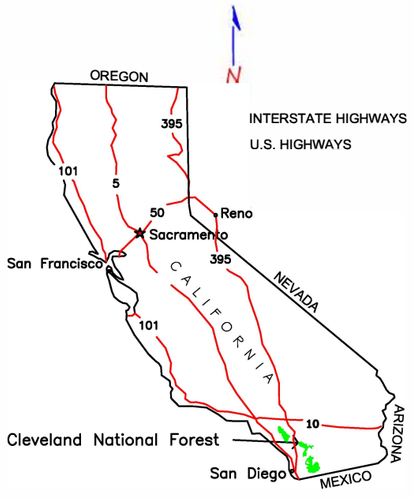
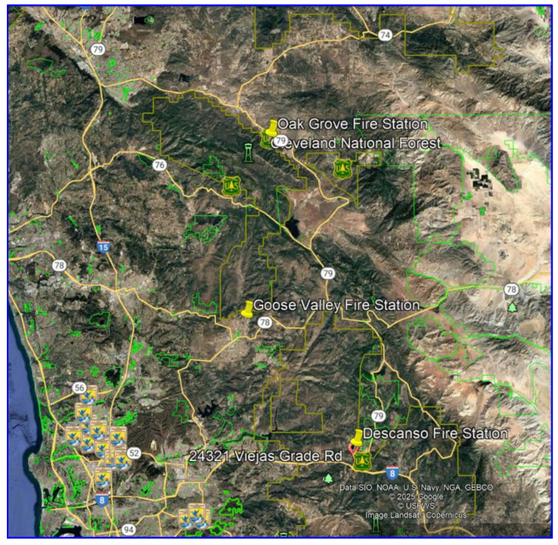
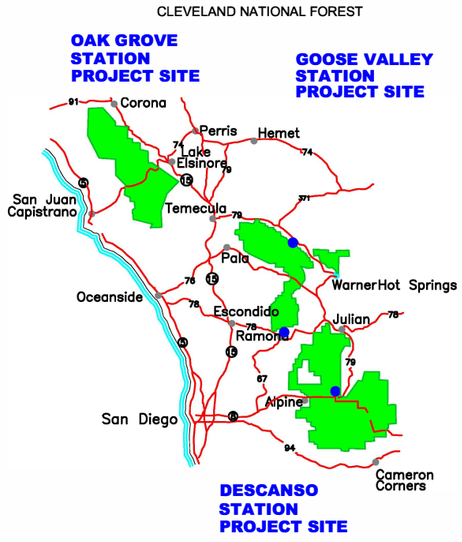
United States Department of Agriculture
Forest Service

# R05 PACIFIC SOUTHWEST REGION
# CLEVELAND NATIONAL FOREST
# SAN DIEGO COUNTY
# CALIFORNIA

# GAOA HOUSING




## PROJECT LOCATION

**DRIVING DIRECTIONS**:
DESCANSO FIRE STATION: FROM SAN DIEGO TRAVEL EAST ON INTERSTATE 8 TO JAPATUL VALLEY ROAD EXIT. TURN LEFT AND TRAVEL NORTH ~1 MILE TO RIVERSIDE DRIVE. TURN LEFT AND GO ~1 MILE. TURN LEFT ON VIEJAS GRADE ROAD AND TRAVEL ~0.5 MILES TO THE DESCANSO FIRE STATION, 24321 VIEJAS GRADE ROAD, DESCANSO, CA 91901, SAN DIEGO COUNTY.

GOOSE VALLEY FIRE STATION: FROM SAN DIEGO TRAVEL INTERSTATE 8 EAST TO STATE HIGHWAY 67. THEN TRAVEL NORTH (STATE HIGHWAY 67 BECOMES STATE HIGHWAY 78) FOR ~42 MILES TO MAGNOLIA AVENUE. TURN LEFT ON MAGNOLIA (WHICH TURNS INTO BLACK CANYON ROAD) AND TRAVEL ~2 MILES TO THE GOOSE VALLEY FIRE STATION, 1634 BLACK CANYON ROAD, RAMONA, CA 92065, SAN DIEGO COUNTY.

OAK GROVE FIRE STATION: FROM SAN DIEGO TRAVEL NORTH ON INTERSTATE 15 ~50 MILES TO TEMECULA PARKWAY (HIGHWAY 79 SOUTH). TURN RIGHT AND TRAVEL EAST ~20 MILES TO THE OAK GROVE FIRE STATION, 37560 HIGHWAY 79 SOUTH, WARNER SPRINGS, CA 92086, SAN DIEGO COUNTY.

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**PREPARED BY:**

CIVIL ENGINEER DATE

**RECOMMENDED BY:**

FOREST ENGINEER DATE

**APPROVED:**

DISTRICT RANGER DATE

**APPROVED:**

DISTRICT RANGER DATE

NOTES:

1. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER AND WITH INFORMATION FURNISHED BY THE U.S. FOREST SERVICE AND SHALL AT ONCE REPORT TO THE CONTRACTING OFFICER ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED. IF THE CONTRACTOR PERFORMS ANY CONSTRUCTION ACTIVITY KNOWING IT INVOLVED A RECOGNIZED ERROR, WITHOUT SUCH NOTICE TO THE CONTRACTING OFFICER, THE CONTRACTOR SHALL ASSUME APPROPRIATE RESPONSIBILITY FOR SUCH PERFORMANCE AND SHALL BEAR AN APPROPRIATE AMOUNT OF THE ATTRIBUTABLE COSTS FOR CORRECTION.

2. ALL SECTIONS MENTIONED BELOW REFER TO THE CSI SPECIFICATIONS. THE SCHEDULE OF ITEMS IS BASED UPON ENGLISH UNITS, ENGLISH QUANTITIES, AND ENGLISH UNIT PRICES. THE CONTRACT DRAWINGS USE ENGLISH MEASUREMENTS.

3. IT IS HIGHLY RECOMMENDED THAT CONTRACTOR VISIT THIS SITE TO CLARIFY SITE ACCESS FOR ALL EQUIPMENT AND MATERIAL DELIVERIES.

4. DURING CONSTRUCTION FIRE EQUIPMENT AND PERSONNEL WILL BE ACTIVE AT THIS SITE. BETWEEN 9:30AM AND 6PM FIRE ENGINES AND OTHER EQUIPMENT WILL BE LOCATED IN THE VICINITY OF THE WORK AREA. IN ADDITION, 24 HOUR FIRE ENTRANCE AND EXIT ACCESS TO AND FROM THE SITE MUST BE MAINTAINED AT ALL TIMES FOR THE FIRE ENGINES AND EQUIPMENT.

5. CONTRACTOR SHALL CONTACT TRENCHING USA UNDERGROUND SERVICE ALERT AT (800) 227–2600 FOR UTILITIES TO BE LOCATED AND MARKED WITHIN PROJECT AREA LIMITS AT LEAST 48 HOURS IN ADVANCE OF ANY EXCAVATION, CLEARING OR GRUBBING.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ONLY CONSTRUCTION TRAFFIC AND EMERGENCY TRAFFIC SHALL HAVE ACCESS TO THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL RELATING TO THIS PROJECT AND ALL TRAFFIC CONTROL AND TRAFFIC CONTROL DEVICES SHALL BE IN CONFORMANCE WITH MUTCD REQUIREMENTS. CONTRACTOR SHALL NOT DISTURB THE AREA BEYOND PROJECT AREA LIMITS.

7. CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR ALL FEES REQUIRED FOR PERMITS.

8. ALL EXISTING SITE FEATURES ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING SITE FEATURES AND ALL UTILITIES FROM DAMAGE. CONTRACTOR SHALL REPAIR AT NO COST TO THE GOVERNMENT, ALL DAMAGES TO ANY UTILITIES CAUSED BY THE CONTRACTOR'S ACTIONS. THE UTILITIES AT EACH SITE MUST BE MAINTAINED AT ALL TIMES. ANY DAMAGES TO ANY UTILITY BY THE CONTRACTOR MUST BE REPAIRED AND COMPLETED BY THE CONTRACTOR WITHIN EIGHT HOURS OF THE DAMAGE. ANY DAMAGE TO A WATER UTILITY MUST BE IMMEDIATELY REPORTED TO THE CONTRACTING OFFICER SO THE GOVERNMENTS WATER SYSTEM OPERATOR CAN BE CONSULTED AS TO THE CORRECT REPAIR PROCEDURE. AFTER ANY WATER DAMAGE, DISINFECTION AND BACTERIOLOGICAL TEST MUST BE PERFORMED BY A STATE OF CALIFORNIA CERTIFIED DISTRIBUTION OPERATOR WITH A MINIMUM D–1 CERTIFICATION WITHIN 24 HOURS OF THE COMPLETION OF REPAIRS.

9. CONTRACTOR SHALL SUBMIT A SCHEDULE OF WORK FOR ACCEPTANCE AT THE PROJECT PREWORK CONFERENCE.

10. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH CALTRANS STORM WATER POLLUTION CONTROL BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL SUBMIT A WRITTEN STORM WATER MANAGEMENT PLAN, FOR ACCEPTANCE, AT LEAST FIVE BUSINESS DAYS PRIOR TO BEGINNING WORK. IN THE EVENT OF INCLEMENT WEATHER, THIS PLAN SHALL INCLUDE ACTIONS TO PROVIDE PROTECTIVE COVERING FOR EXCAVATED AREAS, MATERIAL STOCKPILE AREAS, AND ALL WORK IN PROGRESS.

11. CALTRANS CONSTRUCTION SITE BEST MANAGEMENT PRACTICES REFERENCE MANUAL, STORMWATER POLLUTION PREVENTION PLAN (SWPP) AND WATER POLLUTION CONTROL PROGRAM (WPCP) PREPARATION MANUAL CAN BE OBTAINED FROM THE CALIFORNIA DEPARTMENT OF TRANSPORTATION WEBSITE. CALTRANS BEST MANAGEMENT PRACTICES, WM–8 WASTE MANAGEMENT, PROCEDURES SHALL BE FOLLOWED FOR ALL CONSTRUCTION ACTIVITIES WHERE SLURRIES CONTAINING ASPHALT CONCRETE OR PORTLAND CEMENT CONCRETE ARE GENERATED, SUCH AS FROM SAW CUTTING, GRINDING, AND GROOVING, AND WHERE CONCRETE TRUCKS AND OTHER CONCRETE COATED EQUIPMENT ARE WASHED ON SITE.

12. SOIL EROSION AND STORM WATER POLLUTION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH SECTION 31 20 00 EARTH MOVING AND CALTRANS BEST MANAGEMENT PRACTICES (BMPS) SC–5 FIBER ROLL. ONLY TEMPORARY FIBER ROLL MATERIALS AS LISTED IN CALTRANS BMP SC–5 ARE APPROVED FOR USE ON THIS PROJECT, AND AS A MINIMUM, SHALL BE UTILIZED WHERE REQUIRED BY CALTRANS BMP'S. ALL FIBER ROLLS USED SHALL BE CERTIFIED IN WRITING BY MANUFACTURER TO BE WEED FREE AND SEED FREE.

13. CONTRACTOR SHALL NOT DRIVE OR PARK ANY VEHICLES OR STORE ANY MATERIALS IN THE NO PARKING AREA DESIGNATED. THE CONTRACTING OFFICERS REPRESENTATIVE WILL COORDINATE A SPECIFIC LOCATION FOR CONTRACTOR TO PARK AND STORE MATERIALS. CONTRACTOR SHALL NOT DRIVE, PARK OR STORE MATERIAL IN LEACH FIELD AREAS.

14. CONTRACTOR SHALL NOT DISTURB THE RESIDENTS OR EMPLOYEES.

15. CONCRETE WASHOUT LOCATION SHALL BE LINED WITH 12 MIL POLYETHYLENE AND BERMED IN ACCORDANCE WITH CALTRANS BEST MANAGEMENT PRACTICES. CONCRETE WASHOUT LOCATION SHALL BE DESIGNATED BY THE CONTRACTING OFFICER.

16. TRACKING PLATES SHALL BE USED IN THE DRIVEWAY AREAS AS NEEDED DURING INCLEMENT WEATHER. USE OF TRACKING PLATES THROUGHOUT THE DURATION OF THE CONTRACT SHALL BE DETERMINED BY THE CONTRACTING OFFICER.

17. THE FOREST SERVICE SHALL MAKE AVAILABLE TO THE CONTRACTOR AT NO EXPENSE, LIMITED USE OF THE EXISTING WATER AT THE FIRE STATIONS. THE GOVERNMENT DOES NOT ENSURE ADEQUACY OF THESE UTILITIES. ANY DELAY IN THE CONTRACTORS OPERATION RESULTING FROM INTERRUPTION OF THESE UTILITIES, FOR ANY REASON, SHALL NOT RESULT IN AN EXPENSE TO THE GOVERNMENT. THE CONTRACTOR IS RESPONSIBLE FOR INVESTIGATING SITE UTILITIES, IF AVAILABLE, FOR USE COMPATIBILITY. CONTRACTOR SHALL PROVIDE FOR ADEQUATE BACK FLOW PREVENTION (DOUBLE CHECK VALVE) AT THE TEMPORARY CONNECTION OF THE STAND PIPE. WATER SERVICE AT THE SITES SHALL NOT BE INTERRUPTED UNDER ANY CIRCUMSTANCES AND WILL BE SUBJECT TO INTERMITTENT FOREST SERVICE DEMANDS IN ORDER TO FILL FOREST SERVICE FIRE TRUCKS. ALL WATER IS CONSIDERED INCIDENTAL TO INDIVIDUAL WORK ITEMS. CONTRACTOR MAY SECURE THEIR OWN WATER SOURCE FOR USE ON THIS PROJECT. CONTRACTORS WATER SOURCE SHALL BE FREE OF ALL DELETERIOUS MATERIALS.

18. NO TELEPHONE OR SANITARY FACILITIES WILL BE AVAILABLE FOR CONTRACTOR USE.

19. CONTRACTOR SHALL TAKE ALL APPROPRIATE STEPS TO ENSURE THAT NO DISCHARGE OR OTHER SUCH POLLUTANTS INTO THE STREAM OR DRAINAGE AREAS SHALL TAKE PLACE AS A RESULT OF CONTRACTORS WORK ACTIVITIES. NO MECHANICAL OR MOTORIZED EQUIPMENT SHALL BE USED, OPERATED, PARKED OR STORED IN THE STREAMBED OR DRAINAGE AREAS AT ANY TIME. PRIOR TO CONSTRUCTION CONTRACTING OFFICER WILL DESIGNATE APPROPRIATE AREAS FOR PARKING, STORAGE AND MATERIAL STOCKPILE AREAS.

20. ALL CONSTRUCTION STAKING FOR ELEVATION CONTROL, SITE LAYOUT, BUILDINGS, AND UTILITIES SHALL BE THE RESPONSIBLITY OF THE CONTRACTOR. STAKING FOR GRADE CONTROL SHALL BE SUFFICIENT TO PROVIDE AND PRODUCE THE GRADES, SHAPES, AND CONTOURS AS REQUIRED FOR COMPLETE INSTALLATION. CONSTRUCTION STAKING IN THE FIELD REQUIRES ACCEPTANCE FROM THE CONTRACTING OFFICER PRIOR TO COMMENCEMENT OF WORK. ACCEPTANCE OF THE CONSTRUCTION STAKING WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR MAINTAINING THE SURVEY WORK AND FOR CORRECTING ERRORS, WHETHER THE ERRORS ARE DISCOVERED DURING THE ACTUAL SURVEY WORK OR IN SUBSEQUENT PHASES OF THE PROJECT. ALL WALKWAYS SHALL MEET AMERICANS WITH DISABILITIES ARCHITECTURAL BARRIERS ACT (ADAABA) GUIDELINES, WITH NO RAMPS ON ANY WALKWAY. AS A MINIMUM LANDINGS SHALL BE LESS THAN TWO PERCENT IN ALL DIRECTIONS; AND, WALKWAYS SHALL BE LESS THAN FIVE PERCENT IN THE RUNNING DIRECTION WITH LESS THAN TWO PERCENT CROSS SLOPE. BLEND ALL NEW CONTOURS TO EXISTING CONTOURS FOR FINISHED GRADE.

21. NOT ALL TREES ARE SHOWN ON PLANS. ALL EXISTING TREES TO REMAIN. TREES AND ROOTS WITHIN THE LEACH FIELD AREA SHALL BE REMOVED AFTER RECEIVING WRITTEN NOTIFICATION OF APPROVAL BY THE CONTRACTING OFFICER REPRESENTATIVE.

22. CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH SECTION 31 10 00 SITE CLEARING. ALL BRUSH AND STUMPS WITHIN PROJECT LIMITS THAT INTERFERE WITH CONSTRUCTION ACTIVITIES SHALL BE REMOVED AFTER RECEIVING PRIOR WRITTEN ACCEPTANCE BY CONTRACTING OFFICER. CONSTRUCTION SLASH SHALL BE REMOVED AND DISPOSED OF OFF NATIONAL FOREST LAND AT A SUITABLE DISPOSAL SITE. CONTRACTOR SHALL FURNISH A SIGNED COPY OF THE DISPOSAL AGREEMENT. CARE SHALL BE TAKEN TO AVOID DAMAGING ALL LIVE TREES.

23. ALL EXCAVATION SHALL BE IN ACCORDANCE WITH SECTION 31 20 00 EARTH MOVING. EXCESS EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED. ANY IMPORTED MATERIAL SHALL BE OBTAINED BY CONTRACTOR FROM A COMMERCIAL SOURCE AND CONTRACTOR SHALL FURNISH A MATERIAL CERTIFICATE OF COMPLIANCE THAT STATES THAT THE GRADATION MEETS THE CONTRACT REQUIREMENTS. IMPORTED MATERIAL SHALL BE SUBJECT TO ADVANCE APPROVAL BY CONTRACTING OFFICER.

24. ALL ASPHALT, CONCRETE AND DEMOLISHED MATERIALS SHALL BE DISPOSED OF OFF NATIONAL FOREST LAND AT A SUITABLE DISPOSAL SITE. CONTRACTOR SHALL FURNISH A SIGNED COPY OF THE SIGNED DISPOSAL AGREEMENT IN ACCORDANCE WITH SPECIFICATIONS.

25. NEW BUILDING LOCATION SHALL BE IN THE SAME FOOTPRINT AS EXISTING BUILDING AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.

26. ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING UTILITIES FOR CONNECTIONS/DISCONNECTIONS AND RECONNECTION/INSTALLATION ON PROJECT SITE. CONTRACTOR SHALL STAKE ALL PROPOSED NEW UTILITY LOCATIONS.

27. RELOCATE, REMOVE AND DISPOSE OF UTILITIES IN ACCORDANCE WITH SPECIFICATIONS. ANY UTILITY TO BE RECONNECTED SHALL BE PROPERLY DISCONNECTED TO ACCOMMODATE CONNECTIONS TO NEW BUILDING. FURNISH AND INSTALL NEW BUILDING, WATER, ELECTRICAL, PROPANE, SEPTIC AND LEACH SYSTEMS.

28. FOR NEW BUILDINGS NEW HOSE BIBBS SHALL BE LOCATED IN SIMILAR PROXIMITY TO NEW BUILDING AS EXISTING HOSE BIBBS. EXISTING HOSE BIBBS SHALL BE DISCONNECTED AND CAPPED, REMOVED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.

29. ANY DAMAGE TO THE EXISTING ASPHALT OR OTHER SITE FEATURES (RETAINING WALLS, CONCRETE, MOAT, LAWN AREAS, UTILITIES, ETC.) CAUSED BY CONTRACTORS ACTIONS SHALL BE REPAIRED IN ACCORDANCE WITH FOREST SERVICE REQUIREMENTS AT NO COST TO THE GOVERNMENT.

30. ALL PORTLAND CONCRETE CEMENT FOR SITE CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 03 30 00 CAST–IN–PLACE CONCRETE. COURSE AGGREGATE FOR CONCRETE SHALL CONFORM TO AASHTO M43, SIZE NUMBER 467. PORTLAND CEMENT CONCRETE SHALL HAVE 1.5 LBS FIBERMIX PER CUBIC YARD. CONTROL JOINTS (TROWELED 3/4" MAXIMUM DEPTH AND 1/8"–1/4" GROOVES WITH 1/4" RADIUS EDGES) SHALL BE LOCATED APPROXIMATELY EVERY FIVE (5) FEET AND/OR AT THE END OF EACH RADIUS AND SHALL BE PERPENDICULAR TO THE RUNNING SLOPE. ALL OUTSIDE EDGES AND ALL JOINTS SHALL BE EDGED WITH A 1/4" RADIUS EDGING TOOL. 4" (FOUR INCH) THICK PORTLAND CEMENT CONCRETE WALKWAYS SHALL BE IN ACCORDANCE WITH SECTION 03 30 00 CAST–IN–PLACE CONCRETE, WITH A HEAVY BRUSHED FINISH. ALL CONCRETE WALKWAYS SHALL BE BACKFILLED TO WITHIN 1/2 INCH BELOW TOP OF CONCRETE. WALKWAY ELEVATION AT ENTRANCE TO ALL BUILDINGS SHALL BE NO GREATER THAN 1/4 INCH BELOW BUILDING FINISHED FLOOR ELEVATION WHERE FLOOR TIES INTO WALKWAY. EXPANSION JOINTS SHALL BE IN ACCORDANCE WITH SECTION 03 30 00 CAST–IN–PLACE CONCRETE.

31. ANY OPTION ITEMS SHOWN IN THE SCHEDULE OF ITEMS MAY BE AWARDED AT ANY TIME THROUGHOUT THE CONTRACT.

## LEGEND

| | |
|---|---|
| ——— | PROPERTY LINE |
| ——S—— | EXISTING SEWERLINE |
| ——W—— | EXISTING WATERLINE |
| ——OE—— | OVERHEAD ELECTRIC |
| ——UE—— | UNDERGROUND ELECTRIC |

USDA FOREST SERVICE

PACIFIC SOUTHWEST REGION R5

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FOREST: CLEVELAND NATIONAL FOREST

PROJECT NAME: GAOA HOUSING

DRAWING NAME: LEGEND AND NOTES

A/E

PROJECT NUMBER

DESIGNED BY TM

DRAWN BY TM

CHECKED BY

CHECKED BY

DATE 02FEB2026

SCALE NO SCALE

DRAWING

SHEET 2 OF 9

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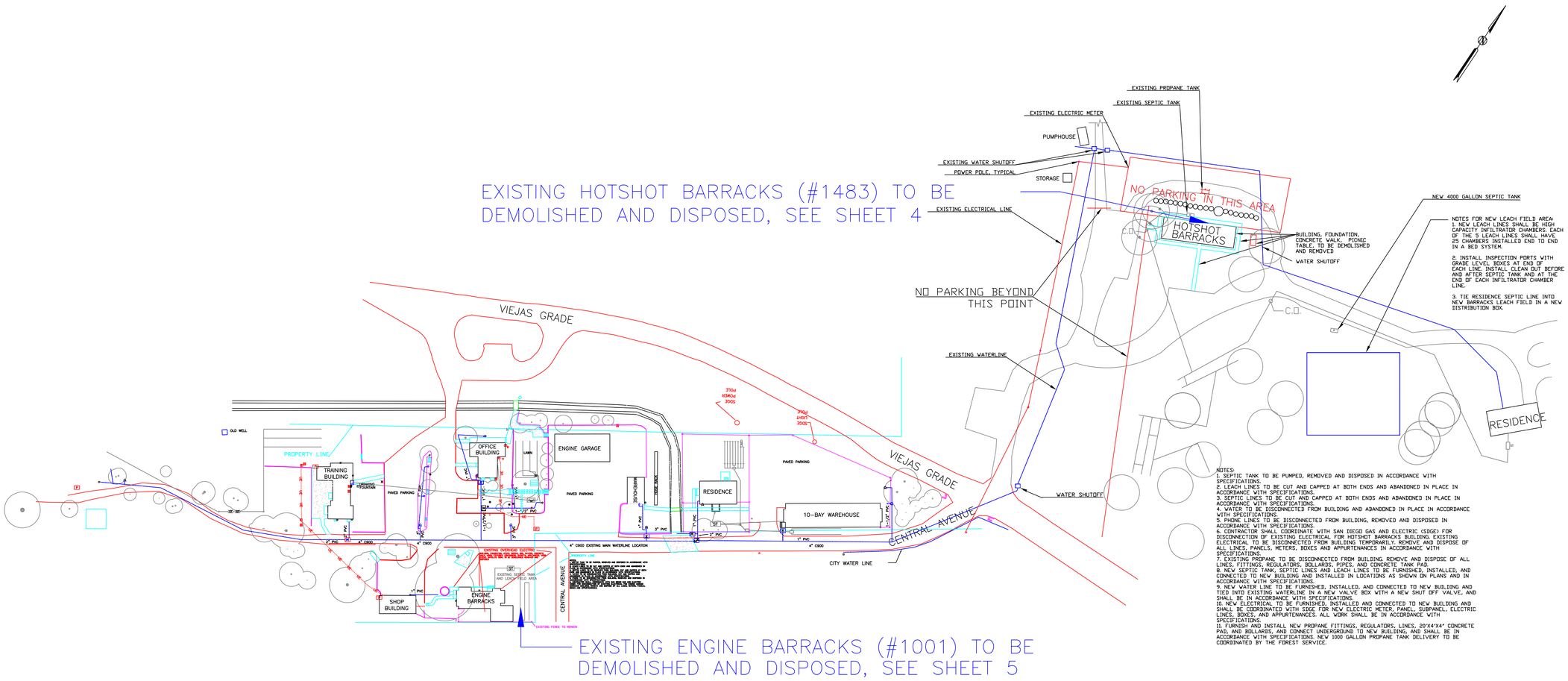


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FOREST: CLEVELAND NATIONAL FOREST

PROJECT NAME: GAOA HOUSING

DRAWING NAME: DESCANSO FIRE STATION SITE PLAN

A/E

PROJECT NUMBER

DESIGNED BY: TM

DRAWN BY: TM

CHECKED BY

CHECKED BY

DATE: 02FEB2026

SCALE: 1" = 60'

DRAWING

SHEET 3 OF 9

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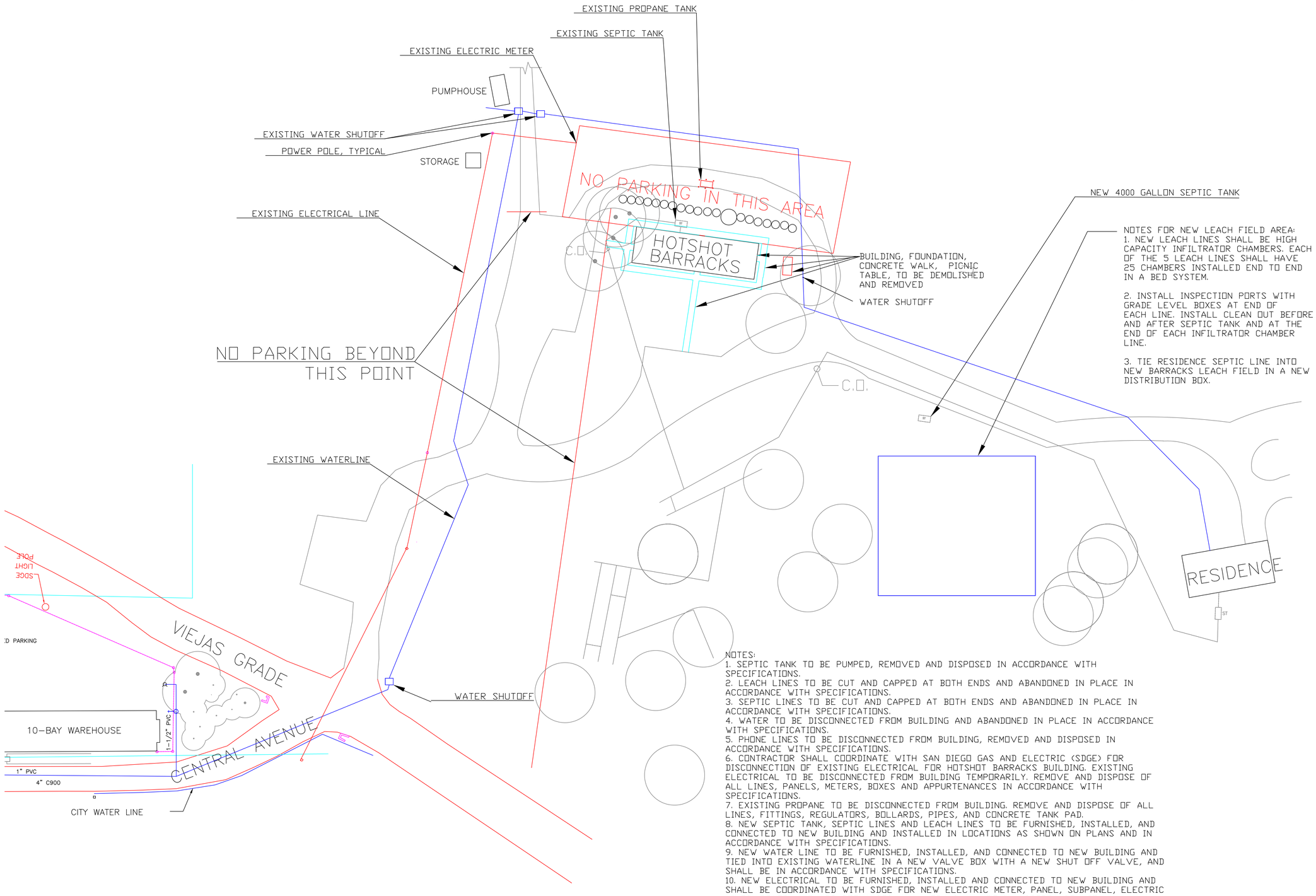


NOTES FOR NEW LEACH FIELD AREA:
1. NEW LEACH LINES SHALL BE HIGH CAPACITY INFILTRATOR CHAMBERS. EACH OF THE 5 LEACH LINES SHALL HAVE 25 CHAMBERS INSTALLED END TO END IN A BED SYSTEM.

2. INSTALL INSPECTION PORTS WITH GRADE LEVEL BOXES AT END OF EACH LINE. INSTALL CLEAN OUT BEFORE AND AFTER SEPTIC TANK AND AT THE END OF EACH INFILTRATOR CHAMBER LINE.

3. TIE RESIDENCE SEPTIC LINE INTO NEW BARRACKS LEACH FIELD IN A NEW DISTRIBUTION BOX.

NOTES:
1. SEPTIC TANK TO BE PUMPED, REMOVED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.
2. LEACH LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
3. SEPTIC LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
4. WATER TO BE DISCONNECTED FROM BUILDING AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
5. PHONE LINES TO BE DISCONNECTED FROM BUILDING, REMOVED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.
6. CONTRACTOR SHALL COORDINATE WITH SAN DIEGO GAS AND ELECTRIC (SDGE) FOR DISCONNECTION OF EXISTING ELECTRICAL FOR HOTSHOT BARRACKS BUILDING. EXISTING ELECTRICAL TO BE DISCONNECTED FROM BUILDING TEMPORARILY. REMOVE AND DISPOSE OF ALL LINES, PANELS, METERS, BOXES AND APPURTENANCES IN ACCORDANCE WITH SPECIFICATIONS.
7. EXISTING PROPANE TO BE DISCONNECTED FROM BUILDING. REMOVE AND DISPOSE OF ALL LINES, FITTINGS, REGULATORS, BOLLARDS, PIPES, AND CONCRETE TANK PAD.
8. NEW SEPTIC TANK, SEPTIC LINES AND LEACH LINES TO BE FURNISHED, INSTALLED, AND CONNECTED TO NEW BUILDING AND INSTALLED IN LOCATIONS AS SHOWN ON PLANS AND IN ACCORDANCE WITH SPECIFICATIONS.
9. NEW WATER LINE TO BE FURNISHED, INSTALLED, AND CONNECTED TO NEW BUILDING AND TIED INTO EXISTING WATERLINE IN A NEW VALVE BOX WITH A NEW SHUT OFF VALVE, AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
10. NEW ELECTRICAL TO BE FURNISHED, INSTALLED AND CONNECTED TO NEW BUILDING AND SHALL BE COORDINATED WITH SDGE FOR NEW ELECTRIC METER, PANEL, SUBPANEL, ELECTRIC LINES, BOXES, AND APPURTENANCES. ALL WORK SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
11. FURNISH AND INSTALL NEW PROPANE FITTINGS, REGULATORS, LINES, 20'X4'X4" CONCRETE PAD, AND BOLLARDS, AND CONNECT UNDERGROUND TO NEW BUILDING, AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS. NEW 1000 GALLON PROPANE TANK DELIVERY TO BE COORDINATED BY THE FOREST SERVICE.

USDA FOREST SERVICE
PACIFIC SOUTHWEST REGION
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FOREST: CLEVELAND NATIONAL FOREST
PROJECT NAME: GAOA HOUSING
DRAWING NAME: DESCANSO HOTSHOT BARRACKS SITE PLAN

A/E

PROJECT NUMBER

DESIGNED BY: TM

DRAWN BY: TM

CHECKED BY

CHECKED BY

DATE: 02FEB2026

SCALE: 1" = 30'

DRAWING

SHEET 4 OF 9

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OFFICE BUILDING

LAWN

ENGINE GARAGE

PAVED PARKING

PAVED PARKING

WAREHOUSE

HOSE RACK

1" PVC

1" PVC

1" PVC

1" PVC

1" PVC

1-1/2" PVC

1-1/2"PVC

3" PVC

3" PVC

3"

UE

UE

UE

UE

ST

ST

P

P

4" C900

4" C900 EXISTING MAIN WATERLINE LOCATION

EXISTING OVERHEAD ELECTRIC

BUILDING, FOUNDATION, STEPS, BRICKS, BBQ, PAVERS, CONCRETE WALK, WOOD, FIXTURES, CONTAINERS, BUCKETS, APPLIANCES, WOOD STOVE, SATELITE DISH, TO BE DEMOLISHED, REMOVED AND DISPOSED

ST

EXISTING SEPTIC TANK AND LEACH FIELD AREA

1" PVC

SHOP BUILDING

ENGINE BARRACKS

CENTRAL AVENUE

PROPERTY LINE

EXISTING FENCE TO REMAIN

NOTES:
1. SEPTIC TANK TO BE PUMPED, REMOVED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.
2. LEACH LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
3. SEPTIC LINES TO BE REMOVED FROM BUILDING, CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
4. WATER TO BE DISCONNECTED FROM BUILDING, CUT AND CAPPED AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
5. PHONE TO BE DISCONNECTED FROM BUILDING, REMOVED AND DISPOSED IN ACCCORDANCE WITH SPECIFICATIONS.
6. CONTRACTOR SHALL COORDINATE WITH SAN DIEGO GAS AND ELECTRIC (SDGE) FOR DISCONNECTION OF EXISTING ELECTRICAL FOR ENGINE GARAGE BARRACKS BUILDING. REMOVE AND DISPOSE OF ALL LINES, METERS, PANELS, BOXES AND APPURTENANCES.

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USDA FOREST SERVICE

PACIFIC SOUTHWEST REGION R5

| NO. | DATE | REVISIONS |
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FOREST: CLEVELAND NATIONAL FOREST

PROJECT NAME: GAOA HOUSING

DRAWING NAME: DESCANSO ENGINE BARRACKS SITE PLAN

A/E

PROJECT NUMBER

DESIGNED BY TM

DRAWN BY TM

CHECKED BY

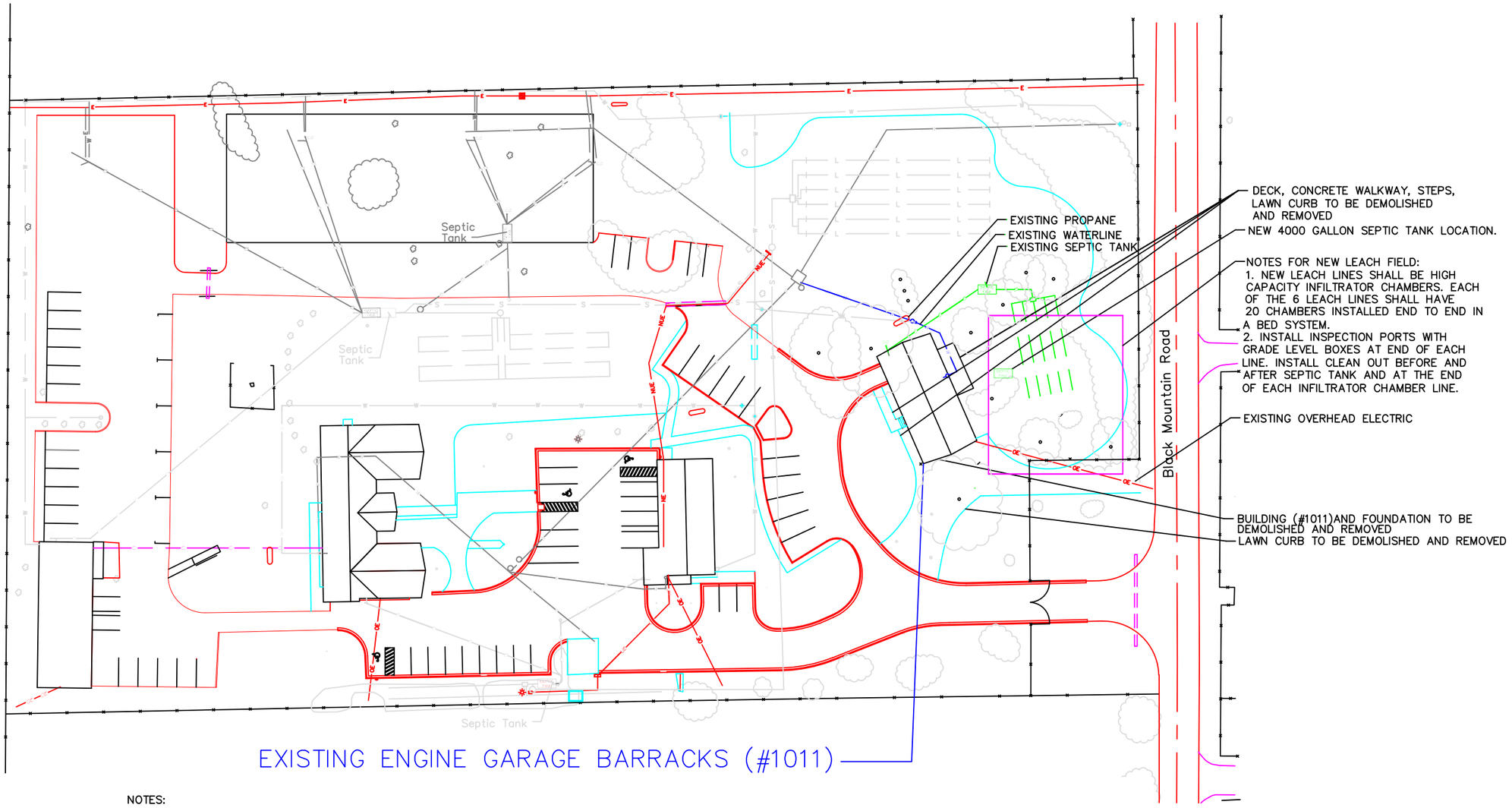
CHECKED BY

DATE 02FEB2026

SCALE 1" = 10'

DRAWING

SHEET 5 OF 9




NOTES:
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2. LEACH LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
3. SEPTIC LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
4. WATER LINE TO BE DISCONNECTED FROM BUILDING, CUT AND CAPPED, AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
5. PHONE LINES TO BE DISCONNECTED FROM BUILDING TEMPORARILY, AND RECONNECTED TO NEW BUILDING IN ACCORDANCE WITH SPECIFICATIONS.
6. CONTRACTOR SHALL COORDINATE WITH SAN DIEGO GAS AND ELECTRIC (SDGE) FOR DISCONNECTION OF EXISTING ELECTRICAL FOR ENGINE GARAGE BARRACKS BUILDING. ELECTRICAL TO BE DISCONNECTED TEMPORARILY. REMOVE AND DISPOSE OF ALL LINES, METERS, BOXES, AND APPURTENANCES.
7. PROPANE TANK PAD, REGULATOR, FITTINGS, AND LINE TO BE DISCONNECTED FROM BUILDING AND DISPOSED.
8. NEW SEPTIC TANK, SEPTIC LINES AND LEACH FIELD TO BE FURNISHED, INSTALLED, AND CONNECTED TO NEW BUILDING AND INSTALLED IN LOCATIONS AS SHOWN ON PLANS AND IN ACCORDANCE WTIH SPECIFICATIONS.
9. NEW WATER LINE TO BE FURNISHED, INSTALLED AND CONNECTED TO NEW BUILDING AND TIED INTO EXISTING WATERLINE IN A NEW VAVLE BOX, WITH A NEW VALVE AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
10. NEW ELECTRICAL TO BE FURNISHED, INSTALLED AND CONNECTED TO NEW BUILDING AND SHALL BE COORDINATED WITH SDGE FOR NEW ELECTRIC METER, PANEL, SUBPANEL, ELECTRIC LINES AND APPURTENANCES. WORK SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
11. FURNISH AND INSTALL NEW 20'X4'X4" CONCRETE PROPANE TANK PAD, REGULATOR, FITTINGS AND LINES, AND CONNECT TO NEW BUILDING, AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS. DELIVERY OF NEW 1000 GALLON PROPANE TANK TO BE COORDINATED BY FOREST SERVICE.

USDA FOREST SERVICE

PACIFIC SOUTHWEST REGION R5

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FOREST: CLEVELAND NATIONAL FOREST
PROJECT NAME: GAOA HOUSING
DRAWING NAME: GOOSE VALLEY ENGINE BARRACKS SITE PLAN

A/E

PROJECT NUMBER

DESIGNED BY TM

DRAWN BY TM

CHECKED BY

CHECKED BY

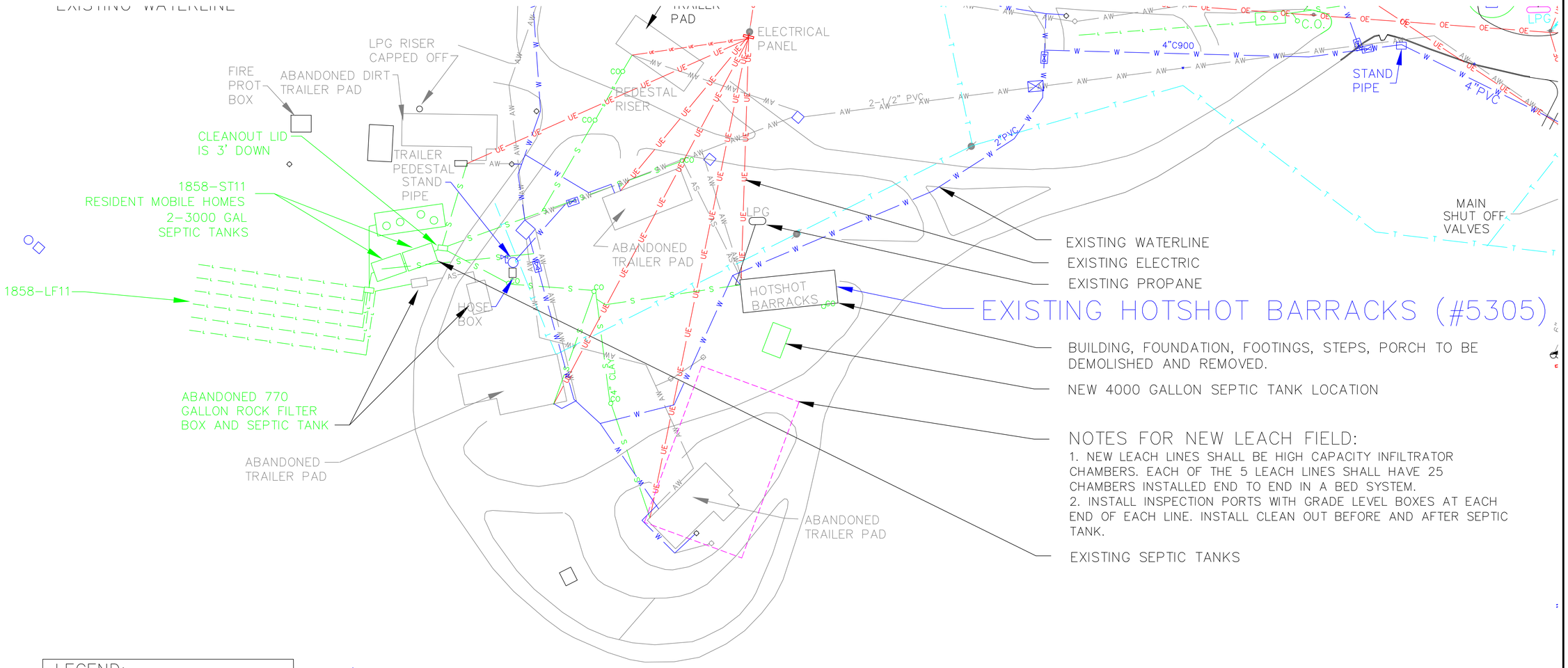
DATE 02FEB2026

SCALE NOT TO SCALE

DRAWING

SHEET 6 OF 9

Version 2.0 12/19/01 FILE: USFS-Daize(24x36).dwg




LEGEND:

- W — EXISTING WATER LINE
- S — SEWER LINE
- L — LEACH LINE
- UE — UNDERGROUND ELECTRIC
- OE — OVERHEAD ELECTRIC
- T — TELEPHONE LINE

NOTES:

1. SEPTIC TANK TO BE DEMOLISHED, REMOVED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.
2. LEACH LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
3. SEPTIC LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
4. WATERLINE TO BE DISCONNECTED FROM BUILDING, CUT AND CAPPED AT BOTH ENDS, AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
5. PHONE LINES TO BE DISCONNECTED FROM BUILDING, REMOVED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.
6. CONTRACTOR SHALL COORDINATE WITH SAN DIEGO GAS AND ELECTRIC (SDGE) FOR DISCONNECTION OF EXISTING ELECTRICAL FOR HOTSHOT BARRACKS BUILDING. ELECTRICAL TO BE DISCONNECTED FROM BUILDING TEMPORARILY. REMOVE AND DISPOSE OF ALL METERS, PANELS, LINES, BOXES, AND APPURTENANCES IN ACCORDANCE WITH SPECIFICATIONS..
7. PROPANE TO BE DISCONNECTED FROM BUILDING. REMOVE AND DISPOSE OF ALL LINES, FITTINGS, REGULATOR, BOLLARDS, AND CONCRETE PAD.
8. NEW SEPTIC TANK, SEPTIC LINES AND LEACH LINES TO BE FURNISHED, INSTALLED, AND CONNECTED TO NEW BUILDING AND INSTALLED IN LOCATIONS AS SHOWN ON PLANS AND IN ACCORDANCE WITH SPECIFICATIONS.
9. NEW WATERLINE TO BE FURNISHED, INSTALLED AND CONNECTED TO NEW BUILDING AND TIED INTO EXISTING WATERLINE IN A NEW VALVE BOX, WITH A NEW SHUT OFF VALVE, AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
10. NEW ELECTRICAL TO BE FURNISHED, INSTALLED, AND CONNECTED TO NEW BUILDING AND SHALL BE COORDINATED WITH SDGE FOR NEW ELECTRIC METER, PANEL, SUBPANEL, BOXES, ELECTRIC LINES AND APPURTENANCES. ALL WORK SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
11. FURNISH AND INSTALL NEW 20'X4'X4" PROPANE TANK PAD, REGULATOR, LINES, FITTINGS, AND BOLLARDS, AND CONNECT NEW LINE UNDERGROUND TO NEW BUILDING, AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS. NEW 1000 GALLON PROPANE TANK DELIVERY TO BE COORDINATD BY THE FOREST SERVICE.

USDA FOREST SERVICE

PACIFIC SOUTHWEST REGION R5

| NO. | DATE | REVISIONS |
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FOREST: CLEVELAND NATIONAL FOREST
PROJECT NAME: GAOA HOUSING
DRAWING NAME: OAK GROVE HOTSHOTS BARRACKS SITE PLAN

A/E

PROJECT NUMBER

DESIGNED BY: TM

DRAWN BY: TM

CHECKED BY

CHECKED BY

DATE: 02FEB2026

SCALE: 1"=30'

DRAWING

SHEET 7 OF 9

Version 2.0 12/19/01 FILE: USFS-Dsize(24x36).dwg

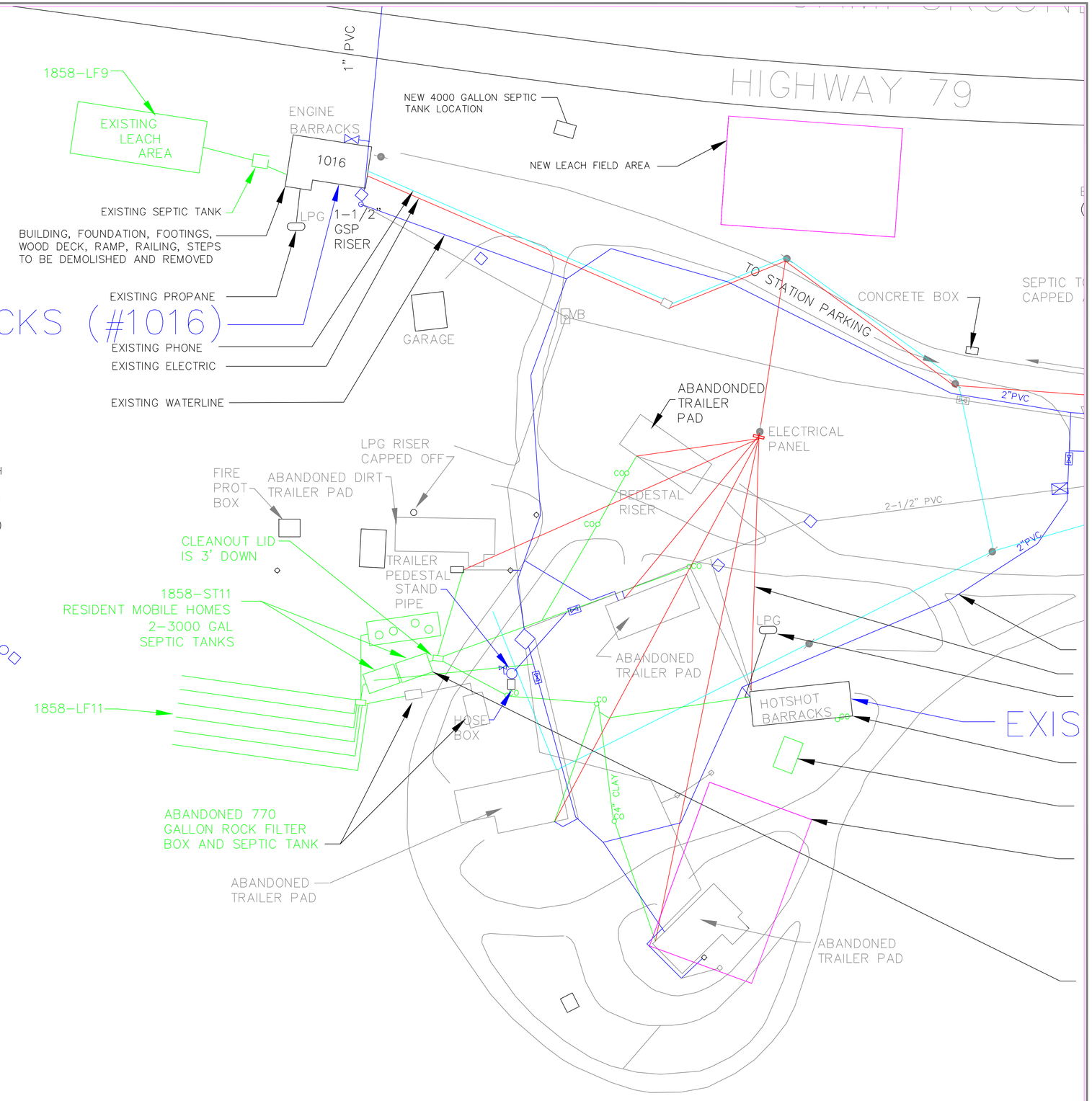
# EXISTING ENGINE BARRACKS (#1016)

## NOTES FOR NEW LEACH FIELD:

1. NEW LEACH LINES SHALL BE HIGH CAPACITY INFILTRATOR CHAMBERS. EACH OF THE 5 LEACH LINES SHALL HAVE 25 CHAMBERS INSTALLED END TO END IN A BED SYSTEM.
2. INSTALL INSPECTION PORTS WITH GRADE LEVEL BOXES AT EACH END OF EACH LINE. INSTALL CLEAN OUT BEFORE AND AFTER SEPTIC TANK.

## NOTES:

1. SEPTIC TANK TO BE DEMOLISHED, REMOVED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.
2. LEACH LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
3. SEPTIC LINES TO BE CUT AND CAPPED AT BOTH ENDS AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
4. WATERLINE TO BE DISCONNECTED FROM BUILDING, CUT AND CAPPED AT BOTH ENDS, AND ABANDONED IN PLACE IN ACCORDANCE WITH SPECIFICATIONS.
5. PHONE LINES TO BE DISCONNECTED FROM BUILDING, REMOVED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.
6. CONTRACTOR SHALL COORDINATE WITH SAN DIEGO GAS AND ELECTRIC (SDGE) FOR DISCONNECTION OF EXISTING ELECTRICAL FOR HOTSHOT BARRACKS BUILDING. ELECTRICAL TO BE DISCONNECTED FROM BUILDING TEMPORARILY. REMOVE AND DISPOSE OF ALL METERS, PANELS, LINES, BOXES, AND APPURTENANCES IN ACCORDANCE WITH SPECIFICATIONS..
7. PROPANE TO BE DISCONNECTED FROM BUILDING. REMOVE AND DISPOSE OF ALL LINES, FITTINGS, REGULATOR, BOLLARDS, AND CONCRETE PAD.
8. NEW SEPTIC TANK, SEPTIC LINES AND LEACH LINES TO BE FURNISHED, INSTALLED, AND CONNECTED TO NEW BUILDING AND INSTALLED IN LOCATIONS AS SHOWN ON PLANS AND IN ACCORDANCE WITH SPECIFICATIONS.
9. NEW WATERLINE TO BE FURNISHED, INSTALLED AND CONNECTED TO NEW BUILDING AND TIED INTO EXISTING WATERLINE IN A NEW VALVE BOX, WITH A NEW SHUT OFF VALVE, AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
10. NEW ELECTRICAL TO BE FURNISHED, INSTALLED, AND CONNECTED TO NEW BUILDING AND SHALL BE COORDINATED WITH SDGE FOR NEW ELECTRIC METER, PANEL, SUBPANEL, BOXES, ELECTRIC LINES AND APPURTENANCES. ALL WORK SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
11. FURNISH AND INSTALL NEW 20'X4'X4" PROPANE TANK PAD, REGULATOR, LINES, FITTINGS, AND BOLLARDS, AND CONNECT NEW LINE UNDERGROUND TO NEW BUILDING, AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS. NEW 1000 GALLON PROPANE TANK DELIVERY TO BE COORDINATD BY THE FOREST SERVICE.




## LEGEND:

- EXISTING WATER LINE
- SEWER LINE
- LEACH LINE
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- TELEPHONE LINE

USDA FOREST SERVICE
PACIFIC SOUTHWEST REGION R5

| NO. | DATE | REVISIONS |
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| | | |

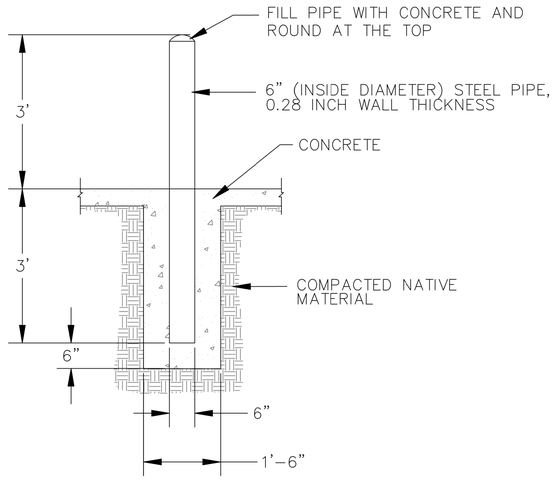
FOREST: CLEVELAND NATIONAL FOREST
PROJECT NAME: GAOA HOUSING
DRAWING NAME: OAK GROVE ENGINE BARRACKS SITE PLAN

A/E

PROJECT NUMBER
DESIGNED BY: TM
DRAWN BY: TM
CHECKED BY
CHECKED BY
DATE: 02FEB2026
SCALE: 1" = 30'
DRAWING

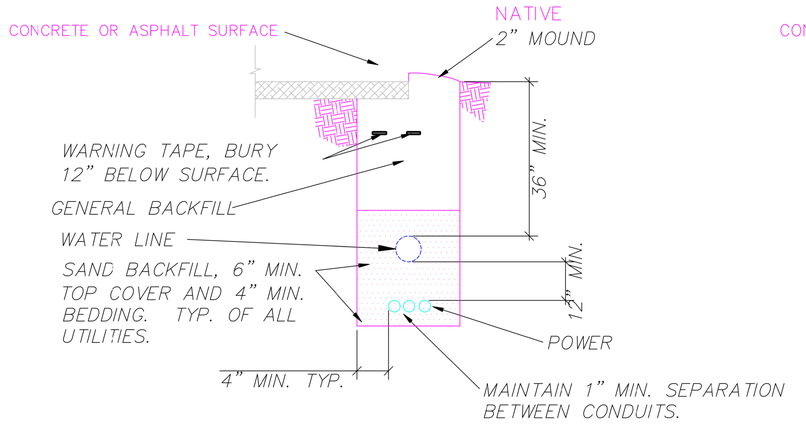
SHEET 8 OF 9

Version 2.0 12/19/01, FILE: USFS-Dsize(24x36).dwg

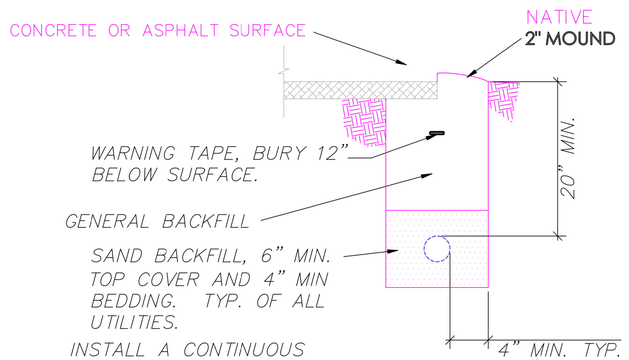



APPLY TWO COATS RUSTOLEUM INDUSTRIAL CHOICE 5200 SYSTEM DTM ACRYLIC OVER TWO COATS RUSTOLEUM INDUSTRIAL CHOICE 5200 SYSTEM DTM ACRYLIC PRIMER OVER PROPERLY PREPARED SURFACE. COLOR SHALL BE SAFETY YELLOW, GLOSS FINISH.

A METAL BOLLARD
NOT TO SCALE



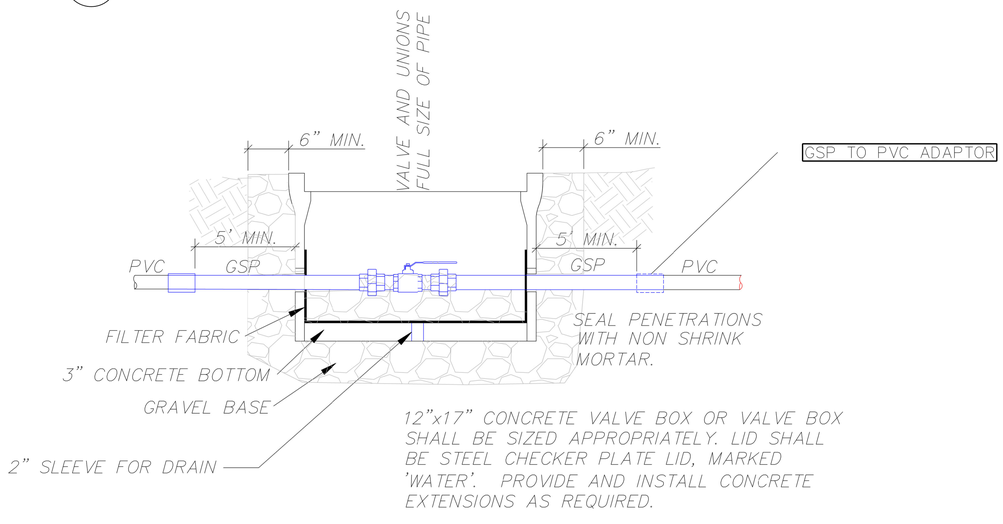

TYPE 1 TRENCH




TYPE 4 TRENCH

NOTE: THESE DETAILS ARE NOT TO BE USED FOR UTILITY COMPANY UTILITIES. CONSULT WITH LOCAL UTILITY COMPANIES FOR THIER TRENCHING REQUIRMENTS.

B TYPICAL TRENCH DETAIL
NOT TO SCALE




C TYPICAL SHUT OFF VALVE AND BOX DETAIL
NOT TO SCALE

USDA FOREST SERVICE
PACIFIC SOUTHWEST REGION
R5

| NO. | DATE | REVISIONS |
|---|---|---|
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FOREST: CLEVELAND NATIONAL FOREST
PROJECT NAME: GAOA HOUSING
DRAWING NAME: DETAILS A - C

A/E

PROJECT NUMBER

DESIGNED BY: TM
DRAWN BY: TM
CHECKED BY:
CHECKED BY:
DATE: 02FEB2026
SCALE: NOT TO SCALE
DRAWING

SHEET 9 OF 9

Version 2.0 12/19/01, FILE: USFS-Dsize(24x36).dwg