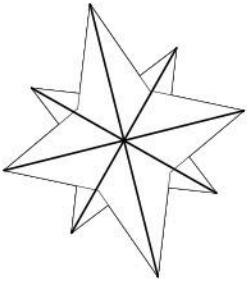
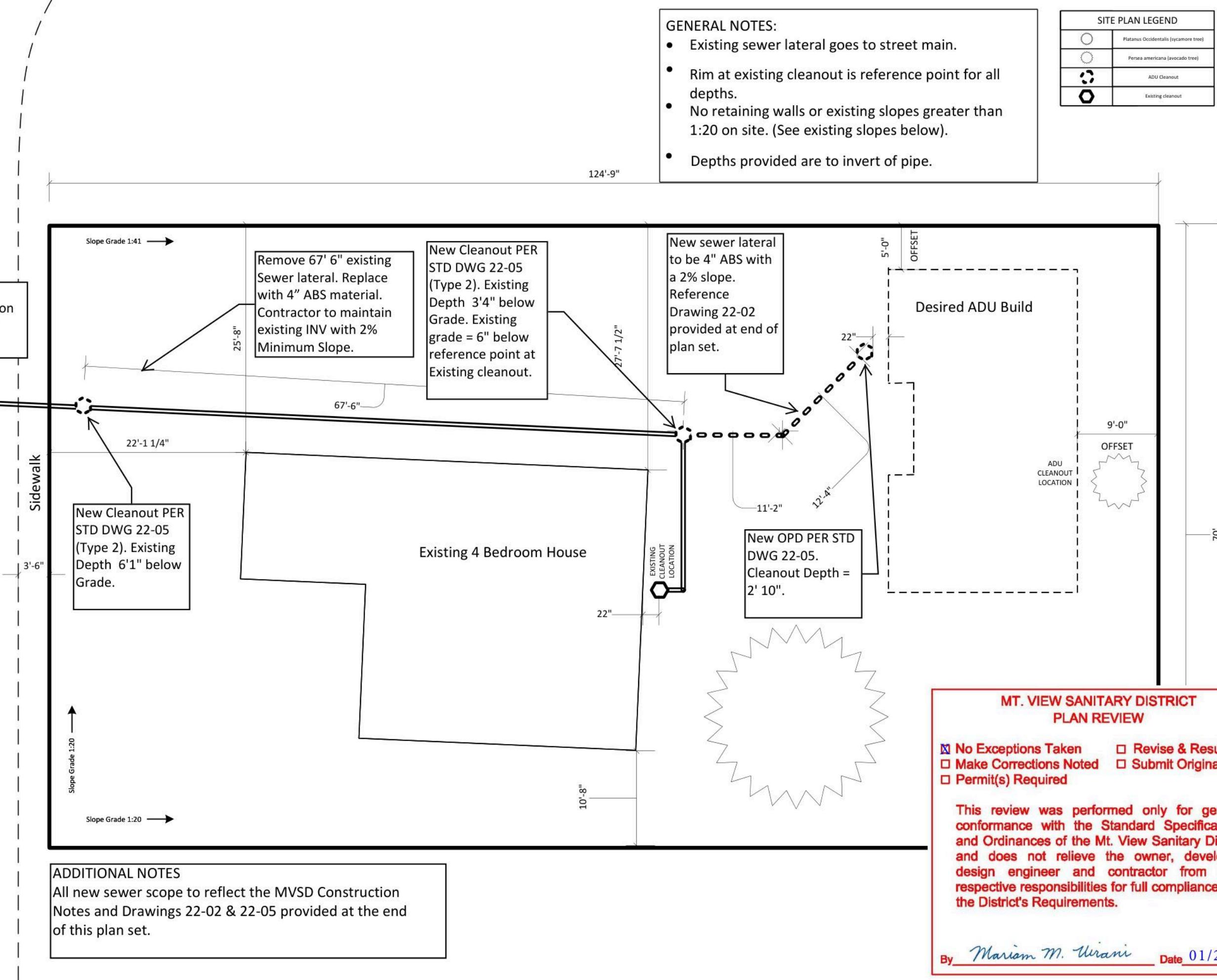


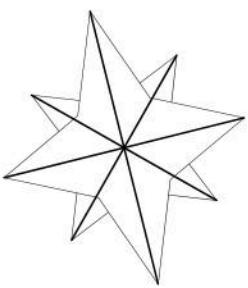
NORTH



WYOMING STREET



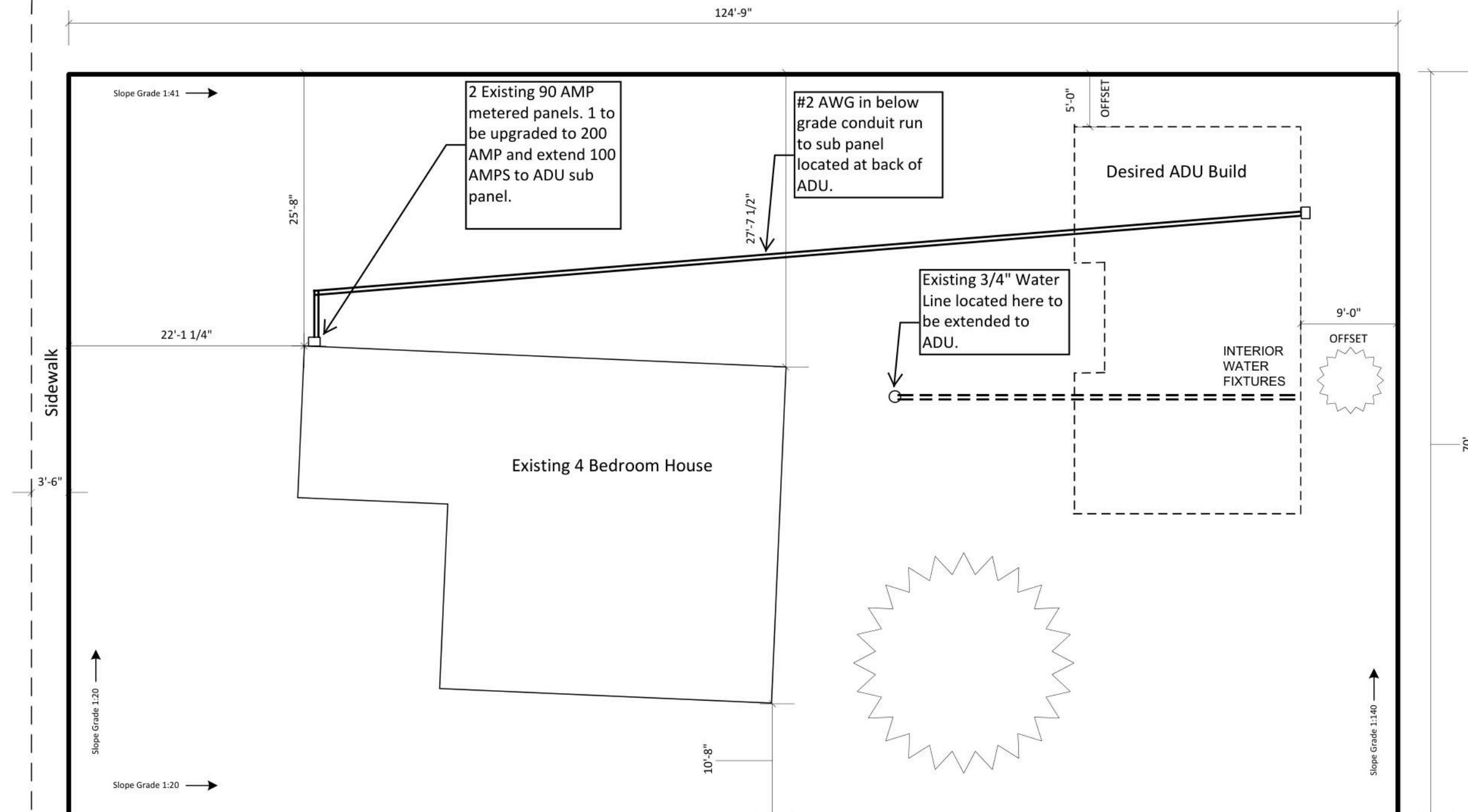
NORTH



ELECTRICAL AND WATER LOCATION SITE PLAN

GENERAL NOTES:

- Existing water line to be extended to ADU.
- One of the existing 90Amp panels to be upgraded to 200 Amp and extended to ADU as shown.



ACCESSORY DWELLING UNIT - 2 BEDROOM

PROJECT DATA:

PROJECT:

OWNER: Jordan Sanelli & Andrew Carter

ADDRESS: 745 Wyoming Street, Martinez CA, 94553

APN NUMBER: 3751210034

STORIES: 1

FIRE SPRINKLERS: NO

SQUARE FOOTAGE: 746 SQ. FT.

TYPE OF CONSTRUCTION: V-B

OCCUPANCY GROUP: R-3

ZONING : Residential Single Family_R-6

CLIMATE ZONE: 12

EXPOSURE CATEGORY: B

SEISMIC DESIGN CATEGORY (D₀, D₁, D₂)

GENERAL NOTES

1. The Contractor shall provide adequate stays and bracing of all framing until all elements of design have been incorporated in the project.
2. Contractor shall field verify all dimensions prior to commencing with new work.
3. Work under this permit does not require Special Inspection or structural observation.
4. If applicable fire walls should be provided and shall comply with section R302.
5. Location of HVAC subject to field inspection.
6. HERS Verification required for the HVAC Cooling, HVAC Distribution, & HVAC Fan Systems per T24 Energy Calculation Documentation. Provide completed CalCerts or CHEERS Project Summary Report (PSR) as evidence of Third Party Verification (HERS) to Building Inspector prior to final inspection.

SITE PLAN NOTES AND REQUIREMENTS

- **Applicant shall provide a site plan for property showing the location of the proposed ADU.**
- Location of the ADU shall comply with all setback and Fire Separation Distance requirements of Martinez MC Title 22
- Site plan shall be drawn to scale. Site Slope shall not exceed 10%.
- Plans are based on 5' minimum Fire Separation Distance.

APPLICABLE BUILDING CODES:

2022 CALIFORNIA BUILDING CODE (CBC)

2022 CALIFORNIA RESIDENTIAL CODE (CRC)

2022 CALIFORNIA PLUMBING CODE (CPC)

2022 CALIFORNIA MECHANICAL CODE (CMC)

2022 CALIFORNIA ELECTRIC CODE (CEC)

2022 CALIFORNIA EXISTING BUILDING CODE (CEBC)

2022 CALIFORNIA ENERGY CODE

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

2022 CALIFORNIA FIRE CODE

MARTINEZ MUNICIPAL CODE TITLE 22.43

SHEET INDEX:

A0.1	COVER SHEET
A0.2	GENERAL NOTES
A1	FLOOR PLAN
A2	ELECTRICAL PLAN
A3	FOUNDATION PLAN
A4	BRACED WALL PLAN
A5	DETAILS
A6	ROOF PLAN
A7	ELEVATIONS

BUILDING STAMP

PLANNING STAMP

COVER PAGE

OWNER'S NAME: Jordan Sanelli & Andrew Carter

PROJECT ADDRESS: 745 Wyoming Street, Martinez CA, 94553

SHEET:

A0.1

CALIFORNIA MECHANICAL CODE NOTES

EXHAUST SYSTEMS

1. Exhaust ducts shall terminate outside the building and be equipped with back draft dampers. (CMC Section 504.1.1)
2. Kitchen range ventilation ducts shall be metal with smooth interior surfaces. (CMC Section 504.3)
3. The clothes dryer shall be exhausted using approved 4" Ø min ducting. The ducting shall not exceed 14' with a maximum of 2-90° elbows, unless permitted by manufacturer instructions and the local jurisdiction. (CMC Section 504.4)
4. No HVAC or water heater vents shall terminate less than 4'-0" below or to the side, or less than 1'-0" above any door or operable window. (CMC Section 802.8.1)

VENTILATION (Per CMC Section 402 & ASHRAE 62.2)

5. Kitchen - 100 cfm (On Demand), 1 SONE, 5" Ø min duct
6. Bathroom - 50 cfm (On Demand), 1 SONE, 4" Ø min duct
- Whole House - Per plans
- Indoor Air Quality Fan - Per plans

APPLIANCES

7. Appliances installed in attics shall be accessible through an opening and passageway at least as large as the largest component of the appliance and not less than 22" X 30" with minimum 30' headroom clearance. The appliance shall be located within 20' of the passageway access when attic has less than 6' headroom. Passageway shall be unobstructed and shall have solid flooring not less than 24" wide from the entrance to the appliance. A permanent 120-volt receptacle outlet and lighting fixture shall be located at the entrance to the passageway. (CMC 304.4, CPC 509.4)

CALIFORNIA RESIDENTIAL CODE NOTES

WINDOWS

1. All new or replaced windows shall be dual glazed with low-E glass. Do not remove NFRC stickers from glazing prior to approved inspection. Bedroom windows shall have a minimum net clear escape opening of 5.7 SF with a minimum net clear opening height of 24" and minimum net clear opening width of 20". The window opening bottom edge shall not be more than 44" above the floor. (CRC Section R310)
2. The Contractor shall provide safety glazing for all conditions deemed a "hazardous location" per CRC Section R308.4.

BATHROOMS

3. Wall finishes at shower/ bathtub enclosures shall consist of a non-absorbent surface and extend up to six feet above finish floor per CRC R307.2. "Green Board" is not acceptable in shower/ bathtub enclosures. Acceptable tile based materials at shower/ bathtub enclosures include fiber cement, fiber mat reinforced concrete, glass mat gypsum backers, or fiber reinforced gypsum backers. (CRC Section R702.4.2)
4. Aging-In-Place and Fall Protection - Grab bar reinforcement, electrical receptacle outlet, switch and control heights, interior door sites, and doorbell buttons per CRC R327.

CALIFORNIA ENERGY CODE NOTES

NEW CONSTRUCTION

1. Mandatory measures of section 150 shall apply only to and/or within the specific area of the addition or alteration. (Energy Code Section 150.2) **MANDATORY MEASURES** (Energy Code Sections 110 & 150)
2. **MANDATORY REQUIREMENTS TO LIMIT AIR LEAKAGE** (Energy Code Section 110.7) - All joist penetrations, and other openings in the building envelope that are potential source for air leakage shall be caulked, gasketed, weather-stripped or otherwise sealed to limit infiltration & exfiltration.
3. **PHOTOVOLTAIC REQUIREMENTS**
All low-rise residential buildings shall have a photovoltaic (PV) system meeting the minimum requirements as specified in Joint Appendix JA11, with annual electrical output equal to or greater than the dwelling's annual electrical usage as determined by Equation 150.1-C
4. **PIPE INSULATION** - (Energy Code Section 150 (j)) 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" diameter. Insulate all pipes used to circulate hot water to kitchen fixtures, to a storage tank or between storage tanks. Insulate the first 5' of piping from the water heater.
5. **LIGHTING** - (Energy Code Section 150 (k))
 - a. Efficacy - All installed luminaries shall be high-efficacy in accordance w/Table 150.0- A
 - b. Recessed downlight luminaries in ceilings - All assemblies shall be IC rated, AT rated, sealed, and comply w/ Joint Appendix JA8. Recessed assemblies shall not contain screw base sockets.
 - c. Interior lighting, Switching Devices & Controls - Dimmers or vacancy sensors shall control all luminaires required to have a light source compliant w/ Joint Appendix JA8. (Closets less than 70sf & hallways do not require dimmers or vacancy sensors). At least one luminaire in a bathrooms, garages, laundry rooms, and utility rooms shall be controlled by an occupant or vacancy sensor.
 - d. Residential Outdoor Lighting - All fixtures shall be controlled by either photocell & motion sensor, photocontrol & automatic time switch, astronomical time clock, or EMCS.
6. **HVAC** - See Title 24 Energy Calculation Documentation
7. **VENTILATION** - (Energy Code Section 150 (o)) All dwelling units shall meet the requirements of ASHRAE 62.2 SEE CALIFORNIA MECHANICAL CODE NOTES.

CALGREEN CODE NOTES

MANDATORY MEASURES (CALGREEN CH 4)

1. **INDOOR WATER USE** - (CALGreen Section 4.303) All new plumbing fixtures, or fixtures part of an addition or alteration shall comply with the following mandatory allowable flow rates.

FIXTURE TYPE	MANDATORY FLOW RATE FOR NEW "WATER CONSERVING" FIXTURES
SHOWERHEADS	1.8 GPM @ 80 PSI
LAVATORY FAUCETS	1.2 GPM @ 60 PSI
KITCHEN FAUCETS	1.8 GPM @ 60 PPSI
GRAVITY TANK TYPE WATER CLOSETS	1.28 GAL/ FLUSH

- A. When single shower fixtures are served by more than one shower-head, the combined flow rate of all the showerheads shall not exceed the maximum flow rates specified.
3. **ENHANCED DURABILITY AND REDUCED MAINTENANCE** - (CALGreen 4.406) Annular spaces around pipes, electric cables, conduits or other openings in plates at exterior walls, shall be protected against the passage of rodents by closing such opening with cement mortar, concrete masonry or similar method acceptable to the building official.
4. **POLLUTANT CONTROL** - (CAL Green Section 4.504) 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 approved method to reduce the amount of water, dust and debris, which may enter the system.
5. **INTERIOR MOISTURE CONTROL** - (CALGreen Section 4.505) Building materials with visible signs of moisture damage shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19 percent moisture content per CALGreen Section 4.505.3. 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 manufacturer's drying recommendations prior to enclosure. Concrete slab foundations required to have a vapor retarder and capillary break.
6. **INDOOR AIR QUALITY** - (CALGreen Section 4.506) Each bathroom shall be mechanically ventilated with ENERGY STAR compliant fan. The fan shall be controlled by a humidity control and ducted outside the building. The humidity control shall be capable of adjustment between a relative humidity range of 50 to 80 percent. A humidity control may utilize manual or automatic means of adjustment. A humidity control may be a separate components to the exhaust fan and is not required to be integral.
7. **ENVIRONMENTAL COMFORT** - (CALGreen Section 4.507) Perform residential load calculations using ANSI/ACCA 2 Manual J approved methods or software. Size ducting in accordance with ANSI/ACCA 1 Manual D. Select cooling equipment according to ANSI/ACCA 3 Manual S.

GENERAL NOTES

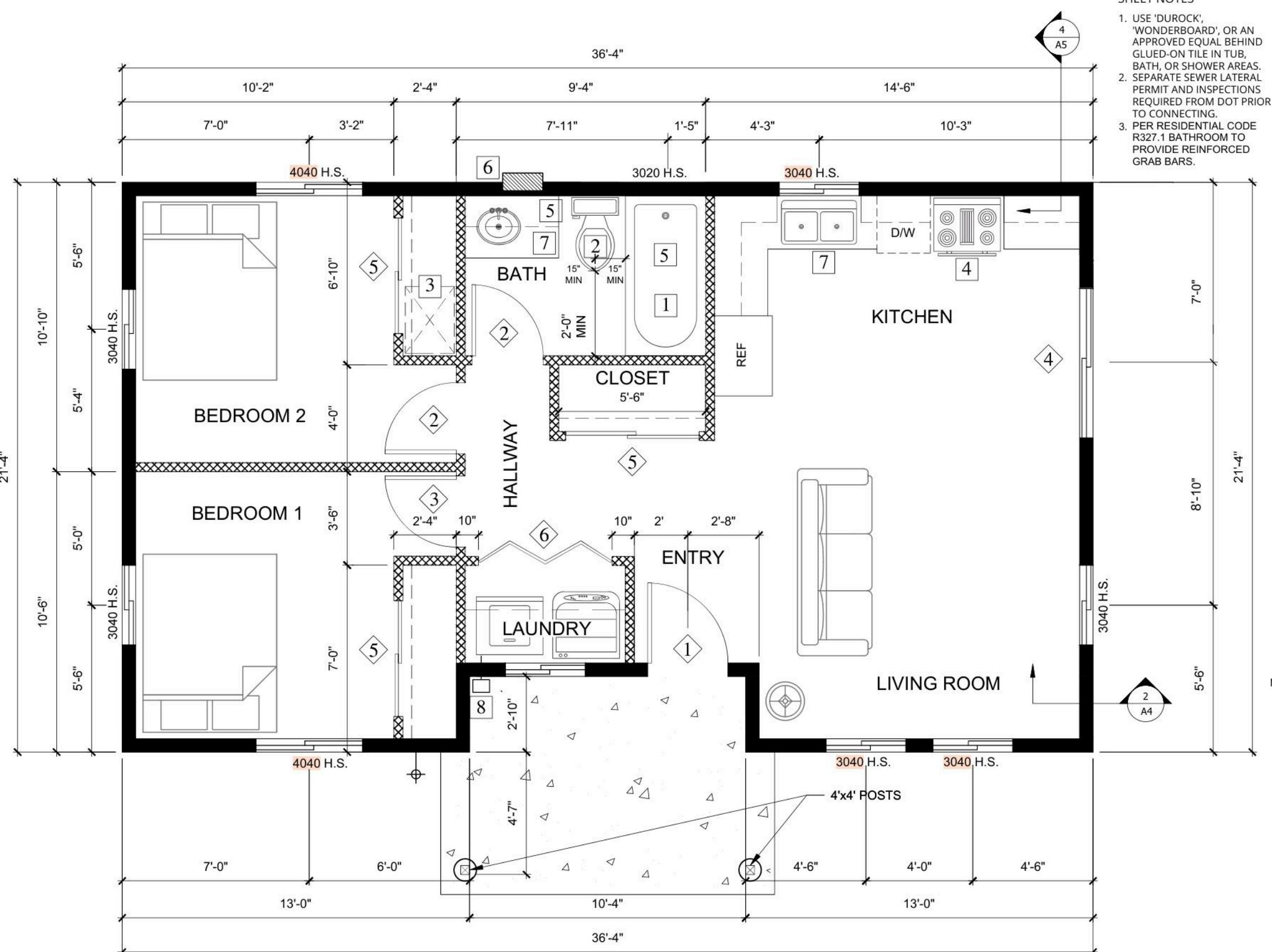
OWNER'S NAME: _____ Jordan Sanelli & Andrew Carter

PROJECT ADDRESS: _____ 745 Wyoming Street, Martinez CA, 94553

SHEET:

A0.2

FLOOR PLAN



SHEET NOTES

1. USE 'DURECK', 'WONDERBOARD', OR AN APPROVED EQUAL BEHIND GLUED-ON TILE IN TUB, BATH, OR SHOWER AREAS.
2. SEPARATE SEWER LATERAL PERMIT AND INSPECTIONS REQUIRED FROM DOT PRIOR TO CONNECTING.
3. PER RESIDENTIAL CODE R327.1 BATHROOM TO PROVIDE REINFORCED GRAB BARS.

CALIFORNIA PLUMBING CODE NOTES

1. Provide a back flow prevention device at all hose bibs and water supply lines. (CPC 603.3)
2. Showers and shower/tub combinations shall have individual control valves of the pressure balance, thermostatic or combination pressure balance/thermostatic mixing valve type. Provide temperature regulation to limit hot water temperature to 120°F. The water heater thermostat shall not be considered appropriate means. (CPC 408.3)
3. No Domestic dishwashing machine shall be directly connected to a drainage system or food waste disposer without the use of an approved dishwasher air gap fitting on the discharge side of the dishwashing machine. Listed air gaps shall be installed with the flood-level (FL) making at or above the flood level of the sink or drainboard, whichever is higher. (CPC 807.3)
4. Water closet stool shall be located minimum 15" from its center to any side wall or obstruction (minimum 30" clear space in width) and have a clear space in front of the water closet stool not less than 24". (CPC 402.5)

DOOR AND FRAME SCHEDULE

SYMBOL	SIZE			
	WD	HGT	THK	STYLE
1	3'-0"	6'-8"	1 3/4"	L.H.
2	3'-0"	6'-8"	1 3/8"	L.H.
3	3'-0"	6'-8"	1 3/8"	R.H.
4	6'-0"	6'-8"	1 3/4"	SLIDER
5	5'-0"	6'-8"	1 3/8"	SLIDER
6	5'-0"	6'-8"	1 3/8"	BIFOLD

NOTE:

- (1) ALL HEADERS AT EXTERIOR DOOR AND WINDOW OPENINGS SHALL BE 4X8 D.F. #2 MIN.
- (2) WINDOWS IN BEDROOMS THAT ARE A PART OF EMERGENCY EGGS ESCAPE RESCUE OPENING REQUIREMENTS SHALL HAVE A SILL HEIGHT NO MORE THAN 44" ABOVE FINISHED FLOOR.
- (3) ALL WINDOWS SHALL HAVE A MAX. WINDOW HEIGHT OF 84"

FLOOR PLAN LEGEND

1	72" X 36" TUB/SHOWER UNIT SHOWER HEAD 1.8 GPM
2	TOILET 1.28 GPM
3	22"X30" ATTIC ACCESS PANEL
4	RANGE/OVEN W/ HOOD ABOVE
5	GRAB BAR PER AGING IN PLACE REQ.
6	EXTERIOR WATER HEATER
7	LAVATORIES 1.2 GPM
8	EXHAUST FOR DRYER

FLOOR PLAN

OWNER'S NAME: Jordan Sanelli & Andrew Carter

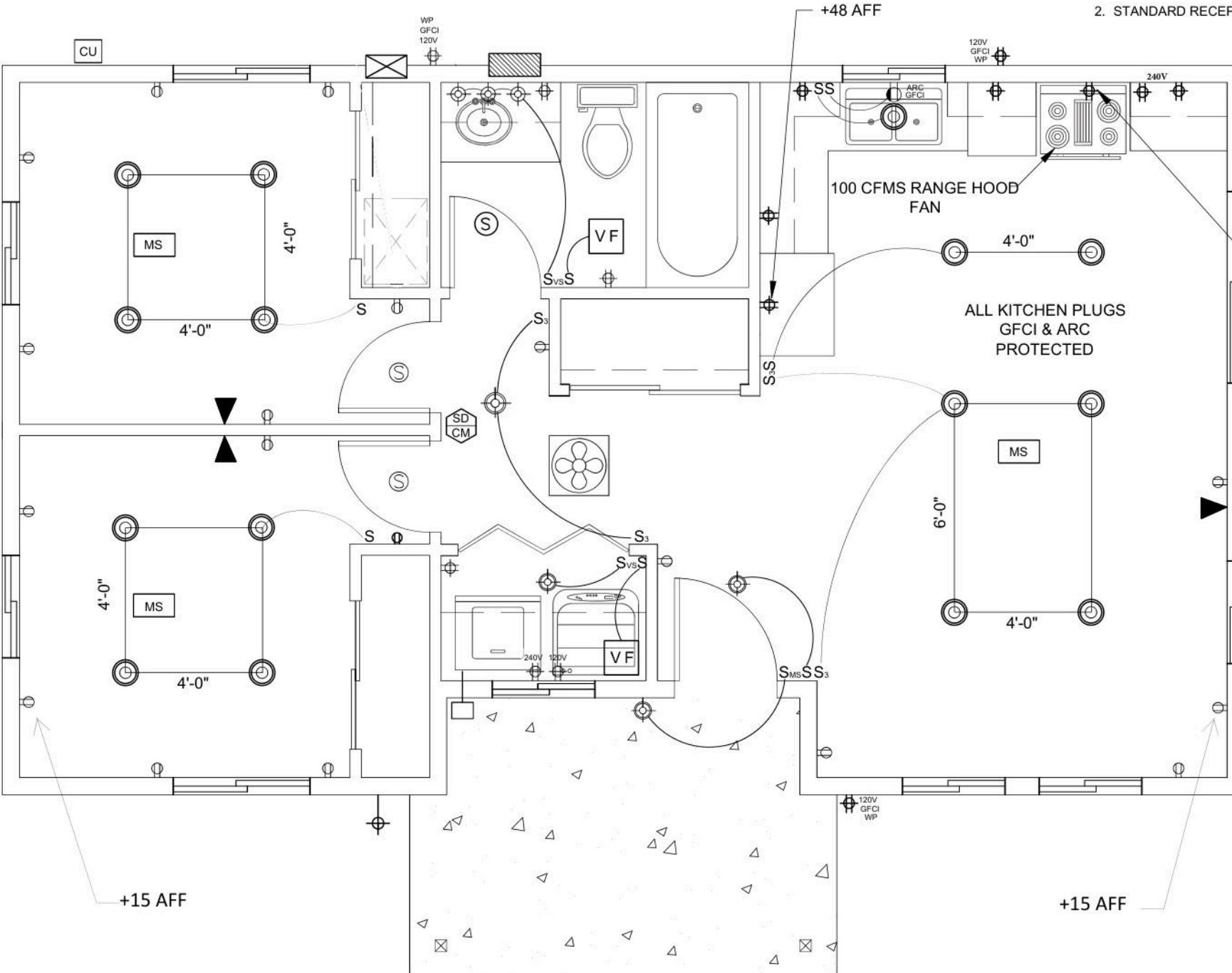
PROJECT ADDRESS: 745 Wyoming Street, Martinez CA, 94553

SHEET:

A1

ELECTRICAL PLAN

SCALE $\frac{1}{4}$ " = 1'-0"



GENERAL NOTES

- ALL HVAC EQUIPMENT AND WATER HEATERS TO COMPLY WITH APPROVED ENERGY CALCULATIONS FOR TYPE
- STANDARD RECEPTACLES TO BE MOUNTED 15" AFF

CALIFORNIA ELECTRICAL CODE NOTES

GROUNDING

- Provide UFER ground located at main service panel per CEC Article 250.50.

CIRCUITS

- Provide two minimum separate amp circuit to kitchen appliances. (CEC Article 220.52 (A)).
- Provide one minimum 20 amp circuit to laundry appliances. (CEC Article 220.52 (B)).
- At least one bathroom receptacle outlet supplied by at least one 20-amp branch circuit shall be located within 3' of the of the basin edge. Such circuits shall have no other outlets. (CEC Article 210.52 (D))

- The following receptacles shall be GFCI protected (CEC Article 210.8):

- a. Bathrooms
- b. Garages
- c. Outdoors
- d. Kitchens- where the receptacles are installed to serve the countertop
- e. Within 6' of sink basins
- f. Laundry Rooms

- All branch circuits that supply 120-volt, single phase, and 15 and 20 amp outlets installed in dwelling unit bedrooms, family rooms, living rooms, dens, closets, and hallways shall be protected by a listed arc-fault circuit interrupter. (CEC Article 210.12)

RECEPTACLES

- Receptacle outlets shall be installed so that no point along the floor line in any wall space is more than 6 feet measured horizontally, from an outlet in that space, including any wall space 2 feet more in width. (CEC Article 210.52(A))
- All 120-volt, 15 and 20 amp receptacles shall be listed tamper resistant. (CEC Article 406.12)
- Clothes closet light fixtures shall be listed and installed in accordance with their listing (CEC Article 410.16)
- At least one 120-volt weather-proof receptacle should be located at the front & back at no more than 6.5' above grade. (CEC Article 210.52(E)(1)-(E)(3)).

LIGHTING

- See CALIFORNIA ENERGY CODE NOTES

FIRE PROTECTION REQUIREMENTS

- Install combination smoke detector/ carbon monoxide alarms in dwelling units and sleeping units within which fuel-burning appliances are installed and in dwelling units that have attached garages. Alarms shall be interconnected such that activation of one alarm will activate all alarms within the unit.(CRC Section R315.2)

MISCELLANEOUS

- Ceiling fans shall not be supported by standard outlet boxes. Ceiling fan support boxes shall be listed accordingly. (CEC Article 314.27 (C))
- Provide a minimum 30" wide by 36" deep by 6 1/2' high illuminated clear working area shall be provided in front of each panel (CEC Article 110.26).

ELECTRICAL KEY

	3 ZONE DUCTLESS MINI SPLIT CONDENSING UNIT		SMOKE DETECTORS (CARBON MONOXIDE DETECTOR NOTED)
	SINGLE WALL SWITCH		IC RATED RECESSED LIGHT / BULB OR EXTERIOR LIGHT
	WALL SWITCH WITH VACANCY SENSOR		HIGH EFFICACY LIGHTING. IF OUTDOORS OR ABOVE A SHOWER/TUB IT MUST BE LISTED FOR WET OR DAMP LOCATIONS.
	WALL SWITCH EQUIPPED WITH A MOTION SENSOR AND PHOTOCONTROL		WHOLE HOUSE FAN MIN. 1119 CFMS
	TWO-WAY SWITCH		VENT FAN (MIN 50 CFM EQUIP WITH HUMIDISTAT & ENERGY STAR COMPLIANT)
	TELEPHONE JACK		100 AMP SUBPANEL
	TELEVISION JACK		110V DUPLEX RECEPTACLE OUTLET (ARC FAULT PROTECTED)
	240V NEMA 14-5OR 4-PRONG OUTLET		110V DUPLEX OUTLET ABOVE COUNTER HT. (GFCI & ARC FAULT PROTECTED)
	HOSE BIB (LOCATE IN FIELD) PROTECTED BY A BACKFLOW PREVENTION DEVICE		120V DUPLEX OUTLET ABOVE GRADE (WP & GFCI PROTECTED)
	COMBO UNIT SMOKE & CO2		24" DUCTLESS RECESSED MINI SPLIT

NOTE: ALL RECEPTACLE OUTLETS SHALL BE TAMPER RESISTANT

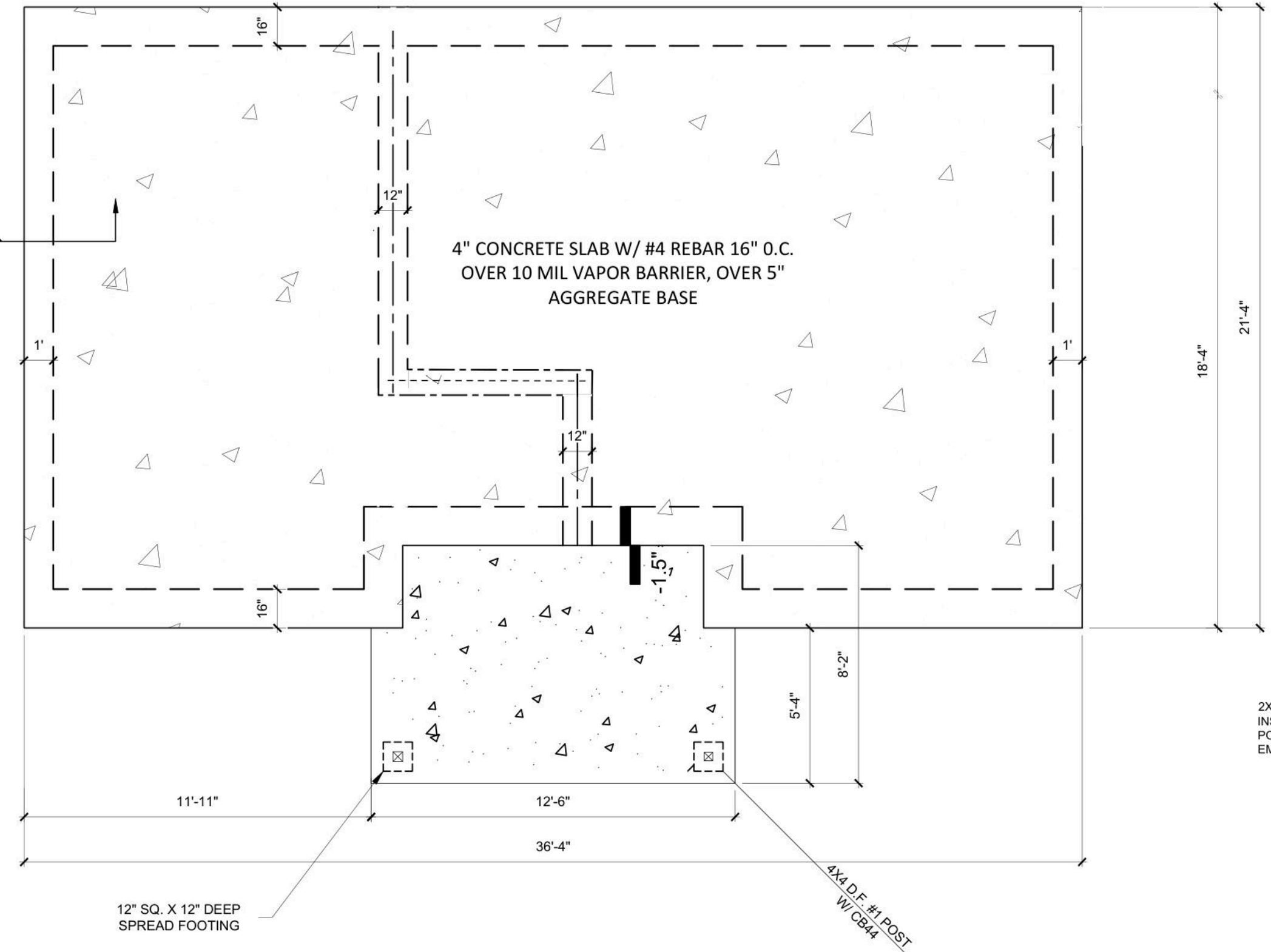
ELECTRICAL PLAN

OWNER'S NAME: Jordan Sanelli & Andrew Carter

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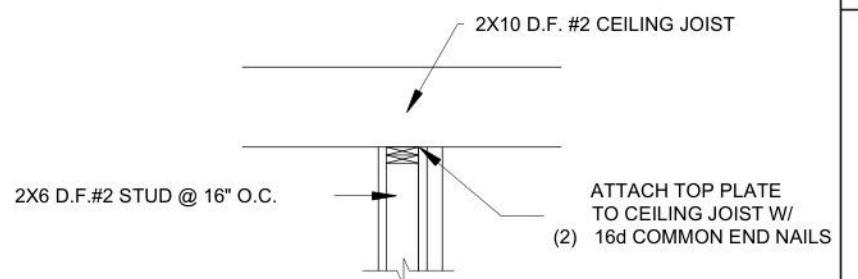
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A2

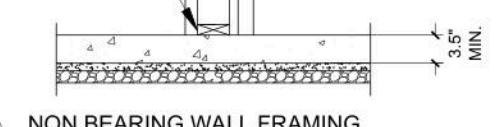


FOUNDATION NOTES:

CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF
2,500 PSI AT 28 DAYS. (R402.2)



2X6 PTDF SILL PLATE TO BE
INSTALLED W/ HILTI DS 47 PIO
POWDER DRIVEN PINS W/ 1-1/2"
EMBEDDED AT 16" O.C.



FOUNDATION PLAN

OWNER'S NAME: Jordan Sanelli & Andrew Carter

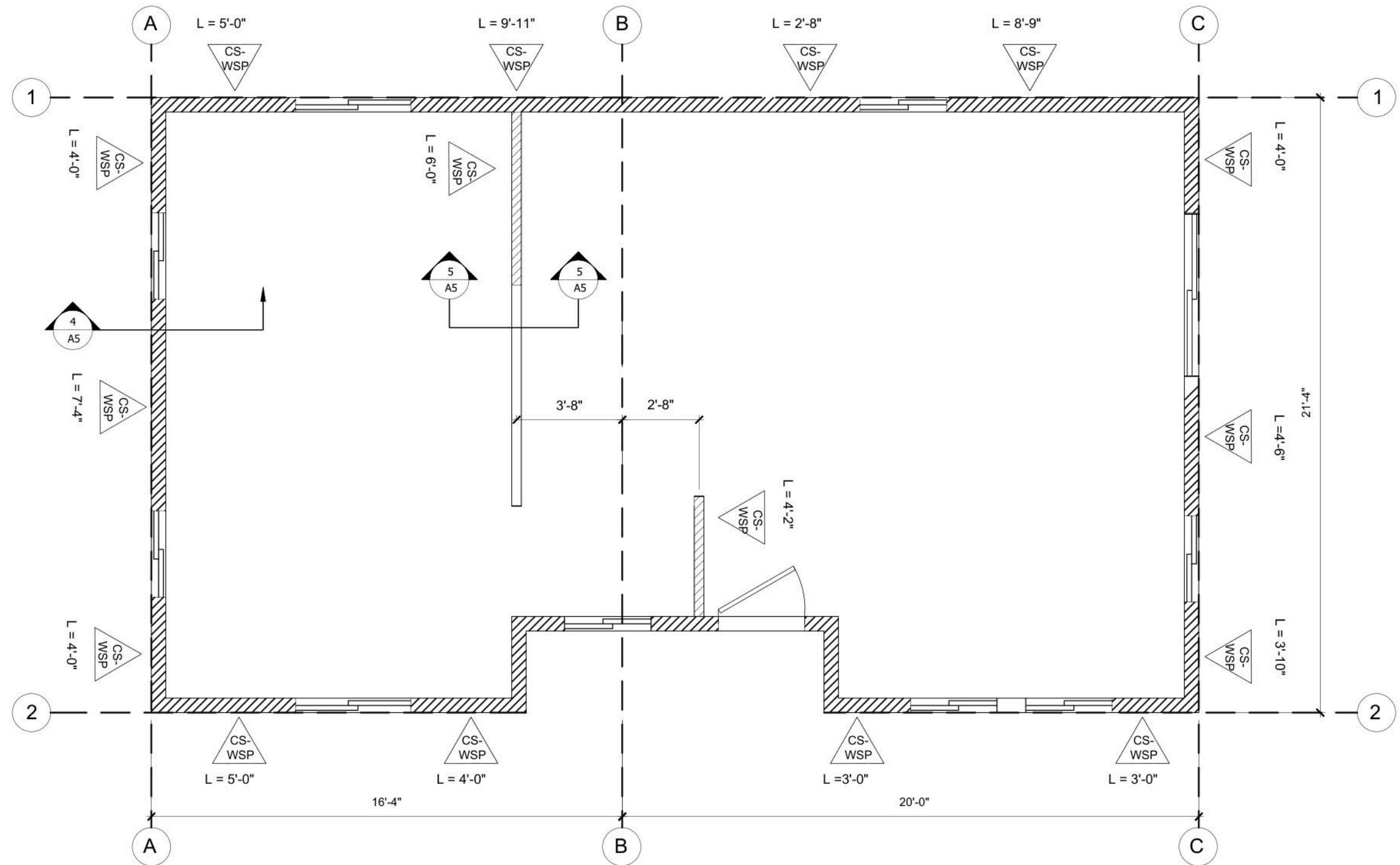
PROJECT ADDRESS: 745 Wyoming Street, Martinez CA, 94553

SHEET:

A3

BRACED WALL PANEL SCHEDULE								
BWL	METHOD	MATERIAL & MIN. THICKNESS	BWL LENGTH	BWL SPACING	WALL HEIGHT	ADJUSTMENT FACTOR	REQUIRED LENGTH	PROVIDED LENGTH
1	CS-WSP	1/2" OSB	36.33'	21.33'	8'	1.0	8.5'	29.33'
2	CS-WSP	1/2" OSB	36.33'	21.33'	8'	1.0	8.5'	15'
A	CS-WSP	1/2" OSB	21.33'	16.33'	8'	1.0	6.4'	15.33'
B	CS-WSP	1/2" OSB	18.6'	20'	8'	1.0	4.3'	10.16'
C	CS-WSP	1/2" OSB	21.33'	20'	8'	1.0	6.4'	15.33'

BRACED WALL PANEL SCHEDULE				
METHOD	MINIMUM THICKNESS	FASTENERS	EDGE	FIELD
CS-WSP	1/2" OSB	EXTERIOR SHEATHING PER TABLE 602.3(3)	6" O.C.	12" O.C.
		INTERIOR SHEATHING PER TABLE 602.3(1) OR 602.3(2)		



BRACED WALL PLAN

SCALE $\frac{1}{4}$ " = 1'-0"

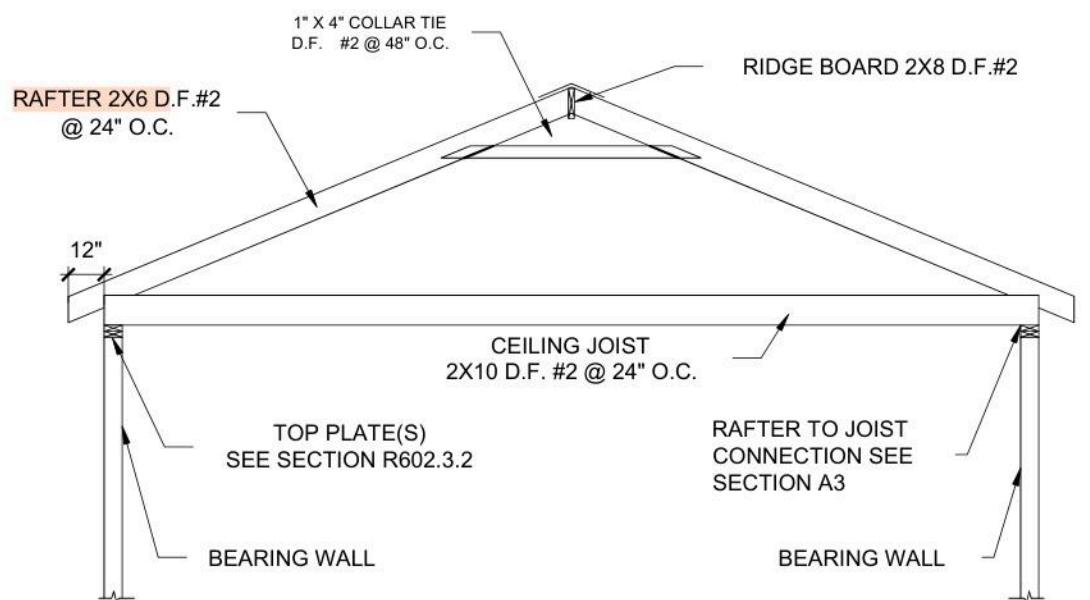
BRACED WALL PLAN

OWNER'S NAME: Jordan Sanelli & Andrew Carter

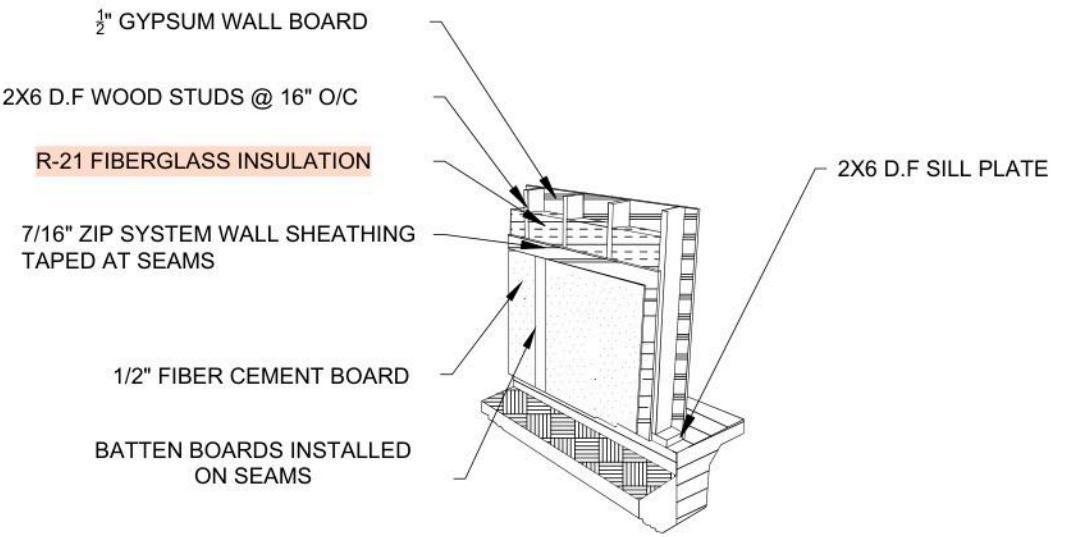
PROJECT ADDRESS: 745 Wyoming Street, Martinez CA, 94553

SHEET:

A4

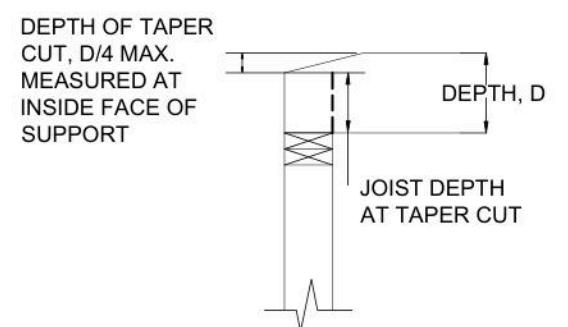


1 A5 BRACED RAFTER CONSTRUCTION

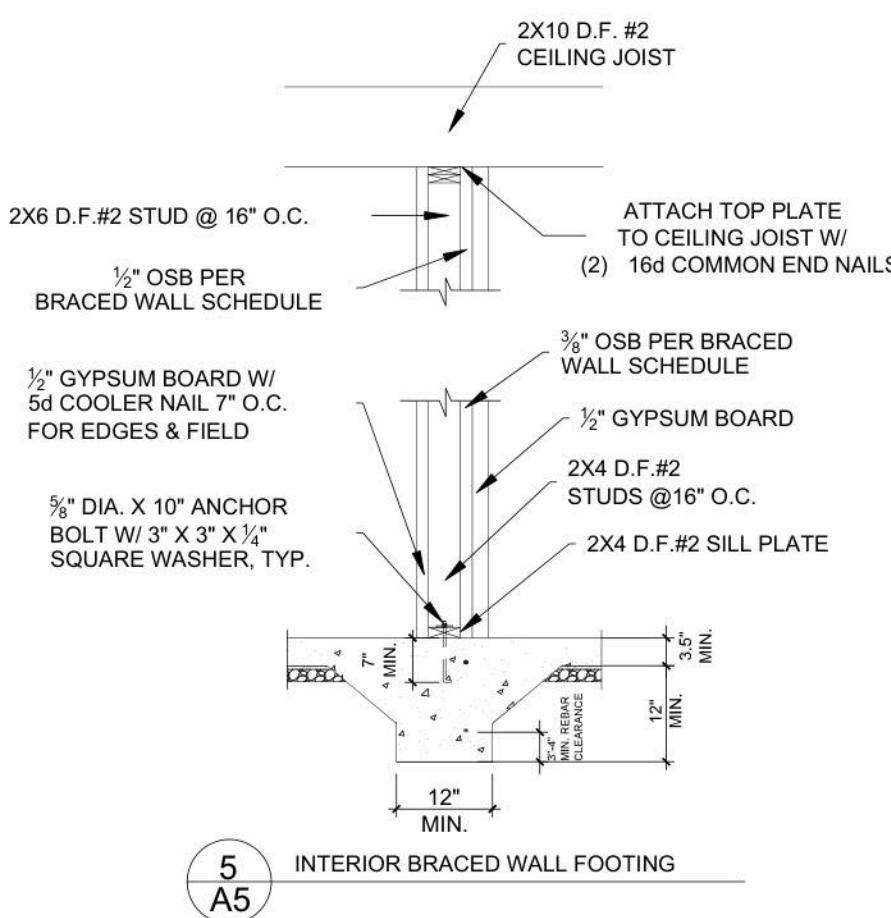


2 A5 EXTERIOR WALL FRAMING

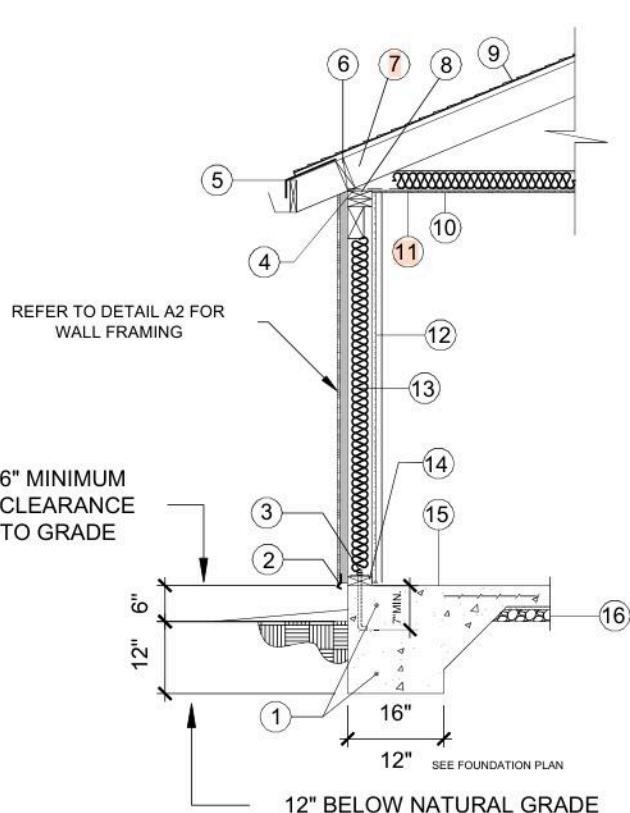
3 A5 CEILING JOIST TAPER CUT



3.1 A5 CEILING JOIST TAPER CUT

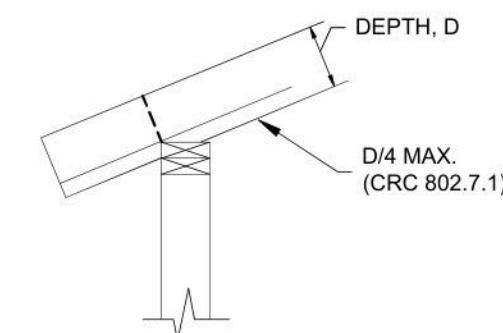


5 A5 INTERIOR BRACED WALL FOOTING



4 A5 SLAB-FLOOR CONSTRUCTION FOOTING

1. 1 #4 TOP & BOTTOM CONT. 24" OVERLAP AT ALL SPLICES
2. WEEP SCREED 26 GAUGE GALVANIZED
3. 5/8" DIA. X 10" ANCHOR BOLT W/ 3" X 3" X 1/4" SQUARE WASHER, TYP.
4. SIMPSON A-35 @ 24" O.C.
5. DRIP EDGE
6. 2X8 D.F. #2 BLOCKING W/ 8d NAILS @ 6" O.C.
7. RAFTERS 2X8 @ 24" O.C. OR PRE MANUFACTURED TRUSSES WITH R-19 INSULATION
8. DOUBLE TOP PLATE (MIN. 48" SPLICE) WITH 12 (16D) NAILS @ EACH SIDE OF SPLICE
9. ROOF SHEATHING (SEE ROOF PLAN)
10. 5/8" GYPSUM BOARD APPLIED PERPENDICULAR @ CEILING
11. BOTTOM TRUSS CORD OR CEILING JOIST W/ R-30 INSULATION
12. INTERIOR WALL FINISH- 1/2" GYPSUM BOARD APPLIED PERPENDICULAR
13. R-19 IN STUD CAVITY
14. 2X6 D.F. #2 BOTTOM PLATE (PRESSURE-TREATED WHEN IN CONTACT WITH CONCRETE) WITH 5/8" X 10" ANCHOR BOLT @ 4' O.C. MAX (MIN. TWO BOLTS PER SILL SECTION)
15. 4" CONCRETE SLAB 2,500 PSI MINIMUM REINFORCED WITH A MINIMUM OF 6X6 #10 GAUGE WELDED WIRE REINFORCING MESH CENTERED IN SLAB OVER 10MIL VAPOR BARRIER, OVER 2" SAND, OVER 4" AGGREGATE BASE
16. 4" SAND/ GRAVEL MIN.



3.2 A5 Rafter Notch

DETAILS

DETAILS

OWNER'S NAME: Jordan Sanelli & Andrew Carter
PROJECT ADDRESS: 745 Wyoming Street, Martinez CA, 94553

SHEET:

A5

SCALE $\frac{1}{4}$ " = 1'-0"

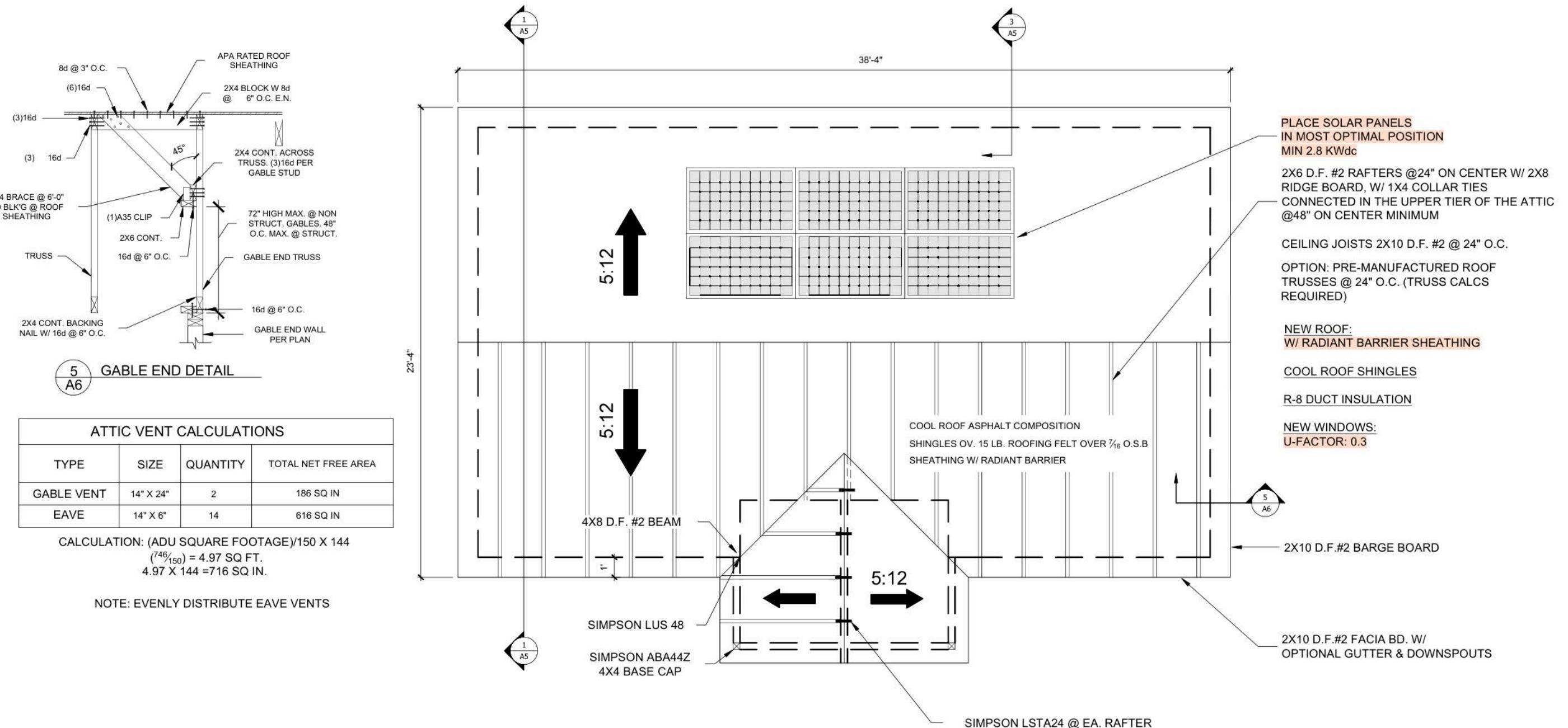
ROOF PLAN

ROOF PLAN

OWNER'S NAME: Jordan Sanelli & Andrew Carter
 PROJECT ADDRESS: 745 Wyoming Street, Martinez CA, 94553

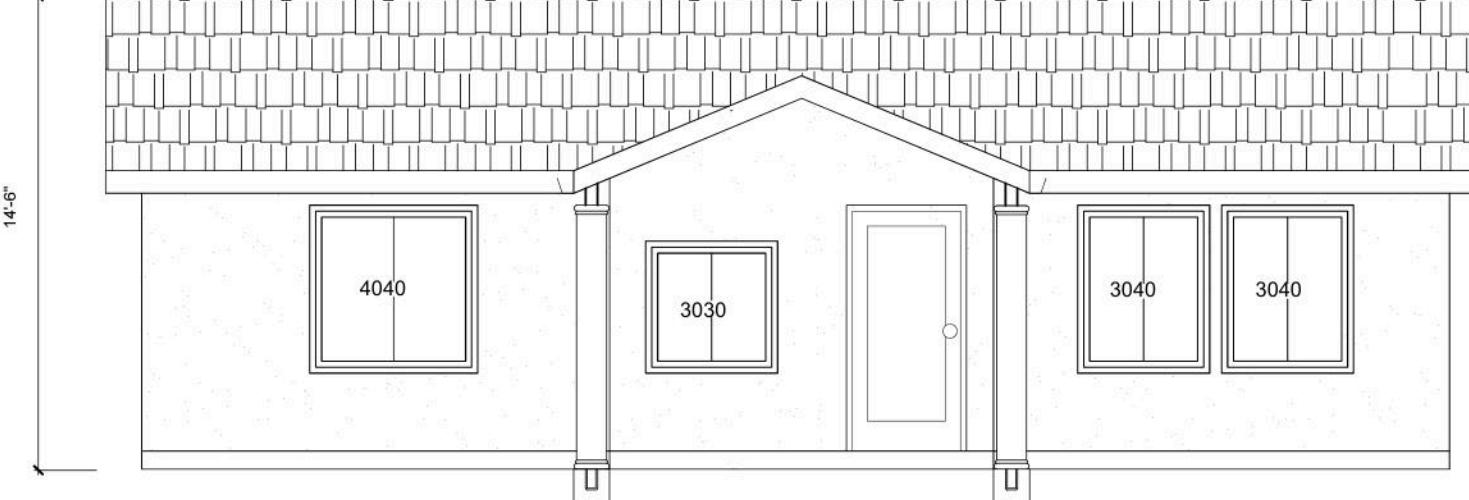
SHEET:

A6



$\frac{3}{16}'' = 1'-0''$

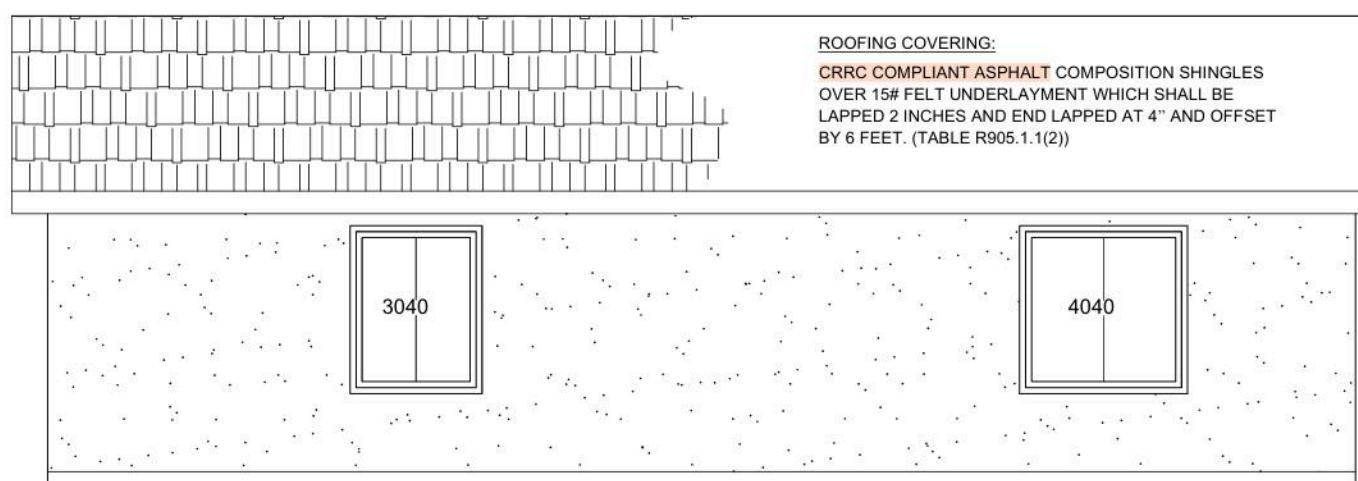
Maximum Height of the structure not to exceed 18 FEET for detached ADU per 22.43.070 of Chapter 22.43.



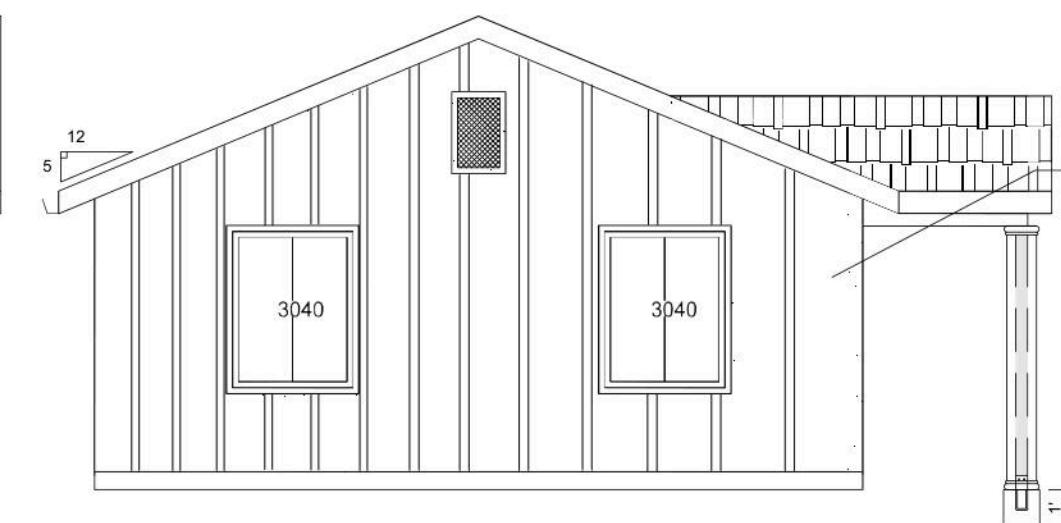
FRONT



RIGHT



BACK



LEFT

ELEVATIONS

ELEVATIONS

OWNER'S NAME: Jordan Sanelli & Andrew Carter

PROJECT ADDRESS: 745 Wyoming Street, Martinez CA, 94553

SHEET:

A7

SCALE: $\frac{3}{16}$ " = 1'-0"

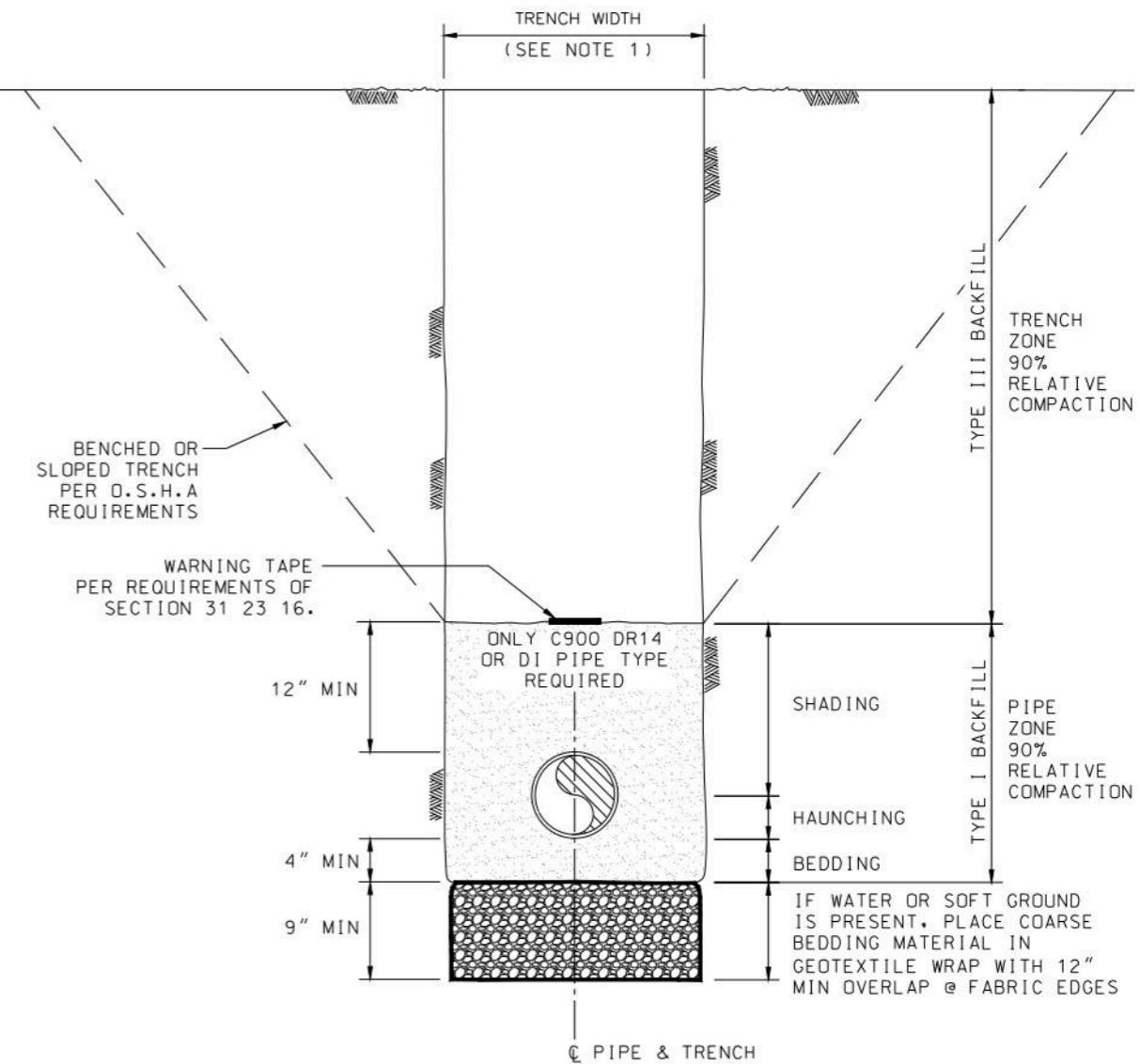
**MT VIEW SANITARY DISTRICT
SEWER CONSTRUCTION NOTES**

1. MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE MT. VIEW SANITARY DISTRICT (MVD) STANDARD SPECIFICATIONS (STANDARD SPECIFICATIONS). THE STANDARD SPECIFICATIONS ADOPT, WITH CERTAIN EXCEPTIONS, AND INCORPORATE BY REFERENCE THE CENTRAL CONTRA COSTA SANITARY DISTRICT (CENTRAL SAN) "STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION," INCLUDING STANDARD DRAWINGS AND APPROVED MATERIALS LIST, LATEST EDITION.
2. THE CONTRACTOR SHALL OBTAIN A SEWER PERMIT FROM THE DISTRICT OFFICE PRIOR TO COMMENCING WORK AND PAY ALL APPLICABLE FEES.
3. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE AGENCY HAVING JURISDICTION (CITY OF MARTINEZ OR CONTRA COSTA COUNTY) PRIOR TO UNDERTAKING ANY WORK WITHIN THE PUBLIC STREET RIGHT OF WAY.
4. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 811 A MINIMUM OF 2 WORKING DAYS IN ADVANCE OF EXCAVATION WORK.
5. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OFFICE 48 HOURS PRIOR TO REQUIRING INSPECTION SERVICES. CALL (925) 228-5635.
6. THE CONTRACTOR SHALL CALL FOR A PRE-CCTV INSPECTION PRIOR TO THE START OF ANY PIPE BURSTING WORK.
7. AN OVERFLOW PROTECTION DEVICE (OPD) PER STANDARD DRAWING DWG 22-05 SHALL BE INSTALLED ON THE BUILDING SEWER AT THE CLEANOUT OUTSIDE OF THE BUILDING FOUNDATION.
8. SIDE SEWERS SHALL HAVE A MINIMUM OF 1 FOOT SEPARATION TO THE EXISTING UTILITIES WITHIN THE PROPERTY AND SHALL BE MARKED WITH WARNING TAPE PER STANDARD DRAWING DWG 22-01.
9. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING NEAR OR CONNECTING TO EXISTING SEWER MAINS AND FACILITIES SO AS NOT TO INTERRUPT EXISTING SERVICE. ANY COST INCURRED BY MVD IN REPAIRING OR RESTORING EXISTING FACILITIES DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE PAID BY THE CONTRACTOR.
10. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE MT. VIEW SANITARY DISTRICT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DISTRICT.
11. SIDE SEWER TAPS INTO EXISTING ASBESTOS CONCRETE PIPE (ACP) SEWER MAINS SHALL BE INSTALLED BY A PRE-QUALIFIED SEWER CONTRACTOR WHO IS APPROVED BY MVD FOR SUCH WORK. REFERENCE THE CENTRAL SAN APPROVED MATERIAL LIST FOR ACCEPTABLE SADDLE TAP TYPES. DISPOSAL OF ACP PIPE MATERIALS SHALL BE PERFORMED PER THE LATEST ENVIRONMENT REGULATIONS.

**CENTRAL CONTRA COSTA SANITARY DISTRICT
MARTINEZ, CALIFORNIA**

TRENCH STRUCTURAL DETAIL 2 FOR UNPAVED AREA

**TRENCH SECTION IN UNPAVED AREAS
(OFF ROAD EASEMENT OR FUTURE STREETS)**

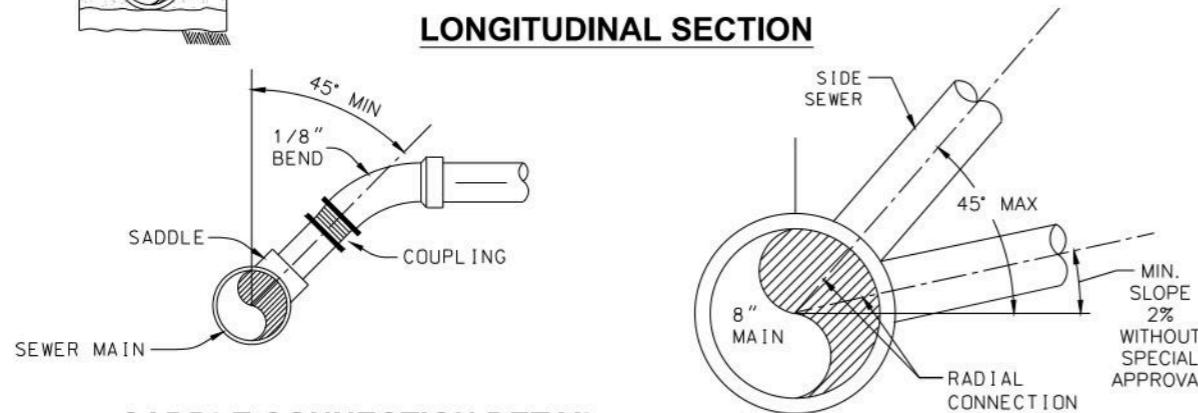
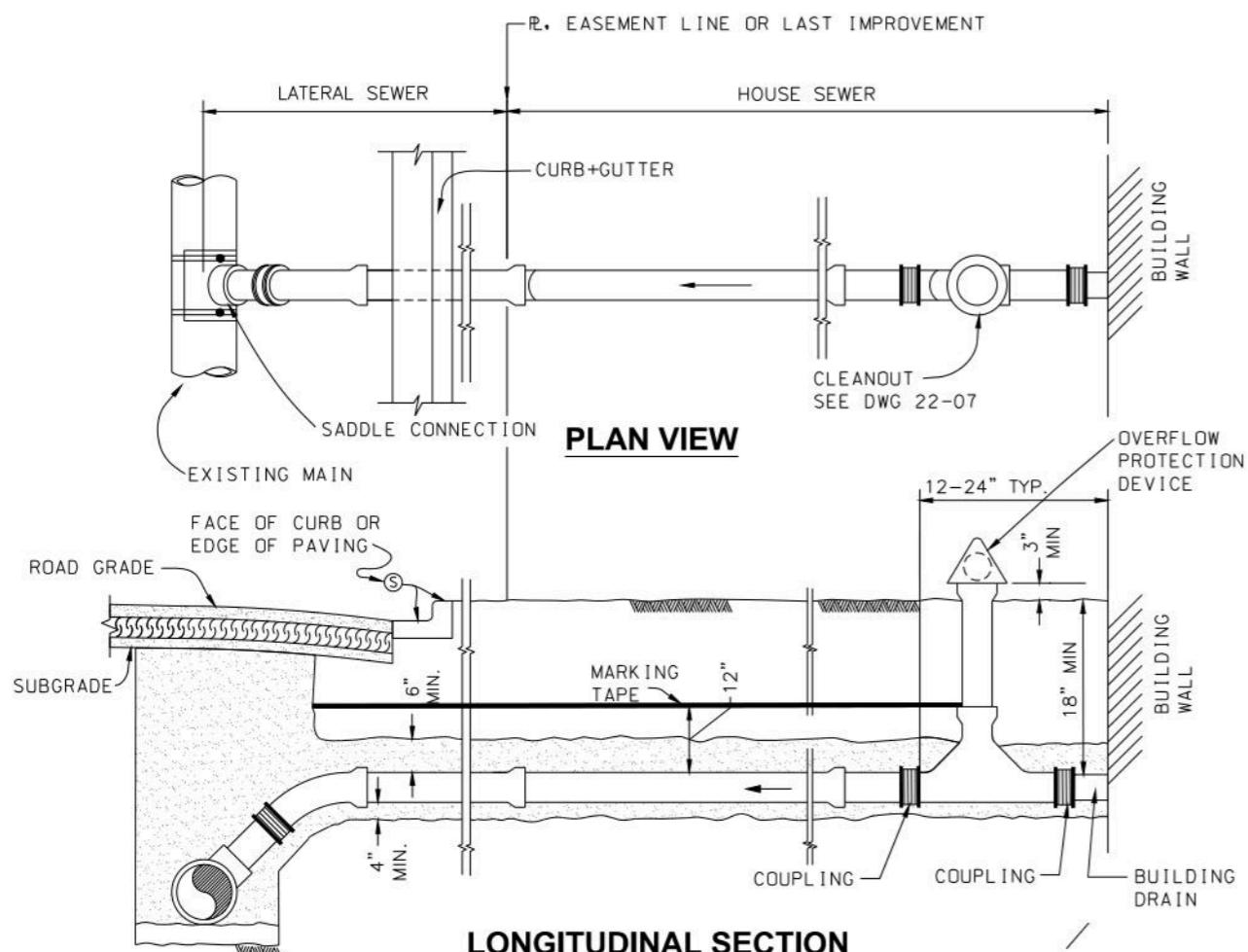


NOTES:

1. TRENCH WIDTH, PIPE BEDDING & BACKFILL SHALL CONFORM TO THE APPLICABLE REQUIREMENTS AND PROVISIONS OF SECTION 31 23 16 OF THESE SPECIFICATIONS.
2. THESE ARE MINIMUM REQUIREMENTS. IF OTHER JURISDICTIONAL AGENCY REQUIREMENTS EXCEED THOSE SHOWN, THE GREATER REQUIREMENTS SHALL BE MET.

CENTRAL CONTRA COSTA SANITARY DISTRICT
MARTINEZ, CALIFORNIA

SIDE SEWER LAYOUT
(CONNECTION TO EXISTING MAIN)



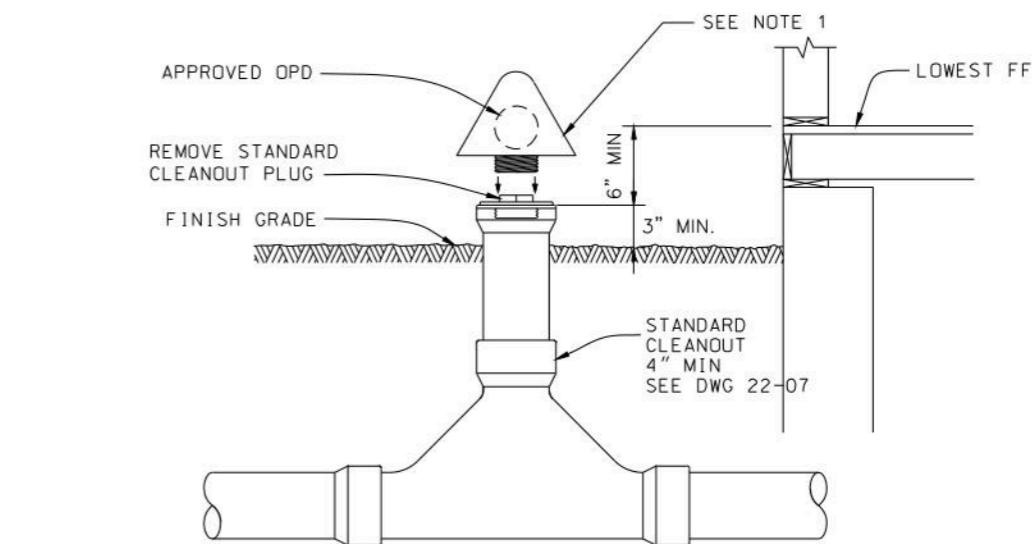
SADDLE CONNECTION DETAIL

NOTES:

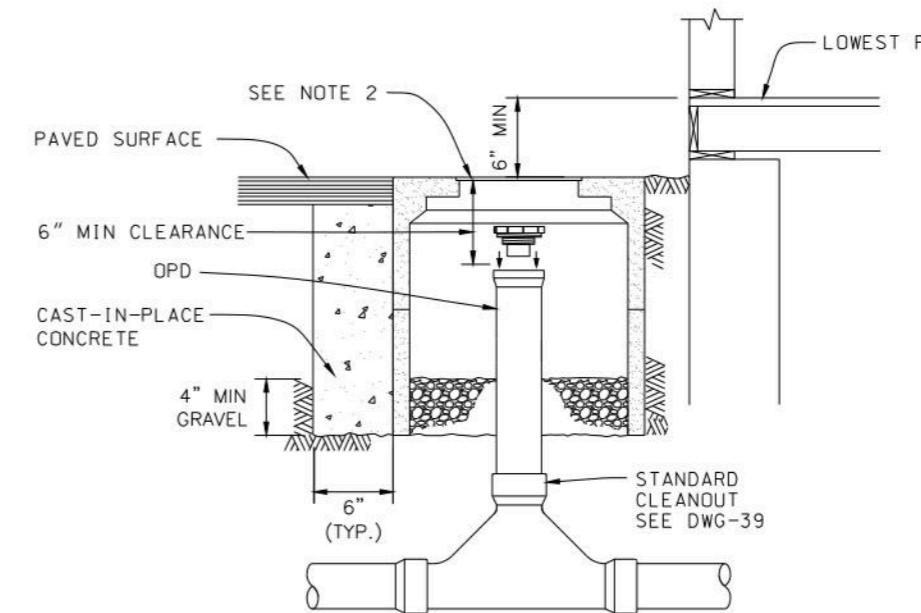
- WHEN A LATERAL SEWER IS INSTALLED IN ADVANCE OF THE BUILDING SEWER, IT SHALL BE TERMINATED WITH A CAP OR PLUG 5' PAST THE PROPERTY LINE. EASEMENT LINE OR LAST IMPROVEMENT AND THE CONTRACTOR SHALL MARK THE LOCATION OF THE CAPPED/PLUGGED END WITH A 2X4 PRESSURE TREATED STAKE PAINTED GREEN.
- REFER TO SECTION 31 23 16 FOR BEDDING AND BACKFILL REQUIREMENTS.

CENTRAL CONTRA COSTA SANITARY DISTRICT
MARTINEZ, CALIFORNIA

OVERFLOW PROTECTION DEVICES



(TYPE 1)



(TYPE 2)

NOTES:

- AN OVERFLOW PROTECTION DEVICE, PER CCCSD'S APPROVED MATERIALS LIST, IS REQUIRED ON ALL SIDE SEWERS. SPECIFIC LOCATION SHALL BE DETERMINED BY THE CONTRACTOR AND THE PROPERTY OWNER.
- SEE APPROVED MATERIALS LIST FOR TRAFFIC AND NON-TRAFFIC AREA PRECAST UTILITY BOXES AND GRATED LIDS.