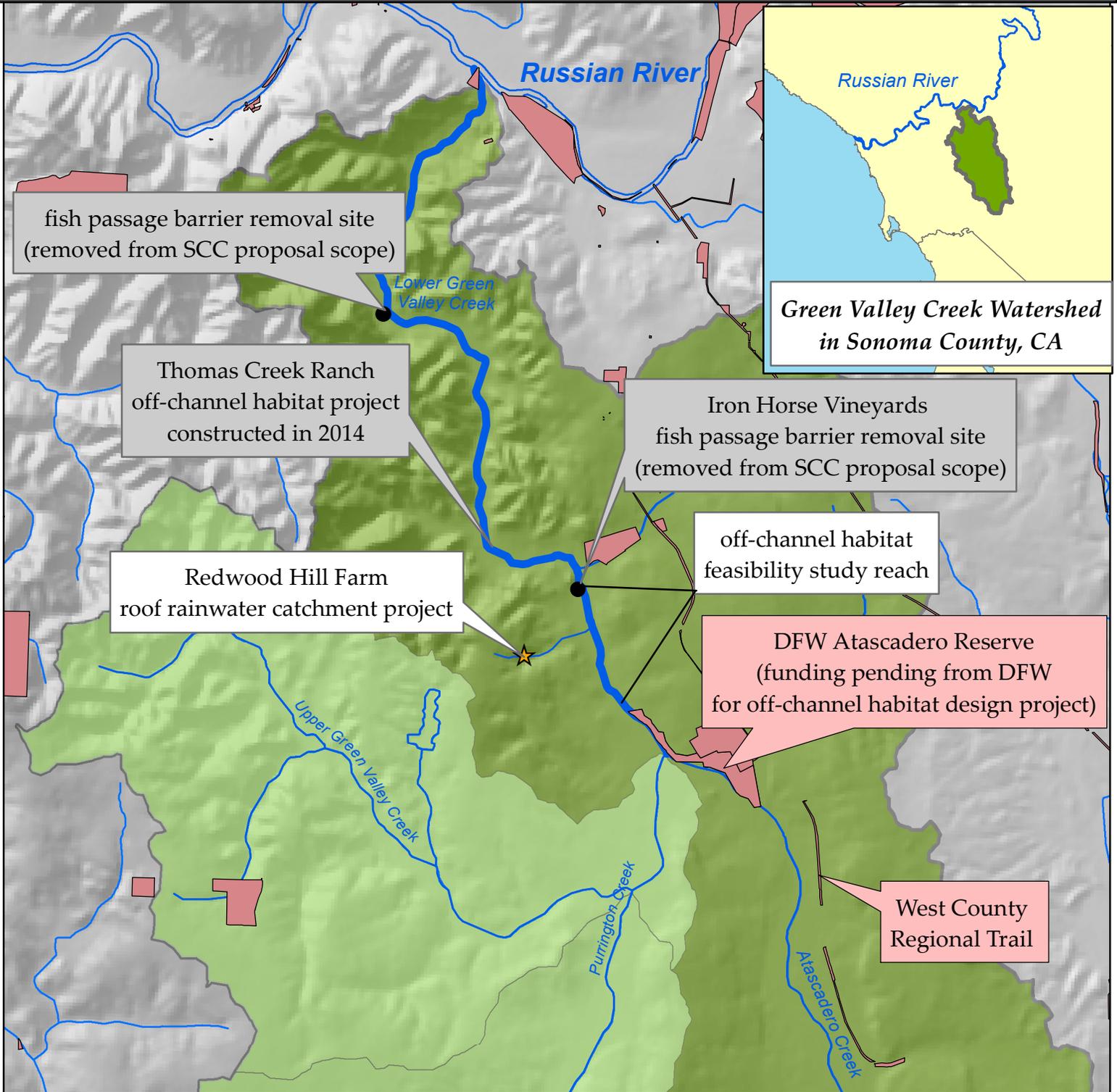


Lower Green Valley Creek Coho Migration Enhancement Project
 North Coast Resource Conservation and Development Council
 Gold Ridge Resource Conservation District
 State Coastal Conservancy Proposition 1 Proposal
 Regional Map



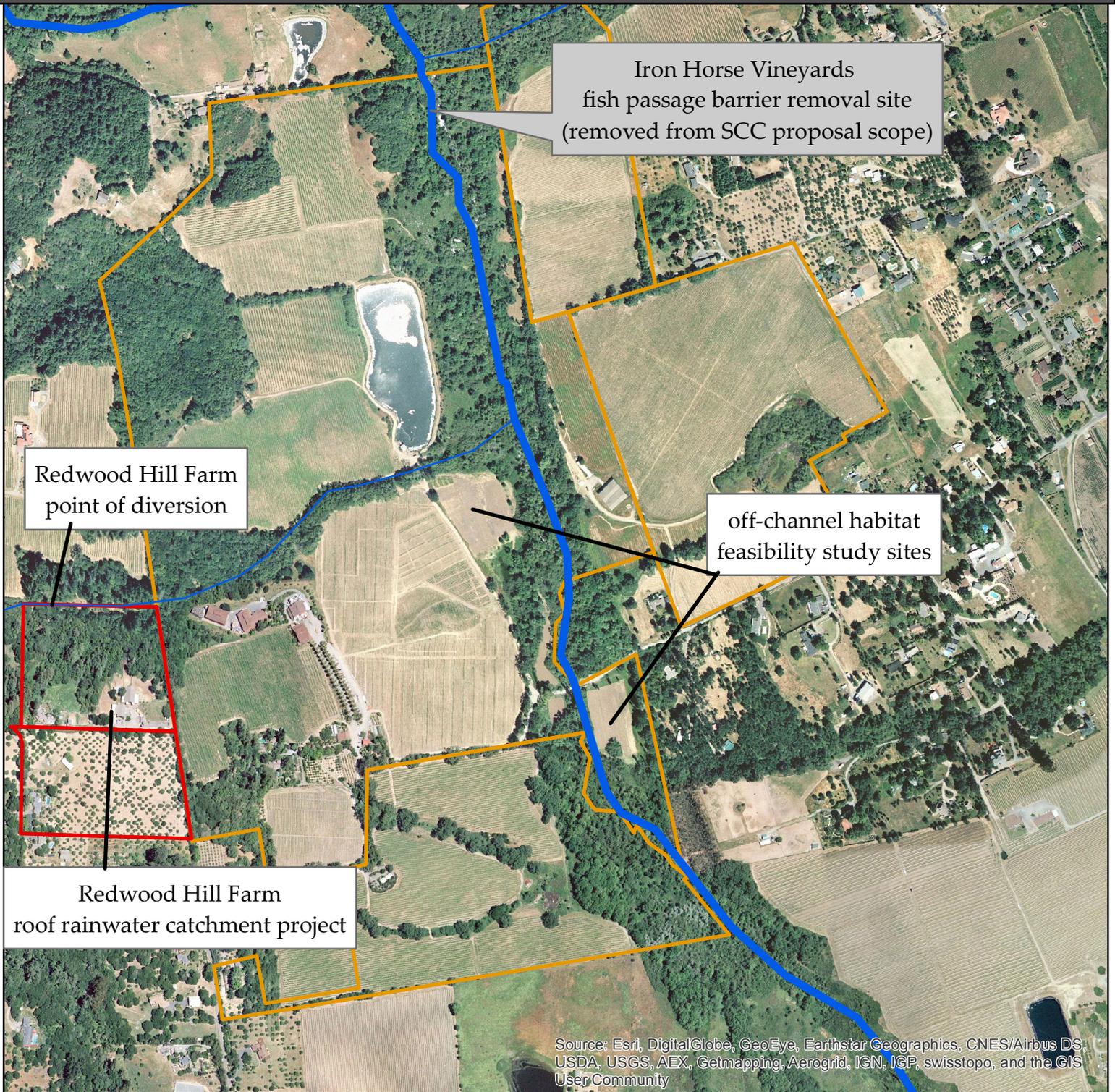
- Public Lands
- Lower Green Valley Creek: project focus reach
- streams
- Upper Green Valley Creek Subwatershed: priority coho rearing habitat



December 2015

Exhibit 2: Project Site Maps and Designs

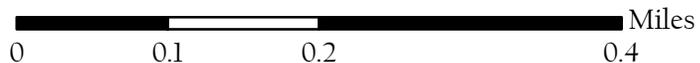
Lower Green Valley Creek Coho Migration Enhancement Project
North Coast Resource Conservation and Development Council
Gold Ridge Resource Conservation District
State Coastal Conservancy Proposition I Proposal
Site Scale Map



 Lower Green Valley Creek: project focus reach

 Iron Horse Vineyards

 Redwood Hill Farm

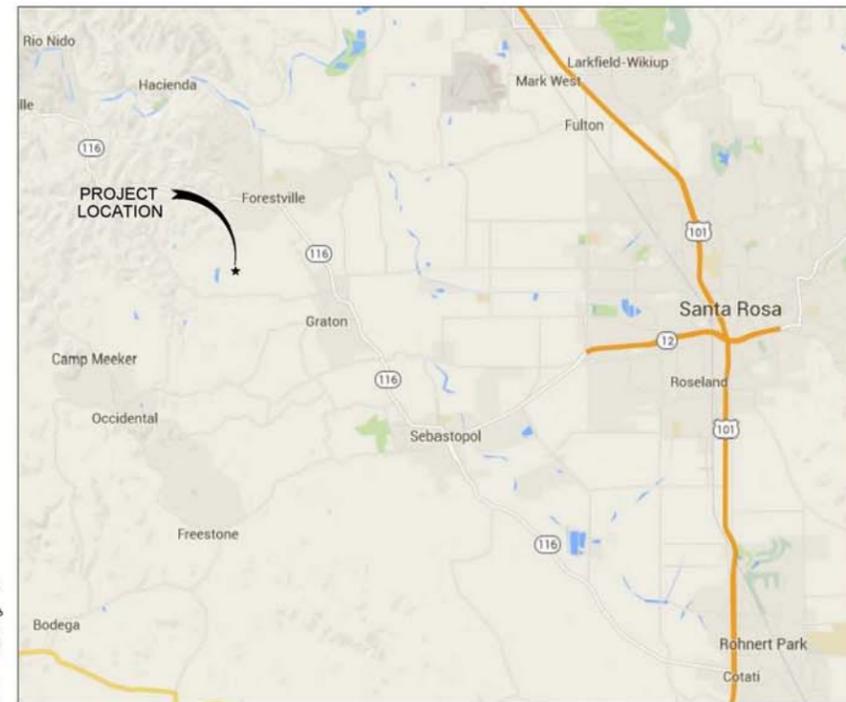


December 2015

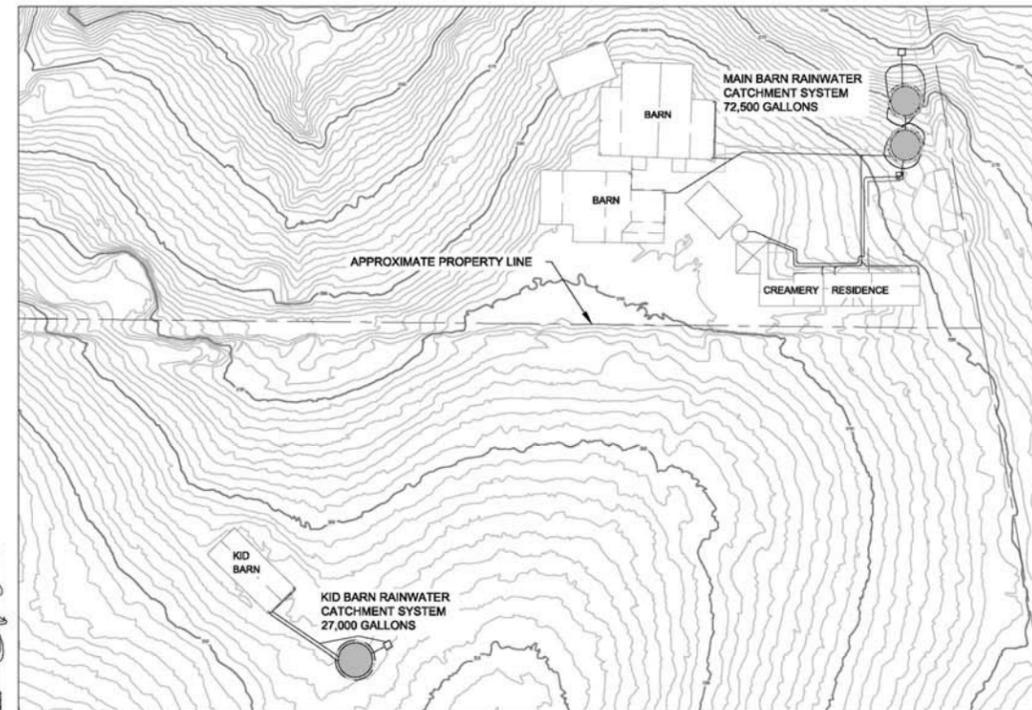
Exhibit 2: Project Site Maps and Designs

Redwood Hill Farm & Creamery Rainwater Catchment System

5480 Thomas Road
Sebastopol, CA
APN 104-020-016 & 104-020-015



LOCATION MAP
Approximate Scale 2 miles per inch



OVERALL SITE PLAN

PROJECT PURPOSE

The project entails construction of three rainwater storage tanks and accompanying infrastructure that will reduce reliance of the Redwood Hill Farm & Creamery on well water. The system is intended to supply water for livestock and irrigation during the dry summer months to reduce impact on the local water system and protect flows in Green Valley Creek.

OWNER/PERMITEE

REDWOOD HILL FARM & CREAMERY
5480 THOMAS ROAD
SEBASTOPOL, CA 95472

PREPARED BY

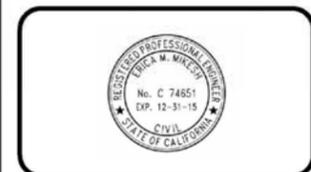
ERICA MIKESH, P.E.
Partner Engineer, working with the Gold Ridge RCD,
Marin RCD, Sonoma RCD, and the Natural Resources
Conservation Service

SHEET INDEX

- 1 TITLE SHEET
- 2 NOTES
- 3 KID BARN PLAN
- 4 MAIN BARN PLAN
- 5 DETAILS
- 6 DETAILS

General Notes

No.	Revision/Issue	Date
1	65% Construction Drawings	12/7/15



Project Name and Address
Redwood Hill Farm & Creamery
Rainwater Catchment System
5480 Thomas Road
Sebastopol, California

TITLE SHEET	Sheet
Date 12/7/2015	1
Scale AS NOTED	

GENERAL NOTES

- Work described in these notes includes, but is not limited to, methods and materials required to construct the Redwood Hill Farm & Creamery Rainwater Catchment System and erosion and sediment controls. All work shall be performed in coordination with the owner and Gold Ridge Resource Conservation District (GRRCD) representative or engineer.
- State, and federal codes, laws, applicable permits, ordinances, rules, and regulations relating to any portion of the work are hereby incorporated into and made a part of these notes, and their provisions shall be carried out by the contractor. The plans and notes shall not be construed to conflict with any of the above rules and regulations.
- All work shall conform to the latest edition of the California Building Code and/or applicable County of Sonoma codes, ordinances, zoning and planning laws, and Caltrans Standards.
- All work shall be in compliance with all applicable occupational safety and health administration (O.S.H.A.) standards as set forth by the Federal Department of Labor and/or the State of California. The contractor shall secure a trench permit from the California Division of Industrial Safety prior to excavation of any trench over five feet deep.
- All on-site water line construction shall conform to the requirements of the uniform plumbing code, (U.P.C.) and all applicable regulations of the County of Sonoma and cognizant utility companies.
- The drawings shall not be scaled. All work shall be governed by the dimensions shown on the drawings. The contractor shall field verify all dimensions shown and bring discrepancies to the attention of the engineer prior to proceeding with the work.
- Details of construction not indicated or noted shall be considered of the same character shown for similar or existing construction.
- This drawing does not represent a property survey. Property lines have been plotted for informational purposes only and are approximate.
- Contractor shall secure letters of permission from adjacent landowners before entering such properties.
- The local jurisdiction having authority shall be notified 72 hours prior to starting any work. The contractor shall be responsible for keeping the jurisdiction having authority informed of the construction schedule.
- Contractor shall provide 72 hours advance notice to the engineer for requested inspections.
- All compaction and fill areas installed shall be tested and approved by a geotechnical engineer. GRRCD or the owner shall provide for necessary material and soils testing and observation. The contractor shall provide 72 hours minimum notice prior to required observation or testing. Additional testing for failed areas of work shall be paid for by the contractor.
- Materials and workmanship shall conform to adopted Sonoma County subdivision road and street standards and Caltrans Standards.
- The locations of existing underground utilities as shown on the plan are based on the best information available. The locations of all existing underground utilities may not have been indicated on these drawings. The engineer assumes no responsibility for the accuracy of the information shown, or the inadvertent omission of any such information. Contractor shall verify location of existing utilities; conflicts and/or discrepancies shall be brought to the attention of the engineer. Unless otherwise noted, existing utilities shall be protected and maintained in service by the contractor. Utilities that interfere with work to be performed under this project shall be protected in accordance with County of Sonoma, P.G.&E and AT&T requirements.
- Underground service alert (U.S.A.) - call toll free (800) 642-2444 at least 48 hours prior to excavation. The contractor shall uncover relevant utilities to verify their location and elevation. If unexpected or conflicting utilities are encountered during excavation, notify U.S.A., the utility owner, and/or the engineer of record immediately. Utilities include but are not limited to water, sewer, electrical, gas, telephone, and cable/TV. If practical, the excavator shall delineate with with paint or other suitable markings the area to be excavated.
- The contractor shall notify P.G.&E and AT&T prior to starting any work. The contractor shall be responsible for keeping these utility companies informed of the construction schedule.
- The contractor shall secure all necessary permits and inspections from Sonoma County. The owner will make applications and pay all permit fees.
- Contractor shall be responsible for protecting existing facilities and improvements from damage resulting from construction work. Any damage shall be repaired at the contractor's expense.
- Contractor shall coordinate construction work with existing facilities requirements & operations. Contractor shall be prepared to phase portions of the work so that it does not interfere with or inhibit existing facility operations.
- Contractor shall be responsible for keeping access to the site and adjoining operations open to the owners at all times.
- Obtaining of construction water and utilities shall be coordinated with the owner's representative(s).
- All existing valve and meter boxes, manholes and cleanouts shall be raised to new grade as required.
- All existing fences and gates at the site shall be located, protected and maintained at all times.
- On-site grading shall not inhibit off-site drainage.
- The screened contours and topographic information on these drawings represent the approximate surface based on GIS contours obtained from the Sonoma County Vegmap database. Existing site conditions should be verified by the contractor.
- The engineer assumes no responsibility for soil conditions in the area of construction operations.
- Contractor shall provide all labor, materials, equipment, tools and other services necessary for proper execution of this contract.

- Substitutions for materials or equipment indicated on the contract drawings shall be reviewed by the engineer. The engineer assumes no responsibility for work affected by such changes accomplished without engineer's review.
- Remove only those trees that are necessary to clear the new construction. No trees shall be removed without prior review with the Owner.
- Layout location of tanks and pipes in the field before construction to allow for minor adjustments by the Owner or GRRCD representative.
- The contractor shall provide the owner, as a condition of completion and receipt of final payment, a written guarantee covering all materials and workmanship furnished and performed for this work against defects for a period of one (1) year after the date of filing the notice of completion.
- The contractor shall be responsible for a daily record of "AS BUILT" conditions that differ from the original drawings. The contractor will be provided with a set of reproducible drawings on which the "AS BUILT" conditions shall be recorded. The "AS BUILT" drawing (signed and dated) shall be furnished to the engineer upon completion of the work and prior to final payment.
- Prior to the start of construction, the contractor shall hold a pre-construction meeting with the engineer and the owner to discuss the scope of the project, permit conditions, required inspections, appropriate application of best management practices (BMPs) and any other construction issues.

GRADING AND DRAINAGE NOTES

- Perform grading and drainage improvements in accordance with applicable Sonoma County Regulations.
- All work shall be done in compliance with the approved plans and specifications. The contractor shall immediately notify the engineer upon discovering discrepancies, errors, or omissions in the plans. Prior to proceeding, the owner shall have the plans revised to clarify identified discrepancies, errors, or omissions.
- Existing drainage courses receiving waters from this site and located throughout the site shall remain open and clear of debris to properly convey stormwater.
- In the event cultural resources (i.e. historical, archaeological, and paleontological resources, and human remains) are discovered during grading or other construction activities, work shall immediately be halted within the vicinity of the find. The northwest information center shall be notified at (707) 664-0880. A qualified archeologist shall be consulted for an on-site evaluation. Additional mitigation may be required per the archeologist's recommendations. The contractor shall also notify the County coroner at (707) 565-5070.
- Should grading operations encounter hazardous material, or what appear to be hazardous materials, stop work immediately in the affected area and contact 911 or the appropriate agency for further instruction.
- Grading and drainage improvements shall be set back from streams, lakes, ponds and wetlands in compliance with the requirements of the Sonoma County Code (SCC). Existing vegetation shall be retained in stream setback areas to filter soil and other pollutants carried in stormwater.
- Fill material shall not include organic, frozen, or other deleterious materials. No rock or similar irreducible material greater than 6 inches in any dimension shall be included in fills except where approved by the engineer. Fills shall be constructed in lifts not exceeding 8 inches in depth. Completed fills shall be stable, well-integrated, and bonded to adjacent materials on which they rest. Fills shall be competent to support anticipated loads and be stable at the design slopes shown on the approved plans and specifications or as directed by the engineer.
- Ground surfaces shall be prepared to receive fill by removing vegetation, top soil, and other unsuitable materials, and scarifying the ground to provide a bond with the fill material.
- Fills not intended to support structures or surcharges shall be compacted as follows: (1) fills greater than 3 feet in depth shall be compacted to the density specified by the engineer. (2) Fills no greater than 3 feet in depth shall be compacted to the density necessary for the intended use of as directed by the engineer.

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

- Perform erosion and sediment control in accordance with Sonoma County Code (SCC).
- The approved plans shall conform with the Permit and Resource Management Department's (PRMD) erosion prevention and sediment control best management practices (BMPs) guide posted on the PRMD website.
- The owner is responsible for preventing stormwater pollution generated from the construction site year round. Work sites with inadequate erosion and sediment control may be subject to a stop work order.
- If discrepancies occur between these notes, material referenced herein or manufacturer's recommendations, then the most protective shall apply.
- 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 stormwater 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.
- 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 improvements shall be permitted during the rainy season only when on-site soil conditions permit the work to be performed in compliance with the SCC. Stormwater BMPs shall be implemented and functional on the site at all times during the rainy season.

- During the non-rainy season, on any day when the national weather service forecast is a chance of rain 35% or greater within the next 24 hours, stormwater BMPs referenced 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, BMPs should be stored onsite in preparation for installation prior to rain events.
- 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.
- Discharges from potential pollutants from construction sites shall be prevented using source controls to the maximum extent practicable. Potential pollutants include but 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.
- 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 within 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 release or tracked offsite. All sediment deposited on paved roadways shall be removed at the end of each working day or more often as necessary.
- All disturbed areas shall be protected by using erosion prevention measures to the maximum extent practicable, such as establishing vegetation coverage, hydroseeding, straw mulch, geotextiles, plastic coverers, blankets or mats. Temporary or permanent revegetation shall be installed as soon as practical after vegetation removal but in all cases prior to October 15.
- Dust control shall be provided by contractor during all phases of construction.
- Storm drain inlets shall be protected from potential pollutants until drainage conveyance systems are functional and construction has been completed.
- Soil, material stockpiles, and fertilizing material shall be properly protected to minimize sediment and pollutant transport from the construction site.
- 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.
- Proper application, cleaning, and storage of potentially hazardous materials, such as paints and chemicals, shall be conducted to prevent the discharge of pollutants.
- Temporary restrooms and sanitary facilities shall be located and maintained during construction activities to prevent the discharge of pollutants.
- Appropriate vehicle storage, fueling, maintenance, and cleaning areas shall be designated and maintained to prevent discharge of pollutants.

UTILITY NOTES

- All existing utilities to remain in the work area shall be protected during construction activities unless noted otherwise.
- All work shall conform to the latest applicable Sonoma County codes, ordinances, zoning and plumbing laws including the latest adopted edition of the uniform plumbing code.
- Contractor shall expose, by potholing, and verify location and elevation of existing utilities, including storm drains, sanitary sewers and water lines before ordering materials and/or constructing new facilities.
- All trenches and excavations shall be constructed in strict compliance with the applicable sections of California and federal O.S.H.A. requirements and other applicable safety ordinances. Contractor shall bear full responsibility for trench shoring design and installation. See general notes.
- Pipeline depth of bury: Gravity lines, to elevation noted, 1.5' minimum in landscaped areas, 2.0' minimum unless noted otherwise. Force mains, 3.0' minimum unless noted otherwise.
- Slope for gravity lines = 0.02 minimum unless noted otherwise.
- Gravity lines shall be constructed using manufacturer's standard fittings for the pipe size specified. Fittings used shall provide for smooth, uniform transitions in size, direction and when pipe join. The use of 90° bends and tees will not be allowed unless shown on the plans.
- All utility crossings are to have a minimum of 6" separation as measured from the outside edge of all pipes. If minimum crossing separation cannot be met, consult engineer regarding reduced clearance options including concrete encasement of crossing.
- All buried metal valves and fittings require protective coatings, see specifications.
- Pipe bedding and backfill for gravity lines shall include an 18" thick impervious clay or slurry cement plug compacted in the trench and around the pipe at the beginning and end of the pipe, and at 50 foot intervals where slopes exceed 10%.
- Contractor to provide shop drawings, if necessary, for approval of system components not shown on the plans.

MATERIAL SPECIFICATIONS

- All materials shall meet or exceed all applicable referenced standards, federal state and local requirements, and conform to codes and ordinances of authorities having jurisdiction.
- Erosion and sediment control: all materials and components shall conform to the requirements of the RWQCB field manual, the CASQA stormwater best management practices handbook, these specifications, and as indicated on the construction drawings.

- Buried pipe shall be schedule 40 PVC unless noted otherwise.
- Above ground pipe shall be schedule 80 PVC pipe unless noted otherwise.
- Install pipe insulation on all 2" or smaller above-ground pipe.
- Miscellaneous fittings required to install schedule 40 PVC pipe for connections between tanks, proper functioning of rainwater fill, outlet, and overflow systems.
- Flexible PVC or other manufacturer recommended tank outlet.
- Project submittals include: Shop Drawings, Manufacturer's Warranties, Operation and Maintenance Data
- 27,000 gallon, 31,000 gallon and 41,500 gallon corrugated metal rainwater tanks manufactured by American Tanks or approved equivalent with 5 year manufacturer's warranty.
- Water level indicator: Rain Harvesting "Tank Gauge" model TATG02 or approved equivalent.
- Base rock: CalTrans Class 2 road base.
- Install system components according to manufacturer's recommendations.
- Tank Fill System
 - Downspout Screen: Rain Harvesting "Leaf Eater Ultra" model RHUL02, or approved equivalent.
 - Schedule 40 PVC pipe sized according to plans, constructed to function as a first flush diversion and tank fill pipes. Miscellaneous PVC and tank bulkhead fittings required to install tank fill pipes as shown on plans.
 - Miscellaneous pipe straps and hardware required to attach first flush diversions, downspout screens, tank fill pipes to existing structure.
 - Miscellaneous fittings required to install first flush diversion drain as shown in details.
 - Fill system drain: schedule 40 PVC and schedule 80 pipe, brass ball valve, miscellaneous fittings required to install fill pipe drain system as shown on plans. Pipe insulation.
 - Quikrete 110 Concrete or approved equivalent.
 - Steel reinforcement bar: #4 rebar, grade 40.
 - 1/4" brass ball valve
- Tank Overflow and Fill System Drain
 - Drain rock: 3/4"
 - Rainbird valve box model VB-JMB-H, or approved equivalent
 - Schedule 40 PVC pipe, and miscellaneous fittings required for tank overflow and fill system drain.
 - 2" brass ball valve.
 - Rain Harvesting "Flap Valve" model TAFV04, or approved equivalent.
 - Filter Fabric: TenCate Mirafix 180N or approved equivalent
 - Galvanized gopher wire

- Pump and Pressure Tank
 - Gould 1/2 HP 13GS05 Submersible Pump, or approved equivalent.
 - 85 gallon Gould pressure tank, or approved equivalent
 - Other parts and fittings as necessary.
- Install tree protection fencing around all tree driplines in the project area. Do not access areas within tree dripline with equipment or vehicles.
- Remove all vegetation and grasses from the areas to be graded. Material may be temporarily stockpiled for later use.
- Remove top 6 inches of topsoil in all areas to be graded for later replacement. Do not off-haul unless noted otherwise.
- Cut or fill to sub-grade elevations. Remove roots or other deleterious materials. Remove soil unsuitable for compaction.
- Scarify, moisture condition, and compact gravel pad sub-grade to 95% relative compaction using vibratory compaction equipment. Fill if necessary to sub-grade with CalTrans Class 2 road base.
- Fill to finish grade of 6" minimum thickness gravel pad with CalTrans Class 2 road base, compact to 95% relative compaction. Install gravel in maximum 6" thick lifts.
- Replace topsoil to finish grade. Compact by track walking with tracked equipment. No cut or fill slope shall be steeper than 2(horizontal):1(vertical). Spoils may be spread on-site. Location to be determined. Apply erosion control measures to all spoils areas.
- Repair any damage to turfgrass, infrastructure, fencing, and utilities caused by construction activities in the project area and access areas.
- Install water tanks, piping, valves, water level indicator, and hose bib according to manufacturer's recommendations and plans. Install schedule 80 PVC pipe on all above-ground tank outlet piping.

General Notes

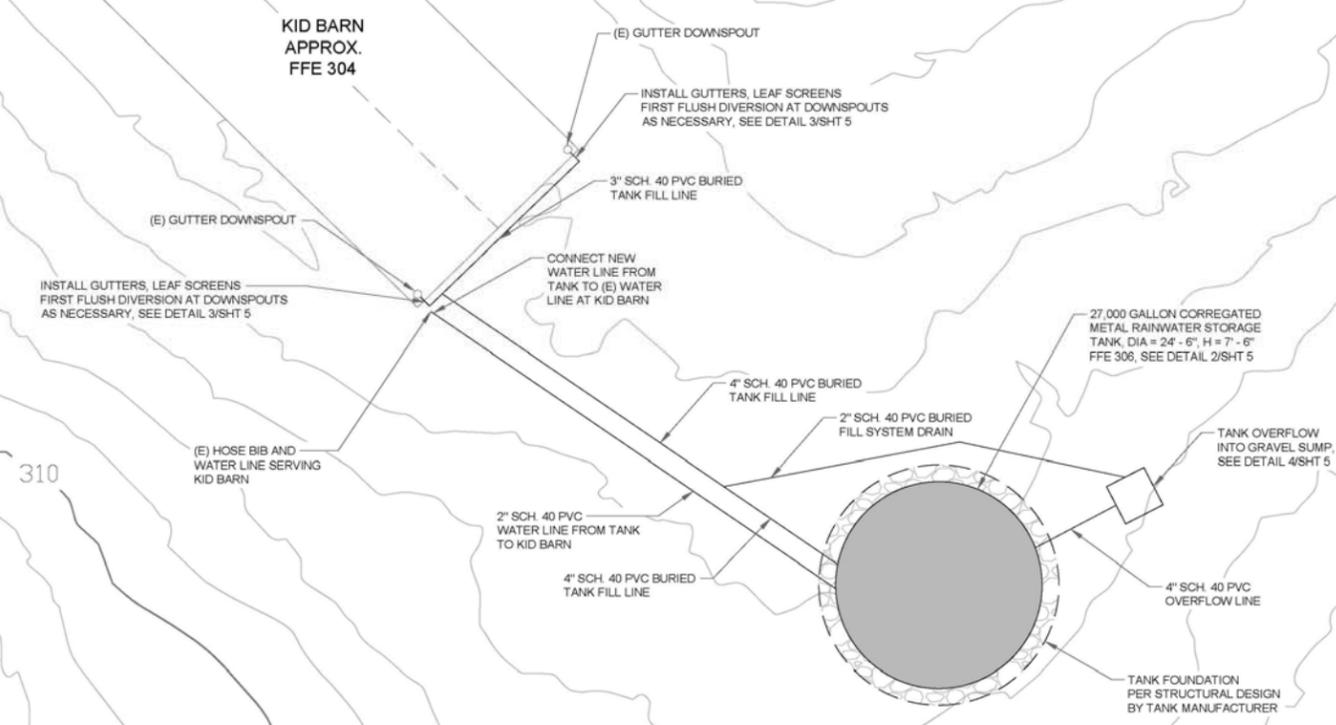
No.	Revision/Issue	Date
1	65% Construction Drawings	12/7/15



Project Name and Address
 Redwood Hill Farm & Creamery
 Rainwater Catchment System
 5480 Thomas Road
 Sebastopol, California

NOTES		Sheet
Date	12/7/2015	2
Scale	AS NOTED	

Kid Barn roof surface area: 1,636 SF.
 Average rainfall of 44" will collect 34,300 gallons.
 Dry rainfall of 22" will collect 17,200 gallons.

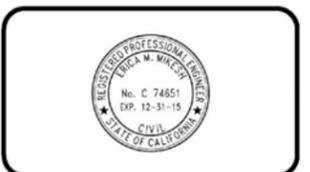


General Notes

1. Contractor to confirm final tank location with owner and engineer.
2. Contractor to confirm tank overflow gravel sump location with owner and engineer.
3. Contractor to install erosion prevention measures to the maximum extent practical including: fiber rolls (see Detail 1/SHT 6), gravel check dams (see Detail 2/SHT 6), and drop inlet protection (see Detail 3/SHT 6).
4. Protect first flush diversion systems from goats. Coordinate with owner.
5. Install pipe per typical utility trench section per Detail 4/SHT 6.
6. Disturbed areas to be stabilized prior to rain event and at the completion of construction.



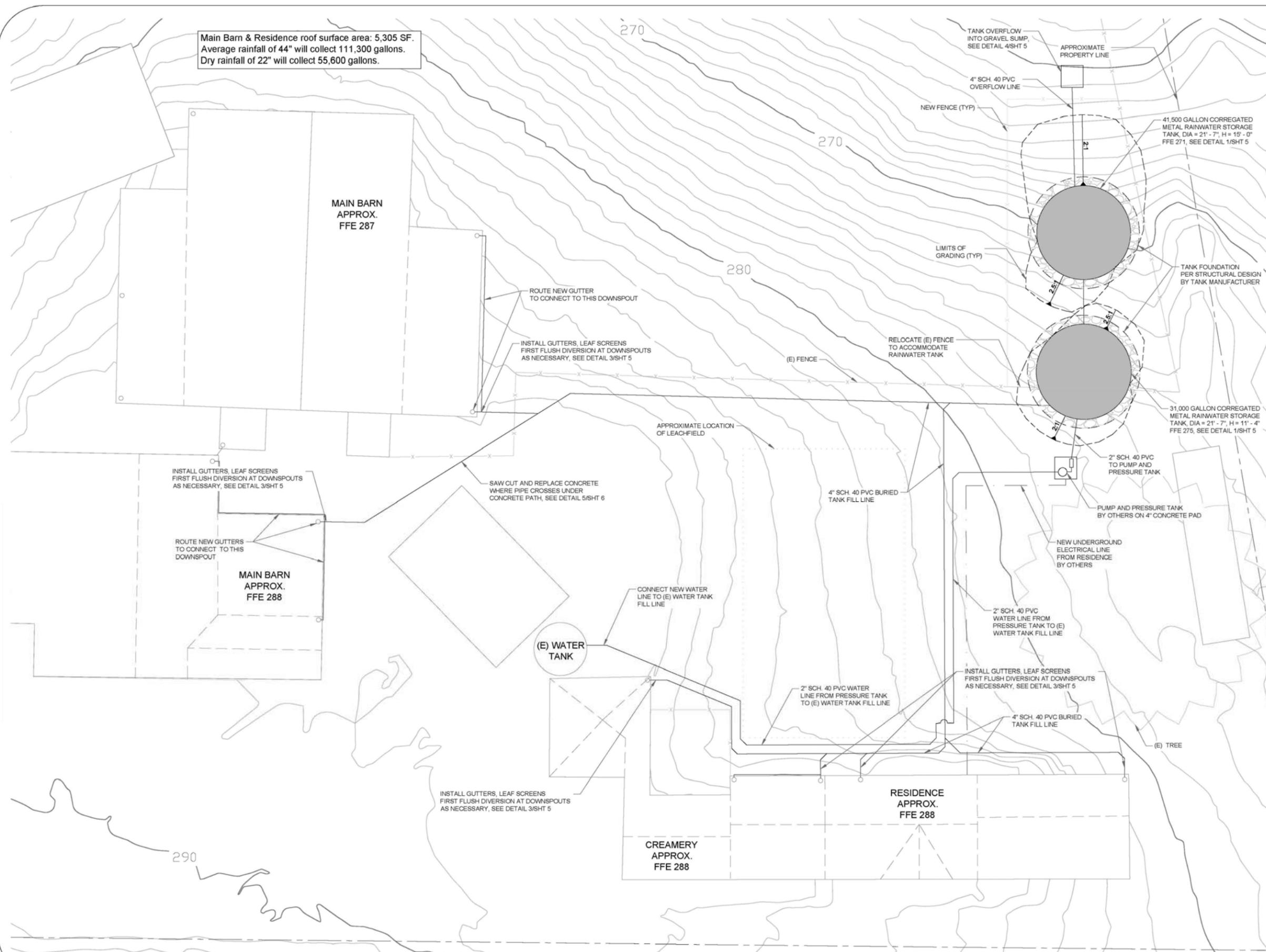
1	65% Construction Drawings	12/7/15
No.	Revision/Issue	Date



Project Name and Address
 Redwood Hill Farm & Creamery
 Rainwater Catchment System
 5480 Thomas Road
 Sebastopol, California

KID BARN PLAN		Sheet
Date	12/7/2015	3
Scale	AS NOTED	

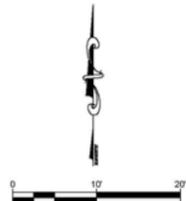
Exhibit 2: Project Site Maps and Designs



Main Barn & Residence roof surface area: 5,305 SF.
 Average rainfall of 44" will collect 111,300 gallons.
 Dry rainfall of 22" will collect 55,600 gallons.

General Notes

1. Contractor to confirm final tank location with owner and engineer.
2. Contractor to confirm tank overflow gravel sump location with owner and engineer.
3. Contractor to install erosion prevention measures to the maximum extent practical including: fiber rolls (see Detail 1/Sht 6), gravel check dams (see Detail 2/Sht 6), and drop inlet protection (see Detail 3/Sht 6).
4. Protect first flush diversion systems from goats. Coordinate with owner.
5. Install pipe per typical utility trench section per Detail 4/Sht 6.
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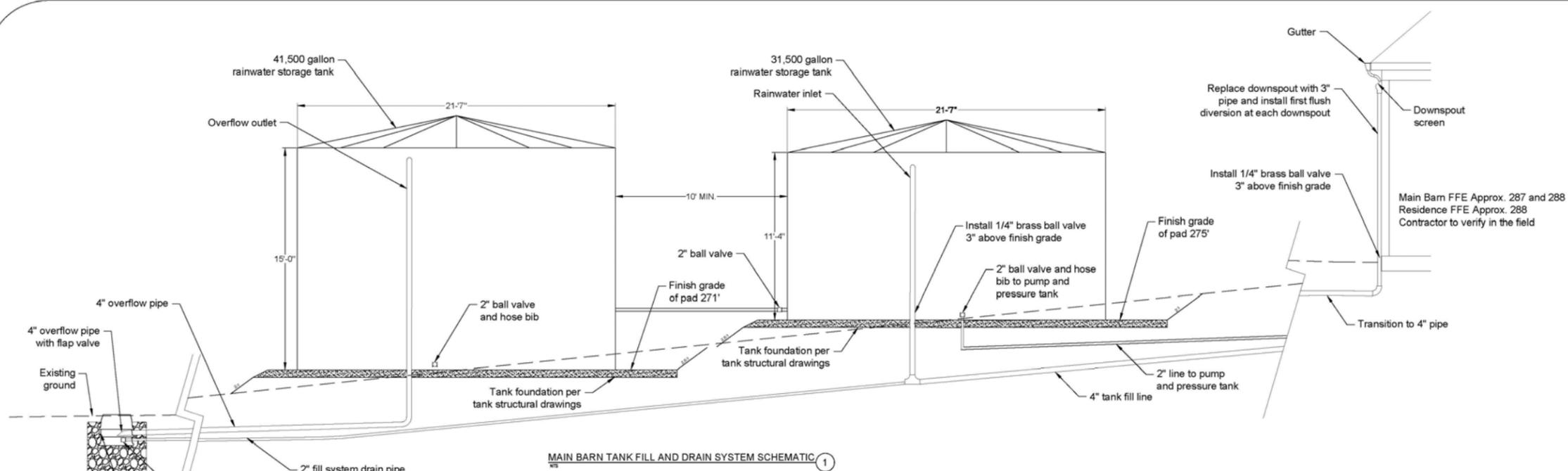
1	65% Construction Drawings	12/7/15
No.	Revision/Issue	Date



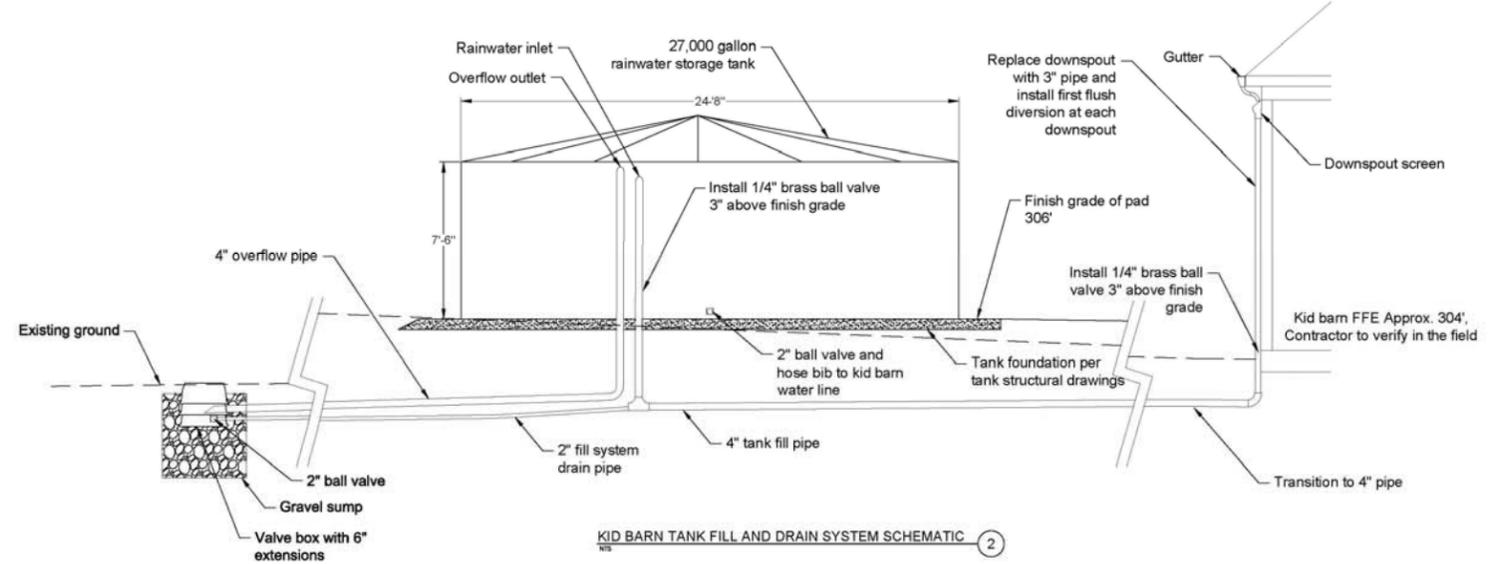
Project Name and Address
 Redwood Hill Farm & Creamery
 Rainwater Catchment System
 5480 Thomas Road
 Sebastopol, California

MAIN BARN PLAN		Sheet
Date	12/7/2015	4
Scale	AS NOTED	

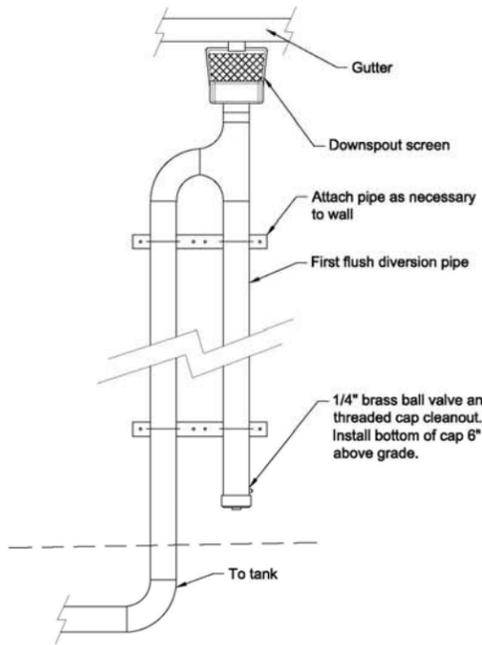
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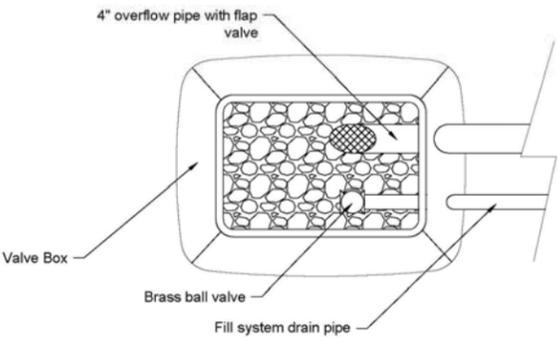
MAIN BARN TANK FILL AND DRAIN SYSTEM SCHEMATIC 1



KID BARN TANK FILL AND DRAIN SYSTEM SCHEMATIC 2



FIRST FLUSH DIVERSION 3



TANK OVERFLOW DETAIL 4

- Tank Fill System**
- Install first flush diversion and downspout screen as shown on plans and according to manufacturers' recommendations. Submit shop drawing showing attachment details as required by GRRCD representative.
 - All underground pipes shall have a minimum 18 inches of soil cover over top of pipe except where noted on plans. Backfill and compact soil in all trenches to finish grade.
 - Install tank fill pipes as shown on plans.
 - Drill, Tap, and install 1/4" brass ball valve on exposed fill pipes.
- Tank Overflow and Fill System Drain**
- Install tank overflow pipes as shown on plans.
 - Construct 4'x4'x3' deep gravel sump as shown on plans. Line bottom, sides, and top of gravel with filter fabric.
 - Install valve box over gravel sump. Set top of valve box 1 inch above finish grade. Install valves and a "Flap Valve" in valve box. Protect all openings to the valve box with galvanized gopher wire.
 - All underground pipes shall have a minimum 18 inches of soil cover over top of pipe except where noted on plans. Backfill and compact soil in all trenches to finish grade.

General Notes

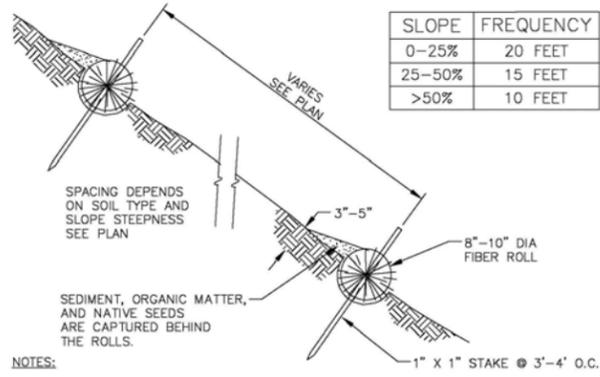
1	65% Construction Drawings	12/7/15
No.	Revision/Issue	Date

GOLD RIDGE
RESOURCE
CONSERVATION
DISTRICT

REGISTERED PROFESSIONAL ENGINEER
No. C 74851
Exp. 12-31-15
CIVIL
STATE OF CALIFORNIA

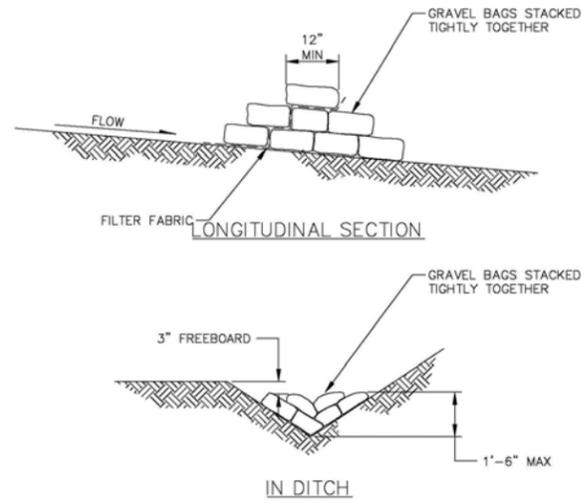
Project Name and Address
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Rainwater Catchment System
5480 Thomas Road
Sebastopol, California

DETAILS	Sheet
Date 12/7/2015	5
Scale AS NOTED	

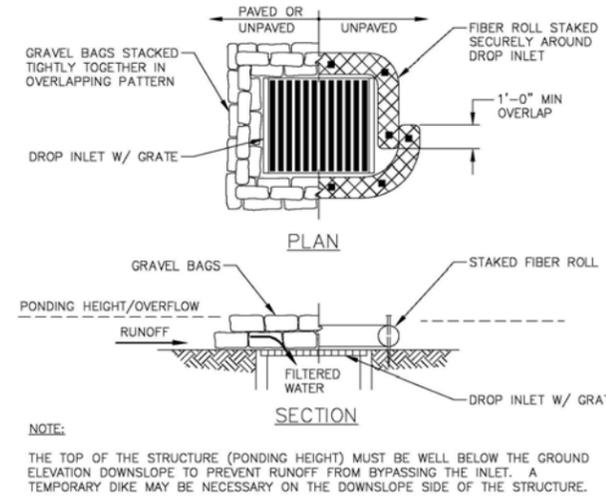


- NOTES:
1. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
 2. ENDS OF ADJACENT ROLLS SHALL OVERLAP 1" MINIMUM.
 3. FIBER ROLLS MUST BE PLACED ALONG SLOPE CONTOURS.
 4. EXPOSED SLOPES SHALL HAVE FIBER ROLLS INSTALLED ALONG THE TOE OF SLOPE, AT GRADE BREAKS, AND IN ACCORDANCE WITH THE TABLE ABOVE.
 5. FIBER ROLLS SHALL NOT BE PLACED ALONG THE TOP OF CUT SLOPES UPHILL OF THE GRADE BREAK.

FIBER ROLL DETAIL ①
NTS

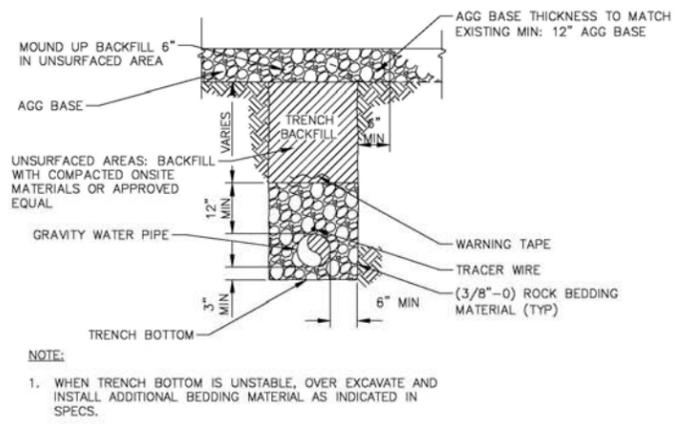


GRAVEL BAG CHECK DAM ②
NTS



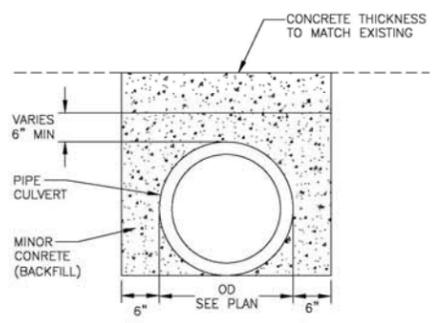
NOTE:
THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

DROP INLET PROTECTION ③
NTS



- NOTE:
1. WHEN TRENCH BOTTOM IS UNSTABLE, OVER EXCAVATE AND INSTALL ADDITIONAL BEDDING MATERIAL AS INDICATED IN SPECS.

TYPICAL UTILITY PIPE TRENCH SECTION ④
NTS



MINOR CONCRETE (BACKFILL) ⑤
NTS

General Notes

1	65% Construction Drawings	12/7/15
No.	Revision/Issue	Date

Project Name and Address

Redwood Hill Farm & Creamery
Rainwater Catchment System
5480 Thomas Road
Sebastopol, California

DETAILS	Sheet
Date	6
12/7/2015	
Scale	
AS NOTED	