

BONZI SANITATION LANDFILL WMU II-IV FINAL CLOSURE CONSTRUCTION DRAWINGS

PREPARED FOR:

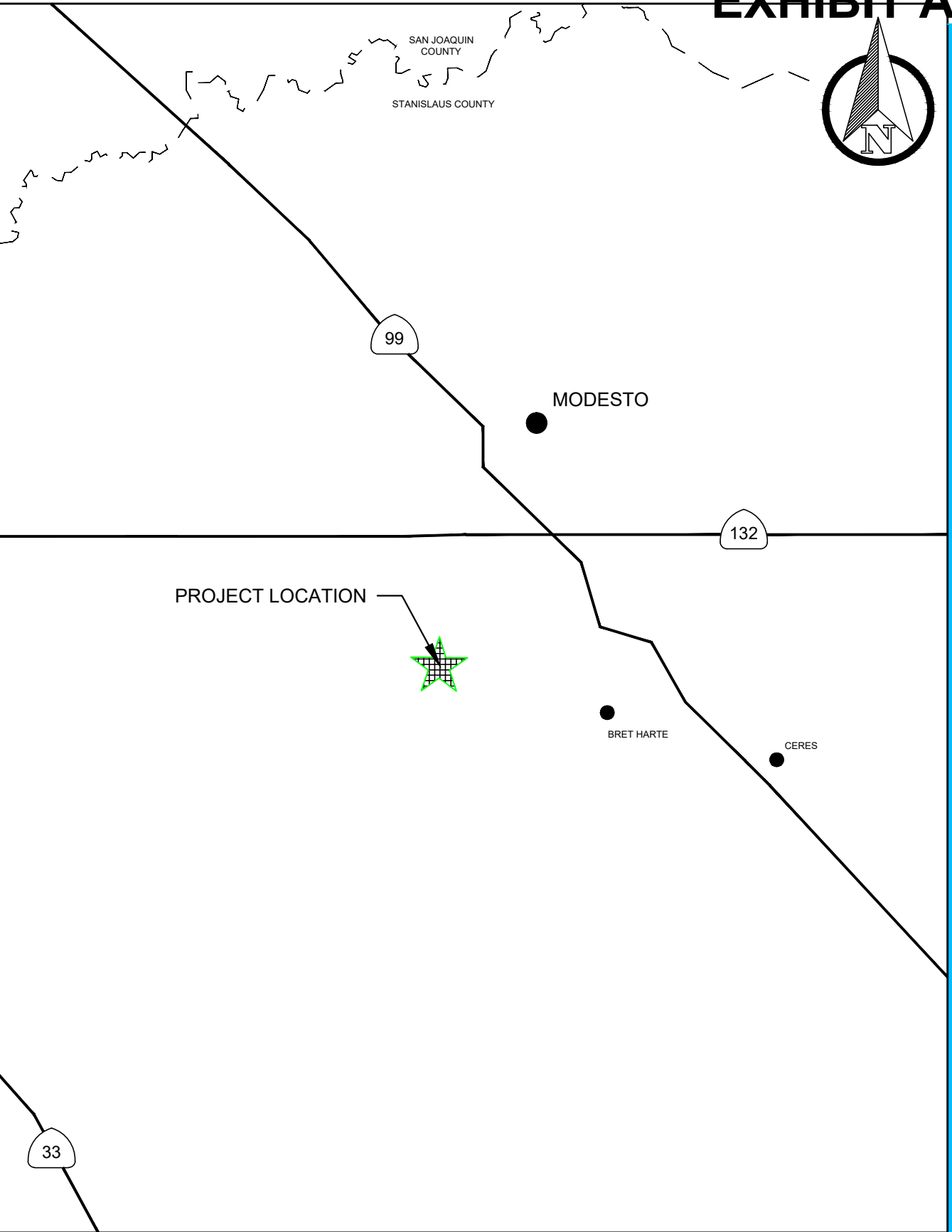


IFB No.: DRR21001, ATTACHMENT B

EXHIBIT A-1



CALIFORNIA COUNTIES

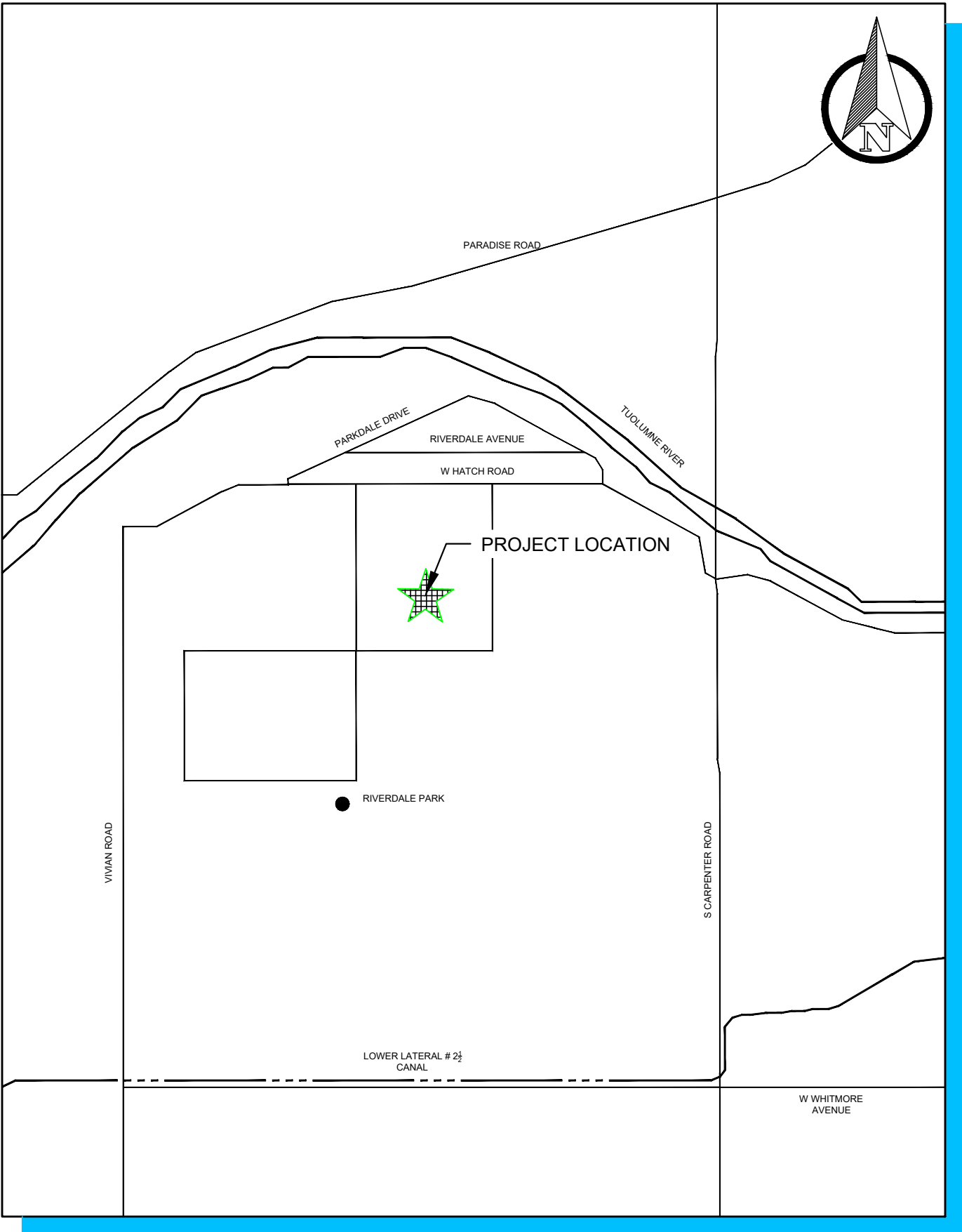
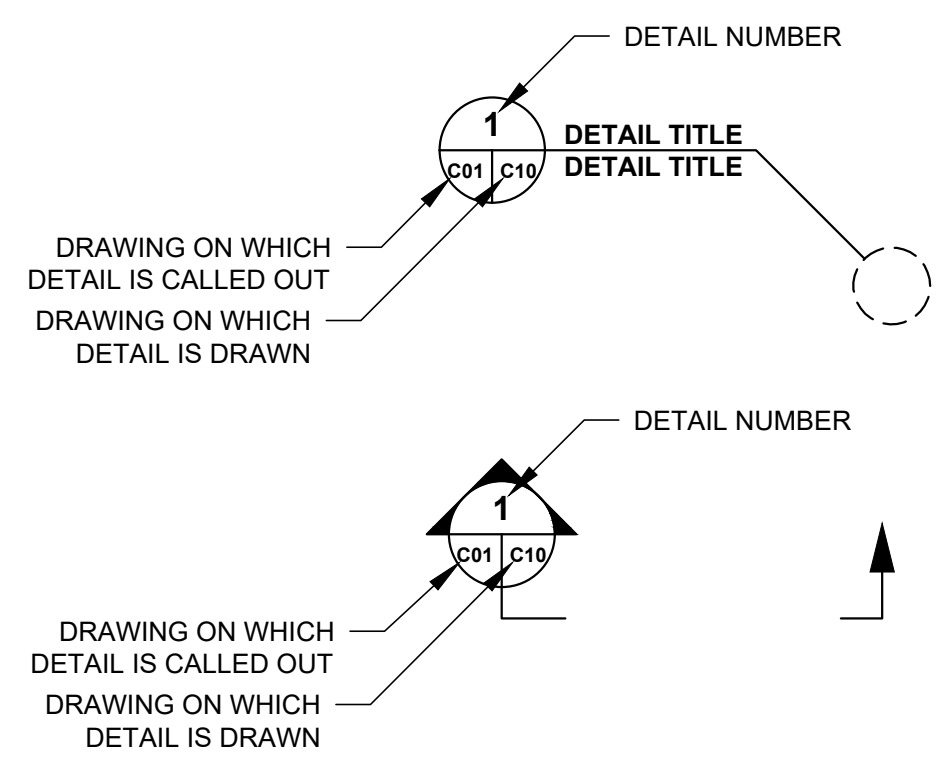


REGIONAL MAP
DRAWING INDEX

ABBREVIATIONS

APPROX	APPROXIMATE	MIN	MINIMUM
CIP	CAST IN PLACE	N	NORTHING
CL	CENTERLINE	NIS	NOT IN SECTION
Ø	DIAMETER	NTS	NOT TO SCALE
E	EASTING	oz	OUNCE
EL	ELEVATION	%	PERCENT
FT	FEET	PCPE	PERFORATED CORRUGATED POLYETHYLENE
GCL	GEOSYNTHETIC CLAY LINER	PL	PLATE
HDPE	HIGH DENSITY POLYETHYLENE	PVC	POLYVINYL CHLORIDE
HP	HIGH POINT	SCH	SCHEDULE
LFG	LANDFILL GAS	TYP	TYPICAL
LLDPE	LINEAR LOW-DENSITY POLYETHYLENE	WMU	WASTE MANAGEMENT UNIT
MAX	MAXIMUM		

SYMBOLS



VICINITY MAP

DRAWING NUMBER	TITLE AND DESCRIPTION	LATEST REVISION NUMBER	LATEST REVISION DATE
GENERAL			
G01	TITLE PAGE	0	2/5/21
G02	EXISTING CONDITIONS AND SITE PLAN	0	2/5/21
G03	EXISTING LANDFILL GAS MONITORING AND COLLECTION SYSTEM	0	2/5/21
G04	DEMOLITION AND DEBRIS REMOVAL PLAN	0	2/5/21
CIVIL			
C01	FOUNDATION LAYER AND STORM WATER RETENTION BASIN GRADING PLAN	0	2/5/21
C02	TOP OF VEGETATIVE & PROTECTIVE COVER GRADING PLAN	0	2/5/21
C03	LANDFILL GAS IMPROVEMENTS PLAN	0	2/5/21
C04	BORROW AREA GRADING PLAN	0	2/5/21
C05	FLOOD CONTROL ARMORING PLAN	0	2/5/21
C06	PROPOSED FENCING PLAN	0	2/5/21
C07	EROSION CONTROL PLAN	0	2/5/21
C08-C09	RESERVED		
C10	DETAILS	0	2/5/21
C11	DETAILS	0	2/5/21
C12	DETAILS	0	2/5/21
C13	DETAILS	0	2/5/21
C14	DETAILS	0	2/5/21
C15	DETAILS	0	2/5/21
C16-C19	RESERVED		

- NOTES
- PIPE BENDS AND GEOSYNTHETICS ARE SHOWN NTS.

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REV. NO.	DATE	DESCRIPTION	APPROVED BY
0	2/5/21	ISSUED FOR CONSTRUCTION	JVR

DATE OF ISSUE:	02/05/2021
DESIGNED BY:	JG
DRAWN BY:	JG/SC
CHECKED BY:	SH
APPROVED BY:	JVR



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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA

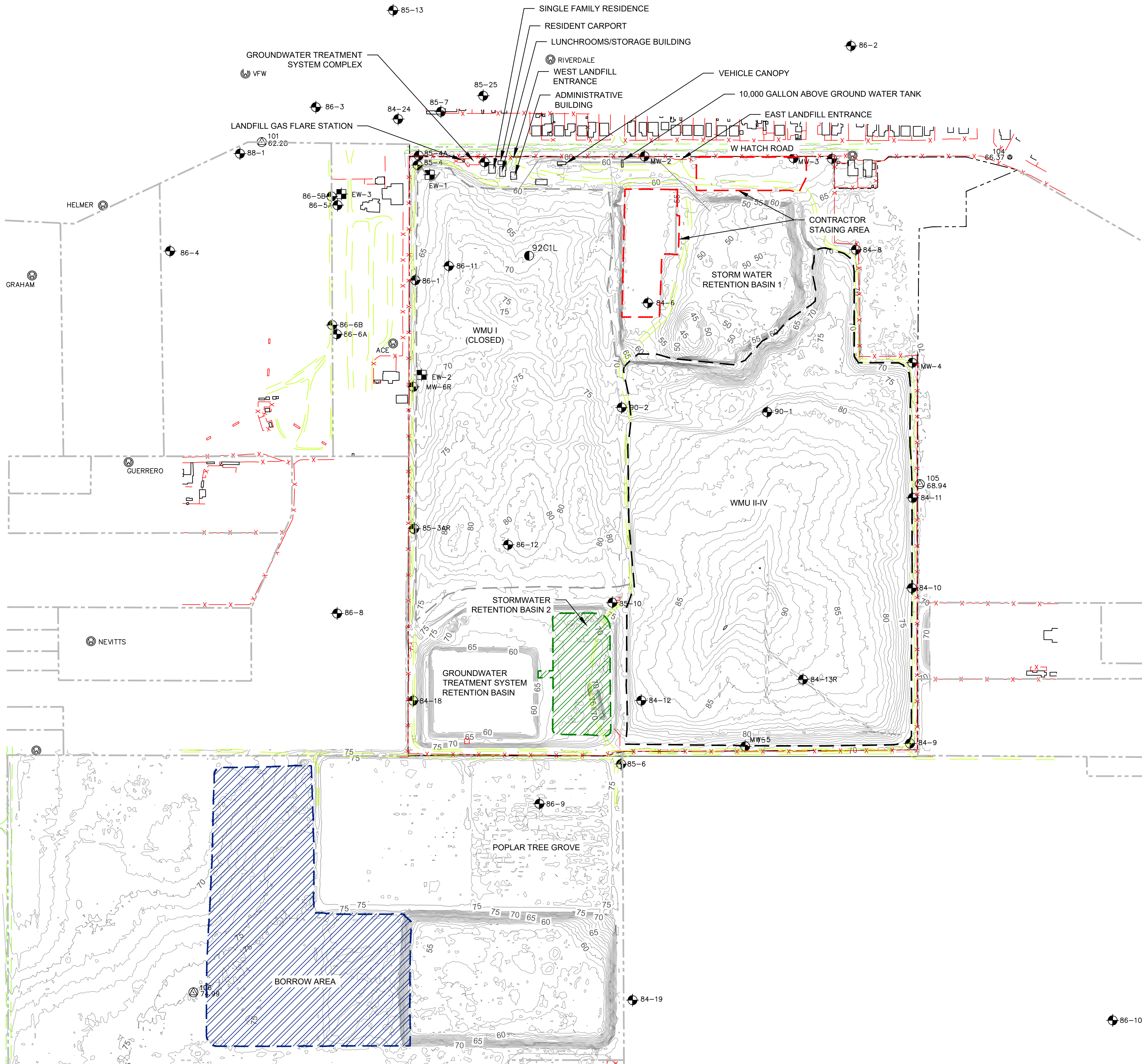
TITLE PAGE

DRAWING NO.
G01

PROJECT NO.
AU20.1181.00

ISSUED FOR CONSTRUCTION

N:\CALRECYCLE\BONZI CLOSURE (AU20.1181)\DRAWINGS\G01 TITLE PAGE.DWG February 5, 2021 - 1:49 PM BY: CLA USER



- LEGEND**
- 80 EXISTING 5' CONTOUR^(1,2)
 - EXISTING 1' CONTOUR^(1,2)
 - EXISTING ROAD PAVED
 - EXISTING ROAD UNPAVED
 - EXISTING STRUCTURE/BUILDING⁽³⁾
 - EXISTING FENCE
 - PROPERTY BOUNDARY (APPROX)
 - ADJACENT PROPERTY BOUNDARY (APPROX)
 - WMU I LIMITS (CLOSED)
 - WMU II-IV LIMITS
 - CONTRACTOR STAGING AREA
 - STORMWATER RETENTION BASIN 2
 - BORROW AREA
 - 105 68.94 CONTROL POINT
 - EW-1 GROUNDWATER EXTRACTION WELL (APPROX)
 - MW-1 GROUNDWATER MONITORING WELL (APPROX)
 - ACE OFFSITE DOMESTIC WELL (APPROX)
 - 92C1L LEACHATE MONITORING POINT (APPROX)
 - 84-11 OTHER WELL (APPROX)

- NOTES**
- EXISTING TOPOGRAPHY BASED ON AERIAL SURVEY PERFORMED BY NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14, 2020.
 - TO PROVIDE ADDITIONAL TOPOGRAPHIC RESOLUTION, ONE FOOT CONTOURS WERE GENERATED BY GEO-LOGIC AND ARE BASED ON THE AERIAL TOPOGRAPHIC MAP BY NORTHERN CALIFORNIA GEOMATICS.
 - PROTECT EXISTING STRUCTURES NOT SPECIFIED FOR DEMOLITION ON G04.

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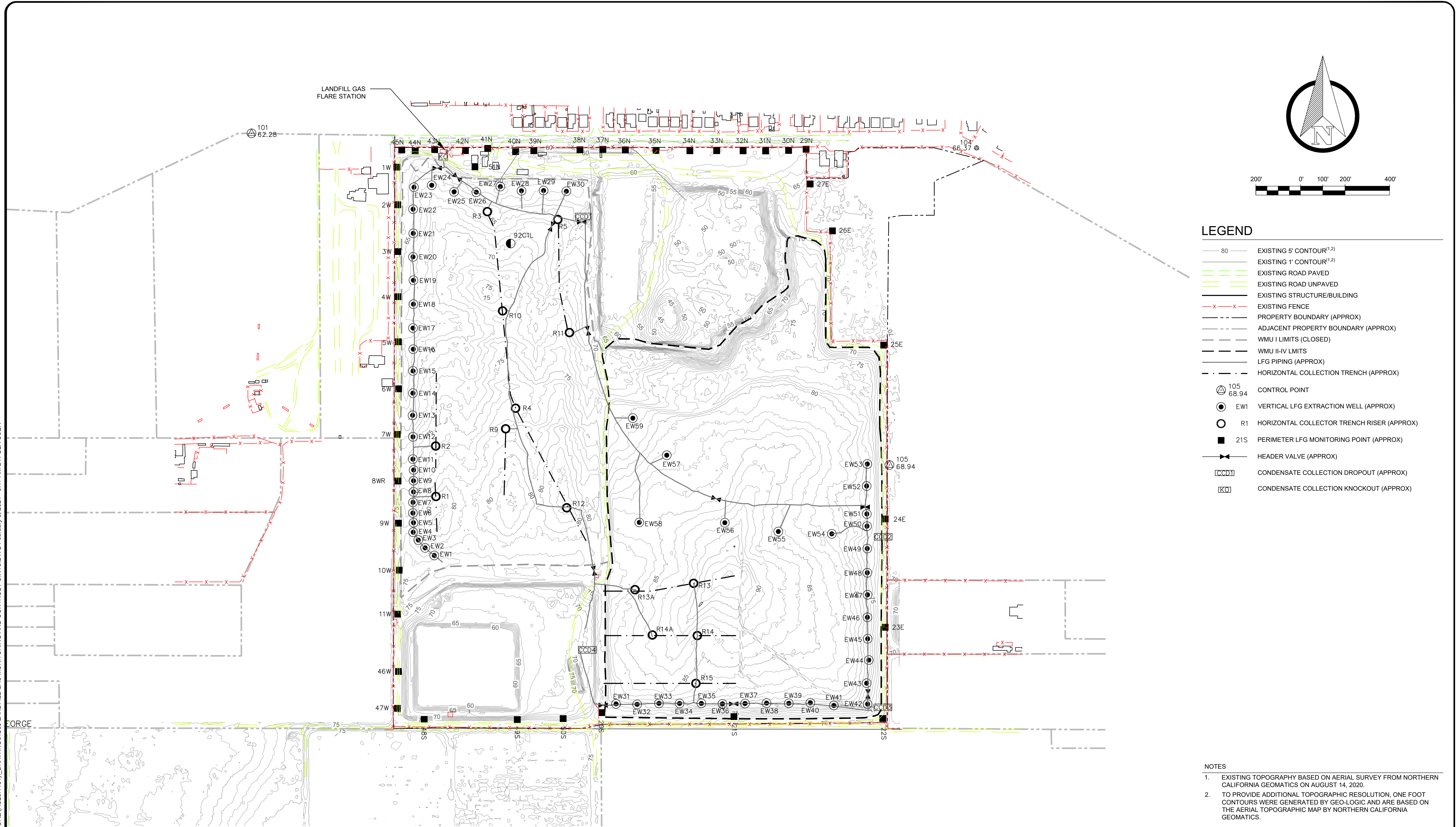
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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA
EXISTING CONDITIONS AND SITE PLAN

DRAWING NO.
G02
PROJECT NO.
AU20.1181.00

N:\CAL\RECYCLE\BONZI CLOSURE (AU20.1181)\DRAWINGS\G03 LANDFILL GAS MONITORING AND CONTROL POINTS.DWG February 5, 2021 - 9:17 AM BY: GLA USER



- NOTES
- EXISTING TOPOGRAPHY BASED ON AERIAL SURVEY FROM NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14, 2020.
 - TO PROVIDE ADDITIONAL TOPOGRAPHIC RESOLUTION, ONE FOOT CONTOURS WERE GENERATED BY GEO-LOGIC AND ARE BASED ON THE AERIAL TOPOGRAPHIC MAP BY NORTHERN CALIFORNIA GEOMATICS.

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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA
EXISTING LANDFILL GAS MONITORING AND
COLLECTION SYSTEM

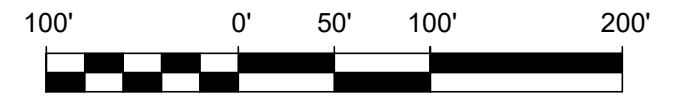
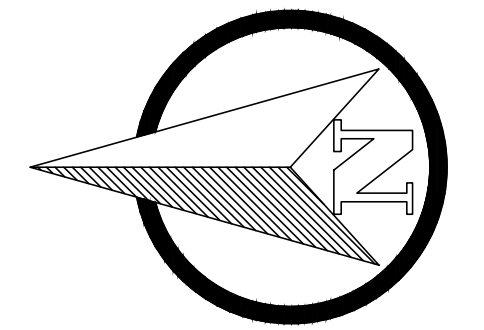
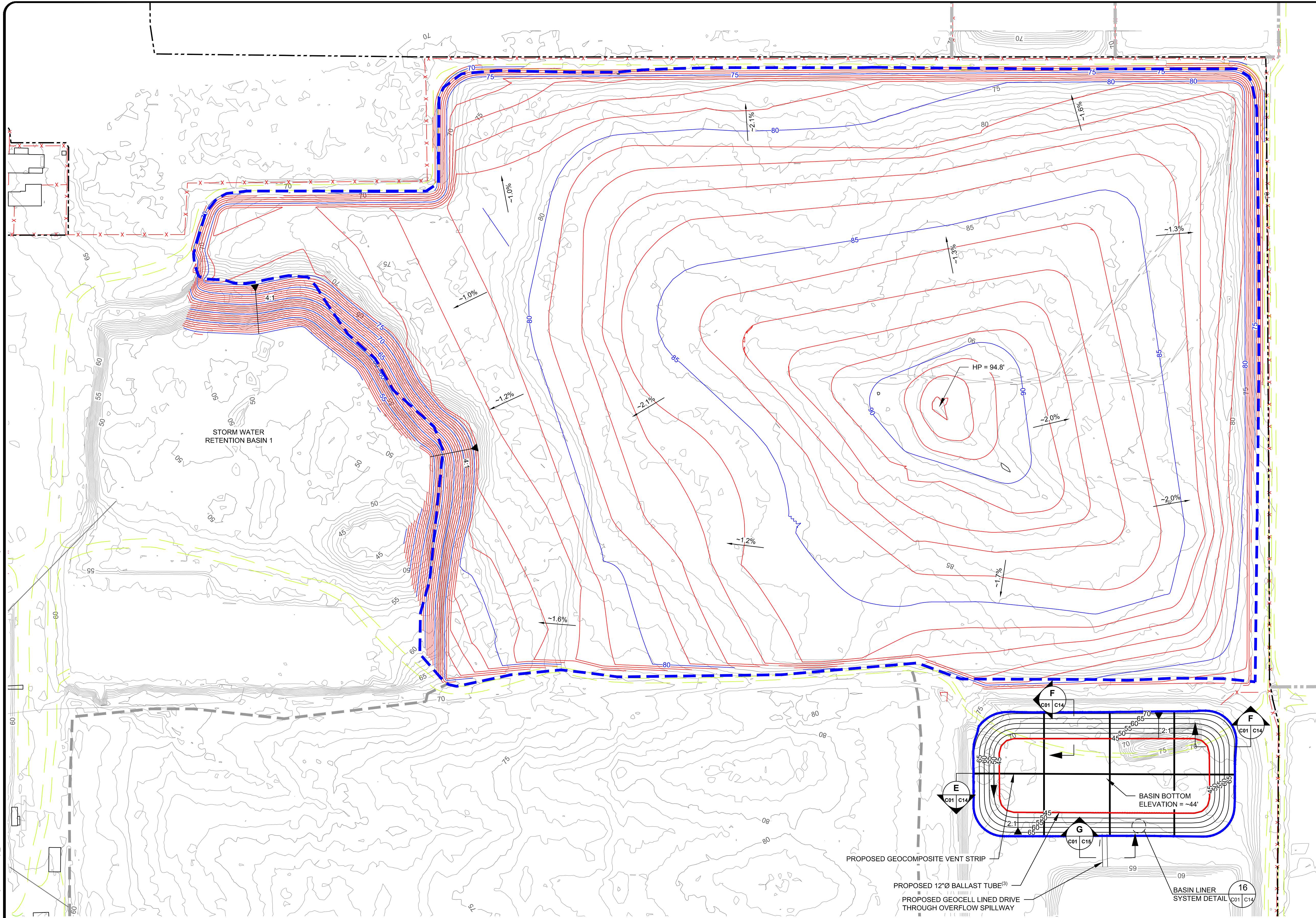
DRAWING NO.

G03

PROJECT NO.
AU20.1181.00

ISSUED FOR CONSTRUCTION

N:\CAL\RECYCLE\BONZI CLOSURE (AU20.1181)\DRAWINGS\C01 ACCESS ROAD AND PERIMETER CHANNEL GRADING PLAN.DWG February 5, 2021 - 3:12 PM BY: GLA USER



LEGEND

- 80 EXISTING 5' CONTOUR^(1,2)
- EXISTING 1' CONTOUR^(1,2)
- 80 PROPOSED 5' TOP OF FOUNDATION LAYER CONTOUR
- PROPOSED 1' TOP OF FOUNDATION LAYER CONTOUR
- 80 PROPOSED 5' RETENTION BASIN CONTOUR
- EXISTING ROAD UNPAVED
- EXISTING STRUCTURE/BUILDING
- EXISTING FENCE
- EXISTING PIPE
- EXISTING CULVERT
- PROPERTY BOUNDARY (APPROX)
- ADJACENT PROPERTY BOUNDARY (APPROX)
- WMU I LIMITS (CLOSED)
- WMU II-IV GEOMEMBRANE LIMIT
- PROPOSED GEOCOMPOSITE VENT STRIP
- PROPOSED BASIN GEOMEMBRANE LINER LIMIT
- PROPOSED 12"Ø BALLAST TUBE⁽³⁾

APPROXIMATE QUANTITIES

FOUNDATION LAYER:	117,500 CY
STORM WATER RETENTION BASIN 2 EXCAVATION:	87,200 CY

NOTES

- EXISTING TOPOGRAPHY BASED ON AERIAL SURVEY PERFORMED BY NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14, 2020.
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- SEGMENTED SAND-CEMENT SLURRY FILLED BALLAST TUBE AT TOE OF SLOPE, MIX DENSITY AT 110 PCF. TUBE TO BE SITE FABRICATED FROM THE 40-MIL LLDPE GEOMEMBRANE OR AS APPROVED BY THE ENGINEER.

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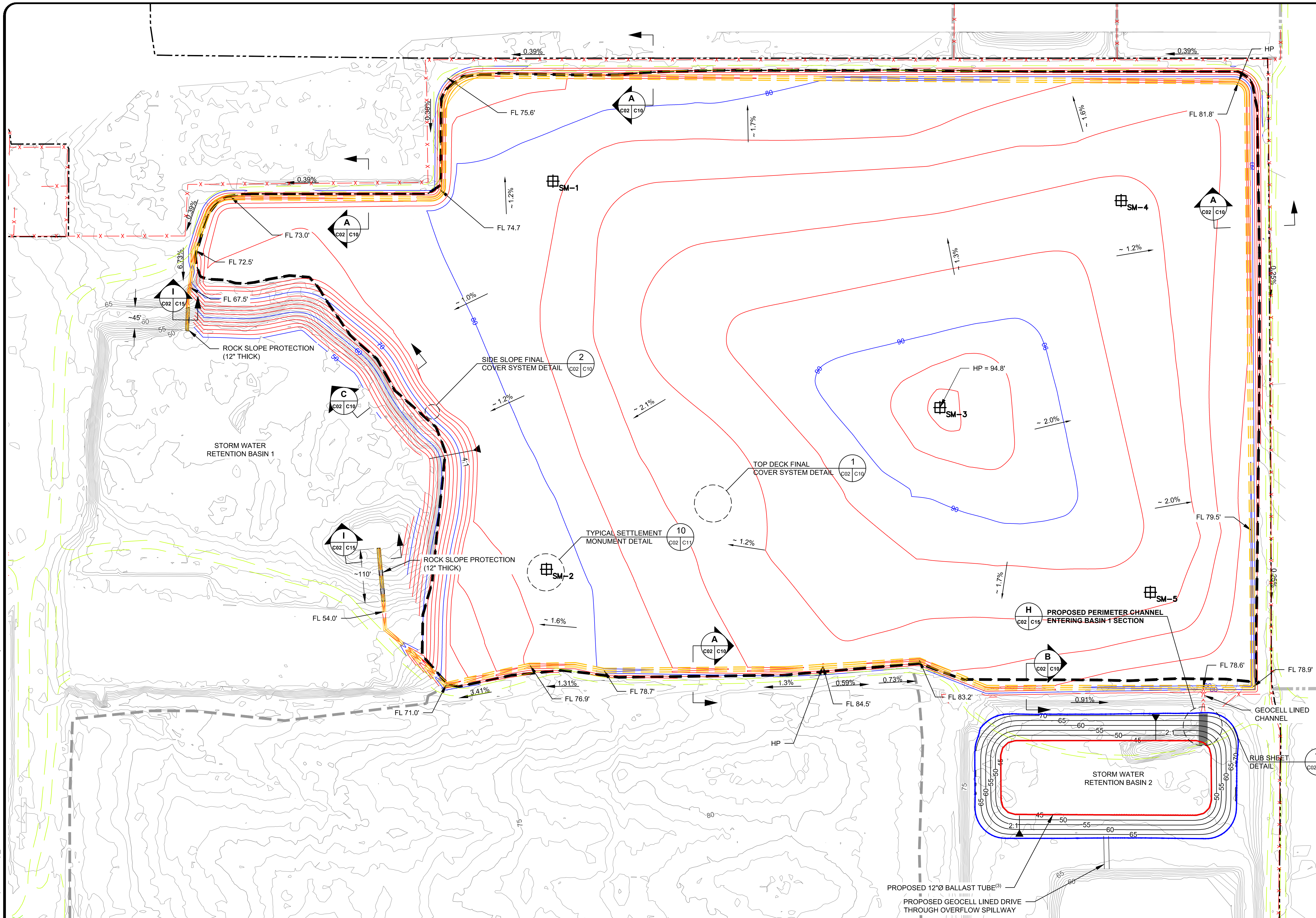
BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA
FOUNDATION LAYER AND STORM WATER
RETENTION BASIN GRADING PLAN

DRAWING NO.

C01

PROJECT NO.
AU20.1181.00

N:\CALRECYCLE\BONZI CLOSURE (AU20.1181)\DRAWINGS\C02 FINAL COVER GRADING PLAN.DWG February 5, 2021 - 3:23 PM BY: GLA USER



LEGEND

- 80 EXISTING 5' CONTOUR^(1,2)
- 80 EXISTING 1' CONTOUR^(1,2)
- 80 PROPOSED 5' TOP OF VEGETATIVE/PROTECTIVE COVER CONTOUR
- 80 PROPOSED 1' TOP OF VEGETATIVE/PROTECTIVE COVER CONTOUR
- 80 PROPOSED 5' RETENTION BASIN CONTOUR
- EXISTING ROAD PAVED
- EXISTING ROAD UNPAVED
- EXISTING FENCE
- PROPERTY BOUNDARY (APPROX)
- ADJACENT PROPERTY BOUNDARY (APPROX)
- WMU I LIMIT (CLOSED)
- WMU II-IV LIMITS
- PROPOSED GEOCOMPOSITE VENT STRIP
- PROPOSED BASIN GEOMEMBRANE LINER LIMIT
- PROPOSED 12"Ø BALLAST TUBE⁽³⁾
- PROPOSED HINGELINE
- PROPOSED SETTLEMENT MONUMENT
- ROCK SLOPE PROTECTION

QUANTITIES

VOLUME OF VEGETATIVE/PROTECTIVE COVER: 132,700 CY

NOTES

- EXISTING TOPOGRAPHY, THE ACCESS ROAD, AND THE PERIMETER CHANNEL GRADES ARE BASED ON AERIAL SURVEY PERFORMED BY NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14.
- TO PROVIDE ADDITIONAL TOPOGRAPHIC RESOLUTION, ONE FOOT CONTOURS WERE GENERATED BY GEO-LOGIC AND ARE BASED ON THE AERIAL TOPOGRAPHIC MAP BY NORTHERN CALIFORNIA GEOMATICS.
- SEGMENTED SAND-CEMENT SLURRY FILLED BALLAST TUBE AT TOE OF SLOPE, MIX DENSITY AT 110 PCF. TUBE TO BE SITE FABRICATED FROM THE 40-MIL LLDPE GEOMEMBRANE OR AS APPROVED BY THE ENGINEER.

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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA
TOP OF VEGETATIVE & PROTECTIVE COVER
GRADING PLAN

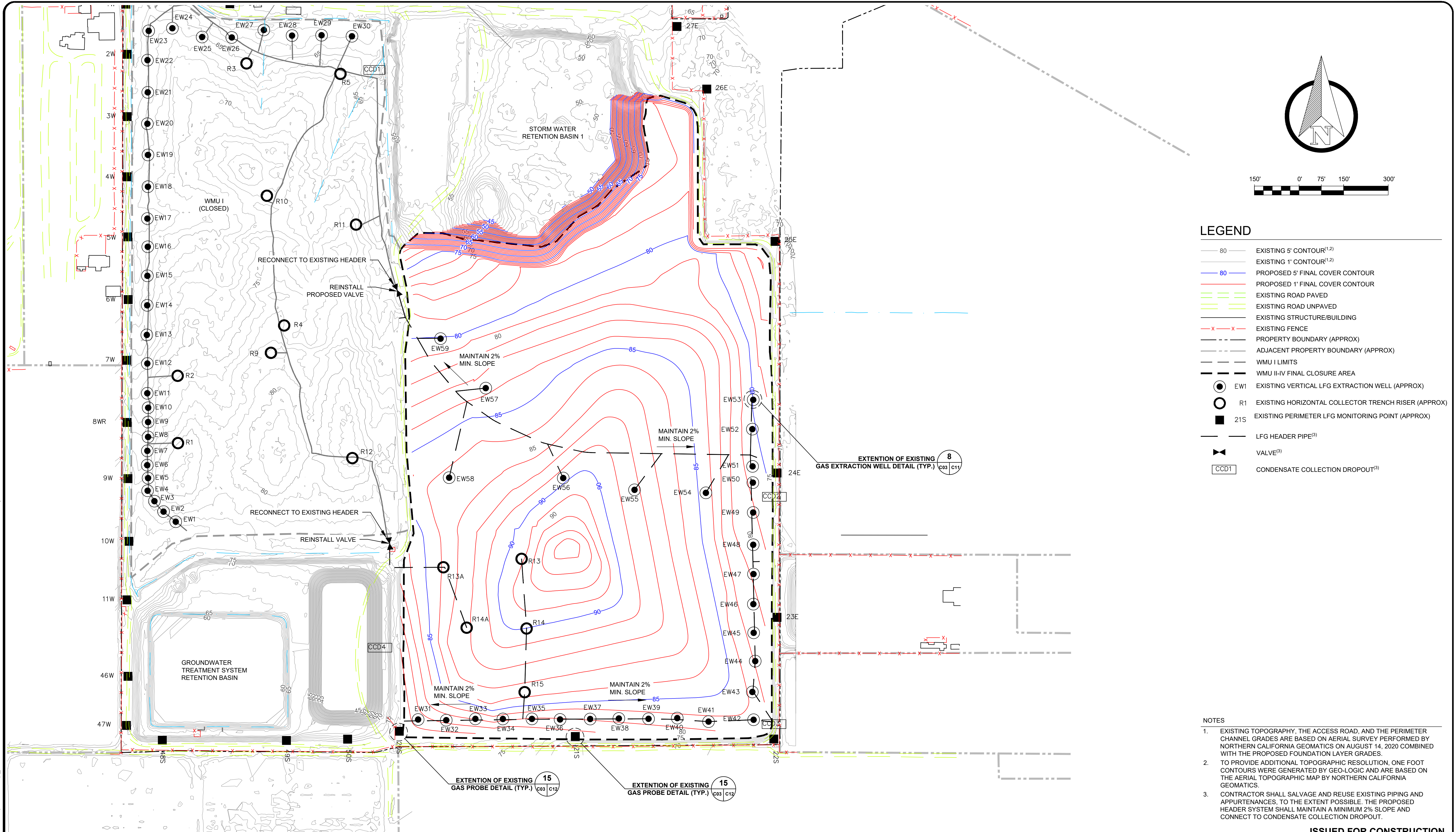
DRAWING NO.

C02

PROJECT NO.

AU20.1181.00

N:\CAL\RECYCLE\BONZI CLOSURE (AU20.1181)\DRAWINGS\C03 PROPOSED LANDFILL GAS SYSTEM IMPROVEMENTS PLAN.DWG February 5, 2021 - 8:27 AM BY: GLA USER



LEGEND

80

EXISTING 5' CONTOUR^(1,2)

80

EXISTING 1' CONTOUR^(1,2)

80

PROPOSED 5' FINAL COVER CONTOUR

80

PROPOSED 1' FINAL COVER CONTOUR

EXISTING ROAD PAVED

EXISTING ROAD UNPAVED

EXISTING STRUCTURE/BUILDING

X X

EXISTING FENCE

- - -

PROPERTY BOUNDARY (APPROX)

- - -

ADJACENT PROPERTY BOUNDARY (APPROX)

- - -

WMU I LIMITS

- - -

WMU II-IV FINAL CLOSURE AREA

EW1

EXISTING VERTICAL LFG EXTRACTION WELL (APPROX)

R1

EXISTING HORIZONTAL COLLECTOR TRENCH RISER (APPROX)

21S

EXISTING PERIMETER LFG MONITORING POINT (APPROX)

LFG HEADER PIPE⁽³⁾

VALVE⁽³⁾

VALVE⁽³⁾

CCD1

CONDENSATE COLLECTION DROPOUT⁽³⁾

- NOTES
1.

EXISTING TOPOGRAPHY, THE ACCESS ROAD, AND THE PERIMETER CHANNEL GRADES ARE BASED ON AERIAL SURVEY PERFORMED BY NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14, 2020 COMBINED WITH THE PROPOSED FOUNDATION LAYER GRADES.
2.

TO PROVIDE ADDITIONAL TOPOGRAPHIC RESOLUTION, ONE FOOT CONTOURS WERE GENERATED BY GEO-LOGIC AND ARE BASED ON THE AERIAL TOPOGRAPHIC MAP BY NORTHERN CALIFORNIA GEOMATICS.
3.

CONTRACTOR SHALL SALVAGE AND REUSE EXISTING PIPING AND APPURTENANCES, TO THE EXTENT POSSIBLE. THE PROPOSED HEADER SYSTEM SHALL MAINTAIN A MINIMUM 2% SLOPE AND CONNECT TO CONDENSATE COLLECTION DROPOUT.

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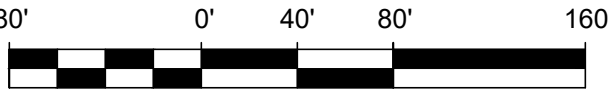
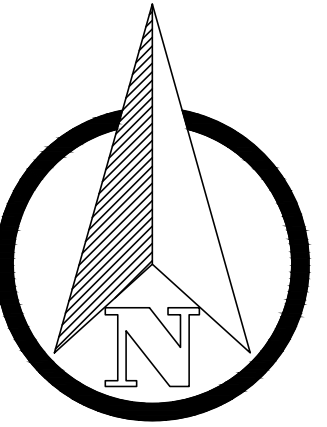
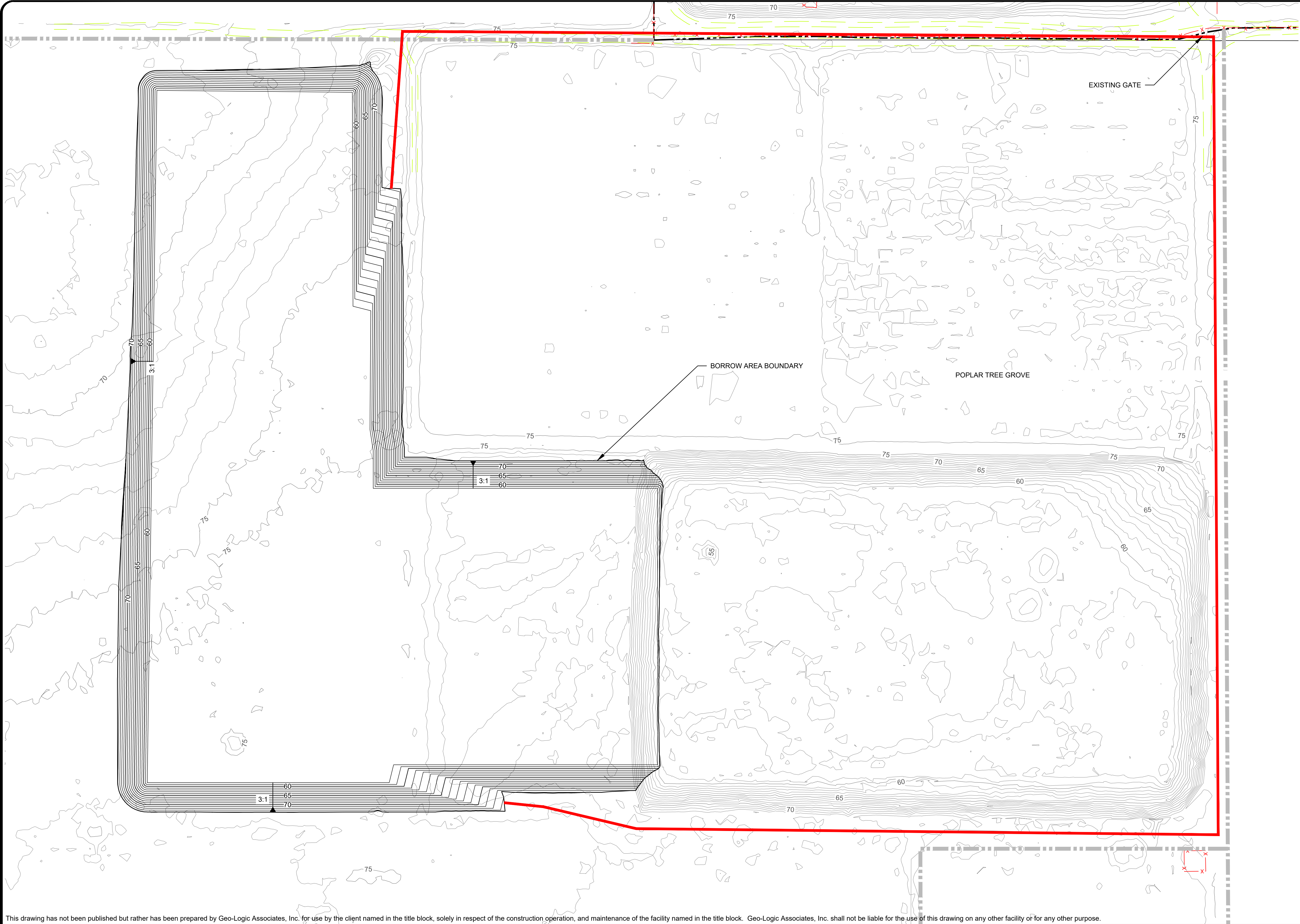
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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA
LANDFILL GAS IMPROVEMENTS PLAN

DRAWING NO.
C03

PROJECT NO.
AU20.1181.00



LEGEND

- EXISTING 5' CONTOUR^(1,2)
- EXISTING 1' CONTOUR^(1,2)
- GRADING 5' CONTOUR
- GRADING 1' CONTOUR
- EXISTING FENCE
- PROPERTY BOUNDARY (APPROX)
- ADJACENT PROPERTY BOUNDARY (APPROX)
- HAUL ROUTE TO CLOSURE AREA

QUANTITIES

TOTAL APPROXIMATE VOLUME OF BORROW AREA: 158,000 CY

NOTES

- EXISTING TOPOGRAPHY BASED ON AERIAL SURVEY PERFORMED BY NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14, 2020.
- TO PROVIDE ADDITIONAL TOPOGRAPHIC RESOLUTION, ONE FOOT CONTOURS WERE GENERATED BY GEO-LOGIC AND ARE BASED ON THE AERIAL TOPOGRAPHIC MAP BY NORTHERN CALIFORNIA GEOMATICS.
- CONTACTOR TO ESTABLISH HAUL TRUCK ROUTE TO CLOSURE AREA AND RETURN ROADS TO ORIGINAL CONDITION AFTER CONSTRUCTION. ALL HAUL ROUTES AND ANY NECESSARY ROADS, GATES, AND FENCES TO BE APPROVED IN ADVANCE BY THE OWNER.

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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA

BORROW AREA GRADING PLAN

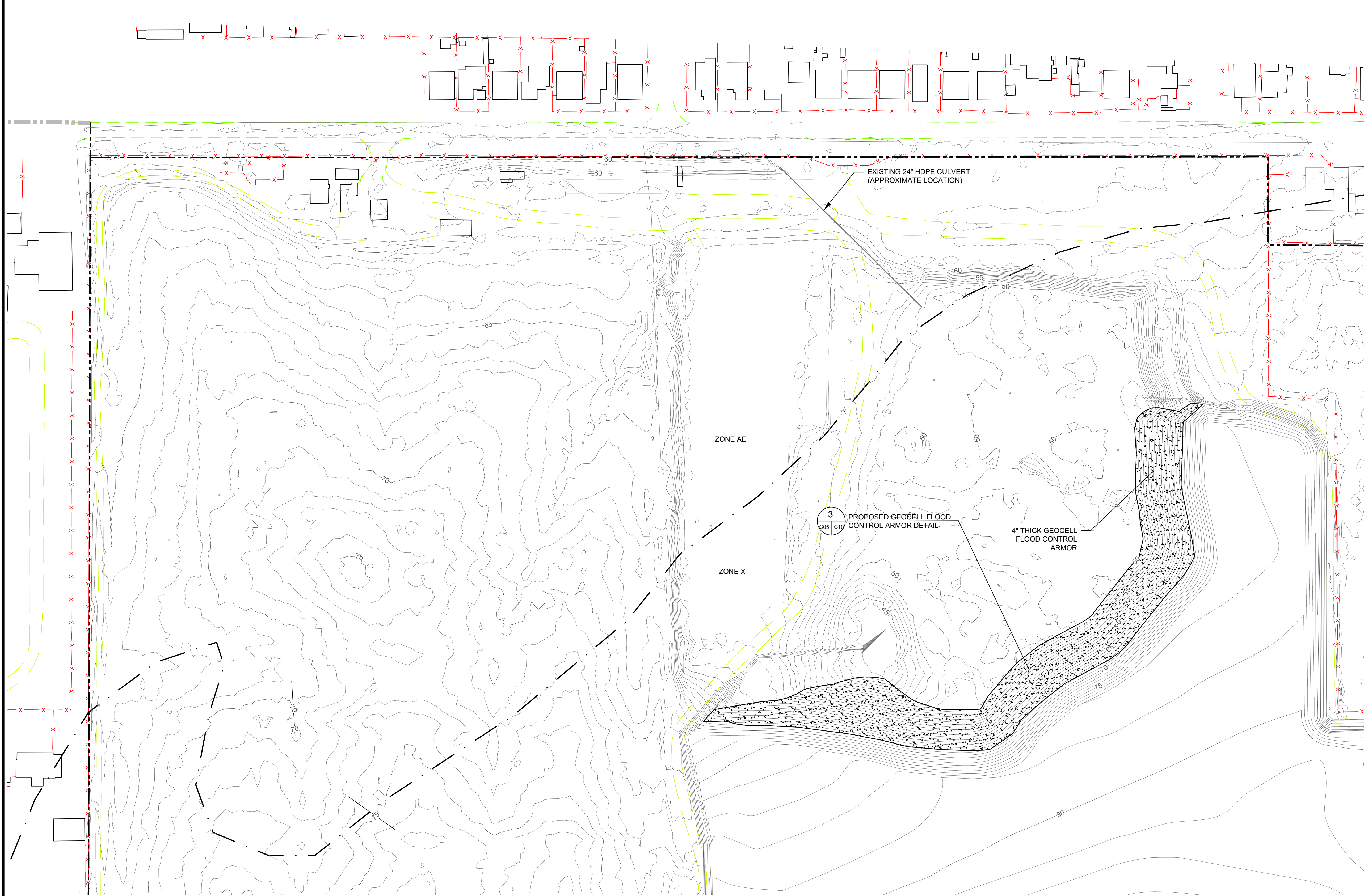
DRAWING NO.

C04

PROJECT NO.
AU20.1181.00

N:\CAL\RECYCLE\BONZI CLOSURE (AU20.1181)\DRAWINGS\C04 BORROW AREA GRADING PLAN.DWG February 5, 2021 - 10:38 AM BY: GLA USER

N:\CAL\RECYCLE\BONZI CLOSURE (AU20.1181)\DRAWINGS\C05 FLOOD CONTROL ARMORING PLAN.DWG February 5, 2021 - 1:50 PM BY: GLA USER



LEGEND

- 80 EXISTING/VEGETATIVE/PROTECTIVE COVER 5' CONTOUR^(1,2)
- EXISTING/VEGETATIVE/PROTECTIVE COVER 1' CONTOUR^(1,2)
- EXISTING ROAD PAVED
- EXISTING ROAD UNPAVED
- EXISTING STRUCTURE/BUILDING⁽³⁾
- EXISTING FENCE
- PROPERTY BOUNDARY (APPROX)
- ADJACENT PROPERTY BOUNDARY (APPROX)
- FEMA FLOOD PLAIN BOUNDARY
- EXISTING CULVERT (APPROX)
- GEOCELL FLOOD CONTROL ARMOR⁽⁴⁾

APPROXIMATE QUANTITIES

AREA OF GEOCELL FLOOD CONTROL ARMOR: 74,500 SF

NOTES

- EXISTING TOPOGRAPHY BASED ON AERIAL SURVEY PERFORMED BY NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14, 2020 AND COMBINED WITH VEGETATIVE/PROTECTIVE COVER GRADES.
- TO PROVIDE ADDITIONAL TOPOGRAPHIC RESOLUTION, ONE FOOT CONTOURS WERE GENERATED BY GEO-LOGIC AND ARE BASED ON THE AERIAL TOPOGRAPHIC MAP BY NORTHERN CALIFORNIA GEOMATICS.
- PROTECT EXISTING STRUCTURES NOT SPECIFIED FOR DEMOLITION ON G04.
- THE SLOPES SHALL BE ARMORED WITH GEOCELL TO AN ELEVATION OF 68'.

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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA

FLOOD CONTROL ARMORING PLAN

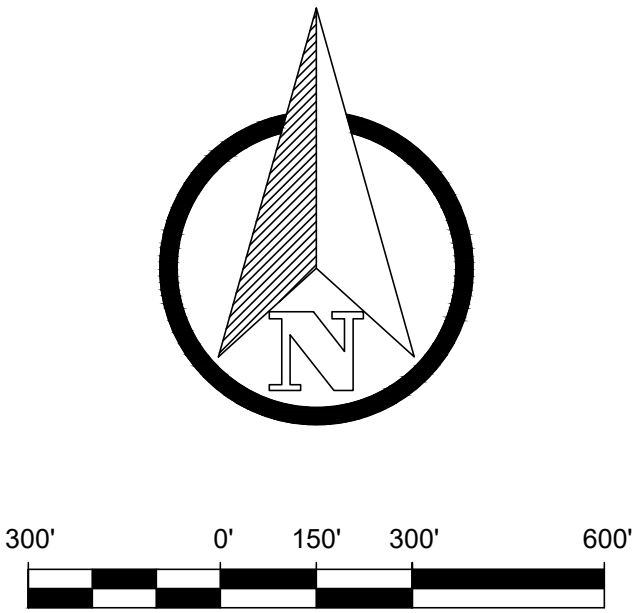
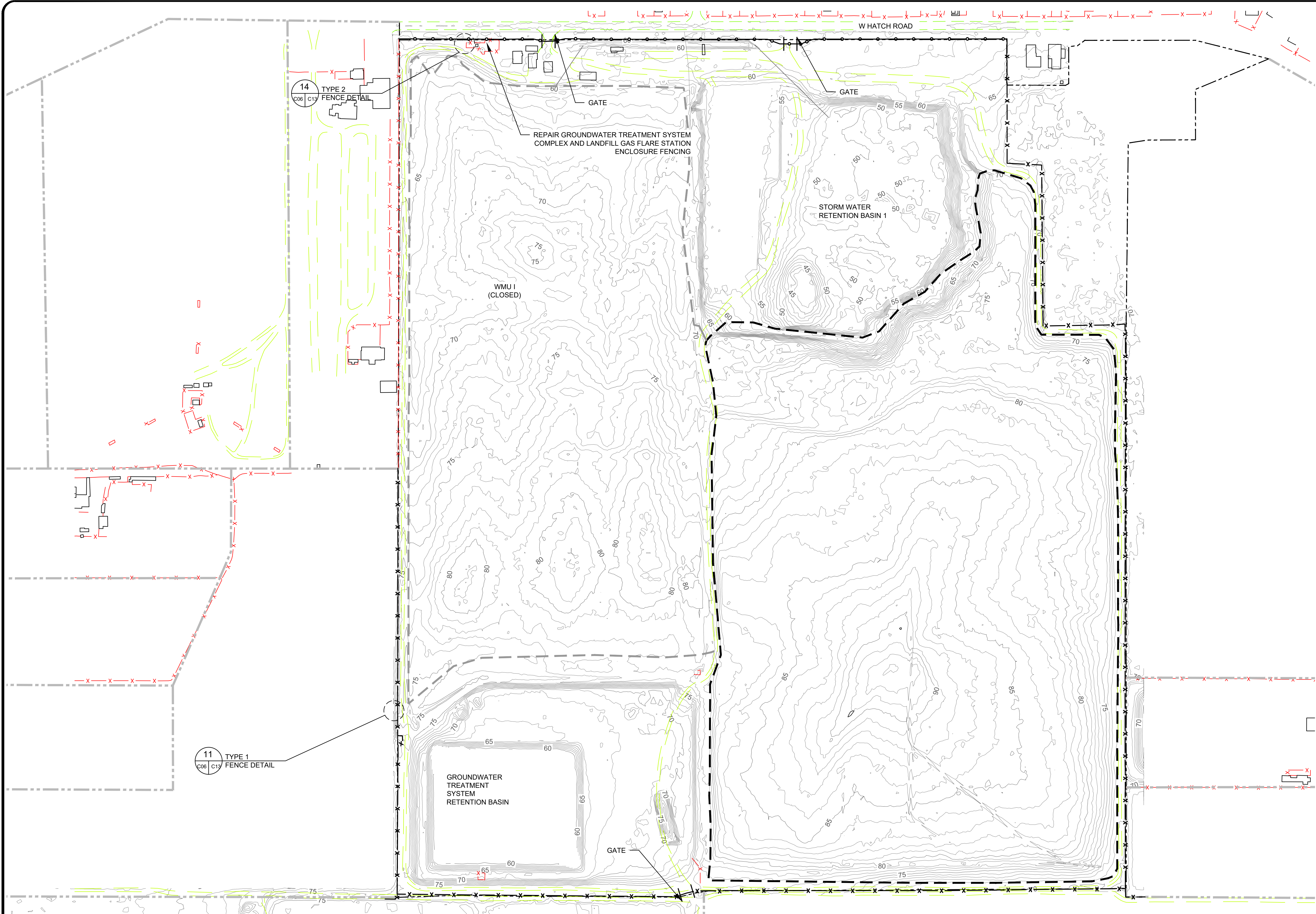
DRAWING NO.

C05

PROJECT NO.

AU20.1181.00

N:\CAL\RECYCLE\BONZI CLOSURE (AU20.1181)_DRAWINGS\C06 PROPOSED FENCING PLAN.DWG February 5, 2021 - 9:40 AM BY: CLJ USER



LEGEND

- 80 EXISTING 5' CONTOUR^(1,2)
- EXISTING 1' CONTOUR^(1,2)
- EXISTING ROAD PAVED
- EXISTING ROAD UNPAVED
- EXISTING STRUCTURE/BUILDING⁽³⁾
- X-X- EXISTING FENCE TO REMAIN
- X-X- PROPOSED CHAIN-LINK TYPE 1 FENCE
- X-X- PROPOSED CHAIN-LINK TYPE 2 FENCE
- || PROPOSED GATE
- - - PROPERTY BOUNDARY (APPROX)
- - - ADJACENT PROPERTY BOUNDARY (APPROX)
- - - WMU I LIMITS (CLOSED)
- - - WMU II-IV LIMITS

- NOTES
- EXISTING TOPOGRAPHY BASED ON AERIAL SURVEY PERFORMED BY NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14, 2020.
 - TO PROVIDE ADDITIONAL TOPOGRAPHIC RESOLUTION, ONE FOOT CONTOURS WERE GENERATED BY GEO-LOGIC AND ARE BASED ON THE AERIAL TOPOGRAPHIC MAP BY NORTHERN CALIFORNIA GEOMATICS.
 - PROTECT EXISTING STRUCTURES NOT SPECIFIED FOR DEMOLITION ON G04.

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DATE OF ISSUE: 02/05/2021
DESIGNED BY: JG
DRAWN BY: JG/SC
CHECKED BY: SH
APPROVED BY: JVR



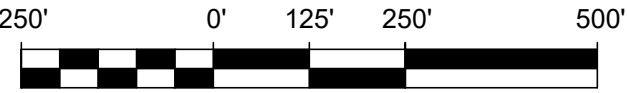
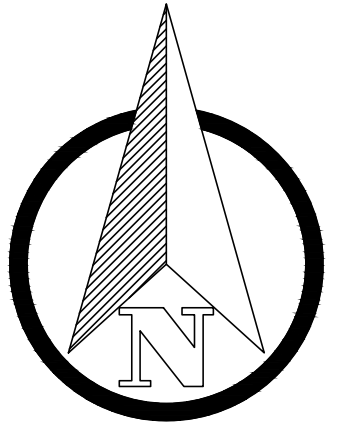
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ASSOCIATES

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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA
PROPOSED FENCING PLAN

DRAWING NO.
C06
PROJECT NO.
AU20.1181.00



LEGEND

- 80 EXISTING 5' CONTOUR^(1,2)
- EXISTING 1' CONTOUR^(1,2)
- EXISTING ROAD PAVED
- EXISTING ROAD UNPAVED
- EXISTING STRUCTURE/BUILDING
- EXISTING FENCE
- PROPERTY BOUNDARY (APPROX)
- ADJACENT PROPERTY BOUNDARY (APPROX)
- WMU I LIMITS
- WMU II-IV FINAL CLOSURE AREA
- PROPOSED 24"Ø CMP CULVERT
- PROPOSED STRAW WATTLES⁽³⁾
- HYDROSEEDING AREA

NOTES

- EXISTING TOPOGRAPHY BASED ON AERIAL SURVEY PERFORMED BY NORTHERN CALIFORNIA GEOMATICS ON AUGUST 14, 2020.
- TO PROVIDE ADDITIONAL TOPOGRAPHIC RESOLUTION, ONE FOOT CONTOURS WERE GENERATED BY GEO-LOGIC AND ARE BASED ON THE AERIAL TOPOGRAPHIC MAP BY NORTHERN CALIFORNIA GEOMATICS.
- REFER TO SE-5 IN THE CASQA CONSTRUCTION BMP ONLINE HANDBOOK (2019) FOR INSTALLATION.

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BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
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STANISLAUS COUNTY, CALIFORNIA

EROSION CONTROL PLAN

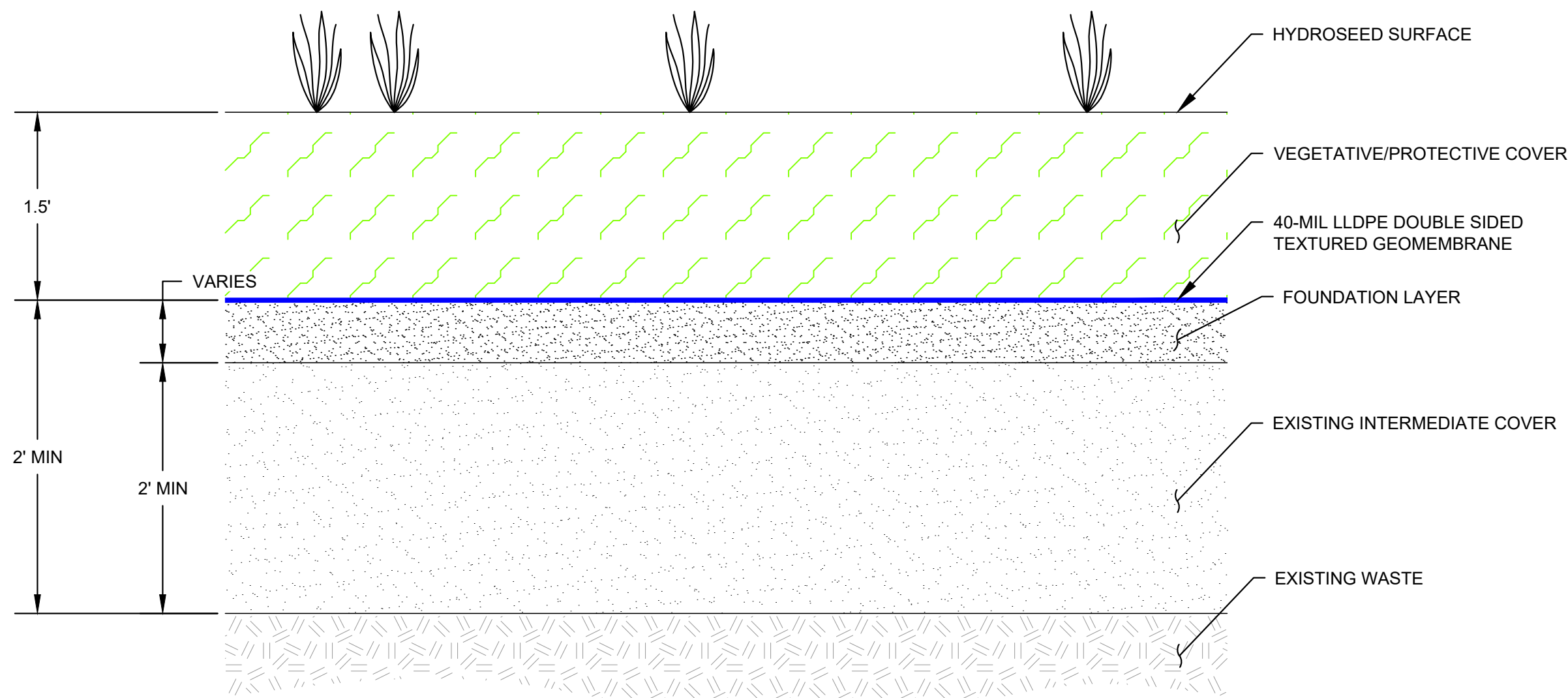
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C07

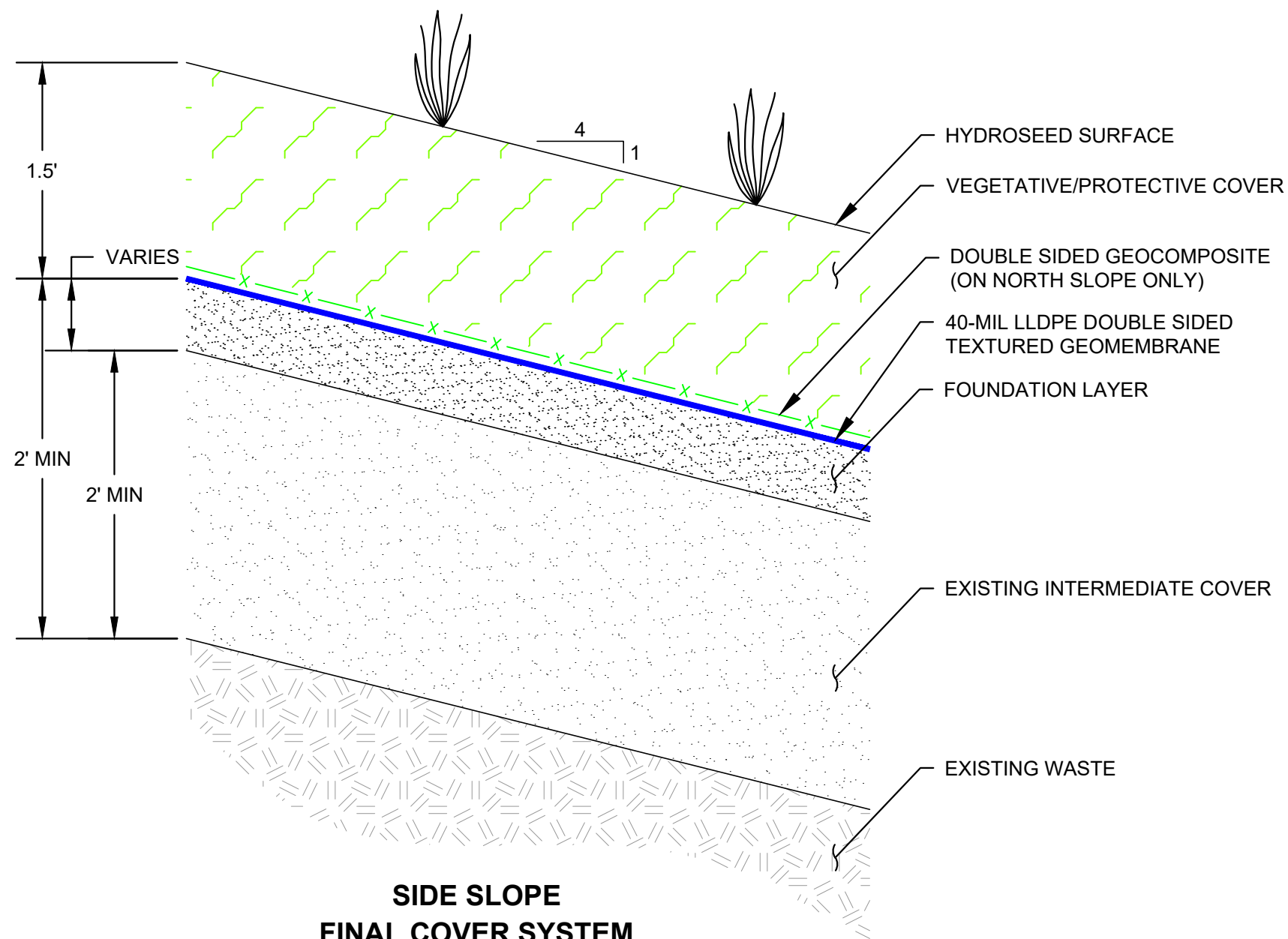
PROJECT NO.
AU20.1181.00

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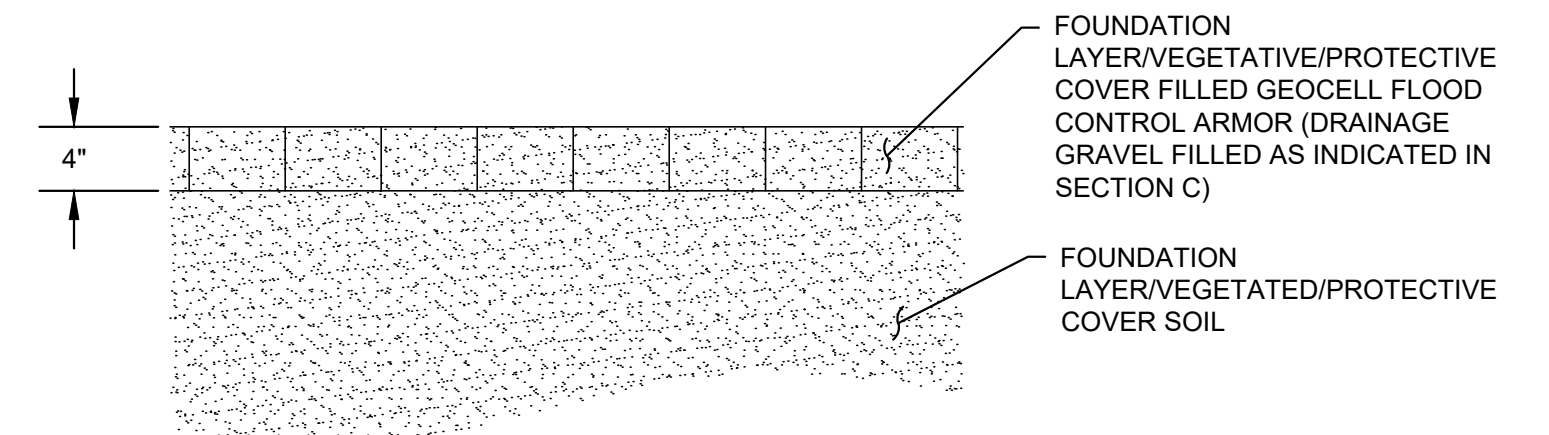
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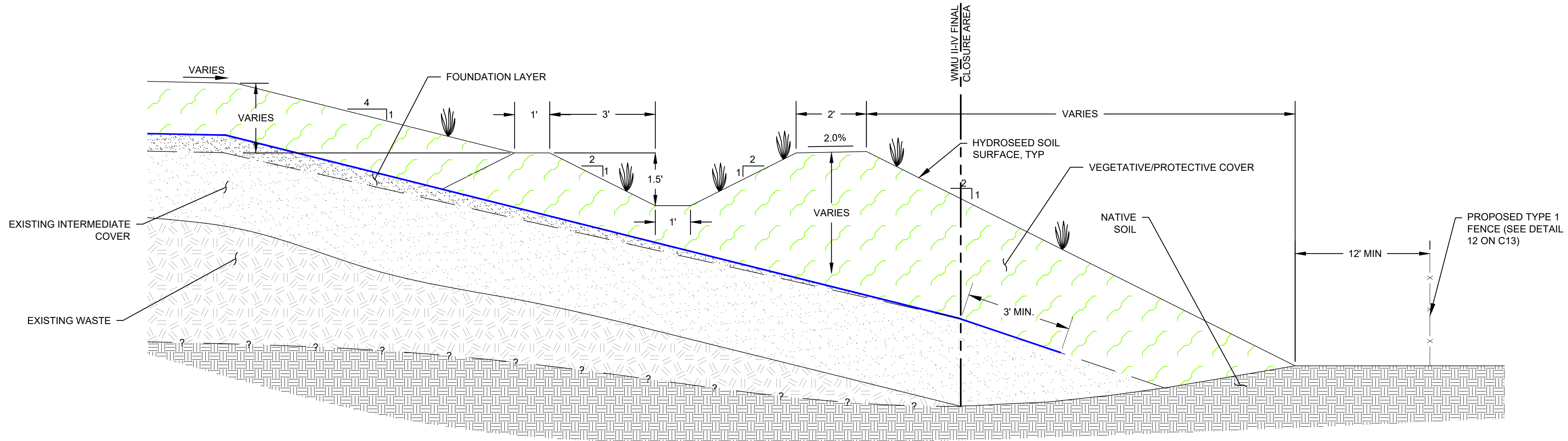
TOP DECK
FINAL COVER SYSTEM
DETAIL 1
1" = 1'



SIDE SLOPE
FINAL COVER SYSTEM
DETAIL 2
1" = 1'



PROPOSED GEOCELL
FLOOD CONTROL ARMOR
DETAIL 3
1" = 1'



NORTHWEST, EAST AND SOUTH
PERIMETER CHANNEL
SECTION A
1" = 2'

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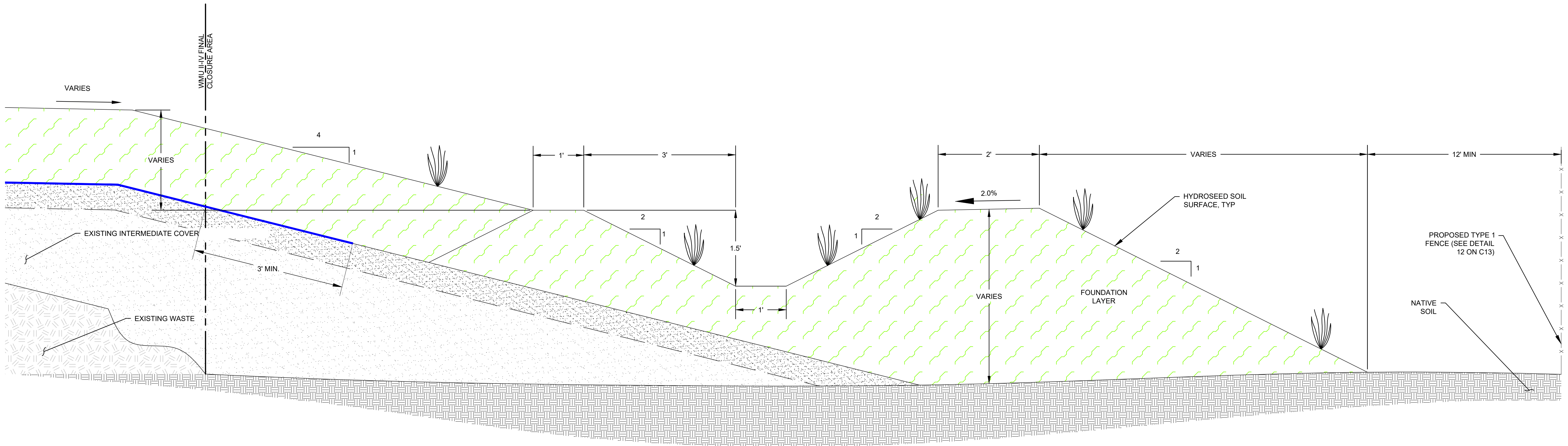
BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA

DETAILS

DRAWING NO.
C10
PROJECT NO.
AU20.1181.00

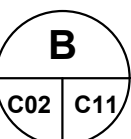
ISSUED FOR CONSTRUCTION

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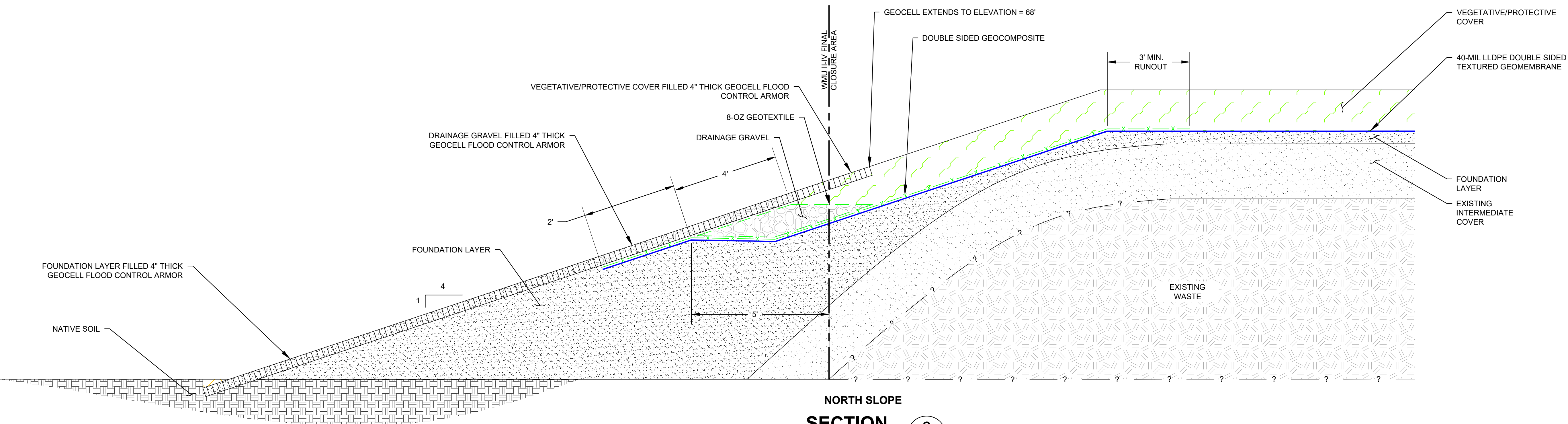


SOUTHWEST PERIMETER CHANNEL

SECTION

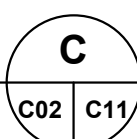


1" = 2'



NORTH SLOPE

SECTION



1" = 3'

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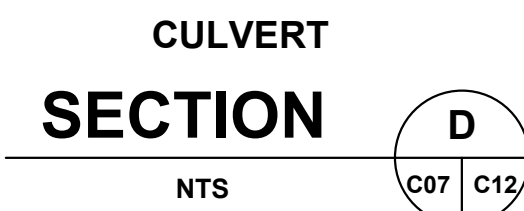
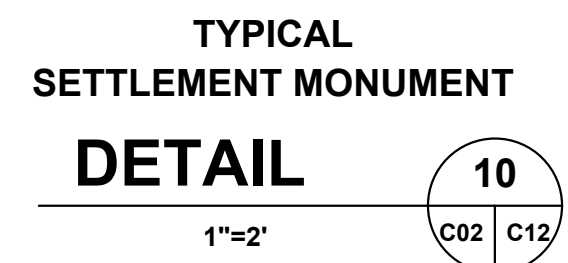
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WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA

DETAILS

DRAWING NO.

C11

PROJECT NO.
AU20.1181.00



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**BONZI SANITATION LANDFILL
WMU II-IV FINAL CLOSURE
CONSTRUCTION DRAWINGS
STANISLAUS COUNTY, CALIFORNIA**

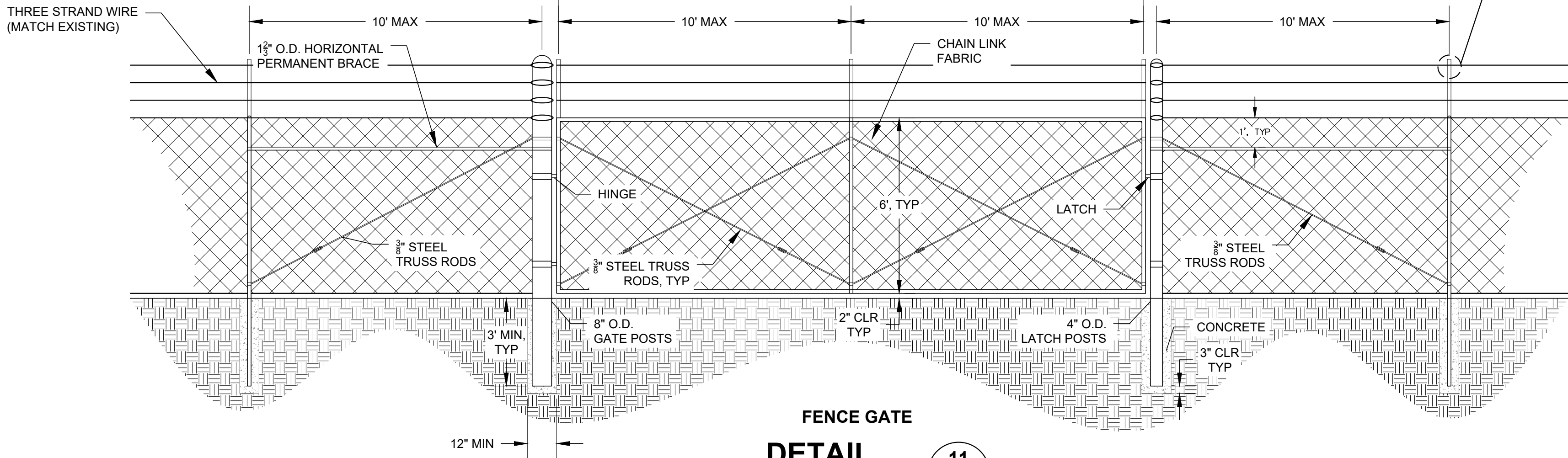
DETAILS

DRAWING NO.

C12

PROJECT NO.
AU20.1181.00

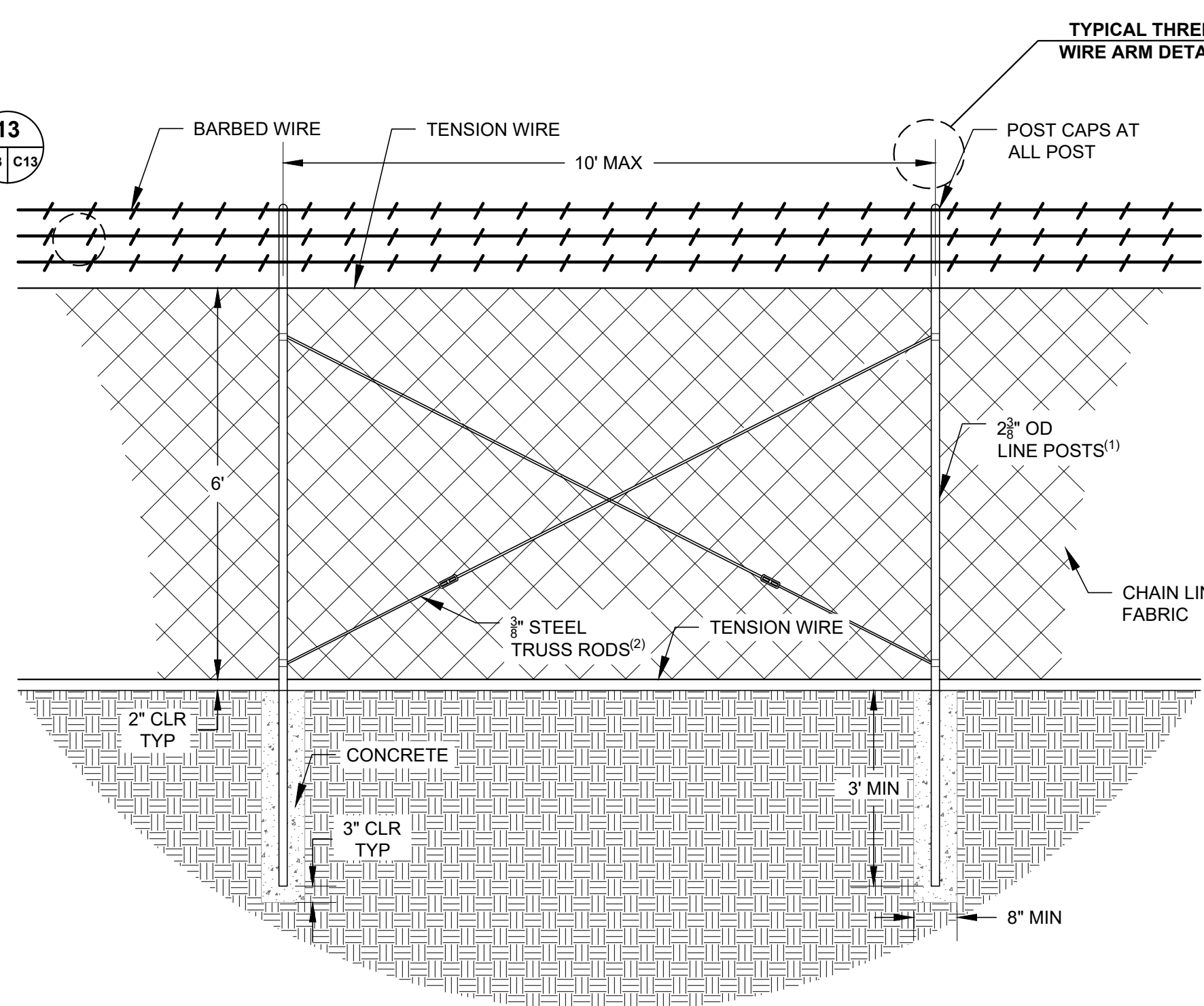
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FENCE GATE
DETAIL

1" = 3'

11
C03 C13



TYPICAL THREE-
WIRE ARM DETAIL

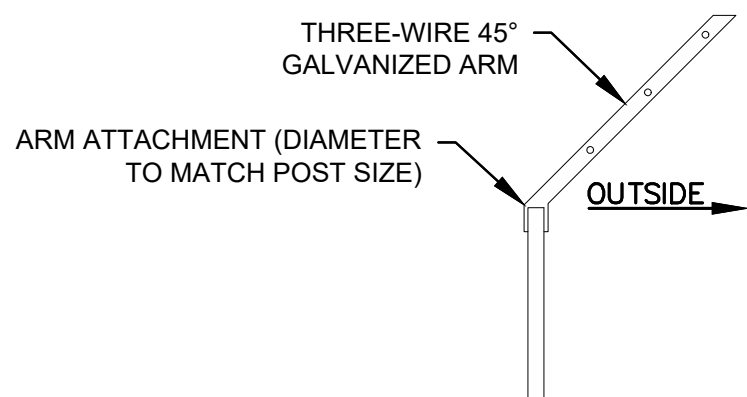
13
C13 C13

TYPE
1 FENCE

DETAIL

1" = 2'

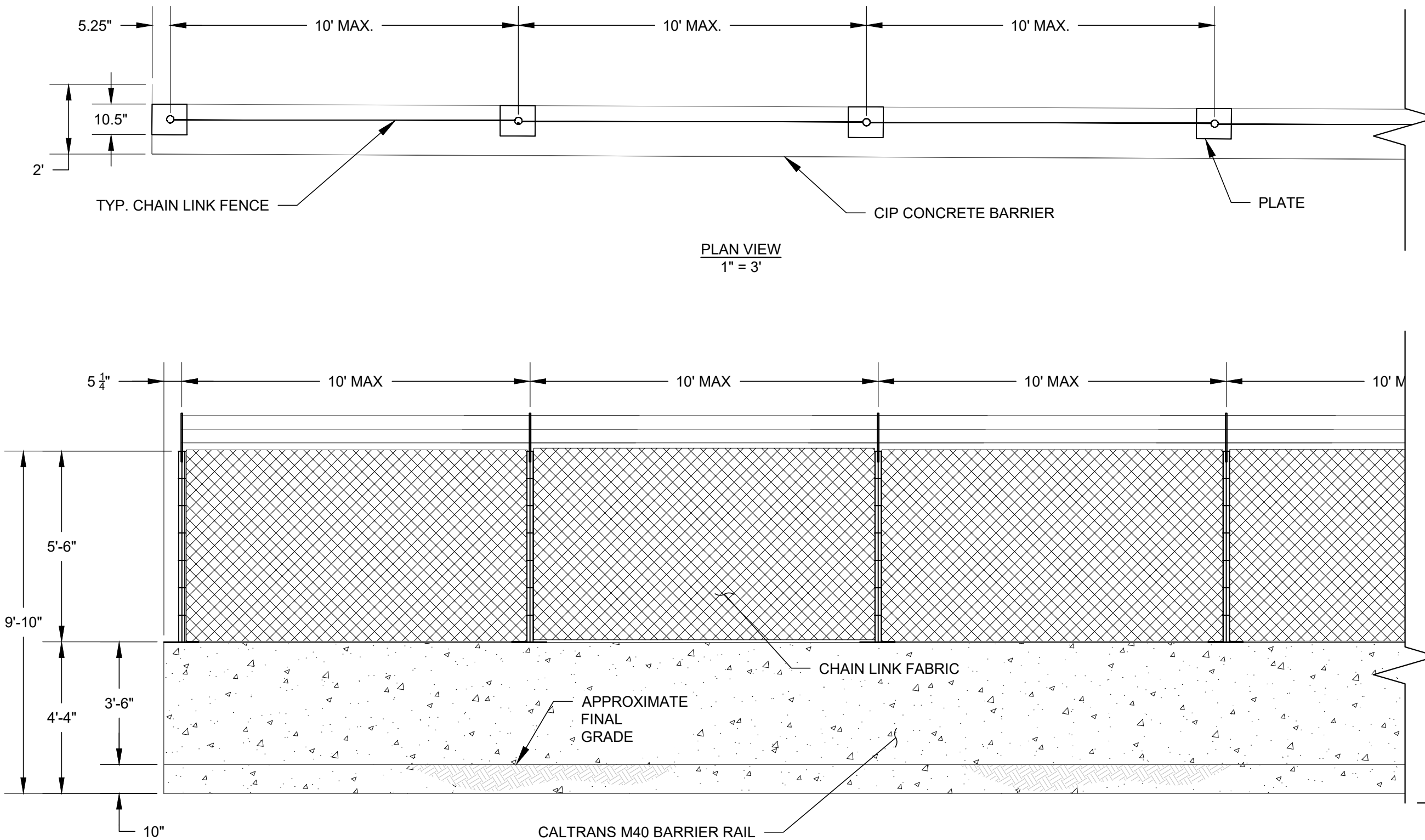
12
C06 C13



THREE-WIRE ARM
DETAIL

1" = 2'

13
C13 C13

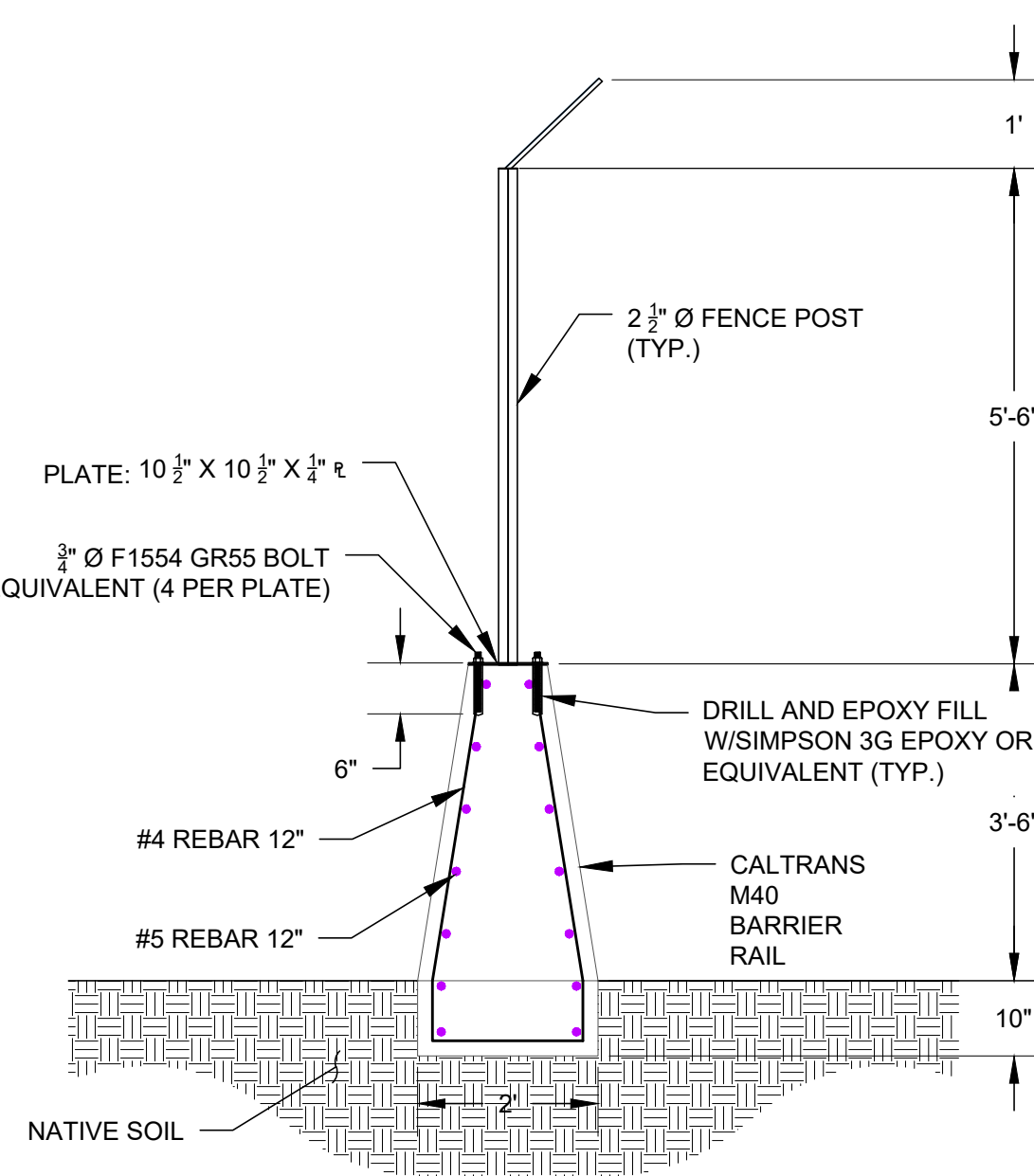


TYPE
2 FENCE

DETAIL

1" = 1'

14
C06 C13



TYPICAL SECTION

1" = 2'

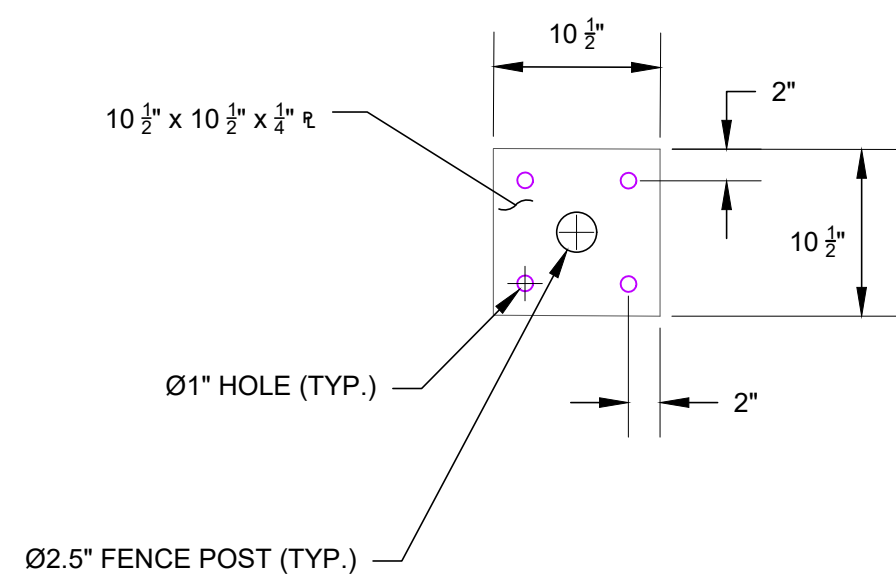


PLATE PLAN
NTS

NOTES

1. USE 4" OD FOR CORNER POST AND PULL POST. PULL POST SHALL BE PLACED ONCE EVERY 500'.
2. TRUSS RODS ONLY REQUIRED AT PULL POSTS AND AT CORNERS.

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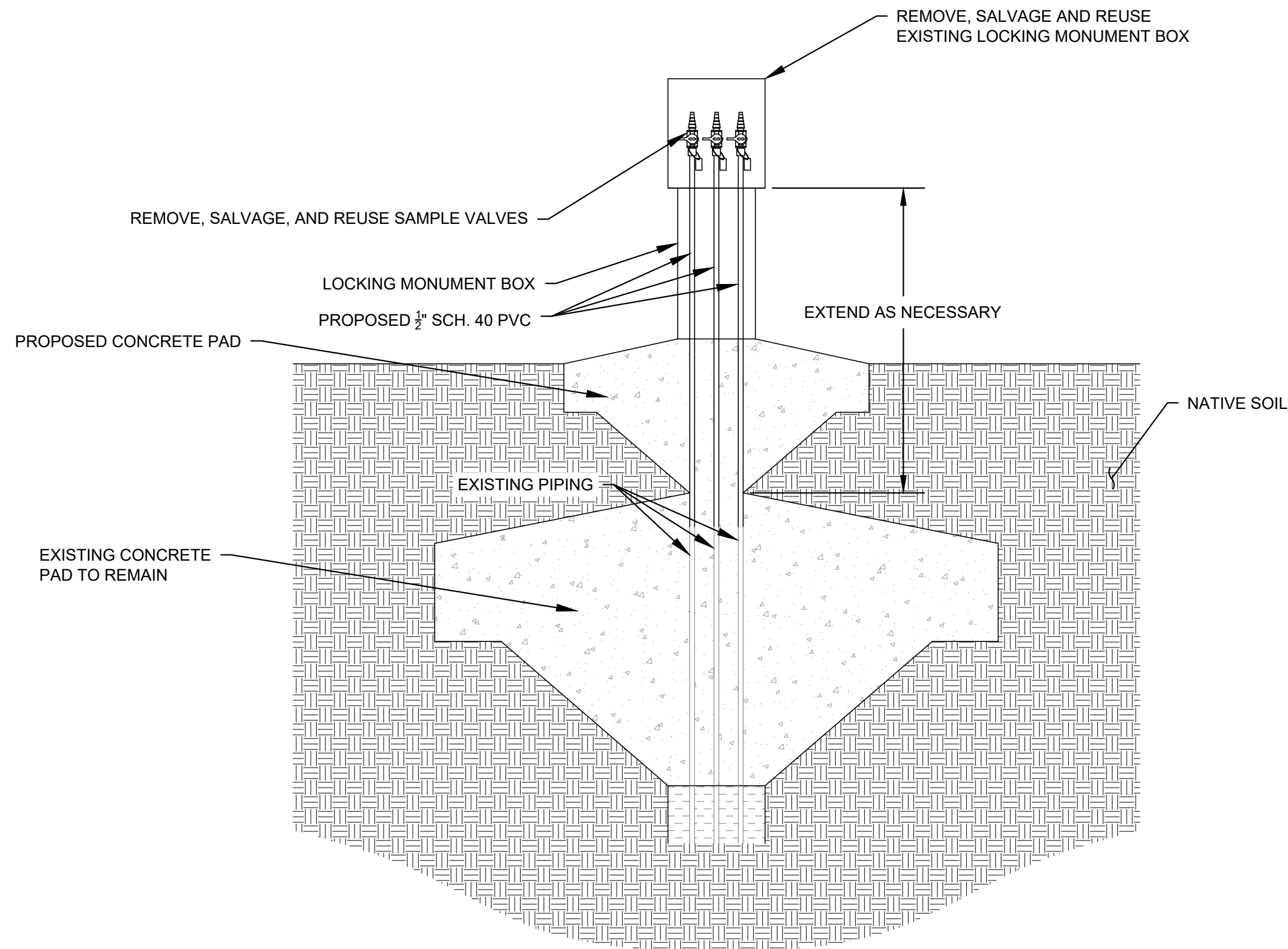
DETAILS

DRAWING NO.

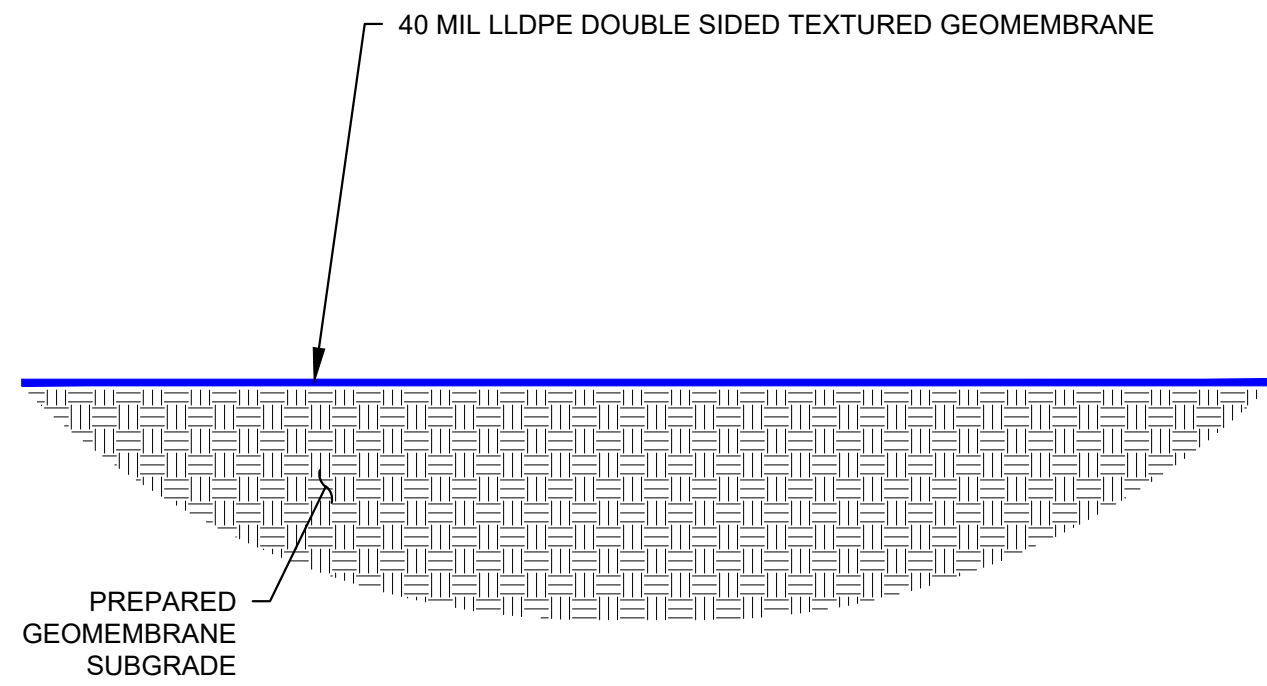
C13

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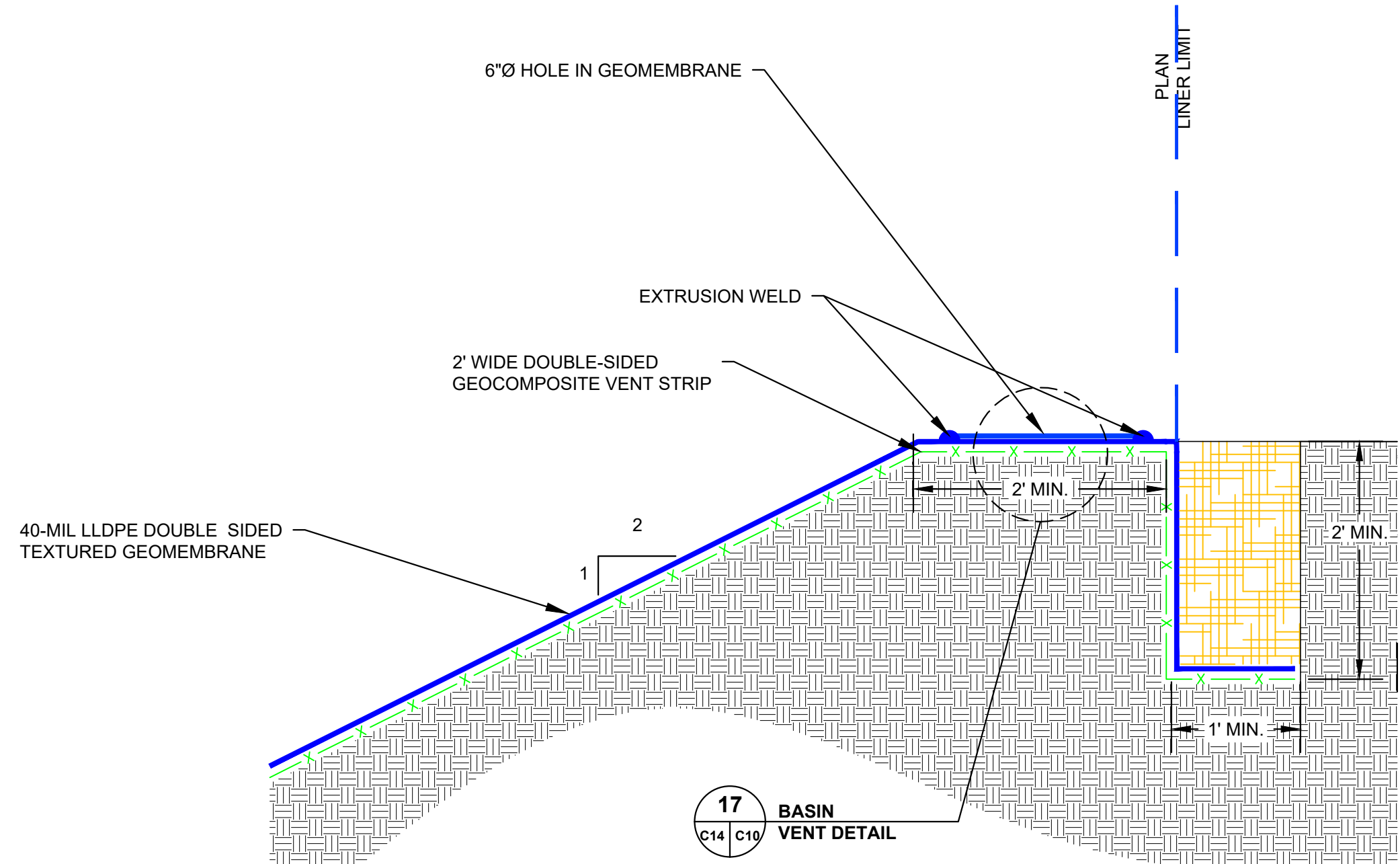
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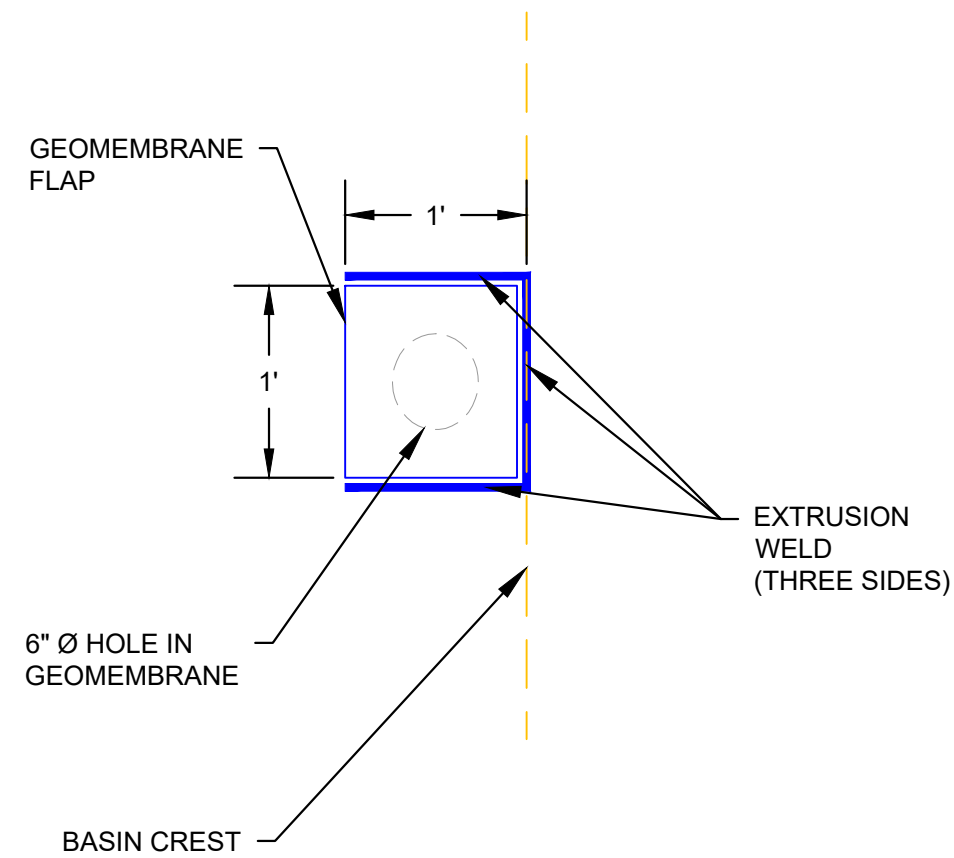
EXTENSION OF EXISTING
GAS PROBE
DETAIL
1" = 1'
15
C03 C14



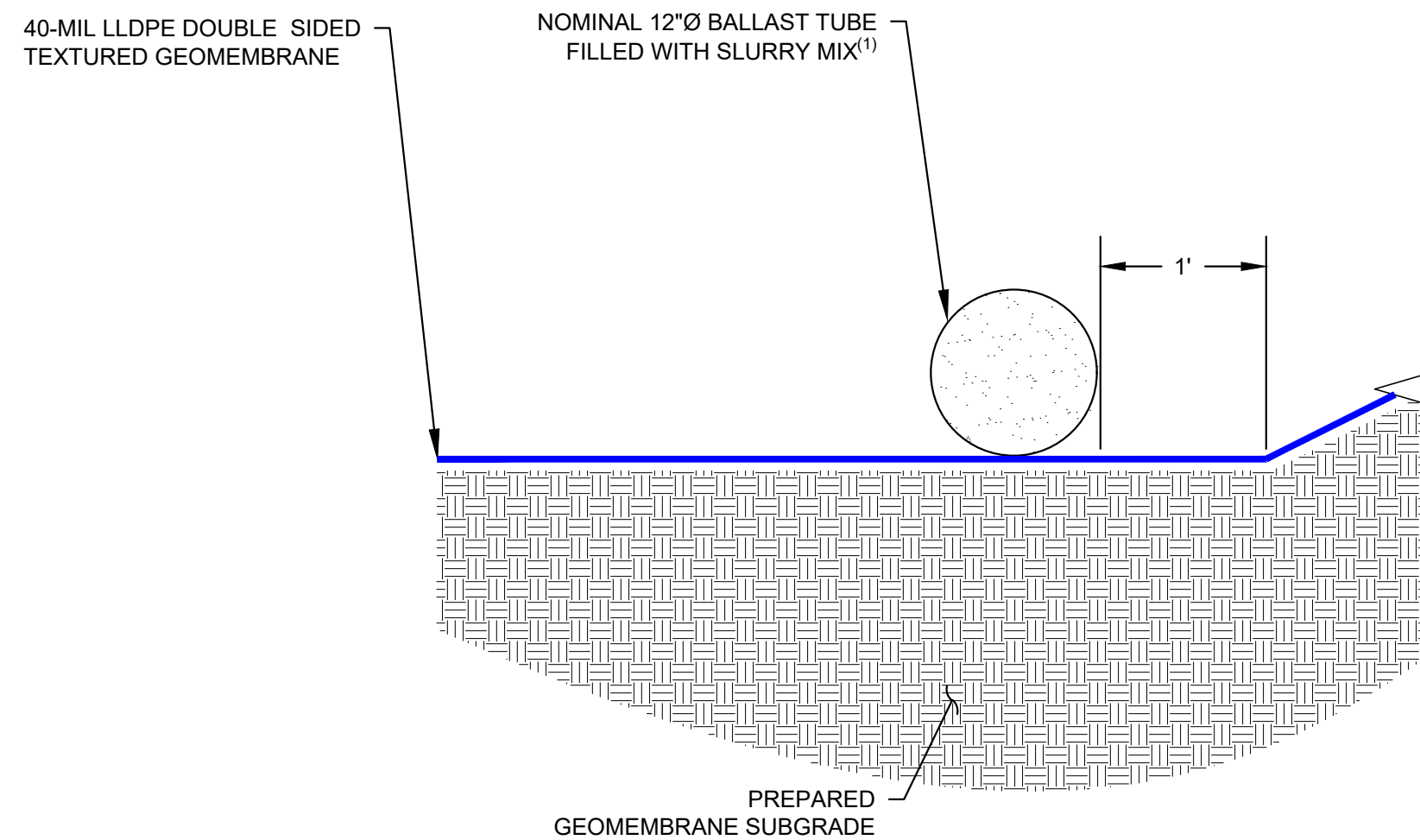
BASIN LINER SYSTEM
DETAIL
1" = 1'
16
C01 C14



BASIN ANCHOR
TRENCH WITH VENT (2)
SECTION
1" = 1'
E
C01 C14



BASIN VENT (2)
DETAIL
1" = 2'
17
C14 C14



BASIN ANCHOR TRENCH
WITH BALLAST TUBE
SECTION
1" = 1'
F
C01 C14

- NOTES
1. SEGMENTED SAND-CEMENT SLURRY FILLED BALLAST TUBE AT TOE OF SLOPE, MIX DENSITY AT 110 PCF. TUBE TO BE SITE FABRICATED FROM THE 40-MIL LLDPE GEOMEMBRANE OR AS APPROVED BY THE ENGINEER.
 2. LOCATE VENTS AT ALL TERMINATION AT GEOCOMPOSITE VENT STRIPS AS SHOWN ON C01.

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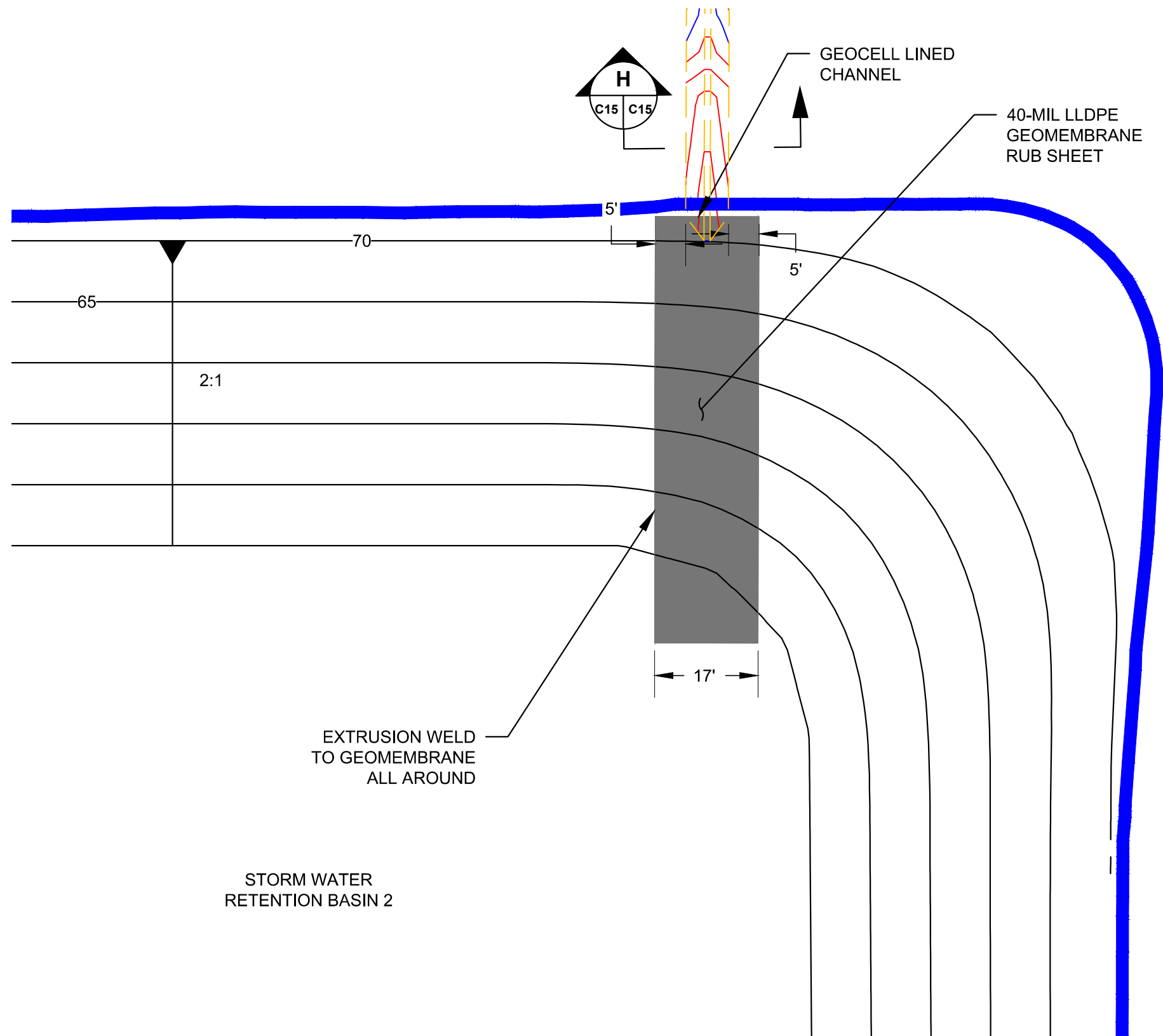
BONZI SANITATION LANDFILL
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STANISLAUS COUNTY, CALIFORNIA

DETAILS

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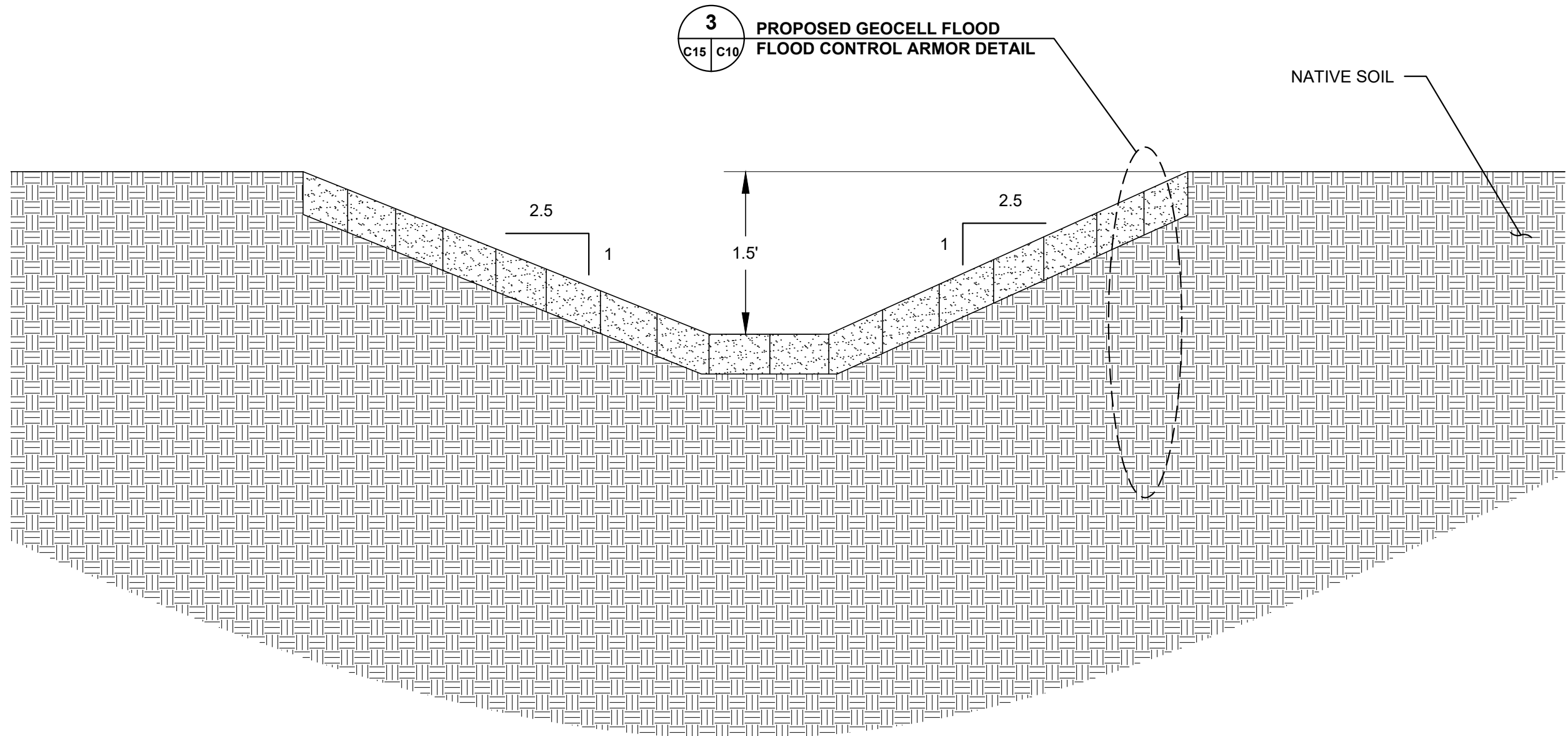
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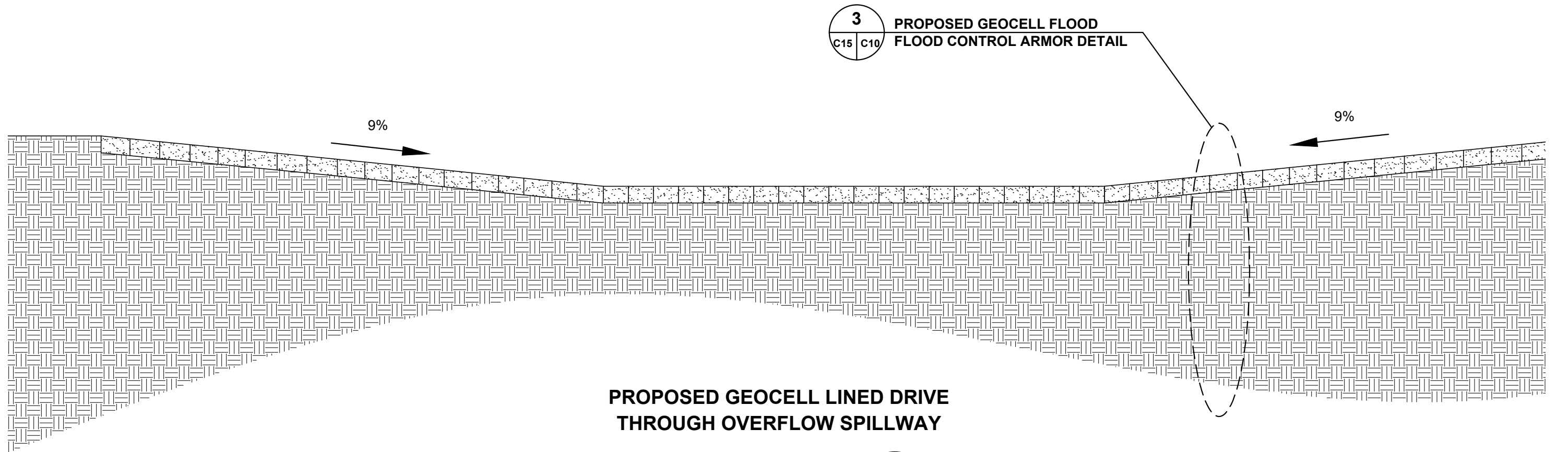


STORM WATER
RETENTION BASIN 2

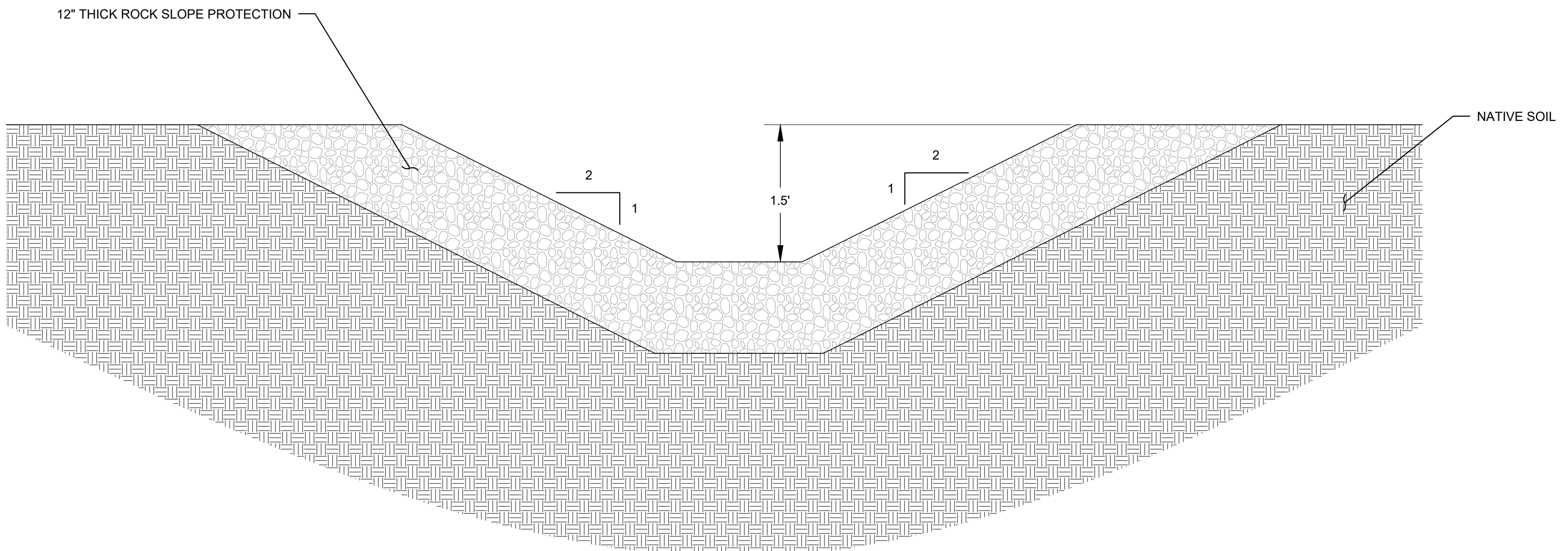
RUB SHEET
DETAIL 18
1" = 1' C02 C15



PROPOSED PERIMETER
CHANNEL ENTERING BASIN 2
SECTION H
1" = 1' C02 C15



PROPOSED GEOCELL LINED DRIVE
THROUGH OVERFLOW SPILLWAY
SECTION G
1" = 2' C01 C15



PROPOSED PERIMETER
CHANNEL ENTERING BASIN 1
SECTION I
1" = 1' C02 C15

- NOTES
1. SEGMENTED SAND-CEMENT SLURRY FILLED POLY-TUBE AT TOE OF SLOPE, MIX DENSITY AT 110 PCF.

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WMU II-IV FINAL CLOSURE
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DETAILS

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