

VOLUME 4 – PROJECT SPECIFIC INFORMATION (INFORMAL BID)



1740 – Claybank Security Fence-EASEMENT IMPROVEMENT

2500 Claybank Road, Fairfield, CA 94533

BID SET
(10/14/2022)

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PREPARED BY:

GENERAL SERVICES DEPARTMENT
Capital Projects Management Division
675 Texas Street, Suite 2500, Fairfield, California



SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. Work required to be performed by the Contractor:

Claybank Security Fence-EASEMENT IMPROVEMENT at
2500 Claybank Road, Fairfield, CA 94533

In conformity with the Scope, Drawings and Specifications, the Agreement Between Owner and Contractor, including the General and Supplementary Conditions and other Division 1 Specification Sections, hereinafter identified as applied to this Project; including furnishing all material, labor, tools, equipment and services necessary therefore and incidental thereto, complete and available for intended use.

1.02 PROJECT DESCRIPTION and ADDITIONAL REQUIREMENT

- A. Project Description:

1. Contractor to grub 18,000 square feet of weeds and natural growth (contractor to verify).
2. Contractor to off haul grub waste weeds and natural growth (contractor to verify).
3. Contractor to grade 2 percent from chain link fence to CMU (concrete masonry unit).
4. Contractor to grade 2 percent to drain East and North West from highest peak (crown).
5. Contractor to compact existing dirt to 90% compaction.
6. Contractor to provide 18,000 square feet of pre-emergent Ronstar G Herbicide or equal (contractor to verify).
7. Contractor to provide a water buffalo tank to spray water over the Ronstar G to activate the herbicide or equal.
8. Contractor is responsible to get a water meter from City of Fairfield for water needed to activate the herbicide.
9. Contractor to provide 18,000 square feet of Vevor Driveway Fabric Stabilization Geotextile Fabric/Weed Control 13' x 108' Underlayment Black or equal (contractor to verify).
10. Contractor to provide 18,000 square feet x 4 inch deep of $\frac{3}{4}$ inch agg base rock (contractor to verify).
11. Contractor to compact $\frac{3}{4}$ inch agg base rock to 90% compaction.
12. Contractor to provide 20 inch deep x 250 linear feet of French drain. (contractor to verify)
13. Contractor to provide 12 inch x 12 inch traffic rated pre-cast concrete drain inlet.
14. Contractor to relocate temporary farm fencing to County Animal Care.
15. Contractor to provide 4 steel trench plates with crush rock for truck access and protection of drain inlet.
16. Contractor to demo existing 20 feet chain link fence and gate. At the end of project install new 20 feet chain link fence and gate to match existing.



(Informal Bid)

- B. Alternate:
 - 1. Add Alternate 1 Provide 1,100 linear feet of bender board. (contractor to verify quantity)
 - 2. Add Alternate 2 Provide 1,100 linear feet of mow band. (contractor to verify quantity)
- C. Unit Pricing:
 - 1. Provide pricing for 10 CY (cubic yard) of $\frac{3}{4}$ agg base rock.
 - 2. Provide pricing for 100 SF (square feet) of geotextile/weed control fabric.
 - 3. Provide pricing for 100 SF of grubbing, compacting, grading, herbicide, & water buffalo.

1.03 LOCATION OF SITE

- A. The site of the work is on County property located at 2500 Claybank Road, Fairfield, CA 94533.

1.04 DRAWINGS AND SPECIFICATIONS

- A. The Specifications are those documents bound in the Project Manual and enumerated in the Table of Contents (Volumes 1-4), including General Conditions of the Contract for Construction, and Supplementary Conditions.
- B. For clarification: the documents released for bid are comprised of the drawings and specifications identified as "Issued for Bid" dated 10/14/2022.

1.05 PROJECTED CONSTRUCTION SCHEDULE

- A. Construction is scheduled for substantial completion within 156 calendar days from the Notice of Proceed, as stated in Section 00 41 00 – Bid Form and Section 00 52 00 – Agreement Construction Schedule (estimated dates): between Owner and Contractor.
- B. Estimated Critical Milestones of Construction Schedule:

.1	12-13-2022	Contract Execution Date Board Date
.2	12-21-2022	Issue Notice to Proceed
.3	01-18-2023	Construction (Mobilization) Start Date
.4	03-20-2023	Complete Submittal Review
.5	04-20-2023	Substantial Completion
.6	05-18-2023	Final Completion
.7	06-13-2023	Notice of Completion Filed Board Date
.8	06-13-2025	Guarantee/Warranty and Warranty Bond Expiration Date

1.06 INTERRUPTION OF SERVICES

- A. Contractor shall make provisions to accomplish the work of this Contract without undue interference with the County and Court operations. Interruptions to services for the purpose of making or breaking connection shall be made only after consultation with the County a minimum of ten (10) working days in advance of connection break and shall be at such time and of such duration as may be directed. Contractor shall coordinate utility shutdowns for after-hours work.
- B. Work in other occupied spaces shall have minimal duration and to occur after hours to not interfere with operations.
- C. In addition, existing sewer, water, electrical, mechanical, and telephone/data lines disconnected for Work of this Contract shall not remain disconnected for more than 4 hours. If these utilities cannot be restored within the 4-hour period. Contractor



(Informal Bid)

shall provide temporary utility service to restore required utility at Contractor's expense. Electrical and fire sprinkler disruption needs to occur on non-public hours.

1.08 SEQUENCE OF CONSTRUCTION OPERATIONS

- A. The Work will be conducted according to the Contractor's Construction Schedule accepted by the County.
- B. Before starting construction operations, Contractor shall confer with the County to review sequence of construction.
- C. The County desires to have the sequence of Work on-site in a manner to allow normal County and Court operations to continue and function for its intended purpose. The existing operations cannot be interrupted to cause impact on the day-to-day operations of the County and Court. The County does not want to dictate the 'means and methods' of the Contractor however there are operational issues that will need to be addressed.
- D. Contractor shall prepare schedules and include the sequencing of the Work as described on the Drawings and Specifications.
- E. Contractor shall coordinate erection of walls, steel framing, wall framing, wall panels, windows, partitions or other space enclosure with requirements of others for moving large pieces of equipment into building or outside the building or into room to be enclosed. Contractor shall consult with the Project Manager as to the necessity for deferring erection of such enclosures and shall deliver to the County a schedule of such deferments and reasons therefore. Cost of deferring construction shall be borne by Contractor.

1.09 HOURS OF WORK

- A. The Contractor shall perform Work of this Contract on normal workdays and within the work hours of 7:00 a.m. to 5:00 p.m. The Contractor will be required to do any utility shutdowns.
- B. Work after hours and on Saturdays, Sundays and holidays is permitted as long as approval is received from the County at least 10 working days in advance.

1.10 SITE CONDITIONS AND REQUIREMENTS

- A. Contractor shall keep drainage facilities, walks, and paved areas clean and free of mud and dirt, obstacles, etc. so that normal drainage and pedestrian and vehicular travel may be maintained.
- B. Contractor shall be responsible for restoring each area used back to the original condition.
- C. Do not use landscaped area(s) for work operations or storage unless area has been approved for use by the Project Manager. Contractor shall return area to original condition when work is completed.
- D. Contractor shall take pre-condition photos for the project conditions prior to start of the project of any existing damage to the building and submit to Solano County as part of the requirements of the contractors first pay application.

1.11 WORK UNDER OTHER CONTRACTS

- A. Coordination with other contractors will be handled through the Project Manager. The Contractor will participate in all coordination meetings between contractors and will work cooperatively to accommodate the needs of other contractors without



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increasing the costs to the County. The Project Manager will set up said meetings and the number of meetings will be at the discretion of the Project Manager.

1.12 CONTRACTOR USE OF PREMISES

- A. General: During the construction period the Contractor shall have full use of the designated Project area for construction operations, including use of the site. The Contractor's use of the premises is limited only by the County's right to perform construction operations with its own forces or to employ separate contractors on portions of the Project.
1. Confine operations to areas in within Contract limits indicated including staging area and parking zone. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
 2. Keep driveways and entrances serving the premises clear and available to the County and Court at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
 3. Repair and replace damaged existing construction to remain such as curbs, parking lot paving, roadways, site vegetation and utilities.
 4. Contractor to use easement between chain link fence and CMU wall for Contractor's laydown/staging area. Contractors can park personal vehicles in designated contactor parking areas. See attached SITE UTILIZATION PLAN.

1.13 MISCELLANEOUS PROVISIONS

- A. Project Completion Requirements:
1. Before final acceptance, inspect, test and adjust performance of every system or facility of the Work to ensure that overall performance is in compliance with the contract documents.
 2. No later than 1 year and 11 months after the Notice of Completion, and after County and Court use of the Project, return and again inspect, test and adjust the work. Measure performance relative to terms of the acceptance test performed at the end of the job and demonstrate and record compliance. See Section 00 72 00 – General Conditions of the Contract for Construction, for details and more information.
 3. Submit a report of results to the County and Project Manager.
 4. Instruct the County's operating personnel on operational requirements needed to maintain compliance.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00



Project 1740 - Claybank Security Fence - EASEMENT IMPROVEMENT SCOPE



- Legend**
- County Boundaries
 - City Boundaries
 - Parcel
 - Levees
 - Watersheds
 - Lakes and Reservoirs
 - Water Areas
 - Water Lines

1: 2,257



0.1 0 0.04 0.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere

Date:

Disclaimer: This map was made using Solano County GIS files with varying degrees of scale, accuracy, precision, currentness, and alignment and therefore cannot be used for situations requiring survey grade measurement or legal boundary determination. Solano County disclaims liability for any loss that may result from the use of this map. User acknowledges data limitations and accepts responsibility for map based judgments.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

Solano County GIS Services DoIT 675 Texas St., Suite 3700, CA 94533. Phone: (707)784-6340.

Project 1740 - Claybank Security Fence - EASEMENT IMPROVEMENT

SCOPE OF WORK:

- Grub 18,000 square feet of weeds and natural growth. (contractor to field verify quantity)
- Contractor to off haul Grub waste weeds and natural growth. (contractor to field verify quantity)
- Grade 2 percent from chain link fence to the CMU
- Grade 2 percent to drain East and North West from highest peak (crown)
- Compact dirt to 90% compaction
- Provide 18,000 square feet of pre-emergent Ronstar G (granular) Herbicide or equal. (contractor to field verify quantity)
- Herbicide shall be applied to the 18,000 square feet of dirt
- Provide a water buffalo tank to spray water over the Ronstar G to activate the Herbicide.
- Contractor is responsible for getting a water meter from the City of Fairfield for water needed to activate the Herbicide
- Provide 18,000 square feet of Velvor Driveway Fabric Stabilization Geotextile Fabric/Weed Control 13'x108' Underlayment Black or equal. (contractor to field verify quantity)
- Provide 18,000 square feet x 4 inch deep 3/4 inch Agg Base Rock. (contractor to field verify quantity)
- Contractor to compact 3/4 Agg Base Rock to 90% compaction.
- Provide 20 inch deep x 250 linear feet of French drain. (contractor to field verify quantity)
- Provide 12 inch x 12 inch traffic rated pre-cast concrete storm drain inlet.
- Move and relocate farm fencing to County Animal Care.
- Install 14 Feet Double Gate to match existing.

ADD Alternate:

- Provide 1,100 linear feet of Bender Board or equal. (contractor to field verify quantity)
- Provide 1,100 linear feet of mow band curb or equal. (contractor to field verify quantity)

Grub 18,000 SF of weeds and natural growth (contractor to field verify quantity)





Grub 18,000 square feet between chain link fence and CMU Wall.



Contractor to off hall all Grub waste and an acceptable landfill.

2 percent slope minimum from chain link fence and CMU Wall to Center of easement



Grade 2 percent to drain from Peak to East Low Point and from Peak to North West Low Point or no bird bath/ponding of water.



Grade 2 percent to drain from Peak to East Low Point and from Peak to North West Low Point or no bird bath/ponding of water.



Compact Dirt to 90 % compaction




Provide and treat 18,000 square feet of Ronstar G (granular) Pre-Emergent or equal. (contractor to field verify the quantity)
Contractor is to provide a water buffalo trailer with water to help granules activate the herbicide.
Solano County will not provide water to contractor.

amazon Hello Select your address Garden & Outdoor

All Back to School Off to College Best Sellers Amazon Basics Customer Service New Releases Today's Deals Prime Music Books Pharmacy Registry Kindle Books Amazon Ho


Amazon Home Shop by Room Discover Shop by Style Home Décor Furniture Kitchen & Dining Bed & Bath

Patio, Lawn & Garden › Gardening & Lawn Care › Weed & Moss Control › Weed Killers




Roundup Max Control 365 Ready-to-Use Refill for Comfort...

★★★★★ 1,188
\$32.97 ✓prime



Roll over image to zoom in



Share

Ronstar G Selective Herbicide 50lb Bag

Brand: RonStar

★★★★☆ 19 ratings


\$190⁹⁵

Get \$50 off instantly: Pay \$140.95 upon approval for the Amazon Rewards Visa Card.

Brand	RonStar
Item Weight	50.75 Pounds
Item Form	Granules

About this item

- Can be used for long residual pre-emergent weed control
- Easy to spread granual
- Can be used on established perennial turf



Navigate A Selective Herbicide, 50 lbs,

★★★★☆ 90

\$289.99 ✓prime

Sponsored ⓘ

Provide 18,000 square feet of geotextile fabric/weed control "Velor Driveway Fabric Stabilization Geotextile Fabric 13' x108' or equal (Contractor to field verify the quantity)

9/19/22, 3:03 PM

VEVOR Driveway Fabric Stabilization Geotextile Fabric 13x108' Underlayment Black | VEVOR US

855-385-1880

Contact Us

Track Your Order

Delivery to United States

United States

Language

VEVOR

TOUGH EQUIPMENT & TOOLS. PAY LESS

All

Categories

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Landscaping & Shade

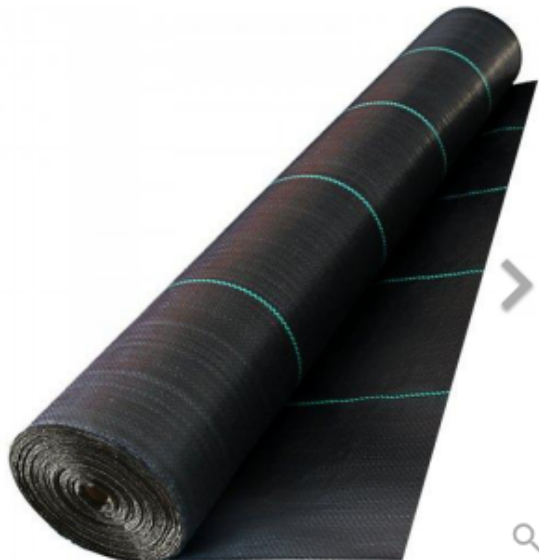
Commercial Grade Driveway Fabric

BZTGB5QZ4X33M0001V0





VEVOR Driveway Fabric Stabilization Geotextile Fabric 13x108' Underlayment Black

★★★★★ 4.9 40 Reviews | 19 answered questions

Share



<



>

\$147.99

Coupon: ☐ Save an extra 25% with coupon

- Large Geotextile Fabric: The geotextile driveway fabric has 1415 Sq. ft coverage area, length: 108 ft/33 m, width: 13 ft/4 m. According to your requirements, it can be cut to meet various needs such as driveway stabilization, gardening, agriculture, and drainage.

- Sturdy Woven PP Material: The ground fabric is made from thick woven PP material, sturdy, tear-proof, and corrosion-proof, which can serve you for a long time.

- 600 LBS Tensile Strength: The underlayment fabric is high in strength and stretchable, ensuring a large weight capacity. You can lay gravel, stones, and big rocks on it to increase the stability and flatness of the road and prolong its service life.

- Great Water Permeability: The garden fabric is highly permeable and breathable, allowing water to flow quickly without worries about water pooling. It is ideal for french drains, garden planting, and landscaping.

- Wide Applications: The geotextile fabric is perfect for construction projects, such as road stabilization, riprap, retaining walls, animal stables, patio landscaping, etc. Keep your projects organized and control your space effortlessly.

\$147.99

Free Shipping To Your Location

Delivery Date: Tuesday, September 20 - Sunday, September 25

Delivery to United States

In Stock

QTY:

- 1 +

Add to Cart

Buy Now

+ Add to Wish List

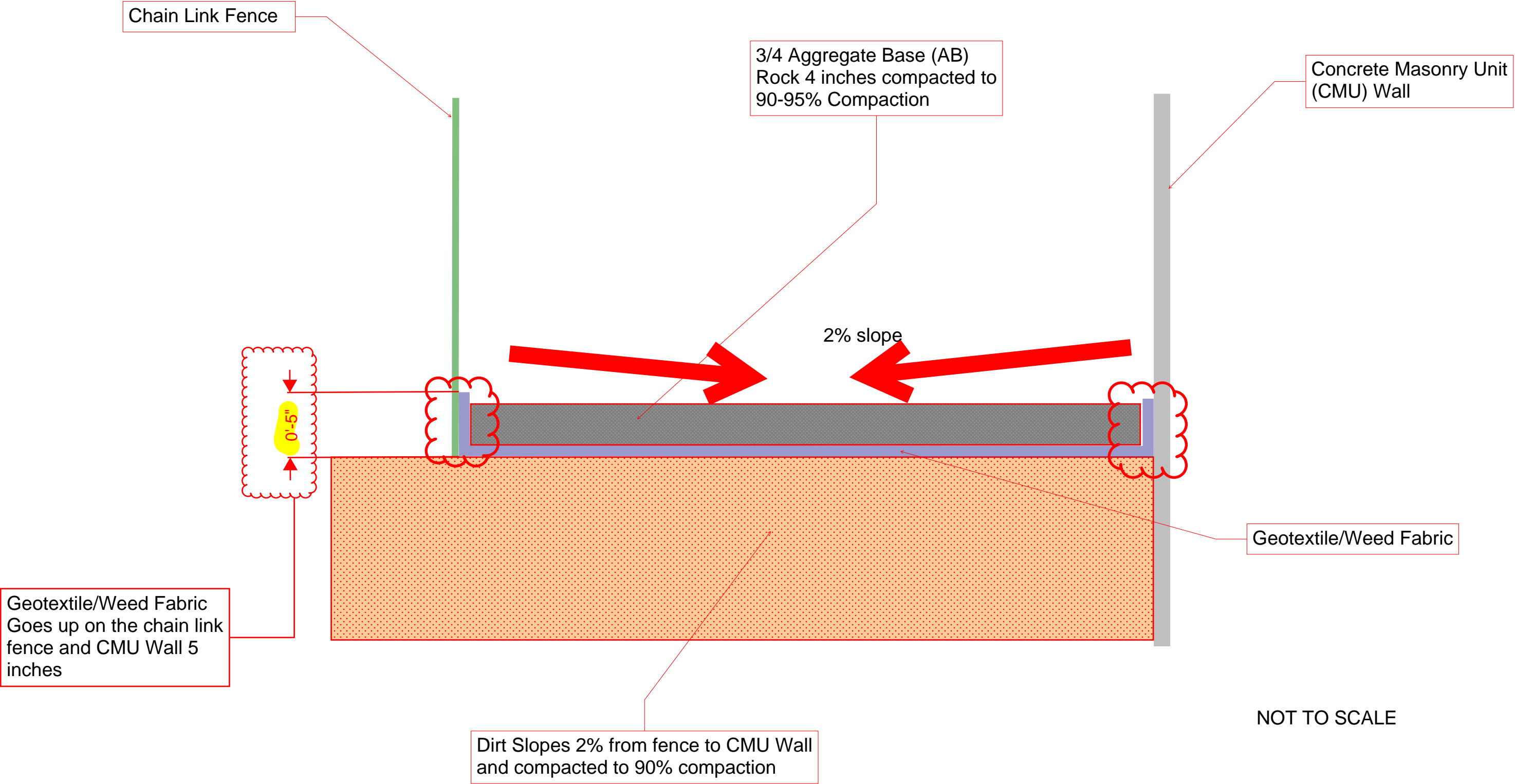
https://www.vevor.com/commercial-grade-driveway-fabric-c_10184/vevor-driveway-fabric-stabilization-geotextile-fabric-13x108-underlayment-black-p_010600913832

1/20

10

DOCUMENT 1 - SCOPE

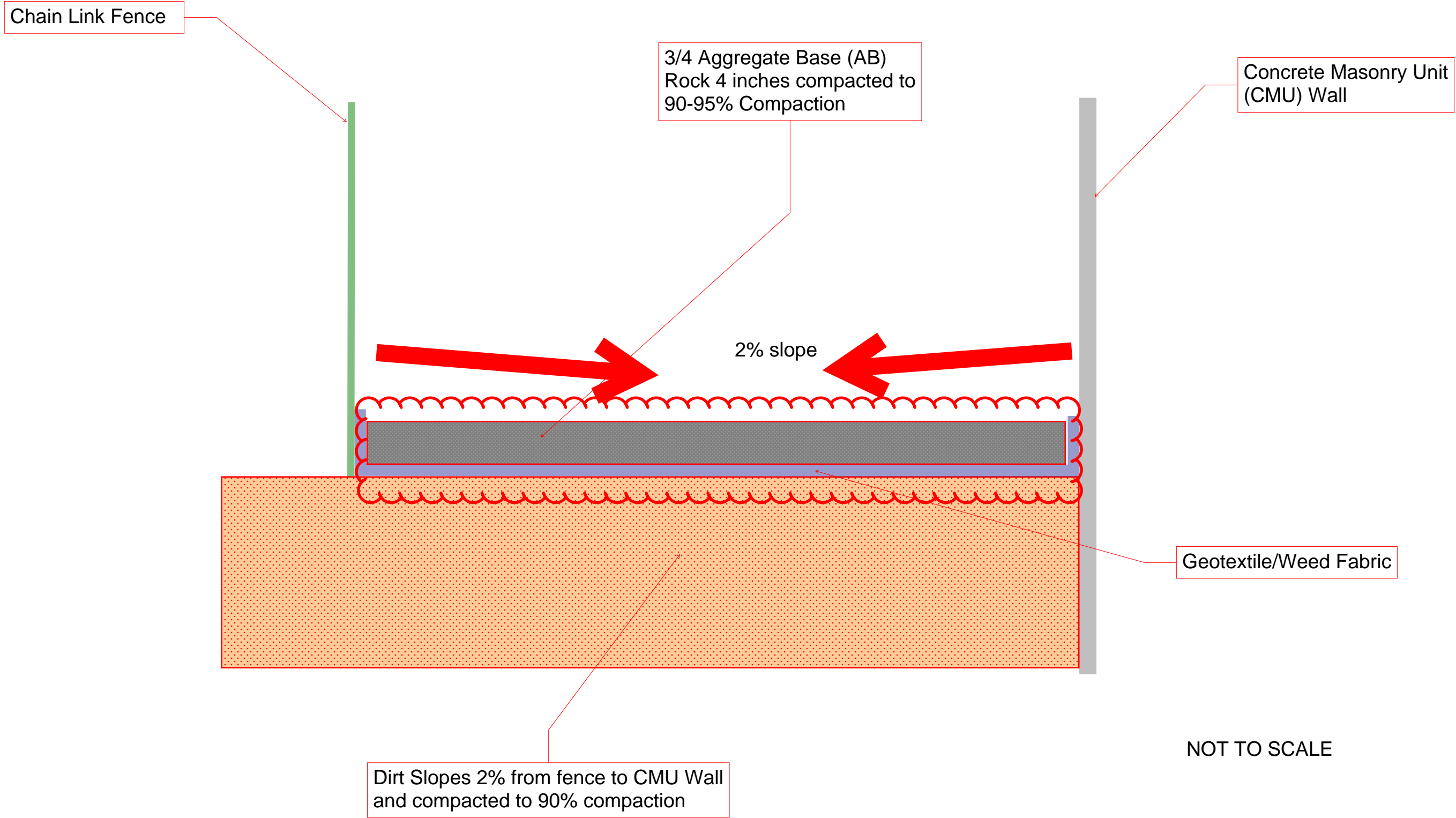
Fold geotextile/weed fabric 5 inches **vertical** against the chain link fence and CMU wall



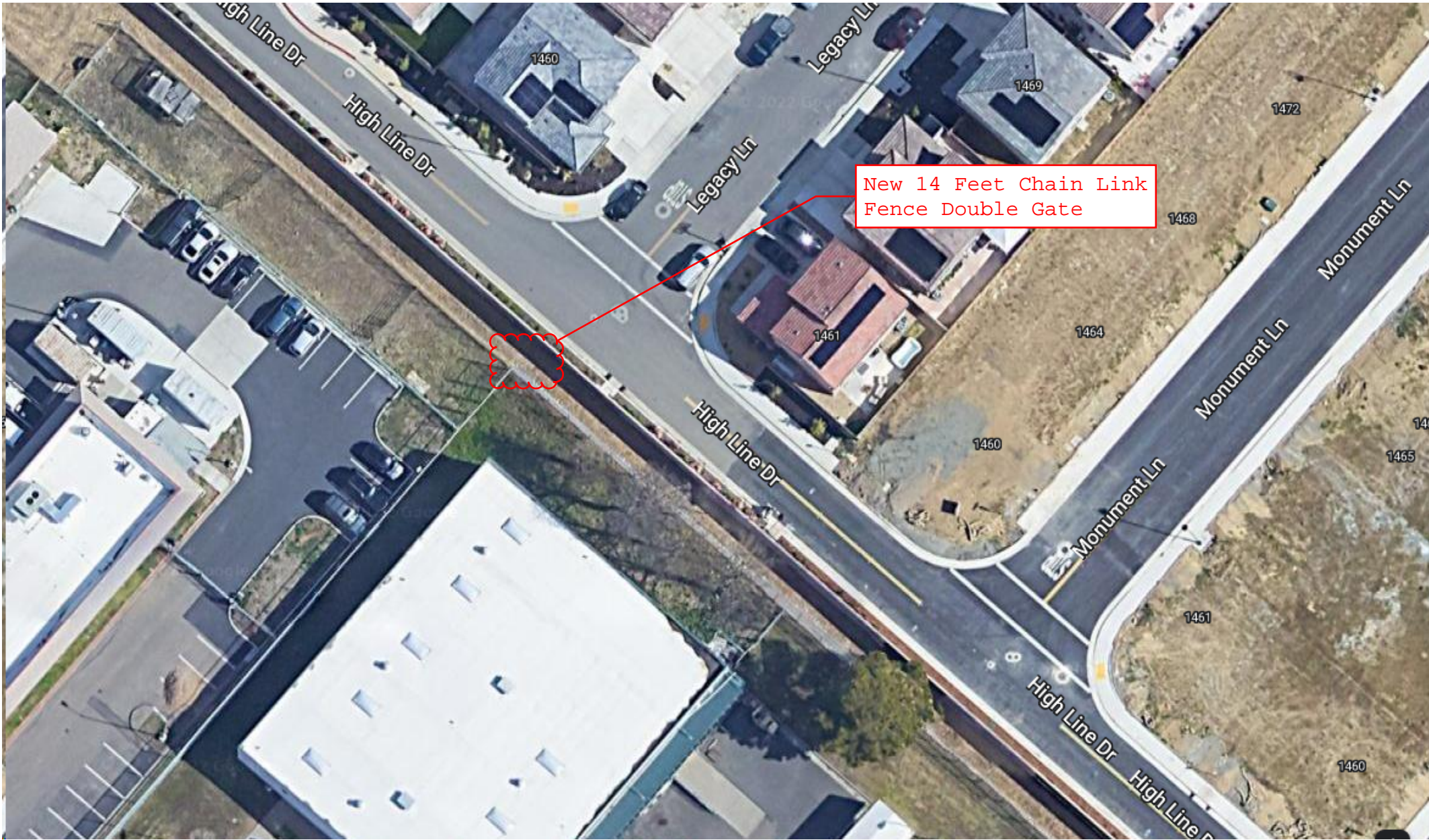
Provide 18,000 square feet x 4 inches deep of 3/4 inch aggregate base (AB) rock compacted to 90% or equal (contractor to field verify quantity)



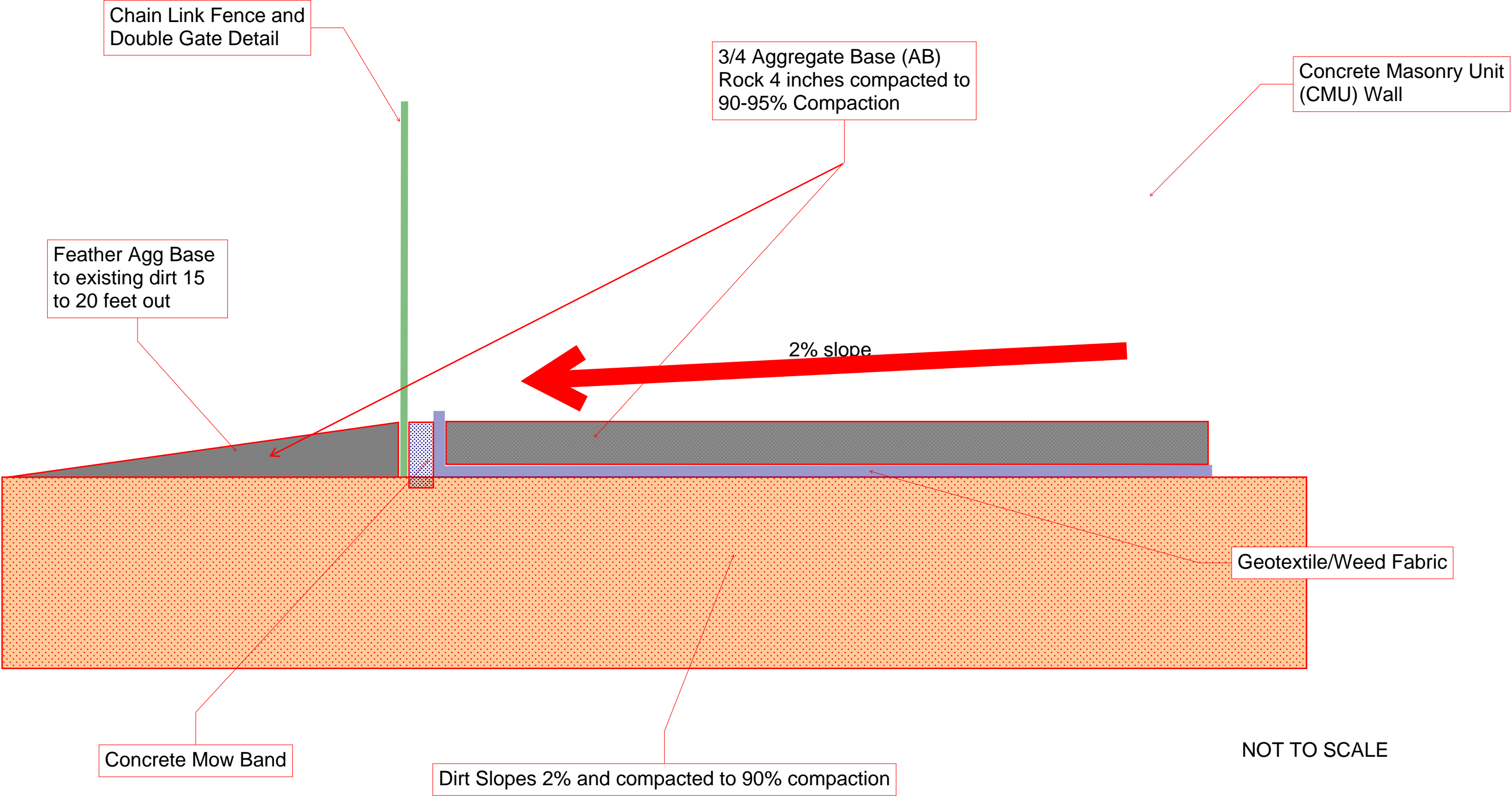
Provide 18,000 square feet x 4 inches deep of 3/4 inch aggregate base (AB) rock compacted to 90% or equal (contractor to field verify quantity)



Install 14 Feet Chain Link Fence Double Gate to Match Existing at the end of the 3/4 agg base rock



Provide 18,000 square feet x 4 inches deep of 3/4 inch aggregate base (AB) rock compacted to 90% or equal (contractor to field verify quantity)



Install 14 Feet Double Gate to Match Existing at the end of the 3/4 agg base rock

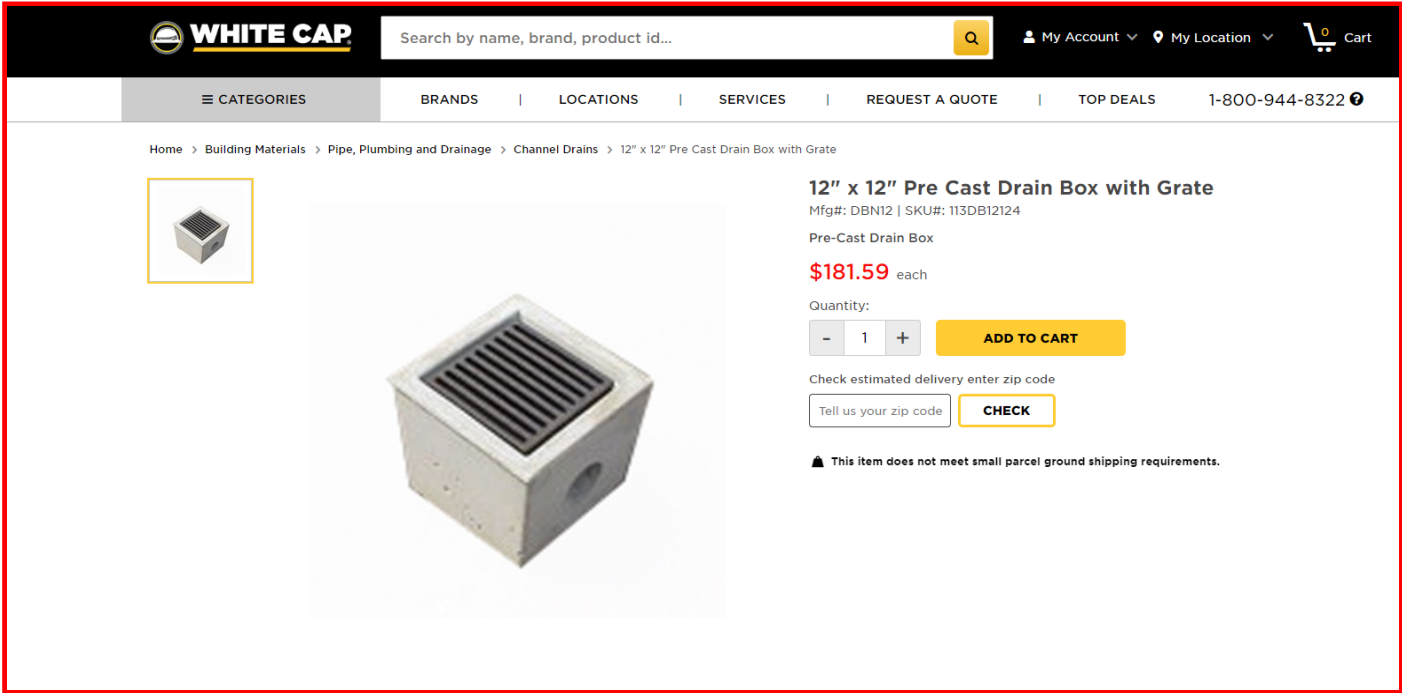


- Provide and install New "Traffic Rated" Drain Inlet, 250 feet of 4 inch French drain from AB rock against CMU wall to Existing Storm Drain Inlet



Provide and install New "Traffic Rated" Drain Inlet, 250 feet of 4 inch French drain from AB rock against CMU wall to Existing Storm Drain Inlet

Provide New 12 inch x 12 inch "Traffic Rated" Pre Cast Drain Inlet at the CMU wall at the end of the AB rock the is sized for a 4 inch perforated pipe



Provide Geotextile/filter fabric under corrugated pipe (contractor to field verify quantity)



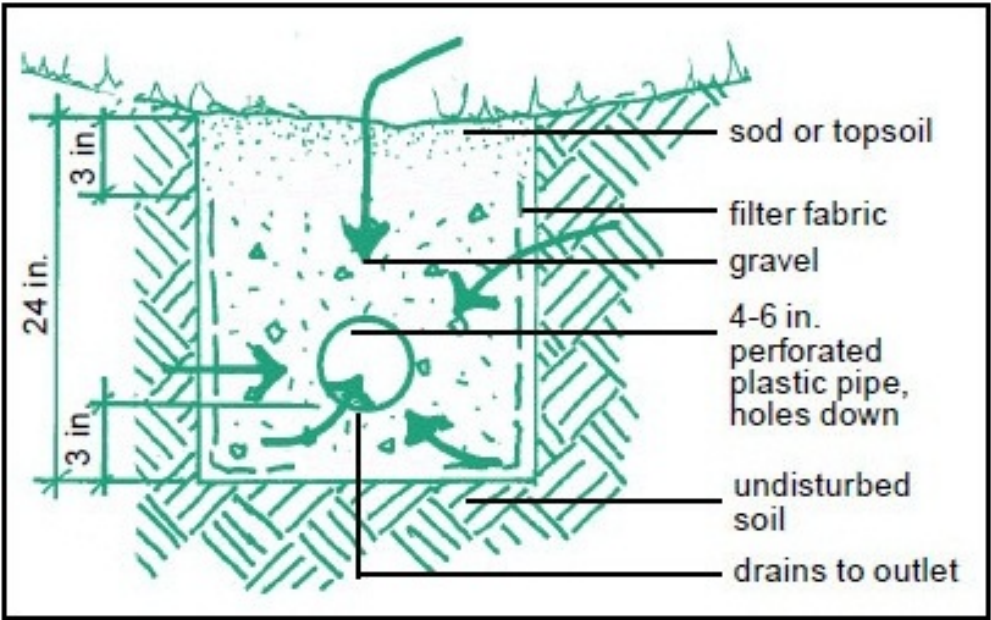
Provide 250 linear feet of 4 inch corrugated perforated pipe with sock sleeve to prevent sand and silt into corrugated perforated pipe. (contractor to field verify quantity)



Provide and install New "Traffic Rated" Drain Inlet, 250 feet of 4 inch French drain from AB rock against CMU wall to Existing Storm Drain Inlet



Backfill French Drain with 3/4 round Drain Rock Flush to Finish Grade



Knock a hole on the side of existing Drain Inlet and cement grout 4 inch corrugated pipe



Clean out Existing Drain Inlet. Provide wattles for storm prevention pollution program

Move Farm Fencing to Animal Care for Construction Access



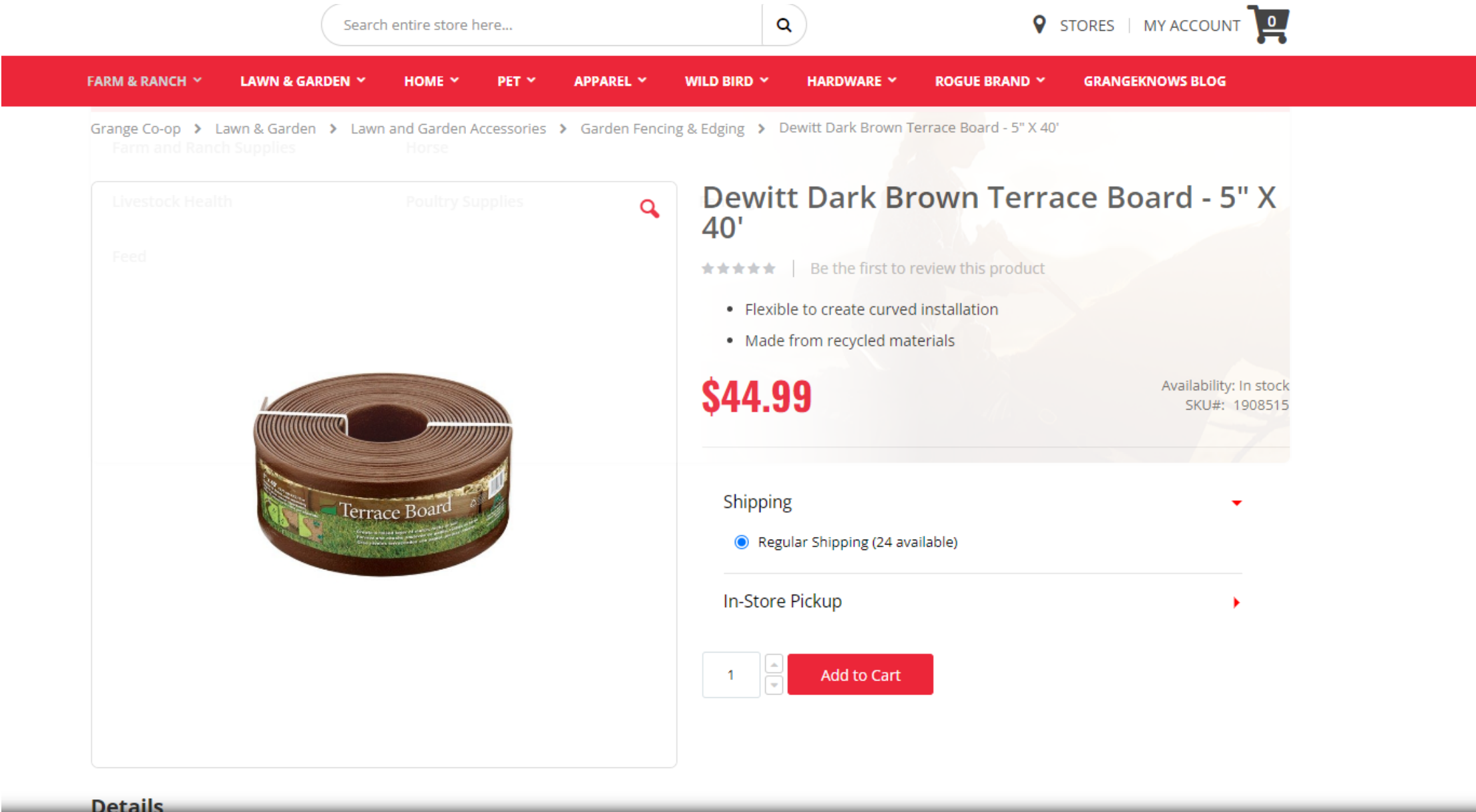
ADD ALTERNATE 1

Provide and install 1,100 linear feet of Bender Board or equal (contractor to field verify quantity)



ADD ALTERNATE 1

Provide and install 1,100 linear feet of 5 inch Dewitt Dark Brown Terrace Bender Board or equal (contractor to field verify quantity)



ADD ALTERNATE 2

 Provide and install 1,100 linear feet of Concrete Mow Band or equal (contractor to field verify quantity)




ADD ALTERNATE 2

Provide and install 1,100 linear feet of Basalite "Grey Concrete Edgestone" interlocking Mow Band or equal (contractor to field verify quantity)

9/19/22, 3:15 PM

Basalite 12 in. Grey Concrete Edgestone 100002833 - The Home Depot



12 in. Grey Concrete Edgestone

by Basalite

★★★★★ (98)

♡ 48

\$2¹⁸

Product Details

Specifications

Questions & Answers

Customer Reviews

Actual Product Height (in.)	3.50	3.00	5.50	3.00
Actual Product Length (in.)	3.63	11.81	15.70	4.00
Actual Product Width (in.)	12.50	3.94	1.90	12.00
Landscape Supply Type	Edging	Edging	Edging	Edging
Packaging Type	Individual	Individual	Individual	Individual
	View Product	View Product	View Product	View Product

Specifications

Dimensions

Actual Product Height (in.)	3.50
Actual Product Length (in.)	3.63
Actual Product Width (in.)	12.50
Nominal Product Height (in.)	3.5
Nominal Product Length (in.)	3.75
Nominal Product Width (in.)	12.5

[Feedback](#)

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[TOP](#)

[https://www.homedepot.com/p/Basalite-12-in-Grey-Concrete-Edgestone-100002833/100114398](#)

8/14

9/19/22, 3:15 PM

Basalite 12 in. Grey Concrete Edgestone 100002833 - The Home Depot



12 in. Grey Concrete Edgestone

by Basalite

★★★★★ (98)

♡ 48

\$2¹⁸

Product Details

Specifications

Questions & Answers

Customer Reviews

Landscape Supply Type	Edging
Material	Concrete
Package Quantity	1
Packaging Type	Individual
Product Weight (lb.)	11

Warranty / Certifications

Manufacturer Warranty	Manufacturer warrants this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the purpose for which it is intended.
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[Feedback](#)

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[TOP](#)

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DOCUMENT 1 - SCOPE



SITE UTILITY PLAN

Area of Work

Preliminary

Legend

- County Boundaries
- City Boundaries
- Parcel
- Levees
- Watersheds
- Lakes and Reservoirs
- Water Areas
- Water Lines

1: 2,257



0.1 0 0.04 0.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere

Date:

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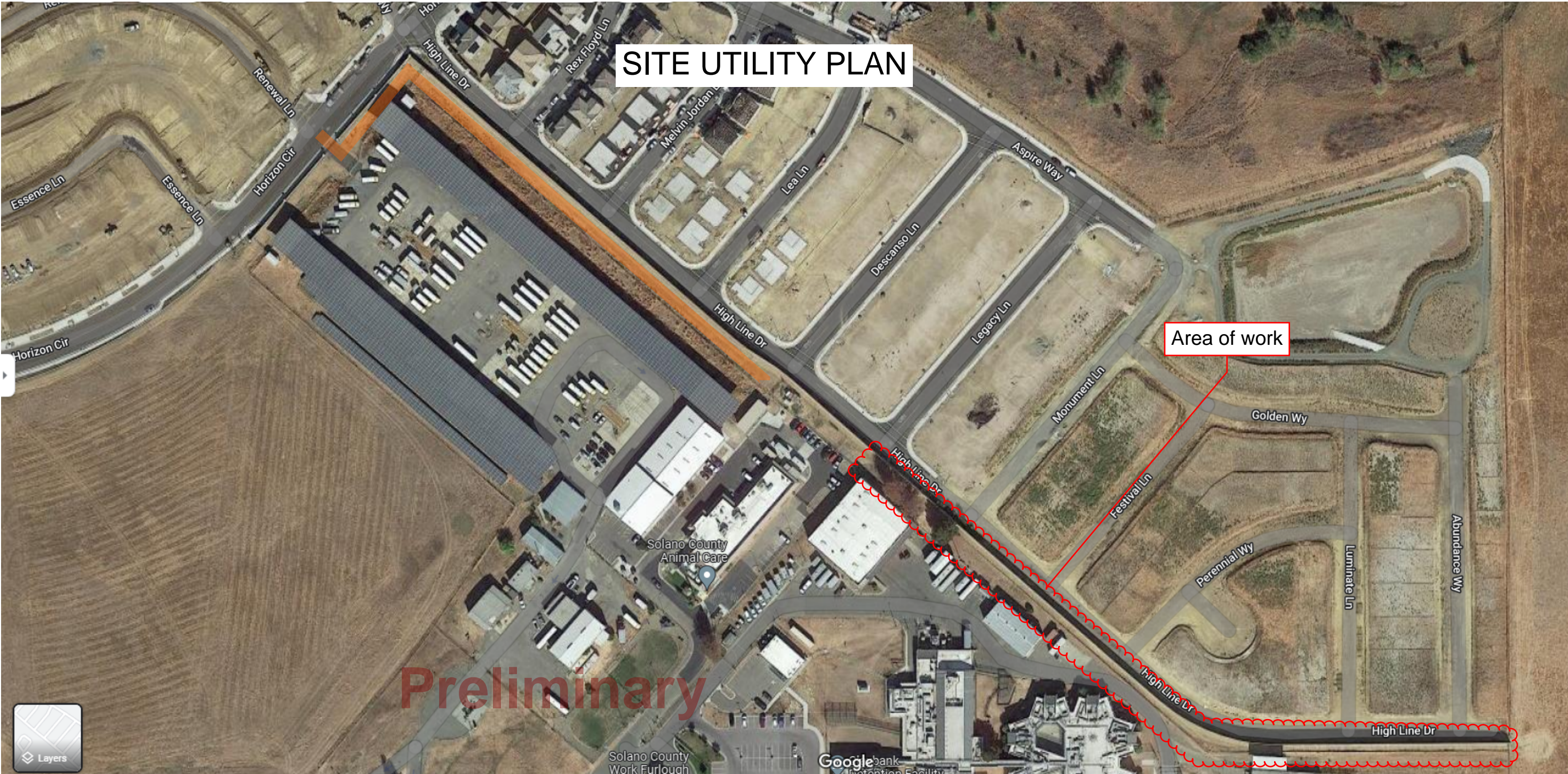
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Notes

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Project 1740 - Claybank Security Fence - EASEMENT IMPROVEMENT

Site Access



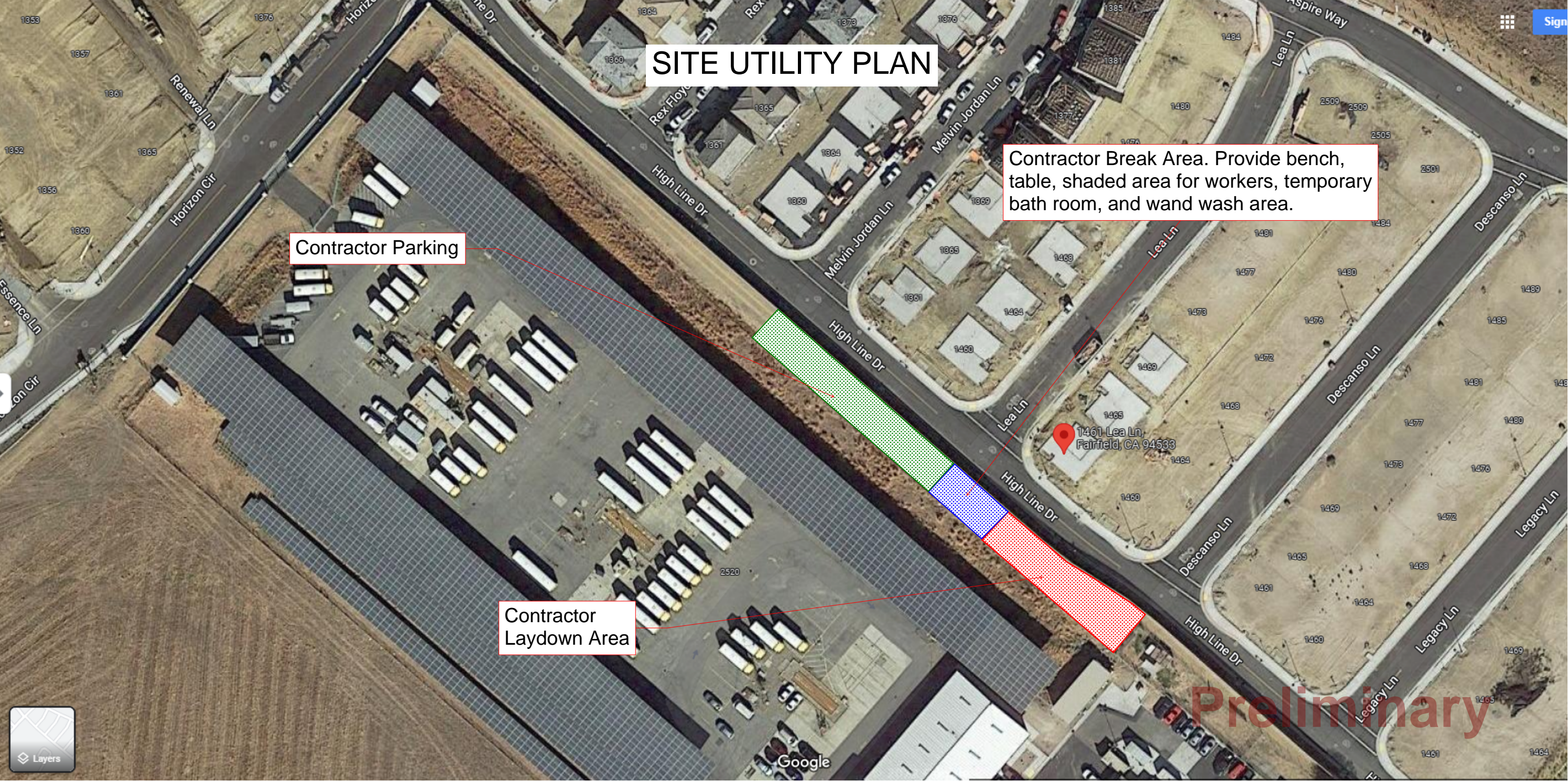
- Contractor Parking
- Contractor Break Area
- Contractor Laydown Area




SITE UTILITY PLAN

Contractor Parking

Contractor Break Area. Provide bench, table, shaded area for workers, temporary bath room, and wand wash area.

Contractor Laydown Area



-  Contractor Parking
-  Contractor Break Area
-  Contractor Laydown Area

SITE UTILITY PLAN

Demo existing chain link fence and gate for access and install NEW chain link fence to match existing

Preliminary

Demo Existing Chain Link Fence & Gate for Access and install New Chain Link and Gate to Match Existing.



Provide 4 Road Steel plate with crush rock to support and taper for smooth truck transition and protect & maintain drain inlet.



Protect Storm Drain Inlet

