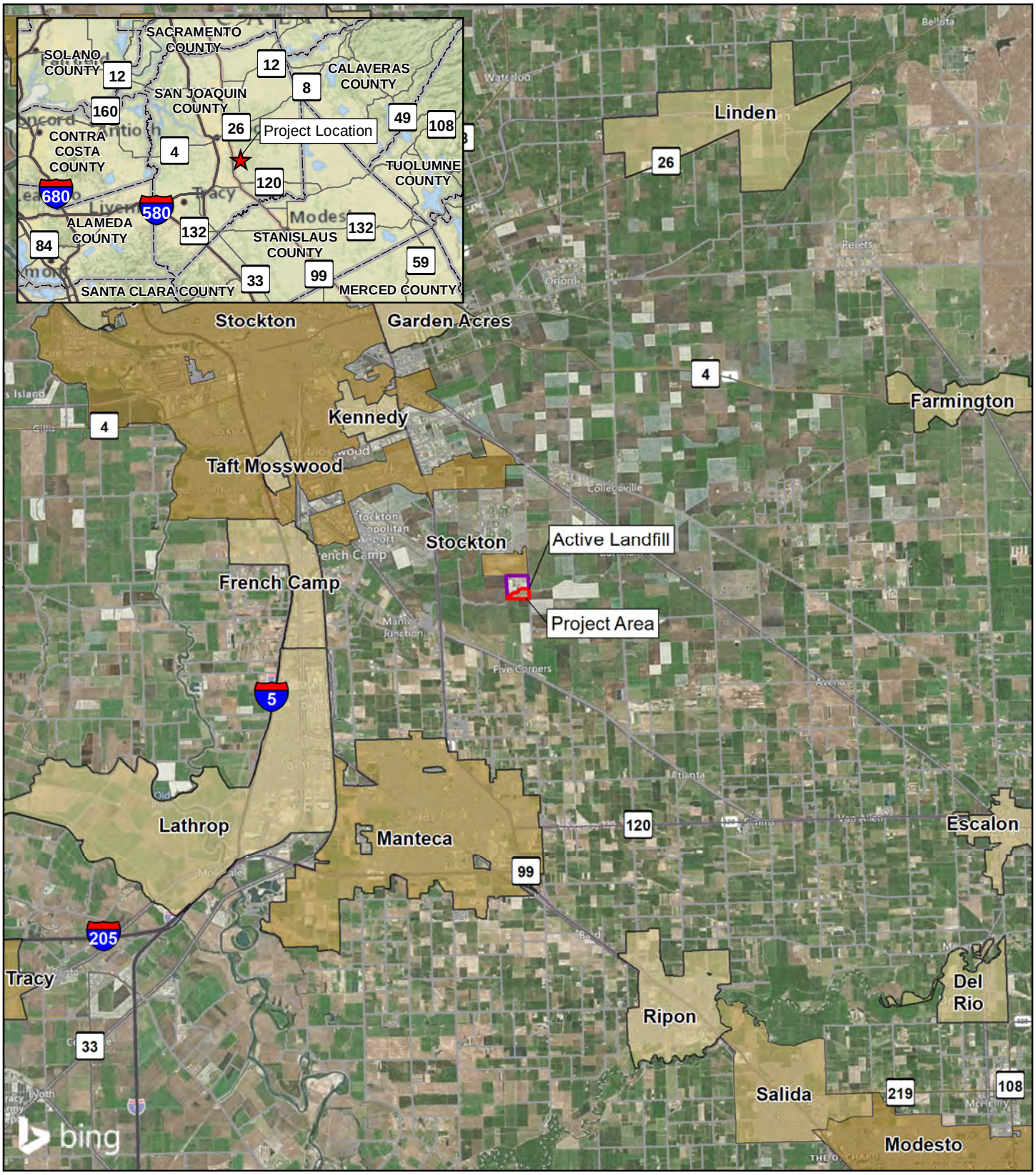


Source: Bing Maps

0 1.5 3 Miles

0 2.5 5 Kilometers

N

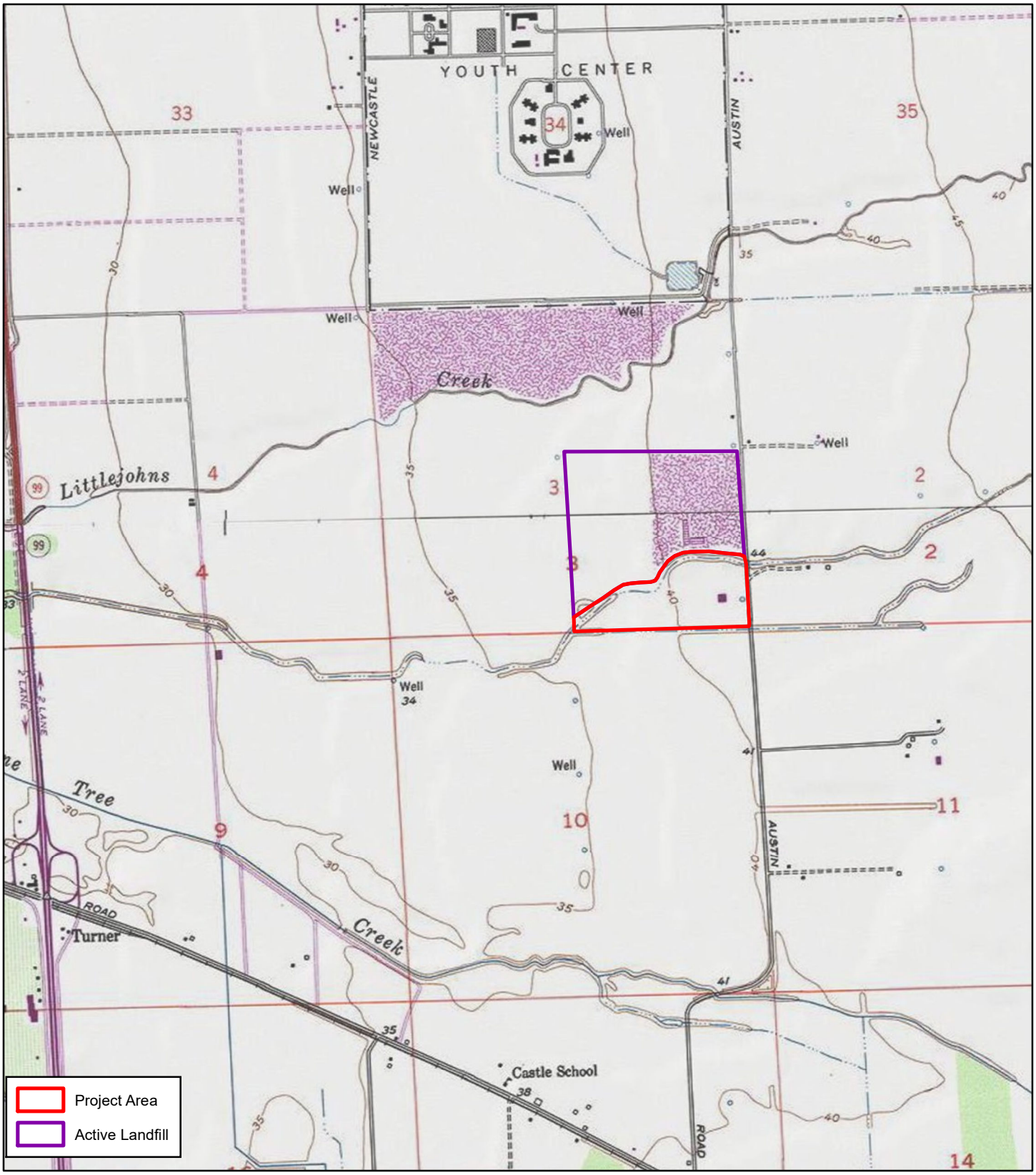
Scale 1:190,080
1 in = 3 miles

Figure 1. Forward Landfill Proposed Expansion Area Regional Vicinity Map

San Joaquin County, California

KLEINFELDER

GANDA



USGS 7.5' Quad: MANTECA (1994)
Legal Description: T01S, R07E, SEC 3

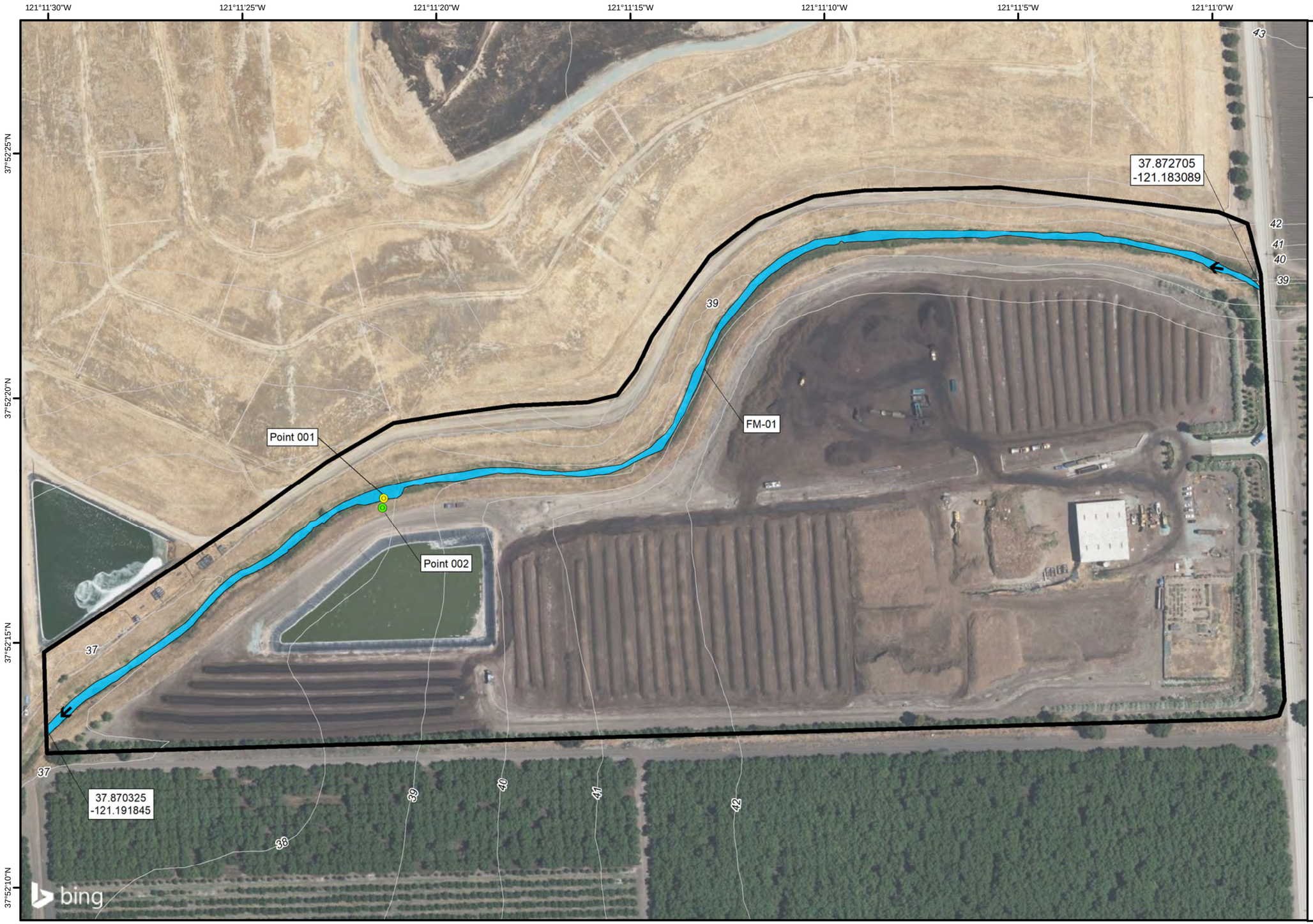
0 1,000 2,000 Feet
0 300 600 Meters

N

Scale 1:24,000
1 Inch = 2,000 Feet

Figure 2. Forward Landfill
Proposed Expansion Area
Project Location
San Joaquin County, California

KLEINFELDER
GANDA



Forward Landfill
Proposed Expansion Area
January 2021

Legend

- Project Area (47.059 ac.)
- Upland Data Point
- Wetland Data Point
- 1-foot Contour
- Direction of Flow

Aquatic Resources (1.019 ac.)

Wetland (1.019 acre, 44,370 sqft.)

- FM: Freshwater Marsh

N

0 200 400
Feet

1 inch = 200 feet

KLEINFELDER
GANDA

Appendix B
Preliminary Wetland Delineation of Forward Landfill Proposed Expansion Area
San Joaquin County, California

0 100 200 Feet

1"=100'

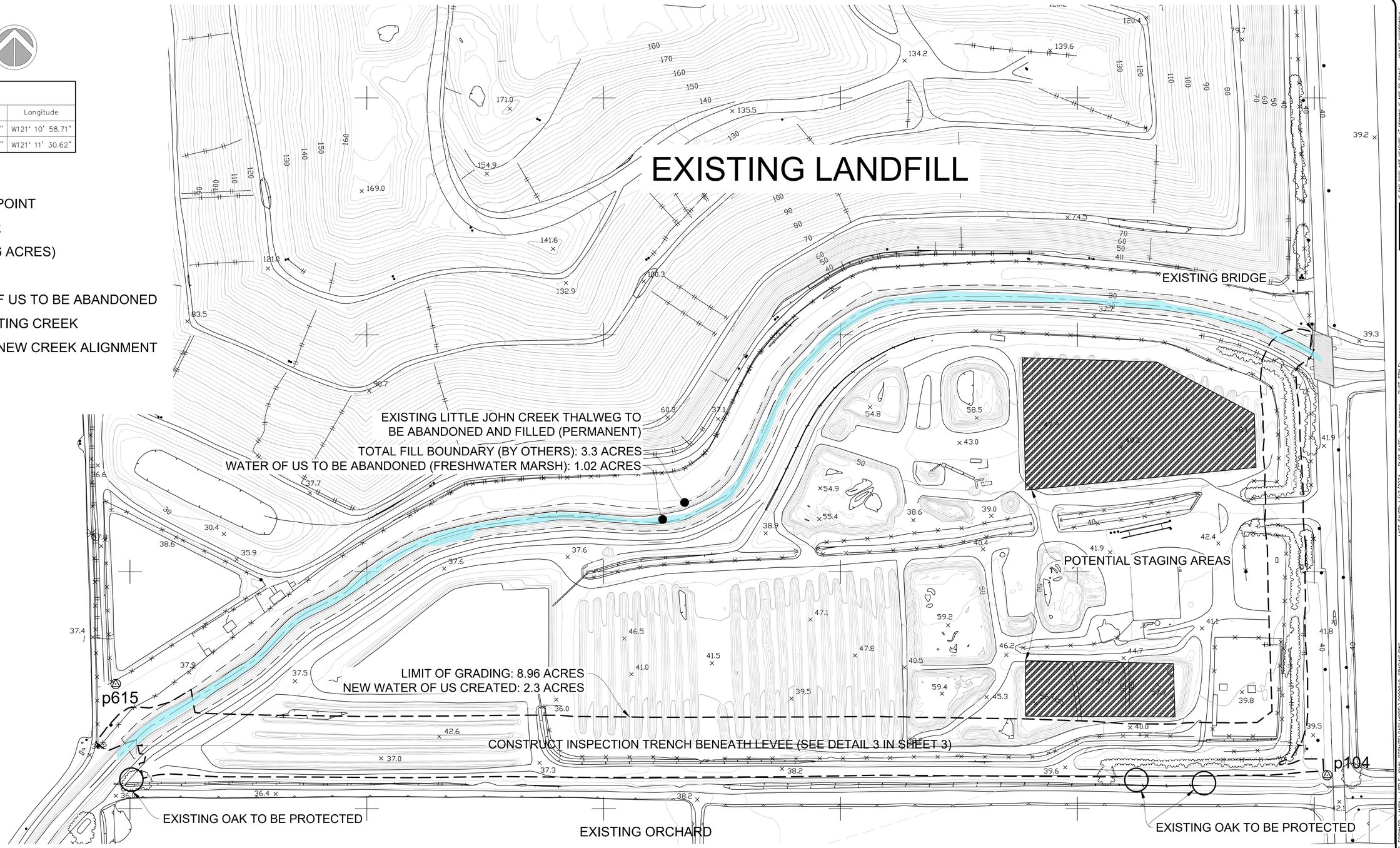
Survey Control			
Control Point #	Elevation	Latitude	Longitude
p104	40.73	N37° 52' 13.02"	W121° 10' 58.71"
p615	39.34	N37° 52' 14.73"	W121° 11' 30.62"

LEGEND

- SURVEY CONTROL POINT
- EXISTING CONTOUR
- STAGING AREA (3.36 ACRES)

PERMANENT IMPACT

- EXISTING WATER OF US TO BE ABANDONED
- TOTAL FILL AT EXISTING CREEK
- PROJECT AREA OF NEW CREEK ALIGNMENT



LITTLE JOHN CREEK
SOUTH BRANCH RELOCATION

FORWARD LANDFILL
STOCKTON, CA

QUESTA ENGINEERING CORP.
P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807

Civil
Environmental
& Water Resources

(510) 236-6114
FAX (510) 236-2423
questa@questaec.com

REGISTERED PROFESSIONAL ENGINEER
SIDNEY A. TEMPLE
50695
12-31-25
EXPIRES
STATE OF CALIFORNIA

Sht:	Rev:	Date:	By:	Description:	App'd:

Design: ST
Drawn: KT
Checked: ST
Appr'd: ST

EXSITING CONDITIONS & SITE PREPERATION DETAILS

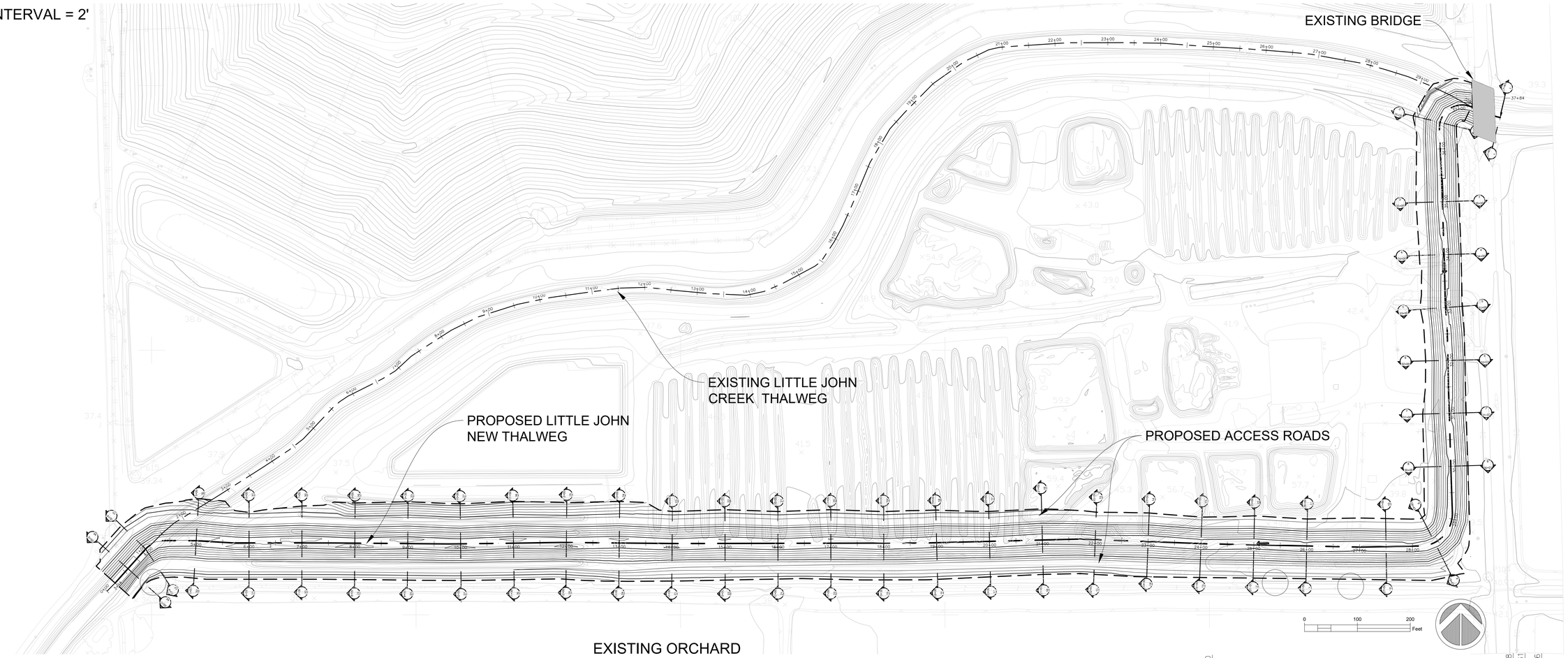
STOCKTON, CALIFORNIA
SOUTH LITTLE JOHN CREEK

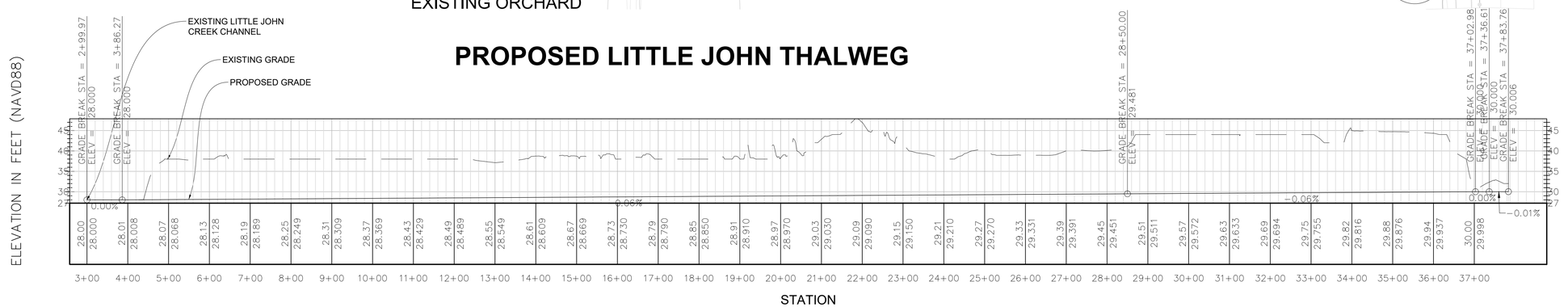
Size D
Project 2000019
Scale: AS SHOWN
Date: 1/12/2024
Sheet: 2 OF 10

LAST SAVED: 1/12/2024 PLOT DATE: 9/25/2020 PLOT STYLE:----- IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE – ADJUST ACCORDINGLY

P:\2020\2000019_FORWARD_LANDFILL_LITTLE_JOHN_PERMITS\CAD MODEL\2000019_GRADING.DWG

CONTOUR INTERVAL = 2'





Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Earthwork_NewCreek	**1.000**	1.100	404350.47 Sq. Ft.	47060.34 Cu. Yd.	35105.58 Cu. Yd.	11954.75 Cu. Yd.<Cut>
Totals			404350.47 Sq. Ft.	47060.34 Cu. Yd.	35105.58 Cu. Yd.	11954.75 Cu. Yd.<Cut>

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Checked: ST
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GRADING PLAN
FORWARD LANDFILL
STOCKTON, CA

Size D | Project 2000019
Scale: AS SHOWN
Date: 11/20/20
Sheet: 4 OF 9

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LAST SAVED: 11/19/2020 PLOT DATE: 9/25/2020 PLOT STYLE:----

\\AEJANUS\PROJECT2\2020\2000019_FORWARD_LANDILL_LITTLE_JOHN_PERMITS\CAD\MODEL\1600057_GRADING_20201031.DWG

CONTOUR INTERVAL = 2'

0 100 200 Feet

LEGEND

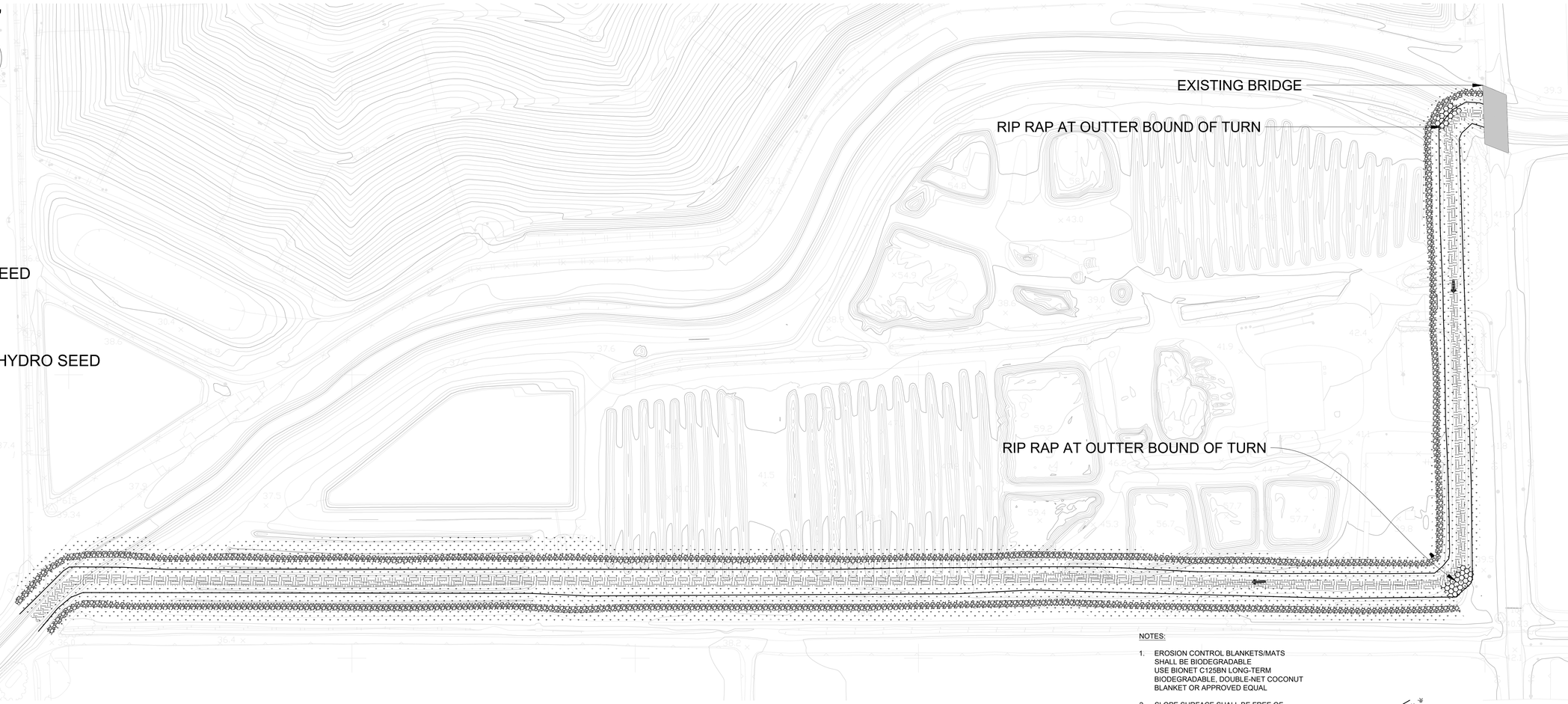
CLASS II AGGREGATE BASE ROAD — 2 / -

EROSION CONTROL BLANKET AND HYDRO SEED — 4 / -

COMPACTED SOIL AND HYDRO SEED

STRAW WAFFLE — 1 / -

RIP RAP — 3 / -

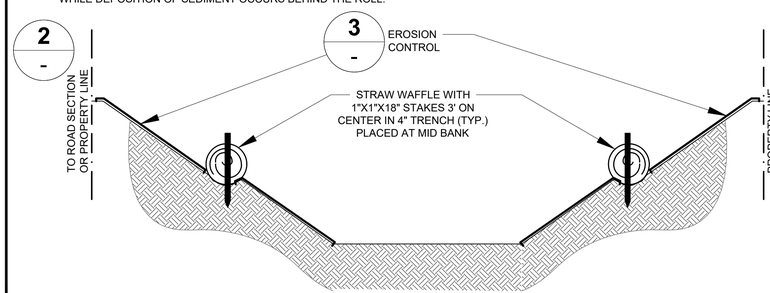


NOTES:

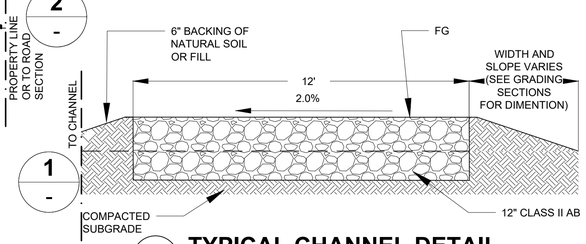
1. EROSION CONTROL BLANKETS/MATS SHALL BE BIODEGRADABLE USE BIONET C125BN LONG-TERM BIODEGRADABLE, DOUBLE-NET COCONUT BLANKET OR APPROVED EQUAL
2. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS.
3. MATS/ BLANKETS SHALL HAVE GOOD SOIL CONTACT.
4. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

NOTE:

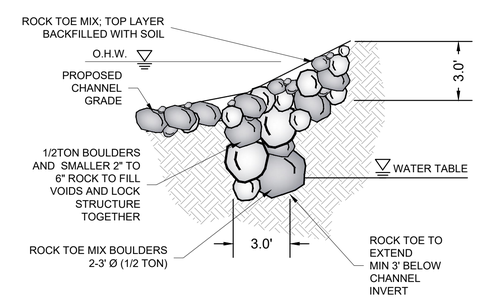
1. PLACE THE LOOSE EDGE OF THE FIBER ROLLS INTO A 4-INCH DEEP TRENCH AND SECURE WITH A SINGLE ROW OF STAPLES INSTALLED ON 12-INCH CENTERS (INSTALL OVER EROSION CONTROL FABRIC)
2. DRIVE WOODEN 18-INCH STAKES THROUGH THE ROLL ON APPROXIMATELY 3-FOOT CENTERS TO SECURE IN PLACE
3. CONSTRUCTION OF THE TRENCH AND PROPER STAPLE PLACEMENT IS NECESSARY TO PREVENT WATER AND SEDIMENT FROM FLOWING DIRECTLY UNDER THE SEDIMENT CONTROL ROLL
4. WATER WILL ACCUMULATE BEHIND THE ROLL, ALLOWING SEDIMENT LADEN WATER TO BE FILTERED THROUGH THE ROLL WHILE DEPOSITION OF SEDIMENT OCCURS BEHIND THE ROLL.



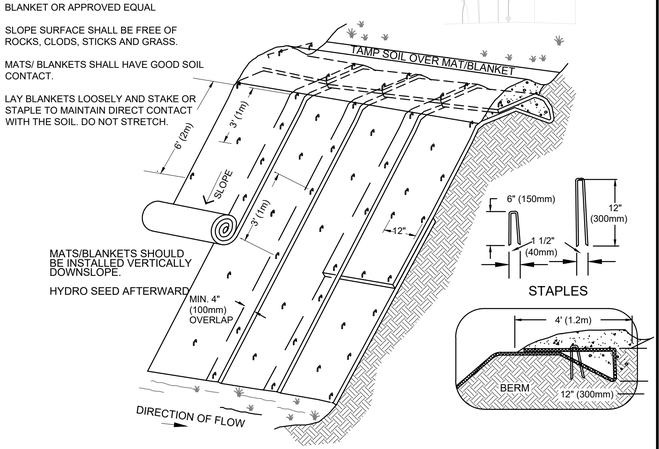
1 **TYPICAL CHANNEL DETAIL**
NOT TO SCALE (SEE GRADING SECTION FOR DIMENTION)



2 **TYPICAL CHANNEL DETAIL**
NOT TO SCALE



3 **SHARP TURN PROTECTION**
NOT TO SCALE



4 **EROSION CONTROL**
NOT TO SCALE

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EROSION CONTROL
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