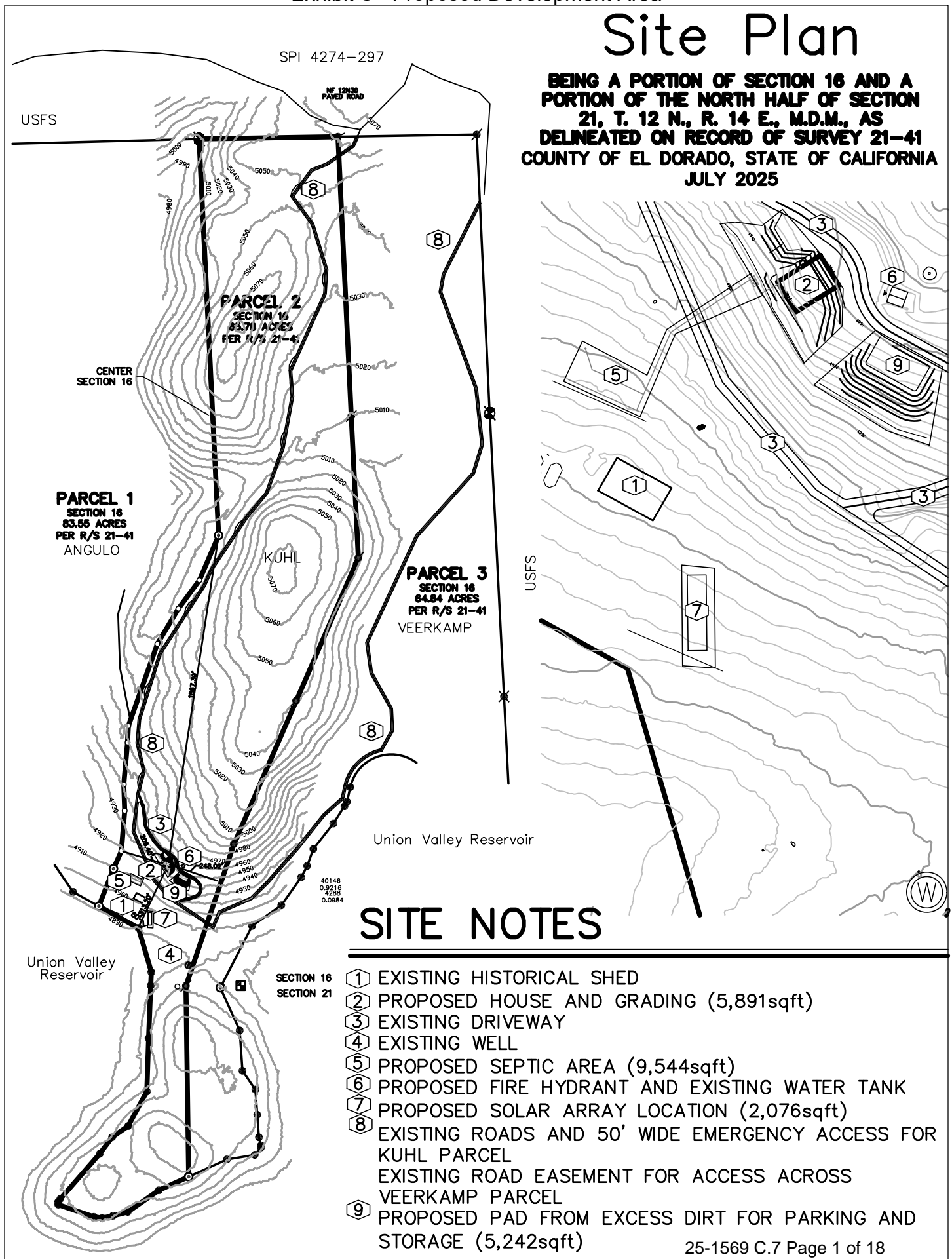


Site Plan

**BEING A PORTION OF SECTION 16 AND A
PORTION OF THE NORTH HALF OF SECTION
21, T. 12 N., R. 14 E., M.D.M., AS
DELINEATED ON RECORD OF SURVEY 21-41
COUNTY OF EL DORADO, STATE OF CALIFORNIA
JULY 2025**



CRITICAL AREA PLANTING CONSTRUCTION SPECIFICATIONS (JANUARY 2006)

- A. SCOPE
ESTABLISHING VEGETATION ON SEVERELY ERODING AREAS OR AREAS WITH AN EROSION POTENTIAL. ITS PURPOSE IS TO STABILIZE THE SOIL, MINIMIZE OR PREVENT DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS, PROTECT WILDLIFE HABITAT, AND MAINTAIN AESTHETIC QUALITIES.
- B. AREAS TO BE SEED, TIMING OF SEEDING
COMPLETE REVEGETATION AND STABILIZATION OF ALL DISTURBED SOILS, BOTH WITHIN AND OUTSIDE COUNTY RIGHT-OF-WAY, WILL BE ACCOMPLISHED WITH SPECIFIED AMOUNTS AND TYPES OF VEGETATIVE SPECIES, MULCH, AND FERTILIZER MATERIAL. SEE MAJOR LAND RESOURCE AREA EXHIBITS MLRA 18 OR 22.

ALL EROSION AND SEDIMENT CONTROL PRACTICES PERFORMED AFTER OCTOBER 15, SHALL FOLLOW "RAINY SEASON" SPECIFICATION CONTAINED IN THE STORM WATER MANAGEMENT PRACTICES.

C. MATERIAL

1. SEED - ALL SEED SHALL BE DELIVERED TO THE SITE TAGGED AND LABELED IN ACCORDANCE WITH THE CALIFORNIA AGRICULTURAL CODE AND SHALL BE ACCEPTABLE TO THE COUNTY AGRICULTURAL COMMISSIONER.

SEED SHALL BE OF A QUALITY WHICH HAS A MINIMUM PURE LIVE SEED CONTENT OF 80% (% PURITY X % GERMINATION) AND WEED SEED SHALL NOT EXCEED 0.5% OF THE AGGREGATE OF PURE LIVE SEED AND OTHER MATERIALS. LEGUME SEED SHALL BE INOCULATED WITH INOCULANT SPECIFIC TO ITS NEEDS WITHIN TWO HOURS PRIOR TO SEEDING. INOCULANTS SHALL NOT BE USED LATER THAN THE DATE INDICATED ON THE CONTAINER OR AS OTHERWISE SPECIFIED. ALL INOCULATED SEED SHALL BE LABELED TO SHOW WEIGHT OF SEED, THE DATE OF INOCULATION, AND THE WEIGHT AND SOURCE OF INOCULANT MATERIALS.

2. FERTILIZER - A COMMERCIAL FERTILIZER SHALL BE AMMONIUM PHOSPHATE AND CONTAIN A MINIMUM OF 16% NITROGEN, 20% PHOSPHORUS, AND 0% POTASH, UNIFORM IN COMPOSITION, DRY AND FREE FLOWING, PELLETTED OR GRANULAR.

ALL FERTILIZER SHALL BE DELIVERED IN UNBROKEN OR UNOPENED CONTAINERS, LABELED IN ACCORDANCE WITH APPLICABLE STATE REGULATIONS AND BEARING THE WARRANTY OF THE PRODUCER FOR THE GRADE FURNISHED.

3. MULCH - MULCH SHALL BE ONE OF THE FOLLOWING MATERIALS AS APPROVED BY THE GOVERNMENT REPRESENTATIVE.

4. STRAW - STRAW SHALL BE NEW STRAW DERIVED FROM RICE, WHEAT, OATS, OR BARLEY, AND BE FREE OF MOLD AND NOXIOUS WEED SEED. STRAW SHALL BE FURNISHED IN AIR DRY BALES. EVIDENCE SHALL BE FURNISHED THAT CLEARANCE HAS BEEN OBTAINED FROM THE COUNTY AGRICULTURAL COMMISSIONER, AS REQUIRED BY LAW, BEFORE STRAW OBTAINED FROM OUTSIDE THE COUNTY IN WHICH IT IS TO BE USED IS DELIVERED TO THE SITE OF THE WORK.

5. WOOD FIBER MULCH - WOOD FIBER MULCH IS A WOOD CELLULOSE FIBER THAT CONTAINS NO GERMINATION OR GROWTH INHIBITING FACTORS. IT IS COLORED WITH A NON-TOXIC, WATER SOLUBLE, GREEN DYE TO PROVIDE A PROPER CAUSE FOR METERING OVER GROUND SURFACES. IT HAS THE PROPERTY TO BE EVENLY DISPERSED AND SUSPENDED WHEN AGITATED IN WATER.

D. SEEDING REQUIREMENTS

1. GENERAL - ALL SEEDING, FERTILIZER AND MULCHING OPERATIONS SHALL BEGIN WHEN APPROVAL IS GIVEN BY THE APPROPRIATE COUNTY ENGINEER OR CONSERVATION DISTRICT REPRESENTATIVE.

2. SEEDBED PREPARATION - THE ENTIRE AREA TO BE SEEDBED SHALL BE REASONABLY SMOOTH AND CONFORM TO THE DESIRED SHAPE BEFORE ACTUAL SEEDBED PREPARATION IS BEGUN. ANY DEBRIS WHICH WOULD INTERFERE WITH SEEDING OPERATIONS GROWTH OR MAINTENANCE OF THE VEGETATIVE COVER WILL BE REMOVED. THE AREA TO BE SEEDBED SHALL HAVE A FIRM SEEDBED WHICH HAS PREVIOUSLY BEEN ROUGHENED BY SCARIFYING, DISKING, HARROWING, CHISELING, OR OTHERWISE WORKED TO A DEPTH OF TWO TO FOUR INCHES (2" - 4"). NO IMPLEMENT SHALL BE USED THAT WILL CREATE AN EXCESSIVE AMOUNT OF DOWNWARD MOVEMENT OF SOIL OR CLODS OF SLOPING AREAS. SEEDBED MAY BE PREPARED AT TIME OF COMPLETION OF EARTH-MOVING WORK.

3. FERTILIZING - FERTILIZER SHALL BE DISTRIBUTED UNIFORMLY OVER THE SEEDBED AT THE RATE OF 300 POUNDS PER ACRE, AND SHALL BE IN SUCH PHYSICAL CONDITION TO INSURE UNIFORM APPLICATION OVER THE AREA TO BE FERTILIZED. FERTILIZER MAY BE APPLIED IN ANY WAY THAT WILL RESULT IN UNIFORM DISTRIBUTION. THE FERTILIZER SHALL BE INCORPORATED INTO THE SOIL.

4. SEEDING - SEED SHALL BE BROADCAST BY HAND, MECHANICAL HAND SEEDER, POWER OPERATED SEEDER, HYDROSEEDER OR OTHER APPROVED EQUIPMENT. SEED SHALL HAVE A SOIL COVER OF NOT MORE THAN ONE-HALF INCH. SEEDING WILL BE CARRIED OUT USING EITHER OF THE FOLLOWING METHODS:

METHOD 1 THE SEED MAY BE DRILLED, NOT TO EXCEED ONE-HALF (1/2) INCH DEEP AND CULTPACKED OR ROLLED ONCE OVER WITH A CORRUGATED ROLLER ON ALL AREAS WHERE EQUIPMENT CAN BE OPERATED SAFELY. SEED OPERATIONS WILL BE ACROSS THE SLOPE.

METHOD 2 THE SEED MAY BE APPLIED IN A SLURRY MIX OF WOOD CELLULOSE FIBER DISTRIBUTED UNIFORMLY AT THE PRESCRIBED RATE. THE APPLICATION UNIT USED FOR "HYDRO MULCH" SHALL BE EQUIPPED WITH AN AGITATOR TO MAINTAIN THE SEED AND MULCH IN SUSPENSION WITHIN THE UNIT'S TANK PRIOR TO AND DURING APPLICATION.

METHOD 3 WHERE EMERGENCY TREATMENT OF EXPOSED SOILS EXTENDS BEYOND OCTOBER 15, EMERGENCY MULCHING WITHOUT SEED WILL BE PRESCRIBED IN ACCORDANCE WITH "SOIL STABILIZATION MEASURES" DESCRIBED PREVIOUSLY.

SPECIAL NOTE: A MINIMUM 70% SEED GERMINATION WITH AT LEAST 1" GROWTH MUST BE OBTAINED BY DECEMBER 1ST, OR AREA MUST BE COVERED WITH STRAW MULCH.

Fugitive Dust Prevention/Control and Asbestos Hazard Dust Mitigation Notes

1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 10, "DUST CONTROL" OF THE STANDARD SPECIFICATIONS, COUNTY OF EL DORADO AIR POLLUTION CONTROL DISTRICT (APCD) RULE 223, AND COUNTY OF EL DORADO ORDINANCE 4548. COPIES OF APCD RULE 223 AND ORDINANCE 4548 MAY BE OBTAINED FROM THE COUNTY OF EL DORADO DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, 2850 FAIRLANE COURT, PLACERVILLE, CA 95667.

2. THE CONTRACTOR SHALL KEEP A COPY OF THE FUGITIVE DUST PLAN AND THE ASBESTOS MITIGATION PLAN (IF ISSUED) AT THE CONSTRUCTION SITE AT ALL TIMES DURING THE CONSTRUCTION PERIOD.

MLRA 22

FOR SEEDING PERFORMED BETWEEN SEPTEMBER 15 AND OCTOBER 15 KIND OF SEED AND AMOUNT (HYDROSEEDDED OR BROADCASTED)			
POTOMAC ORCHARD GRASS OR LUNA PUBESCENT WHEAT GRASS OR TOPAR PUBESCENT WHEAT GRASS AND WIMMERA '62' RYE GRASS	24 LBS/ACRE 36 LBS/ACRE 36 LBS/ACRE 6 LBS/ACRE	0.55 LBS/1000 Sqft 0.80 LBS/1000 Sqft 0.80 LBS/1000 Sqft .15 LBS/1000 Sqft	
A STRAW MULCH COVERING SHALL BE APPLIED OVER THE SURFACE OF THE SEEDDED AREA. MULCHING SHALL FOLLOW IMMEDIATELY AFTER SEEDING UNLESS OTHERWISE DIRECTED. STRAW WILL BE REQUIRED FOR MULCH MATERIAL. IF PROJECT IS BROADCAST SEEDDED, DRILL SEEDDED, OR HYDROSEEDDED, STRAW MULCH WILL STILL BE REQUIRED.			
FOR SEEDING NOT PERFORMED BETWEEN SEPTEMBER 15 AND OCTOBER 15 HYDROSEEDDED OR BROADCASTED			
POTOMAC ORCHARD GRASS OR LUNA PUBESCENT WHEAT GRASS OR TOPAR PUBESCENT WHEAT GRASS AND WIMMERA '62' RYE GRASS	48 LBS/ACRE 72 LBS/ACRE 72 LBS/ACRE 12 LBS/ACRE	1.10 LBS/1000 Sqft 1.60 LBS/1000 Sqft 1.60 LBS/1000 Sqft .3 LBS/1000 Sqft	
A STRAW MULCH COVERING SHALL BE APPLIED OVER THE SURFACE OF THE SEEDDED AREA. MULCHING SHALL FOLLOW IMMEDIATELY AFTER SEEDING UNLESS OTHERWISE DIRECTED. STRAW WILL BE REQUIRED FOR MULCH MATERIAL. IF PROJECT IS BROADCAST SEEDDED, DRILL SEEDDED, OR HYDROSEEDDED, STRAW MULCH WILL STILL BE REQUIRED.			

Notes-SITE CONSULTING, INC

1. THE CONTRACTOR SHALL PROCURE AT HIS OWN EXPENSE ALL PERMITS, LICENSES, INSURANCE POLICIES, ETC., NOT ALREADY OBTAINED BY THE OWNER AS MAY BE NECESSARY TO COMPLY WITH FEDERAL, STATE AND LOCAL LAWS ASSOCIATED WITH THE PERFORMANCE OF THE WORK.

2. EXISTING UTILITIES ARE INDICATED ON THE PLANS WHERE SUCH UTILITIES ARE KNOWN. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE, PROTECT AND MAINTAIN ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT, (USA) 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. (TELEPHONE 1-800-642-2444) ALSO NOTIFY THE EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION WORK.

3. PERIODIC INSPECTION AND REPAIR WILL BE REQUIRED BY THE OWNER TO KEEP DRAINAGE IMPROVEMENTS OPERABLE. REMOVAL OF SEDIMENT DEPOSITS AND VEGETATIVE MATERIALS IN PIPES, INLET STRUCTURES AND DRAINAGE INVERTS SHALL BE PERFORMED AT A REGULAR MAINTENANCE INTERVAL TO PREVENT ACCUMULATION AND OBSTRUCTION OF DRAINAGE IMPROVEMENT OPERATION.

4. THE CONTRACTOR SHALL NOTIFY THE SOILS ENGINEER, OWNER AND THE COUNTY OF EL DORADO AT LEAST 24 HOURS PRIOR TO ANY GRADING.

5. ALL GRADING IS TO BE DONE IN ACCORDANCE WITH THE COUNTY OF EL DORADO REQUIREMENTS AND THE SOILS ENGINEER:

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL TEMPORARY EROSION CONTROL MEASURES SHOWN ON THE EROSION CONTROL PLAN. ALL SUCH MEASURES SHALL CONFORM TO THE COUNTY OF EL DORADO GRADING, EROSION AND SEDIMENT CONTROL ORDINANCE TO ENSURE THAT SEDIMENT LADEN RUNOFF DOES NOT LEAVE THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PERFORMANCE OF THE TEMPORARY EROSION CONTROL MEASURES THROUGH THE DURATION OF THE PROJECT. IF GRADING ACTIVITIES ARE NOT COMPLETED BY OCTOBER 15, THE OWNER SHALL IMPLEMENT THE TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE EROSION CONTROL PLAN. ALL AREAS GRADED DURING THE RAINY SEASON (OCTOBER 15 - MAY 15) SHALL BE RE-VEGETATED WITHIN 15 DAYS UPON COMPLETION.

7. EARTHWORK ESTIMATES ARE TO BE USED FOR ESTIMATING PURPOSES ONLY AND NO GUARANTEE IS MADE AS TO THE ACCURACY OF THIS INFORMATION. THE CONTRACTOR ACKNOWLEDGES THAT HE IS SATISFIED AS TO THE CHARACTER, QUALITY, AND QUANTITY OF THE SURFACE AND SUBSURFACE MATERIALS TO BE ENCOUNTERED AND WILL BE RESPONSIBLE FOR PROPERLY ESTIMATING THE DIFFICULTY OR COST OF SUCCESSFULLY PERFORMING THE WORK.

CUBIC YARDS - EXCAVATION: 800± CUBIC YARDS - EXPORT: 0

CUBIC YARDS - EMBANKMENT: 800± CUBIC YARDS - IMPORT: 0

8. IT IS THE APPLICANT AND CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL THE STATE AND FEDERAL LAWS AND REGULATIONS INCLUDING THE FEDERAL AND STATE ENDANGERED SPECIES ACT AND THE CLEAN WATER ACT FOR ALL ON-SITE IMPACTS. THE COUNTY GRADING PERMIT DOES NOT AUTHORIZE THE CONTRACTOR TO CONDUCT ACTIVITIES NOT PERMITTED BY APPLICABLE STATE AND FEDERAL AGENCIES IN AREAS SUBJECT TO STATE AND FEDERAL JURISDICTION.

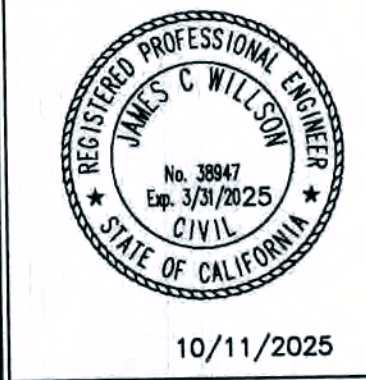
9. THE AREA OF DISTURBANCE IS APPROXIMATELY 0.4 ACRES.

Standard General Notes
Grading and Drainage Notes

- MATERIALS, CONSTRUCTION QUALITY, AND METHODS FOR THIS PROJECT ARE SUBJECT TO THE COUNTY OF EL DORADO DESIGN AND IMPROVEMENT STANDARD PLANS, AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS.
- ALL WORK SHALL BE ACCOMPLISHED TO THE SATISFACTION OF THE COUNTY OF EL DORADO, AUTHORIZED REPRESENTATIVE.
- ALL REFERENCE TO COUNTY SHALL MEAN THE COUNTY OF EL DORADO OR AUTHORIZED REPRESENTATIVE.
- ALL REFERENCE TO THE STANDARD SPECIFICATIONS SHALL MEAN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JULY 2006.
- THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY, WHO SHALL HAVE FULL AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR ON SITE AT ALL TIMES DURING WORKING HOURS.
- THE CONTRACTOR SHALL NOTIFY COUNTY AND RCD 48 HOURS IN ADVANCE OF COMMENCING WORK TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE AND INSPECTION WITH THE ENGINEER AND COUNTY. NO WORK SHALL BEGIN UNTIL AFTER THE PRE-CONSTRUCTION CONFERENCE AND INSPECTION HAVE BEEN COMPLETED.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7, "LEGAL RELATIONS AND RESPONSIBILITY" OF THE STANDARD SPECIFICATIONS.
- RIGHTS TO ENTER AND CONSTRUCT SHALL BE OBTAINED PRIOR TO CONSTRUCTING ANY OFF-SITE WORK SHOWN IN THE PLANS. COPIES OF SUCH DOCUMENTS SHALL BE KEPT ON-SITE AT ALL TIMES DURING THE PERFORMANCE OF OFF-SITE WORK.
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) 811 OR 1-800-227-2600 PRIOR TO PERFORMING ANY EXCAVATION ON THE PROJECT SITE. THE OWNER(S) OF IDENTIFIED EXISTING UNDERGROUND FACILITIES SHALL ALSO BE CONTACTED PRIOR TO CONSTRUCTION.
- STAKING MAY BE REQUIRED BY COUNTY DUE TO THE NATURE AND/OR COMPLEXITY OF THE WORK. LOST OR DAMAGED STAKES SHALL BE REPLACED TO THE SATISFACTION OF COUNTY WHETHER RESULTING FROM CONSTRUCTION PROCEDURES, VANDALISM, OR ANY OTHER CAUSE.
- CONSTRUCTION HOURS SHALL BE LIMITED FROM MONDAY THROUGH SATURDAY, 7:00 A.M. TO 7:00 P.M. DURING WEEKDAYS AND 8 A.M. TO 5 P.M. ON SATURDAY. ALL HEAVY EQUIPMENT AND ANY INTERNAL COMBUSTION ENGINES SHALL BE FITTED WITH ADEQUATE MUFFLERS.
- THE CONTRACTOR SHALL PROVIDE, PLACE AND MAINTAIN ALL LIGHTS, SIGNS, DELINEATORS, BARRICADES, TEMPORARY TRAFFIC STRIPING, FLAGMEN, DETOURS OR OTHER DEVICES NECESSARY TO PROVIDE FOR THE SAFE AND CONVENIENT PASSAGE OF PUBLIC VEHICLE AND PEDESTRIAN TRAFFIC THROUGH THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL OBTAIN THE EXPRESS WRITTEN CONSENT OF COUNTY PRIOR TO IMPLEMENTING ANY LANE CLOSURE OR DETOUR ON A COUNTY MAINTAINED STREET OR HIGHWAY. ALL LANE CLOSURES OR DETOURS SHALL CONFORM TO CHAPTER 5, "TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES" OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION TRAFFIC MANUAL (LATEST EDITION).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL DURING CONSTRUCTION. AT LEAST ONE WATER TRUCK SHALL BE ON SITE AT ALL TIMES. ADDITIONAL EQUIPMENT MAY BE REQUIRED AS DETERMINED BY COUNTY.
- IF THE PRESENCE OF SERPENTINE ROCK (SAF) IS DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, CITY AND THE EL DORADO COUNTY DEPARTMENT OF ENVIRONMENTAL MANAGEMENT THAT SERPENTINE ROCK IS PRESENT ON THE SITE.
- UPON JOB COMPLETION, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE INFORMATION TO SITE CONSULTING, INC. (ENGINEER), REGARDING ANY MATERIAL CHANGES MADE DURING CONSTRUCTION AS WELL AS ANY OTHER INFORMATION REQUIRED TO BE SHOWN ON THE RECORD DRAWINGS BY COUNTY.
- CLEARING AND GRUBBING SHALL CONFORM TO THE PROVISIONS OF SECTION 16, "CLEARING AND GRUBBING" OF THE STANDARD SPECIFICATIONS. ROOTS, STUMPS, TREES, ROCKS OR OTHER DELETERIOUS SUBSTANCES SHALL BE DISPOSED OF OFF-SITE AND IN A LAWFUL MANNER.
- EARTHWORK SHALL CONFORM TO THE PROVISIONS OF SECTION 19, "EARTHWORK" OF THE STANDARD SPECIFICATIONS. WIDENING OF EMBANKMENTS AND FLATTENING OF SLOPES, WHICH RESULT IN AN INCREASED AREA OF GRADING, WILL NOT BE PERMITTED WITHOUT EXPRESS WRITTEN APPROVAL OF COUNTY.
- AGGREGATE BASE SHALL CONFORM TO THE PROVISIONS OF SECTION 26, "AGGREGATE BASE" OF THE STANDARD SPECIFICATIONS FOR CLASS 2 AGGREGATE BASE, 3/4" MAXIMUM GRADATION. AGGREGATE BASE SHALL NOT BE PLACED UNTIL THE PRIOR GRADING PLANE HAS BEEN APPROVED BY COUNTY.

- ASPHALT CONCRETE SHALL CONFORM TO THE PROVISIONS OF SECTION 39, "ASPHALT CONCRETE" OF THE STANDARD SPECIFICATIONS FOR TYPE B ASPHALT CONCRETE. ASPHALT BINDER SHALL BE PERFORMANCE GRADE 64-16. AGGREGATE FOR THE TOP LIFT SHALL BE 1/2" MAXIMUM, MEDIUM GRADATION. AGGREGATE FOR LOWER LIFTS SHALL BE 3/4" MAXIMUM, MEDIUM GRADATION. LIFT THICKNESS SHALL CONFORM TO THE PROVISIONS OF SECTION 39-6. "SPREADING AND COMPACTION" OF THE STANDARD SPECIFICATIONS. ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL THE PRIOR GRADING PLANE HAS BEEN APPROVED BY CITY, AND ALL UTILITIES WITHIN THE PAVED AREA HAVE BEEN PLACED, TESTED, AND APPROVED.
- PRECAST CONCRETE STRUCTURES SHALL CONFORM TO SECTION 70-1.02H "PRECAST CONCRETE STRUCTURES" OF THE STANDARD SPECIFICATIONS.
- IF BLASTING ACTIVITIES ARE TO OCCUR IN CONJUNCTION WITH DEVELOPMENT, THE DEVELOPER SHALL ENSURE THAT SUCH BLASTING ACTIVITIES ARE CONDUCTED IN COMPLIANCE WITH STATE AND LOCAL REGULATIONS.
- IF BURNING ACTIVITIES ARE TO OCCUR DURING CONSTRUCTION, THE DEVELOPER SHALL OBTAIN THE NECESSARY BURNING PERMITS FROM THE CALIFORNIA DEPARTMENT OF FORESTRY AND AIR POLLUTION PERMITS FROM THE COUNTY PRIOR TO SAID BURNING ACTIVITIES.
- OMISSIONS AND ERRORS ON PLANS SHALL NOT BE VALID, AND ALL CODES AND LAWS MUST BE COMPLIED WITH BY THE OWNER, ENGINEER AND CONTRACTOR.
- IMPORT OR EXPORT OVER 250 CUBIC YARDS TO ANY OFF-SITE BORROW OR DISPOSAL SITE WILL REQUIRE A SEPARATE GRADING PERMIT FOR THE OFF-SITE LOCATION.
- STORAGE: VEHICLE PARKING AND MATERIAL STORAGE DURING CONSTRUCTION SHALL NOT RESTRICT OR OBSTRUCT STREETS, ROADS, AND/OR ACCESS/EGRESS TO ANY STRUCTURE. A MINIMUM TWELVE (12) FEET TRAVEL LANE FOR EMERGENCY VEHICLE ACCESS SHALL BE MAINTAINED CLEAR AND UNOBTSTRUCTED AT ALL TIMES INCLUDING DURING CONSTRUCTION.
- RULE 300 OPEN BURNING: BURNING OF WASTES ON-SITE REQUIRES THE APPLICANT CONTACT THE DISTRICT PRIOR TO THE COMMENCEMENT OF ANY BURNING FOR NECESSARY BURN PERMIT REQUIREMENTS. ONLY VEGETATIVE WASTE MATERIALS ARE PERMITTED TO BE DISPOSED OF USING AN OPEN OUTDOOR FIRE. PROJECT CONSTRUCTION SHALL ADHERE TO DISTRICT RULE 300 OPEN BURNING.
- CUTBACK AND EMULSIFIED ASPHALT: PROJECT CONSTRUCTION SHALL ADHERE TO DISTRICT RULE 224 CUTBACK AND EMULSIFIED ASPHALT PAVING MATERIALS.

James C. Willson
JAMES C. WILLSON, PE, PLS



10/11/2025

Revisions	DATE	BY	DESCRIPTION
1		SW	SW

JAMES WILLSON, PE, PLS
SITE CONSULTING, INC.
3460 ANGEL LANE
PLACERVILLE, CA 95667

EROSION CONTROL
GRADING NOTES

Project Location:
NF 12N30
1 BULLARD PLACE
1 POLLOCK PLACE
PLACERVILLE, CA 95667
APN: 011-030-055-000

Ownership information:
MICHAEL KUHLL
155 RIDGEWOOD DR.
SAN RAFAEL, CA 94901-11361

RECEIVED

SEP - 9 2024

EL DORADO COUNTY
PLANNING AND BUILDING DEPARTMENT

DESIGNED	DATE
BRW	2/8/2024
CHECKED	
JW	
DATE	

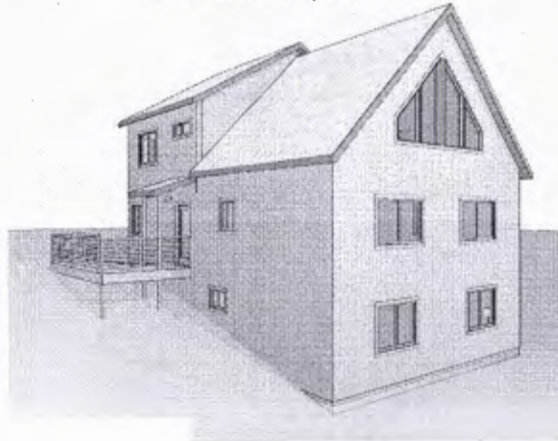
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CUP24-0011

C4 OF 4

KUHL RESIDENCE

1 BULLARD PLACE (APN: 011-030-058)
POLLOCK PINES, CA



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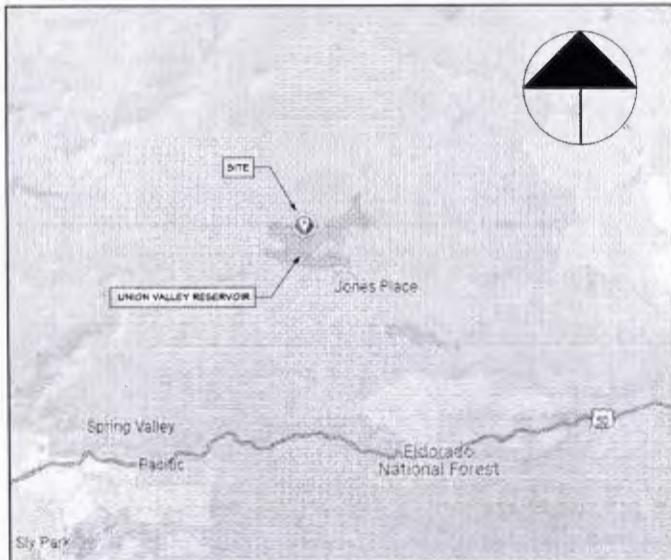
SEP - 9 2024

EL DORADO COUNTY
PLANNING AND BUILDING DEPARTMENT



COVERSHEET
KUHL RESIDENCE
1 BULLARD PLACE (APN: 011-030-058)
POLLOCK PINES, CA

VICINITY MAP



SCOPE OF WORK

CONSTRUCT A NEW RESIDENCE.

SQUARE FOOTAGE SUMMARY

MAIN LEVEL	1120 SF
LOWER LEVEL	788 SF
UPPER LEVEL	635 SF
	2543 SF
ENTRY DECK	179 SF
	179 SF

PROJECT INFORMATION

CONSTRUCTION TYPE: V-B
OCCUPANCY GROUP: R3
SPRINKLERED: YES
STORIES ABOVE GRADE: 3

2022 CALIFORNIA RESIDENTIAL CODE
2022 CALIFORNIA PLUMBING CODE
2022 CALIFORNIA MECHANICAL CODE
2022 CALIFORNIA ELECTRICAL CODE
2022 CALIFORNIA BUILDING CODE
2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

SHEET INDEX

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A1.0	ARCHITECTURAL FLOOR PLANS
A2.0	ELEVATIONS
A3.0	ARCHITECTURAL ROOF PLAN & SECTIONS
E1.0	ELECTRICAL PLANS
S1.0	GAS PIPING PLAN
S1.0	STRUCTURAL FLOOR PLANS
S2.0	FOUNDATION & MAIN FLOOR FRAMING PLANS
S3.0	UPPER FLOOR FRAMING & ROOF FRAMING PLANS
SD1	STRUCTURAL DETAILS
SD2	STRUCTURAL DETAILS
SD3	STRUCTURAL DETAILS
SH1	STRUCTURAL NOTES
C1 - C4	CIVIL PLANS
FP1	FIRE SPRINKLER PLAN

REVISIONS



SHEET #

A0.0

CUP24-0011 Kuhl Exhibit T - Building Plans

Title-24 Energy Requirement Summary

Project: Kuhl Custom Home 1 Bullard Place
This Project complies with the Residential 2022 Building Energy Efficiency Standards with the following minimum assemblies and efficiencies.

HERS VERIFICATIONS REQUIRED (see below)

Envelope Assemblies:
Roofing = Radiant Barrier on Sheathing Not Required. Cool Roof Shingles Not Required.
Ceiling = R-38 Insulation or blown in Ltd. Vented Attic, Metal or Composite Roof
Vented Ceiling = R-38 in Vault Ceiling, Sheathing, Comp or Metal Roof
Walls = 2x6, R-21, Wood Siding or Stucco
Underground Walls = Min. 6" Concrete/Masonry, 2x6 Wood Frame, R-21, Gyp.
Floor = R-30 Rigid Floor
Front Door Orientation: 315 degrees (on plot plan)

Glazing:
Average Weighted Total = Wood, Vinyl, or T.B. Metal, Argon, Low-E3 (U=28 & epg=30)
Shades / Solar Tubes = NA

HVAC:

Whole House Fan = Not Required
Total Zone = 6000sq Ducted Gas Furnace rated at a minimum 95% ef.
NOTE: Pre-wire FAU Area for Future Electrification, required per Mandatory Measures
Ducting = R-6.0 Insulated Ducts located in crawl space w/ min. 2" MERV 13 RA & HRV Filters
HRV / ERV = 8cm B130485 (or equal) rated at 110cm, SRE 56, ASRE 52, 49cm/15
HRV / ERV = All components (supply inlet, filter, cores) are accessible per RACM
Sizing of HVAC equipment is for reference only.
Mechanical Contractor responsible for properly sizing and installing the HVAC system.

Solar P.V.: Minimum 6.0 kWhdc / 180 Array / 2200w Array / 4.8 TB / 96% Inverter Eff
Battery Storage: Basic Control, 120kWh (60kWh), 80% Charging/Discharging Efficiency, 50W Run

* HERS Verification / Testing Required:
HERS Indoor Air Quality Balanced HRV (110cm) Verification & HERS Requirements
HERS Verification of Kitchen Exhaust Hood (per tables 150.0-G-H attached & per HVI or AHAM)
HERS Duct Leakage Test (<5%)
HERS Verification of R-7.2 Hot Water Pipe Insulation

Domestic Hot Water:
(1) Instantaneous Gas rated at a max. 190kWh Input and a min. .95 UEF, R-7.2 pipe
insulation required on all hot water pipes. No Recirc. Pre-wire for Future Electrification
required per Mandatory Measures

Appliances:
Oven/Stove top = Electric or Gas (Pre-wire for Future Electrification required per Mandatory Measures)
Clothes Dryer = Electric or Gas (Pre-wire for Future Electrification required per Mandatory Measures)

2022 Building Energy Efficiency Standards

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GREEN BUILDING CODE NOTES:

- PLUMBING FIXTURES AND FITTINGS REQUIRED IN SECTION 4.309.1 SHALL BE INSTALLED IN ACCORDANCE WITH THE PLUMBING CODE, AND SHALL MEET THE APPLICABLE REFERENCED STANDARDS. C655C 4.309.2
- AUTOMATIC IRRIGATION SYSTEMS CONTROLLERS INSTALLED AT THE TIME OF FINAL INSPECTION SHALL BE PROVIDED WITH INTEGRAL RAIN SENSORS OR SOIL MOISTURE SENSORS THAT ADJUST IRRIGATION IN RESPONSE TO CHANGE IN PLANTS' NEEDS AS WEATHER CONDITIONS CHANGE. C655C 4.306.1
- ANNUAL SPACERS AROUND PIPES, ELECTRICAL CABLES, CONDUITS OR OTHER OPENINGS IN FLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF INSECTS BY CLOSING SUCH OPENING WITH GEMENT MORTAR, CONCRETE MASONRY OR SIMILAR ACCEPTABLE METHODS. C655C 4.406
- A MINIMUM OF 15 PERCENT OF THE CONSTRUCTION WASTE GENERATED AT THE SITE SHALL BE DIVERTED TO RECYCLE OR SALVAGE. C655C 4.408.1
- AN OPERATION AND MAINTENANCE MANUAL SHALL BE PROVIDED PRIOR TO FINAL INSPECTION. C655C 4.410.1
- GAS FIREPLACES SHALL BE A DIRECT-VENT SEALED COMBUSTION TYPE. WOODPELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSIONS LIMITS. C655C 4.305.1
- DUCT AND VENT OPENINGS SHALL BE COVERED DURING CONSTRUCTION. C655C 4.304.1
- ADHESIVES, SEALANTS AND CAULK SHALL BE COMPLIANT WITH VOC AND OTHER TOXIC COMPOUND LIMITS. C655C 4.304.2.1
- PAINTS, STAINS, AND OTHER COATINGS SHALL BE COMPLIANT WITH VOC LIMITS.
- AEROSOL PAINTS AND COATINGS SHALL BE COMPLIANT WITH PRODUCTS WEIGHTED HAP LIMITS FOR ROG AND OTHER TOXIC COMPOUNDS. C655C 4.304.2.2
- DOCUMENTATION SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC LIMIT FINISH MATERIALS HAVE BEEN USED. C655C 4.304.2.4
- CARPET AND CARPET SYSTEMS SHALL BE COMPLIANT WITH VOC LIMITS. C655C 4.304.3
- 80 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH THE VOC EMISSION LIMITS DEFINED IN THE COLLABORATIVE OF HIGH PERFORMANCE SCHOOLS (CHPS) HIGH PERFORMANCE PRODUCTS DATABASE OR COMPLIANT WITH CHPS CRITERIA CERTIFIED UNDER THE GREEN GUARD CHILDREN & SCHOOLS PROGRAM OR BE CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOOR SCORE PROGRAM OR MEET THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS." C655C 4.304.4
- PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF) AND HARDWOOD FLOORING USED IN INTERIOR FINISH SYSTEMS SHALL COMPLY WITH LOW FORMALDEHYDE EMISSION STANDARDS. C655C 4.304.5
- MOISTURE CONTENT OF BUILDING MATERIALS USED IN ENCLOSED WALL AND FLOOR FRAMING IS CHECKED BEFORE ENCLOSURE AND CANNON EXCEED 19%. C655C 4.305.3
- DUCT SYSTEMS SHALL BE SIZED AND DESIGNED AND EQUIPMENT SHALL BE SELECTED USING THE FOLLOWING METHODS: C655C 4.301.2
- A. ESTABLISH HEAT LOSS AND HEAT GAIN VALUES ACCORDING TO ANSI/ACCA MANUAL J-301 OR EQUIVALENT
- B. SIZE DUCT SYSTEMS ACCORDING TO ANSI/ACCA MANUAL D-2016 OR EQUIVALENT
- C. SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSI/ACCA MANUAL S-2014 OR EQUIVALENT

PLUMBING FIXTURE REQUIREMENTS:

- WATER CLOSETS: <= 1.28 gal/flush. C655C 4.303.1
- SINGLE SHOWERHEADS: <= 1.8 gpm @ 80 psi. C655C 4.303.1.3
- MULTIPLE SHOWERHEAD COMBINED FLOW RATES OF ALL SHOWERHEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 gpm @ 80 psi OR ONLY ONE SHOWER OUTLET IS TO BE IN OPERATION AT A TIME. C655C 4.303.1.3.2
- RESIDENTIAL LAVATORY FAUCETS: <= 1.2 gpm @ 80 psi. C655C 4.303.1.4.1
- KITCHEN FAUCETS: <= 1.5 gpm @ 80 psi TEMPORARY INCREASE TO 2.2 gpm ALLOWED BUT SHALL DEFAULT TO 1.5 gpm @ 3.05 1.4.4

WATER HEATER NOTES:

- WATER HEATER SHALL HAVE ISOLATION VALVES ON BOTH THE COLD WATER SUPPLY AND THE HOT WATER PIPE LEAVING THE WATER HEATER AND NOSE BIBS OR OTHER FITTINGS ON EACH VALVE FOR FLUSHING THE WATER HEATER WHEN THE VALVES ARE CLOSED.
- PROVIDE A WATER-TIGHT DRAIN PAN OF CORROSION-RESISTANT MATERIALS BENEATH THE WATER HEATER W/ A 3/4" DRAIN TO AN APPROVED LOGATO
- A CONDENSATE DRAIN THAT IS A MAXIMUM OF 2" HIGHER THAN THE BASE OF THE INSTALLED WATER HEATER THAT ALLOWS NATURAL DRAIN WITHOUT PUMP ASSISTANCE SHALL BE INSTALLED.
- A CATCHOFF IN, IN OR A TYPE B VENT WITH A STRAIGHT PIPE BETWEEN THE OUTSIDE TERMINAL AND THE SERVICE WHERE THE WATER HEATER IS LOCATED SHALL BE INSTALLED.
- TANK TYPE WATER HEATER REQUIRES 2 SEISMIC STRAPS, ONE TRAP WITHIN THE UPPER 18" AND THE OTHER WITHIN THE LOWER 18" OF THE WATER HEATER. THE LOWER STRAP SHALL NOT BE WITHIN 4" OF THE CONTROLS. CFC 501.2
- STORAGE TYPE WATER HEATER SHALL BE PROVIDED WITHIN AN APPROVED, LISTED, ADEQUATELY SIZED COMBINATION PRESSURE AND TEMPERATURE RELIEF VALVE WHERE A PRESSURE REGULATOR IS INSTALLED, AN APPROVED, LISTED EXPANSION TANK OR OTHER DEVICE SHALL BE INSTALLED TO CONTROL INTERMITTENT THERMAL EXPANSION. CFC 605.2 & 605.3
- WATER HEATERS INSTALLED IN THE GARAGE SHALL BE INSTALLED SO THAT ALL BURNERS AND BURNER-IGNITION OR APPLIANCES ARE LOCATED NOT LESS THAN 18" ABOVE THE FLOOR UNLESS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. SUCH APPLIANCES SHALL BE PROTECTED FROM AUTO IMPACT. CFC 607.13 & 501.13.1
- WATER HEATERS AND OTHER BURNER & BURNER-IGNITION APPLIANCES THAT ARE INSTALLED IN THE GARAGE AND ADJACENT SPACES THAT OPEN TO THE GARAGE SHALL NOT BE LOCATED NOT LESS THAN 9 INCHES ABOVE THE FLOOR AND SHALL CONFORM WITH ONE OF THE FOLLOWING (PER CFC 509.1.1):
 - SHALL BE GUARDED AGAINST DAMAGE BY A PROTECTIVE BARRIER SHALL BE ELEVATED
 - SHALL BE LOCATED OUT OF THE NORMAL PATH OF VEHICLES.

WILDLAND URBAN INTERFACE NOTES:

- THIS PROJECT IS SUBJECT TO THE WILDLAND URBAN INTERFACE REQUIREMENTS. THE FOLLOWING METHODS FOR EXTERIOR FIREPROOF EXPOSURE UNDER THE FOLLOWING CODE SECTIONS SHALL APPLY:
- EXTERIOR WALL FINISHES / SIDING REQUIREMENTS: THIS PROJECT IS CONSTRUCTED WITH NON-COMBUSTIBLE OR IGNITION RESISTANT HARDYBOARD GEMENT SIDING THAT MEET THE PERFORMANCE CRITERIA IN ACCORDANCE WITH THE TEST PROCEDURES FOR A 10-MINUTE DIRECT FLAME CONTACT EXPOSURE TEST SET FORTH IN SPH STANDARD 13-1A-1. VENTING EYES & OVERHANGING VENTILATION OPENINGS FOR ENCLOSED ATTICS, ENCLOSED EYE SOFFIT SPACES, ENCLOSED RAFTER SPACES FORMED WHERE GELINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS, AND UNDER FLOOR VENTILATION OPENINGS SHALL MEET THE FOLLOWING REQUIREMENTS: 1) THE DIMENSIONS OF THE OPENINGS SHALL BE A MINIMUM OF 1/16" AND NOT TO EXCEED 1/8". 2) THE MATERIALS USED SHALL BE NON-COMBUSTIBLE. 3) THE MATERIALS SHALL BE CORROSION RESISTANT. VULCAN VENTS SHALL BE USED TO MEET THESE REQUIREMENTS.
 - WINDOM GLAZING & DOOR PROTECTION: ALL OF THE FOLLOWING SHALL BE CONSTRUCTED OF DUAL GLAZED TEMPERED PANES MEETING THE REQUIREMENTS OF SECTION 2406 SAFETY GLAZING: 1) EXTERIOR WINDOM. 2) EXTERIOR GLAZED DOORS. 3) GLAZED OPENINGS WITHIN EXTERIOR DOORS. 4) GLAZED OPENINGS WITHIN EXTERIOR GARAGE DOORS. 5) EXTERIOR STRUCTURAL GLASS VENEER.
 - EXTERIOR DOORS: SHALL BE A SOLID CORE, NON-COMBUSTIBLE OR IGNITION RESISTANT MATERIAL. PER CFC 301.8
 - VEGETATION MANAGEMENT COMPLIANCE: PRIOR TO BUILDING PERMIT FINAL APPROVAL, THE PROPERTY SHALL BE IN COMPLIANCE WITH THE VEGETATION MANAGEMENT REQUIREMENTS PRESCRIBED IN CALIFORNIA PUBLIC RESOURCES CODE 4241 OR CALIFORNIA GOVERNMENT CODE SECTION 51162. ACCEPTABLE METHODS OF COMPLIANCE INSPECTION AND DOCUMENTATION SHALL BE DETERMINED BY THE ENFORCING AGENCY AND MAY INCLUDE ANY OF THE FOLLOWING: 1) LOCAL, STATE OR FEDERAL FIRE AUTHORITY OR DESIGNER AUTHORIZED TO ENFORCE VEGETATION MANAGEMENT REQUIREMENTS. 2) ENFORCING AGENCY. 3) THIRD PARTY INSPECTION AND CERTIFICATION AUTHORIZED TO ENFORCE VEGETATION MANAGEMENT REQUIREMENTS. 4) PROPERTY OWNER CERTIFICATION AUTHORIZED BY THE ENFORCING AGENCY. THE EXPOSED UNDERSIDE OF EXTERIOR PORCH GELINGS AND SOFFITS SHALL BE GLAZED IN NON-COMBUSTIBLE AND / OR IGNITION RESISTANT HARDYBOARD.

DOOR NOTES:

ALL EXTERIOR DOORS SHALL BE SOLID CORE W/ STILES AND RAILS NOT LESS THAN 1-3/8" THICK WITH INTERIOR FILL PANEL THICKNESS NO LESS THAN 1-1/4" OR SHALL HAVE A FIRE RATING OF 20 MINUTES. PER CFC 903.1.5

TEMPERED GLASS REQUIREMENTS:

- GLAZING IN ENCLOSURES FOR WALLS FACING BATHROOMS OR SHOWERS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 40" A.F.F. AND LESS THAN 60" FROM THE TURSHOWER SHALL BE TEMPERED.
- GLAZING ADJACENT TO THE STAIRWAY WITHIN 60" HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 36" ABOVE THE NOSE OF THE TREAD SHALL BE TEMPERED.
- GLAZING ADJACENT TO A DOOR AND WHERE GLAZING IS LESS THAN 40" A.F.F. AND MEET THE BELOW REQUIREMENTS PER CFC 900.4:
 - ALL WINDOM ADJACENT TO AND WITHIN 24" OF EITHER EDGE OF A DOOR IN THE CLOSED POSITION
 - GLAZING IS ON A WALL PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN 24" OF THE HINGE SIDE OF AN IN-SWINGING DOOR.
- TEMPERED GLASS IS REQUIRED IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 - THE EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER THAN 9 SQUARE FEET.
 - THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 15 INCHES ABOVE THE FLOOR.
 - THE TOP EDGE OF THE GLAZING IS MORE THAN 36 INCHES ABOVE THE FLOOR; AND
 - ONE OR MORE WALKING SURFACES ARE WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE GLAZING.
- GLAZING IN ALL FIXED AND OPERABLE PANELS OF SPINNING OR SLIDING DOORS.
- GLAZING ADJACENT TO STAIRWAYS OR LANDINGS WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 36" ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.

EGRESS WINDOW REQUIREMENTS:

- CLEAR OPENING THAT IS A MINIMUM OF 20" HIGH AND 20" WIDE.
- NET CLEAR, OPERABLE AREA OF NOT LESS THAN 5.7 SQUARE FEET. EXCEPTION: GRADE FLOOR OPENINGS OR BELOW GRADE OPENINGS SHALL HAVE A NET CLEAR OPENING AREA OF NOT LESS THAN 5.7 SQUARE FEET.
- sill HEIGHT TO BE A MAXIMUM OF 44" ABOVE THE FLOOR.

Table 150.0-F-1 Demand-Controlled Local Ventilation Exhaust Airflow Rates and Capture Efficiency

Application	Exhaust Airflow Rate (cfm)	Capture Efficiency (%)
Residential Kitchen	100	75
Residential Bathroom	50	75

Table 150.0-G-1 Continuous Local Ventilation Exhaust Airflow Rates

Application	Exhaust Airflow Rate (cfm)
Residential Kitchen	100
Residential Bathroom	50

SECTION 150.0 - MANDATORY FEATURES AND DEVICES

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Table 150.0-H-1 Kitchen Range Hood Airflow Rates (cfm) and ACH50 Exhaust Capture Efficiency (%) Ratings

Exhausting Unit Floor Area (sq ft)	Rated Unit Exhaust Range	Rated Unit Exhaust Range
<100	300 CFM or 120 cfm	300 CFM or 120 cfm
100-150	300 CFM or 120 cfm	300 CFM or 120 cfm
150-200	300 CFM or 120 cfm	300 CFM or 120 cfm
>200	300 CFM or 120 cfm	300 CFM or 120 cfm

Table 150.0-I-1 Pressure-Independent System Duct Sizing (ACH50 A2-2, Table 5-3)

Free Airflow Rate (cfm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
1/2" (100)	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6
3/4" (150)	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8
1" (200)	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0
1 1/4" (250)	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2
1 1/2" (300)	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4
1 3/4" (350)	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6
2" (400)	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
2 1/4" (450)	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0
2 1/2" (500)	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2
2 3/4" (550)	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4
3" (600)	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
3 1/4" (650)	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8
3 1/2" (700)	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
3 3/4" (750)	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2
4" (800)	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4
4 1/4" (850)	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6
4 1/2" (900)	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
4 3/4" (950)	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0
5" (1000)	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2

Notes for Table 150.0-I-1:
a. For non-circular ducts, calculate the diameter as four times the cross-sectional area divided by the perimeter.
b. If the equivalent of the prescription table is not permitted for this system.
c. Use of this table for verification of flow duct systems requires flow ducts to be fully insulated and any flow duct allows to have a maximum bend radius to duct diameter ratio of 1.5.
d. For this scenario, use of elbows is not permitted.
e. For this scenario, use of elbows is not permitted.
f. When a vent system based on a certain efficiency ratio to a minimum compliance with 130.0-G-10.0, a water pressure greater than or equal to 9.25 ft. of water at the rating plate shall not be required, and the airflow listed in the uppermost direction corresponding to the minimum capacity efficiency ratio shall be applied to Table 150.0-I-1 for determining compliance.

Notes for Table 150.0-I-1:
a. For non-circular ducts, calculate the diameter as four times the cross-sectional area divided by the perimeter.
b. If the equivalent of the prescription table is not permitted for this system.
c. Use of this table for verification of flow duct systems requires flow ducts to be fully insulated and any flow duct allows to have a maximum bend radius to duct diameter ratio of 1.5.
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SECTION 150.0 - MANDATORY FEATURES AND DEVICES



ARCHITECTURAL NOTES
KUHL RESIDENCE
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POLLOCK PINES, CA

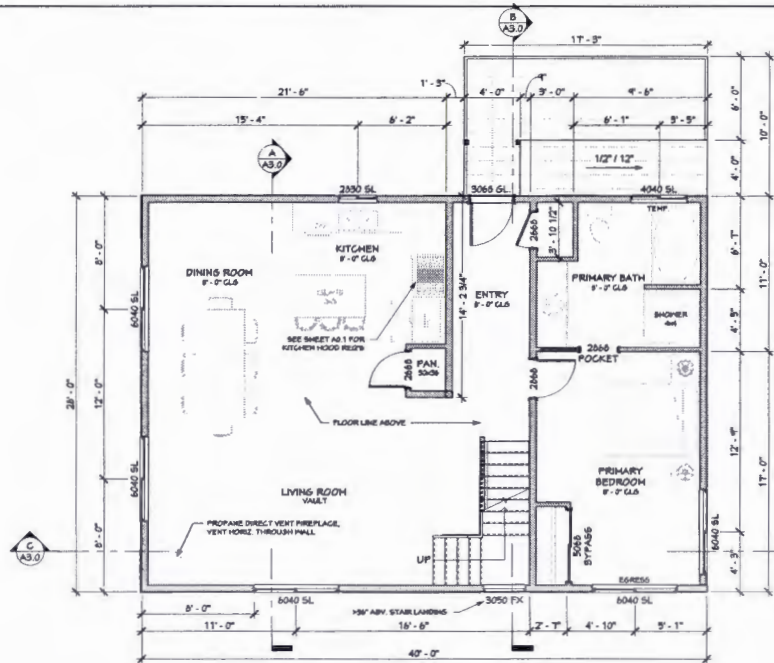
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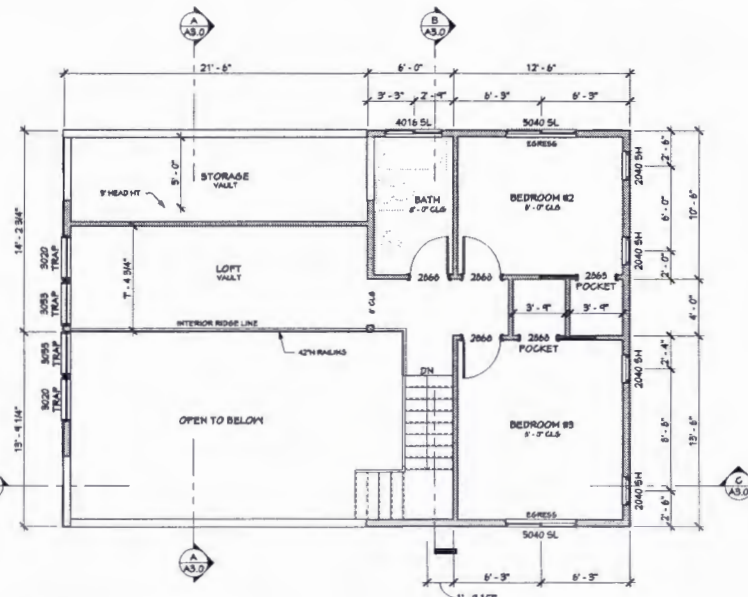
CUP24-0011 Kuhl
Exhibit T - Building Plans

SEE ARCHITECTURAL NOTES ON SHEET A0.1 FOR INFORMATION NOT SHOWN.



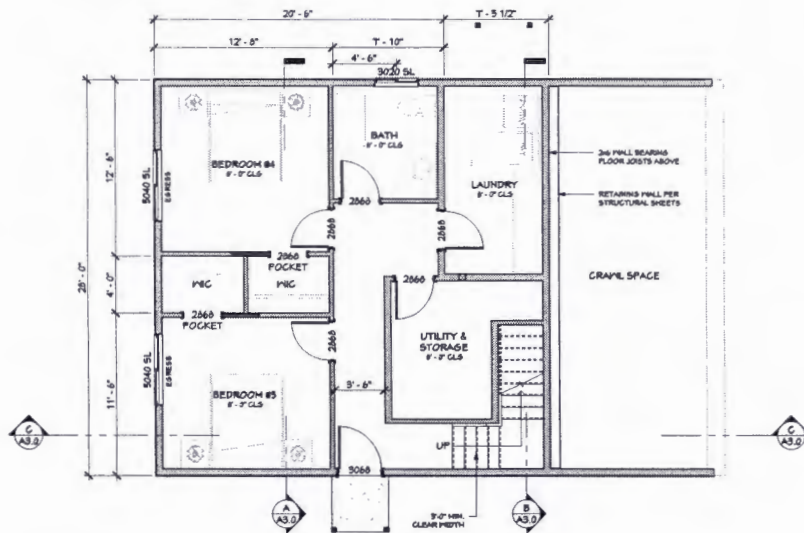
② MAIN LEVEL FLOOR PLAN

1/4" = 1'-0"



① UPPER LEVEL FLOOR PLAN

1/4" = 1'-0"



③ LOWER LEVEL FLOOR PLAN

1/4" = 1'-0"



ARCHITECTURAL FLOOR PLANS
KUHL RESIDENCE
1 BULLARD PLACE (APN: 011-030-058)
POLLOCK PINES, CA

REVISIONS

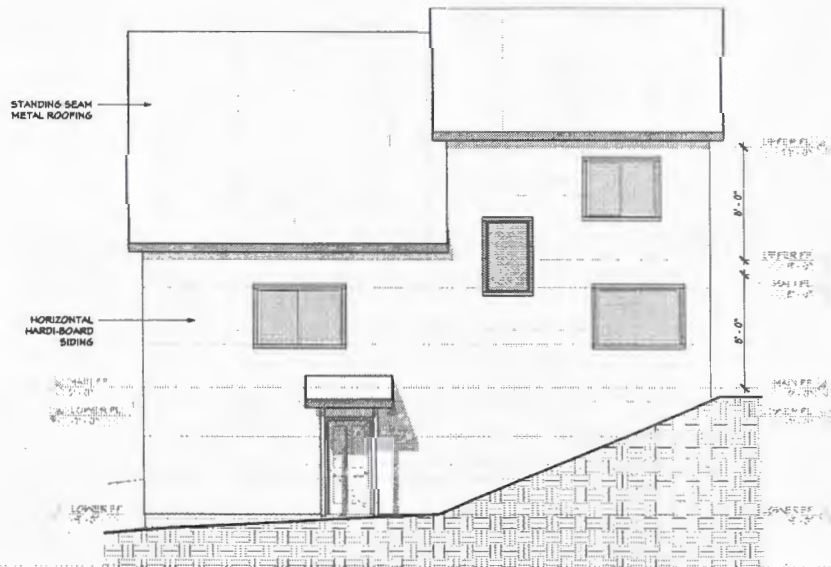


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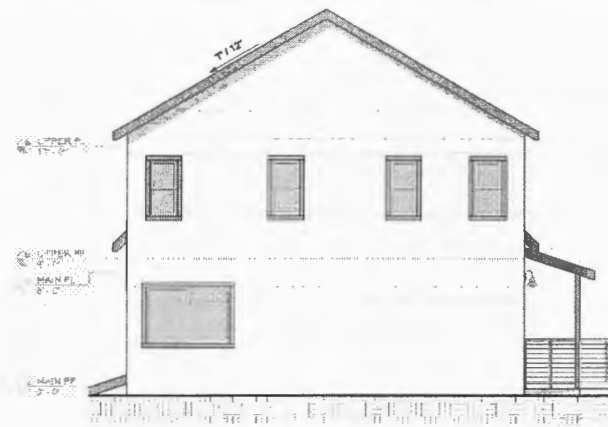
CUP24-0011 Kuhl
Exhibit T - Building Plans



② FRONT ELEVATION
1/4" = 1'-0"



① REAR ELEVATION
1/4" = 1'-0"



④ LEFT ELEVATION
1/4" = 1'-0"

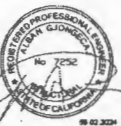


③ RIGHT ELEVATION
1/4" = 1'-0"



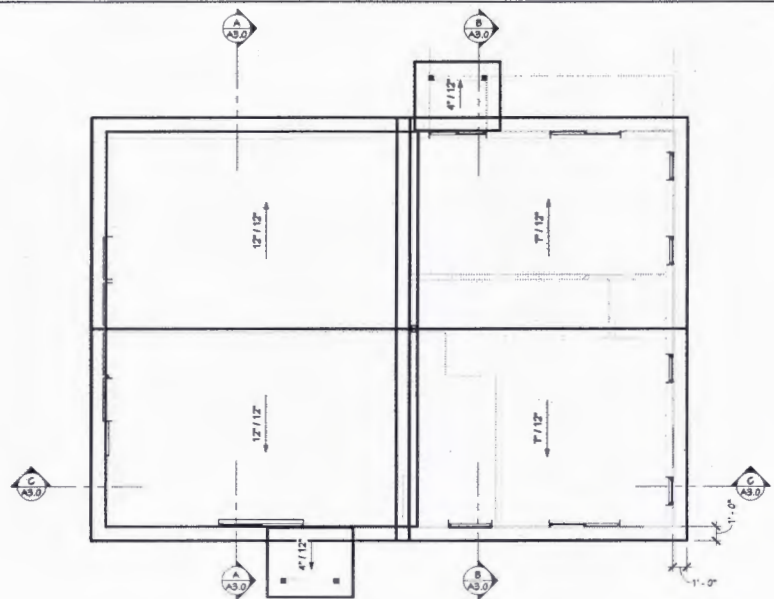
ELEVATIONS
KUHL RESIDENCE
1 BULLARD PLACE (APN: 011-030-058)
POLLOCK PINES, CA

REVISIONS

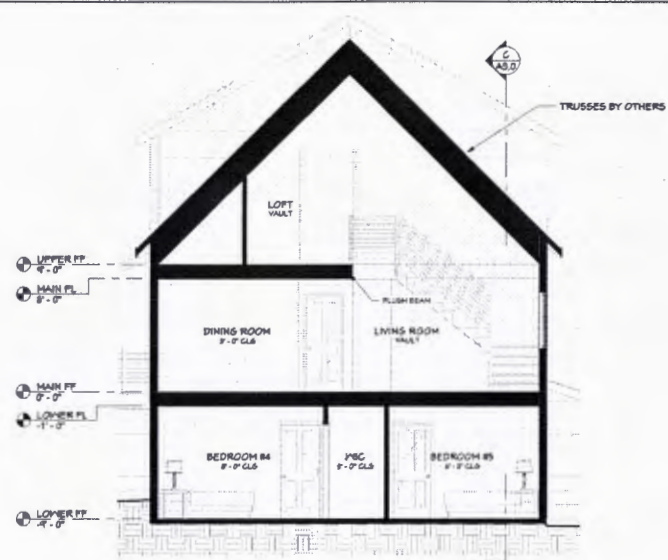


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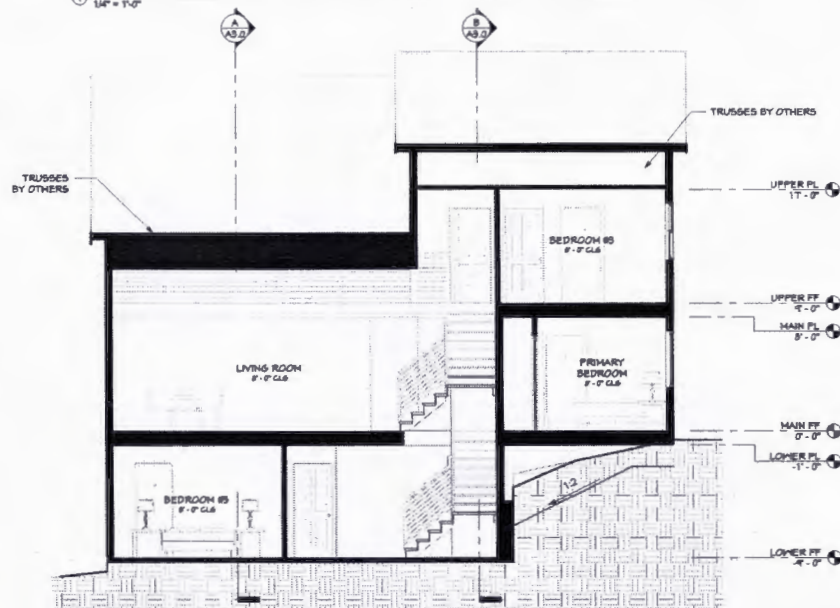
CUP24-0011 Kuhl
Exhibit T - Building Plans



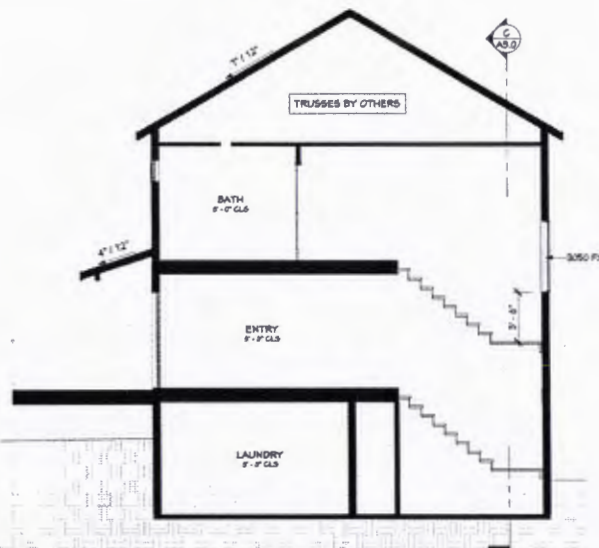
1 ARCHITECTURAL ROOF PLAN
1/4" = 1'-0"



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



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



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



ARCHITECTURAL ROOF PLAN & SECTIONS
KUHL RESIDENCE
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POLLOCK PINES, CA

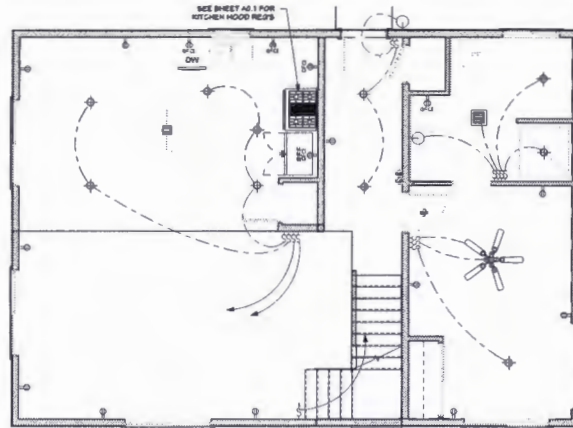
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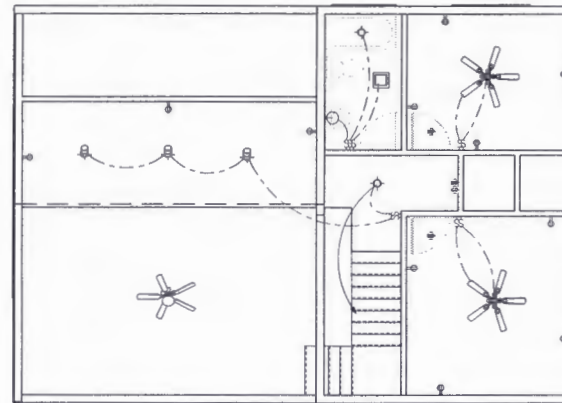
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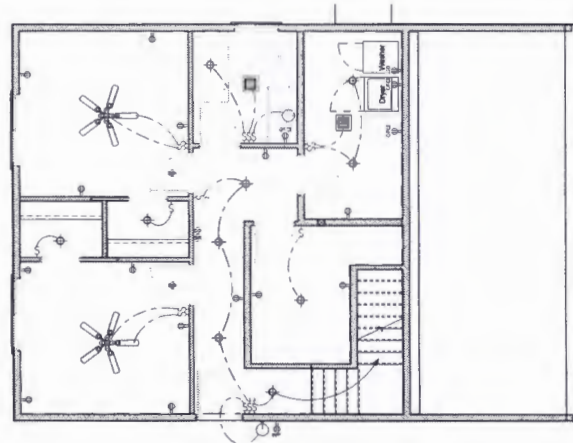
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③ MAIN LEVEL ELECTRICAL PLAN
1/4" = 1'-0"



⑧ UPPER LEVEL ELECTRICAL PLAN
1/4" = 1'-0"



① LOWER LEVEL ELECTRICAL PLAN
1/4" = 1'-0"

ELECTRICAL LEGEND:

- DUPLEX RECEPTACLE
- WEATHERPROOF RECEPTACLE
- 220V RECEPTACLE
- GROUND FAULT CIRCUIT INTERRUPTER
- SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- CEILING MOUNTED LIGHT FIXTURE
- CEILING MOUNTED LIGHT FIXTURE
- CEILING MOUNTED FAN
- PENDANT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- EXHAUST FAN
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR

ELECTRICAL NOTES:

1. SMOKE DETECTORS / CARBON MONOXIDE DETECTORS PER R314 / R315 SHALL BE INTERCONNECTED, HARDWIRED AND WITH BATTERY BACK-UP. SMOKE DETECTORS TO BE LOCATED AT LEAST 24" FROM RETURN AIR REGISTERS AND AIR DUCTS. WALL MOUNTED UNITS TO BE WITHIN 12" OF CEILING AND LISTED BY THE STATE FIRE MARSHALL FOR WALL MOUNTING. PROVIDE ONE SMOKE DETECTOR IN EACH SLEEPING AREA.
2. CARBON MONOXIDE/SMOKE DETECTORS SHALL BE PROVIDED OUTSIDE EACH SLEEPING AREA AND AT EACH LEVEL OF DWELLING.
3. PROVIDE SWITCHED LIGHT AND OUTLET AT ATTIC CRAWL.
4. PROVIDE DISCONNECT FOR A/C UNIT.
5. ALL 120-VOLT, SINGLE PHASE, 15 - & 20-AMP BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT KITCHEN, DINING ROOM, FAMILY ROOM, LIVING ROOM, PARLORS, LIBRARIES, DENS, BEDROOM, SUNROOMS, REC ROOMS, CLOSETS, LAUNDRY ROOMS, HALLWAYS AND SIMILAR ROOMS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
6. AT LEAST ONE LUMINAIRE IN THE BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS SHALL BE CONTROLLED BY A VACANCY SENSOR.
7. CEILING FAN LOCATIONS USE ONLY CEC APPROVED ELECTRICAL BOXES RATED FOR SUPPORTING CEILING FANS.
8. PROVIDE 30 CFM FOR ALL BATHROOM FANS. FANS MUST BE 5' NONE OR LESS.
9. ALL NEW 125-VOLT, 15 AND 20 AMP RECEPTACLES IN THE DWELLING UNIT SHALL BE TAMPER RESISTANT.
10. ALL NEW HOT WATER SUPPLY PIPING FROM THE HEATING SOURCE TO THE KITCHEN FIXTURES SHALL BE INSULATED PER CEC SECTION 150.0 (D) 4.
11. ALL 15 OR 20 AMP, 125 OR 250 VOLT RECEPTACLES INSTALLED OUTDOORS IN MET LOCATIONS MUST BE LISTED WEATHERPROOF TYPE WHEN THE PLUG IS OR IS NOT INSERTED.
12. BRANCH CIRCUITS SERVICING GARAGE RECEPTACLES SHALL NOT SERVE OUTLETS OUTSIDE OF THE GARAGE.
13. AT THE A/C EQUIPMENT, ELECTRICAL DISCONNECTS FOR EQUIPMENT SHALL BE WITHIN SIGHT OF THE EQUIPMENT AND NOT OVER 30' FROM THE UNIT.
14. A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) IS REQUIRED FOR ALL 15 AND 20-AMP RECEPTACLES INSTALLED IN BATHROOMS, GARAGES, INCLUDING THE GARAGES, INCLUDING THE GARAGE DOOR OPENER RECEPTACLE, ACCESSORY BUILDINGS, OUTDOORS, UNFINISHED BASEMENTS, UNDER-FLOOR AREAS, LAUNDRY, UTILITY, AND KITCHEN COUNTER TOPS AND WITHIN 6' OF A BATH SINK.
15. RECEPTACLES SHALL BE INSTALLED SO THAT NO POINT MEASURED HORIZONTALLY ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6' FROM A RECEPTACLE OUTLET. WALL SPACES GREATER THAN 2' IN HEIGHT AND UNBROKEN ALONG THE FLOOR LINE BY OPENINGS OR FIREPLACES SHALL BE PROVIDED WITH A RECEPTACLE. THESE RECEPTACLES SHALL BE PROVIDED IN KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, DENS, BEDROOMS, OR SIMILAR ROOMS.
16. AT LEAST ONE 120-VOLT, 20-AMPERE BRANCH CIRCUIT SHALL BE PROVIDED TO SUPPLY BATHROOMS & LAUNDRY ROOM OUTLETS WHICH SHALL HAVE NO OTHER OUTLETS.
17. KITCHEN EXHAUST HOOD MUST CONFORM TO 2022 TITLE 24 BUILDING ENERGY EFFICIENCY STANDARDS SECTION 150.0 (G) 5, INCLUDING TABLES 150.0-5 & 150.0-4, AND MEETS TESTED TO MEET 2022 REFERENCE APPENDICES R4.1.

LIGHTING REQUIREMENTS:

NOTE: ALL NEW LIGHTING TO BE LED, U.O.N.

1. ALL INSTALLED LUMINAIRES SHALL BE HIGH-EFFICACY IN ACCORDANCE w/ TABLE 150.0-A.
2. ALL LUMINAIRES REQUIRED TO HAVE LIGHT SOURCE COMPLIANT w/ REFERENCE JOINT APPENDIX JAS, EXCEPT HALLWAYS & CLOSETS OVER 70 W, SHALL BE CONTROLLED BY DIMMERS OR VACANCY SENSORS. THIS APPLIES TO ALL 60-W LED AND RECESSED LUMINAIRES.)
3. IN BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS, AT LEAST ONE LUMINAIRE IN EACH OF THESE SPACES SHALL BE CONTROLLED BY A VACANCY SENSOR.
4. OUTDOOR LIGHTING: ALL OUTDOOR LIGHTING SHALL BE CONTROLLED BY A MANUAL ON AND OFF SWITCH THAT DOES NOT OVERRIDE TO ON AND ONE OF THE FOLLOWING: CONTROLLED BY PHOTOCELL AND MOTION SENSOR, PHOTO CONTROL, AND AUTOMATIC SWITCH CONTROL, ASTRONOMICAL TIME CLOCK, OR ENERGY MANAGEMENT CONTROL SYSTEM. 150.0 (B).
5. LUMINAIRES RECESSED INTO CEILING SHALL MEET ALL OF THE FOLLOWING PER 150.0 (B)(1): LISTED FOR ZERO CLEARANCE INSULATION, LABELED THAT CERTIFIES THE LUMINAIRE IS AIRTIGHT WITH A LEAKAGE LESS THAN 2 CFM AT 75 PASCALS, SEALED WITH A GASKET OR CAULK, ALLOW REPLACEMENT AND MAINTENANCE TO BE READILY ACCESSIBLE FROM BELOW THE CEILING WITHOUT CUTTING HOLES IN THE CEILING. SHALL NOT CONTAIN SCREEN BASE SOCKETS, AND SHALL CONTAIN LIGHT SOURCES THAT COMPLY WITH JAS.
6. UNDER CABINET LIGHTING SHALL BE SWITCHED SEPARATELY THAN FROM OTHER LIGHTING SYSTEM. 150.0 (D).



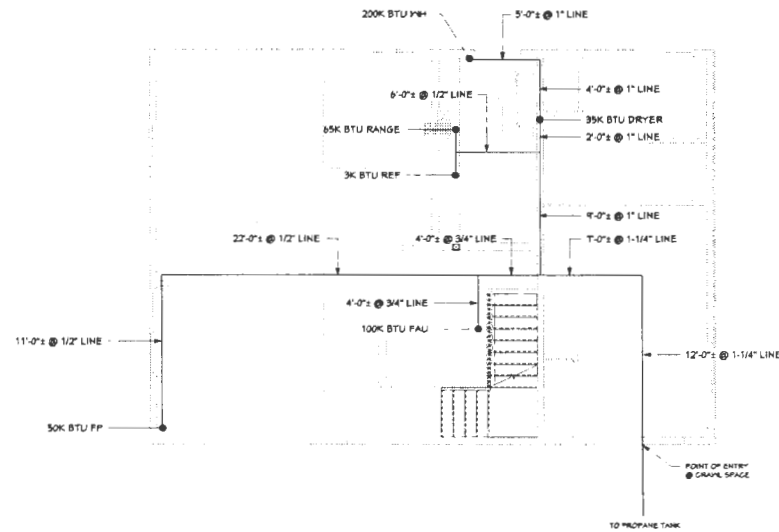
ELECTRICAL PLANS
KUH L RESIDENCE
1 BULLARD PLACE (APN: 011-030-058)
POLLOCK PINES, CA

REVISIONS

SHEET #

E1.0

CUP24-0011 Kuhl Exhibit T - Building Plans



GAS PIPING PLAN
1/4" = 1'-0"

WATER HEATER NOTES:

1. WATER HEATER SHALL HAVE ISOLATION VALVES ON BOTH THE COLD WATER SUPPLY AND THE HOT WATER PIPE LEAVING THE WATER HEATER, AND HOSE BIBS OR OTHER FITTINGS ON EACH VALVE FOR FLUSHING THE WATER HEATER WHEN THE VALVES ARE CLOSED.
2. PROVIDE A WATER-TIGHT DRIP PAN OF CORROSION-RESISTANT MATERIALS BENEATH THE WATER HEATER WITH A 3/4" DRAIN TO AN APPROVED LOCATION. A CONDENSATE DRAIN THAT IS A MAXIMUM OF 2" HIGHER THAN THE BASE OF THE INSTALLED WATER HEATER THAT ALLOWS NATURAL DRAIN WITHOUT PUMP ASSISTANCE SHALL BE INSTALLED.
3. A CATEGORY III, IV OR A TYPE B VENT WITH A STRAIGHT PIPE BETWEEN THE OUTSIDE TERMINAL AND THE SPACE WHERE THE WATER HEATER IS LOCATED SHALL BE INSTALLED.
4. TANK TYPE WATER HEATER REQUIRES 2 SEISMIC STRAPS, ONE TRAP WITHIN THE UPPER 1/3 AND THE OTHER WITHIN THE LOWER 1/3 OF THE WATER HEATER. THE LOWER STRAP SHALL NOT BE WITHIN 4" OF THE CONTROLS. CPC 501.2
5. STORAGE TYPE WATER HEATER SHALL BE PROVIDED WITHIN AN APPROVED LISTED, ADEQUATELY SIZED COMBINATION PRESSURE AND TEMPERATURE RELIEF VALVE WHERE A PRESSURE REGULATOR IS INSTALLED, AN APPROVED LISTED EXPANSION TANK OR OTHER DEVICE SHALL INSTALLED TO CONTROL INTERMITTENT THERMAL EXPANSION. CPC 605.3 & 605.5
6. WATER HEATERS INSTALLED IN THE GARAGE SHALL BE INSTALLED SO THAT ALL BURNERS AND BURNER-IGNITION DEVICES ARE LOCATED NOT LESS THAN 18" ABOVE THE FLOOR UNLESS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. SUCH APPLIANCES SHALL BE PROTECTED FROM AUTO IMPACT. CPC 501.13 & 501.13.1
7. WATER HEATERS AND OTHER BURNER & BURNER-IGNITION APPLIANCES THAT ARE INSTALLED IN THE GARAGE AND ADJACENT SPACES THAT OPEN TO THE GARAGE SHALL NOT BE LOCATED NOT LESS THAN 18 INCHES ABOVE THE FLOOR AND SHALL CONFORM WITH ONE OF THE BELOW (PER CMC 305.1.1):
 - A. SHALL BE GUARDED AGAINST DAMAGE BY A PROTECTIVE BARRIER
 - B. SHALL BE ELEVATED
 - C. SHALL BE LOCATED OUT OF THE NORMAL PATH OF VEHICLES

GAS PIPING NOTES:

TOTAL DEVELOPED LENGTH OF PIPE = 236'-0"
MOST REMOTE OUTLET = 256'-0"
PIPING MATERIAL = SCHEDULE 40 METALLIC PIPE
TOTAL BTU = 495K BTU

MAXIMUM CAPACITY OF PIPE IN THOUSANDS OF BTU PER HOUR FOR GAS PRESSURE OF 11 INCHES WATER COLUMN AND A PRESSURE DROP OF 0.5 INCH WATER COLUMN (BASICALLY BETWEEN SINGLE OR SECOND STAGE LOW PRESSURE REGULATOR) AND APPLIANCE (BASED ON A 1.25 SPECIFIC GRAVITY GAS)

Pipe Length (Feet)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	6"
10	8,822	9,824	10,848	11,888	12,944	13,912	14,888	15,872	16,864
20	17,644	19,648	21,696	23,776	25,888	27,824	29,776	31,744	33,728
30	26,466	29,472	32,544	35,664	38,832	41,936	45,168	48,416	51,680
40	35,288	39,328	43,392	47,488	51,616	55,776	59,952	64,144	68,352
50	44,110	49,168	54,256	59,376	64,528	69,712	74,928	80,168	85,424
60	52,932	58,992	64,112	69,264	74,448	79,664	84,904	90,168	95,448
70	61,754	67,824	72,944	78,096	83,280	88,496	93,736	98,992	104,264
80	70,576	76,656	81,776	86,928	92,112	97,328	102,568	107,832	113,112
90	79,398	85,488	90,608	95,760	100,944	106,160	111,400	116,664	121,944
100	88,220	94,312	99,432	104,584	109,768	114,984	120,224	125,488	130,768
125	112,775	120,392	128,010	135,628	143,246	150,864	158,482	166,100	173,718
150	138,468	147,216	156,000	164,784	173,568	182,352	191,136	199,920	208,704
200	184,624	195,616	206,608	217,600	228,592	239,584	250,576	261,568	272,560
250	230,780	243,264	255,748	268,232	280,716	293,200	305,684	318,168	330,652
300	276,936	290,720	304,504	318,288	332,072	345,856	359,640	373,424	387,208
350	323,092	338,288	353,484	368,680	383,876	399,072	414,268	429,464	444,660
400	369,248	385,664	402,080	418,496	434,912	451,328	467,744	484,160	500,576

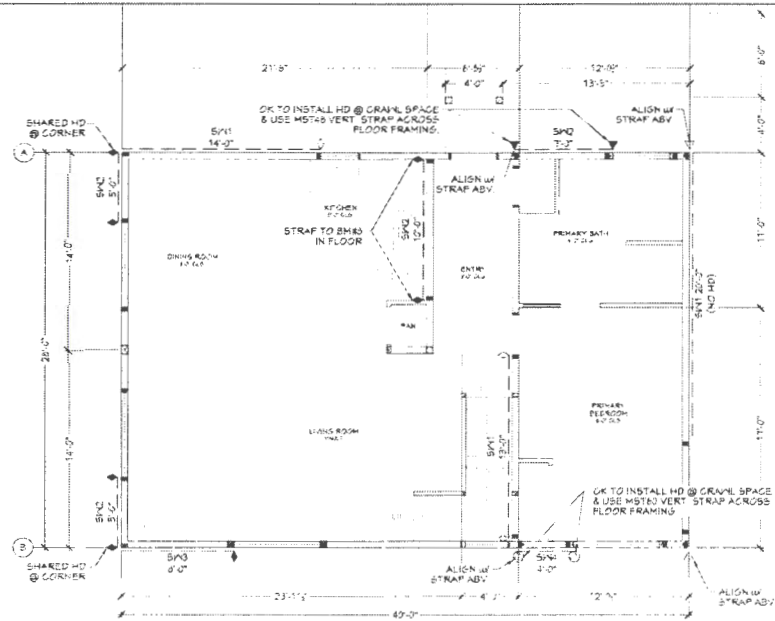
GAS PIPING PLAN
KUHLE RESIDENCE
1 BULLARD PLACE (APN: 011-030-058)
POLLOCK PINES, CA

REVISIONS

SHEET #

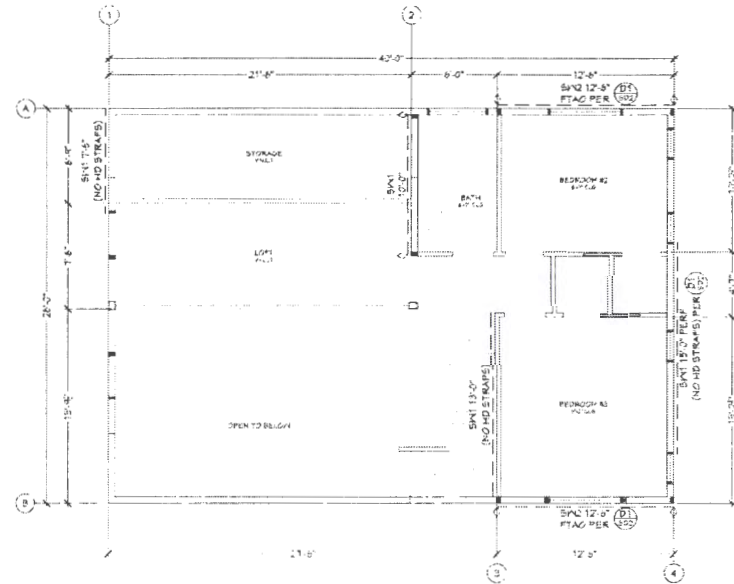
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CUP24-0011 Kuhl
Exhibit T - Building Plans



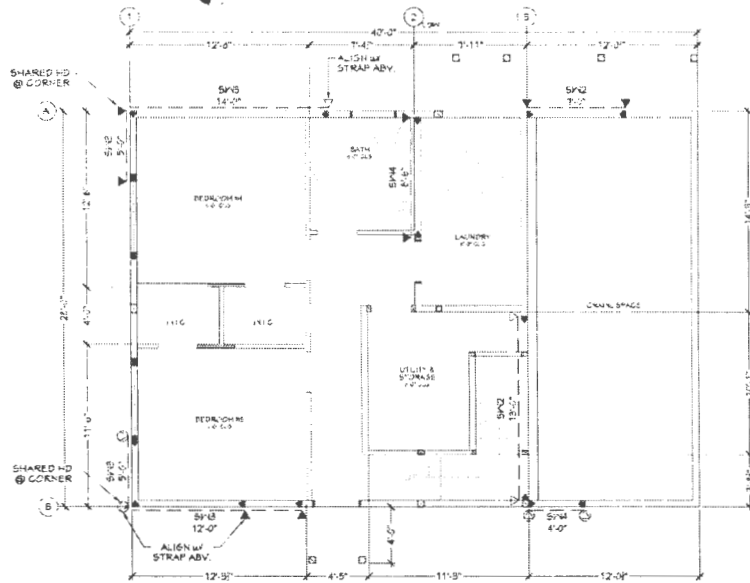
MAIN LEVEL STRUCTURAL FLOOR PLAN

SCALE 1/4" = 1'-0"



UPPER LEVEL STRUCTURAL FLOOR PLAN

SCALE 1/4" = 1'-0"




LOWER LEVEL STRUCTURAL FLOOR PLAN

SCALE 1/4" = 1'-0"

NOTE:
FOR HOLDOWN / SHEARWALLS THAT INTERFERE WITH
TRIMMERS @ OPENING, SEE DETAIL (02 552)

CONTRACTOR TO FIELD
VERIFY ALL DIMENSIONS
PRIOR TO ORDERING OR
FABRICATING MATERIALS

SEE SHEET SNI FOR SHEARWALL SCHEDULE, HOLDOWN
LEGEND AND ALL OTHER STRUCTURAL SPECIFICATIONS



BURNE
[N • I • N • E • R • G • Y]
(530) 672-1600

STRUCTURAL FLOOR PLANS
KUHLMAN RESIDENCE
1 BULLARD PLACE
POLLOCK PINES, CA

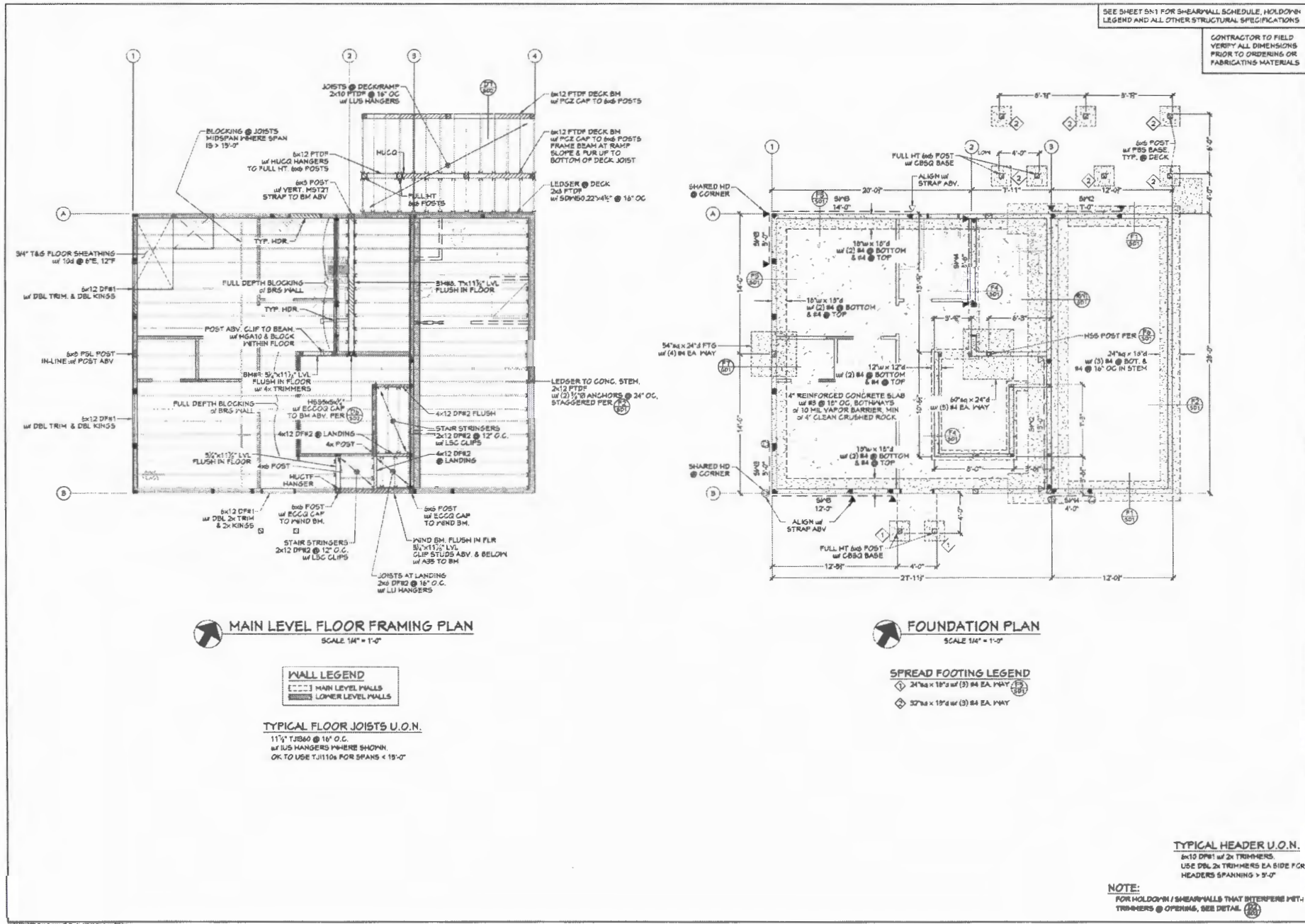
REVISIONS



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Exhibit T - Building Plans



FOUNDATION & MAIN FLOOR FRAMING PLANS
KUHL RESIDENCE
1 BULLARD PLACE
POLLOCK PINES, CA

REVISIONS



SHEET #:
52.0

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CONTRACTOR TO FIELD
VERIFY ALL DIMENSIONS
PRIOR TO ORDERING OR
FABRICATING MATERIALS



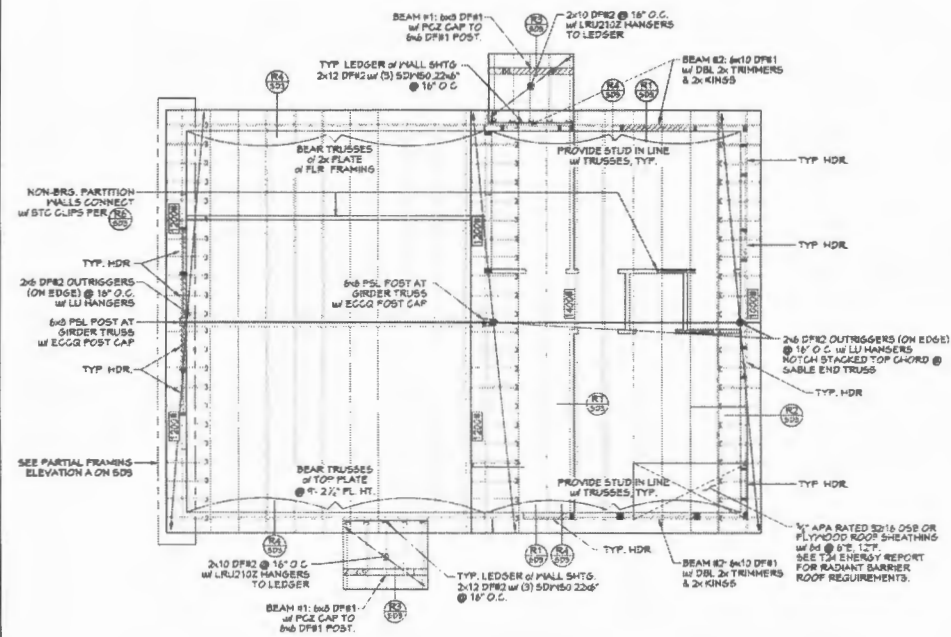
UPPER FLOOR & ROOF FRAMING PLANS
KUHL RESIDENCE
1 BULLARD PLACE
POLLOCK PINES, CA

REVISIONS



SHEET #:

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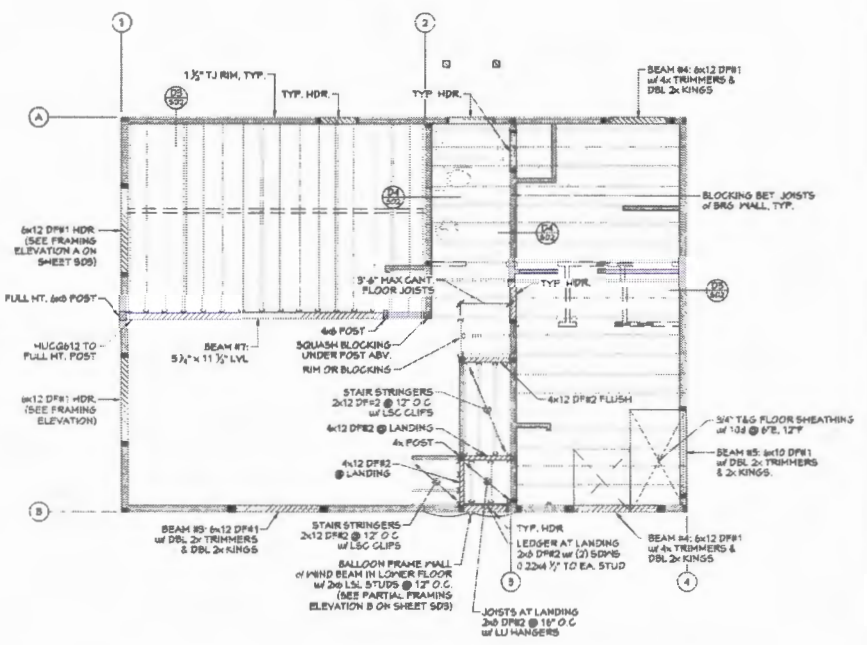


ROOF FRAMING PLAN
SCALE 1/4" = 1'-0"

ROOF FRAMING NOTES:
1. NAIL ROOF SHEATHING TO TRUSSES w/ 6d @ 16" O.C.

TYPICAL ROOF FRAMING U.O.N.
MANUFACTURED TRUSSES DESIGNED BY OTHERS. SEE TRUSS SPECIFICATIONS FOR INFORMATION NOT SHOWN.

TYPICAL HEADER U.O.N.
6x10 DF#1 w/ 2x TRIMMERS.
USE DBL 2x TRIMMERS EA SIDE FOR HEADERS SPANNING > 9'-0"



UPPER LEVEL FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"

WALL LEGEND	
[Solid Line]	MAIN LEVEL WALLS
[Dashed Line]	UPPER LEVEL WALLS

TYPICAL HDR @ MAIN LEVEL U.O.N.
6x10 DF#1 w/ 2x TRIMMERS & 2x KINGS
USE DBL 2x TRIMMERS EA SIDE FOR HEADERS SPANNING > 9'-0"

TYPICAL FLOOR JOISTS U.O.N.
11 1/2" T&G @ 16" O.C.
w/ 1/2" HANGERS WHERE SHOWN.
OK TO USE T&G FOR SPANS < 15'-0"

Exhibit T - Building Plans



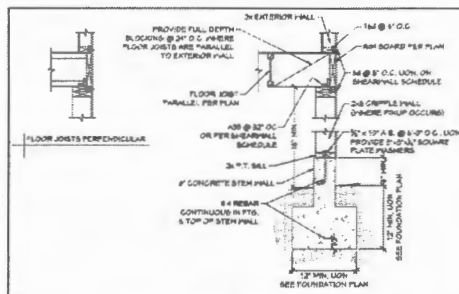
STRUCTURAL DETAILS
KUHLE RESIDENCE
1 BULLARD PLACE
POLLOCK PINES, CA

REVISIONS

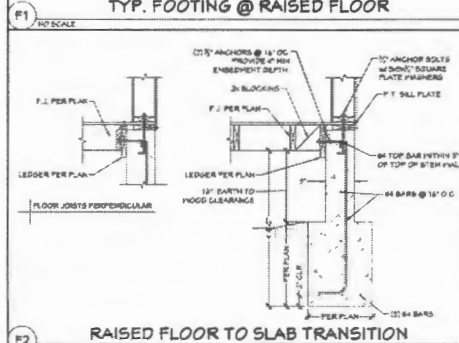


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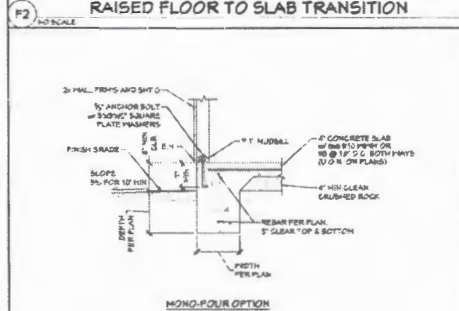
SD1



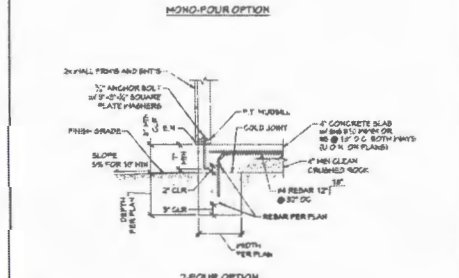
TYP. FOOTING @ RAISED FLOOR



RAISED FLOOR TO SLAB TRANSITION



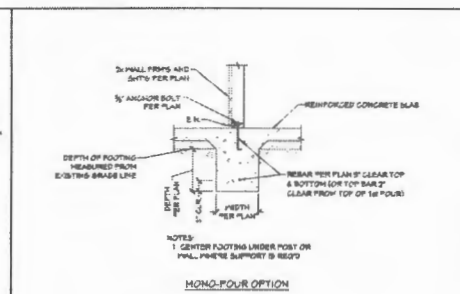
MONO-POUR OPTION



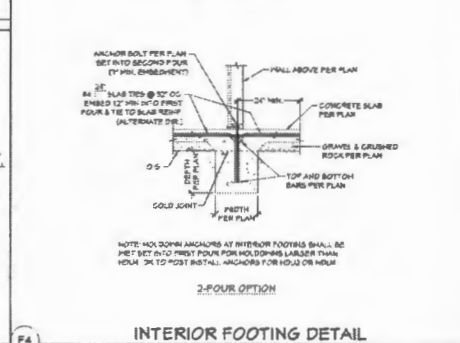
2-FOUR OPTION

NOTES:
FOR ARCHITECTURAL DETAILS
AND FINISHES NOT SHOWN, SEE
ARCHITECTURAL SHEETS

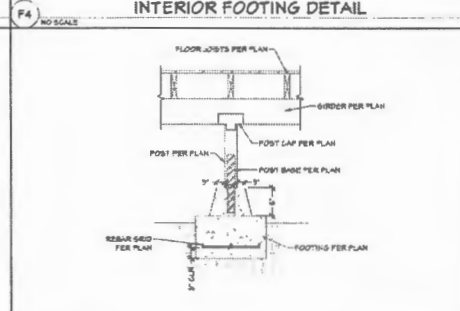
PERIMETER FOOTING DETAIL



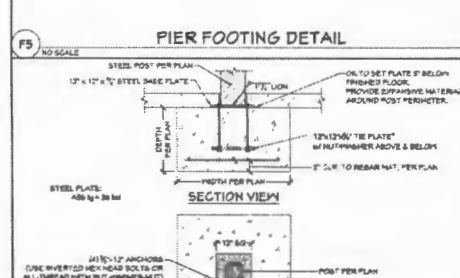
MONO-FOUR OPTION



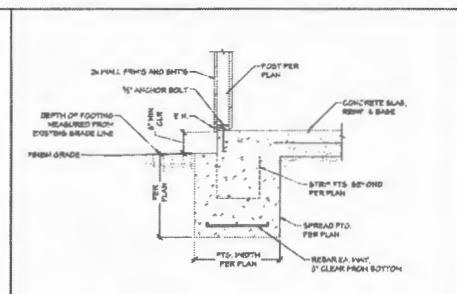
INTERIOR FOOTING DETAIL



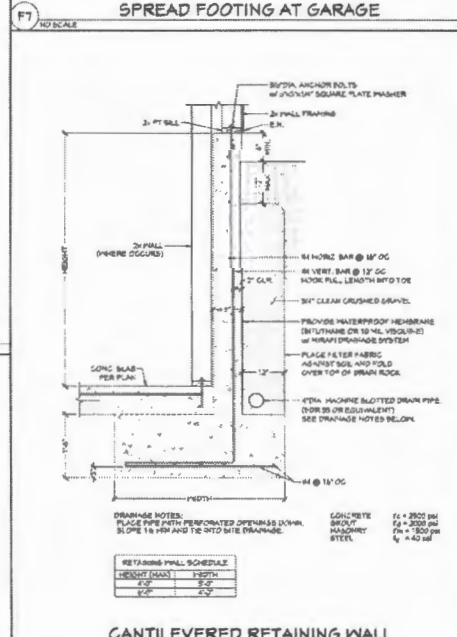
PIER FOOTING DETAIL



POST TO FOOTING DETAIL



SPREAD FOOTING AT GARAGE

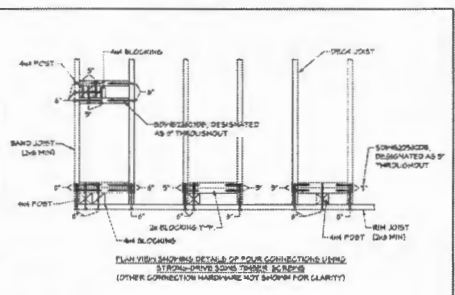


CANTILEVERED RETAINING WALL
w/ SLAB @ BASE

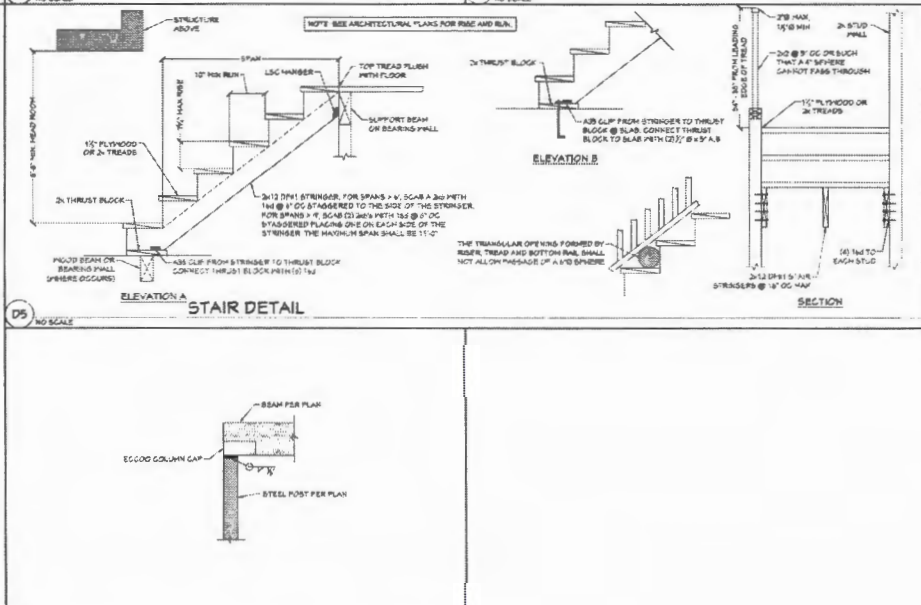
HEIGHT (MAX)	DEPTH
6'0"	5'0"
6'0"	6'0"

CONCRETE $f_c = 2900$ psi
 SHOUT $f_d = 3000$ psi
 MASONRY $f_m = 1500$ psi
 STEEL $f_s = 42$ ksi

Exhibit T - Building Plans



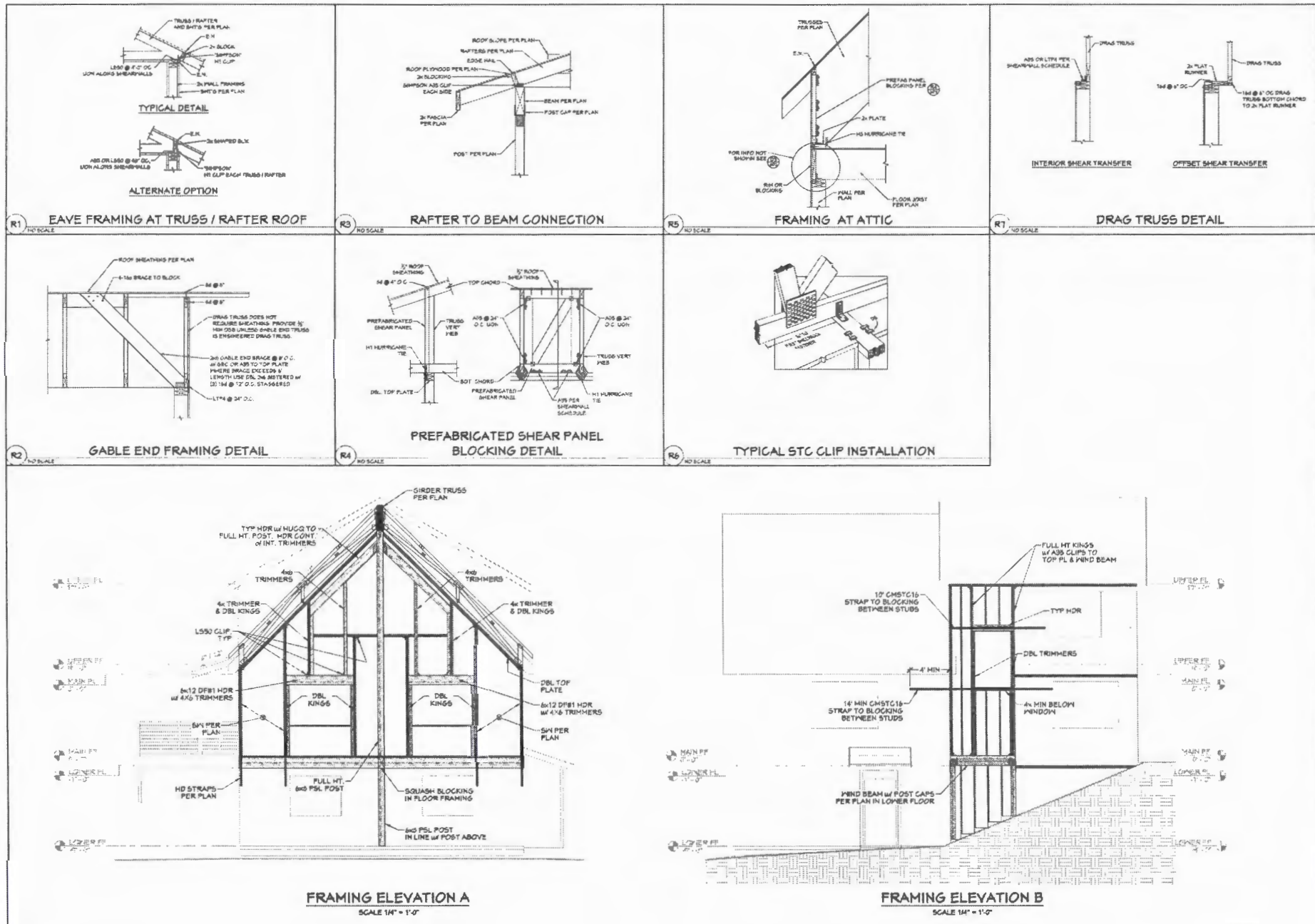
POST DETAIL



26. ECCOQ COLUMN CAP TO STEEL POST DETAIL

SHEET #:
SD2

CUP24-0011 Kuhl
Exhibit T - Building Plans



STRUCTURAL DETAILS
KUHLE RESIDENCE
1 BULLARD PLACE
POLLOCK PINES, CA

REVISIONS



SHEET #:
SD3

Exhibit T - Building Plans

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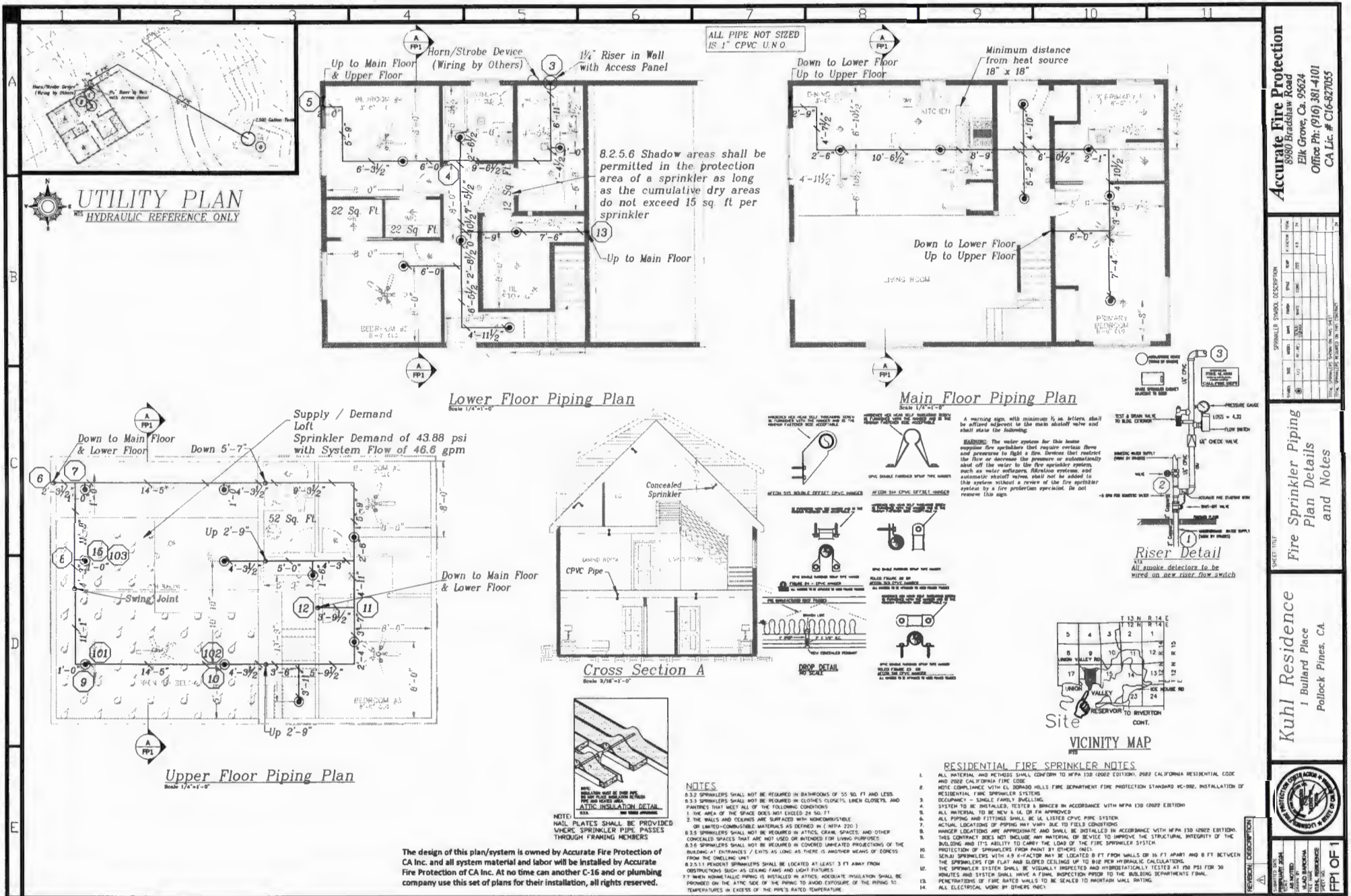
STRUCTURAL NOTES
KUHLE RESIDENCE
1 BULLARD PLACE
COLLOCK PINES, CA

REVISIONS



SHEET #:
SN1

CUP24-0011 Kuhl Exhibit T - Building Plans



Accurate Fire Protection
8880 Bradshaw Road
Elk Grove, Ca. 95624
Office Ph: (916) 381-4101
CA Lic. # C16-827055

SPRINKLER SYMBOL DESCRIPTION	SPRINKLER SYMBOL DESCRIPTION
1. STANDARD SPRINKLER	2. STANDARD SPRINKLER
3. STANDARD SPRINKLER	4. STANDARD SPRINKLER
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99. STANDARD SPRINKLER	100. STANDARD SPRINKLER

Fire Sprinkler Piping Plan Details and Notes

Kuhl Residence
1 Bullard Place
Pollock Pines, CA

