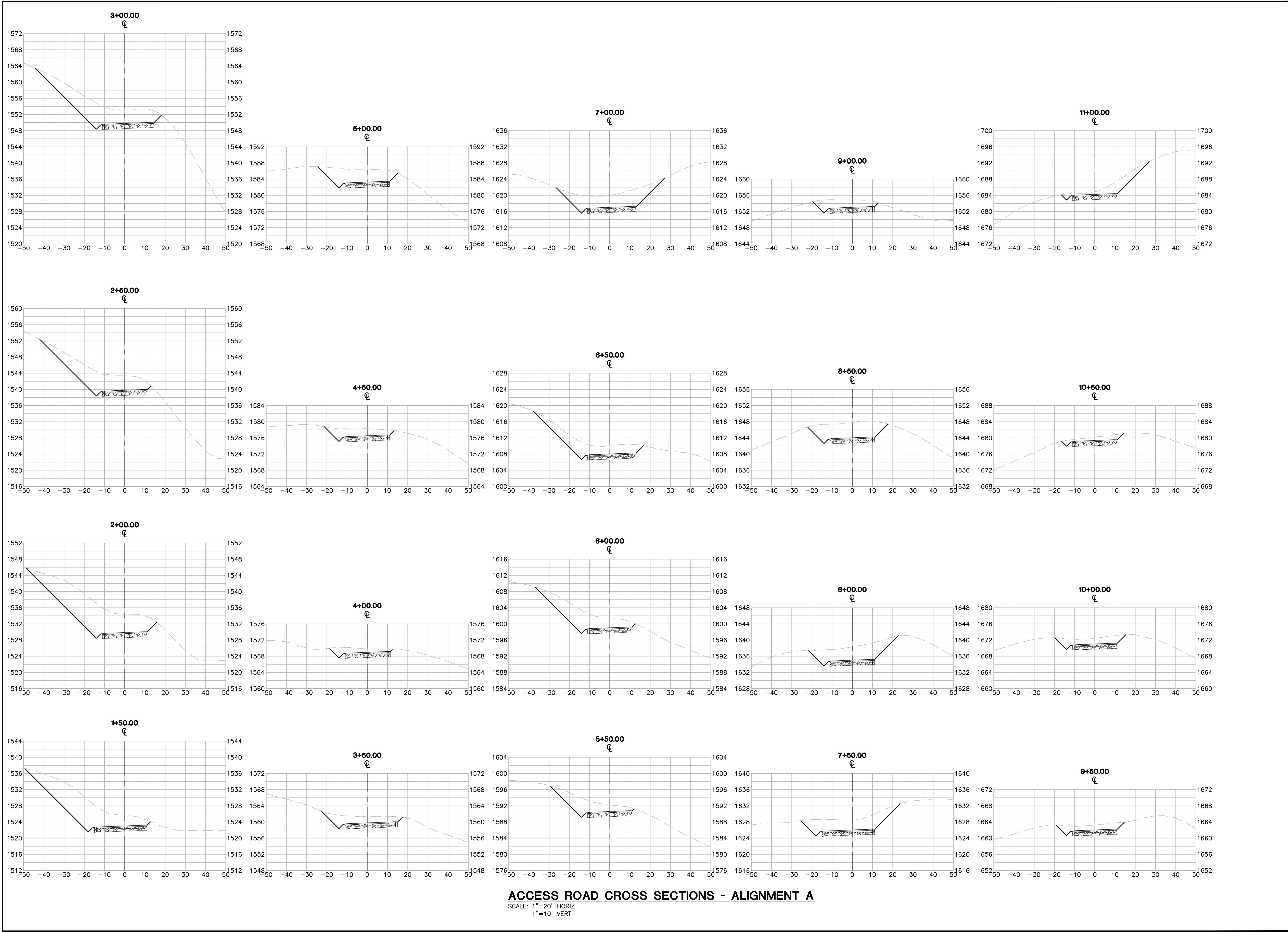
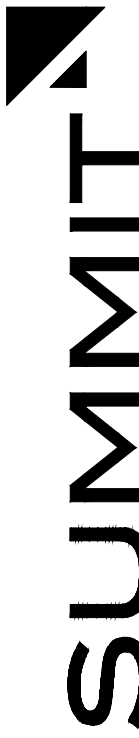


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ACCESS ROAD CROSS SECTIONS - ALIGNMENT A
SCALE: 1"=20' HORIZ
1"=10' VERT



SUMMIT
Engineering, Inc.
575 W College Ave., Suite 201 • Santa Rosa, CA 95401
707-527-0775 • www.summit-sr.com

LAKE COUNTY DEVELOPEMENT CO.
HIGHLAND SPRINGS ROAD
LAKEPORT, CA 95453
APN 007-043-01 & 04

HIGHLAND FARMS, LP - ACCESS ROAD

ACCESS ROAD CROSS SECTIONS

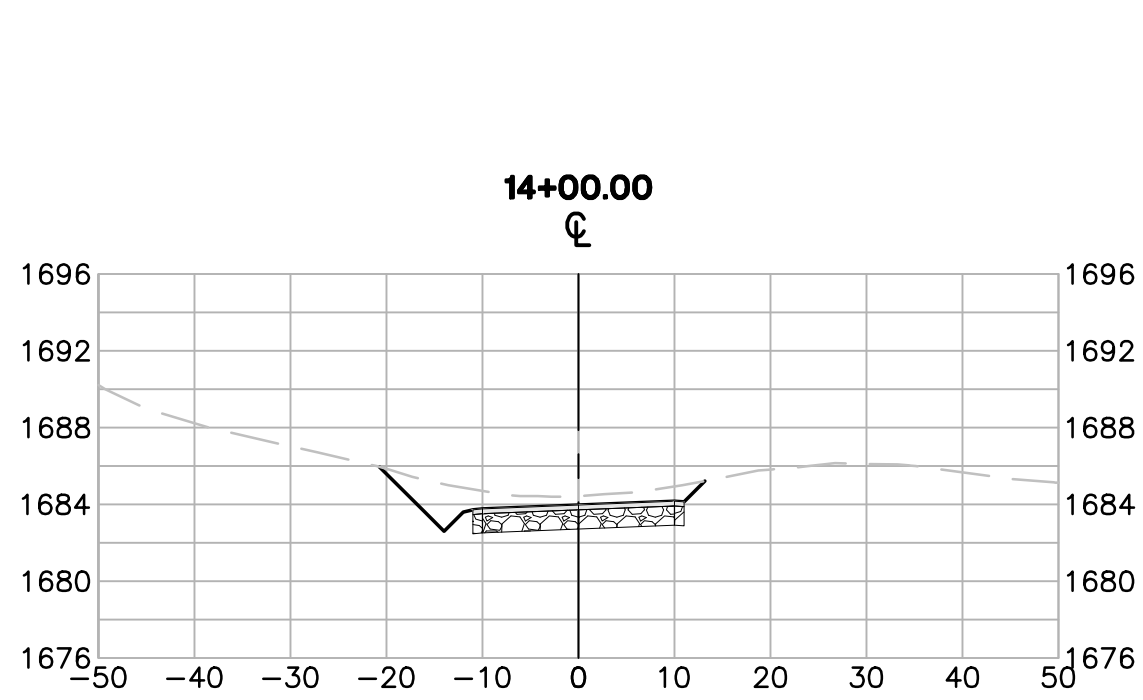
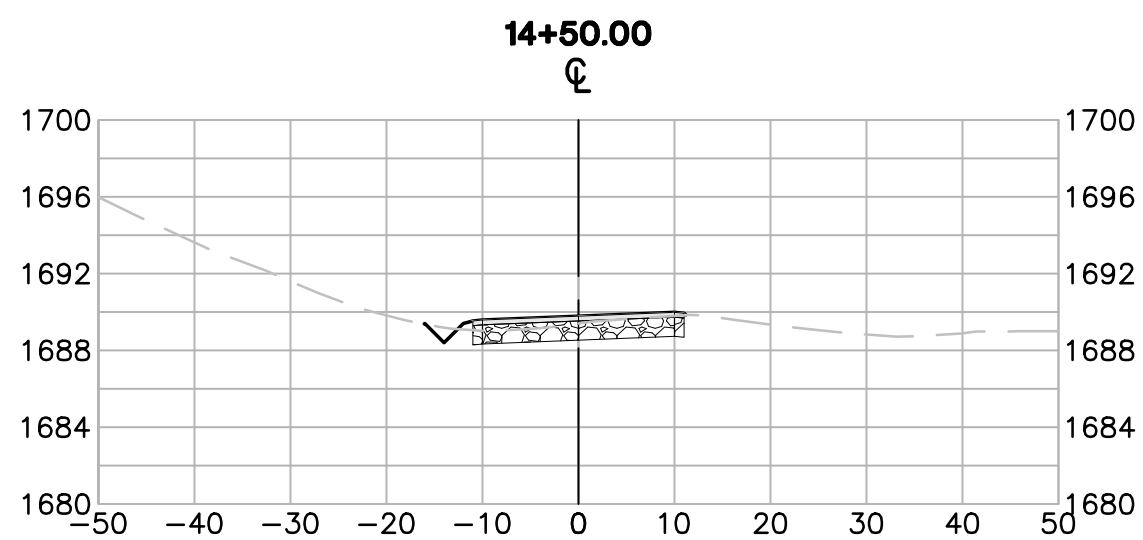
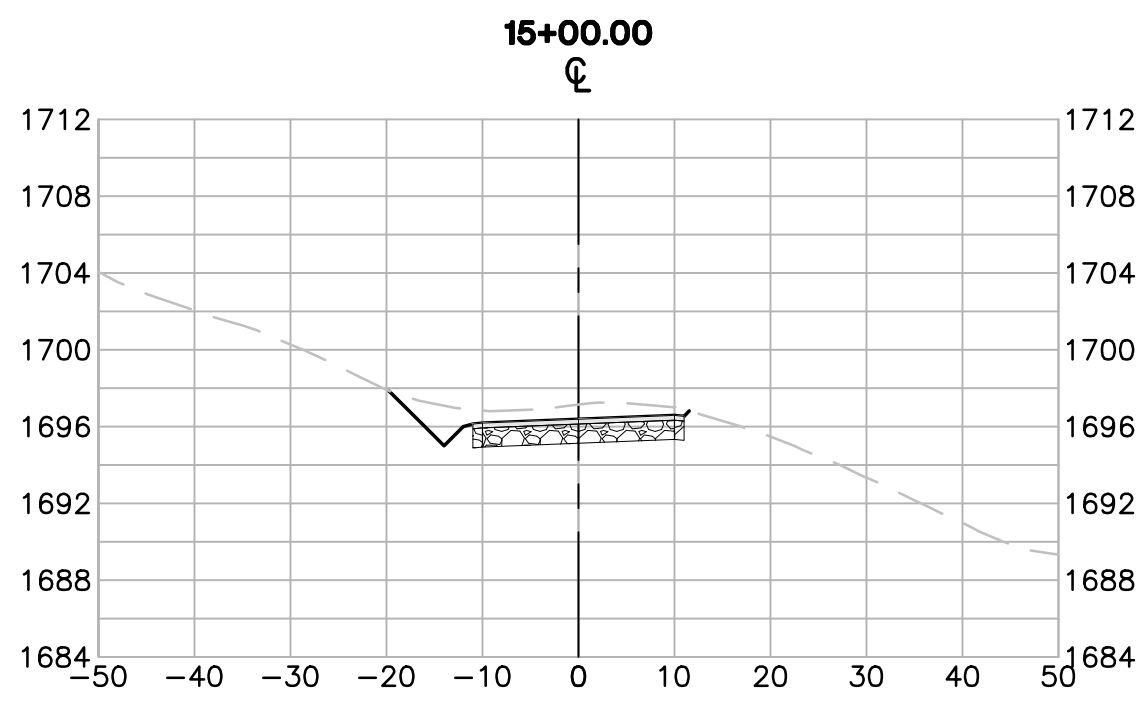
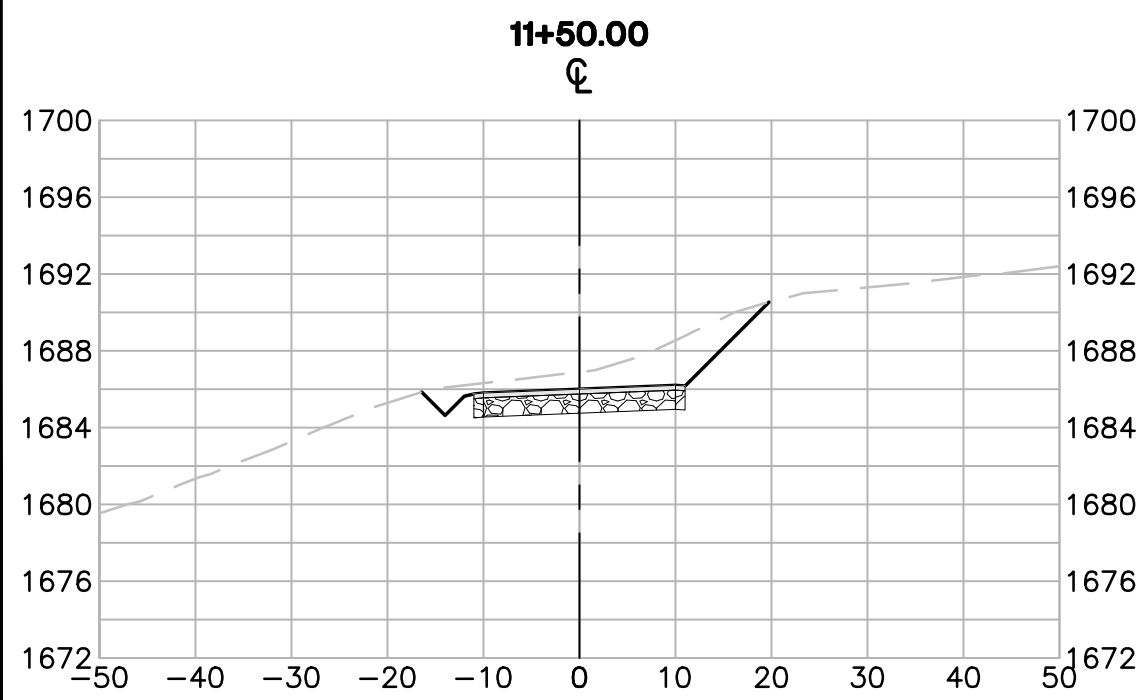
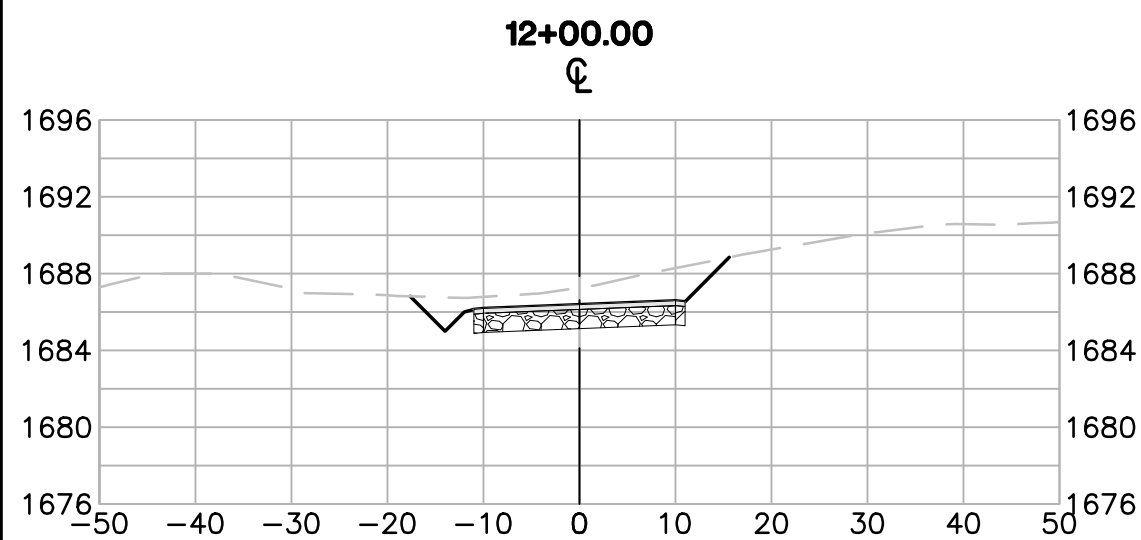
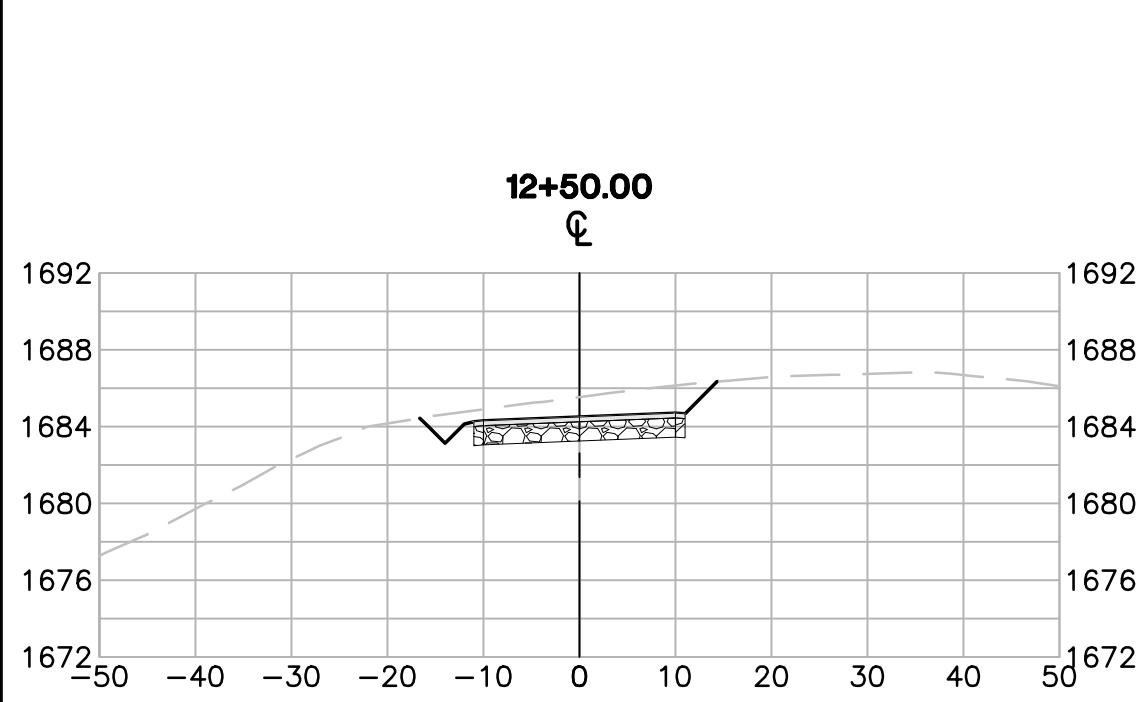
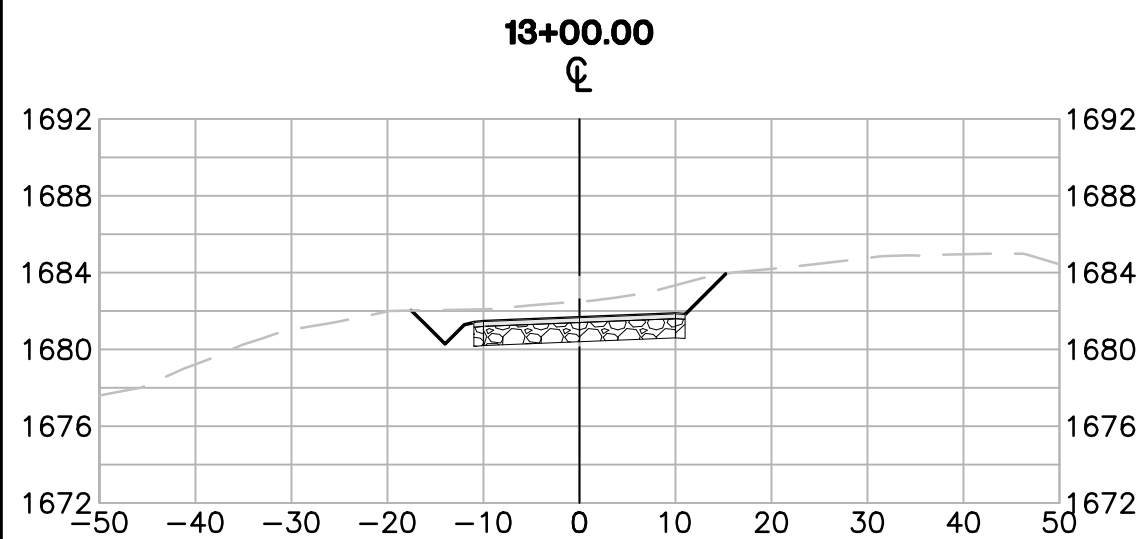
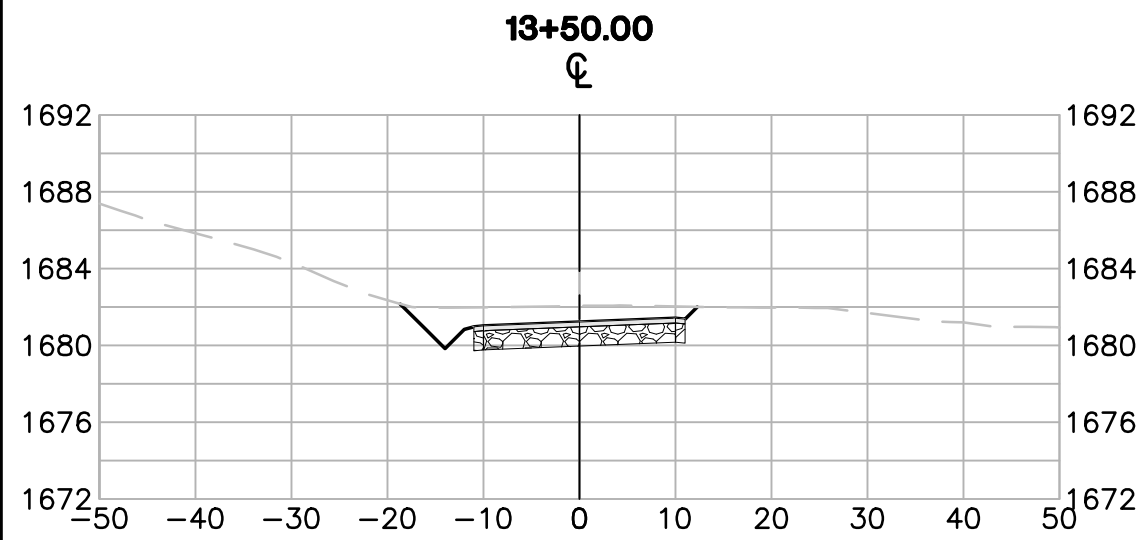
#	DATE	DESCRIPTION
X	xx/xx/xxxx	PERMIT SUBMITTAL

PRELIMINARY
NOT FOR CONSTRUCTION

JOB NO: 2021038
SCALE: AS SHOWN
DRAWN: TAF
CHECKED: JG
SHEET

C8.0
2 OF 4

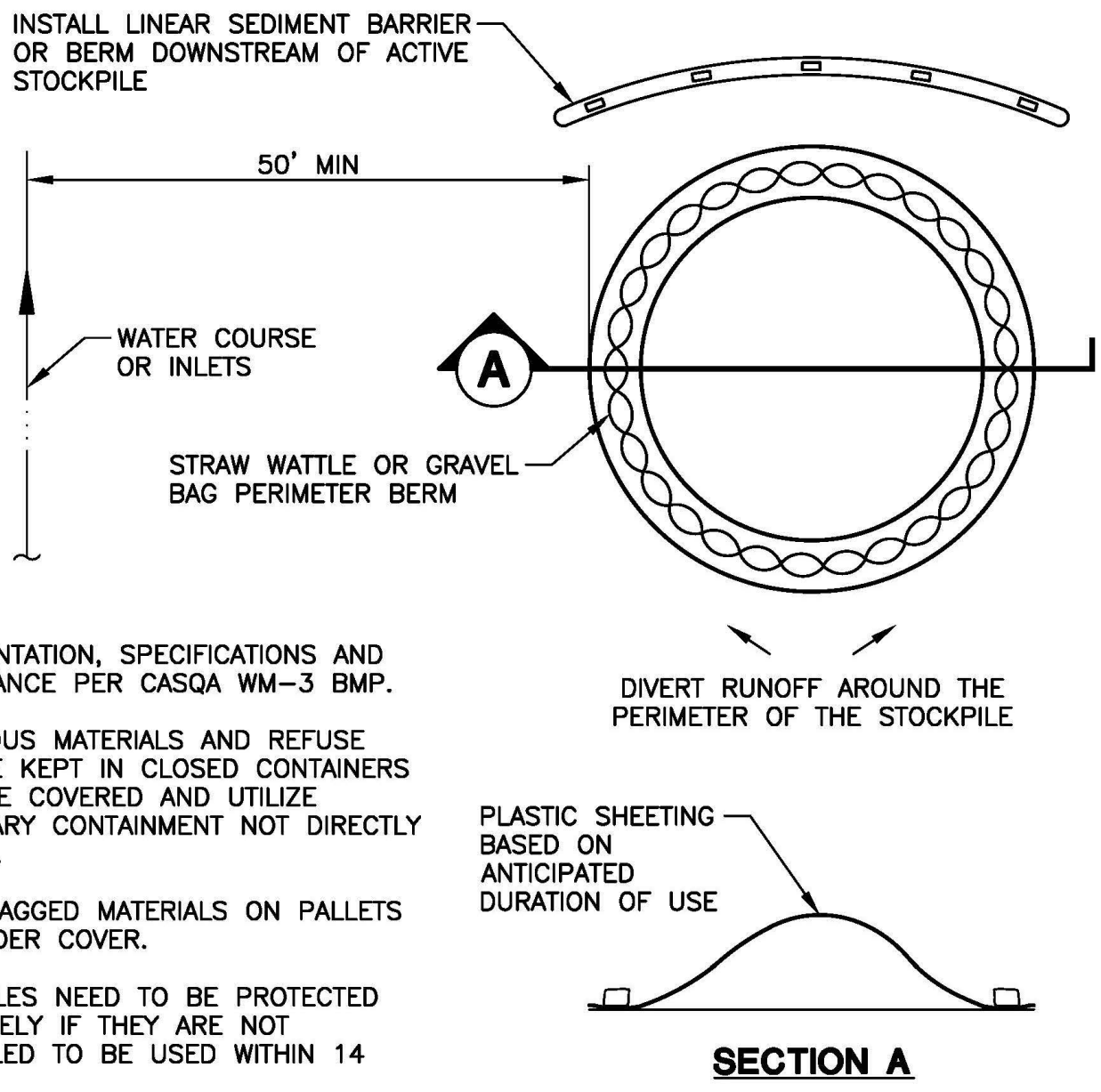
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ACCESS ROAD CROSS SECTIONS - ALIGNMENT A
SCALE: 1"=20' HORIZ
1"=10' VERT

HIGHLAND FARMS, LP - ACCESS ROAD	
ACCESS ROAD CROSS SECTIONS	
#	DATE
X	xx/xx/xxxx
PERMIT SUBMITTAL	

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NOTES:

1. IMPLEMENTATION, SPECIFICATIONS AND MAINTENANCE PER CASQA WM-3 BMP.
2. HAZARDOUS MATERIALS AND REFUSE MUST BE KEPT IN CLOSED CONTAINERS THAT ARE COVERED AND UTILIZE SECONDARY CONTAINMENT NOT DIRECTLY ON SOIL.
3. PLACE BAGGED MATERIALS ON PALLETS AND UNDER COVER.
4. STOCKPILES NEED TO BE PROTECTED IMMEDIATELY IF THEY ARE NOT SCHEDULED TO BE USED WITHIN 14 DAYS.

STOCKPILE BMP
NTS

ER025

1

DANGER
ASBESTOS DUST
HAZARD

CANCER AND
LUNG DISEASE HAZARD

AUTHORIZED
PERSONNEL
ONLY

Contact Name: _____
Phone #: _____

Minimum Sign Size 12" x 18"

08.12.2012

NOTES:

1. ASBESTOS HAZARD NOTICE POSTING TO BE CONSPICUOUSLY POST AND MAINTAIN NOTICE AT ENTRY TO REGULATED AREA.
2. POSTED SIGN SIZE WILL NOT BE LESS THAN 12" X 18".

ASBESTOS HAZARD SIGN
NTS

2

SPEED
LIMIT

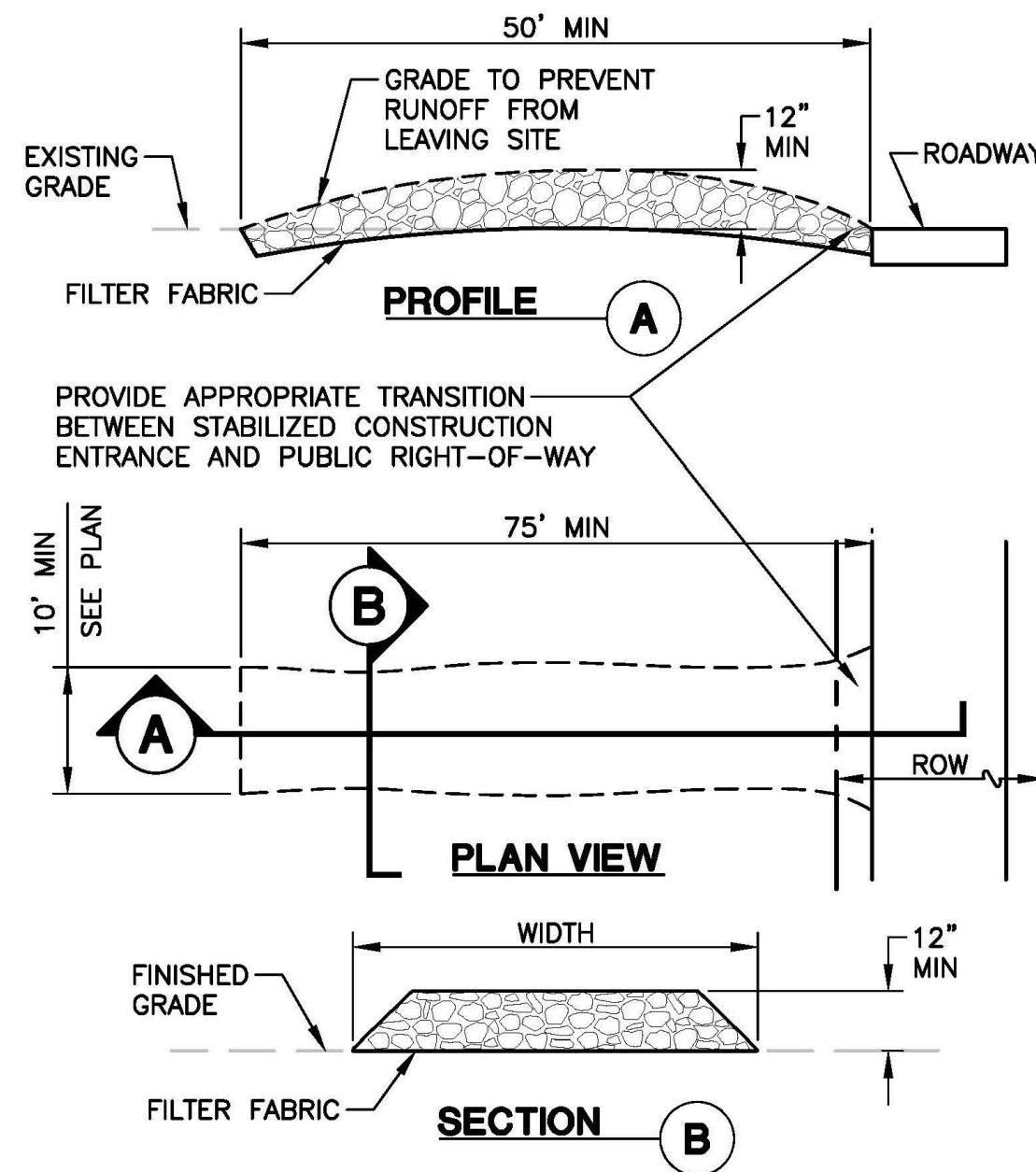
15

NOTES:

1. VEHICLE SPEED LIMIT OF 15 MPH ON EXPOSED SERPENTINE TO BE POSTED TO REDUCE FIBER RELEASES.
2. POSTED SIGN SIZE WILL NOT BE LESS THAN 12" X 18".

SPEED LIMIT SIGN
NTS

3



NOTES:

1. IMPLEMENTATION, SPECIFICATIONS AND MAINTENANCE PER CASQA BMP HANDBOOK STANDARD TC-1
2. STONE SIZE: 3"-6" CRUSHED ANGULAR AGGREGATE.
3. LENGTH: AS EFFECTIVE BUT NOT LESS THAN 50'.
4. THICKNESS: NOT LESS THAN 12"
5. WIDTH: AS REQUIRED TO ACCOMMODATE ANTICIPATED TRAFFIC.
6. WASHING: WHEN NECESSARY, VEHICLE WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE AND DRAINS INTO AN APPROVED TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
7. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. AS WELL AS REPAIR AND CLEAN OUT OF ANY MEASURE DEVICES USED TO TRAP SEDIMENT. ALL SEDIMENTS THAT ARE SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED WITHIN 24 HOURS.
8. DRAINAGE: ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

STABILIZED CONSTRUCTION ENTRANCE/EXIT
NTS

4

HIGHLAND FARMS, LP - ACCESS ROAD

DETAILS

#	DATE	DESCRIPTION
X	XX/XX/XXXX	PERMIT SUBMITTAL

PRELIMINARY
NOT FOR CONSTRUCTION

JOB NO: 2021038
SCALE: AS SHOWN
DRAWN: TAF
CHECKED: JG
SHEET

C9.0
4 OF 4

LAKE COUNTY DEVELOPEMENT CO.
HIGHLAND SPRINGS ROAD
LAKEPORT, CA 95453
APN 007-049-01 & 04

SUMMIT
Summit Engineering, Inc
575 W College Ave., Suite 201 • Santa Rosa, CA 95401
707-527-0775 • www.summit-sr.com

**LAKE COUNTY AIR QUALITY****MANAGEMENT DISTRICT**

2617 South Main Street

Lakeport, CA 95453

Phone: (707) 263-7000 / Fax: (707) 263-0421

Douglas G. Gearhart
Air Pollution Control Officer**SERPENTINE DUST CONTROL PLAN**

Submitted By: _____ Date: _____

Address: _____ City/State: _____ / _____

Phone #: _____ Fax #: _____ Pager/Cell #: _____

Property Owner: _____

Owner Address: _____ City/State: _____

Owner Phone: _____

Job Location: _____

Contractor Name: _____

Mail Address: _____ City/State: _____ / _____

Phone #: _____ Fax #: _____ Pager/Cell #: _____

Project Description: _____

Highland Farms, LP plans to developing parcels APN 007-006-34,35, and 40 for Cannibus cultivation in accordance UP-2096. Improvements to the existing driveway from Highland Springs Road is proposed, and which traverses a number of parcels to reach the project site. The initial approximately 500 linear feet of existing road is mapped on Lake County GIS AQMD layer (though not the SSURGO layer) as having potential for Serpentine Soil. The portion of the existing driveway that is mapped is within parcel 007-043-01 (the parcel containing Highland Spring Reservoir. The remaining portion of the driveway and the site improvement area are outside of the mapped areas. The proposed improvements within the potential mapped serpentine soil area includes: Improving road as needed to meet Public Resources Code (PRC) 4290

(Attach map and grading plan)

Amount of off site disposal: _____ yd³

Disposal Location: _____

This section will be either party owner at location: _____
Highland farms, or the is of property owner: _____
County.

City/State: _____ / _____

Form on page 6 will be needed if we transfer soil off of the property.

Phone #: _____ Fax #: _____

Serpentine Material Supply Notice Required? Yes ☐ No ☐ (Attach Copy)

Serpentine Dust Control Plan

All work performed in serpentine containing greater than 1% asbestos shall utilize adequate control measures to prevent visible dust at all times.

The following items will be implemented to control dust during work in regulated serpentine. Check all boxes that are planned to be implemented. Items marked with (*) are mandatory minimum requirements.

- ☐ 1. Pre-wet work area and immediately follow with fine spray application preferably on the immediate area being worked to eliminate visible dust to the extent possible.
- ☐ 2.* Perform work during wet season, when possible, during light rainfall
- ☐ 3.* Limit vehicle access to exposed serpentine surfaces with effective barrier(s). Describe type of barrier: _____
- ☐ 4.* Asbestos Hazard Notice Posting. Conspicuously post and maintain notice at entry to regulated area. Size not less than 12" x 18". Danger - Asbestos Dust Hazard, Cancer and Lung Disease Hazard, Authorized Personnel Only.
- ☐ 5.* Vehicle speed limit on exposed serpentine to reduce fiber releases.
Posted Speed Limit: ☐ 5 mph ☐ 10 mph ☐ Other: _____
- ☐ 6.* Cover serpentine surfaces exposed to vehicle travel with non-asbestos cover material. Describe cover material and depth of coverage:
Class 2 aggregate base, sub base, or select fill - 3" min to cover serpentine. All _____
surfacing material must have less than 0.25% asbestos. _____
- ☐ 7. Exposed Surface Stabilization: Maintain a high moisture condition of the disturbed surface or apply a "binder" material to seal loose fibers together and to the parent rock particle. Dust palliatives such as lignin sulfonate, magnesium chloride, pitch, rosin and polymer emulsions can be effectively utilized in a variety of applications. Describe Stabilization Method(s): _____
Moisture conditioning of disturbed surfaces during active earthwork and roadway areas to be covered with non-asbestos surfacing material as soon as practical.
- ☐ 8.* Material transfers or stockpiles of loose material should be kept adequately wet, sealed by a palliative or covered where conditions warrant.
- ☐ 9.* Material transfer requirements: Material must be wet. Transfers more than 1 mile must be tarped.
- ☐ 10.* Provide employee notification of potential health risk of airborne asbestos and the requirements of the asbestos dust mitigation plan. A copy of the notification, signed by the on site workers is to be provided to the District upon request.
- ☐ 11. Worker safety precautions and exposure monitoring should be considered but is not specifically required by District regulation. Other agency regulations (OSHA) are applicable. Results of worker monitoring tests are to be provided the District upon request.
- ☐ 12.* Site Access: Establish and maintain a minimum of 75 feet of track-out prevention surfacing at the entrance to the location. Materials tracked onto the public road shall be removed, as necessary, to prevent visible emissions.
- ☐ 13.* Avoid working when sustained wind speeds are greater than 10 mph unless adequate dust control can be maintained.

Fee: Contact the LCAQMD @ 707-263-7000 for the current fee schedule. Make check payable to the Lake County AQMD, and submit along with the notification.

I hereby acknowledge that I understand the requirements of the Lake County Air Quality Management District Serpentine Dust Control Regulation and will comply with the rule by implementing this control plan.

_____ Date: _____
Responsible Individual Name

=====

District Use Only

Plan submittal fee: Received: _____ Date: _____

By: _____ Receipt No. _____

Review By: _____ Review Date: _____

Approved By: _____ Approval Date: _____

Approved With Revisions: yes / no (Attach Revised Approval Letter)

**DANGER
ASBESTOS DUST
HAZARD**

**CANCER AND
LUNG DISEASE HAZARD**

**AUTHORIZED
PERSONNEL
ONLY**

Contact Name: _____
Phone #: _____

Minimum Sign Size 12" x 18"

Worker / Visitor - Asbestos Hazard Notification

This project is located on or near serpentine rock or soils. Regulated amounts of Asbestos are common in the serpentine areas of Lake County. This project is being constructed in compliance with the attached Serpentine Dust Control Plan. Dust control for this project is regulated by the Lake County Air Quality Management District. All workers will read and follow the requirements of the attached plan and certify their receipt of asbestos hazard training and understanding of the dust control measures to be utilized by signature.

The material on this site is known or presumed to contain asbestos in a concentration of greater than 1%. The release and breathing of asbestos fibers can be a health hazard to both the site workers and neighboring residents. It is important that asbestos fibers not be released to the air or carried off-site on clothing or vehicles and cause off site exposures.

The Primary Asbestos Diseases

Asbestosis - This disease occurs when asbestos fibers irritate and scar the air sacs in the lungs. This restricts the ability to transfer oxygen to the blood and results in breathing and heart problems. There is no treatment for asbestosis.

Mesothelioma - This disease is a cancer of the lining of the chest (pleural cavity) or abdominal cavity and is always fatal. Asbestos exposure is the only known cause of mesothelioma.

Cancers of the lung, stomach or colon - Those types of cancers may result from asbestos exposure. They have varying prognoses.

Most asbestos related disease have long latency periods. Symptoms may not appear for five to forty years.

Asbestos exposure and smoking are particularly dangerous. The risk of developing lung cancer is more than ninety times as great for people that smoke and are exposed to asbestos.

I have read and understand the asbestos hazard notice and the requirements of the serpentine dust control plan.

Name_____ Signature_____ Date_____

Safety Tips:

- 1) Asbestos causes problems primarily through the breathing of small fibers in the dust.
- 2) Asbestos fibers can be released by disturbing serpentine surfaces during digging, grading and traffic use.
- 3) Adequate watering, dust control treatments or the covering exposed serpentine surfaces can limit the release of asbestos fibers to the air.

Maintaining a clean work-site and following the serpentine dust control plan should minimize your exposure to asbestos fibers. **Report any observed problems to you supervisor immediately.** We can't change the fact that asbestos is present at this location, but we can effectively manage the hazards. **If you are not sure what to do, ASK!**

This will need to be
filled out if we transfer
soil, or offhaul.

Receipt Notice of Serpentine Material Supply

District Permit # _____

Any person who sells, supplies, or offers for sale serpentine material within the District, shall obtain a valid District Permit.

Name of Person Supplying Serpentine: _____

Mail Address of Supplier: _____

Notice/Supply Date: _____ / _____

Location Address of Serpentine Origin: _____

Amount of Serpentine Supplied: _____ (cubic yards or weight)

Serpentine Material Use: () Non-Surfacing () Surfacing

If used for surfacing, the supplier certifies that the material has been tested in accordance with Section 93106 California Code of Regulations and has been found to contain less than 0.25% asbestos.

Notice/Supplier: Name/Signature _____ / _____

WARNING

Serpentine material may contain Asbestos. Asbestos is known to cause cancer. Extreme care should be taken when handling this material to minimize the generation of dust.

It is unlawful to use serpentine material for surfacing or any application in which it would remain exposed and subject to possible disturbance unless the material has been tested and found to contain less than or equal to one quarter percent (0.25%) asbestos. All test for asbestos content must use California Air Resources Board Test Method 435, and a written record documenting the test result(s) must be retained for at least seven years if the material is used for surfacing.

I acknowledge receipt of this notice for the amount and use of the serpentine material shown above. I certify that I have a LCAQMD Approved Serpentine Dust Mitigation Plan on file with the District and will comply with local and state requirements.

Name: _____ Date: _____

Recipient Phone # _____

Recipient Mail Address _____

Location/Address of Serpentine Use: _____

*Received By: _____

****Each person receiving the serpentine material must acknowledge that they have received the above statement.***

Asbestos Inspectors, Consultants, and Laboratories

This listing of persons, firms or service providers should not be considered an endorsement of acknowledgement of the acceptability of the work or services provided. The above list is information only and the user is cautioned to examine the credentials of any contractor, person, firm or service provided prior to entering into a contractual agreement.

** Geologists/Consultants ** CARB Method 435 bulk soils asbestos analysis*

Juan Hidalgo *
RGH Geotechnical &
Environmental Consultants
468 Yolanda Ave., Suite 204
Santa Rosa, CA 95404
544-1072

Montgomery Laboratories
555 East Walnut St.
Pasadena, CA 911011
818-796-9141

George Rau *
Geotechnical Consultant
Rau & Associates
100 N. Pine
Ukiah, CA 95482
462-6536

Steve Wilbur, Lab Supervisor
AccuLab/Environmental Services
3700 Lakeville Hwy
Petaluma, CA 94952
763-8245

David Sandusky **
Forensic Analytical Spec., Inc.
3777 Depot Road, Suite 409
Hayward, CA 94545-2761
510-887-8828

Chris Kirschenheuter
Bluewater Env. Services Inc.
727 77th Avenue
Oakland, CA 94621
510-638-8384

Jerrie Waltz
E.R. Adams, Inc.
2370 Rickenbacker Way
Auburn, CA 95603
916 885-8504

Terrence Bennett, Bus. Manager
Precision Micro-Analysis
5685-A Power Inn Rd.
Sacramento, CA 95824
916-381-0695

Ralph Hagdorn
D. Young Construction
P.O. Box 195
Lucerne, CA 95458
274-2400

Peter Almondinger *
Gemini Petrographic
1516 Grant Ave
Novato, CA 94947
800-655-9016

Jim Winters *
Winzler & Kelly, Engineers
495 Tesconi Circle
P.O. Box 6598
Santa Rosa, CA 95406
523-1010

BACE Geotechnical *
761 S. State St.
Ukiah, CA 95482
462-5280

Mark Bailey **
Asbestos TEM Laboratories, Inc.
630 Bancroft Way
Berkeley, CA 94710
510-704-8930

Richard Bazzano Construction
395 Perkins St.
Ukiah, CA 95482
468-4626

Neil A. Thomsen *
Engineering Geologist
Thomsen Consulting Engineers
1760 Merritt Rd.
Lakeport, CA 95453
263-8303

J.A. Townsley Co. *
400 Tamal Plaza, Suite 404
Corte Madera, CA 94925
415-924-3566

Greg Arnold *
GeoPacific
4373 Hessel Ct.
Sebastopol, CA 95472
829-8009

Dick Davis
CalTech Environmental Inc.
727 Azalea St.
Napa, CA 94558
800-273-9992

James A. Richards **
MACS Lab, Inc.
2070 A Walsh Ave.
Santa Clara, CA. 95050
408-727-9727

H. Bergland
W & E Asbestos Abatement Inc.
1291 Talmage Rd.
Ukiah, CA
463-4812

Michael Edwards *
Senior Industrial Hygienist
Sensible Solutions
1125-B Arnold Dr., Suite 278
Martinez, CA 94553
925-370-9737

Nick Rottunda
SAIL
4224 Campus Pt. Ct., Suite 100
San Diego, CA. 92121
619-535-7418

Terry Sackett
PW Stephens Contractors Inc.
500 Giuseppe Ct., Suite #6
Roseville, CA 95678
916-782-2204

Frank Raviola, Technical Sup. **
Micro Analytical Laboratories, Inc.
5900 Hollis St., Suite M
Emeryville, CA 94608-2008
510-653-0824

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** Geologists/Consultants*

*** CARB Method 435 bulk soils asbestos analysis*

Ken Anton *

Anton Geological

877-3278

HazMat Solutions, Inc.

1113 First Street

Novato, CA 94945

415-897-1234

Tommy Conlon

ASBESTECH

6825 Fair Oaks Blvd., Suite 103

Carmichael, CA 95608

916-481-8902

Ralph Curran *

2137 Stonfield Lane

Santa Rosa, CA 95403

525-0337

Sidhu Harkamaljit **

EMSL Analytical, Inc.

2235 Polvorosa Ave. Suite 230

San Leandro, CA 94577

888-455-3675

Paul Brophy *

EGS Inc.

725 Farmers Lane, Suite 8

Santa Rosa, CA 95405

707-544-0955

Gregory J. Reller, R.G. *

Geologist

Tetra Tech EM Inc.

10670 White Rock Rd. Suite 100

Rancho Cordova, CA 95670

916-853-4531

Mike Maladzhikyan

Western Analytical Laboratory, Inc.

12734 Branford St., Unit #19

Arleta, CA 91331

818-899-0949

Burt Olhiser, Principal *

Vantage Point Consulting

P.O. Box 1112

Middletown, CA 95461

987-1977

Sean Fitzgerald **

RJ Lee Group, Inc.

530 McCormick St.

San Leandro, CA 94577

510-567-0480

Greta Galoustian

Los Angeles Unified School Dist.

BSC Annex

1449 So. San Pedro Street

Los Angeles, CA 90015

213-745-1138

Keith Westlake, Owner

Westlake Environmental Contractors

PO Box 3950

Clearlake, CA 95422

707-291-9115

Marvin Snap *

SI Consulting

#11 Clotilda Ct.

Mill Valley, CA 94941

415-389-5943

Kevin Smith

KSL

505-1 S. Hwy 49, #101

Jackson, CA 95642

209-286-1822

Will Davis

Env. Health & Safety Services

422 South Main Street

Lakeport, CA 95453

262-0554

Arturo Casas

Hygeia Laboratories Inc.

82 W. Sierra Madre Blvd.

Sierra Madre, CA 91024-2434

626-355-4711

Benchmark Property Inspections

206 Walsh Ave., Suite C-2

Santa Clara, CA 95050

408-982-9607

Bernadine M. Kolk **

EMS Laboratories, Inc.

117 West Bellevue Dr.

Pasadena, CA 91105-2503

626-568-4065

Joe Nixt

Systems Abatement

P.O. Box 1207

Anderson, CA 96007

530-945-4215

Clifton J. Kiser

AmeriSci Los Angeles

24416 South Main St., Suite 308

Carson, CA 90745

310-834-4868