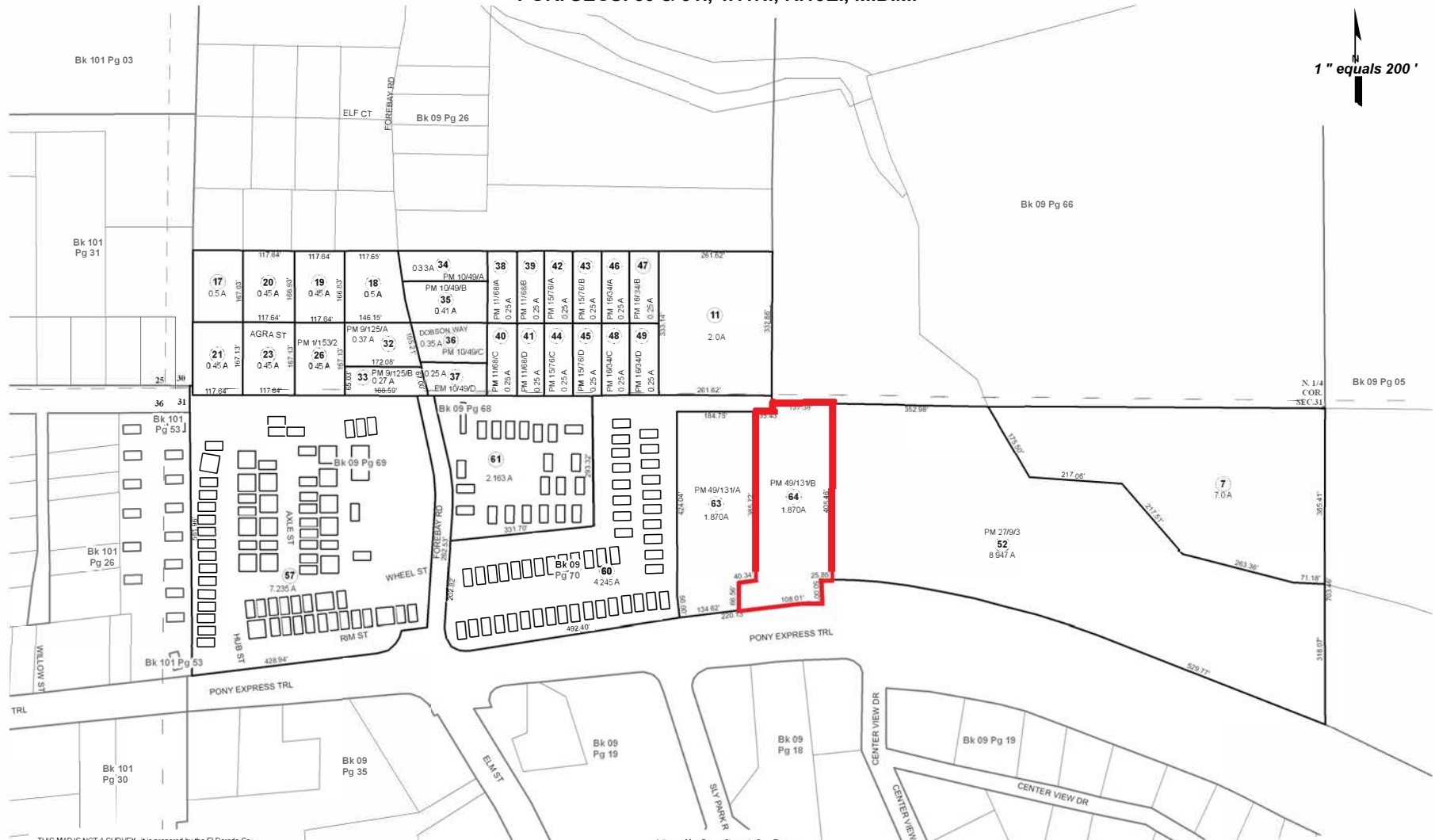
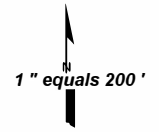


CUP22-0010/Stella Battery Storage  
Exhibit A: Location/Vicinity Map



POR. SECS. 30 & 31., T.11N., R.13E., M.D.M.

9:33



THIS MAP IS NOT A SURVEY. It is prepared by the El Dorado Co. Assessor's office for assessment purposes only. Area calculations and characteristics are not guaranteed. Users should verify items such as dimensions and acreage.

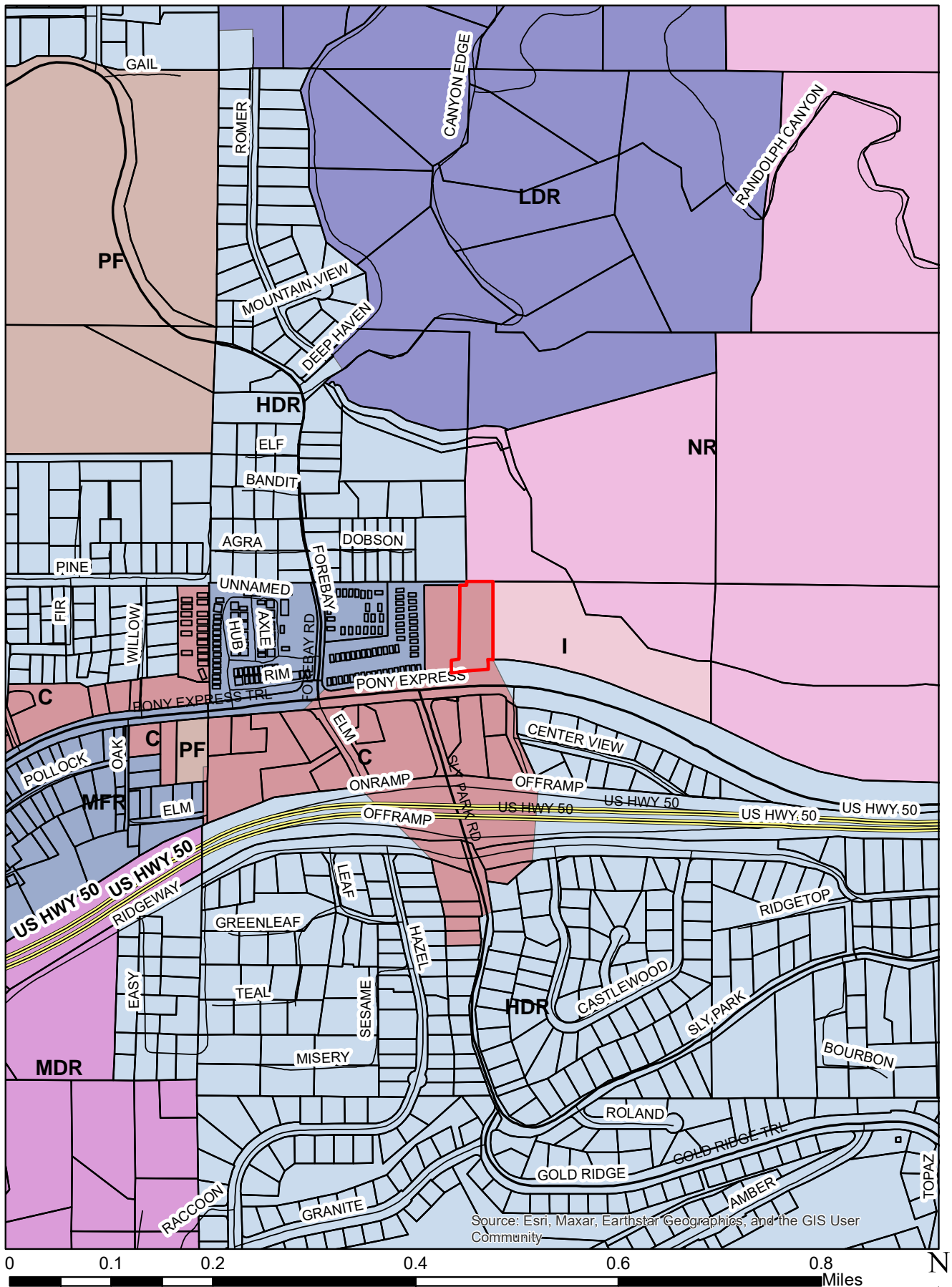
Acreages Are Estimates

Adjacent Map Pages Shown in Grey Text  
Assessor's Block Numbers Shown in Ellipses  
Assessor's Parcel Numbers Shown in Circles

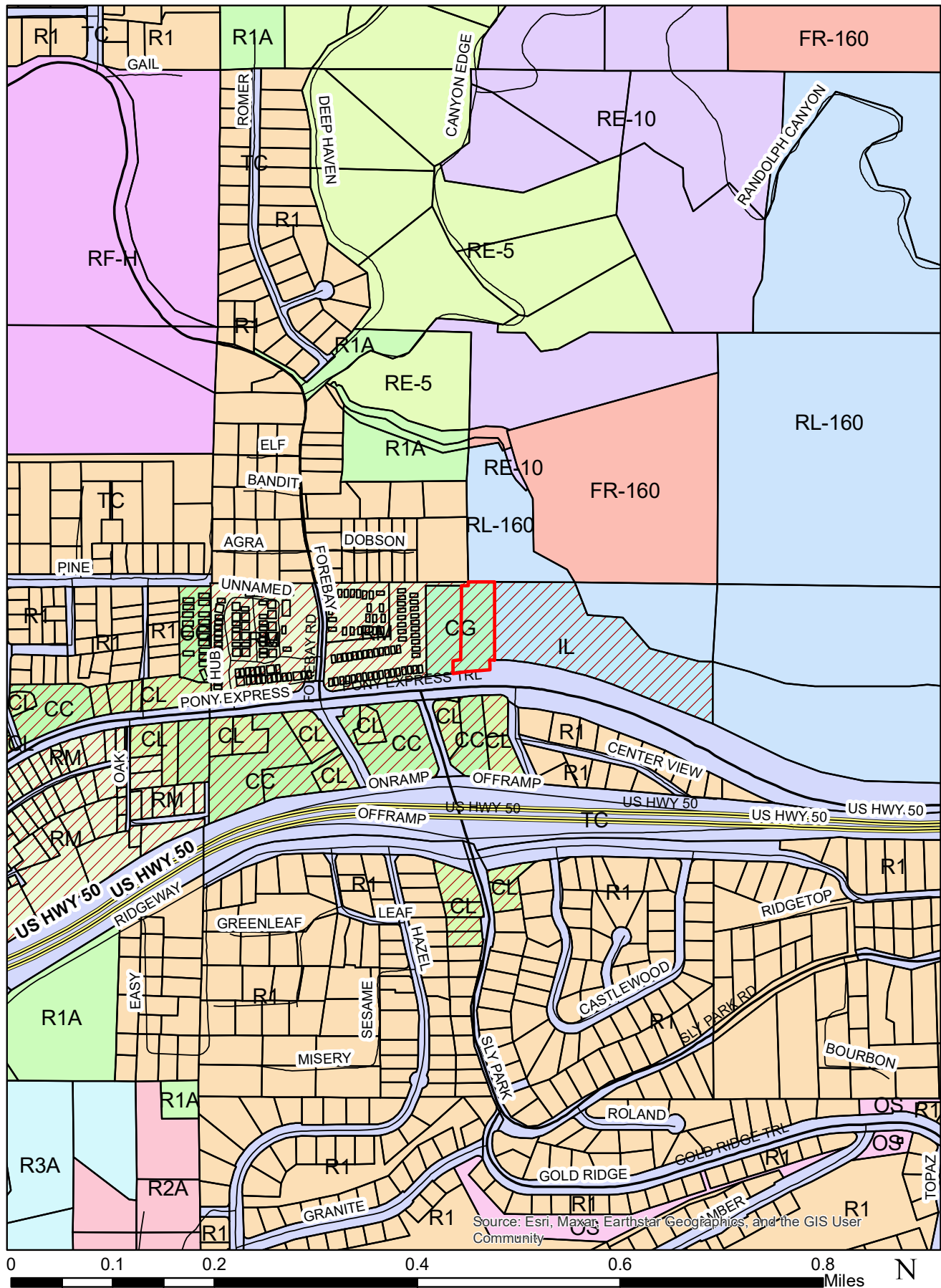
Rev. June 28, 2007

Assessor's Map Bk. 009, Pg.33  
County of El Dorado, CA

# CUP22-0010/Stella Battery Storage Exhibit B: Assessor's Parcel Map



CUP22-0010/Stella Battery Storage  
Exhibit C: General Plan Land Use Map



CUP22-0010/Stella Battery Storage  
Exhibit D: Zoning Map



Project: Stella Battery Storage  
Applicant: Apex Energy Solutions LLC  
APN:009-330-064  
El Dorado County  
Zoning: Industrial



STELLA BATTERY PROJECT

CONFIDENTIAL DOCUMENTS  
THE INFORMATION EMBODIED ON THIS DRAWING IS STRICTLY CONFIDENTIAL AND IS SUPPLIED WITH THE UNDERSTANDING THAT IT WILL BE HELD CONFIDENTIAL AND NOT DISCLOSED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF ZGLOBAL, INC.

REV.	BY	DESCRIPTION	DATE	APPROD BY
0	OI	SUBMITTAL #1	03/21/22	
1	OI	REV 1	12/10/22	

REGISTERED PROFESSIONAL ENGINEER  
BRIAN RAHMAN  
E - 14914  
ELECTRICAL  
REN.  
6-30-23  
STATE OF CALIFORNIA

1 inch  
Scale to Confirm 24"x36" Plot

Apex Energy SOLUTIONS

604 SUTTER ST, STE 250  
FOLSOM, CA 95630  
Phone : 916.985.9461  
Fax: 916.985.9467

\*THESE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED BY ZGLOBAL INC. FOR THEIR EXCLUSIVE USE IN ACCORD WITH SEC. 6737.3 OF THE 2012 PROFESSIONAL ENGINEERS ACT OF THE STATE OF CALIFORNIA\*

SHEET TITLE:  
PRODUCT SPECIFICATION SHEETS

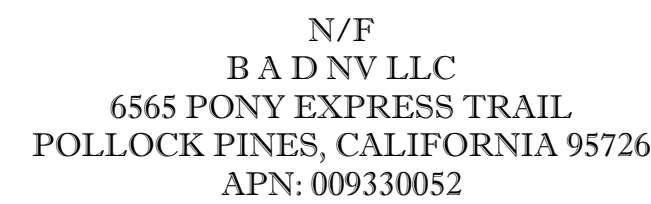
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HAAR JIM & SHERI  
5698 EASTWOOD LANE  
POLLOCK PINES, CALIFORNIA 95726  
APN: 009660006



## 14240.0 SF



**Call before you dig.**  
or (800) 227-2600

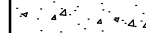

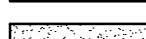
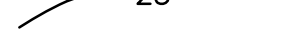
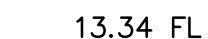

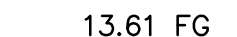

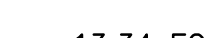


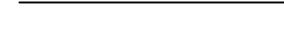
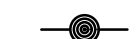



PROJECT R23002- STELLA; EL DORADO COUNTY

## PONY EXPRESS TRAIL



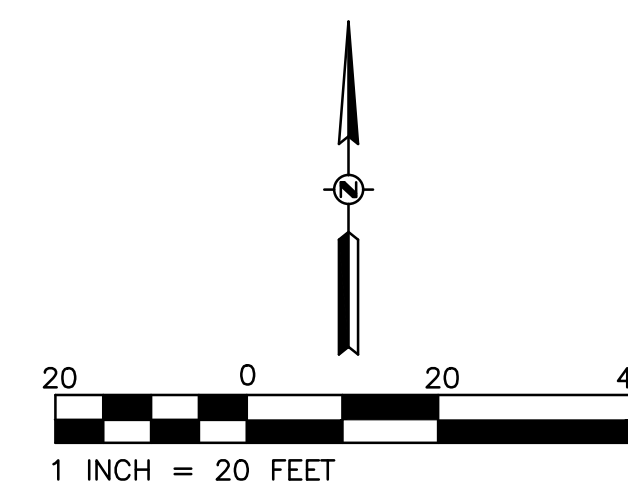
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POLLOCK PINES, CALIFORNIA 95726  
APN: 009660006



6" CLASS 2AB		(P) INTERMEDIATE CONTOURS	
CONCRETE		(P) INDEX CONTOUR	
FLOWLINE ELEVATION		(E) INTERMEDIATE CONTOURS	
MATCH (E) GRADE ELEVATION		(E) INDEX CONTOUR	
FINISH GRADE ELEVATION		(P) FENCE LINE	
PROPOSED UTILITY POLE		(E) FENCE LINE	
SURFACE FLOW		(P) FLOW PATH	
OVERLAND RELEASE		DAYLIGHT LINE	

① REMOVE (E) FENCING AND PLACE NEW 20' WIDE GATE

1. ALL VALVES, MANHOLES, CLEANOUTS, D/S, PULLBOXES, ETC. WITHIN LIMITS OF CONSTRUCTION TO BE ADJUSTED TO FINISH GRADE AS NEEDED.
2. GRADING AND PAVING SHALL BE IN ACCORDANCE WITH PROJECT GEOTECHNICAL REPORT.
3. VERIFY ALL UTILITY LOCATIONS, PIPE ELEVATIONS, ETC. PRIOR TO CONSTRUCTION.
4. ADD 3900 TO PROPOSED FINISHED GRADE AND FLOW LINE ELEVATION TO MATCH VERTICAL DATUM.
5. SCARIFY MINIMUM 12" BELOW SUBGRADE AND COMPACT TO 90% MIN. RELATIVE COMPACTION (FOR AB & CONCRETE SLABS)



DESIGN		AEB	TSM
DRAWN		AEB	TSM
QUANT.			
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ORIGINAL SCALE IS IN INCHES			

**PROF. ROBERT F. EYCKE**  
**STATE OF CALIFORNIA**  
**CIVIL ENGINEER**  
 No. C040566  
 Exp. 3-31-25

2009 Chardwick Road, Suite 100, Pasadena, CA 91661  
 PH: 916-772-7200 / www.RFEEngineering.com  
 www.rfeecorp.com

**ZGLOBAL**  
**604 SUTTER ST SUITE 250**  
**FOLSOM, CA**  
**(916) 965-9461**

**GRADING & DRAINAGE PLAN**

**STELLA ARCEL**  
**EL DORADO COUNTY, CA**  
**APN: 009-330-064-000**

**PROJECT B21002—STELLA—EL DORADO COUNTY**

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N/F  
HAAR JIM & SHERI  
5698 EASTWOOD LANE  
POLLOCK PINES, CALIFORNIA 95726  
APN: 009660006





EROSION AND SEDIMENT CONTROL NOTES:

1.

THE CONTRACTOR SHALL FOLLOW ALL JURISDICTIONAL GUIDELINES FOR GRADING AND THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN OR STATED ON THESE PLANS.
2.

CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE FOR THE WINTER MONTHS PRIOR TO OCTOBER 1.
3.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
4.

THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
5.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
6.

CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPS, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPS OR EROSION AND SEDIMENT CONTROL PLAN.
7.

IN AREAS WHERE SOIL WILL BE EXPOSED LONGER THAN 14 DAYS, CONTRACTOR SHALL STABILIZE EXPOSED SOILS WITH HYDROSEEDING OR OTHER EQUIVALENT METHOD. CONTRACTOR SHALL ENSURE NO AREAS WILL BE LEFT EXPOSED OVER THE WINTER SEASON.
8.

THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE. THE STABILIZED CONSTRUCTION ENTRANCE SHALL REMAIN IN PLACE UNTIL THE ROAD BASE ROCK COURSE IS COMPLETED.
9.

ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY OR AS NECESSARY.
10.

CONTRACTOR SHALL PLACE GRAVEL BAG BARRIERS AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE GRAVEL BAG BARRIERS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
11.

SOIL STOCKPILE SHALL BE SURROUNDED BY STRAW WATTLE. CONTRACTOR SHALL COVER STOCKPILE WHEN NOT IN USE.
12.

CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES AS FOLLOWS:

A.

SOLID WASTE MANAGEMENT:  
PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. ARRANGE FOR REGULAR REMOVAL AND DISPOSAL. CLEAR SITE OF TRASH INCLUDING ORGANIC DEBRIS, PACKAGING MATERIALS, SCRAP OR SURPLUS BUILDING MATERIALS AND DOMESTIC WASTE DAILY.

B.

MATERIAL DELIVERY AND STORAGE:  
PROVIDE A DESIGNATED MATERIAL STORAGE AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. STORE MATERIAL ON PALLETS AND PROVIDE COVERING FOR SOLUBLE MATERIALS. RELOCATE STORAGE AREA INTO BUILDING SHELL WHEN POSSIBLE. INSPECT AREA WEEKLY.

C.

CONCRETE WASTE:  
PROVIDE A DESIGNATED AREA FOR A TEMPORARY PIT TO BE USED FOR CONCRETE TRUCK WASH-OUT. DISPOSE OF HARDENED CONCRETE OFFSITE. AT NO TIME SHALL A CONCRETE TRUCK DUMP ITS WASTE AND CLEAN ITS TRUCK INTO THE CITY STORM DRAINS VIA CURB AND GUTTER. INSPECT DAILY TO CONTROL RUNOFF, AND WEEKLY FOR REMOVAL OF HARDENED CONCRETE.

D.

PAINT AND PAINTING SUPPLIES:  
PROVIDE INSTRUCTION TO EMPLOYEES AND SUBCONTRACTORS REGARDING REDUCTION OF POLLUTANTS INCLUDING MATERIAL STORAGE, USE, AND CLEAN UP. INSPECT SITE WEEKLY FOR EVIDENCE OF IMPROPER DISPOSAL.

E.

VEHICLE FUELING, MAINTENANCE AND CLEANING:  
PROVIDE A DESIGNATED FUELING AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. DO NOT ALLOW MOBILE FUELING OF EQUIPMENT. PROVIDE EQUIPMENT WITH DRIP PANS. RESTRICT ON-SITE MAINTENANCE AND CLEANING OF EQUIPMENT TO A MINIMUM. INSPECT AREA WEEKLY.

F.

HAZARDOUS WASTE MANAGEMENT:  
PREVENT THE DISCHARGE OF POLLUTANTS FROM HAZARDOUS WASTES TO THE DRAINAGE SYSTEM THROUGH PROPER MATERIAL USE, WASTE DISPOSAL AND TRAINING OF EMPLOYEES. HAZARDOUS WASTE PRODUCTS COMMONLY FOUND ON-SITE INCLUDE BUT ARE NOT LIMITED TO PAINTS & SOLVENTS, PETROLEUM PRODUCTS, FERTILIZERS, HERBICIDES & PESTICIDES, SOIL STABILIZATION STABILIZATION PRODUCTS, ASPHALT PRODUCTS AND CONCRETE CURING PRODUCTS.
13.

THE FOLLOWING SOIL WIND EROSION CONTROL (DUST CONTROL) METHODS ARE PROPOSED AS PART OF THESE IMPROVEMENT PLANS:

A.

WATER THE SOIL OF THE SITE AND THE ADJACENT STREETS BEING USED IN CONNECTION WITH SOIL DISTURBANCE OPERATIONS ON THE SITE IN ACCORDANCE WITH CALTRANS STANDARDS.

B.

COVER EXPOSED SOIL WITH GRAVEL OR ROCK LANDSCAPING.

C.

COVER EXPOSED SOIL WITH ORGANIC MULCHES, SPRINKLER IRRIGATED.

D.

IRRIGATE GRASSES.

E.

MAINTAIN LANDSCAPE VEGETATION.

EROSION AND SEDIMENT CONTROL MEASURES

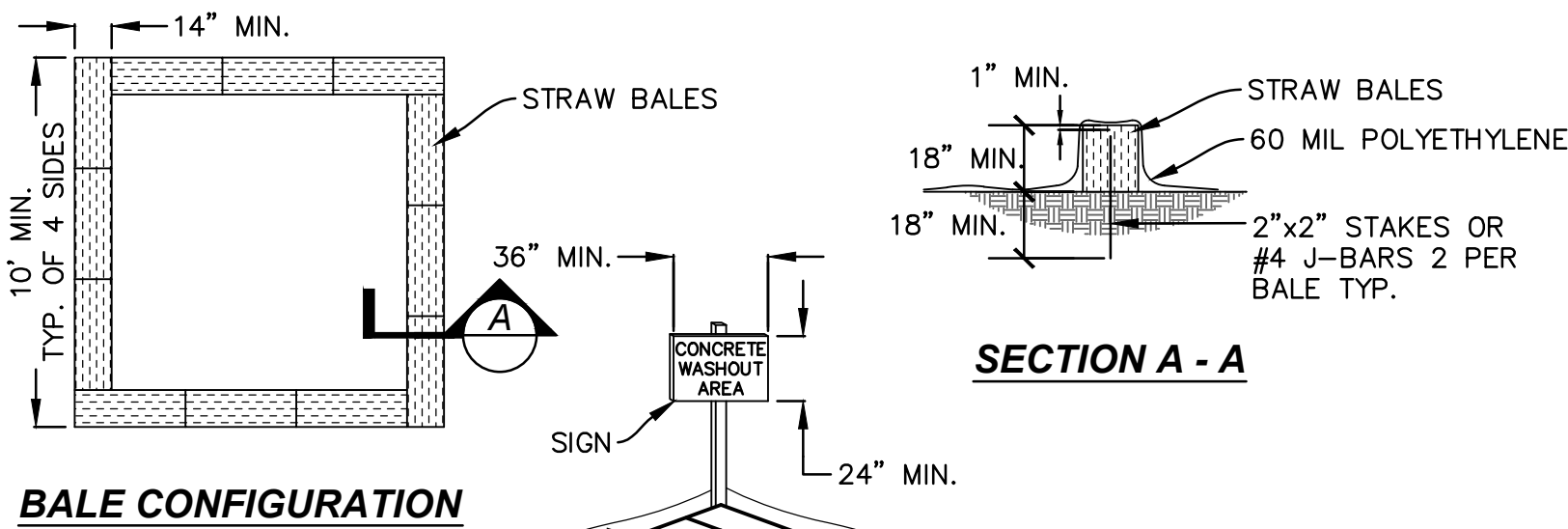
PHASE OF CONSTRUCTION	(WET SEASON)				(WET AND DRY SEASON)								
	HYDRO-SEEDING	STRAW MULCHING & TACKIFIER	PRESERVATION OF EXISTING VEGETATION	SOIL BINDERS	FIBER ROLLS	OUTLET PROTECTION	STORM DRAIN INLET PROTECTION	DEWATERING	STABILIZED CONSTRUCTION ENTRANCE	MATERIAL & WASTE DISPOSAL LOCATION	CONCRETE WASHOUT	DUST CONTROL	SEDIMENT TRAP
PRE-GRADING			●		●		●		●	●		●	●
CUT AND FILL QUANTITIES	●	●		●				●				●	●
UNDERGROUND WORK												●	
STORM DRAIN IMPROVEMENTS						●					●	●	
CURB & GUTTER							●					●	
STREET IMPROVEMENTS					●							●	
POST CONSTRUCTION	●	●	●										

NOTES:

1. ALL EROSION BMPS SHALL BE IN PLACE PRIOR TO STORM EVENTS AND IN ACCORDANCE WITH THE LATEST EDITION OF SECTION II OF THE IMPROVEMENT STANDARDS AND THE CALIFORNIA STORM WATER HANDBOOK.

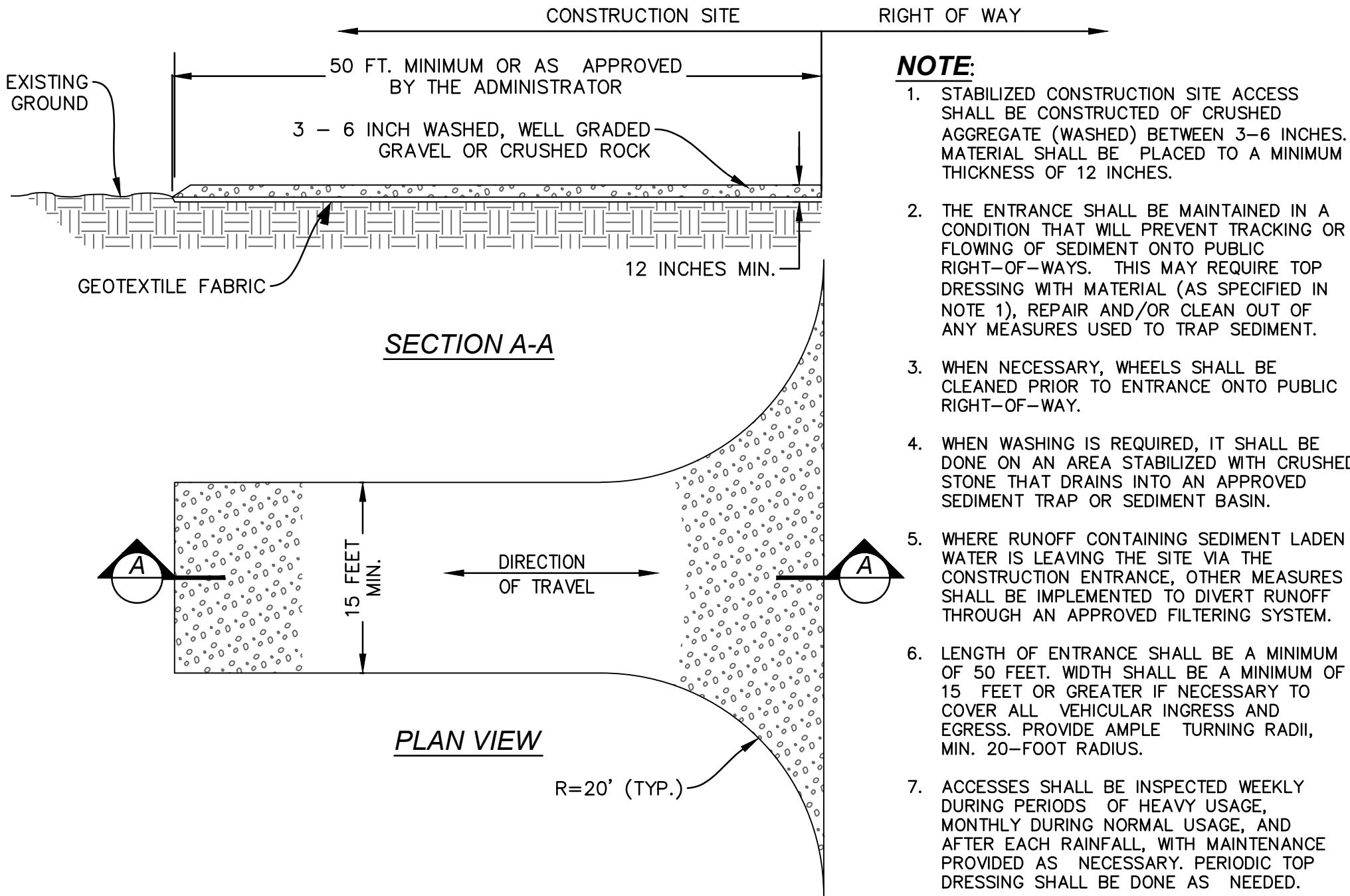
2. MAINTAIN BMPS AS NECESSARY.

CUP22-0010/Stella Battery Storage  
Exhibit F: Grading Plan

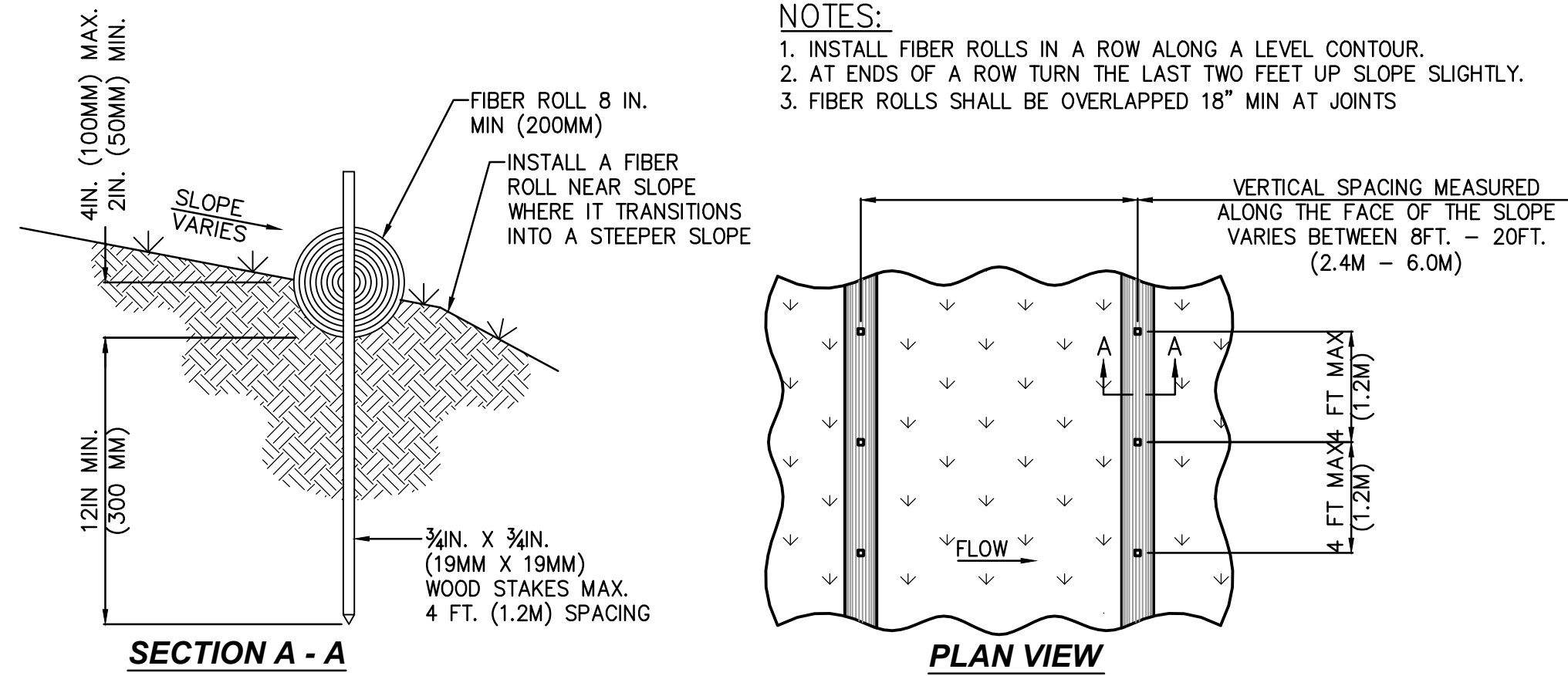


- NOTES:
- 1.) FACE SIGN TOWARD NEAREST STREET OR ACCESS POINT.
- 2.) CONCRETE WASHOUT SHALL BE LOCATED BEHIND THE CURB AND 50 FT. MINIMUM FROM DRAINAGE INLETS OR WATERCOURSES

3 NTS CONCRETE WASHOUT

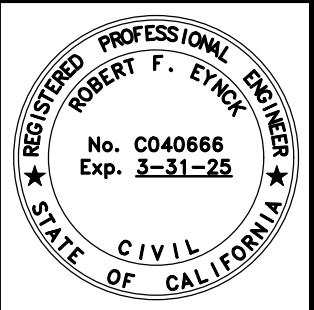


2 NTS CONSTRUCTION ENTRANCE



1 NTS FIBER ROLL

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ZGLOBAL  
604 SUTTER ST., SUITE 250  
FOLSOM, CA  
(916) 985-9461

STELLA BATTERY STORAGE  
EL DORADO COUNTY, CA  
APN: 009-330-064-000  
EROSION AND SEDIMENT  
CONTROL DETAILS

Sheet	C4
4 of 4	04/10/2023



CUP22-0010/Stella Battery Storage  
Exhibit G: Photosimulation