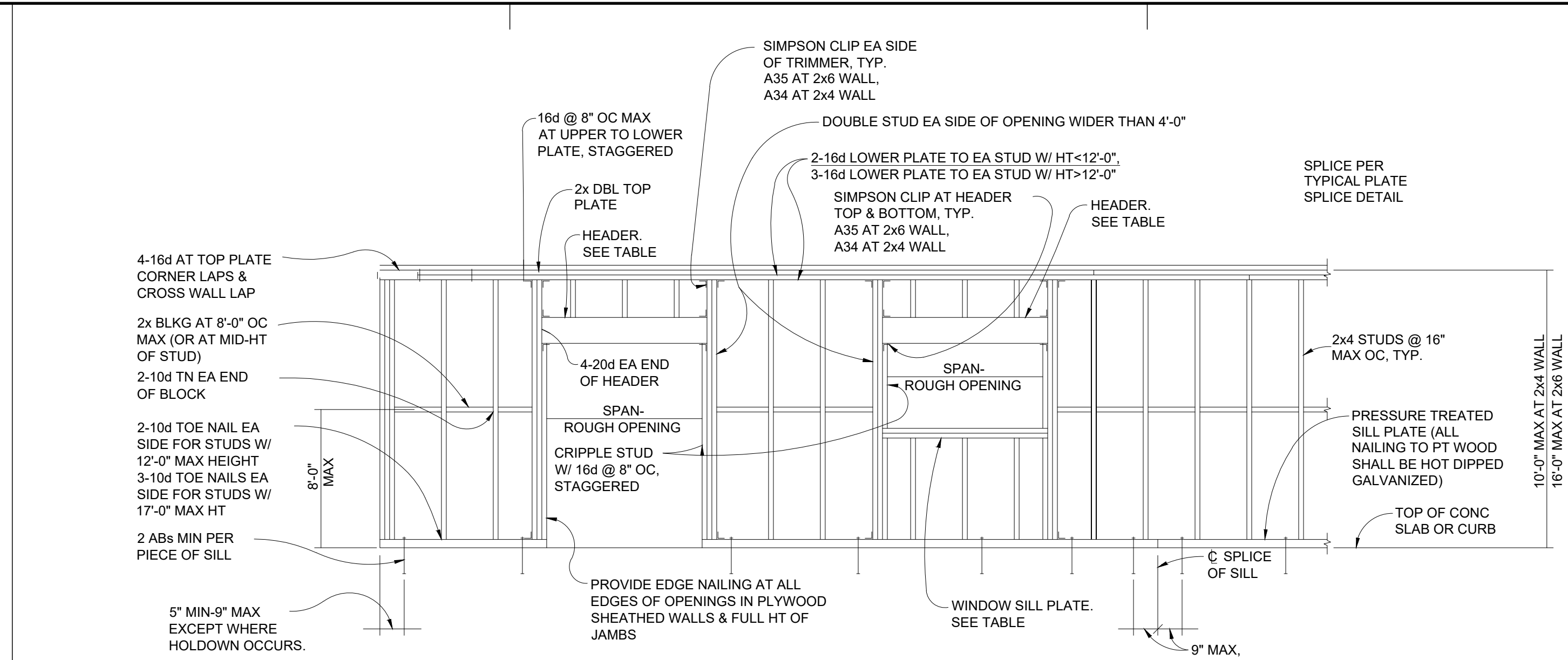


ALL HEADERS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON PLANS:

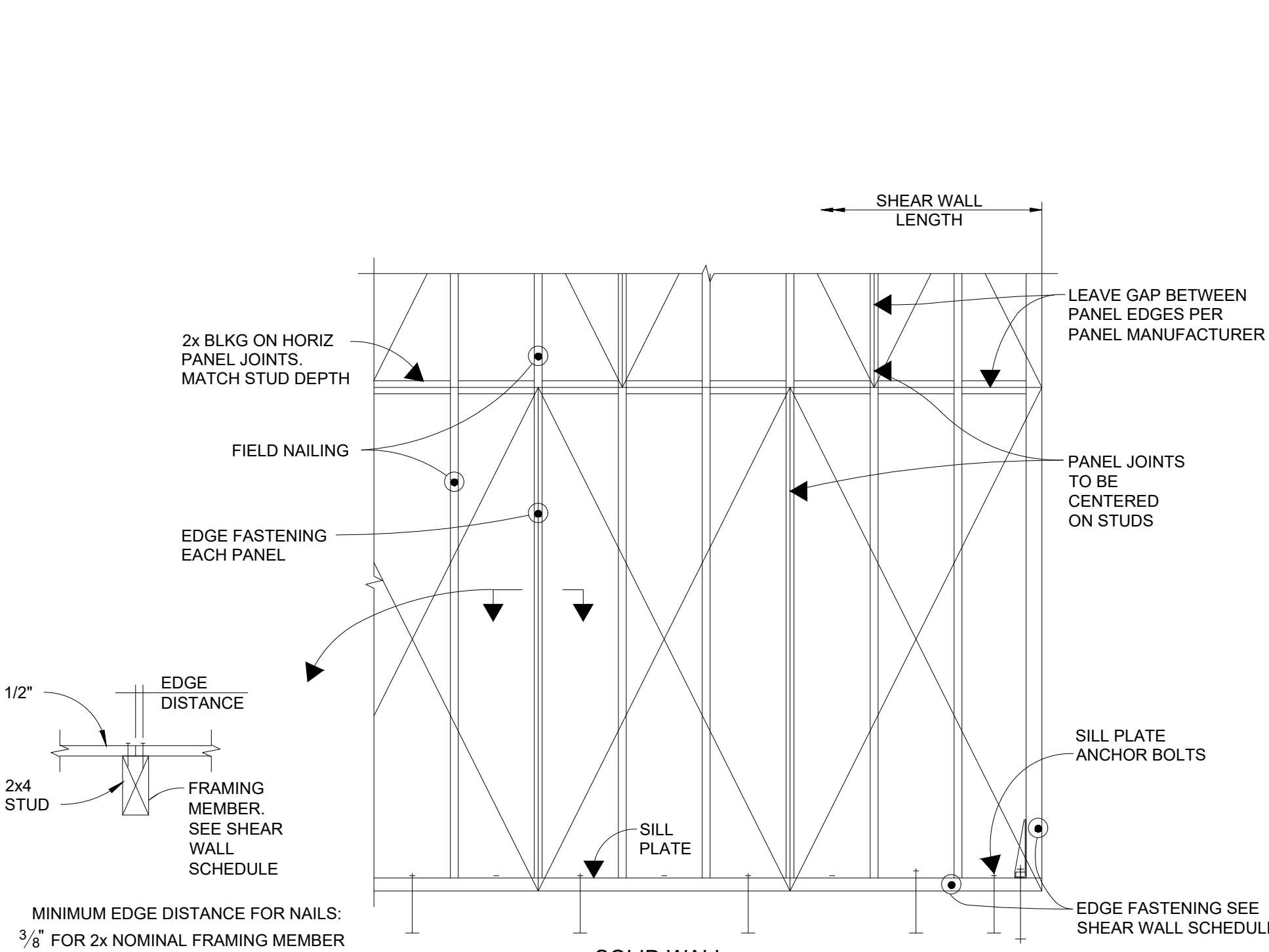
OPENING WIDTH	HEADER SIZE 2x4 WALL	HEADER SIZE 2x6 WALL	WINDOW SILL PLATE SIZE, 2x4 WALL	WINDOW SILL PLATE SIZE, 2x6 WALL
4'-0" MAX	4x6	6x6	2x4	2x6
6'-0" MAX	4x8	6x8	2x4	2x6
8'-0" MAX	4x10	6x10	2-2x4	2x6
10'-0" MAX	4x12	6x12	3-2x4	2x6

NOTE:
 SILL SIZE SHALL BE INCREASED WHERE REQUIRED BY PERFORATED SHEAR WALL DETAIL.

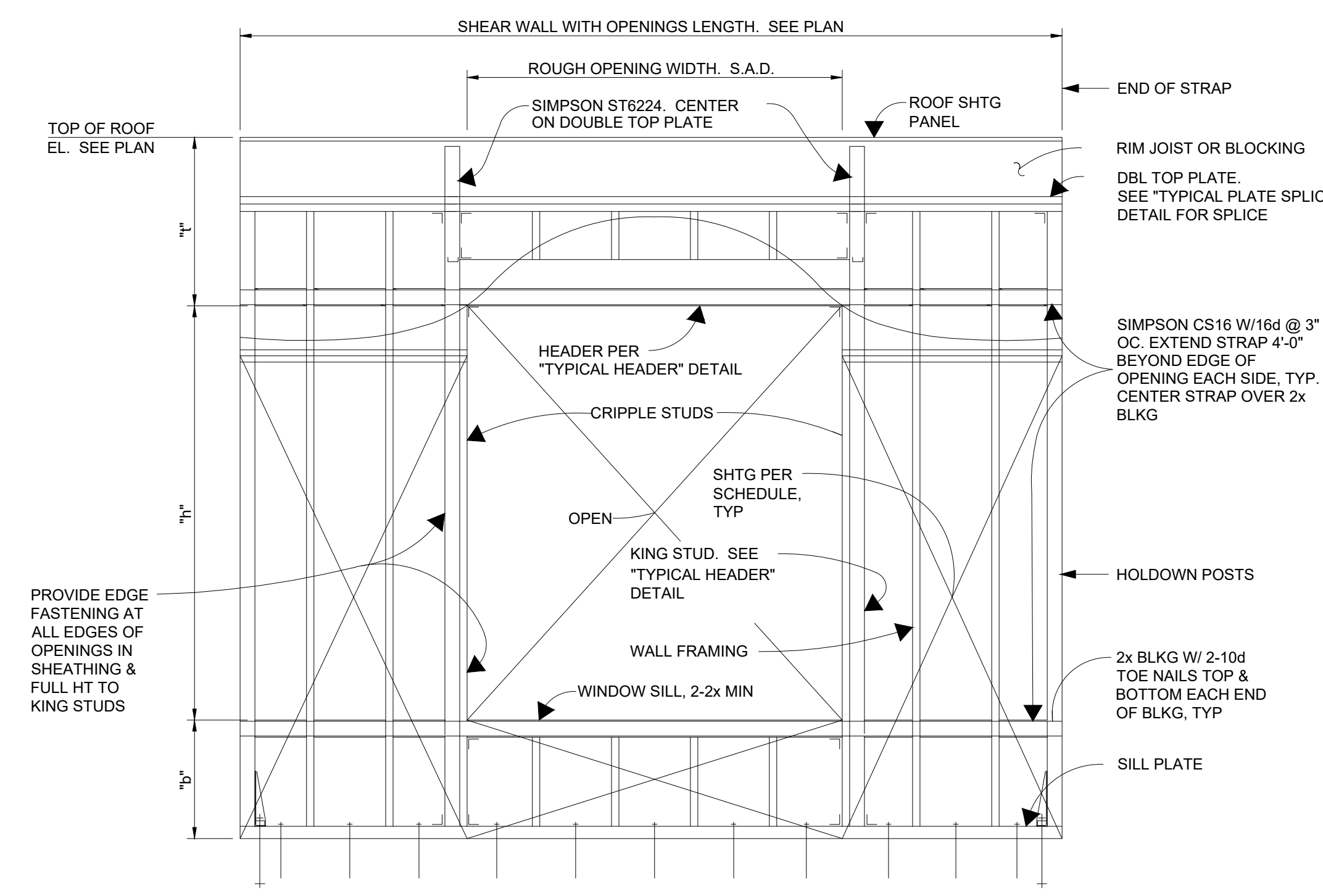
5 TYPICAL HEADER1



4 TYPICAL STUD WALL FRAMING ELEVATION1



6 TYPICAL SHEAR WALL ELEVATION1



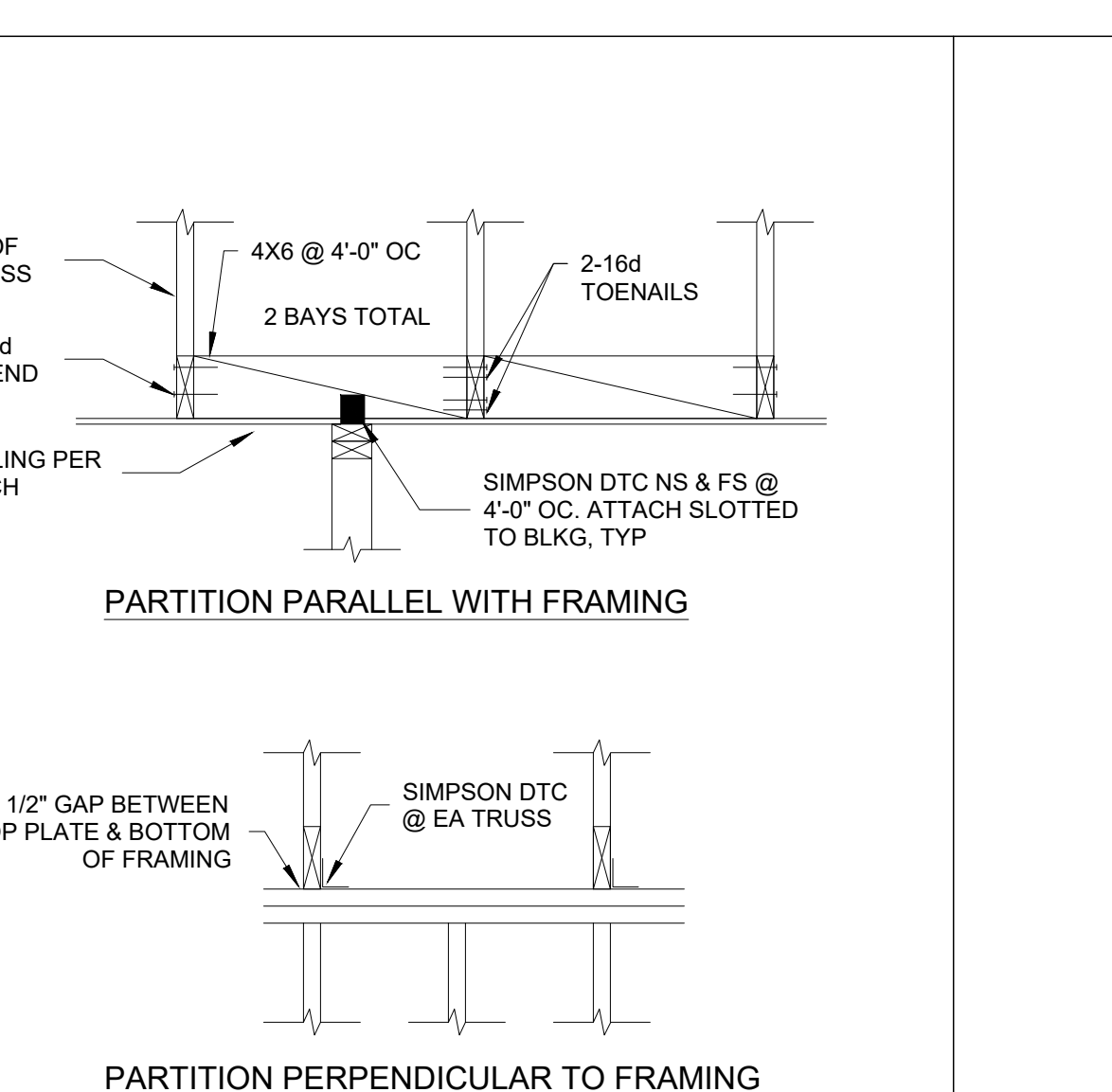
7 TYP. SHEAR WALL WITH OPENINGS

LAP SPLICE SCHEDULE

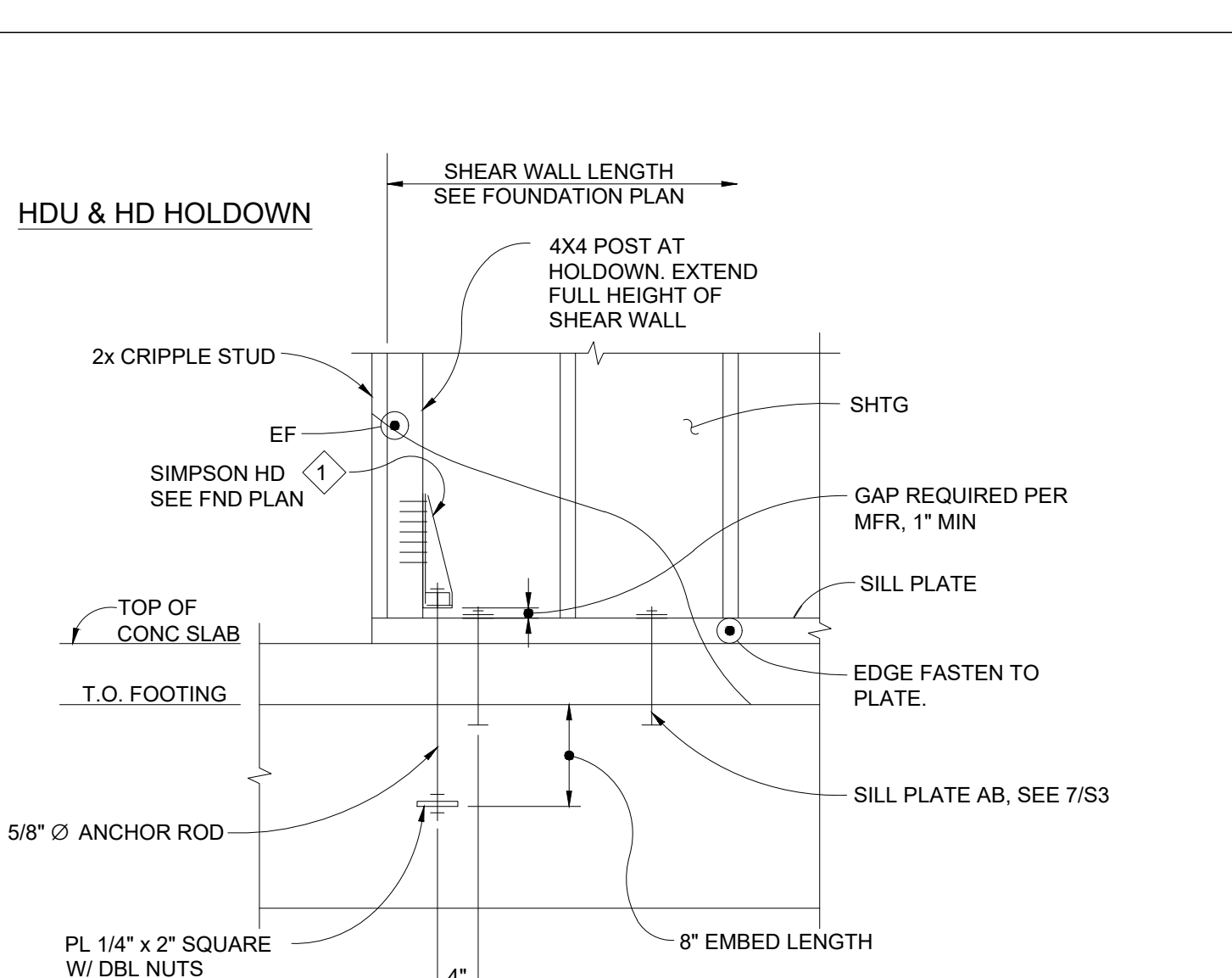
BAR SIZE	f _c =3000 PSI	
	OTHER BARS	TOP BARS
#3	16"	18"
#4	18"	24"
#5	24"	30"
#6	36"	42"
#7	42"	54"
#8	54"	72"
#9	66"	84"
#10	78"	102"
#11	96"	120"

NOTES:
 1. LAP SPLICE LOCATIONS MUST BE APPROVED BY THE ENGINEER.
 2. THE TOP BAR LAP SPLICE MUST BE USED FOR HORIZONTAL BARS WHERE THERE IS 12" OR MORE OF FRESH CONCRETE BELOW THE BAR. WALL HORIZONTAL BARS ARE 'TOP BARS'. WALL VERTICAL BARS ARE 'OTHER BARS'.
 3. WHEN TWO BARS OF DIFFERENT SIZES ARE SPLICED, USE THE SHORTER LAP LENGTH.
 4. STAGGER LAP SPLICES OF ADJACENT BARS BY 24".

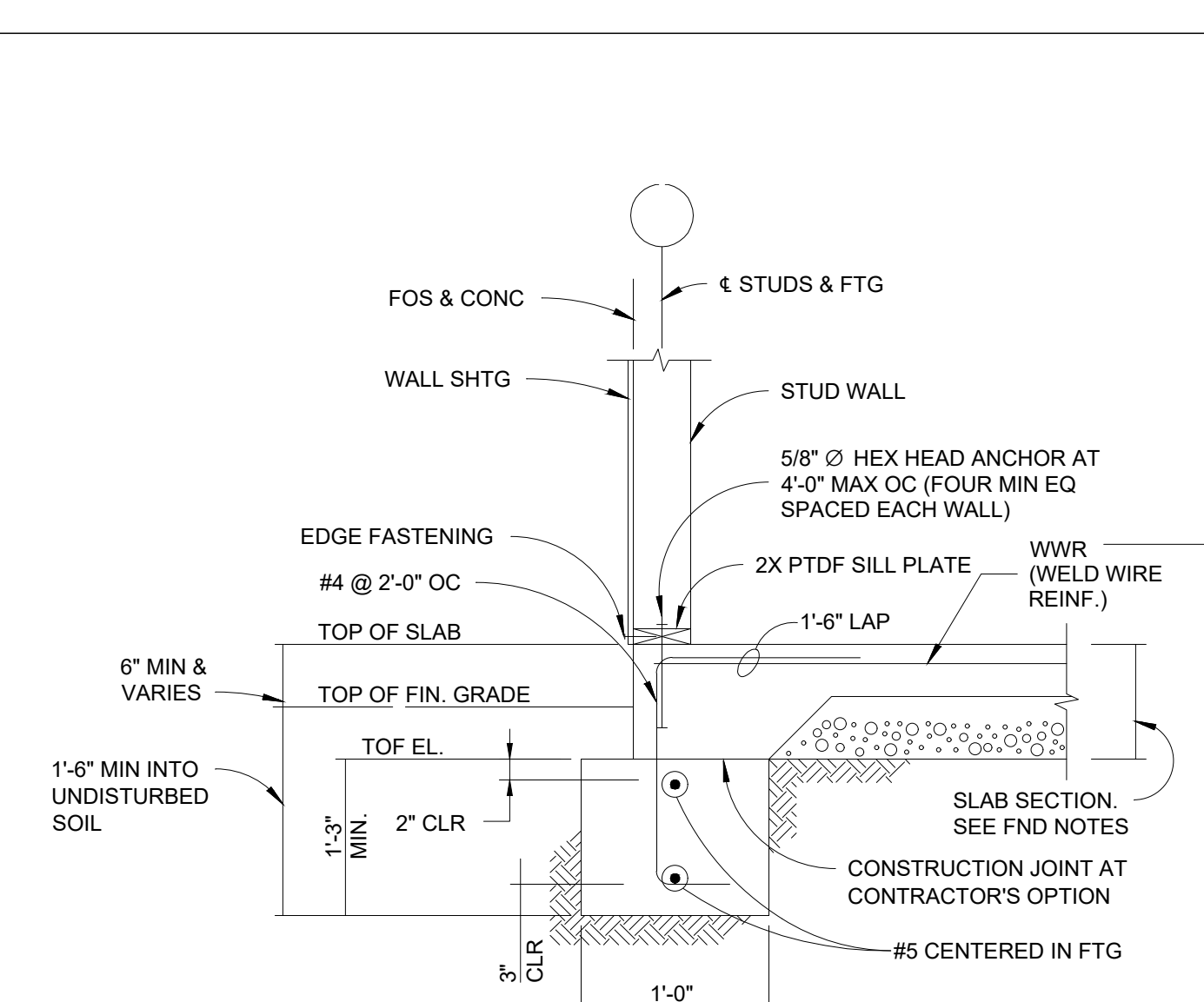
2 LAP SPLICE SCHEDULE1



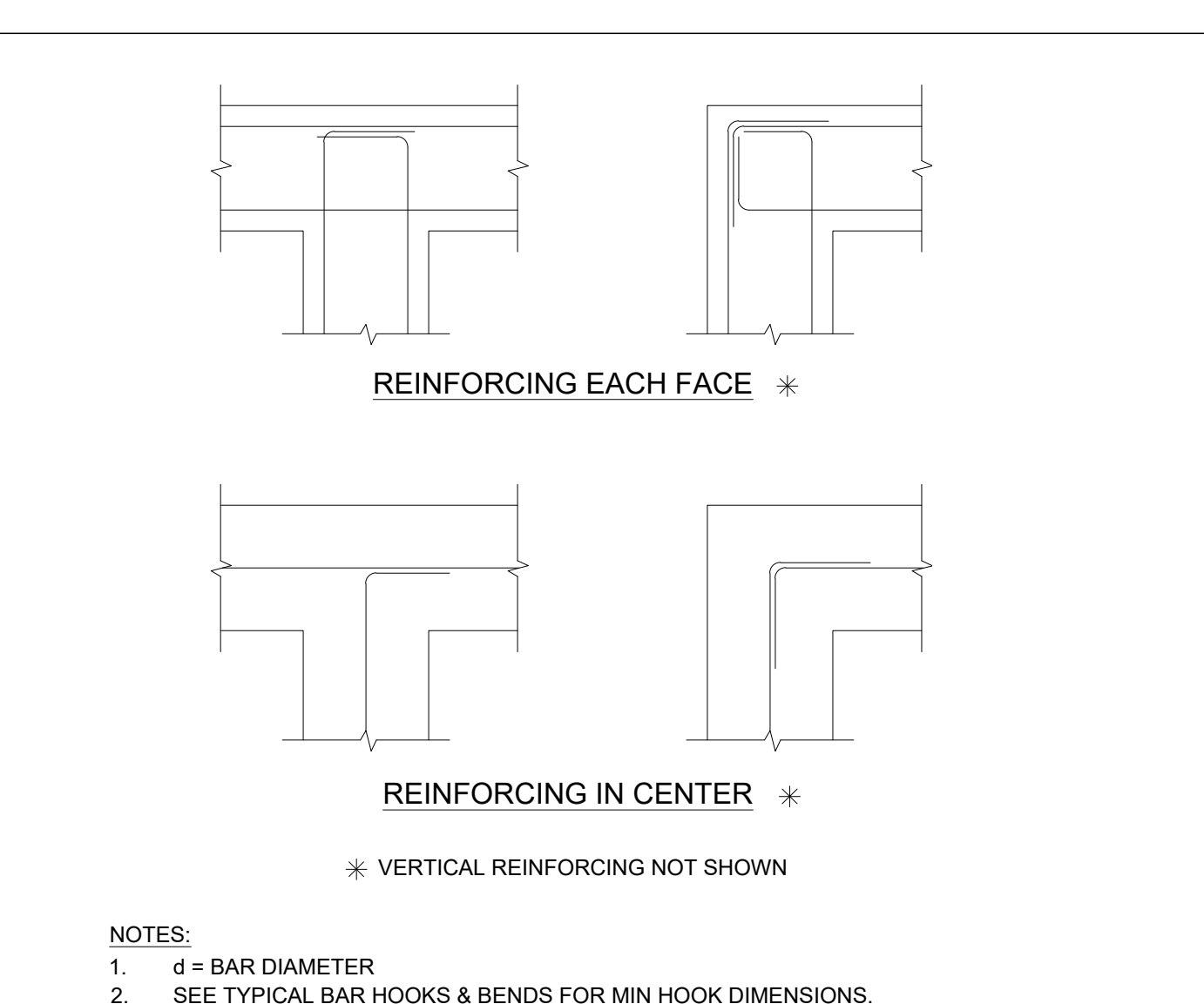
9 TYPICAL PARTITION WALL CONNECTION1



8 TYP. SHEAR WALL HOLDOWN AT FOUNDATION/STEM WALL1



7 FOOTING AND EXTERIOR WALL SECTION



3 FOOTING & WALL INTERSECTIONS1

NO.	DATE	REVISIONS

PROJECT TITLE:

SCC STANDARD
 ADU - 800 SF

Enter address here

COUNTY PERMIT # DEV2X-XXXX

DATE: Issue Date

SHEET TITLE:

SECTIONS AND
 DETAILS

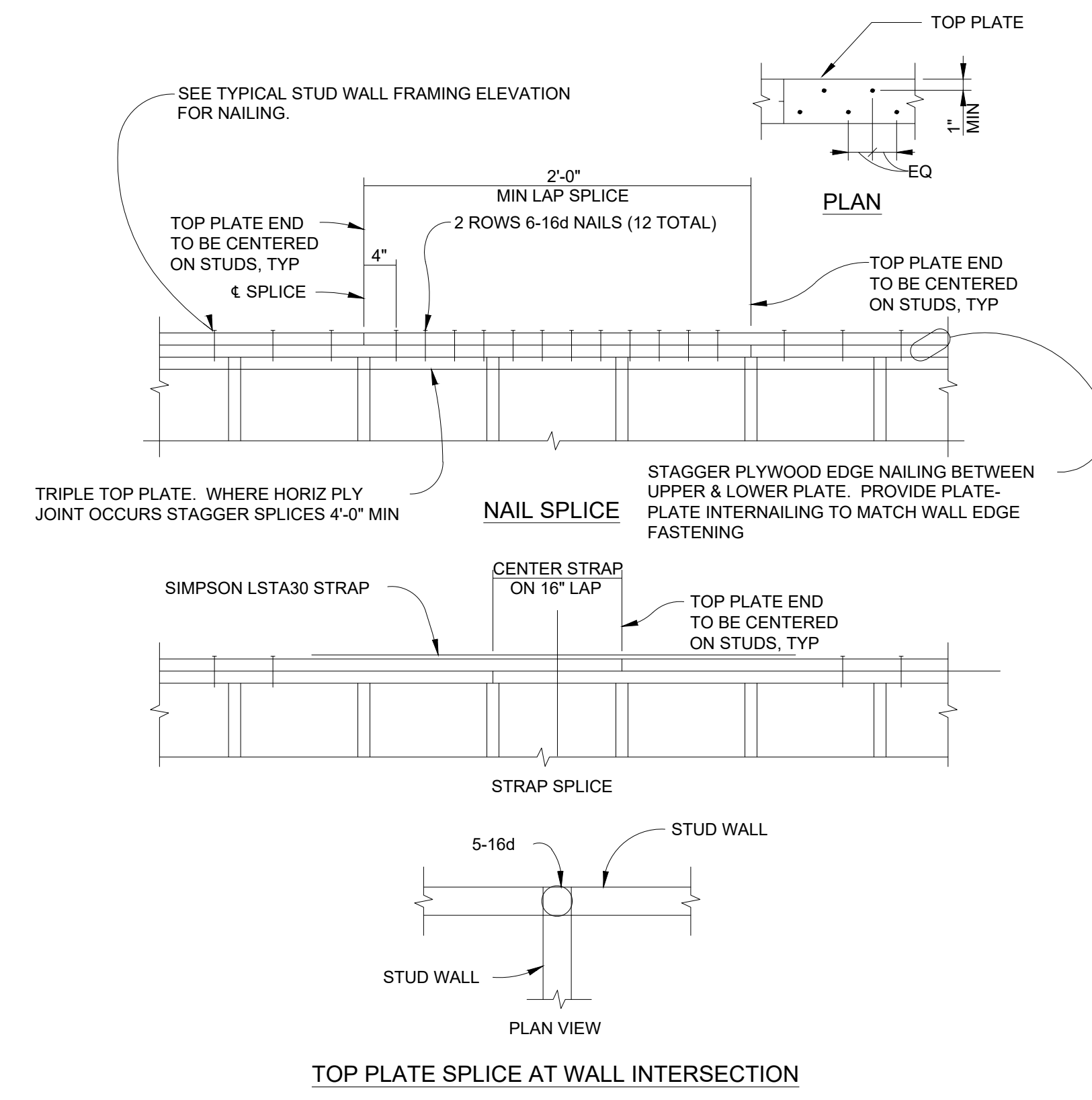
SCALE: As indicated

9/30/2024 3:54:35 PM

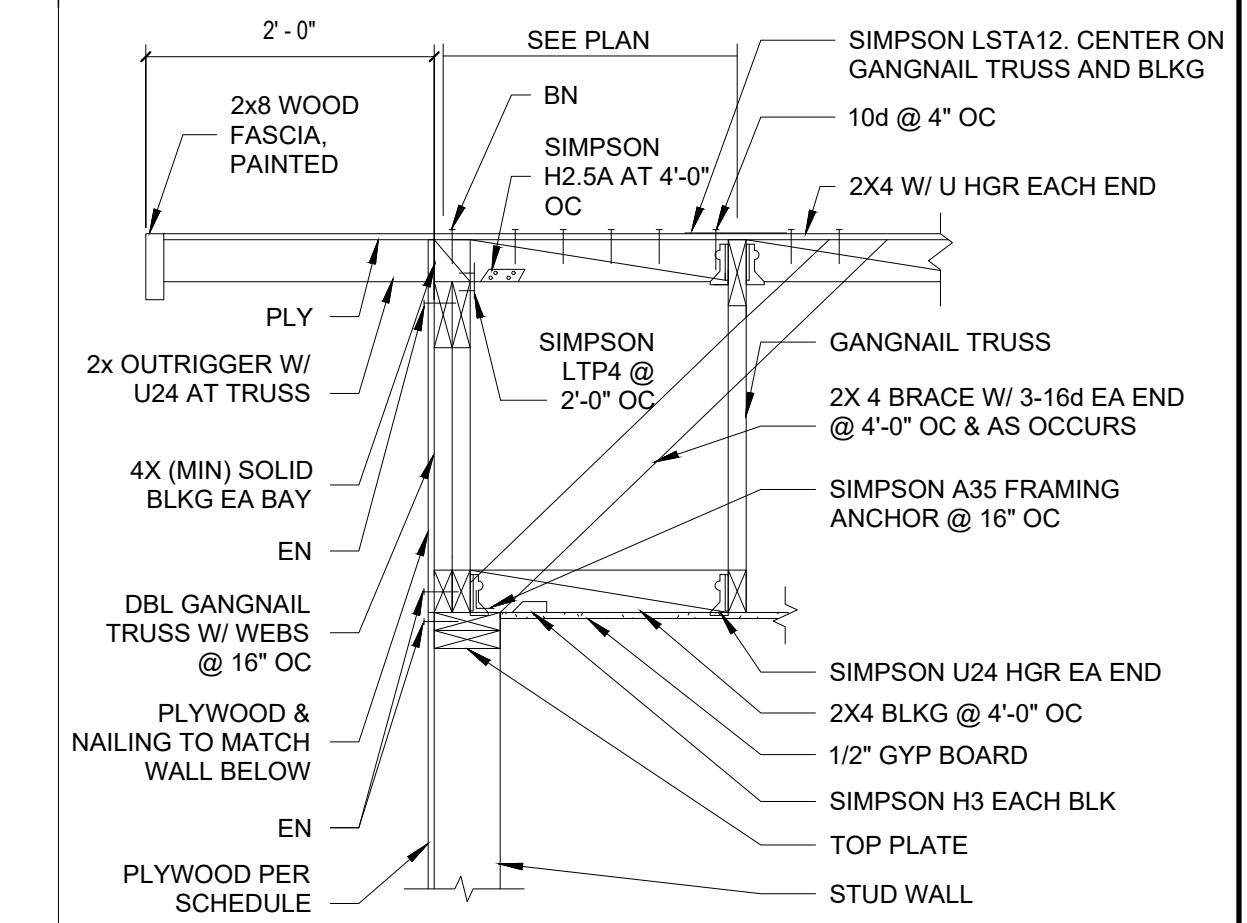


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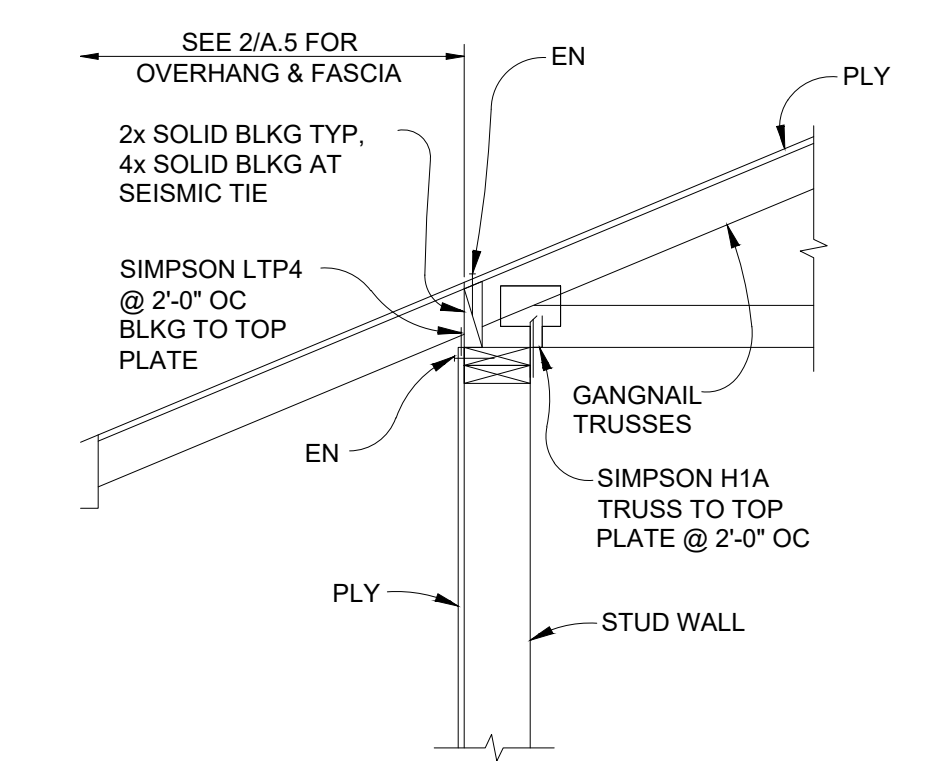
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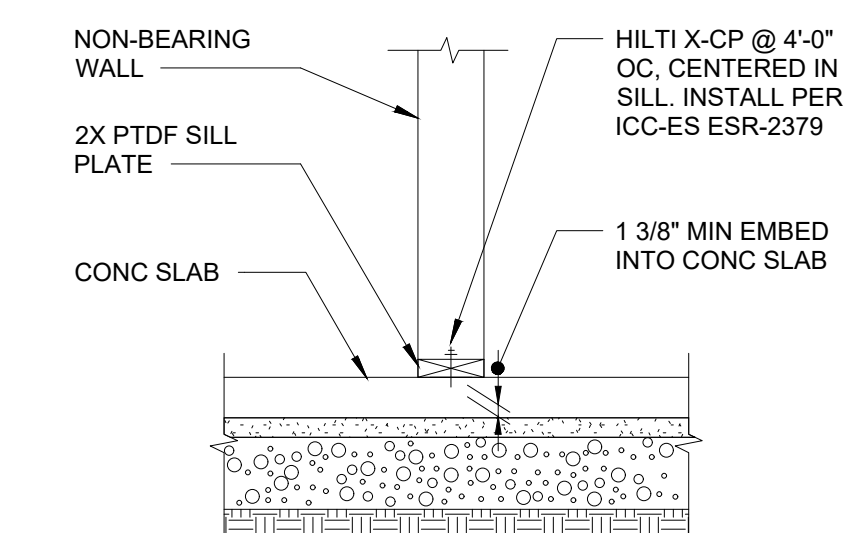
④ TYPICAL PLATE SPLICE 2
 3/4" = 1'-0"



① SECTION 1/S.4
 3/4" = 1'-0"



② SECTION 2/S.4
 3/4" = 1'-0"



③ NON-BEARING WALL TO SLAB SECTION1
 3/4" = 1'-0"

NO.	DATE	REVISIONS

PROJECT TITLE:

**SCC STANDARD
 ADU - 800 SF**

Enter address here

COUNTY PERMIT # DEV2X-XXXX
 DATE: Issue Date
 SHEET TITLE:

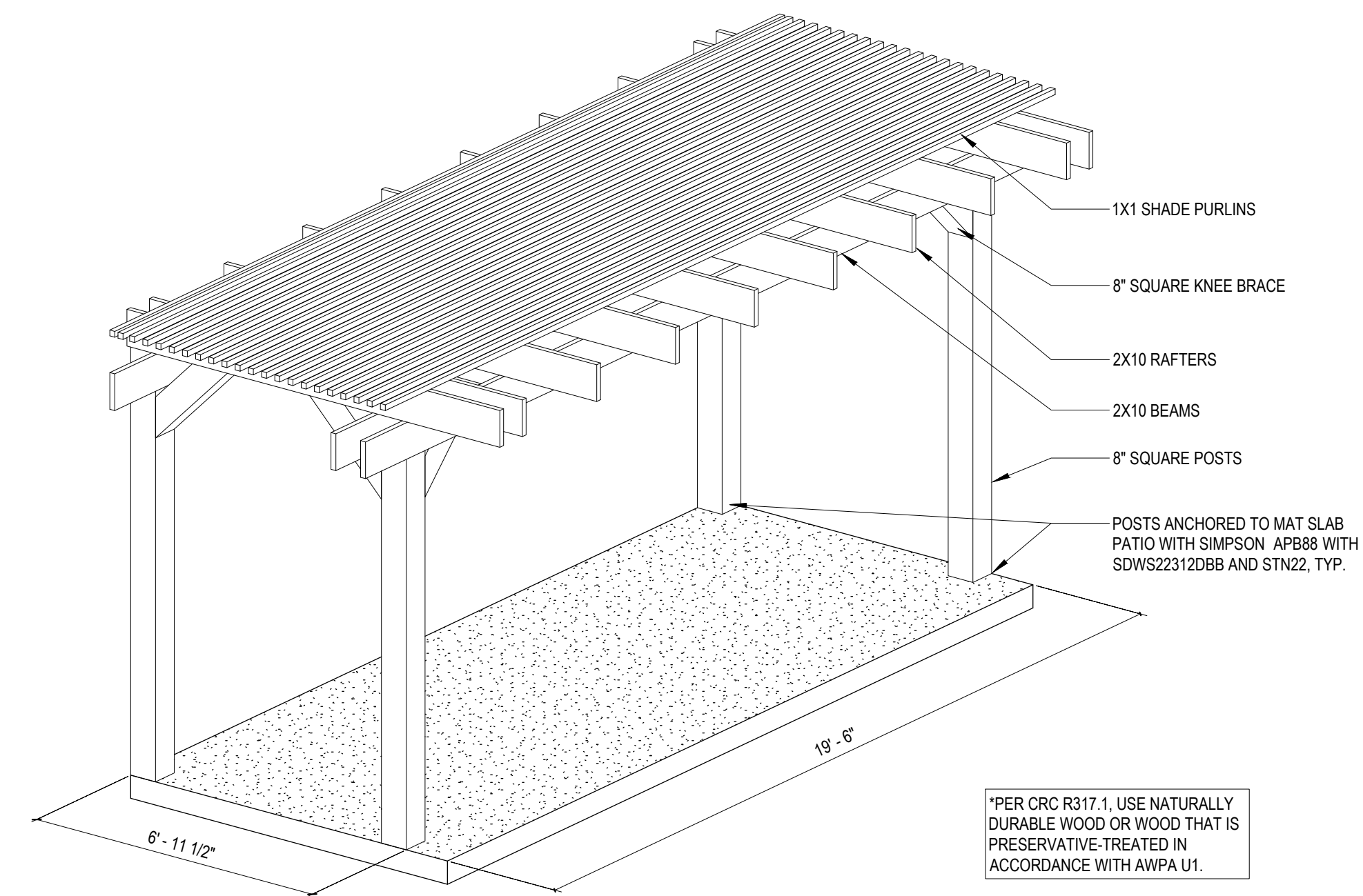
**SECTIONS AND
 DETAILS**

SCALE: As indicated

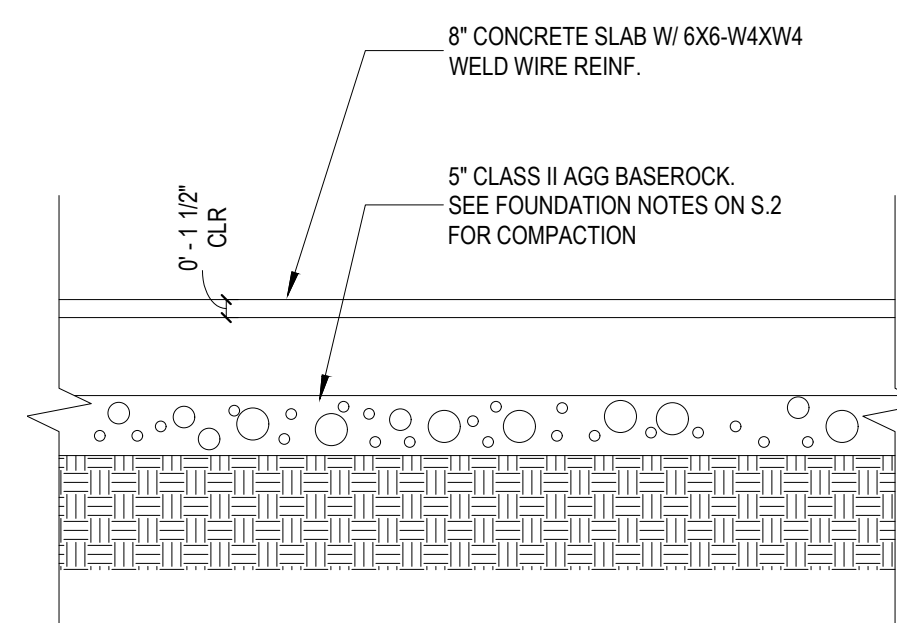


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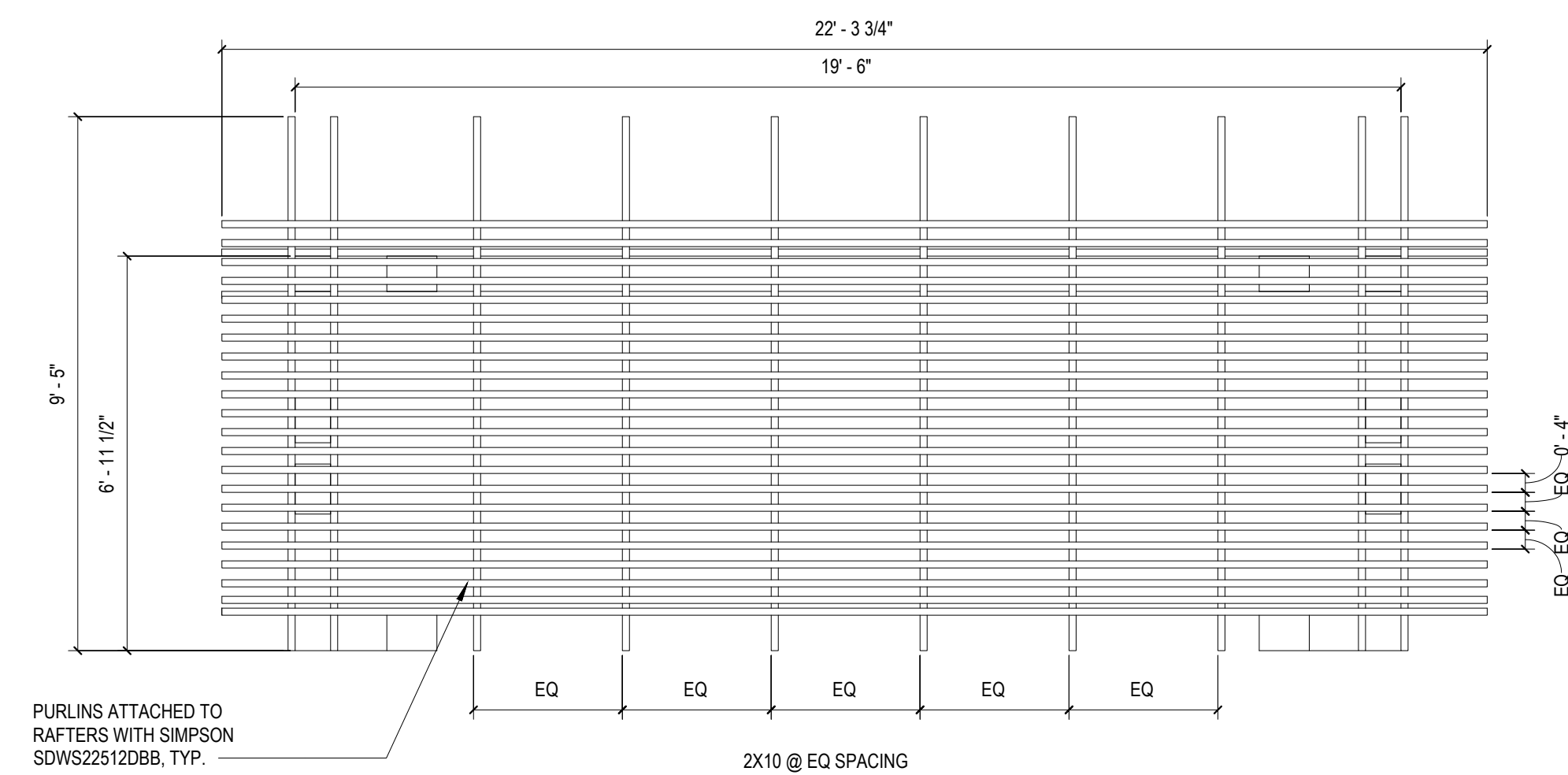
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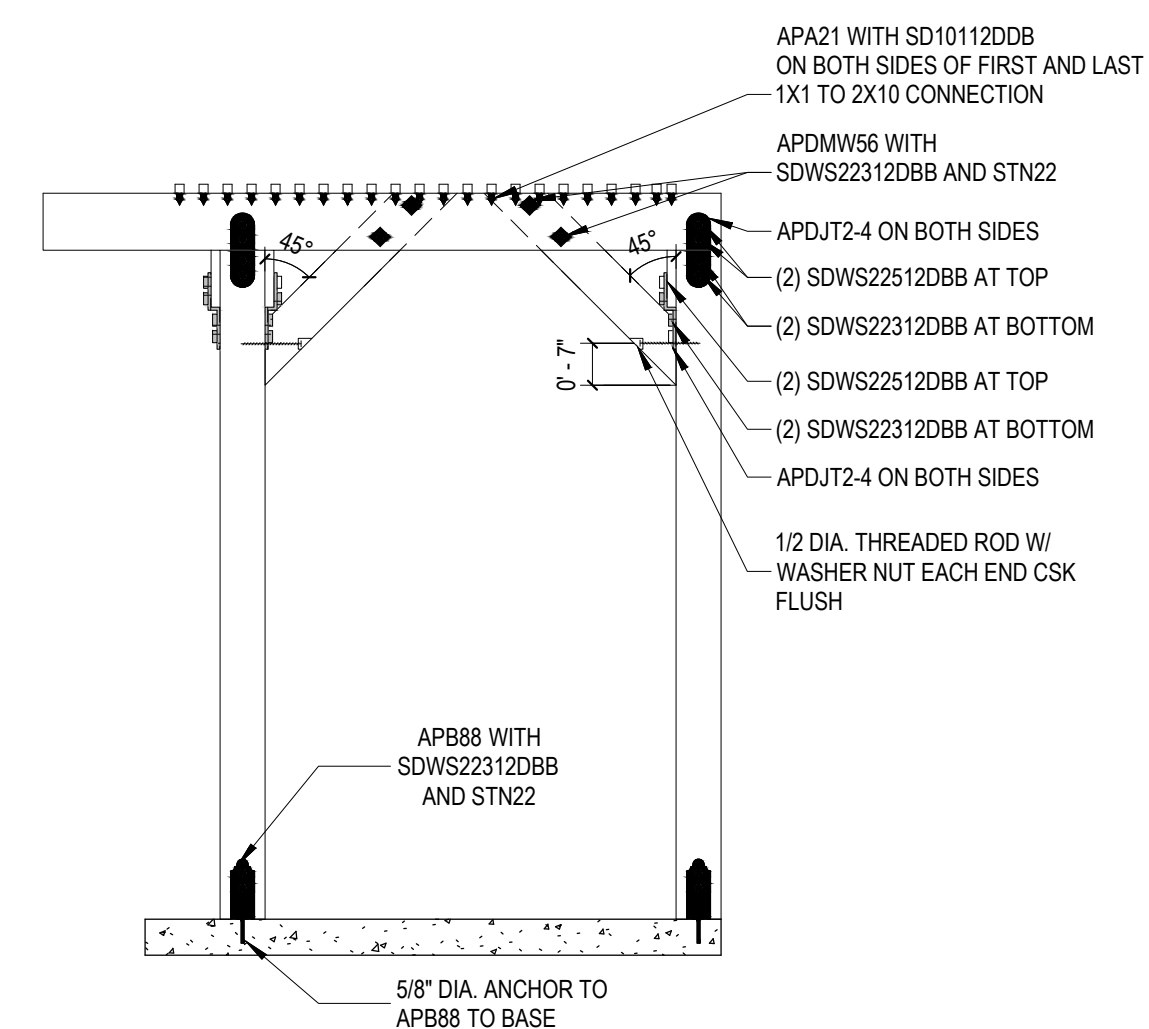
1 OPTIONAL EXAMPLE PERGOLA ISOMETRIC
 3/8" = 1'-0"



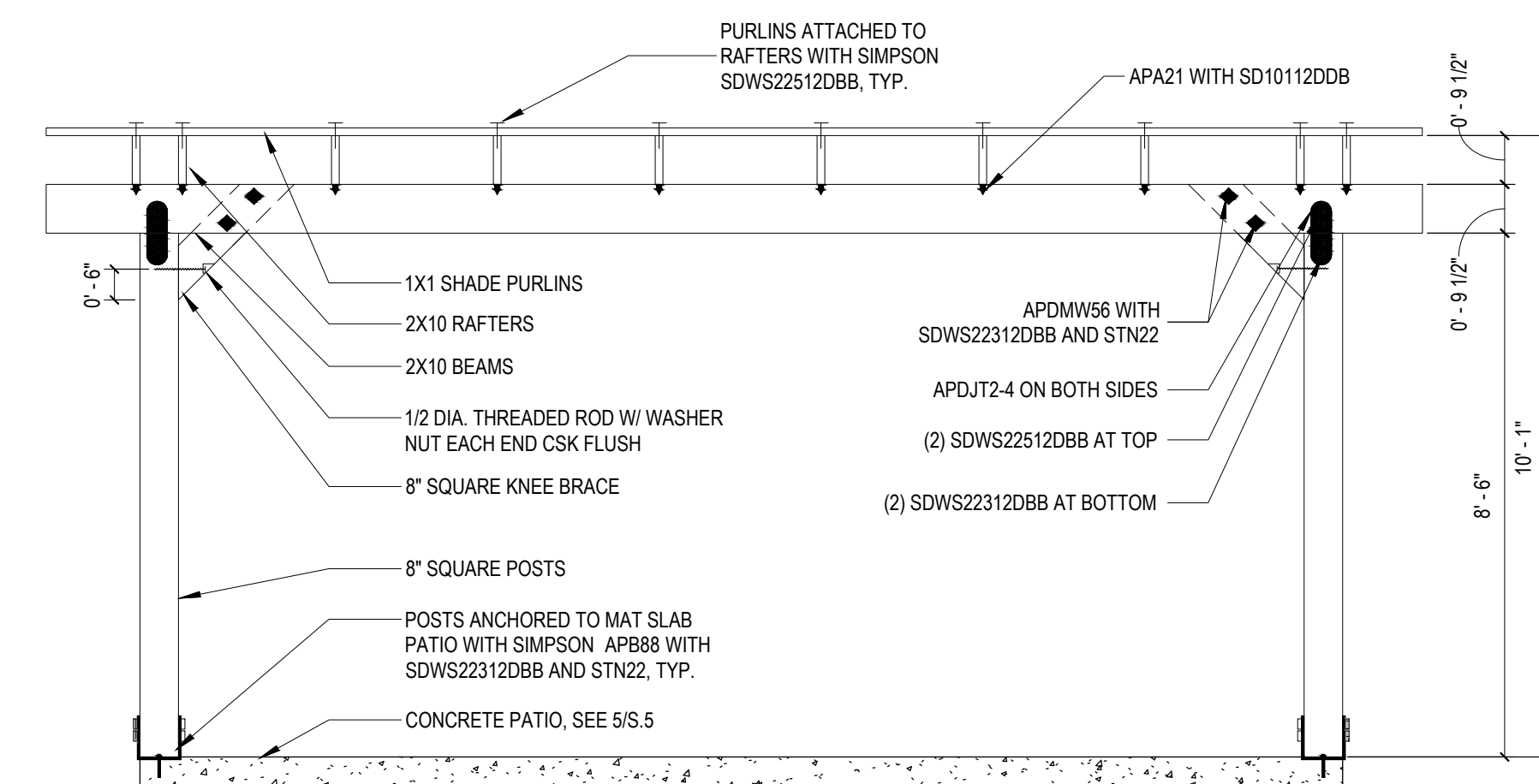
5 PATIO MAT SLAB
 3/4" = 1'-0"



2 OPTIONAL EXAMPLE PERGOLA - ROOF PLAN
 3/8" = 1'-0"



6 PERGOLA - LEFT ELEVATION
 3/8" = 1'-0"



3 PERGOLA - FRONT ELEVATION
 3/8" = 1'-0"

NO.	DATE	REVISIONS

PROJECT TITLE:

**SCC STANDARD
 ADU - 800 SF**

Enter address here

COUNTY PERMIT # DEV2X-XXXX

DATE: Issue Date

SHEET TITLE:

**EXTERIOR OPTION
 DETAILS**

SCALE: As indicated



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CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD
 Project Name: ADU 800 sf Standard
 Calculation Date/Time: 2024-07-17T12:02:35-07:00
 Input File Name: ADU 800 sf Standard 71724.rbd22x
 CF1R-PRF-01-E (Page 5 of 11)

HERS FEATURE SUMMARY

The following is a summary of the features that must be field-verified by a certified HERS Rater as a condition for meeting the modeled energy performance for this computer analysis. Additional detail is provided in the building tables below. Registered CF2Rs and CF3Rs are required to be completed in the HERS Registry

- Quality insulation installation (Qii)
- Indoor air quality ventilation
- Kitchen range hood
- Minimum Airflow
- Verified EER/SEER2
- Verified SEER/SEER2
- Verified Refrigerant Charge
- Fan Efficiency Watts/CFM
- Verified HSPF
- Verified heat pump rated heating capacity
- Duct leakage testing
- Ducts located within the conditioned space (except < 12 linear ft)

BUILDING - FEATURES INFORMATION

01	02	03	04	05	06	07
Project Name	Conditioned Floor Area (ft²)	Number of Dwelling Units	Number of Bedrooms	Number of Bathrooms	Number of Ventilation Cooling Systems	Number of Water Heating Systems
ADU 800 sf Standard	800	1	2	1	0	1

ZONE INFORMATION

01	02	03	04	05	06	07
Zone Name	Zone Type	HVAC System Name	Zone Floor Area (ft²)	Avg. Ceiling Height	Water Heating System 1	Status
ADU 800 sf	Conditioned	HVAC1	800	8	DHW Sys 1	OK

OPAQUE SURFACES

01	02	03	04	05	06	07	08
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft²)	Window and Door Area (ft²)	Tilt (deg)
Exterior Wall North	ADU 800 sf	R-21 Wall	0	Back	256	51	90
Exterior Wall South	ADU 800 sf	R-21 Wall	180	Front	256	48	90

Registration Number: 224-P010091173A-000-000-0000000-0000
 Registration Date/Time: 2024-07-17 19:43:32
 HERS Provider: CalCERTS, Inc.
 CA Building Energy Efficiency Standards - 2022 Residential Compliance
 Report Version: 2022.0.000
 Schema Version: rev 20220901
 Report Generated: 2024-07-17 12:03:07

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD
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 Input File Name: ADU 800 sf Standard 71724.rbd22x
 CF1R-PRF-01-E (Page 3 of 11)

ENERGY USE SUMMARY

Energy Use	Standard Design Source Energy (EDR1) (kBtu/ft²-yr)	Standard Design TDV Energy (EDR2) (kTDV/ft²-yr)	Proposed Design Source Energy (EDR1) (kBtu/ft²-yr)	Proposed Design TDV Energy (EDR2) (kTDV/ft²-yr)	Compliance Margin (EDR1)	Compliance Margin (EDR2)
Space Heating	1.82	8.24	1.38	10.87	0.44	-2.63
Space Cooling	0.68	24.78	0.18	10.54	0.5	14.24
IAQ Ventilation	0.44	4.76	0.44	4.76	0	0
Water Heating	2.87	29.91	2.34	24.72	0.53	5.19
Self Utilization/Flexibility Credit			0	0	0	0
Efficiency Compliance Total	5.81	67.69	4.34	50.89	1.47	16.8
Photovoltaics	-2.16	-74.37	-5.47	-178.17		
Battery			0	0		
Flexibility			0			
Indoor Lighting	0.93	9.18	0.93	9.18		
Appl. & Cooking	4.64	58.67	4.61	58.31		
Plug Loads	5.65	58.8	5.65	58.8		
Outdoor Lighting	0.21	1.87	0.21	1.87		
TOTAL COMPLIANCE	15.08	121.84	10.27	0.88		

Registration Number: 224-P010091173A-000-000-0000000-0000
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CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD
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 Input File Name: ADU 800 sf Standard 71724.rbd22x
 CF1R-PRF-01-E (Page 1 of 11)

GENERAL INFORMATION

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		
Project Name	ADU 800 sf Standard	Run Title	Title 24 Analysis	Project Location	N/A	City	Santa Clara	Standards Version	2022	Software Version	EnergyPro 9.3	Climate Zone	4	Front Orientation (deg/ Cardinal)	180	Building Type	Single family	Number of Dwelling Units	1	Project Scope	Newly Constructed	Number of Bedrooms	2
Zip code	95050	Number of Stories	1	Existing Cond. Floor Area (ft²)	n/a	ADU Conditioned Floor Area	n/a	Fenestration Average U-factor	0.3	Total Cond. Floor Area (ft²)	800	Glazing Percentage (%)	12.37%	ADU Bedroom Count	n/a	Fuel Type	All electric	No Dwelling Unit:	No				

COMPLIANCE RESULTS

01	Building Complies with Computer Performance
02	This building incorporates features that require field testing and/or verification by a certified HERS rater under the supervision of a CEC-approved HERS provider.
03	This building incorporates one or more Special Features shown below

Registration Number: 224-P010091173A-000-000-0000000-0000
 Registration Date/Time: 2024-07-17 19:43:32
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CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD
 Project Name: ADU 800 sf Standard
 Calculation Date/Time: 2024-07-17T12:02:35-07:00
 Input File Name: ADU 800 sf Standard 71724.rbd22x
 CF1R-PRF-01-E (Page 6 of 11)

OPAQUE SURFACES

01	02	03	04	05	06	07	08
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft²)	Window and Door Area (ft²)	Tilt (deg)
Exterior Wall East	ADU 800 sf	R-21 Wall	90	Right	200	0	90
Exterior Wall West	ADU 800 sf	R-21 Wall	270	Left	200	0	90
Roof	ADU 800 sf	R-38 HP Attic	n/a	n/a	800	n/a	n/a

ATTIC

01	02	03	04	05	06	07	08
Name	Construction	Type	Roof Rise (x in 12)	Roof Reflectance	Roof Emittance	Radiant Barrier	Cool Roof
Attic ADU 800 sf	Attic Roof/ADU 800 sf	Ventilated	4	0.1	0.85	Yes	No

FENESTRATION / GLAZING

01	02	03	04	05	06	07	08	09	10	11	12	13	14
Name	Type	Surface	Orientation	Azimuth	Width (ft)	Height (ft)	Mult.	Area (ft²)	U-factor	U-factor Source	SHGC	SHGC Source	Exterior Shading
Window	Window	Exterior Wall North	Back	0	1	51	0.3	NFRG	0.23	NFRG	Bug Screen		
Window 2	Window	Exterior Wall South	Front	180	1	48	0.3	NFRG	0.23	NFRG	Bug Screen		

SLAB FLOORS

01	02	03	04	05	06	07	08
Name	Zone	Area (ft²)	Perimeter (ft)	Edge Insul. R-value and Depth	Edge Insul. R-value and Depth	Carpeted Fraction	Heated
Slab-on-Grade	ADU 800 sf	800	114	none	0	80%	No

Registration Number: 224-P010091173A-000-000-0000000-0000
 Registration Date/Time: 2024-07-17 19:43:32
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CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD
 Project Name: ADU 800 sf Standard
 Calculation Date/Time: 2024-07-17T12:02:35-07:00
 Input File Name: ADU 800 sf Standard 71724.rbd22x
 CF1R-PRF-01-E (Page 4 of 11)

ENERGY USE INTENSITY

	Standard Design (kBtu/ft²-yr)	Proposed Design (kBtu/ft²-yr)	Compliance Margin (kBtu/ft²-yr)	Margin Percentage
Gross EUI ¹	23.24	21.06	2.18	9.38
Net EUI ²	9.86	2.63	22.59	226.81

Notes:
 1. Gross EUI is Energy Use Total (not including PV) / Total Building Area.
 2. Net EUI is Energy Use Total (including PV) / Total Building Area.

REQUIRED PV SYSTEMS

01	02	03	04	05	06	07	08	09	10	11	12
DC System Size (kWdc)	Exception	Module Type	Array Type	Power Electronics	CFI	Azimuth (deg)	Tilt Input (deg)	Array Angle (deg)	Tilt: (x in 12)	Inverter Eff. (%)	Annual Solar Access (%)
4.99	NA	Standard (14-17%)	Fixed	none	true	150-270	14	14	1:7-12	96	98

BATTERY SYSTEMS

01	02	03	04	05	06	07
Control	Capacity (kWh)	Charging Efficiency	Charging Rate (kW)	Discharging Efficiency	Discharging Rate (kW)	Round Trip Efficiency
Basic	5	0.95	n/a	0.95	n/a	0

REQUIRED SPECIAL FEATURES

The following are features that must be installed as condition for meeting the modeled energy performance for this computer analysis.

- Battery System: 5 kWh
- Insulation above roof deck
- Insulation below roof deck
- Non-standard duct location (any location other than attic)
- Northwest Energy Efficiency Alliance (NEEA) rated heat pump water heater; specific brand/model, or equivalent, must be installed

Registration Number: 224-P010091173A-000-000-0000000-0000
 Registration Date/Time: 2024-07-17 19:43:32
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CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD
 Project Name: ADU 800 sf Standard
 Calculation Date/Time: 2024-07-17T12:02:35-07:00
 Input File Name: ADU 800 sf Standard 71724.rbd22x
 CF1R-PRF-01-E (Page 2 of 11)

ENERGY DESIGN RATINGS

	Energy Design Ratings			Compliance Margins		
	Source Energy (EDR1)	Efficiency ¹ EDR (EDR2efficiency)	Total ² EDR (EDR2total)	Source Energy (EDR1)	Efficiency ¹ EDR (EDR2efficiency)	Total ² EDR (EDR2total)
Standard Design	34.4	43.2	39.1			
Proposed Design	23.4	32.4	0.3	11	10.8	38.8

RESULT³: PASS

¹Efficiency EDR includes improvements like a better building envelope and more efficient equipment
²Total EDR includes efficiency and demand response measures such as photovoltaic (PV) system and batteries
³Building complies when source energy, efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded

- Standard Design PV Capacity: 1.97 kWdc
- Proposed PV kWh output exceeds proposed electricity use by 60% which may violate NEM Rules. Contact local utility.
- PV System resized to 4.99 kWdc (a factor of 4.988) to achieve "Maximum PV for Compliance Credit" PV scaling.

Registration Number: 224-P010091173A-000-000-0000000-0000
 Registration Date/Time: 2024-07-17 19:43:32
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 CA Building Energy Efficiency Standards - 2022 Residential Compliance
 Report Version: 2022.0.000
 Schema Version: rev 20220901
 Report Generated: 2024-07-17 12:03:07

NO. DATE REVISIONS

NO.	DATE	REVISIONS

PROJECT TITLE:
**SCC STANDARD
 ADU - 800 SF**
 Enter address here

COUNTY PERMIT # DEV2X-XXXX
 DATE: Issue Date
 SHEET TITLE:

TITLE 24 (SAMPLE ONLY)

SCALE:

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: ADU 800 sf Standard
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2024-07-17T12:02:35-07:00
Input File Name: ADU 800 sf Standard 71724.ribd22x

CF1R-PRF-01-E
(Page 11 of 11)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I, I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: _____
Signature Date: _____
Company: _____
Address: _____
City/State/Zip: _____

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:
1. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design and construction of this Certificate of Compliance.
2. I certify that the energy features and performance specifications identified on this Certificate of Compliance are consistent with the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
3. The building design features or system design features identified on this Certificate of Compliance are consistent with the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations, and the calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

Responsible Designer Name: _____
Date Signed: _____
Company: _____
Address: _____
City/State/Zip: _____

Digitally signed by CaCERTS. This digital signature is provided in order to secure the content of this registered document, and in no way implies Registration Provider responsibility for the accuracy of the information.



Registration Number: 224-P010091173A-000-000-0000000-0000
Registration Date/Time: 2024-07-17 19:43:32
HERS Provider: CaCERTS Inc.
CA Building Energy Efficiency Standards - 2022 Residential Compliance
Report Version: 2022.0.000
Schema Version: rev 20220901
Report Generated: 2024-07-17 12:03:07

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: ADU 800 sf Standard
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2024-07-17T12:02:35-07:00
Input File Name: ADU 800 sf Standard 71724.ribd22x

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HVAC - HEAT PUMPS table with columns 01-13. Includes Name, System Type, Number of Units, Heating Efficiency Type, Cooling Efficiency Type, Zonally Controlled, Compressor Type, and HERS Verification.

HVAC HEAT PUMPS - HERS VERIFICATION table with columns 01-09. Includes Name, Verified Airflow, Airflow Target, Verified EER/EER2, Verified SEER/SEER2, Verified Refrigerant Charge, Verified HSPF/HSPF2, Verified Heating Cap 47, and Verified Heating Cap 17.

HVAC - DISTRIBUTION SYSTEMS table with columns 01-12. Includes Name, Type, Design Type, Duct Ins. R-value, Duct Location, Surface Area, Bypass Duct, Duct Leakage, and HERS Verification.

Registration Number: 224-P010091173A-000-000-0000000-0000
Registration Date/Time: 2024-07-17 19:43:32
HERS Provider: CaCERTS Inc.
CA Building Energy Efficiency Standards - 2022 Residential Compliance
Report Version: 2022.0.000
Schema Version: rev 20220901
Report Generated: 2024-07-17 12:03:07

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: ADU 800 sf Standard
Calculation Description: Title 24 Analysis

Calculation Date/Time: 2024-07-17T12:02:35-07:00
Input File Name: ADU 800 sf Standard 71724.ribd22x

CF1R-PRF-01-E
(Page 7 of 11)

OPAQUE SURFACE CONSTRUCTIONS table with columns 01-08. Includes Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior / Exterior Continuous R-value, U-factor, and Assembly Layers.

BUILDING ENVELOPE - HERS VERIFICATION table with columns 01-05. Includes Quality Insulation Installation (QII), High R-value Spray Foam Insulation, Building Envelope Air Leakage, CFM50, and CFM50.

WATER HEATING SYSTEMS table with columns 01-09. Includes Name, System Type, Distribution Type, Water Heater Name, Number of Units, Solar Heating System, Compact Distribution, HERS Verification, and Water Heater Name #.

Registration Number: 224-P010091173A-000-000-0000000-0000
Registration Date/Time: 2024-07-17 19:43:32
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CA Building Energy Efficiency Standards - 2022 Residential Compliance
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CF1R-PRF-01-E
(Page 10 of 11)

HVAC DISTRIBUTION - HERS VERIFICATION table with columns 01-09. Includes Name, Duct Leakage Verification, Duct Leakage Target (%), Verified Duct Location, Verified Duct Design, Buried Ducts, Deeply Buried Ducts, Low-leakage Air Handler, and Low Leakage Ducts Entirely in Conditioned Space.

HVAC - FAN SYSTEMS table with columns 01-04. Includes Name, Type, Fan Power (Watts/CFM), and Name.

HVAC FAN SYSTEMS - HERS VERIFICATION table with columns 01-03. Includes Name, Verified Fan Watt Draw, and Name.

INDOOR AIR QUALITY (IAQ) FANS table with columns 01-08. Includes Dwelling Unit, Airflow (CFM), Fan Efficacy (W/CFM), IAQ Fan Type, Includes Heat/Energy Recovery?, IAQ Recovery Effectiveness - SRE/ASRE, Includes Fault Indicator Display?, HERS Verification, and Status.

Registration Number: 224-P010091173A-000-000-0000000-0000
Registration Date/Time: 2024-07-17 19:43:32
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CF1R-PRF-01-E
(Page 8 of 11)

WATER HEATERS - NEEA HEAT PUMP table with columns 01-08. Includes Name, # of Units, Tank Vol. (gal), NEEA Heat Pump Brand, NEEA Heat Pump Model, Tank Location, Duct Inlet Air Source, and Duct Outlet Air Source.

WATER HEATING - HERS VERIFICATION table with columns 01-07. Includes Name, Pipe Insulation, Parallel Piping, Compact Distribution, Compact Distribution Type, Recirculation Control, and Shower Drain Water Heat Recovery.

SPACE CONDITIONING SYSTEMS table with columns 01-09. Includes Name, System Type, Heating Unit Name, Heating Equipment Count, Cooling Unit Name, Cooling Equipment Count, Fan Name, Distribution Name, and Required Thermostat Type.

Registration Number: 224-P010091173A-000-000-0000000-0000
Registration Date/Time: 2024-07-17 19:43:32
HERS Provider: CaCERTS Inc.
CA Building Energy Efficiency Standards - 2022 Residential Compliance
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THE COUNTY OF SANTA CLARA

70 West Hedding Street
East Wing, 7th Floor
San Jose, California 95110
408.299.5700
https://www.santacruzcounty.gov

Table with columns NO., DATE, REVISIONS. Contains a grid for tracking project revisions.

PROJECT TITLE:

SCC STANDARD
ADU - 800 SF

Enter address here

COUNTY PERMIT # DEV2X-XXXX

DATE: Issue Date

SHEET TITLE:

TITLE 24 (SAMPLE ONLY)

SCALE:

T.2



2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code (e.g., § 150.0(s), § 150.0(t), § 150.0(u), § 150.0(v)) and Description (e.g., Energy Storage System (ESS) Ready, Heat Pump Space Heater Ready, Electric Cooktop Ready, Electric Clothes Dryer Ready).

SAMPLE ONLY. APPLICANT SHALL PROVIDE ENERGY CERTIFICATION

5/6/22



2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code (e.g., § 150.0(m)13) and Description (Space Conditioning System Airflow Rate and Fan Efficacy).

Table with 2 columns: Code (e.g., § 150.0(o)1, § 150.0(o)1B, § 150.0(o)1C, § 150.0(o)1G, § 150.0(o)1H4, § 150.0(o)2) and Description (Ventilation and Indoor Air Quality, Whole-Dwelling Unit Mechanical Ventilation, Local Mechanical Exhaust, Airflow Measurement and Sound Ratings, Field Verification and Diagnostic Testing).

Table with 2 columns: Code (e.g., § 110.4(a), § 110.4(b)1, § 110.4(b)2, § 110.4(b)3, § 110.5, § 150.0(p)) and Description (Pool and Spa Systems and Equipment, Certification by Manufacturers, Piping, Covers, Directional Inlets and Time Switches for Pools, Pilot Light, Pool Systems and Equipment Installation).

Table with 2 columns: Code (e.g., § 110.9, § 150.0(k)1A, § 150.0(k)1B, § 150.0(k)1C, § 150.0(k)1D, § 150.0(k)1E, § 150.0(k)1F) and Description (Lighting Controls and Components, Luminaire Efficacy, Recessed Downlight Luminaires, Light Sources in Enclosed or Recessed Luminaires, Blank Electrical Boxes, Lighting Integral to Exhaust Fans).

5/6/22



2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code (e.g., § 150.0(k)1G, § 150.0(k)1H, § 150.0(k)1I, § 150.0(k)2A, § 150.0(k)2B, § 150.0(k)2A, § 150.0(k)2B, § 150.0(k)2C, § 150.0(k)2D, § 150.0(k)2A, § 150.0(k)2E, § 150.0(k)2F, § 150.0(k)2G, § 150.0(k)3A, § 150.0(k)4, § 150.0(k)5) and Description (Screw based luminaires, Light Sources in Enclosed or Recessed Luminaires, Light Sources in Drawers, Cabinets, and Linen Closets, Interior Switches and Controls, Accessible Controls, Multiple Controls, Energy Management Control Systems, Automatic Shutoff Controls, Dimmers, Independent controls, Residential Outdoor Lighting, Internally Illuminated address signs, Residential Garages for Eight or More Vehicles).

Table with 2 columns: Code (e.g., § 110.10(a)1, § 110.10(b)2, § 110.10(b)3A, § 110.10(b)3B, § 110.10(b)4, § 110.10(c), § 110.10(d), § 110.10(e)1, § 110.10(e)2) and Description (Solar Readiness, Single-family Residences, Minimum Solar Zone Area, Azimuth, Shading, Structural Design Loads on Construction Documents, Interconnection Pathways, Main Electrical Service Panel).

5/6/22



2022 Single-Family Residential Mandatory Requirements Summary

NOTE: Single-family residential buildings subject to the Energy Codes must comply with all applicable mandatory measures, regardless of the compliance approach used. Review the respective section for more information. (04/2022)

Table with 2 columns: Code (e.g., § 110.6(a)1, § 110.6(a)5, § 110.6(b), § 110.7, § 110.8(a), § 110.8(b), § 110.8(c), § 110.8(d), § 110.8(e), § 150.0(b), § 150.0(c), § 150.0(d), § 150.0(f), § 150.0(g)1, § 150.0(g)2, § 150.0(h), § 110.5(e), § 150.0(e)1, § 150.0(e)2, § 150.0(e)3) and Description (Building Envelope, Air Leakage, Labeling, Field fabricated exterior doors and fenestration products, Insulation Certification by Manufacturers, Insulation Requirements for Heated Slab Floors, Roofing Products Solar Reflectance and Thermal Emittance, Radiant Barrier, Roof Deck, Ceiling and Rafter Roof Insulation, Loose-fill Insulation, Wall Insulation, Masonry walls must meet Tables 150.1-A or B, Raised-floor Insulation, Slab Edge Insulation, Vapor Retarder, Vapor Retarder, Fenestration Products, Fireplaces, Decorative Gas Appliances, and Gas Log, Pilot Light, Closable Doors, Combustion Intake, Flue Damper).

Table with 2 columns: Code (e.g., § 110.0-§ 110.3, § 110.2(a), § 110.2(b), § 110.2(c), § 110.3(c)3, § 110.3(c)6) and Description (Space Conditioning, Water Heating, and Plumbing System, Certification, Heating, ventilation, and air conditioning (HVAC) equipment, HVAC Efficiency, Controls for Heat Pumps with Supplementary Electric Resistance Heaters, Thermostats, Insulation, Unlined service water heater storage tanks, Isolation Valves).

5/6/22



2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code (e.g., § 110.5, § 150.0(h)1, § 150.0(h)3A, § 150.0(h)3B, § 150.0(j)1, § 150.0(j)2, § 150.0(n)1, § 150.0(n)3) and Description (Pilot Lights, Building Cooling and Heating Loads, Clearances, Liquid Line Drier, Water Piping, Solar Water-heating System Piping, and Space Conditioning System Line Insulation, Insulation Protection, Gas or Propane Water Heating Systems).

Table with 2 columns: Code (e.g., § 110.8(d)3, § 150.0(m)1, § 150.0(m)2, § 150.0(m)3, § 150.0(m)7, § 150.0(m)8, § 150.0(m)9, § 150.0(m)10, § 150.0(m)11, § 150.0(m)12) and Description (Ducts and Fans, Ducts, Insulation installed on an existing space-conditioning duct, CMV Compliance, Field-Fabricated Duct Systems, Factory-Fabricated Duct Systems, Field-Fabricated Duct Systems, Backdraft Damper, Gravity Ventilation Dampers, Protection of Insulation, Porous Inner Core Flex Duct, Duct System Sealing and Leakage Test, Air Filtration).

5/6/22



THE COUNTY OF SANTA CLARA

70 West Hedding Street, East Wing, 7th Floor, San Jose, California 95110, 408.299.5700, https://www.santacleara.org

Table with 3 columns: NO., DATE, REVISIONS

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PROJECT TITLE:

SCC STANDARD ADU - 800 SF

Enter address here

COUNTY PERMIT # DEV2X-XXXX

DATE: Issue Date

SHEET TITLE:

TITLE 24 (SAMPLE ONLY)

SCALE: