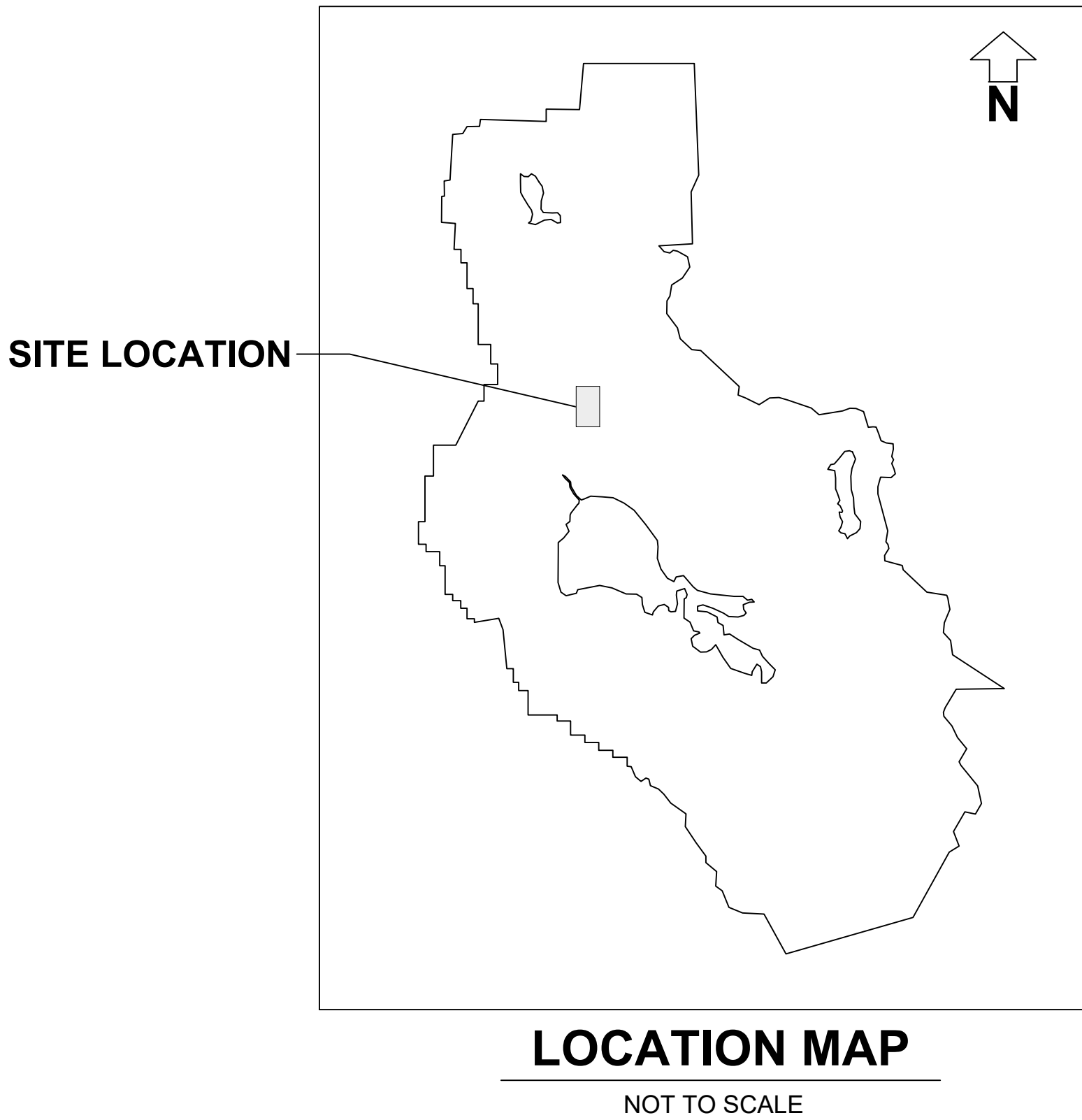


LANDS OF CHARLES COLLINS
MAJOR USE PERMIT
FOR
OUTDOOR CANNABIS CULTIVATION
12194 WHITE ROCK CANYON ROAD
UPPER LAKE, CA 95485



PROJECT INFORMATION

APN: 022-010-010
PROPERTY OWNER: CHARLES COLLINS
ADDRESS: 7360 WEST LAKE RD., LAKEPORT, CA95453
PHONE: PHONE:
EMAIL: EMAIL:

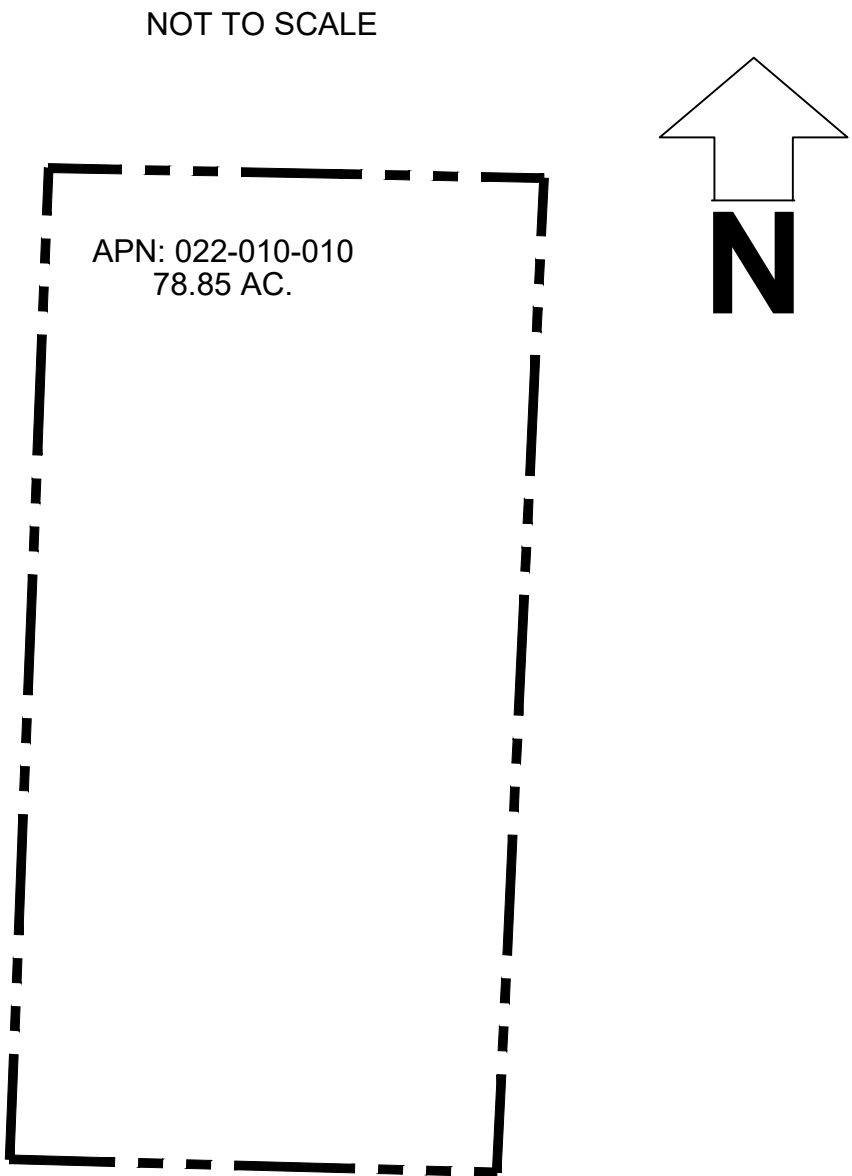
APPLICANT: CHARLES COLLINS
APPLICANT ADDRESS: 12194 WHITE ROCK CANYON ROAD, UPPER LAKE, CA 95485

AGENT: SEAN CONNELL
COMPANY: RHYZL
CONTACT: (P) 707-790-7112 | (EMAIL) SEAN@RHYZL.COM

SHEET INDEX

SHEET 1 COVER
SHEET 2 SURROUNDING AERIAL
SHEET 3 EXISTING SITE PLAN CONDITIONS
SHEET 4 PROPOSED SITE PLAN CONDITIONS
SHEET 5 CANNABIS CULTIVATION SITE
SHEET 6 CANNABIS RELATED BUILDINGS
SHEET 7 STORAGE BUILDING LAYOUT

PARCEL CONFIGURATION



REVISION	DESCRIPTION	BY	DATE

RHYZL

118 SOUTH
STATE STREET
UKIAH, CA 95482

RESEARCH·DESIGN · CONSTRUCT·COMPUTE

APN: 002-010-01

PROFESSIONAL ENGINEER
FLORIAN
EXP. 01/15/2020
CIVIL
STATE OF CALIFORNIA

PRELIMINARY

LAND OF CHARLES COLLINS
OUTDOOR CULTIVATION PLAN
12194 WHITE ROCK CANYON RD.
UPPER LAKE, CA

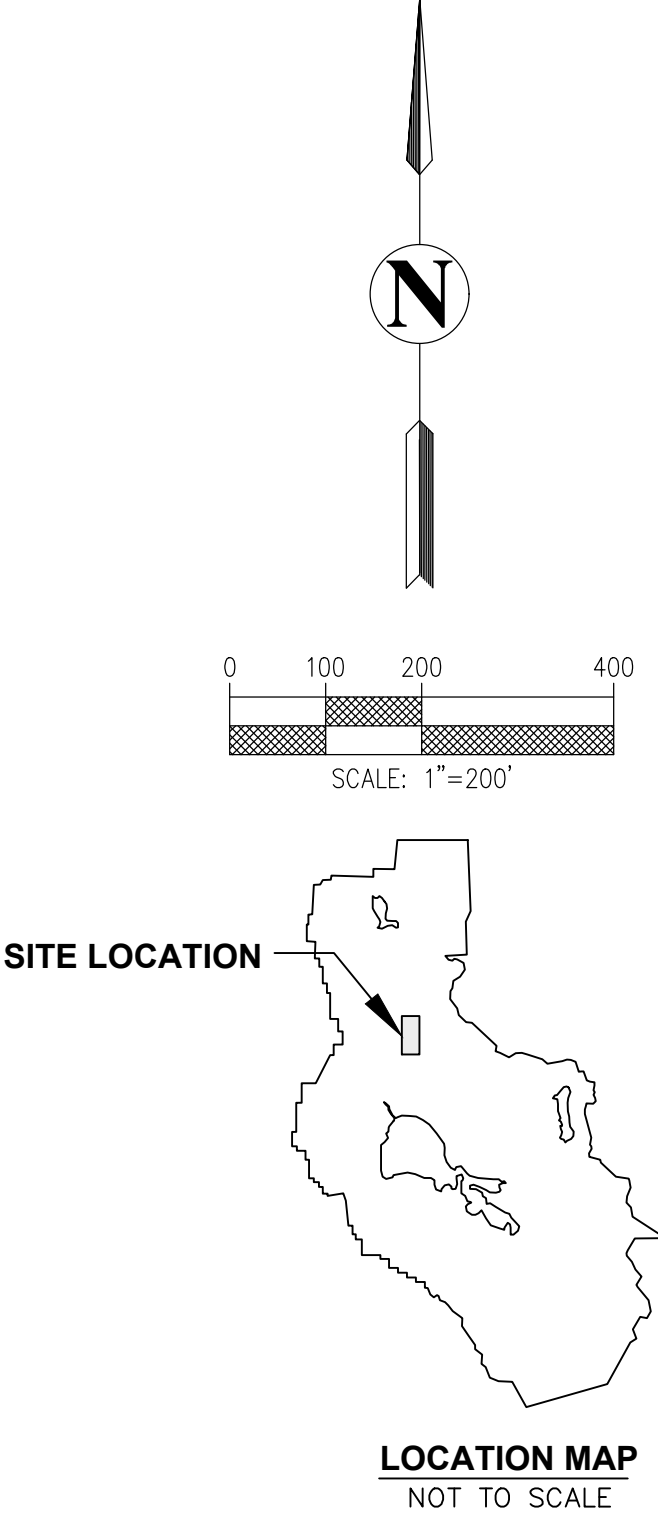
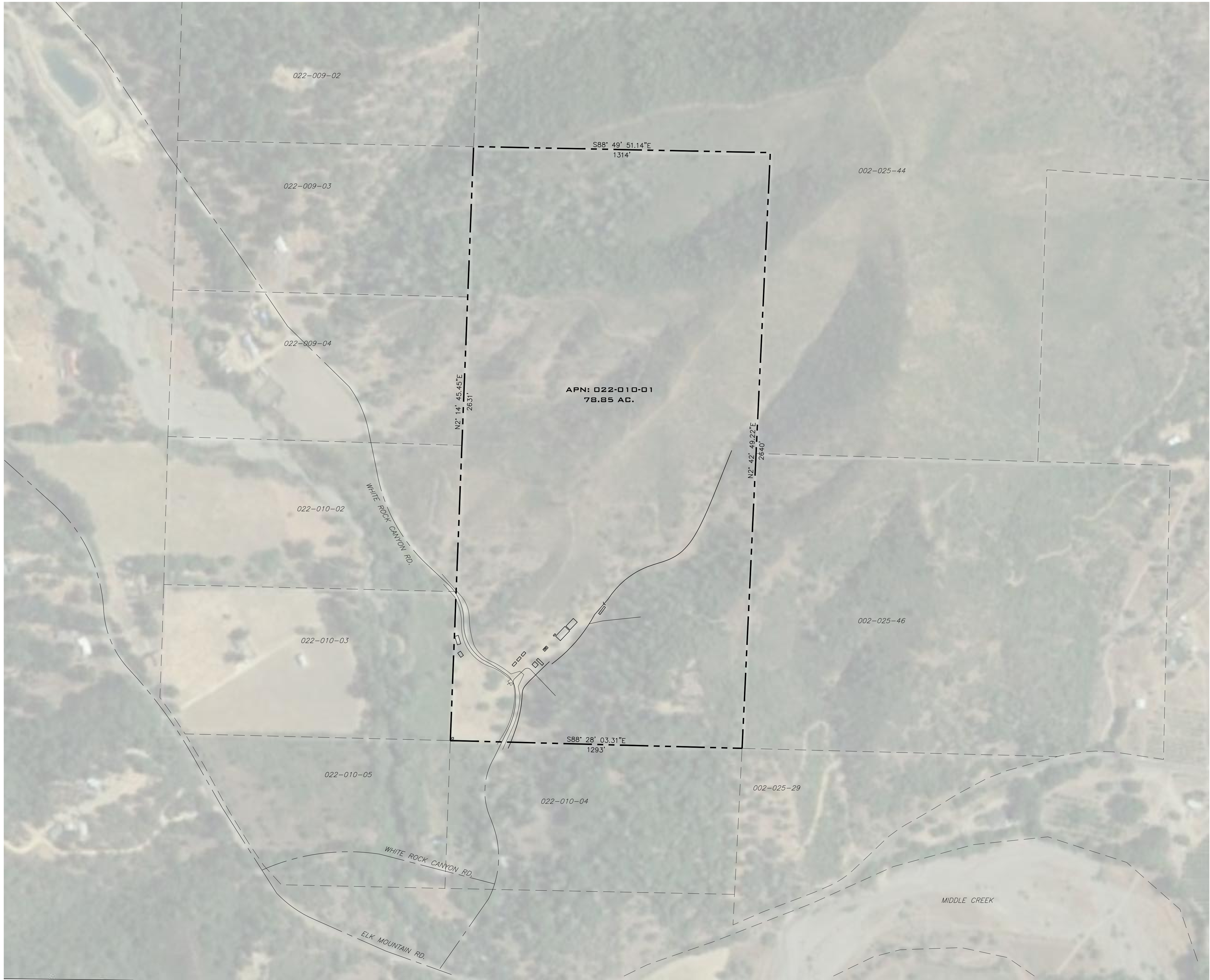
COVER

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Sheet: 1 of 8

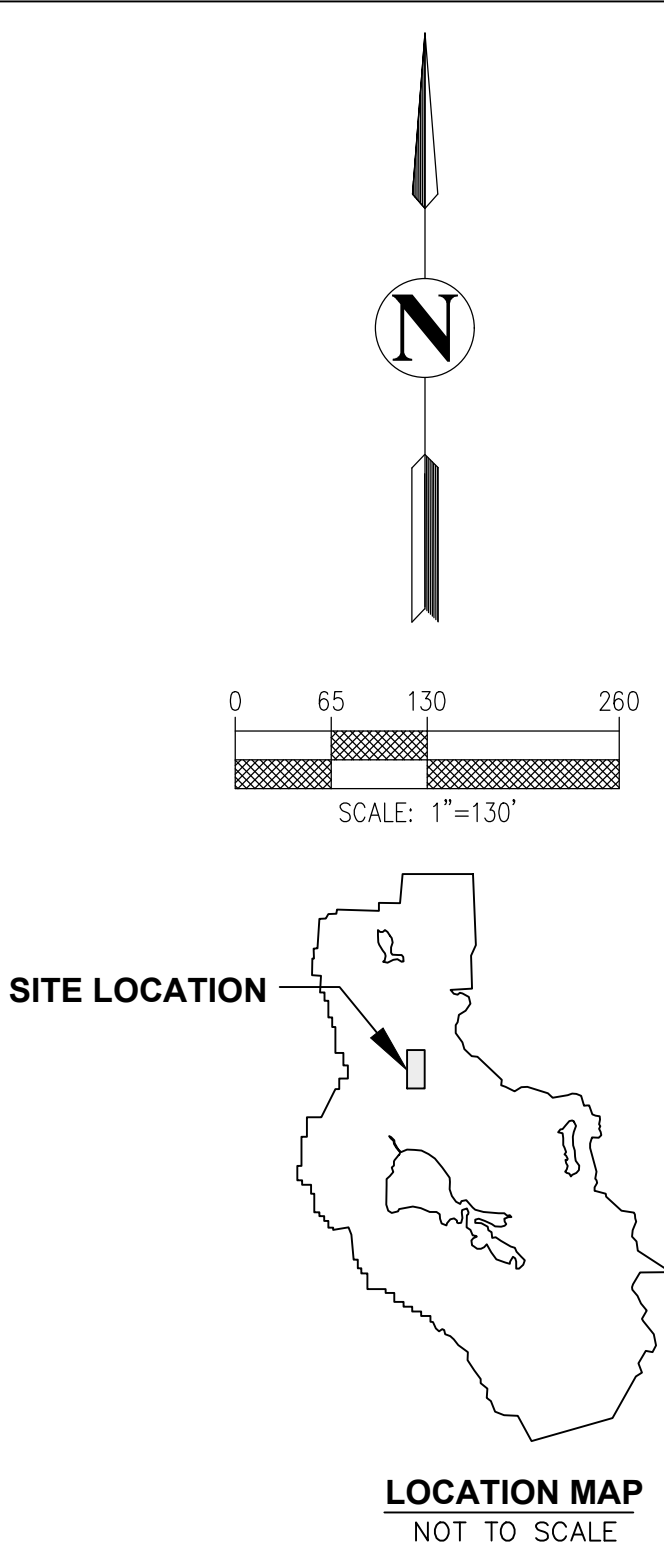
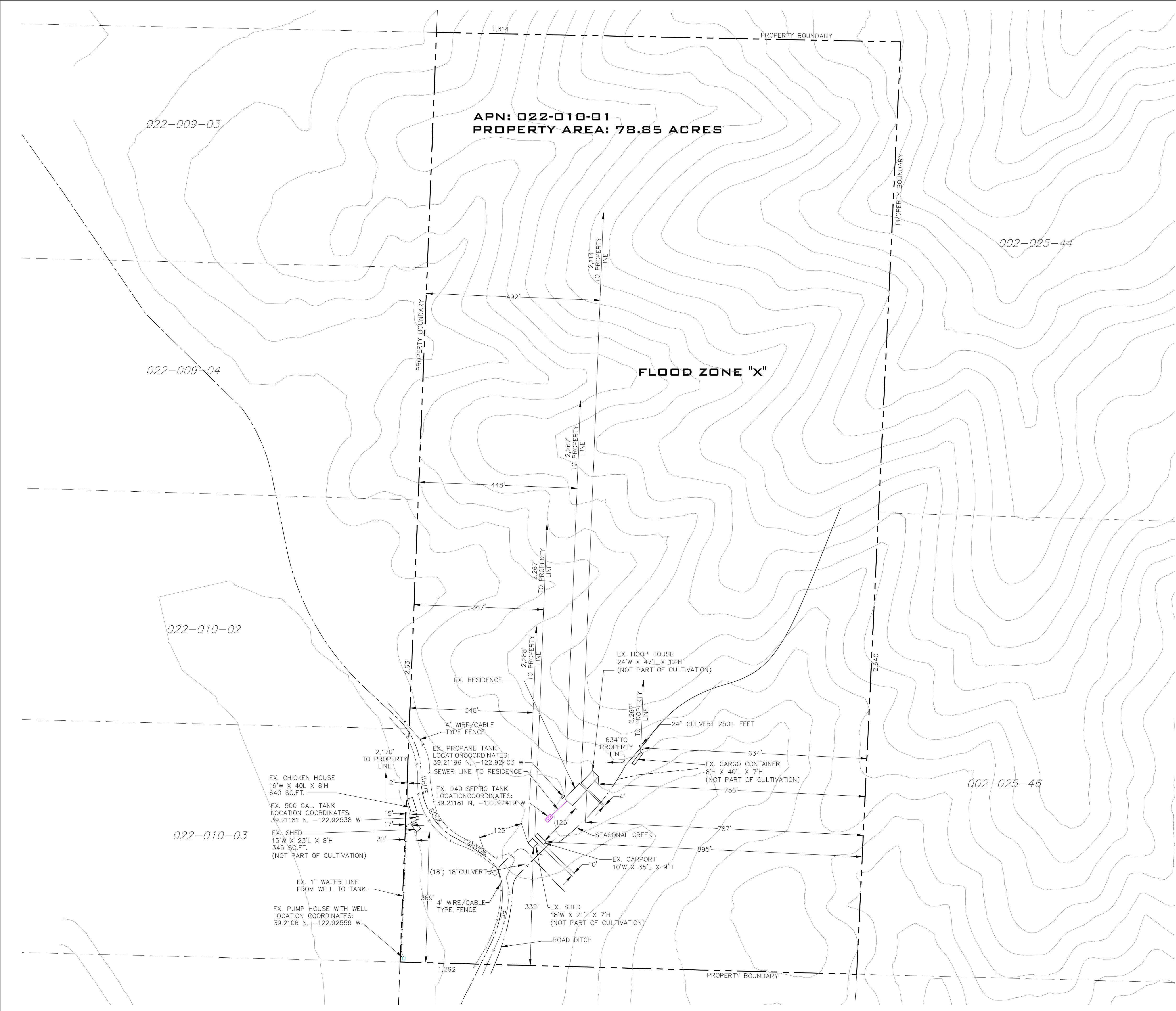


NOTE
1. NO PUBLIC OR PRIVATE SCHOOLS, DEVELOPED PARKS, DRUG OR ALCOHOL REHABILITATION FACILITIES, LICENSED CHILD CARE FACILITIES, NURSERY SCHOOLS, CHURCHES OR YOUTH ORIENTED FACILITIES ARE LOCATED WITHIN 1,250 FEET OF THE PROPERTY.
2. PROPERTY POWERED BY PERMITTED GENERATOR.

LEGEND
--- COUNTY BOUNDARY
--- PARCEL BOUNDARY
--- CREEK OR DRAINAGE

Date: 01/06/20	
Scale: 1"=130'	
Drawn: DCF	
Sheet: 2 of 8	

LAND OF CHARLES COLLINS OUTDOOR CULTIVATION PLAN 12194 WHITE ROCK CANYON RD. UPPER LAKE, CA				APN: 002-010-01				118 SOUTH STATE STREET UKIAH, CA 95482				RHYZL RESEARCH·DESIGN · CONSTRUCT·COMPUTE			
AERIAL PLAN															



NOTE
1. NO PUBLIC OR PRIVATE SCHOOLS, DEVELOPED PARKS, DRUG OR ALCOHOL REHABILITATION FACILITIES, LICENSED CHILD CARE FACILITIES, NURSERY SCHOOLS, CHURCHES OR YOUTH ORIENTED FACILITIES ARE LOCATED WITHIN 1,250 FEET OF THE PROPERTY.
2. PROPERTY IS POWERED BY PERMITTED GENERATOR
3. THERE ARE NO EARTHQUAKE FAULT LINES NEAR OR ON PROPERTY

LEGEND
--- COUNTY BOUNDARY
--- PARCEL BOUNDARY
--- CREEK OR DRAINAGE

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118 SOUTH STATE STREET
UKIAH, CA 95482

APN: 002-010-01

PROFESSIONAL ENGINEER
FLORIAN M. RHYZL
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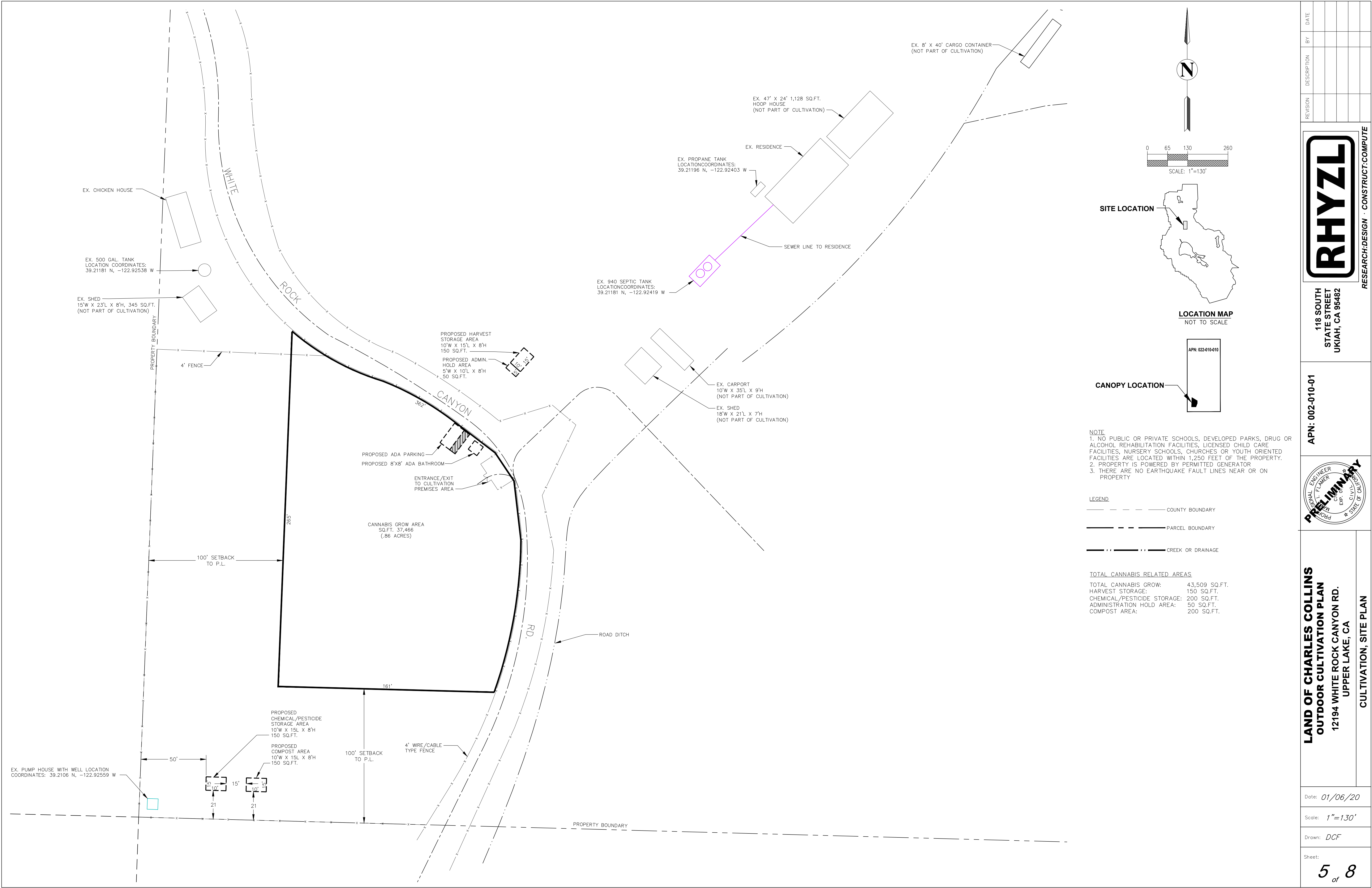
EXISTING CONDITIONS, SITE PLAN

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Sheet:
3 of 8



REVISION	DESCRIPTION	BY	DATE

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118 SOUTH STATE STREET
UKIAH, CA 95482

APN: 002-010-01

PROFESSIONAL ENGINEER
FLORIAN M. RHYZL
EXPIRATION DATE 01/01/2025
STATE OF CALIFORNIA

PRELIMINARY

**LAND OF CHARLES COLLINS
OUTDOOR CULTIVATION PLAN
12194 WHITE ROCK CANYON RD.
UPPER LAKE, CA**

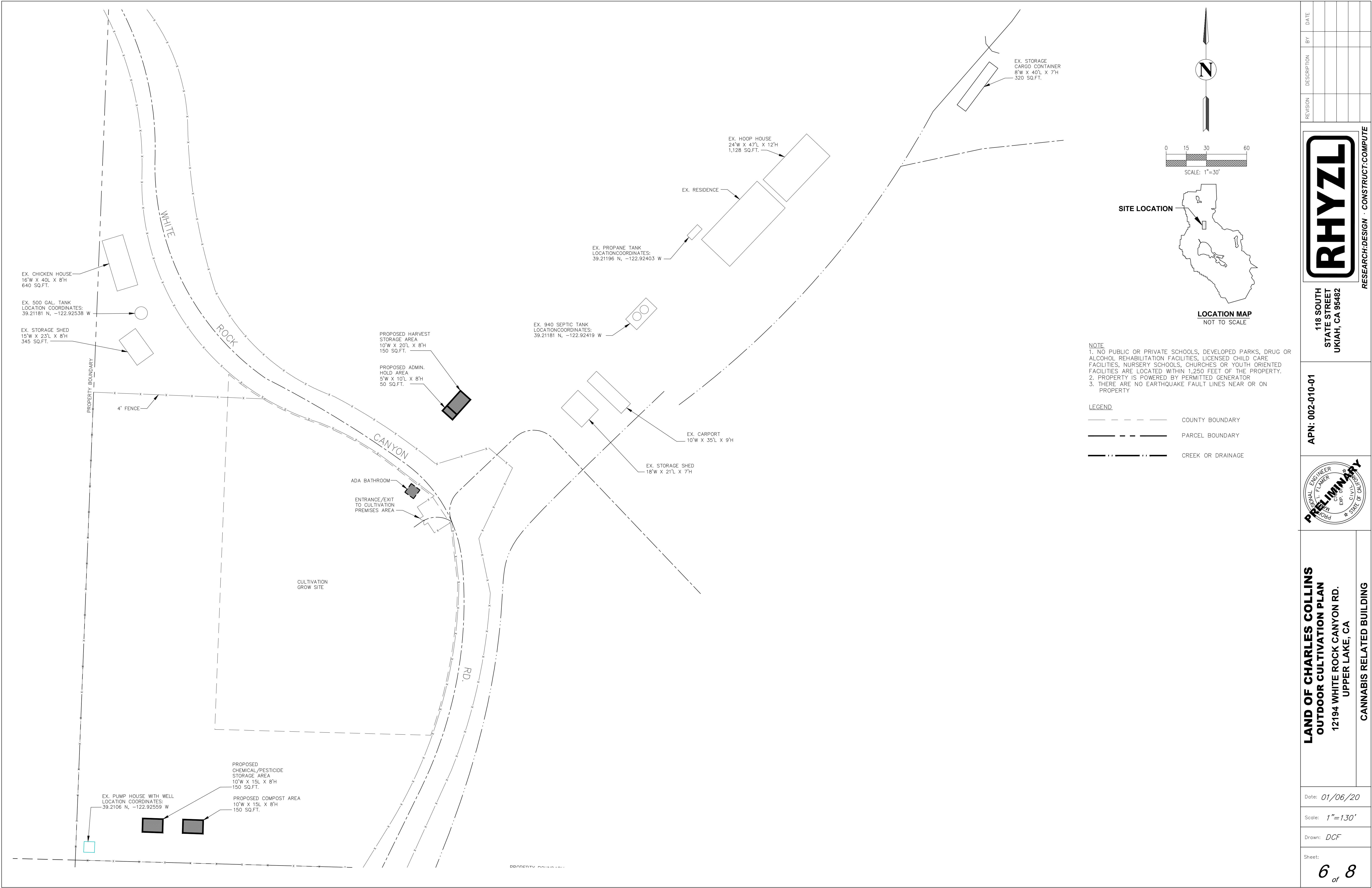
CULTIVATION, SITE PLAN

Date: 01/06/20

Scale: 1"=130'

Drawn: DCF

Sheet: 5 of 8



REVISION	DESCRIPTION	BY	DATE

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UKIAH, CA 95482

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PROFESSIONAL ENGINEER
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LAND OF CHARLES COLLINS
OUTDOOR CULTIVATION PLAN
12194 WHITE ROCK CANYON RD.
UPPER LAKE, CA

CANNABIS RELATED BUILDING

Date: 01/06/20

Scale: 1"=130'

Drawn: DCF

Sheet: 6 of 8

EROSION PREVENTION AND SEDIMENT CONTROLS NOTES

- GENERAL
1. PERFORM EROSION PREVENTION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE LATEST EDITION OF THE LAKE COUNTY CODE.
 2. THE APPROVED PLANS SHALL CONFORM WITH THE LAKE COUNTY EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP'S) GUIDE.
 3. THE OWNER IS RESPONSIBLE FOR PREVENTING STORM WATER POLLUTION GENERATED FROM THE CONSTRUCTION SITE YEAR ROUND. WORK SITES WITH INADEQUATE EROSION AND SEDIMENT CONTROL MAY BE SUBJECT TO A STOP WORK ORDER.
 4. IF DISCREPANCIES OCCUR BETWEEN THESE NOTES, MATERIAL REFERENCED HEREIN OR MANUFACTURER'S RECOMMENDATIONS, THEN MOST PROTECTIVE SHALL APPLY.
 5. AT ALL TIMES THE OWNER IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH THE STATE OF CALIFORNIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY. CONSTRUCTION ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO CLEARING, GRADING, EXCAVATION, STOCKPILING, AND RECONSTRUCTION OF EXISTING FACILITIES INVOLVING REMOVAL AND REPLACEMENT.

- RAINY SEASON OPERATIONS
1. THE OWNER MUST IMPLEMENT AN EFFECTIVE COMBINATION OF EROSION PREVENTION AND SEDIMENT CONTROL ON ALL DISTURBED AREAS DURING THE RAINY SEASON (OCTOBER 15 - APRIL 15). CONSTRUCTION GRADING AND DRAINAGE IMPROVEMENT SHALL BE PERMITTED DURING THE RAINY SEASON ONLY WHEN ON-SITE SOIL CONDITIONS PERMIT THE WORK TO BE PERFORMED IN COMPLIANCE WITH MENDOCINO COUNTY CODES AND ORDINANCES. STORM WATER BMP'S REFERENCED OR DETAILED IN THE PERMIT AUTHORITY'S BEST MANAGEMENT PRACTICES GUIDE SHALL BE IMPLEMENTED AND FUNCTIONAL ON THE SITE AT ALL TIMES.

2. THE AREA OF ERODIBLE LAND EXPOSED AT ANY ONE TIME DURING THE WORK SHALL NOT EXCEED 1 ACRE OR 20% OF THE PERMITTED WORK AREA, WHICHEVER IS GREATER, AND THE TIME OF EXPOSURE SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE.

3. AGRICULTURAL GRADING AND DRAINAGE IMPROVEMENTS, AND INITIAL LAND PREPARATION WORK FOR VINEYARD AND ORCHARD PLANTING, SHALL BE PERMITTED DURING THE RAINY SEASON ONLY FROM APRIL 1 TO APRIL 15, AND ONLY WHEN ON-SITE SOIL CONDITIONS PERMIT THE WORK TO BE PERFORMED IN COMPLIANCE WITH MENDOCINO COUNTY CODES AND ORDINANCES

- YEAR ROUND REQUIREMENTS
1. DURING THE NON-RAINY SEASON, ON ANY DAY WHEN THE NATIONAL WEATHER SERVICE FORECAST IS A CHANCE OF RAIN OF 30% OR GREATER WITHIN THE NEXT 24 HOURS, STORM WATER BMP'S REFERENCES OR DETAILED IN PRMD'S BEST MANAGEMENT PRACTICES GUIDE SHALL BE IMPLEMENTED, INSTALLED, AND FUNCTIONAL ON THE SITE TO PREVENT SOIL AND OTHER POLLUTANT DISCHARGES. AT ALL OTHER TIMES, BMP'S SHOULD BE STORED ON SITE IN PREPARATION FOR INSTALLATION PRIOR TO RAIN EVENTS.

2. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BY THE OWNER BEFORE FORECASTED STORM EVENTS AND AFTER STORM EVENTS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES THAT HAVE FAILED OR ARE NO LONGER EFFECTIVE SHALL BE PROMPTLY REPLACED. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.

3. THE LIMITS OF GRADING SHALL BE DEFINED AND MARKED ON SITE TO PREVENT DAMAGE TO SURROUNDING VEGETATION. PRESERVATION OF EXISTING VEGETATION SHALL OCCUR TO THE MAXIMUM EXTENT PRACTICABLE. ANY EXISTING VEGETATION WITHIN THE LIMITS OF GRADING THAT IS TO REMAIN UNDISTURBED BY THE WORK SHALL BE IDENTIFIED AND PROTECTED FROM DAMAGE BY MARKING, FENCING, OR OTHER MEASURES.

4. CHANGES TO THE EROSION PREVENTION PLAN AND SEDIMENT CONTROL PLAN MAY BE MADE TO RESPOND TO FIELD CONDITIONS AND SHALL BE NOTED ON THE PLAN.

5. DISCHARGES OF POTENTIAL POLLUTANTS FROM CONSTRUCTION SITES SHALL BE PREVENTED USING SOURCE CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE. POTENTIAL POLLUTANTS INCLUDE ARE NOT LIMITED TO: SEDIMENT, TRASH, NUTRIENTS, PATHOGENS, PETROLEUM, HYDROCARBONS, METALS, CONCRETE, CEMENT, ASPHALT, LIME, PAINT, STAINS, GLUES, WOOD PRODUCTS, PESTICIDES, HERBICIDES, CHEMICALS, HAZARDOUS WASTE, SANITARY WASTE, VEHICLE OR EQUIPMENT WASH WATER, AND CHLORINATED WATER.

6. ENTRANCE(S) TO THE CONSTRUCTION SITE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF POTENTIAL POLLUTANTS OFFSITE. POTENTIAL POLLUTANTS DEPOSITED ON PAVED AREAS WITH THE COUNTY RIGHT-OF-WAY, SUCH AS ROADWAYS AND SIDEWALKS, SHALL BE PROPERLY DISPOSED OF AT THE END OF EACH WORKING DAY OR MORE FREQUENTLY AS NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING CONSTRUCTION VEHICLES LEAVING THE SITE ON A DAILY BASIS TO PREVENT DUST, SILT, AND DIRT FROM BEING RELEASED OR TRACKED OFFSITE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AT THE END OF EACH WORKING DAY OR MORE OFTEN AS NECESSARY.

7. ALL DISTURBED AREAS SHALL BE PROTECTED BY USING EROSION PREVENTION MEASURES TO THE MAXIMUM EXTENT PRACTICABLE, SUCH AS ESTABLISHING VEGETATION COVERAGE, HYDROSEEDING, STRAW MULCH, PERMANENT REVEGETATION SHALL BE INSTALLED AS SOON AS PRACTICAL AFTER VEGETATION REMOVAL BUT IN ALL CASES PRIOR TO OCTOBER 15. PRIOR TO FINAL INSPECTION, ALL DISTURBED AREAS SHALL BE REVEGETATED OR LANDSCAPING SHALL BE INSTALLED.

8. WHENEVER IT IS NOT POSSIBLE TO USE EROSION PREVENTION MEASURES ON EXPOSED SLOPES, SEDIMENT CONTROL DEVICES SUCH AS FIBER ROLLS AND SILT FENCES SHALL BE INSTALLED TO PREVENT SEDIMENT MIGRATION. FIBER ROLLS AND SILT FENCES SHALL BE TRENCHED AND KEYED INTO THE SOIL AND INSTALLED ON CONTOUR. SILT FENCES SHALL BE INSTALLED APPROXIMATELY 2 TO 5 FEET FROM TOE OF SLOPE.

9. HYDROSEEDING SHALL BE CONDUCTED IN A THREE STEP PROCESS. FIRST, EVENLY APPLY SEED MIX AND FERTILIZER TO THE EXPOSED SLOPE. SECOND, EVENLY APPLY MULCH OVER THE SEED AND FERTILIZER. THIRD, STABILIZE THE MULCH IN PLACE. AN EQUIVALENT SINGLE STEP PROCESS, WITH SEED, FERTILIZER, WATER, AND BONDED FIBERS IS ACCEPTABLE. APPLICATIONS SHALL BE BROADCASTED MECHANICALLY OR MANUALLY AT THE RATES SPECIFIED BELOW. SEED MIX AND FERTILIZER SHALL BE WORKED INTO THE SOIL BY ROLLING OR TAMPING. IF STRAW IS USED AS MULCH, STRAW SHALL BE DERIVED FROM WHEAT, RICE, OR BARLEY AND BE APPROXIMATELY 6 TO 8 INCHES IN LENGTH. STABILIZATION OF MULCH SHALL BE DONE HYDRAULICALLY BY APPLYING AN EMULSION OR MECHANICALLY BY CRIMPING OR PUNCHING THE MULCH INTO THE SOIL. EQUIVALENT METHODS AND MATERIALS MAY BE USED ONLY IF THEY ADEQUATELY PROMOTE VEGETATION GROWTH AND PROTECT EXPOSED SLOPES.

MATERIALS	APPLICATION RATE (POUNDS PER ACRE)
SEED MIX	
BROMUS MOLLIS (BLANDO BROME)	40
TRIFOLIUM HIRTUM (HYKON ROSE CLOVER)	20
FERTILIZER	
16-20-0 & 15% SULPHUR	500
MULCH	
STRAW	4000
HYDRAULIC STABILIZING*	
M-BINDER OR SENTINEL	75-100
EQUIVALENT MATERIAL	PER MANUFACTURER
*NON-ASPHALTIC, DERIVED FROM PLANTS	

10. DUST CONTROL SHALL BE PROVIDED BY CONTRACTOR DURING ALL PHASES OF CONSTRUCTION.

11. STORM DRAIN INLETS SHALL BE PROTECTED FROM POTENTIAL POLLUTANTS UNTIL DRAINAGE CONVEYANCE SYSTEMS ARE FUNCTIONAL AND CONSTRUCTION HAS BEEN COMPLETED.

12. ENERGY DISSIPATERS SHALL BE INSTALLED AT STORM DRAIN OUTLETS WHICH MAY CONVEY EROISVE STORM WATER FLOW.

13. SOIL, MATERIAL STOCKPILES, AND FERTILIZING MATERIAL SHALL BE PROPERLY PROTECTED TO MINIMIZE SEDIMENT AND POLLUTANT TRANSPORT FROM THE CONSTRUCTION SITE.

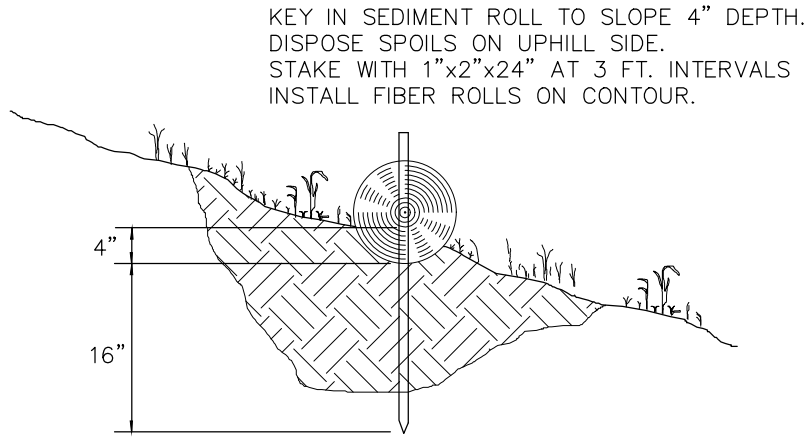
14. SOLID WASTE, SUCH AS TRASH, DISCARDED BUILDING MATERIALS AND DEBRIS SHALL BE PLACED IN DESIGNATED COLLECTION AREAS OR CONTAINERS. THE CONSTRUCTION SITE SHALL BE CLEARED OF SOLID WASTE DAILY OR AS NECESSARY. REGULAR REMOVAL AND PROPER DISPOSAL SHALL BE COORDINATED BY THE CONTRACTOR.

15. A CONCRETE WASHOUT AREA, SUCH AS A TEMPORARY PIT, SHALL BE DESIGNATED TO CLEAN CONCRETE TRUCKS AND TOOLS. AT NO TIME SHALL CONCRETE PRODUCTS AND WASTE BE ALLOWED TO ENTER COUNTY WATERWAYS SUCH AS CREEKS OR STORM DRAINS. NO WASHOUT OF CONCRETE, MORTAR MIXERS, OR TRUCKS SHALL BE ALLOWED ON SOIL.

16. PROPER APPLICATION, CLEANING, AND STORAGE OF POTENTIALLY HAZARDOUS MATERIALS, SUCH AS PAINTS AND CHEMICALS, SHALL BE CONDUCTED TO PREVENT THE DISCHARGE OF POLLUTANTS.

17. TEMPORARY RESTROOMS AND SANITARY FACILITIES SHALL BE LOCATED AND MAINTAINED DURING CONSTRUCTION ACTIVITIES TO PREVENT THE DISCHARGE OF POLLUTANTS.

18. APPROPRIATE VEHICLE STORAGE, FUELING, MAINTENANCE, AND CLEANING AREAS SHALL BE DESIGNATED AND MAINTAINED TO PREVENT DISCHARGE OF POLLUTANTS.



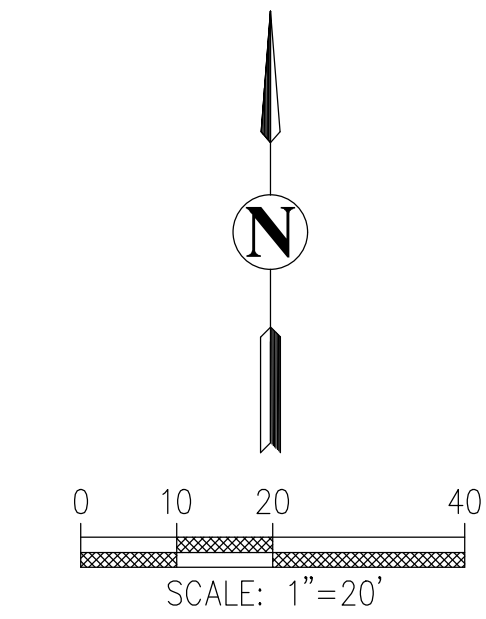
FIBER ROLLS SHALL BE INSTALLED ON CONTOUR

NOTES:

1. LOCATE FIBER ROLLS ON LEVEL CONTOURS SPACED AS FOLLOWS:
4h:1v.....20ft
2h:1v.....15ft
>2h:1v.....10ft

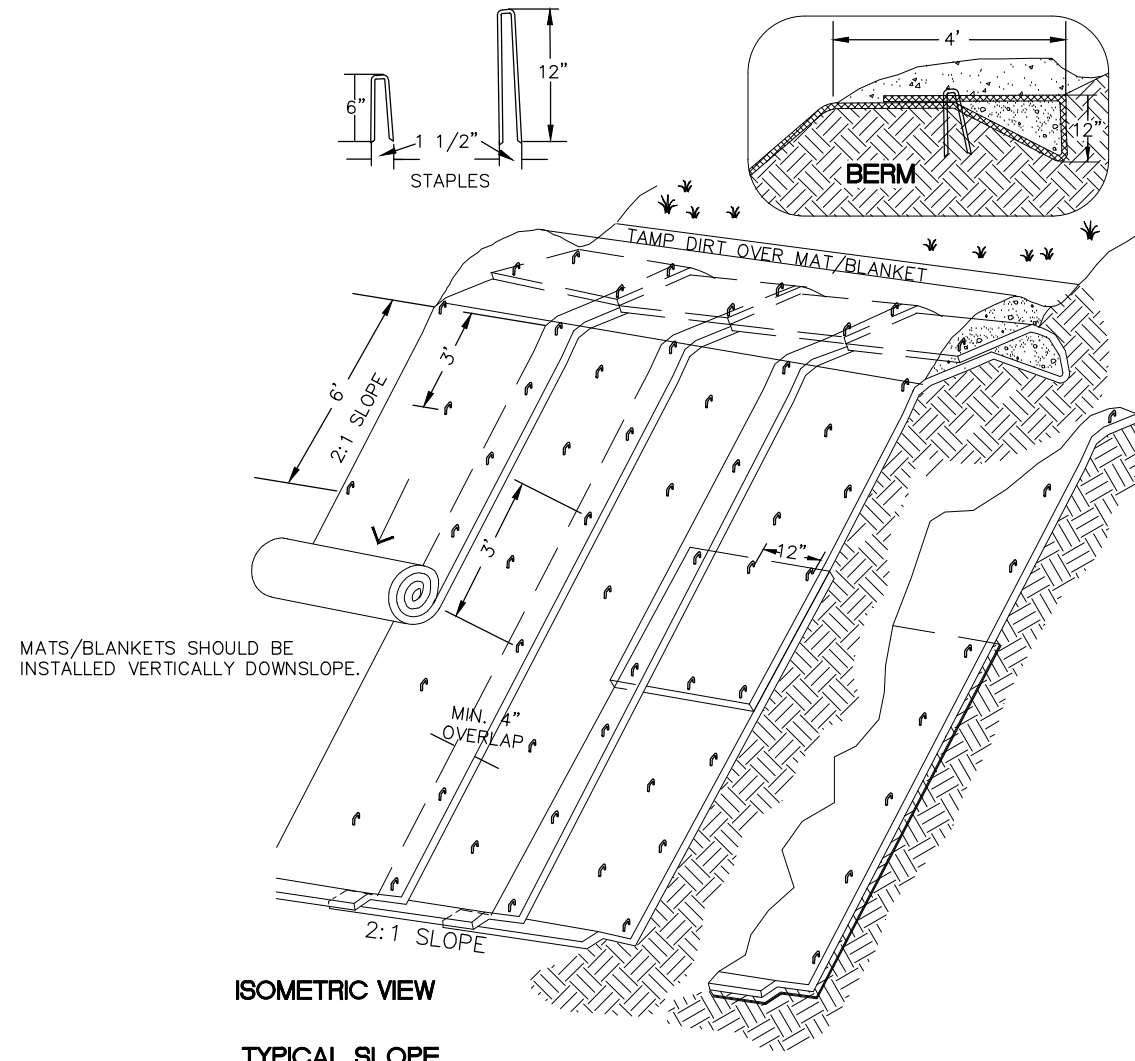
2. REFER TO THE CALIFORNIA STORMWATER BMP HANDBOOK FOR DETAILED INSTALLATION INSTRUCTIONS.

FIBER ROLL INSTALLATION
NTS



INSTALL EROSION CONTROL
BLANKET ON EXPOSE SLOPES

SEED AND STRAW
ALL EXPOSED EARTH
PER NOTES



ISOMETRIC VIEW

TYPICAL SLOPE
SOIL STABILIZATION

WET SLOPE LINING

NOTES:

1. INSTALL JUTE NETTING EROSION CONTROL BLANKET OR EQUIVALENT OTHER.
2. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLOUDS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
3. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
4. HYDROSEEDING PER THE NOTES ON THIS PAGE CAN BE USED AS AN ALTERNATIVE TO THE EROSION BLANKETS.

EROSION BLANKETS & TURF REINFORCEMENT
MATS FOR SLOPE INSTALLATION

NTS

RESIDENCE

ADD ROCK

ADD ROCK TO ENTRANCE/EXIT
TO PREVENT TRACKING SEDIMENTS
ON COUNTY ROADS.

REVISION	DESCRIPTION	BY	DATE

RHYZL

118 SOUTH
STATE STREET
UKIAH, CA 95482

APN: 002-010-01

PROFESSIONAL ENGINEER
PLANNER
MAY 2014
STATE OF CALIFORNIA

PRELIMINARY

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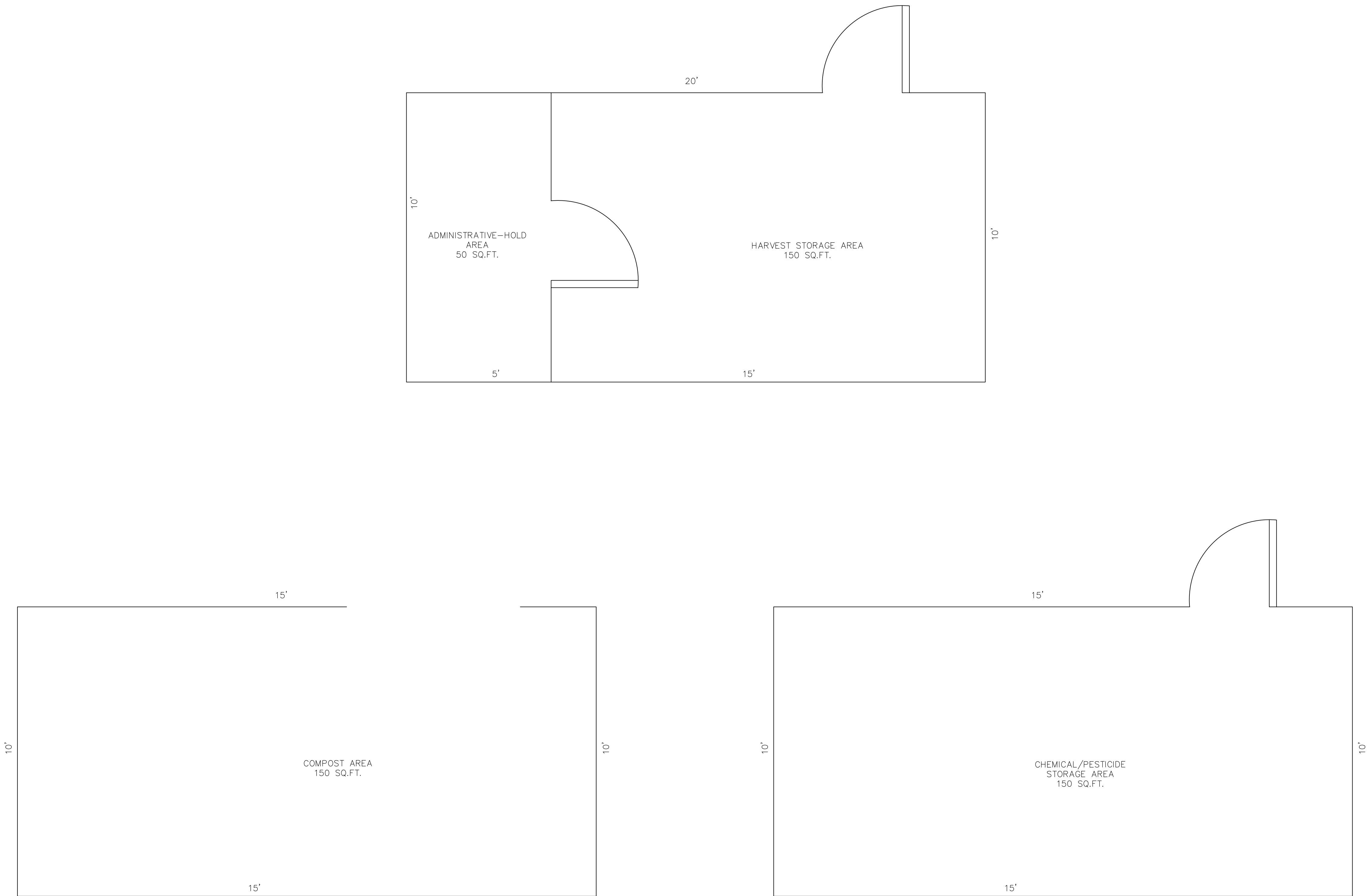
EROSION CONTROL PLAN

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Sheet:
7 of 8



Date: 01/06/20		REVISION		DESCRIPTION	BY	DATE
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Sheet: 8 of 8						

LAND OF CHARLES COLLINS
OUTDOOR CULTIVATION PLAN
12194 WHITE ROCK CANYON RD.
UPPER LAKE, CA

STORAGE BUILDING LAYOUT

118 SOUTH
STATE STREET
UKIAH, CA 95482

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PROFESSIONAL ENGINEER
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