

MINIMUM CONSTRUCTION SITE STORM WATER MANAGEMENT PRACTICES THE STORM WATER MANAGEMENT PRACTICES DESCRIBED BELOW ARE THE MINIMUM, REQUIRED WATER QUALITY PROTECTION MEASURES APPLICABLE TO ALL CONSTRUCTION SITES WITHIN WESTERN EL DORADO COUNTY. THIS LISTING DOES NOT INCLUDE THE VARIOUS INSPECTION, RECORD KEEPING, TRAINING AND REPORTING REQUIREMENTS. ADDITIONALLY, THERE WILL BE INSTANCES WHERE PROJECT AND SITE CONDITIONS REQUIRE SUPPLEMENTING OR DEVIATING FROM THESE MINIMUM PROTECTION REQUIREMENTS. THE CONTRACTOR IS EXPECTED TO DEPLOY MEASURES SUFFICIENT TO ACHIEVE COMPLIANCE WITH THE COUNTY'S GRADING ORDINANCE; AND, AS APPLICABLE (PROJECTS WHICH INVOLVE ONE ACRE OR MORE OF DISTURBED SOIL OR ARE PART OF A LARGER COMMON PLAN OF DEVELOPMENT THAT ENCOMPASSES ONE ACRE OR MORE OF DISTURBED SOIL), WITH THE STATE WATER RESOURCES CONTROL BOARD'S (SWRCB) NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.

A. SCHEDULING CONSTRUCTION SHALL BE SCHEDULED TO MINIMIZE CONSTRUCTION ACTIVITIES IN "HIGH-RISK AREAS" AND THE AMOUNT OF ACTIVE DISTURBED SOIL AREAS, DURING THE RAINY SEASON (OCT. 15th TO MAY 1st). "HIGH-RISK AREAS" INCLUDE THOSE AREAS WITHIN 50 FEET OF USGS WATERCOURSES, 100-YEAR FLOOD PLAINS, REGULATED WETLANDS, AND WHERE SLOPES EXCEED 16%.

UNLESS SPECIFICALLY AUTHORIZED BY THE COUNTY'S ON-SITE REPRESENTATIVE, DURING THE RAINY SEASON THE CONTRACTOR SHALL NOT SCHEDULE CONSTRUCTION ACTIVITIES IN "HIGH RISK AREAS" OR SCHEDULE TO HAVE MORE THAN 5 ACRES OF ACTIVE DISTURBED SOIL AREA. WHERE PERMANENT STORM WATER TREATMENT DEVICES ARE TO BE CONSTRUCTED, THESE DEVICES SHOULD, WHENEVER FEASIBLE, BE CONSTRUCTED AS AN EARLY WORK ITEM.

B. PRESERVATION OF NATURAL FEATURES

PRIOR TO THE COMMENCEMENT OF SOIL-DISTURBING ACTIVITIES, AREAS OF EXISTING VEGETATION THAT ARE TO REMAIN AND ENVIRONMENTALLY SENSITIVE AREAS (I.E. WETLANDS, PROTECTED HABITATS, ETC) SHALL BE FENCED FOR PROTECTION. IN GENERAL, SITE DESIGNS SHALL PRESERVE EXISTING VEGETATION TO THE MAXIMUM EXTENT POSSIBLE; AND DURING CONSTRUCTION, EXISTING VEGETATION SHALL BE PRESERVED (AND PROTECTED BY FENCING) FOR AS LONG AS POSSIBLE TO MINIMIZE EROSION.

C. STORM WATER RUN-ON AND CONCENTRATED FLOWS EXISTING WATERCOURSES SHALL BE PROTECTED; AND IF DIVERTED, HANDLED IN A NON-ERODING FASHION. TO THE EXTENT FEASIBLE, ALL CONCENTRATED WATER FLOWS SHALL BE CHANNELED AWAY FROM DISTURBED SOIL AREAS / STOCKPILES. CONCENTRATED WATER FLOWS SHALL BE CONVEYED IN A NON-ERODING FASHION.

D. STOCKPILE MANAGEMENT STOCKPILES SHALL BE MANAGED AS FOLLOWS:

. SOIL STOCKPILES

- RAINY SEASON: - COVERED, OR PROTECTED WITH SOIL STABILIZATION MEASURES & PERIMETER SEDIMENT BARRIERS.
- NON-RAINY SEASON: COVERED OR PROTECTED WITH PERIMETER SEDIMENT BARRIERS.
- 2. CONCRETE / ASPHALT RUBBLE, ROCK AND AGGREGATE BASE / SUB-BASE - COVERED OR PROTECTED WITH PERIMETER SEDIMENT BARRIERS
- 3. "COLD MIX" ASPHALT

COVERED E. SEDIMENT TRACKING CONTROL

APPROPRIATE MEASURES SHALL BE DEPLOYED TO MINIMIZE THE TRACKING OF SEDIMENT OFF-SITE BY VEHICLES AND/OR EQUIPMENT. THESE MEASURES INCLUDE STABILIZED CONSTRUCTION ENTRANCES/EXITS & ROADWAYS, AND TIRE WASHING. WHERE TRACKING OCCURS, STREETS SHALL BE SWEPT USING A PICKUP SWEEPER WITH WATER SUPPLY.

F. NON-STORM WATER MANAGEMENT NON-STORM WATER DISCHARGES SHALL BE MINIMIZED TO THE EXTENT FEASIBLE. SEDIMENT-LADEN NON-STORM WATER IS REQUIRED TO BE FILTERED (OR EQUIVALENT TREATMENT) PRIOR TO DISCHARGING. MEASURES REQUIRED TO MANAGE NON-STORM WATER DISCHARGES INCLUDE: WATER CONSERVATION PRACTICES, DUST CONTROL, MATERIAL STORAGE PRACTICES, VEHICLE/EQUIPMENT OPERATION AND MAINTENANCE REQUIREMENTS, WASTE MANAGEMENT PRACTICES, AND SPILL PREVENTION / CONTROL MEASURES.

G. DISTURBED SOIL AREA MANAGEMENT DISTURBED SOIL AREAS (DSA) SHALL BE PROTECTED WITH AN "EFFECTIVE COMBINATION" OF MEASURES INCLUDING SOIL STABILIZATION, SEDIMENT BARRIERS AND BASINS / TRAPS. THERE MAY BE SITUATIONS WHERE "SEDIMENT BASINS" OR "TREATMENT" ARE ABLE TO SUBSTITUTE AS ALTERNATIVE CONTROL MEASURES TO THE NORMALLY REQUIRED "EFFECTIVE COMBINATION" OF SOIL STABILIZATION, SEDIMENT BARRIERS AND HOWEVER, WHEN SUBSTITUTING THESE MEASURES, THE CONTRACTOR MUST BE PREPARED TO DEMONSTRATE THAT THE SEDIMENT LOAD WITHIN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE DOES NOT EXCEED NATURAL OR PRE-CONSTRUCTION LEVELS.

I. SOIL STABILIZATION MEASURES INCLUDE: - HYDRAULIC MULCH (REF. CASQA BMP # EC-3)

- HYDROSEEDING (REF. CASQA BMP # EC-4)

- SUITABLY STABILIZED, NON-POLLUTING STRAW / WOOD / ORGANIC MULCH (REF. CASQA BMP #'s EC-6 & EC-8)

- GEOTEXTILES, MATS, PLASTIC COVERS AND EROSION CONTROL BLANKETS (REF. CASQA BMP # EC-7) - STABILIZED CONSTRUCTION ROADWAYS (REF. CASQA BMP # TC-2)

SEDIMENT BARRIERS INCLUDE:

- SILT FENCES (REF. CASQA BMP # SE-1)

- SAND / GRAVEL BAG BARRIERS (REF. CASQA BMP #'S SE-6 & SE-8)

- STRAW BALE BARRIERS (REF. CASQA BMP # SE-9) - FIBER ROLLS (REF. CASQA BMP # SE-5)

3. BASIN / TRAPS INCLUDE: DESILTING BASINS (REF. CALTRANS BMPS)

- SEDIMENT TRAPS (REF. CALTRANS BMPS)

4. ON DSAs WITH SLOPE LENGTHS GREATER THAN 10 FEET, THE FOLLOWING MEASURES SHALL BE DEPLOYED:

2. RAINY SEASON (OCT. 15TH TO MAY 1ST):

- NON-ACTIVE AREAS (NO SOIL DISTURBING ACTIVITIES FOR 21 OR MORE DAYS)

* ON SLOPES EQUAL TO OR FLATTER THAN 1:20 (V/H), SOIL STABILIZATION * ON SLOPES STEEPER THAN 1:20 (V/H), SOIL STABILIZATION AND SEDIMENT BARRIERS

ACTIVE AREAS

* ON SLOPES STEEPER THAN 1: 20 (V/H), SEDIMENT BARRIERS

* ON SLOPES STEEPER THAN 1:2 (V/H) WITH SLOPE LENGTHS GREATER THAN 50 FEET: SOIL STABILIZATION; SEDIMENT BARRIERS; AND WHERE FEASIBLE, BASINS / TRAPS

- NON-ACTIVE AREAS (NO SOIL DISTURBING ACTIVITIES FOR 21 OR MORE DAYS)

* ON SLOPES STEEPER THAN 1:2 (V/H), SEDIMENT BARRIERS.

5. GENERAL: PROTECTION SHALL BE DEPLOYED ON NON-ACTIVE DSAs WITHIN 14 DAYS FROM THE CESSATION OF SOIL-DISTURBING ACTIVITIES OR ONE DAY PRIOR TO THE PREDICTED (40% OR MORE CHANCE) ONSET OF SIGNIFICANT PRECIPITATION, WHICHEVER OCCURS FIRST. PROTECTION SHALL BE DEPLOYED ON ACTIVE DSAS PRIOR TO THE PREDICTED (40% OR MORE CHANCE) ONSET OF SIGNIFICANT PRECIPITATION.

"TERRACES." FOR CUT SLOPES UP TO 60 FEET IN HEIGHT, TERRACES AT LEAST 8 FEET (2.4 METERS) IN WIDTH SHALL BE ESTABLISHED AT NOT MORE THAN 30-FOOT (9.1 METERS) VERTICAL INTERVALS ON ALL CUT SLOPES TO CONTROL SURFACE DRAINAGE AND DEBRIS EXCEPT THAT WHERE ONLY ONE TERRACE IS REQUIRED, IT SHALL BE AT MIDHEIGHT. FOR CUT SLOPES GREATER THAN 60 FEET (18 METERS) AND UP TO 120 FEET (37 METERS) IN VERTICAL HEIGHT, ONE ADDITIONAL TERRACE AT APPROXIMATELY MIDHEIGHT SHALL BE 12 FEET (3.6 METERS) IN WIDTH. TERRACES SHALL SLOPE A MINIMUM OF 5 PERCENT GRADIENT TOWARD THE HILLSIDE. TERRACE WIDTHS AND SPACING FOR CUT SLOPES GREATER THAN 120 FEET (36 METERS) IN HEIGHT SHALL BE DESIGNED BY THE CIVIL ENGINEER AND APPROVED BY THE DIRECTOR. SUITABLE ACCESS SHALL BE PROVIDED TO PERMIT PROPER CLEANING AND MAINTENANCE.

"SEDIMENT BASIN:" A BASIN WITH A CAPACITY EQUIVALENT TO AT LEAST 3600 CUBIC FEET OF STORAGE (AS MEASURED FROM THE BOTTOM OF THE BASIN TO THE PRINCIPAL OUTLET) PER ACRE DRAINING INTO THE BASIN. THE LENGTH OF THE BASIN SHALL BE MORE THAN TWICE THE BASIN'S WIDTH (LENGTH IS DETERMINED BY MEASURING THE DISTANCE BETWEEN THE INLET AND THE OUTLET). THE DEPTH OF THE BASIN MUST NOT BE LESS THAN THREE FEET NOR GREATER THAN FIVE FEET.

"TREATMENT": A COMBINATION OF BASIN AND TREATMENT ENGINEERED TO CAPTURE AND TREAT (TO REMOVE 0.01 MM SIZED PARTICLES AND LARGER) THE 10-YEAR, 6-HOUR RAIN EVENT USING Q=CXIXA WHERE C=0.5 AND I RANGES FROM 0.286 (EL DORADO HILLS) TO 0.500 (SLY PARK).

GENERAL REFERENCE: EL DORADO COUNTY "STORM WATER MANAGEMENT PLAN", OCTOBER 2004. AVAILABLE ON-LINE AT: HTTP://WWW.CO.EL-DORADO.CA.US//EMD/SOLIDWASTE/STORM.HTML

1. CALIFORNIA STORM WATER QUALITY ASSOCIATION (CASQA) "CONSTRUCTION HANDBOOK", JANUARY 2003, ERRATA SEPTEMBER 2004. AVAILABLE ON-LINE ATHTTP://WWW.CABMPHANDBOOKS.COM/ CALTRANS "STATEWIDE STORM WATER QUALITY PRACTICE GUIDELINES", APRIL 2003.

AVAILABLE ON-LINE AT: HTTP://WWW.DOT.CA.GOV/HQ/ENV/STORMWATER/SPECIAL/NEWSETUP/INDEX.HTM 3. HIGH SIERRA RESOURCE CONSERVATION AND DEVELOPMENT COUNCIL "VEGETATION ESTABLISHMENT GUIDELINES FOR THE SIERRA NEVADA FOOTHILLS AND MOUNTAINS," AVAILABLE ON-LINE AT: HTTP: //WWW.CO.EL-DORADO.CA.US/EMD/SOLIDWASTE/STORMWATER/HSRCD%20VEGITATION%20GUIDELINES %20FINAL%202005.PDF

CRITICAL AREA PLANTING CONSTRUCTION SPECIFICATIONS (JANUARY 2006)

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 SEEDED, TIMING OF SEEDING COMPLETE REVEGITATION 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.

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

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 INOCULATE 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.

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, PELLETED 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.

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

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.

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 GAUGE FOR METERING OVER GROUND SURFACES. IT HAS THE PROPERTY TO BE EVENLY DISPERSED AND SUSPENDED WHEN AGITATED IN WATER.

D. SEEDING REQUIREMENTS

WIMMERA '62' RYE GRASS

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

SEEDBED PREPARATION - THE ENTIRE AREA TO BE SEEDED 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 SEEDED 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.

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.

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 CULTIPACKED 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" 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 (HYDROSEEDED OR BROADCASTED)						
POTOMAC ORCHARD GRASS		0.55 LBS/1000 SqFt				
OR LUNA PUBESCENT WHEAT GRASS	36 LBS/ACRE	0.80 LBS/1000 SqFt				
OR TOPAR PUBESCENT WHEAT GRASS	36 LBS/ACRE	0.80 LBS/1000 SqFt				
AND	6 LBS/ACRE	.15 LBS/1000 SqFt				

A STRAW MULCH COVERING SHALL BE APPLIED OVER THE SURFACE OF THE SEEDED AREA. MULCHING SHALL FOLLOW IMMEDIATELY AFTER SEEDING UNLESS OTHERWISE DIRECTED. STRAW WILL BE REQUIRED FOR MULCH MATERIAL. IF PROJECT IS BROADCAST SEEDED, DRILL SEEDED, OR HYDROSEEDED, STRAW MULCH WILL STILL BE REQUIRED.

FOR SEEDING NOT PERFORMED BETWEEN SEPTEMBER 15 AND OCTOBER 15 HYDROSEEDED OR BROADCASTED

POTOMAC ORCHARD GRASS	48 LBS/ACRE	1.10 LBS/1000 SqFt
OR LUNA PUBESCENT WHEAT GRASS	72 LBS/ACRE	1.60 LBS/1000 SqFt
OR TOPAR PUBESCENT WHEAT GRASS	72 LBS/ACRE	1.60 LBS/1000 SqFt
WIMMERA '62' RYE GRASS	12 LBS/ACRE	.3 LBS/1000 SqFt

A STRAW MULCH COVERING SHALL BE APPLIED OVER THE SURFACE OF THE SEEDED AREA. MULCHING SHALL FOLLOW IMMEDIATELY AFTER SEEDING UNLESS OTHERWISE DIRECTED. STRAW WILL BE REQUIRED FOR MULCH MATERIAL. IF PROJECT IS BROADCAST SEEDED, DRILL SEEDED, OR HYDROSEEDED, 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 - IMPORT: 0

CUBIC YARDS - EMBANKMENT: 800±

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

1. 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. 2. ALL WORK SHALL BE ACCOMPLISHED TO THE SATISFACTION OF THE COUNTY OF EL DORADO,

AUTHORIZED REPRESENTATIVE. 3. ALL REFERENCE TO COUNTY SHALL MEAN THE COUNTY OF EL DORADO OR AUTHORIZED

REPRESENTATIVE. 4. ALL REFERENCE TO THE STANDARD SPECIFICATIONS SHALL MEAN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JULY 2006. 5. 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.

7. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7, "LEGAL RELATIONS AND RESPONSIBILITY" OF THE STANDARD SPECIFICATIONS.

8. RIGHTS TO ENTER AND CONSTRUCT SHALL BE OBTAINED PRIOR TO CONSTRUCTING ANY OFF-SITE WORK SHOWN IN THESE PLANS. COPIES OF SUCH DOCUMENTS SHALL BE KEPT ON-SITE AT ALL TIMES DURING THE PERFORMANCE OF OFF-SITE WORK

9. 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

10. 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. 11. 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.

12. 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.

13. 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) 14. 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. 15. 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

16. 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. 17. 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.

18. 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.

19. 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.

20. 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.

21. PRECAST CONCRETE STRUCTURES SHALL CONFORM TO SECTION 70-1.02H "PRECAST CONCRETE STRUCTURES" OF THE STANDARD SPECIFICATIONS.

22. 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.

23. IF BURNING ACTIVITIES ARE TO OCCUR DURING CONSTRUCTION, THE DEVELOPER SHALL OBTAIN THE NECESSARY BURNING PERMITS FORM THE CALIFORNIA DEPARTMENT OF FORESTRY AND AIR POLLUTION PERMITS FROM THE COUNTY PRIOR TO SAID BURNING ACTIVITIES.

24. OMISSIONS AND ERRORS ON PLANS SHALL NOT BE VALID, AND ALL CODES AND LAWS MUST BE COMPLIED WITH BY THE OWNER, ENGINEER AND CONTRACTOR. 25. IMPORT OR EXPORT OVER 250 CUBIC YARDS TO ANY OFF-SITE BORROW OR DISPOSAL SITE WILL

MAINTAINED CLEAR AND UNOBSTRUCTED AT ALL TIMES INCLUDING DURING CONSTRUCTION.

REQUIRE A SEPARATE GRADING PERMIT FOR THE OFF-SITE LOCATION. 26. 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

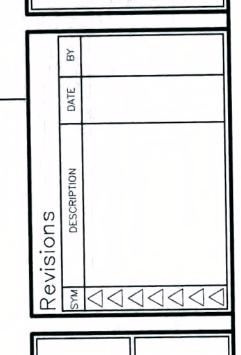
27. RULE 300 OPEN BURNING: BURNING OF WASTES ON-SITE REQUIRES THE APPLICANT CONTACT THE DISTRICT PRIOR TO THE COMMENCEMENT OF ANY BURNING FOR NECESSARY BURN PERMIT REQUIREMENTS. ONLY VEGETATIVE WASTE MATERIALS ARE PERMITTED TO BE DISPOSED OF USING AN OPEN OUTDOOR FIRE. PROJECT CONSTRUCTION SHALL ADHERE TO DISTRICT RULE 300 28. CUTBACK AND EMULSIFIED ASPHALT: PROJECT CONSTRUCTION SHALL ADHERE TO DISTRICT RULE

224 CUTBACK AND EMULSIFIED ASPHALT PAVING MATERIALS.

JAMES C. WILLSON, PE, F

S C WILL CO No. 38947 *\ Exp. 3/31/2025/ CIVIL OF CALIFOR

10/11/2025



2/8/2024

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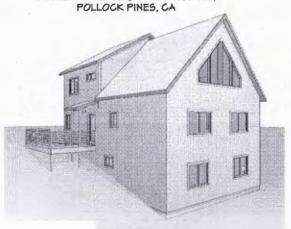
EL DORADO COUNTY

PLANNING AND BUILDING DEPARTMENT

25-1569 C.7 Page 2 of 18

KUHL RESIDENCE

1 BULLARD PLACE (APN: 011-030-058)



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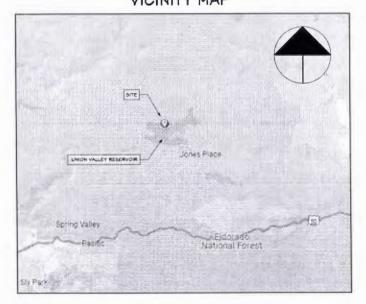
EL DORADO COUNTY
PLANNING AND BUILDING DEPARTMENT

BURNE ENCINEERING (930) 672-1600

-058)

COVERSHEET
KUHL RESIDENCE
BULLARD PLACE (APN: 011-030-05

VICINITY MAP



SCOPE OF WORK

CONSTRUCT A NEW RESIDENCE.

SQUARE FOOTAGE SUMMARY

MAIN LEVEL	1120 ft ^a	
LOWER LEVEL	Tá3 R²	
リアヤモ大 LEVEL	\$35 R*	
	2555 ft*	
ENTRY DECK	173 R°	
	173 (*	

PROJECT INFORMATION

CONSTRUCTION TYPE:	V-8	2022 CALIFORNIA RESIDENTIAL CODE
SPRINKLERED:	YES	2022 CALIFORNIA PLUMBING CODE
STORIES ABOVE GRADE:	,	3022 CALIFORNIA MECHANICAL CODE
		2022 CALIFORNIA ELECTRICAL CODE
		2022 CALIFORNIA BUILDING CODE
		2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDAR
		2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

SHEET INDEX

COVERSHEET
ARCHITECTURAL NOTES
ARCHITECTURAL PLOOR PLANS
ELEVATIONS
ARCHITECTURAL ROOF PLAN & SECTIONS
ELECTRICAL PLANS
GAS PIPING PLAN
STRUCTURAL FLOOR PLANS
FOUNDATION & MAIN FLOOR FRAMING PLANS
UPPER FLOOR FRAMING & ROOF FRAMING PLANS
STRUCTURAL DETAILS
STRUCTURAL DETAILS
STRUCTURAL DETAILS
STRUCTURAL NOTES
CIVIL PLANS
FIRE SPRINKLER PLAN





AO.O

25-1569 C.7 Page 3 of 18

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Content States or Interestable States Subject Orders Newspringed States States on Management	Vanted rage team, i-ob captive of following (ED) Cities bidden exhaust for EOV Universitätism submitt for \$0 clin (ES L/d) John ES L/d-Cantinosum Impo- dentine S ach, houst on blathen of	ofing application range the philosottop space on, excluding discountry on, including discountry in high discountry	hand containations shall eased astone of little in 1966; 136:0-0 as application its ASS clim (1986 L/N) or a repositing of 5 it. 360 clim (1986 L/N)
Content States or Interestable States Subject Orders Newspringed States States on Management	Vanted rage team, i-ob captive of following (ED) Cities bidden exhaust for EOV Universitätism submitt for \$0 clin (ES L/d) John ES L/d-Cantinosum Impo- dentine S ach, houst on blathen of	ofing application range the philosottop space on, excluding discountry on, including discountry in high discountry	hand containations shall eased astone of little in 1966; 136:0-0 as application its ASS clim (1986 L/N) or a repositing of 5 it. 360 clim (1986 L/N)
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Content States or Interestable States Subject Orders Newspringed States States on Management	Vanted rage team, i-ob captive of following (ED) Cities bidden exhaust for EOV Universitätism submitt for \$0 clin (ES L/d) John ES L/d-Cantinosum Impo- dentine S ach, houst on blathen of	ofing application range the philosottop space on, excluding discountry on, including discountry in high discountry	hand containations shall eased action of little in 1964; 13th 0-0 as applicable Rr. ASS clim (1981 L/N) or a repositing of 5 Rr. ASS clim (1981 L/N)
Application 184	Other Minfers subment for 50 clm (25 U/d) 10 clm (25 U/d) 15 U.S-F Caretineous Logic definer 5 ach, heard on history of	i Mariellanding Entering	
Application	Such, Neutri on Mission on		Addres Being
Page 238		2022 8444	ng Ernergy Efficiency Standards
Table 190.0-6 Ritches Roug According	p House Airflow States (cflor) a g oo Campling (red Place Asso	and ASTM ENGET Cap and Ritches Range	pture Afficiency (CE) Audings Auri Type
Counting Unit Place Area (R*) >1500	50% CE er 135	D clivs	Port Cl or 180 clin
>1000 - 1500	50h CE or 136	§ çâm	80% Ct or 250 clim
750 - 1600 4750			85% CE or 260 clin. 85% CE or 260 clin.
Tebés 150.0-H Pro	escriptore Hermitetaer System	Ouct Stong (ASHRA	if 62.2: Febre 5-35
proposer 6.25 in. water (25)	600 E30 E325 E350 I	6175 4308 6250 (85) (85) (130)	4758 4400 4450 2780 4800 (1464) (380) (2340 (3800 (380)
billeamous Sout Champtor, 5* in. (next) ** For Right dust. (100) Millimous Dust Diameter, 4 in. (next) ** For Right dust. (200)	(125) (130) (130) (130)	(306)	(236) (256) 😅 😅 😂
s. For this scenario, 4 in (100 m	mej eval duct shall be permet	Back, provided the m	dear axis of the axed is greater
	Table 1300-04 Ritches Rum According that from a 51500 1500-1500	Trails 130-04 Bitchen Respir broad Anthon Basses (picts) Assuming an Duesting total than James (picts) 13100	Table 130-0-6 Bitchess Responses Name Andrées Gazes (julie, and Aff Tab GREET Cap. Table 130-0-6 Bitchess Responses Name Andrées Gazes (julie, and Aff Tab GREET Cap. Table 130-0-6 Bitchess Responses Name Andrées Gazes (julie, and Aff Tab GREET Cap. Table 130-0-6 Bitchess Responses Name Andrées Gazes (julie) 1900 1900 1900 1900 1900 1900 1900 190

GREEN BUILDING CODE NOTES:

- FLUMBING FIXTURES AND FITTINGS REQUIRED IN SECTION 4:303.1 SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA FLUMBING CODE. AND SHALL MEET THE APPLICABLE REFERENCED STANDARDS. GOBSC
- 4.309.2
 Autohatic Irrigation Systems controllers installed at the time
 of final inspection small be provided with integral rain
 sensors or soil moisture sensors that adjust irrigation in
 response to change in plants needs as preather conditions
- RESPONSE TO CHANGE IN PLANTS REEDS AS PRATTER CONDITIONS CHANGE. GRESS 4.304.1 ANNUAL SPACERS AROUND PIPES, ELECTRICAL CABLES, CONDUITS OR OTHER OPERINGS IN PLATES AT EXTENDIT MALL SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPERING PIRTS CEMERY MORTAR, CONCRETE HASOING OS SIMILAR ACCEPTABLE
- METHODS: COBSC. 4406

 A MINIMUM OF 05 FERCENT OF THE CONSTRUCTION MASTE GENERATED

 AT THE SITE SHALL BE DIVERTED TO RECYCLE OR SALVAGE. COBSC.
- 4.408.1 An Operation and Maintenance Manual Shall be provided prior TO final Inspection. CGBSC 4.410.1
- TO TINAL INSPECTION, COSSC 4410.1

 GAS PIREPLACES SHALL BE A DIRECT-VENT SEALED COMBUSTION TYPE.

 HOODIFELLET STOYES SHALL LOOME, THITLUS, EPA NEW SOURCE
 PERFORMANCE STANDARDS HESTS EMPSIONS LIMITS, COSSC 4 503.1

 DUCT AND VENT OPENINGS SHALL BE COVERED DURING CONSTRUCTION.

 COSSC 4,904.7
- COBDG 4.394.1 ADHESIVES, SEALANTS AND CAULK SHALL BE COMPLIANT METH YO'G AND OTHER TOXIC COMPOUND LIMITS. GGBSC 4304.2.1 PAINTS, STAINS, AND OTHER COATINGS SHALL BE COMPLIANT METH YO'C LIMITS.

- PAINTS, STAINS, AND OTHER COATINGS SHALL BE COMPLIANT WITH YOU CHIEFTS.

 AEROSOL PAINTS AND COATING SHALL BE COMPLIANT WITH PRODUCTS PRESENTED HE JUST FOR ROCK AND OTHER TOXOS COMPOUNDS.

 AEROSOL PAINTS AND COATING SHALL BE COMPLIANT WITH PRODUCTS PRESENTED HE CORP. COATING SHALL BE PROVIDED TO VERIFY THAT COMPLIANT YOU COUNTY SHALL BE PROVIDED TO VERIFY THAT COMPLIANT WITH COMPLIANT WITH YOU CHIEFT SHALL BE COMPLIANT WITH YOU COUNTY WITH YOU CHIEFT SHALL BE COMPLIANT WITH CHIEFT COLLABOR OF COMPLIANT WITH CHIEF SHALL BOTH SHALL BE SHALL BOTH SHALL BE SHALL CHIEFT SHALL COLLABOR WITH SHALL BE SHALL CHIEFT SHALL COMPLY WITH LOW COMPLIANT WITH CHIEFT COMPLIANT WITH CHIEF SHALL COMPLY WITH CHIEFT SHALL COMPLY WITH CHIEFT COMPLIANT WITH CHIEFT SHALL COMPLY WITH CHIEFT SHALL COMPLY WITH CHIEFT CHIEFT SHALL COMPLY WITH LOW COMPLIANT WITH CHIEF SHALL COMPLY WITH LOW COMPLANT WITH CHIEF SHALL COMPLY WITH LOW COMPLANT WITH CHIEF SHALL COMPLY WITH LOW COMPLANT WITH CHIEF SHALL COMPLY WITH LOW COMPLIANT WITH CHIEF SHALL COMPLY WITH LOW COMPLANT WITH SHALL S

- ANSWACCA MANUAL J-2019 OR EQUIVALENT SIZE DUCT SYSTEMS ACCORDING TO ANSWACCA 1 MANUAL D-2016
- OR EQUIVALENT.

 SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSWACCA 3 HANUAL 5-2014 OR EQUIVALENT.

PLUMBING FIXTURE REQUIREMENTS:

- THE CLOSES : < 1.2 agains 6:0505 4:303.1

 SINGLE SHOPER PLANS: < 1.5 agains 6:0505 4:303.1

 SINGLE SHOPER PLANS: < 1.5 agains 8:00 pill C-0505 4:303.1.3

 SINGLE SHOPER PLANS: < 1.5 agains 8:00 pill C-0505 4:303.1.3

 ANDIOR OTHER SHOPER OUTLETS CONTROLLED BY A SHIPSLE VALVE SHALL HOT EXCEED 1.3 again 8:00 pill CROWLY ONE SHOPER OUTLET BY O BE MUCH SHOPER OUTLET BY OUT SHOPER OUTLET BY OUTLET

MATER HEATER NOTES:

- PHATER MEATER SHALL HAVE ISOLATION VALVES ON BOTH THE COLD WATER SUPPLY AND THE HOT MATER PIPE LEAVING THE MATER MEATER AND HOSE BIBS OR OTHER FITTINGS ON BOLD HOW FOR FLUSHING THE MATER HEATER WHEN THE VALVES ARE CLOSED.
- PROVIDE A PARTER THEN I HE YALVES ARE CLOSED.

 PROVIDE A PARTER-TIGHT DRIP PAN OF CORROSION-RESISTANT MATERIALS

 BENEATH THE MATTER HEATER WA 334* DRAIN TO AN APPROVED LOCATIO A CONDENSATE DRAIN THAT IS A MAXIMUM OF 2" HIGHER THAN THE BASE OF THE INSTALLED MATER HEATER THAT ALLONS NATURAL DRAIN
- MITHOUT PUMP ASSISTANCE SHALL BE INSTALLED.
 A CATEGORY III, N O'R A TYPE B VENT PHITH A STRAIGHT PIPE BETWEEN THE
 OUTSIDE TERMINAL AND THE SPACE PHERE THE MATER HEATER IS LOCATED SHALL BE INSTALLED
- OUTSIDE TERMINAL AND THE SPACE PAHERE THE PAHER HEATER IS LOCATED SHALL BE INSTALLED BY ANK TYPE PAHER HEATER REQUIRES 2 SEISMIC STRAPS, ONE TRAP PAHIN THE UPPER IS AND THE OTHER WITHIN THE LOYER IS OF THE OWNERS THAN SHALL BUT BE INTIMIA OF THE STORAGE THE PAHER HEATER REPORTED HIT BY THE STORAGE THE STORAGE THE STRAP SHALL BE FOUNDED HIT AND AND THE STORAGE THE PAHER HEATER SHALL BE FOUNDED HIT AND AND THE PERFERANCE RELIEF VALVE WHERE A PRESSURE REGULATOR IS INSTALLED, AN APPROVED LISTED EXPANSION TANK OR OTHER DEVISE SHALL BUT ALLED TO CONTROL INTERNIT WHEN AND EXPANSION, OF SHALL BUT ALLED TO CONTROL INTERNIT WHEN AND EXPANSION. FOR THAT HEATER SHOP TALLED IN THE GARAGE SHALL BUT THE SHALL BUT AND TH
- - SHALL BE GUARDED AGAINST DAMAGE BY A PROTECTIVE BARRIER
 SHALL BE ELEVATED
 SHALL BE LOCATED OUT OF THE NORMAL PATH OF VEHICLES.

MILDLAND URBAN INTERFACE NOTES:

THE PROJECT IS SUBJECT TO THE HILD AND URBAN INTERFACE
REQUIRENENTS. THE FOLLOWING METHODS FOR EXTERDIOR HILD PIRE

EXTERIOR PALL PRINSES I SIGNIC REQUIREMENTS: THIS PROJECT IS

CONSTRUCTED PRIN NON-COMBUSTRILE OR IGNITION RESISTANT AWARDBOARD CAMPATI SIGNIC REQUIREMENTS HERE FOR IGNITION RESISTANT AWARDBOARD CAMPATI SIGNIC PART MEET THE PERFORMANCE CARTERIA IN

ACCORDANCE PRINT THE TEST PROCEDURES FOR A 10-MINUTE DRECT
FLAME CONTACT BROWNER TEST SET FORTH IN SPIN STANDARD 1274-A.

- FLAME CONTACT EXPOSURE TEST SET FORTH IN SPH STANDARD 12-14 VERTING—VER 5 OVERHAMS-VENTLATION OPENINGS FOR ENCLOSED ATTICS, ENCLOSED EXTES SOFTIT SPACES, ENCLOSED RAYTER SPACES FORMED PHERE CELINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF MOOT RAYTERS, AND UNDERSLOOP XENTLATION OPENINGS FULL MEET THE FOLLOWING REQUIREMENTS: 1) THE DIVERSIONS OF THE OPENINGS FULL SHANDARD FOR SHANDARD SHA CORROSION RESISTANT, YULCAN YENTS WILL BE USED TO MEET THESE
- MINDOW GLAZING & DOOR PROTECTION: ALL OF THE FOLLOWING WILL BE CONSTRUCTED OF DUAL GLAZED TEMPERED PANES MEETING THE REQUIREMENTS OF SECTION 2406 SAFETY GLAZING: 1) EXTERIOR

- CONSTRUCTED OF DUAL GLAZED TEMFEREU FAMES MEETHIN THE REQUIREMENTS OF DECTION JOES SOUTH 'GLAZED AND 'TEXTERIOR THIN REQUIREMENT OF DECTION JOES SOUTH 'GLAZED AND 'TEXTERIOR THIN EXTERIOR BOOKS, 4) BLAZED OFENINGS SYNTHIN EXTERIOR GLAZED EXCENSIVE BLAZED OFENINGS SYNTHIN EXTERIOR GLAZED EXCENSIVE BLAZED AND SOUTH SOUTH BEATERIOR GLAZED EXCENSIVE BLAZED AND SOUTH BEATERIOR BOOKS; MELL BE A SOUTH-COME, NON-COMBITIBLE OR HANTON RESISTANT HATERIOR, GLAZED AND THE CRITICAL SECTION STATES AND THE SECTION STATES AND SOUTH FROM THE STATES AND SOUTH STATES AND SOUTH FROM THE STATES AND SOUTH

DOOR NOTES:

ALL EXTERIOR DOORS SHALL BE SOUD CORE W STILES AND RAILS HOT LESS THAN 1-3/6" THICK WITH INTERIOR FIELD PANEL THICKNESS NO LESS THAN 1-1/4" OR SHALL HAYE A FIRE RATING OF 20 MINUTES, PER CRC #331.6.3

TEMPERED GLASS REQUIREMENTS:

- SLAZING IN ENCLOSURES FOR OR PALLS FACING BATHTUBS OR SHOWERS MALERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN BOT A F. AND LESS THAN BOT FROM THE TUBSHOWER
- HALL BE TEMPERED SHALL BE TEMPERED.
 GLAZING ADJACENT TO THE STAIRMAY METHIN 60" HORIZONTALLY OF
- GRAZING ADJACENT TO THE STANDAY THAT HIS BY WOULDN'S LLT THE BOTTON THEAD OF A STANDAY THAT HIS BY THOUGHT HAVE THE THEAD OF A STANDAY THAT HIS BY THE THEAD STANDAY THAT HAVE THE THEAD STANDAY THAT THE THEAD SHALL BE TEMPERED.

 OLAZING ADJACENT TO A DOOR AND PHARTE GLAZING SILESS THAN BY A FT., AND HELT THE BELOW REQUIREMENTS PER CRC ROOS.

 A. ALL MINDOPS ADJACENT TO AND WITHIN 25 OF BETTINE BOSE OF
- 50" A F.F., AND MEET THE BELOW REQUIREMENTS FER CRC. 1906.4.
 A LL HANDOWS DAUGE TO AND ON THE X-OF ETHER EDGE OF A DOOR IN THE CLOSED POSITION.
 DOOR IN THE CLOSED POSITION AND PAIRLY TO THE PLANE OF THE DOOR IN A CLOSED POSITION AND PAIRLY AT O'THE PLANE OF THE DOOR IN A CLOSED FORTON AND PAIRLY AT O'T THE HINGE SIDE OF AN IN SANIKHING DOOR.
 TEMPERED CLOSED SEED IN AN INDIVIDUAL FIXED OR OFERABLE

- MERED GLASS IS REQUIRED IN AN INDIPULAL TIKED OR OPERABLE MEET THAT EXPOSED ALLOT THE COLLOPING CONDITIONS:
 THE EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER THAN 4 SOLIARS FIELD.
 THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 13 INCMES ABOVE THE FLOOR, THE TOP EDGE OF THE GLAZING IS MORE THAN 36 INCMES ABOVE THE FLOOR, THE TOP EDGE OF THE GLAZING IS MORE THAN 36 INCMES ABOVE THE FLOOR, PHALLORS OUPPACES ARE HETHIN 36 INCMES ABOVE THE FLOOR, PHALLORS OUPPACES ARE HETHIN 36 INCMES HEAGURED HORIZOHTALLY AND IN A STRAIGHT LINE, OF THE GLAZING
- GLAZING.
 GLAZING IN ALL FIXED AND OPERABLE PANELS OF SMINGING OR
- SLIDING DOORS,
 SLIDING DOORS,
 SLAVING 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 OFENING THAT IS A HILIPLIA OF SAYNISH AND DOYNUE.

 HE SLEAF OFFINISHE AREA OF HOT TEST SHAM ST SCLAME FEET.

 MICHIEL SHAME SHAME THOOR OFENINGS OR RELION GRADE
 OPENINGS SHALL HAVE A HET CLEAR OFENING AREA OF HOT

 ESS THAN S SQLAME FEET.

 SILL HEIGHT TO BE A HANGHING OF 4" ABOVE THE FLOOR.

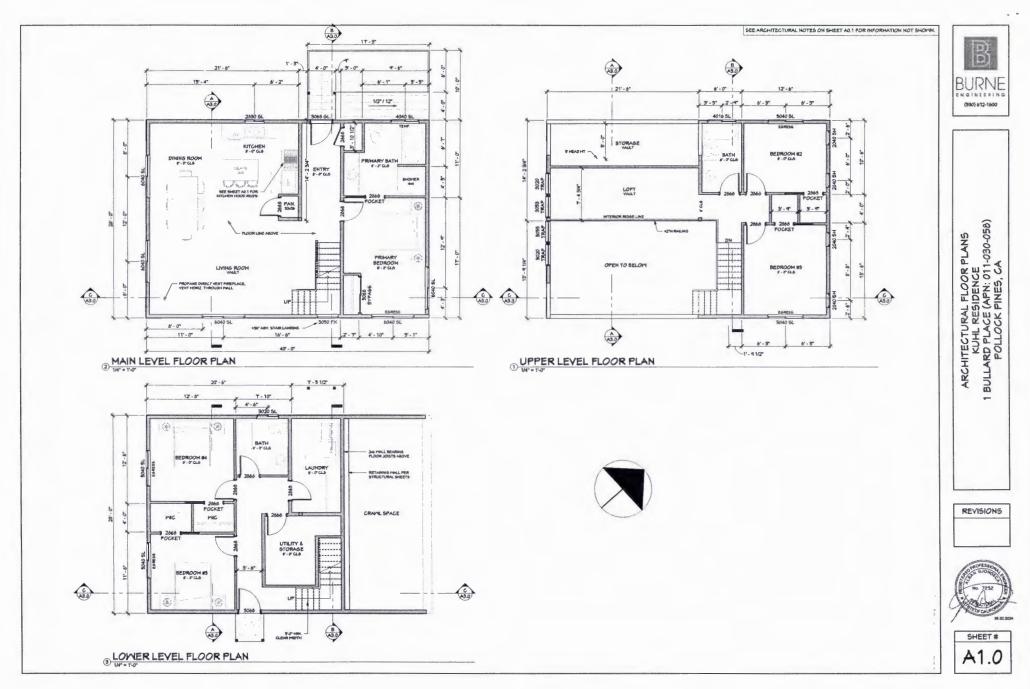


-030-058) ARCHITECTURAL NOTE:
KUHL RESIDENCE
1 BULLARD PLACE (APN: 011-0
POLLOCK PINES, CA

REVISIONS



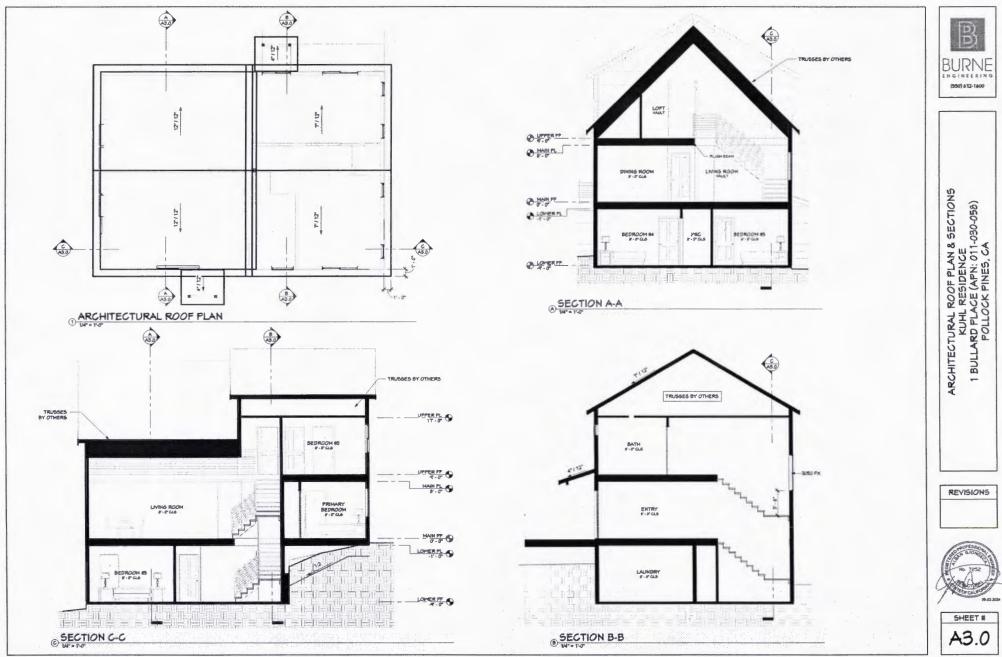
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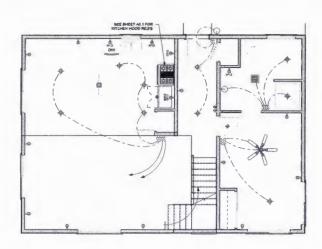




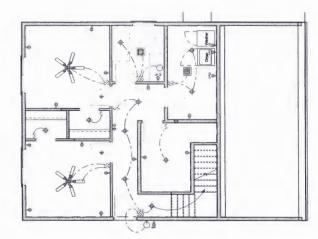




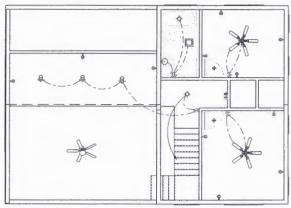




MAIN LEVEL ELECTRICAL PLAN



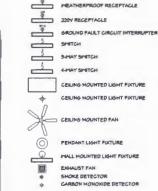
LOWER LEYEL ELECTRICAL PLAN



UPPER LEVEL ELECTRICAL PLAN

ELECTRICAL NOTES:

- TAMPER RESISTANT.
 ALL NEW HOT MATER SUPPLY PIPING FROM THE HEATING SOURCE TO THE KITCHEN FIXTURES SMALL BE INSULATED PER CEC SECTION 150 0 ()2 vi.
- ALL 15 OR 20 AMP, 125 OR 250 YOLT RECEPTACLES INSTALLED OUTDOORS IN MET LOCATIONS MUST BE LISTED MEATHERPROOF TYPE MHEN THE PLUG IS OR IS NOT
- BRANCH CIRCUITS SERVICING GARAGE RECEPTACLES SHALL NOT SERVE OUTLETS



ELECTRICAL LEGEND:

DUPLEX RECEPTACLE

CH GIN ESBING (530) 672-1600

B

ELECTRICAL PLANS KUHL RESIDENCE ARD PLACE (APN: 011-030-058) POLLOCK PINES, CA BULLA

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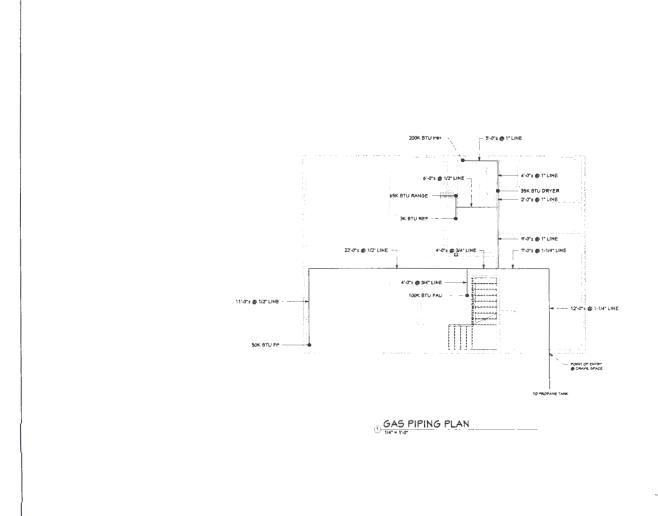
LIGHTING REQUIREMENTS:

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

- ALL INSTALLED LUHINARIES SHALL BE HIGH-EFFICACY IN ACCORDANCE W TABLE 150.0-A.

 ALL LUHINARIES REQUIRED TO HAVE LIGHT SOURCE CONFILIANT W REFERENCE JOINT
 APPENDIX JA, EXCEPT HALLPHAYS & CLOSETS OVER TO M. SHALL BE CONTROLLED BY
 DINHERS OR VACANCY SENSORS. (THIS APPLIES TO ALL GL-24 LEDs AND RECESSED
 LIMITATION OF THE STATE OF TH

- LIMINIARIES, IN ANTICOPE SERVING, SERVING, ATTLES TO ME, SOUR LEUR AND RECESSEL LIMINORY ROUTED, AND UTILITY ROUTED, AT LEAST ONE LIMINIARY IN EACH OF THESE SPACES SHALL BE CONTROLLED BY A VACANCY SENSOR OUTDOON LIGHTING. ALL DUTTOON LIGHTING SHALL BE CONTROLLED BY A HAMILL ON AND OFF SHETCH THAT DOES NOT OVERRIDE TO ON AND ONE OF THE FOLLOWING: CONTROLLED BY PROTOCELLED BY A HAMILL ON AND OFF SHETCH THAT DOES NOT OVERRIDE TO ON ADE ONE OF THE FOLLOWING: CONTROLLED AND ANNUAL OF PROTOCELLED AND ONE OF THE OLD ONE OF THE SHETCH AND OTHER CHARLES THE SHETCH AND OLD ONE OF THE SHETCH AND OTHER CHARLES THE SHETCH AND OLD ONE OF THE SHETCH AND OTHER CHARLES THE SHETCH AND ONE OF THE SHETCH AND OTHER CHARLES THE



WATER HEATER NOTES:

- PATER HEATER SHALL HAVE ISOLATION VALVES ON BOTH THE COLD PATER SHPILT AND THE MOT PATER PIPE LEAVING THE PATER HEATER, AND MOSE BIBS OR COTHER FITTINGS ON EACH VALVE FOR FLUSHING THE PATER HEATER, AND MOSE BIBS OR COTHER FITTINGS ON EACH VALVE FOR FLUSHING THE PATER HEATER WHEN THE VALVES ARE CLOSE INCRESSISTANT HATERIALS BENEATH THE PATER HEATER WAS 34° DRAIN TO AN APPROVED LOCATIO A CONDENSATE DRAIN THAT IS A MADINUM OF THIGHER THAT HE BASE OF THE INSTALLED PATER HEATER WAS 34° DRAIN TO AN APPROVED LOCATIO AND CANDED THE PATER HEATER WAS AND THE STACK THAT ALLOWS NATURAL DRAIN AND CALLED FOR THE STRUGGLINES OF THE SETTINGS THAT HEATER IS COLORATED WHAT IS NOT THE SPACE HE PATER HEATER WAS AND THE SPACE PARERE THE PATER HEATER WAS COLORATED WHAT IS NOT THE PATER HEATER SHOULDIES SHOWN OF THAT AND THE STACK SHOWN OF THE PATER HEATER SHOWN OF THE PATER SHOWN OF

GAS PIPING NOTES:

TOTAL DEVELOPED LENGTH OF PIPE = 156-0" MOST REMOTE OUTLET = 156.0" PIPING MATERIAL = SCHEDULE 40 METALLIC PIPE TOTAL BTU= 493K BTU

GRICOSE IT O SPRUEZIONE SAD DOS PRUDO INDUCEDO DE SENDE PRO SPRUEZIONE DE CONTRA DE CO

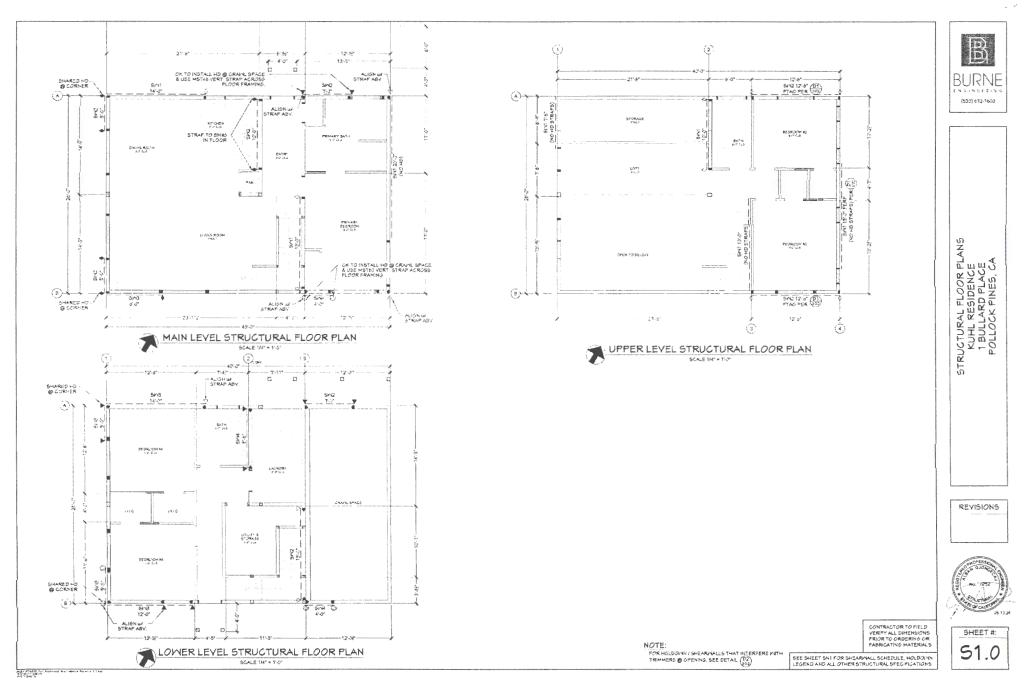
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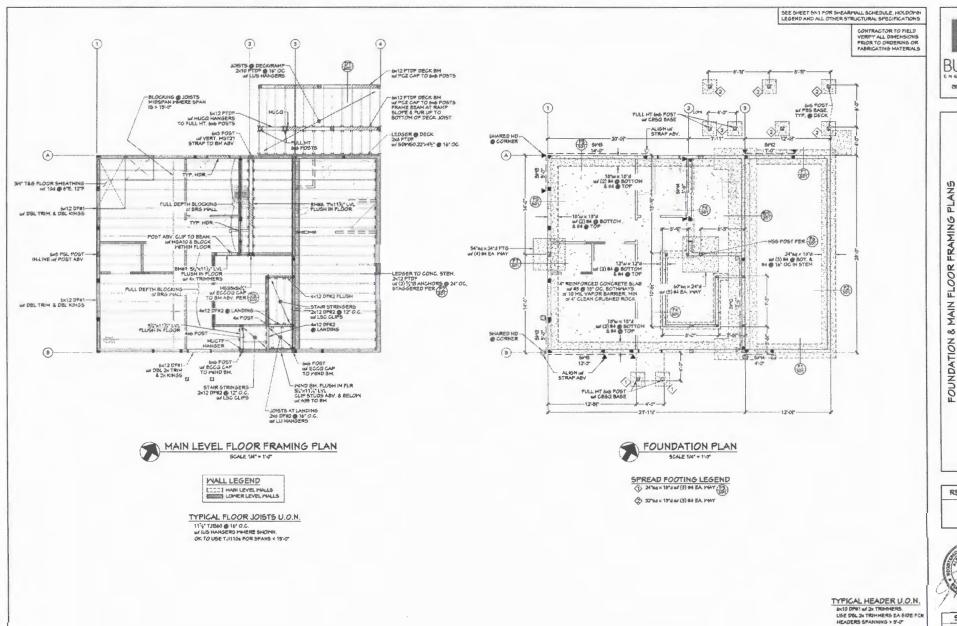


GAS PIPING PLAN KUHL RESIDENCE BULLARD PLACE (APN: 011-030-058) POLLOCK PINES, CA

REVISIONS

SHEET#





BURNE ENGINETATION (399) 672-1600

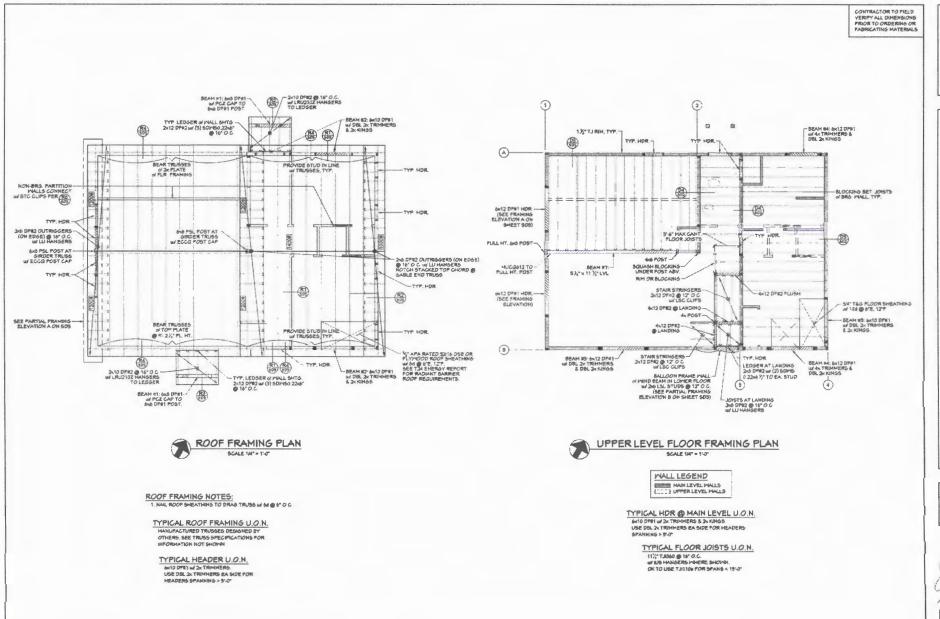
FOUNDATION & MAIN FLOOR FRAMING PLANS KUHL RESIDENCE 1 BULLARD PLACE POLLOCK PINES, CA

REVISIONS



54EET #:

FOR HOLDOVIN / SHEARMALLS THAT INTERPERS PET-TRIBUTERS @ OPENING, SEE PETAL



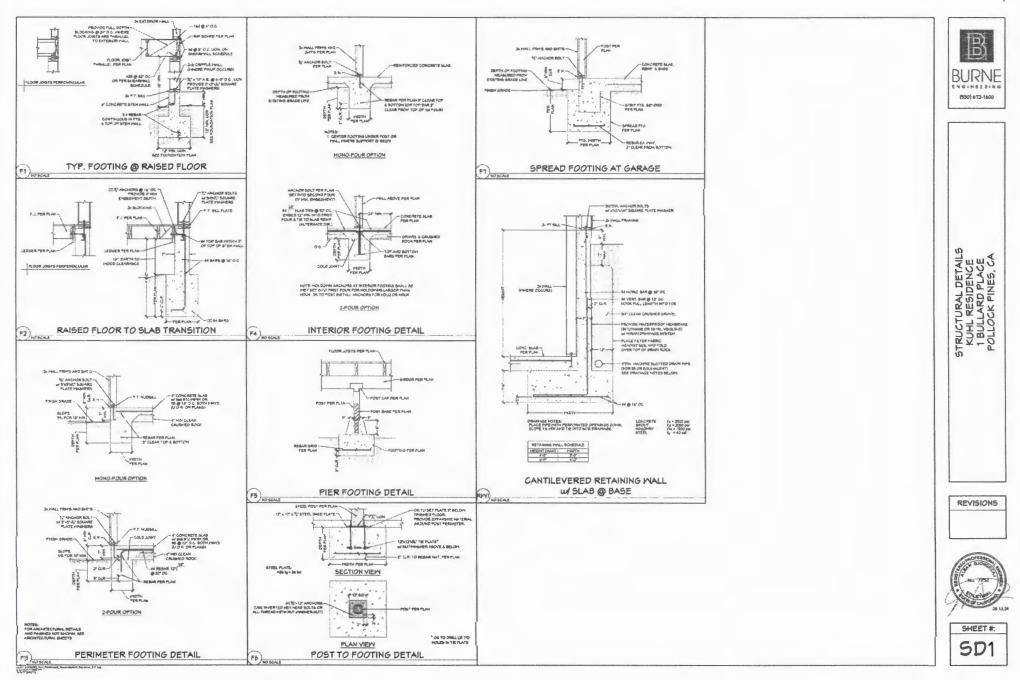


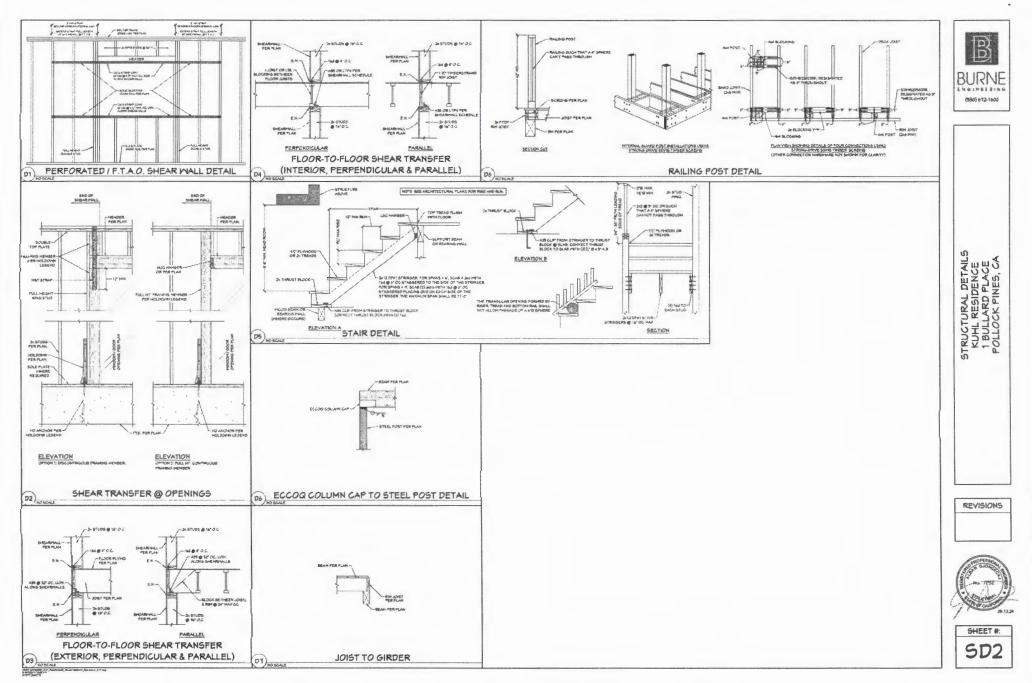
UPPER FLOOR & ROOF FRAMING PLANS
KUHL RESIDENCE
1 BULLARD PLACE
POLLOCK PINES, CA

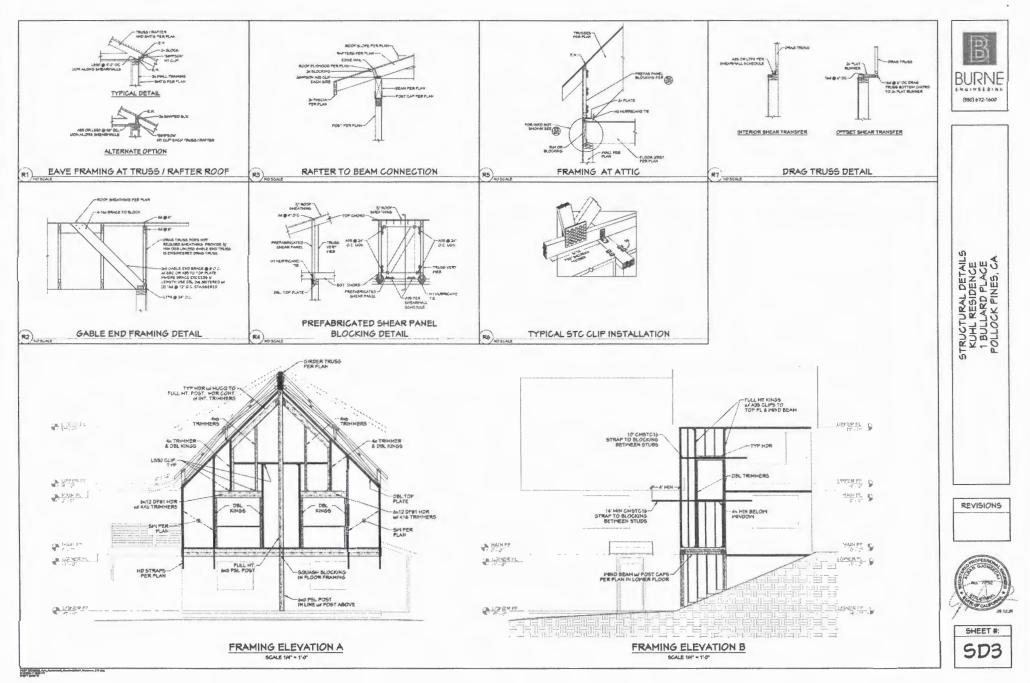
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5HEET #:







STRUCTURAL STEEL

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CONCRETE

GENERAL



STRUCTURAL NOTES KUHL RESIDENCE 1 BULLARD PLACE POLLOCK PINES, CA

REVISIONS



SHEET #:

MINIMUM CONSTRUCTION SITE STORM WATER MANAGEMENT PRACTICES

A. SCHEDULING DODSTRUCTION SHALL BE SCHEDALED TO MINIMEZE CONSTRUCTION ACTIVITIES IN "HOH-INDS: APEAS" AND THE MINIMATED OF ACTIVE DISTURBED SOLL AREAS, DIRENCE THE PRAYET SEASON (OCT. 15IN TO MAY 14). "HOH-INDS: APEAS" MILLION THOSE AREAS WITHIN 50 TEXT OF USOS WATERCOLITIES, 100-YEAR FLOOD "MAMES REQUALITIO WILLIAMOS, AND WHINES, SCHESS EXEXED 18X.

NUMBER SPECIAL TO BE LANCE. AND HEME S, OPES EXCELD 186.

MILES SPECIALLY AND HORSED BY THE COUNTY OF HOST EXPRESSIVATIVE, DURING THE PARTY SEASON THE CORRECTOR SHALL NOT EXCELLED AND THE CORRECTOR SHALL NOT EXCELLED AND THE CORRECTOR SPECIAL TO SHALL THE PRESENT OF SCHOOL TO THE CONSTRUCTOR. AND THE PARTY SHALL THE PRESENT SHALL THE

SALLY MORE TITLE.

PRESERVATION OF MATURAL FEATURES

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FROM TO THE COMMONIBULATION OF SALL PERTAINED ACTIVITIES. AREA OF EXISTING VIGITATION THAT ARE

FINANCIAL PROTECTION. IN CHICAGA, SALL RECESSALE STATE, HESSERVE STATE VIGITATION OF MATURAL TO SHALL BE

FINANCIAL RETIRET POSSIBLE. AND DURING CONTINUTION. EXISTING VIGITATION SHALL BE PRESERVED OF AN ADMINISTRATION OF AN ADMINISTRATION OF AN ADMINISTRATION OF AN ADMINISTRATION OF A POSSIBLE OF MANAGEMENTS.

FOR THE PROTECTION OF A SALD OF POSSIBLE OF MANAGEMENTS CONTINUED AND ADMINISTRATION OF A POSSIBLE OF MANAGEMENTS.

TO THE WATER TO THE TO THE TOTAL OF THE TOTA

D. STOCKPILE MANAGEMENT STOCKPILES SHALL BE MANAGED AS FOLLOWS:

1. SOIL STOCKPILES RAINY SEASON:

ANT SEASON: COVERED, OR PROTECTED WITH SOIL STABILIZATION MEASURES & PERIMETER SEDIMENT BARRIERS.

HON-RANY SEASON:

- COVERED OR PROTECTED WITH PERIMETER SEDIMENT BARRIERS.

CONCRETE / ASPHALT RUBBLE ROCK AND AGGREGATE BASE / SUB-BASE - CONCRED OR PROTECTED WITH PERMETER SEDMENT BARRIERS

COLD MIX" ASPHALT

SEDIMENT TRACKING CONTROL
 SEDIMENT TRACKING CONTROL
 APPROPRIATE MEASURES SHALL BE DEPLOYED TO MINIMAZE THE TRACKING OF SEDIMENT OFF-SHE BY VARCLES AND/OR EXPORTED.
 BOOLDINGS, AND THE MASSING WEBE TRACKING OCCUPS, STREETS SHALL BE SWEPT USING A PICKUP SHECKER WITH MINIST SUPPLY.

SHEDTER WITH SAITES SAPPLE.

NON-STORM MATER MANAGEMENT
NON-STORM MATER MANAGEMENT
NON-STORM WATER BOSCHAGGE SHALL BE MININGTO TO THE EXTENT FEASILE. SEDMENT-LAIDEN
NON-STORM WATER BOSCHAGGE SHALL BE MININGTON TO THE EXTENT FEASILE.

PRICE STORM WATER BOSCHAGGE SHALL BE MININGTON TO THE OPERATION.

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PRICE STORM WATER STORM WATER STORM WATER OPERATION.

OF THE WATER STORM WATER STORM WATER SHALL BE WATER SHAL

STIL DOES HOT EXCED HATURAL, OR PRE-CONSTRUCTION LEVELS.

1. SOR, STARLANDON MELADRES BOULDE:

1 HYDRAULE WALCH (REC. CASCA BUR # £ CC-3)

1 HYDROGUCINON (REC. CASCA BUR # £ CC-4)

1 SATIANT STARLIZED, NON-POLLUTING STRAY / WOOD / ORGANIC MULCH (REC. CASCA BUR P. CC-7)

1. SATIANT STARLIZED, NON-POLLUTING STRAY / WOOD / ORGANIC MULCH (REC. CASCA BUR P. CC-7)

1. STARLIZED CONSTRUCTION ROADWAYS (REC. CASCA BUR # £ CC-2)

STREAM FOR THE MENTERS INCLUDE:
SELF THESE S (RET. CASOL BBBP # SE-1)
STRAND F OR RAND, BAG BARRENES (RET. CASOL BBBP # SE-8)
FOR ROLL (SET. CASOL BBBP # SE-9)
FOR ROLL (SET. CASOL BBBP # SE-9)

L BASH / TRAPS BICLUDE:
- DESILTING BASHS (REF. CALTRANS BMPS)
- SEDMENT TRAPS (REF. CALTRANS BMPS)

IL ON DSAW WITH SLOPE LENGTHS GREATER THAN 10 FEET, THE FOLLOWING MEASURES SHALL BE DEPLOYED: RANY SEASON (OCT. 15TH TO MAY 15TE:
- NON-ACTIVE AREAS (NO SOLL DISTURBING ACTIVITIES FOR 21 OR NORE DAYS)

* ON SLOPES EQUAL TO OR FLATTER THAN 1:20 (V/H), SOIL STABILIZATION * ON SLOPES STEEPER THAN 1:20 (V/H), SOIL STABILIZATION AND SEDIMENT BARRIERS

INDICEMENT SEASON.

- NON-ACTIVE AREAS (NO SOIL DISTURBING ACTIVITIES FOR 21 OR NORE DAYS)

- ON SLOPES STEEPER THAN 1:2 (V/H), SEDMENT BARRIERS.

5. ODMERAL.

LODGERAL SHALL BE SEPLENTED ON MONEY-ACTIVE DEAL WITHOUT LOVEY FROM THE CESSATION OF PROTECTION OF ANY PROTECTION OF ANY PROTECTION OF PROTECTION (ORSO ON HORSE CHANGE) ONEST OF SOMETICANT PROGRATION, WHICHEVER OCCURS PRIEST. PROTECTION SHALL BE CEPLOYED ON ACTIVE DEAL PROOF TO THE PERCENTIATION.

PRIOR TO THE PRODUCTION (ASS ON MORE CHANCE) CHIEF OF SIGNERAN PROCEDURE (A METING) IN TERRACES, FOR COUTS MORE WE NO BETTER IN HEALTH, TREADES AT LAST A PIETE (2.4 METING) IN WIDTH SHALL BE LISTARDISHO AT MOT MORE THAN 35-FOOT (IN HEITED), WEITING, WITHOUT SHALL CHANGED, IT SHALL BE AT MINI-FORT FOR CUT SUPPLY SHORTED THAN 50 FOOT (IN HEITED), AND CONTROL 130 FEET (37 METING) IN VOICION, MEDIT, ONE ADDITIONAL TREADED AT MAY PRODUCED ATTLE MORE CONTROL THAN 150 FEET (37 METING) IN VOICION, MEDIT, ONE ADDITIONAL TREADED AT MAY PRODUCED THAN 150 FEET (IN METING) IN VOICION AND PRODUCED THAN 150 FEET (IN METING) IN HORSE TIER (IN METING) IN HORSE TIER (IN METING) IN HORSE SHALL BE PROSEDED BY THE CUNL, DISPOSED ALLOWS AND AMERICANISM THAN 150 FEET (IN METING).

SUTHMENT ACCESS SHAME, BE PROVIDED TO PRIVATE PROTEST LICENSES, AND INSTRUCTION OF STREAMS (AS "EXDEMENT BASISH" A MASISH WITH A CAPACITY (GUNWLESH'T TO AT LEST) 3000 CUBBC FEEL OF STORAGE (AS MEASURED FROM THE BOTTOM OF THE MASISH TO THE PRINCEPAL OUTLET) PER ACRES GRAMMING INTO THE BASISH, THE LESTION OF THE MASISH SHALL DE MODE FROM THEICH THE MASIN'S WORTH LEGISLATION IS CHEMINED BY MEASURING THE COSTANCE DETWENT THE PRESE THE MEST AND THE OUTLET). THE OUTPIN OF THE BASISH MUST NOT DELCESS THAN THREE TIEST HOW GREATER THAN FIRE OUTLET). THE OUTPIN OF THE BASISH MUST NOT DELCESS THAN THREE TIEST HOW GREATER THAN FIRE OF THE OUTLET). THE OUTPIN OF THE BASISH MUST NOT DELCESS THAN THREE TIEST HOW GREATER THAN FIRE OF THE OUTLET). THE OUTPIN OF THE BASISH MUST NOT DELCESS THAN THREE TIEST HOW GREATER THAN FIRE OF THE OUTLET). THE OUTPIN OF THE BASISH MUST NOT DELCESS THAN THREE TIEST HOW GREATER THAN FIRE OF THE OUTLET). THE OUTPIN OF THE BASISH MUST NOT DELCESS THAN THREE TIEST HOW GREATER THAN FIRE OF THE OUTLET). THE OUTPIN OF THE BASISH MUST NOT DELCESS THAN THE OUTLET THE OUTLET THE OUTPIN OUT THE OUTLET THE OUTLET THE OUTLET THE OUTLET.

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2. CALTINAS "ENTITUDE STORM METER COALT PRACTICE CARGINES AND LOSS.

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CRITICAL AREA PLANTING CONSTRUCTION SPECIFICATIONS (JANUARY 2006)

A. SCOPE
ESTABLISHED VECETATION ON SEVERLY ERODING AREAS OR AREAS WITH AM EROSIGN POTENTIAL. ITS
PROPOSE IS TO STABLIZE THE SIZE, MAMBIZE OR PREVIENT DAMAGE FROM SIZEMENT AND RUMOFF TO
DOWNSTREAM AREAS, PROTECT WILDLIFE HABITAT, AND MARITAIN ACSTRE TIC QUALITIES.

B. AREAS TO BE SEIDED, THINNO OF SEIDING COMPLETE REVIGITATION ON STABILIZATION OF ALL DISTURBED SOLS, BOTH WITHIN AND QUITISCE COUNTY RECHT-OF-MAY, MILE OF ACCOUNTINGTON WITH SPECIAL ANOUNTS AND THRES OF MICE TATIVE SPECIES, MULCH, AND TERRUZIZE MATERIAL. SEE MAJOR LAND RESOURCE AREA EXHIBITS MURA 18 OR 12.

SEED SHALL BE OF A QUALITY WHICH HAS A MINIMAM PARE LIVE SEED CONTEXT OF BOX (X PURITY X X GERMANTON) AND WELD SEED SHALL HOT EXCEED DAYS OF HE ADDRESSATE OF FURE LIVE SEED AND THE HAS A SHALL BE ADDRESSATED SEED OF SEED AND A SHALL BE LOVED LATE TO MAKE THE PROBLEMS OF SEED AND A SHALL BE LAREIGED TO SHOW ROSHIT OF SEED AND THE CONTAINED SEED SHALL BE LAREIGED TO SHOW ROSHIT OF SEED, THE OWN OF WEIGHT AND SOURCE OF SHOULDH'M ANTERNAL.

FERTILIZER — A COMMERCIAL FERTILIZER SHALL BE AMMONIUM PHOSPHATE AND CONTAIN A MINIMAM OF 18% INTROCEN, 20% PHOSPHORUS, AND 0% POTASH, UNIFORM IN COMPOSITION, DRY AND FREE PLOWING PELLETED OR GRANDLAR.

ALL FERTILIZER SHALL BE DELIVERED IN UMBROKEN OR UNDOPONED CONTAINERS. LABELED IN ACCORDANCE WITH APPRICABLE STATE REGULATIONS AND BEARING THE WARRANTY OF THE PRODUCCE FOR THE GRACE

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

4. SIEAW — STRAF SHALL BE NEW STRAF DENVED FROM FOC, WHEAT, DATS, OR BARLEY, AND BE FREE OF MICH. DATA DATA SHALL BE NEW SHALL BE FUNDSHED BY AND DRY PAULS ENVIOLED. SHALL BE FUNDSHED THAT CLURANCE HAS BEEN GETAMED FROM THE COUNTY ADDICATION. COMMISSIONER, AS REQUIRED BY LAW, BEFOR STRAF DETAMED FROM DUTSIDE THE COLLYTY IN WHICH IT STO BE USED DE DUMINED TO THE STEE OF THE WORK.

S. MODO DIBER MELTER — PROF THER HUNCH IS A PROF CILLULOSE FREE. THAT CONTINUE NO ORIGINAL NORM CORDIN PRINTING PACTORS, IT IS COLORION WITH A MAY-TORS, WATER SOLIESE, CREEN DIE TO PROVIDE A PROPER CALOIF FOR RECEMBLO OVER CORUMO SURFACES, IT HAS THE PROPERTY TO SE EVERAL DISPERSION AND SUSPENDED WHICH ADDITED IN MATURE.

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

2. SECOND PREPARATION: — THE DYIPST AREA TO BE SECOND SHALL BE REASONABLY SMOOTH AND CONFIDENT OF THE USE AND SHAPE BY COSE ACTIVE. SECOND FROM THE USE ACTIVE AND CONFIDENCE OF THE USE ACTIVE ACTIVE

3. <u>FERTILIZING</u> — FERTILIZER SHALL BE DISTRIBUTED UNFORMLY OVER THE SEEDBED AT THE RATE OF SOOP POWNES FOR ACRE, AND SHALL BE IN SUCH PHYSICAL CONDITION TO MISHER UNFIDON APPLICATION OVER THE AREA TO BE FOREIUZED. FORTILIZER MAY BE APPLIED IN ANY MAY THAT WILL RESALT IN UNFORM DISTRIBUTION. THE FERTILIZER SHALL BE WICEPPGRAILD INTO THE SOL.

4. <u>SETURNA</u> — SEED SHALL BE BROADCAST BY HAMD, MECHANICAL HAND SEEDER, POWER OPERATED SEEDER, HYDROSSEEDER OR OTHER APPROVED COMPIENT. SEED SHALL HANG A SOLL COVER OF NOT MO THAN DIRE-HALF BICH, SEEDEN WILL BE CARRED OUT USING EITHER OF THE FOLLOWING METHODS:

METHOD 1 THE SITD MAY BE DRILLED, NOT TO EXCEED ONE—HALF (1/2) INCH DEEP AND CULTRACKED OR ROLLED ONCE ONCE OWER WITH A CORRIGATED ROLLER ON ALL AREAS WHERE EQUIPMENT CAN BE OPERATED SAFLY. SEED OPERATIONS MULE ACADOSS THE SLOPE.

METHOD. 2 THE SEED MAY BE APPLIED IN A SURRY MAX OF MODO CELLULOSE PROFE OSTRIBUTED UNFORMEY AT THE PRESCREED RATE. THE APPLICATION UNIT URED FOR "HYDRO MULCH" SHALL BE EQUIPPED WITH AN ADIATOR TO MAINTAIN THE SEED AND MULCH BY SUSPENSION WITHIN THE UNIT'S TANK PRICE TO AND DURING APPLICATION.

METHOD 3 WHERE EMERGENCY THE ATMENT OF TEXPOSED SOLS EXTENDS BEYOND OCTOBER 15. EMERGENCY

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 Aspestos Hazard Dust Mitigation Notes

THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 10, "DUST CONTROL" OF THE STAMOAID SPECIFICATIONS, COUNTY OF EL DORADO ARE POLLUTION CONTROL DISTINCT (APCD) RILL 223, AND COUNTY OF EL DORADO CORRIANCES 4886. COSMES OF ARCO TRACE 223. AND ORDINANCE ASSAULT OF COUNTY OF EL DORADO CORRIANCES 4886. COSMES OF ARCO TRACE 223. AND ORDINANCE ASSAULT OF CONTROL TROL THE CONTROLE, CO ASSAULT OF ENHANCEMENT OF ENHANCEMENT AL MANAGEMENT, 3850 FAREACT COUNTY, PLACEMENT, C. 64540.

MLRA 22						
FOR SEEDING PERFORMED BETWEEN SEPTEMB KIND OF SEED AND AMOUNT (HYDROSEEDE						
TOMAC ORCHARD GRASS	24 LBS/ACRE	0.55 LBS/1000 SqFt				
NA PUBESCENT WHEAT GRASS	36 LBS/ACRE	0.80 LBS/1000 SqFt				
PAR PUBESCENT WHEAT GRASS	36 LBS/ACRE	0.80 LBS/1000 SqFt				
MMERA '82' RYE GRASS	6 LBS/ACRE	.15 LBS/1000 SqFt				

FOLLOW INMEDIATELY AFTER SEEDING UNLESS OTHERWISE DIRECTED. STRAW WILL BE REQUIRED FOR MULCH HATERIAL F PROJECT IS BROADCAST SEEDED, DRILL SEEDED, OR HYDROSEEDED, STRAW MIJLCH WILL STILL

FOR SEEDING NOT PERFORMED BETWEEN HYDROSEEDED OR E		OBER 15
OTOMAC ORCHARD GRASS	48 LBS/ACRE	1.10 LBS/1000 SqFt
UNA PUBESCENT WHEAT CRASS	72 LBS/ACRE	1.60 LBS/1000 SqFt
DPAR PUBESCENT WHEAT GRASS	72 LBS/ACRE	1.60 LBS/1000 SqFt
MANERA '87' RYE GRASS	12 LBS/ACRE	.3 LBS/1000 SqFt

A STRAM MIACH COVERNO SHALL BY APPLED OVER THE SUBTACE OF THE SECTION AREA MIADHAG SHALL FOLLOW INMEDIATELY WITER SECTION UNLESS OTHERWISE DIRECTION, STRAM WILL BY BECOMED FOR MIACH ARTERAL. IF PROJECT IS BROADCAST SELECT, ON LICENCE, ON HYDROSELECT, STRAM MIACH WILL STILL BY REQUIRED.

Notes-SITE CONSULTING, INC

THE CONTRACTOR SHALL PROCURE AT HIS OWN EXPENSE ALL PERMITS, LICENSES, INSURANCE POLICES, 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 MORK.

2. EXSTITUTE UNITES ARE REPORTED ON THE PLANS WHOSE SOUL UTILIES ARE KNOWN IT SHALL BE THE CONTRACTIONS RESPONSIBILITY TO LOCATE, PROTECT AND MAINTAIN ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THE PLANS. THE CONTRACTION SHALL CONTRACT UNITES ALL CONTRACT UNITES ALL CONTRACT UNITED ALL CONTRACT UNITED

3. PERIODIC INSPECTION AND REPARE WILL BE REQUIRED BY THE OWNER TO KEEP DRAHAGE IMPROVEMENTS OPERABLE. REMOVAL OF SEDIMENT OEPOSITS AND VECETATIVE MATERIAS, IN PERS, INLET STUDENTERS AND UNANAGE INVERTS SAALL BE PRINCIPADED AT A REQUILAR WANTENANCE INTERVAL TO PREVENT ACCUMULATION AND OBSTRUCTION OF DRAHAGE IMPROVEMENT OPERATION.

4. THE CONTRACTOR SHALL HOTIFY THE SOILS ENGINEER, OWNER AND THE COUNTY OF EL DORADO AT LEAST 24 HOURS PROR TO ANY DRADING.

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 RESPONDIBLE FOR IMPLEMENTING ALL TEMPORARY EROSION CONTROL MEASURES SHOWN ON THE EROSION CONTROL PLANE. ALL SIZE MEASURES SHIZE, COMPONE TO THE EROSION CONTROL PLANE ALL SIZE MEASURES SHIZE, CONTROL OF CONTROL OR SHOULD REPORT OF THE CONTROL OF THE PROSED CANNOT BE A CONTRACTOR SHIZE BE RESPONDED FOR THE PROSED CHARTER PLANE AND PERFORMANCE OF THE TRAPPORT PROSED CHARTER MEASURES TO THE CONTROL CHARTER AND PROSED CHARTER AND PROSED CHARTER CHARTER AND PROSED CHARTER CHARTER AND PROSED CHARTER CHARTER AND PROSED CONTROL CHARTER CHARTER AND PROSED CONTROL CHARTER CHARTER AND PROSED CONTROL CHARTER CHARTER

7. EARTHMORK ESTMATES ARE TO BE USED FOR ESTMATING PURPOSES ORLY AND NO GUARANTE IS MADE AS TO THE ACCURACY OF THIS INFORMACION. THE CONTRACTION ACCOUNTED THE STATE OF THE STATE OF A TO THE STATE OF THE STATE OF

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8. IT IS THE APPLICANT AND CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL THE STATE AND FEDERAL LAWS AND REQULATIONS REQUIRED THE TEDERAL AND STATE. COUNTY GRADING TENHIT DOES NOT AUTHORIZE THE CONTRACTOR TO CONDUCT ACTIVITIES NOT PERMITTED BY APPLICABLE STATE AND FEDERAL AGENCIES IN AREAS SUBJECT TO STATE AND FEDERAL AMBIOCHEM.

9. THE AREA OF DISTURBANCE IS APPROXIMATELY 0.4 ACRES.

Standard General Notes Grading and Drainage Notes

MATERIAS, CONSTRUCTION GUALITY, AND METHODS FOR THE PROJECT ARE SIGNED TO THE COUNTY OF EL DORACO CLOSEA AND INFORMENT STRAIGHE PLANS, AND THE STATE OF CLARIFORM, DEPREMENTATION TO THANKED PLANS AND STANCE OF THE STATE OF CLARIFORM, DEPREMENTATION TO THE COUNTY OF EL DORACO, AND THE STATE OF CLARIFORM THE ACCOUNTY OF EL DORACO, AND THE COUNTY OF EL DORACO, AND THE COUNTY OF EL DORACO OF ANTIMOTIZED ALL RECYPTION TO THE STRAIGH OF SECRECATIONS STATE MADE THE COUNTY OF EL DORACO OF ANTIMOTIZED ALL RECYPTIONS DAVID, MAD SECRECATIONS DAVID, MAD THE CONTROLLED SHALL HAVE AND SECRECATIONS DAVID AND SHALL HAVE THE STATE OF CALIFORNIA DEPARTMENT OF THANKED SHALL HAVE THE SHALL HAVE THE SHALL HAVE AND SHALL HAVE THE SHALL HAV

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THE CONTRACTION STORECTED TO SECTION 7, "LEGAL RELATIONS AND RESPONSIBILITY OF THE STANDARD PERDICATIONS.

RIGHTS TO DETRIE AND CONSTRUCT SHALL BE GRITANED PRIOR TO CONSTRUCTING ANY OFF-STT MORE SHOWN IN THESE PLANS. COPIES OF SUCH DOCUMENTS SHALL BE KEPT ON-STEET ALL INES DURING THE PERSONAMENCE OF "F-STE" WAY.

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20. ASPHALT COMPRETE SHALL COMPORE TO THE PROMISIONS OF SECTION 39, "ASPHALT COMPRETE" OF the STRANDARD SPECIFICATIONS FOR THY 8 ASPHALT COMPRETE ASPHALT COMPRETE ASPHALT COMPRETE ASPHALT COMPRETE ASPHALT SHOULD SHALL COMPORE TO THE PROMISIONS OF SECTION 39-6, SECTION

NOT BE PLACED UNITS. THE PRIOR ENABLES FLAME THAS BETS APPROVED BY CITY, AND ALL UTLIES WHEN THE PRACE AND AREA AND EXDEP PLACED. THE TRANSPORCE.

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