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UNNAMED TRIBUTARY 1 TO POSTOAK CREEK

- C22 - STA. 11+00 TO STA.14+50
- C23 - STA. 15+00 TO STA. 17+50
- C24 - STA. 27+00 TO STA. 27+50
- C25 - STA. 28+00 TO STA. 28+50
- C26 - STA. 29+00 TO STA. 30+00
- C27 - STA. 31+00 TO STA. 33+00
- C28 - STA. 33+50 TO STA. 37+00
- C29 - STA. 37+50 TO STA. 47+00
- C30 - STA. 47+50 TO STA. 49+50
- C31 - STA. 50+00 TO STA. 52+00
- C32 - STA. 52+50 TO STA. 58+50
- C33 - STA. 59+00 TO STA. 61+50
- C34 - STA. 62+00 TO STA. 63+50
- C35 - STA. 64+00 TO STA. 67+50
- C36 - STA. 71+00 TO STA. 74+50
- C37 - STA. 75+00 TO STA. 77+00

TRIBUTARY A TO POSTOAK CREEK

- C38 - STA. 13+50 TO STA.16+50
- C39 - STA. 17+00 TO STA. 19+50
- C40 - STA. 20+00 TO STA. 23+50
- C41 - STA. 24+00 TO STA. 27+50
- C42 - STA. 28+00 TO STA. 35+50
- C43 - STA. 36+00 TO STA. 41+50
- C44 - STA. 42+00 TO STA. 47+50
- C45 - STA. 48+00 TO STA. 53+50
- C46 - STA. 54+00 TO STA. 57+50
- C47 - STA. 60+00 TO STA. 69+50
- C48 - STA. 70+00 TO STA. 71+50
- C49 - STA. 72+00 TO STA. 73+50
- C50 - STA. 74+00

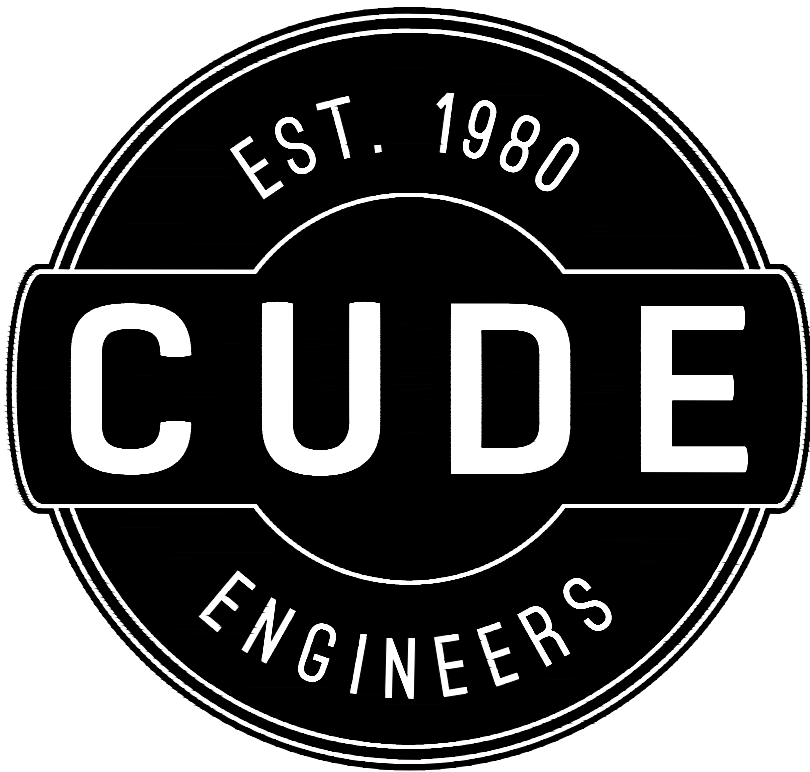
UNNAMED TRIBUTARY 2

- C51 - STA. 2+00 TO STA. 5+50



LOCATION MAP

VICINITY MAP



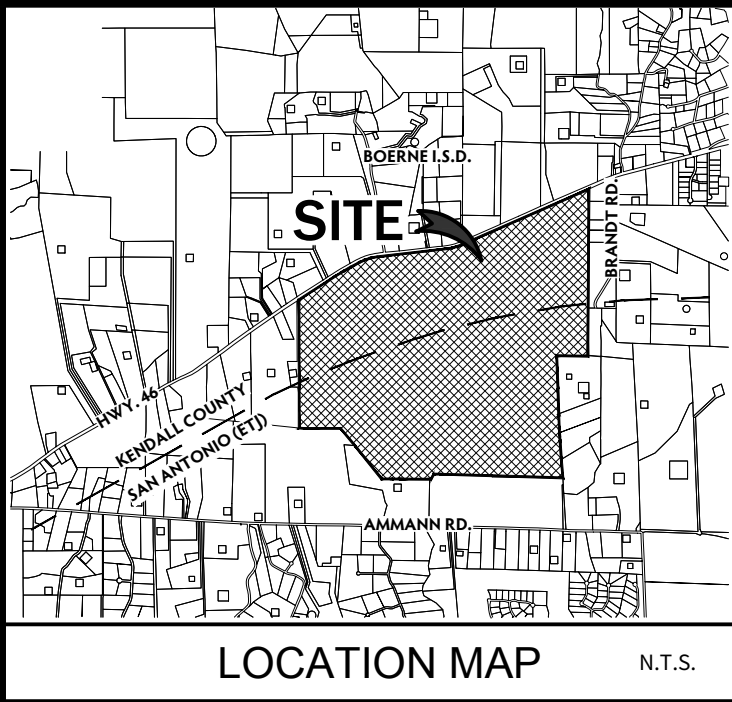
GEORGE'S RANCH
CLOMR
OVERALL
CONSTRUCTION PLANS

DEVELOPER:
 THE LOOKOUT GROUP
MIKE SIEFERT, P.E.
PRESIDENT
1001 CRYSTAL FALLS PARKWAY
LEANDER, TEXAS 78641
TEL: (512) 690-4322

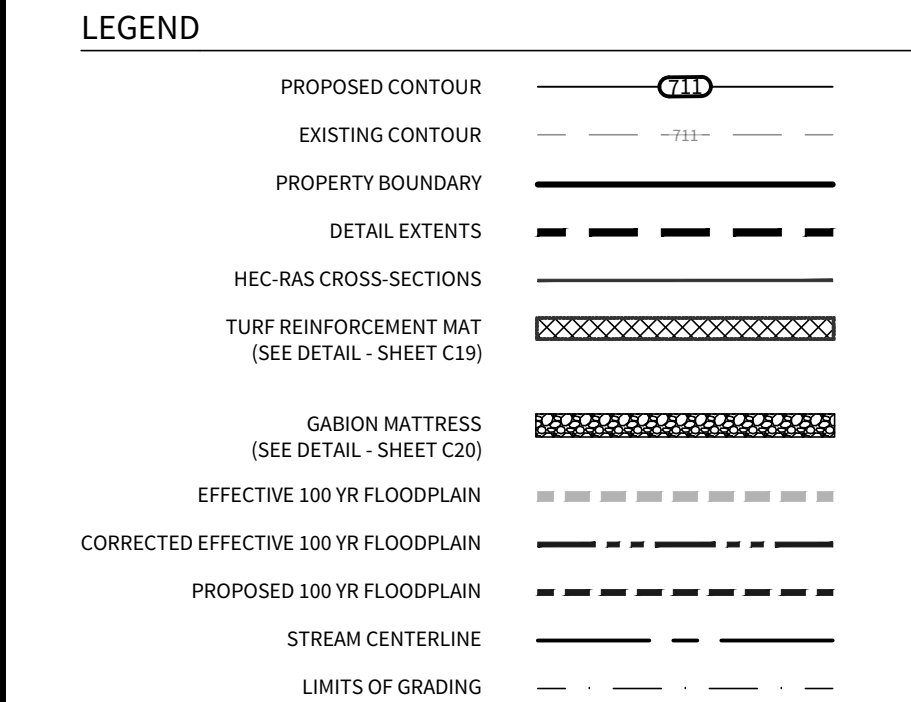
4122 Pond Hill Road, Suite 101
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DRAWN BY MW/RM	DATE 10-12-2021
CHECKED BY W. PATRICK MURPHY, P.E.	PROJECT NO. 03546.000

CUDE ENGINEERS
TBPE No. 455
TBPELS No. 10048500



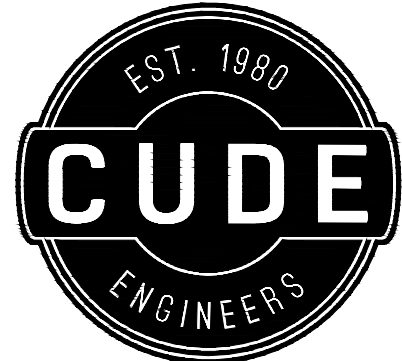
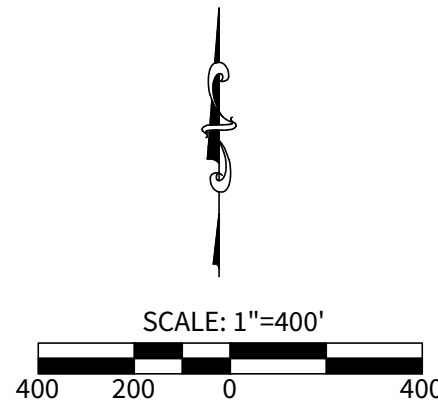
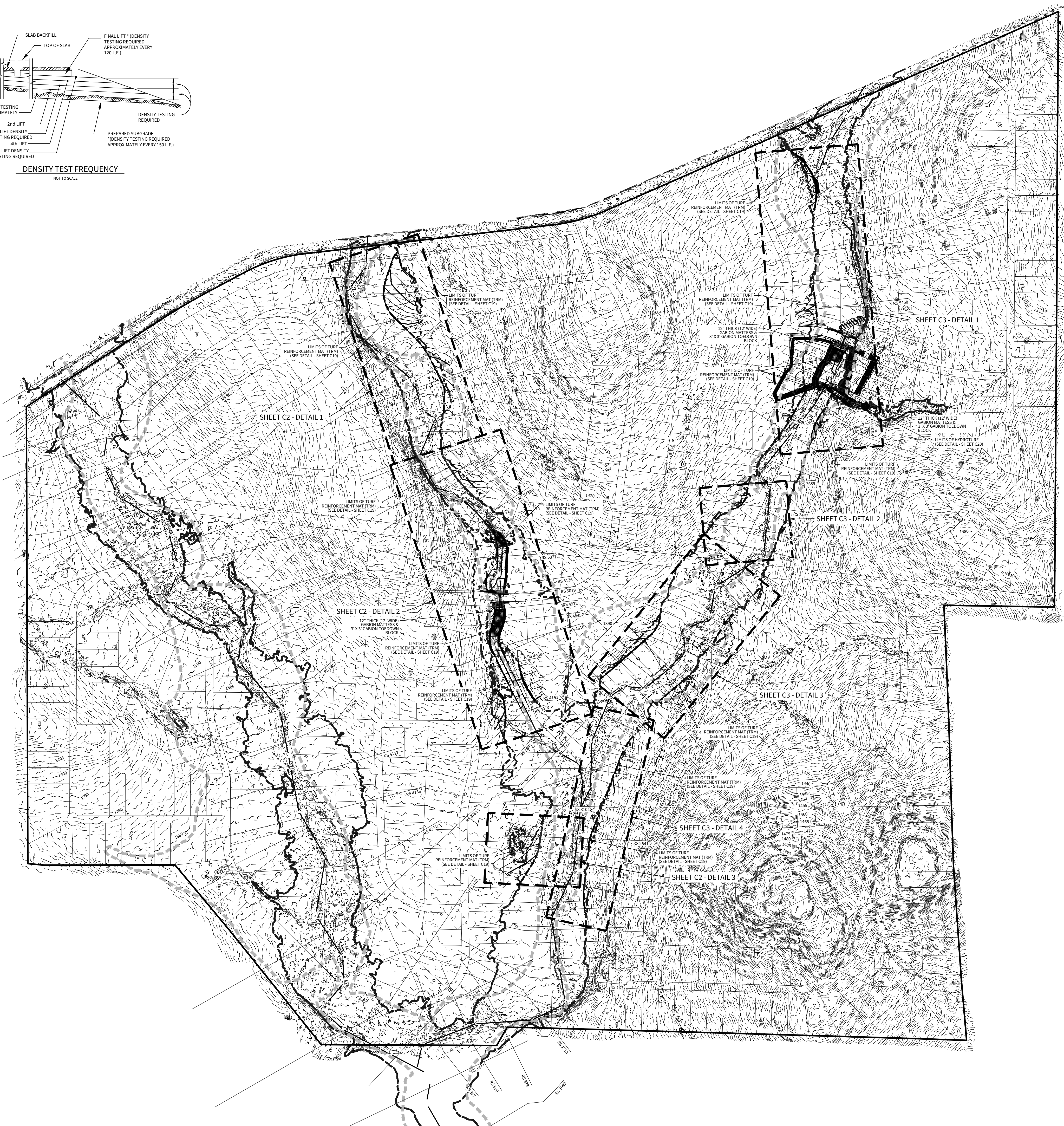
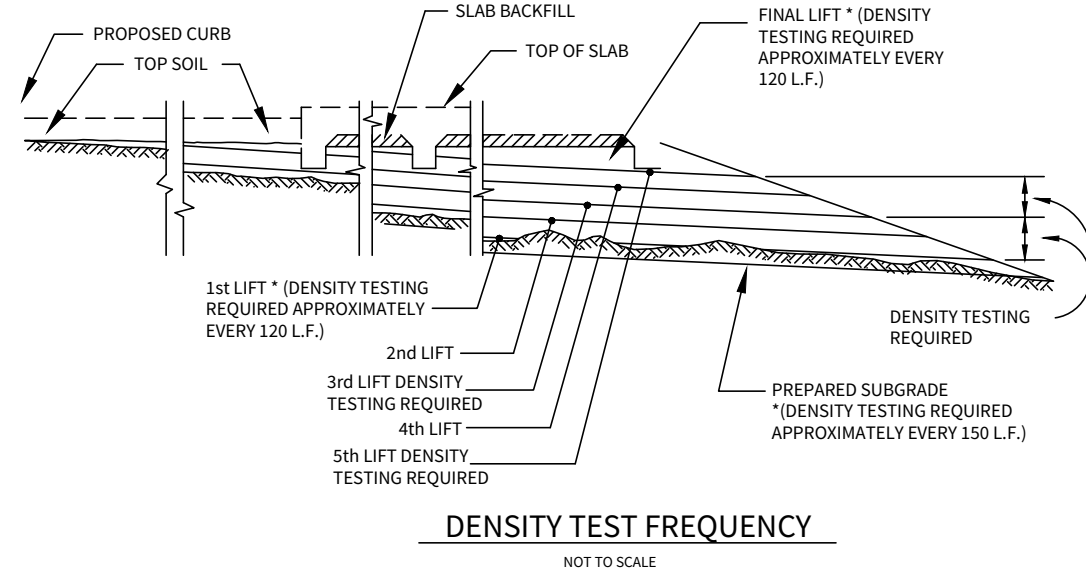
DEVELOPER:
THE LOOKOUT DEVELOPMENT GROUP, LP
CONTACT PERSON: MIKE SIEFERT
1789 S. BAGDAD ROAD, SUITE 104
LEANDER, TX 78641
TEL: (512) 260-2066



- NOTES:**
- UPON COMPLETION OF CLOMR GRADING ENGINEER TO REVIEW COMPETENCY OF BEDROCK WHERE PROJECT CONDITION VELOCITIES EXCEED EXISTING CONDITION VELOCITIES AND/OR WHERE VELOCITIES EXCEED 6 FPS AND REASSESS SITE FOR EROSION CONTROL MEASURES.
 - FILL SITES, UPON WHICH STRUCTURES WILL BE CONSTRUCTED OR PLACED MUST BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DENSITY ATTAINABLE WITH THE STANDARD PROCTOR TEST METHOD OR AN ACCEPTABLE EQUIVALENT METHOD.
 - FILL SHALL BE COMPOSED OF CLEAN GRANULAR OR EARTHEN MATERIAL.

GENERAL SPECIFICATIONS FOR SITE PREPARATION

- GENERAL DESCRIPTION**
THIS SITE SHALL CONSIST OF ALL CLEARING AND GRUBBING, DEMOLITION, PREPARATION OF LAND TO BE FILLED, FILLING OF THE LAND, SPREADING, COMPACTION TESTING AND INSPECTION OF THE FILL, AND ALL SUBSIDIARY WORK NECESSARY TO COMPLETE THE GRADING OF THE CUT AND FILL AREAS TO CONFORM WITH THE LINES, GRADES AND SLOPES AS SHOWN ON THE APPROVED PLANS.
ALL LOT GRADING MUST MEET REQUIREMENTS OF FHWA/HUD HANDBOOK 410.3, SPECIFICATIONS FOR LAND DEVELOPMENTS ON CONTROLLED EARTHWORK, DATASHEET 79g, HUD 79g REQUIREMENTS FOR FILL MATERIAL OF 6 INCHES AND MORE WILL BE CONDUCTED. ALL CUT AREAS WILL ALSO MEET THE REQUIREMENTS FOR HUD 79g COMPACTION TESTING. IN ADDITION, ENGINEERS MUST PROVIDE VERIFICATION OF ALL AREAS WHICH DO NOT REQUIRE HUD 79g.
- CLEARING THE AREA TO BE FILLED**
ALL TIMBER, LOGS, TREES, BRUSH AND RUBBISH SHALL BE REMOVED FROM THE SITE.
- SCARPING THE AREA TO BE FILLED**
ALL ORGANIC MATTER SHALL BE REMOVED FROM THE SURFACE UPON WHICH THE FILL IS TO BE PLACED, AND THE SURFACE SHALL THEN BE DISKED OR SCARIFIED TO A MINIMUM DEPTH OF SIX INCHES (6"). ALL SURFACE RUTS OR OTHER UNEVEN FEATURES WILL BE LEVELED PRIOR TO FIELD DENSITY TESTING.
- COMPACTING THE AREA TO BE FILLED**
FOLLOWING THE CLEARING AND DISKING OR SCARPING OF THE FILL AREA, IT SHALL BE BROADCAST UNTIL IT IS UNIFORM AND FREE FROM LARGE CLODS. THE AREA SHALL BE BROUGHT TO THE ADEQUATE MOISTURE CONTENT AND COMPACTED (TYPICALLY) TO NOT LESS THAN NINETY PERCENT (90%) OF MAXIMUM DENSITY IN ACCORDANCE WITH THE CURRENT ASTM D 1557 COMPACTION PROCEDURE, OR 90% OF MAXIMUM DENSITY IN ACCORDANCE WITH THE CURRENT TxDOT-113-E COMPACTION PROCEDURE.
- FILL MATERIALS**
THE MATERIALS USED SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES, SUCH AS TREES, BRUSH AND RUBBISH.
- DEPTH & MIXING OF FILL LAYERS**
THE SELECTED FILL MATERIAL SHALL BE PLACED IN LEVEL, UNIFORM LAYERS WHICH, WHEN COMPACTED, SHALL HAVE A DENSITY CONFORMING TO THAT STIPULATED ABOVE. EACH LAYER SHALL BE THOROUGHLY MIXED DURING THE SPREADING TO ENSURE UNIFORMITY OF MATERIAL IN EACH LAYER. COMPACTED LAYER THICKNESS MAY VARY DEPENDING ON THE COMPACTION EQUIPMENT OF DEMONSTRATED CAPABILITY. THE MAXIMUM LOOSE DEPTH FOR ANY MATERIAL SHALL NOT EXCEED TWELVE INCHES (12"). FOR TESTING REQUIREMENTS OF FILL MATERIAL, SEE DENSITY TESTING.
- ROCK**
WITH FILL MATERIAL INCLUDES ROCK, THE MAXIMUM ROCK SIZE SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER. NO LARGE ROCKS SHALL BE ALLOWED TO NEST AND ALL Voids MUST BE FILLED WITH SMALL STONES OR SOIL AND ADEQUATELY COMPACTED. NO LARGE ROCKS WILL BE PERMITTED WITHIN EIGHTEEN INCHES (18") OF THE FINISHED GRADE.
- COMPACTING OF FILL LAYER**
COMPACTION EQUIPMENT SHALL BE CAPABLE OF COMPACTING THE FILL TO THE SPECIFIED DENSITY. COMPACTION SHALL BE ACCOMPLISHED WHILE THE FILL MATERIAL IS AT OR NEAR THE APPROPRIATE MOISTURE CONTENT. COMPACTION OF EACH LAYER SHALL BE CONTINUOUS OVER THE ENTIRE STRUCTURAL AREA BENEATH PROPOSED STRUCTURES.
- COMPACTING OF SLOPES**
THE FACES OF FILL SLOPES SHALL BE COMPACTED. COMPACTION OPERATIONS SHALL BE CONTINUED UNTIL THE SLOPE FACES ARE STABLE BUT NOT TOO DENSE FOR PLANTING ON THE SLOPES. COMPACTION OF THE SLOPE FACES MAY BE DONE PROGRESSIVELY IN INCREMENTS OF THREE TO FIVE FEET (3 TO 5) IN FILL HEIGHT AS THIS FILL PROGRESSES OR AFTER THE FILL HAS BEEN BROUGHT TO ITS TOTAL HEIGHT.
- MOISTURE CONTENT**
THE FILL MATERIAL SHALL BE COMPACTED AT THE APPROPRIATE MOISTURE CONTENT SPECIFIED FOR THE SOILS BEING USED. APPROPRIATE MOISTURE CONTENT IS DEFINED, TYPICALLY, AS OPTIMUM MOISTURE CONTENT; HOWEVER, FOR EXPANSIVE SOILS IT MAY BE GREATER THAN OPTIMUM MOISTURE CONTENT, AND OTHER MOISTURE CONTENTS MAY BE NECESSARY TO PRODUCE THE DESIRED RESULTS WITH CERTAIN SOILS.
- DENSITY TESTS**
FIELD DENSITY TESTS SHALL BE PERFORMED ON LAYERS OF FILL WHEN THE FILL IS BEING PLACED AS DIRECTED BY THE GEOTECHNICAL ENGINEER. THE MAXIMUM FILL HEIGHT BETWEEN DENSITY TESTING SHALL BE EIGHTEEN INCHES (18"). ALL TESTING SHALL BE REQUESTED BY THE CONTRACTOR TO MEET THE CONTRACTOR'S CONSTRUCTION SCHEDULE. NOTIFICATION BY THE CONTRACTOR TO CONDUCT TESTS SHALL BE AT LEAST THE DAY BEFORE. THIS NOTIFICATION SHALL INCLUDE THE FILL AREA LOCATION LOT AND BLOCK, THE LOT OR HEIGHT OF FILL AND APPROXIMATE DESIRED TIME OF TESTING. WHEN THESE TESTS INDICATE THAT THE DENSITY OF ANY LAYER OF FILL OR PORTION THEREOF IS BELOW THE REQUIRED DENSITY, THE PARTICULAR LAYER OR PORTION SHALL BE REWORKED AND RETESTED AT THE EXPENSE OF THE CONTRACTOR UNLESS THE CONTRACTOR CAN SHOW EVIDENCE THAT CIRCUMSTANCES BEYOND HIS CONTROL REQUIRED THE RETESTING. GENERALLY, THE SPECIFIC TESTING WILL BE AS FOLLOWS AND CONDUCTED BY GEOTECHNICAL ENGINEER.
 - THE LAND TO BE FILLED (PREPARED SUBGRADE) SHALL BE PREPARED AND TESTED AT A FREQUENCY AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
 - THE FIRST LIFT OF COMPACTED FILL (GENERALLY 8 TO 12 IN.) SHALL BE TESTED AS DETERMINED BY THE GEOTECHNICAL ENGINEER. ANY AREAS SUPPORTING THE PROPOSED STRUCTURES REQUIRING FILL SHALL BE TESTED FOR DENSITY COMPLIANCE.
 - FILLS SHALL BE TESTED A MAXIMUM OF EACH EIGHTEEN INCHES (18") OF FILL. TEST RESULTS WILL BE PROVIDED BY THE FIELD TECHNICIAN TO THE CONTRACTOR WHEN POSSIBLE; HOWEVER, ALL TEST RESULTS ARE TO BE REVIEWED BY THE GEOTECHNICAL ENGINEER FOR COMPLIANCE. THE ENGINEER WILL NOTIFY THE CONTRACTOR OF ALL THE TEST RESULTS.
- CUT/FILL LOTS**
AREAS INVOLVING CUT ON ONE PORTION AND FILL ON ANOTHER PORTION OF A SPECIFIC LOT SHALL BE PREPARED TO A MINIMUM DEPTH OF 6 IN. AND WILL BE THE SAME MATERIAL CLASSIFICATION AS THE SAME COMPACTION AND MOISTURE CONTENT. A MINIMUM OF TWO (2) FIELD DENSITY TESTS SHALL BE REQUIRED ON EACH CUT/FILL LOT FOR THE PURPOSE OF DETERMINING UNIFORMITY OF THE AREA SUPPORTING THE PROPOSED STRUCTURES.



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**GEORGE'S RANCH
CLOMR
CHANNEL IMPROVEMENT DETAIL INDEX**

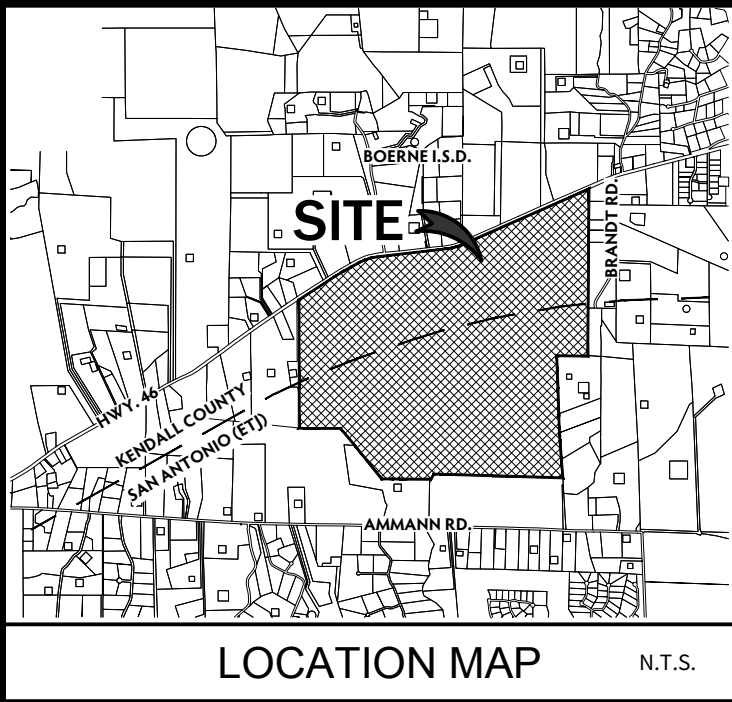
DATE	04/22/2021
PROJECT NO.	03546.000
DRAWN BY	MW/RM
CHECKED BY	WPM

REVISIONS	
1.	2021-10-11 - REVISED CLOMR GRADING, ADDED HYDROTURF, LINER, AND NOTE
2.	2022-03-31 - REVISED CLOMR GRADING, REMOVED PONDS
3.	2022-04-28 - REVISED CLOMR GRADING, REMOVED POST OAK CREEK GRADING
4.	
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CUDE ENGINEERS
TBPEL No. 455

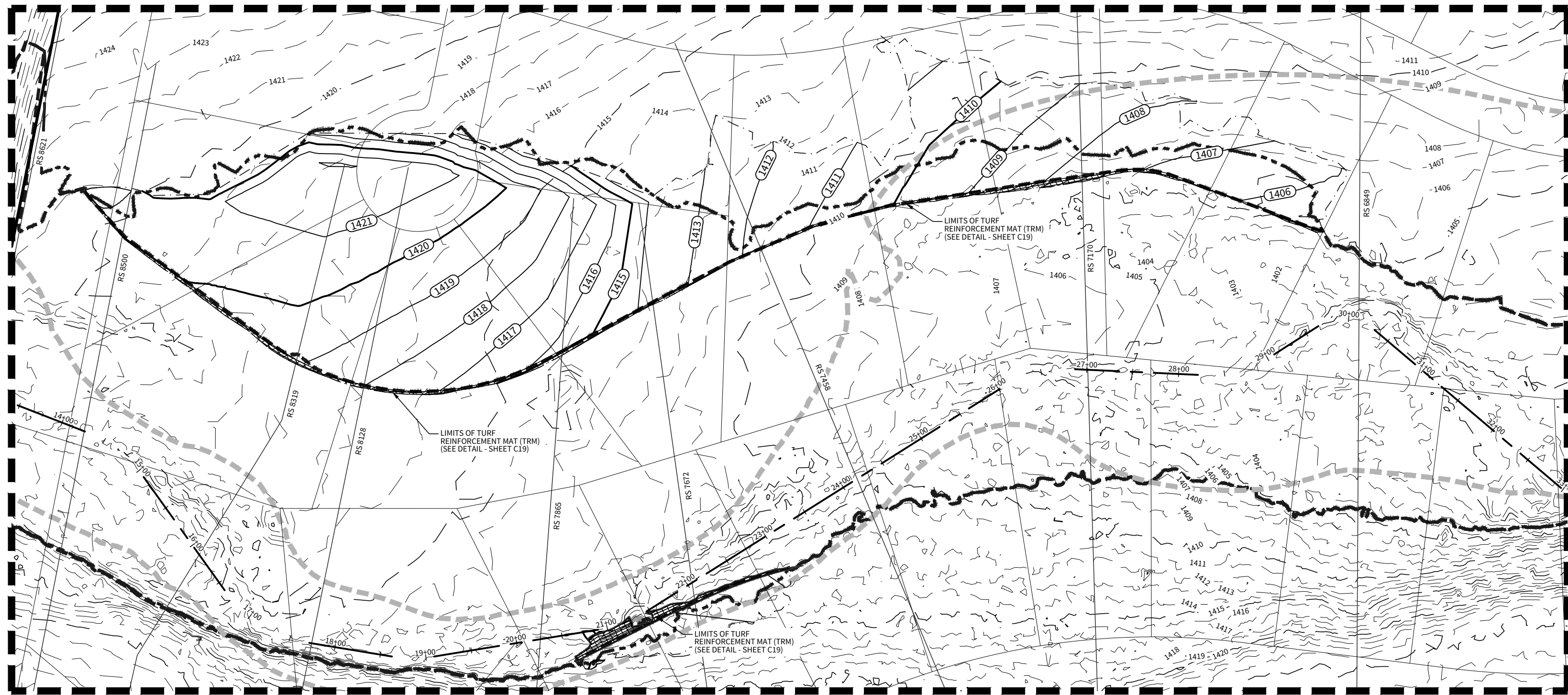
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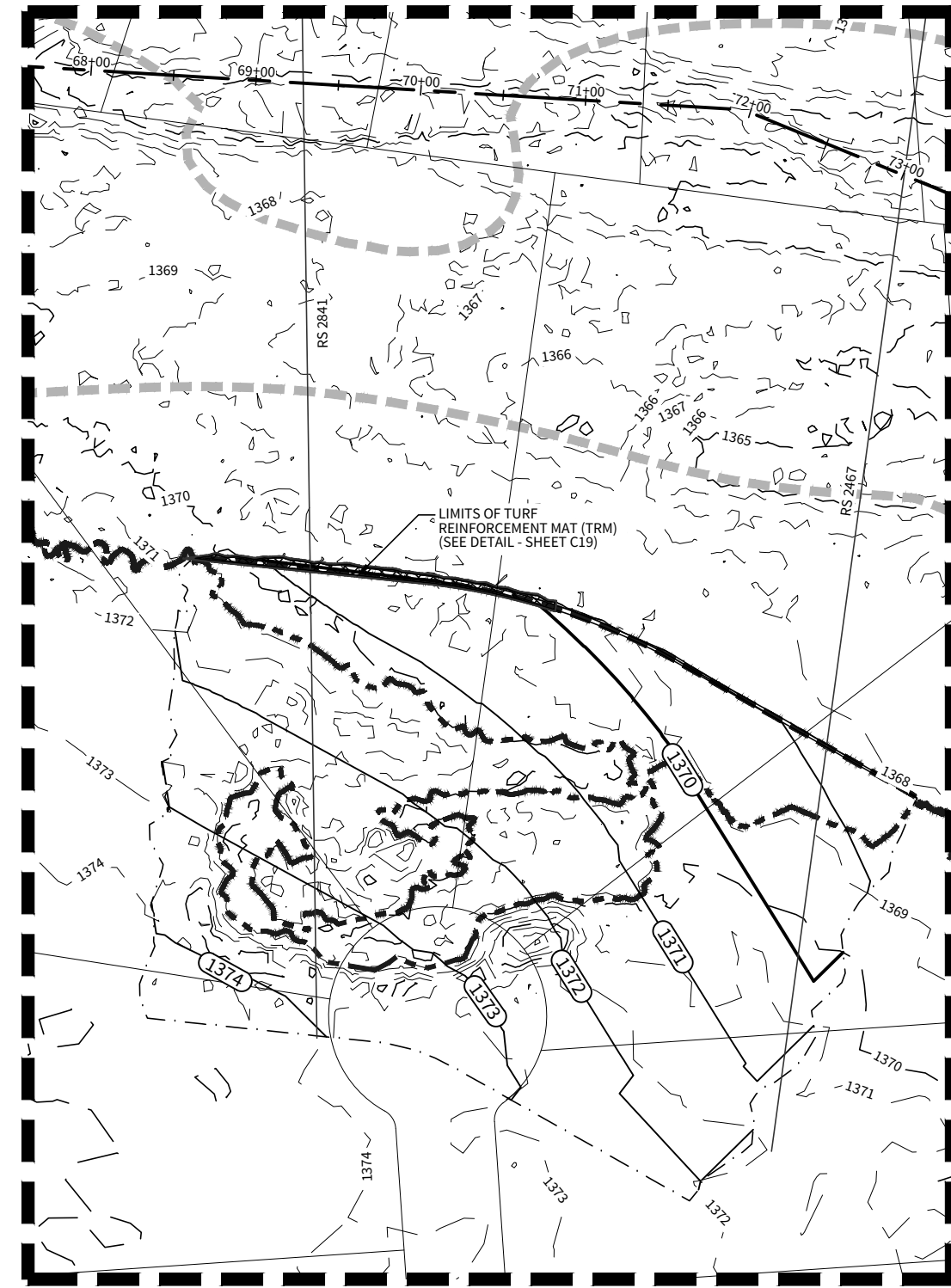
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GENERAL SPECIFICATIONS FOR SITE PREPARATION

- GENERAL DESCRIPTION**
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- CLEARING THE AREA TO BE FILLED**
ALL TIMBER, LOGS, TREES, BRUSH AND RUBBISH SHALL BE REMOVED FROM THE SITE.
- SCARIFYING THE AREA TO BE FILLED**
ALL ORGANIC MATTER SHALL BE REMOVED FROM THE SURFACE UPON WHICH THE FILL IS TO BE PLACED, AND THE SURFACE SHALL THEN BE DISKED OR SCARIFIED TO A MINIMUM DEPTH OF SIX INCHES (6"). ALL SURFACE RUTS OR OTHER UNIFORM FEATURES WILL BE LEVELLED PRIOR TO FIELD DENSITY TESTING.
- COMPACTION OF THE AREA TO BE FILLED**
FOLLOWING THE CLEARING AND GRUBBING OR SCARIFYING OF THE FILL AREA, IT SHALL BE BLENDED UNTIL IT IS UNIFORM AND FREE FROM LARGE CLOS. THE AREA SHALL BE BROUGHT TO THE ADEQUATE MOISTURE CONTENT AND COMPACTED TYPICALLY TO NOT LESS THAN NINETY PERCENT (90%) OF MAXIMUM DENSITY IN ACCORDANCE WITH THE CURRENT ASTM D 1557 COMPACTION PROCEDURE, OR 90% OF MAXIMUM DENSITY IN ACCORDANCE WITH THE CURRENT T90-T95-33.3-E COMPACTION PROCEDURE.
- FILL MATERIALS**
THE MATERIALS USED SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES, SUCH AS TREES, BRUSH AND RUBBISH.
- DEPTH & MIXING OF FILL LAYERS**
THE SELECTED FILL MATERIAL SHALL BE PLACED IN LEVEL, UNIFORM LAYERS WHICH, WHEN COMPACTED, SHALL HAVE A DENSITY CONFORMING TO THAT STIPULATED ABOVE. EACH LAYER SHALL BE THOROUGHLY MIXED DURING THE SPREADING TO ENSURE UNIFORMITY OF MATERIAL IN EACH LAYER. COMPACTED LAYER THICKNESS MAY VARY DEPENDING ON THE COMPACTION EQUIPMENT OR DEMONSTRATED CAPABILITY. THE MAXIMUM LAYER DEPTH FOR ANY MATERIAL SHALL NOT EXCEED TWELVE INCHES (12"). FOR TESTING REQUIREMENTS OF FILL MATERIAL, SEE DENSITY TESTING.
- ROCK**
WHEN FILL MATERIAL INCLUDES ROCK, THE MAXIMUM ROCK SIZE SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER. NO LARGE ROCKS SHALL BE ALLOWED TO REST AND ALL VOIDS MUST BE FILLED WITH SMALL STONES OR SOIL AND ADEQUATELY COMPACTED. NO LARGE ROCKS WILL BE PERMITTED WITHIN EIGHTEEN INCHES (18") OF THE FINISHED GRADE.
- COMPACTION OF FILL LAYERS**
COMPACTION EQUIPMENT SHALL BE CAPABLE OF COMPACTING THE FILL TO THE SPECIFIED DENSITY. COMPACTION SHALL BE ACCOMPLISHED WHILE THE FILL MATERIAL IS AT OR NEAR THE APPROPRIATE MOISTURE CONTENT. COMPACTION OF EACH LAYER SHALL BE CONTINUOUS OVER THE ENTIRE STRUCTURAL AREA (BENEATH PROPOSED STRUCTURES).
- COMPACTION OF SLOPES**
THE FACES OF THE SLOPES SHALL BE COMPACTED. COMPACTION OPERATIONS SHALL BE CONTINUED UNTIL THE SLOPE FACES ARE STABLE BUT NOT TOO DENSE FOR PLANTING ON THE SLOPES. COMPACTION OF THE SLOPE FACES MAY BE DONE PROGRESSIVELY IN INCREMENTS OF THREE TO FIVE FEET (3' TO 5') IN FILL HEIGHT AS THIS FILL PROGRESSES OR AFTER THE FILL HAS BEEN BROUGHT TO ITS TOTAL HEIGHT.
- MOISTURE CONTENT**
THE FILL MATERIAL SHALL BE COMPACTED AT THE APPROPRIATE MOISTURE CONTENT SPECIFIED FOR THE SOILS BEING USED. APPROPRIATE MOISTURE CONTENT IS DEFINED, TYPICALLY, AS OPTIMUM MOISTURE CONTENT; HOWEVER, FOR EXPANSIVE SOILS IT MAY BE GREATER THAN OPTIMUM MOISTURE CONTENT, AND OTHER MOISTURE CONTENTS MAY BE NECESSARY TO PRODUCE THE DESIRED RESULTS WITH CERTAIN SOILS.
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FIELD DENSITY TESTS SHALL BE PERFORMED ON LAYERS OF FILL WHEN THE FILL IS BEING PLACED AS DIRECTED BY THE GEOTECHNICAL ENGINEER. THE MAXIMUM FILL HEIGHT BETWEEN DENSITY TESTING SHALL BE EIGHTEEN INCHES (18"). ALL TESTING SHALL BE REQUESTED BY THE CONTRACTOR TO MEET THE CONTRACTOR'S CONSTRUCTION SCHEDULE. NOTIFICATION BY THE CONTRACTOR TO CONDUCT TESTS SHALL BE AT LEAST 72 HOURS BEFORE. THIS NOTIFICATION SHALL INCLUDE THE FILL AREA LOCATION (LOT AND BLOCK), THE LIFT OR HEIGHT OF FILL AND APPROXIMATE DEPTH OF TESTING. WHEN THESE TESTS INDICATE THAT THE DENSITY OF ANY LAYER OF FILL OR PORTION THEREOF IS BELOW THE REQUIRED DENSITY, THE PARTICULAR LAYER OR PORTION SHALL BE REMOVED AND RETESTED AT THE EXPENSE OF THE CONTRACTOR UNLESS THE CONTRACTOR CAN SHOW EVIDENCE THAT CIRCUMSTANCES BEYOND HIS CONTROL REQUIRED THE RETESTING. GENERALLY, THE SPECIFIC TESTING WILL BE AS FOLLOWS AND CONDUCTED BY GEOTECHNICAL ENGINEERS.
 - THE LAND TO BE FILLED (PREPARED SUBGRADE) SHALL BE PREPARED AND TESTED AT A FREQUENCY AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
 - THE FIRST LIFT OF COMPACTED FILL (GENERALLY 6" TO 12" IN) SHALL BE TESTED AS DETERMINED BY THE GEOTECHNICAL ENGINEER. ANY AREAS SUPPORTING THE PROPOSED STRUCTURES REQUIRING FILL SHALL BE TESTED FOR DENSITY COMPLIANCE.
 - FILL SHALL BE TESTED A MAXIMUM OF EACH EIGHTEEN INCHES (18") OF FILL.
 - TEST RESULTS WILL BE PROVIDED BY THE FIELD TECHNICIAN TO THE CONTRACTOR WHEN POSSIBLE; HOWEVER, ALL TEST RESULTS ARE TO BE REVIEWED BY THE GEOTECHNICAL ENGINEER FOR COMPLIANCE. THE ENGINEER WILL NOTIFY THE CONTRACTOR OF ALL THE TEST RESULTS.
- CUT/FILL LOTS**
2600'S INVOLVING CUT ON ONE PORTION AND FILL ON ANOTHER PORTION OF A SPECIFIC LOT SHALL BE PREPARED TO A MINIMUM DEPTH OF 6-IN. AND WILL BE THE SAME MATERIAL CLASSIFICATION AT THE SAME COMPACTION AND MOISTURE CONTENT. A MINIMUM OF TWO (2) FIELD DENSITY TESTS SHALL BE REQUIRED ON EACH CUT/FILL LOT FOR THE PURPOSE OF DETERMINING UNIFORMITY OF THE AREA SUPPORTING THE PROPOSED STRUCTURES.

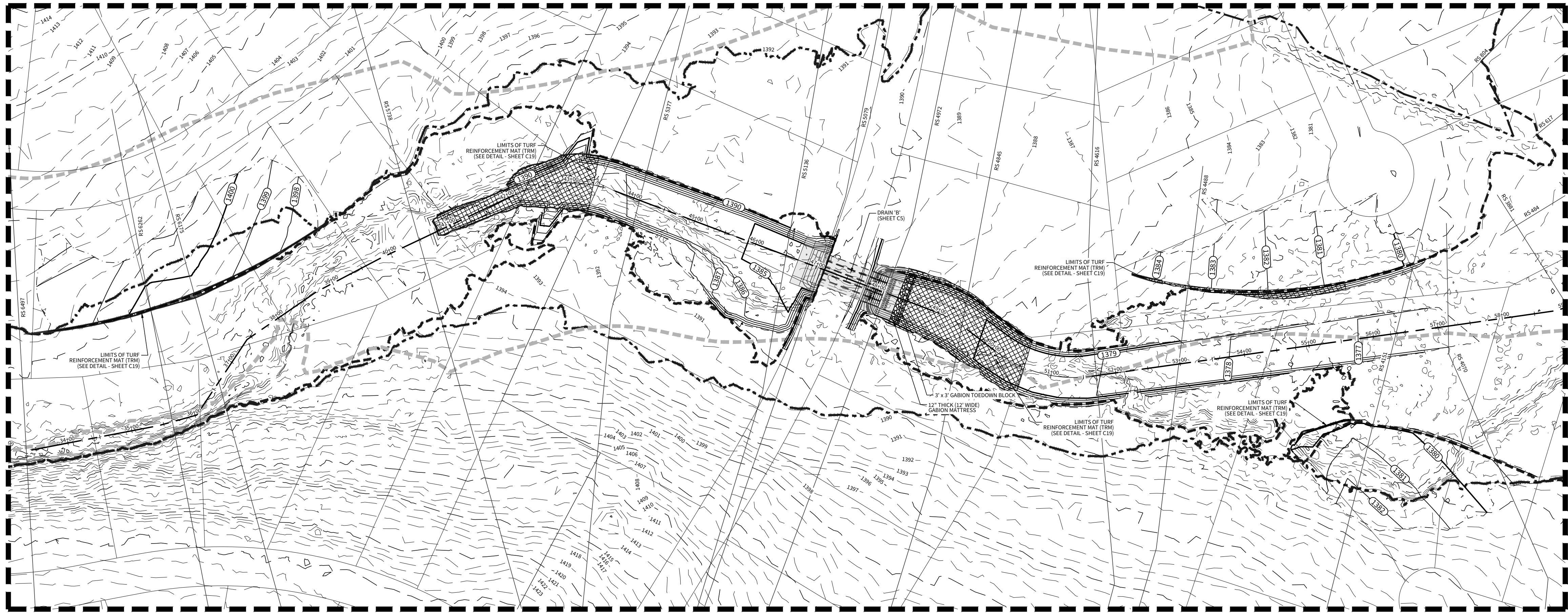


DETAIL 1

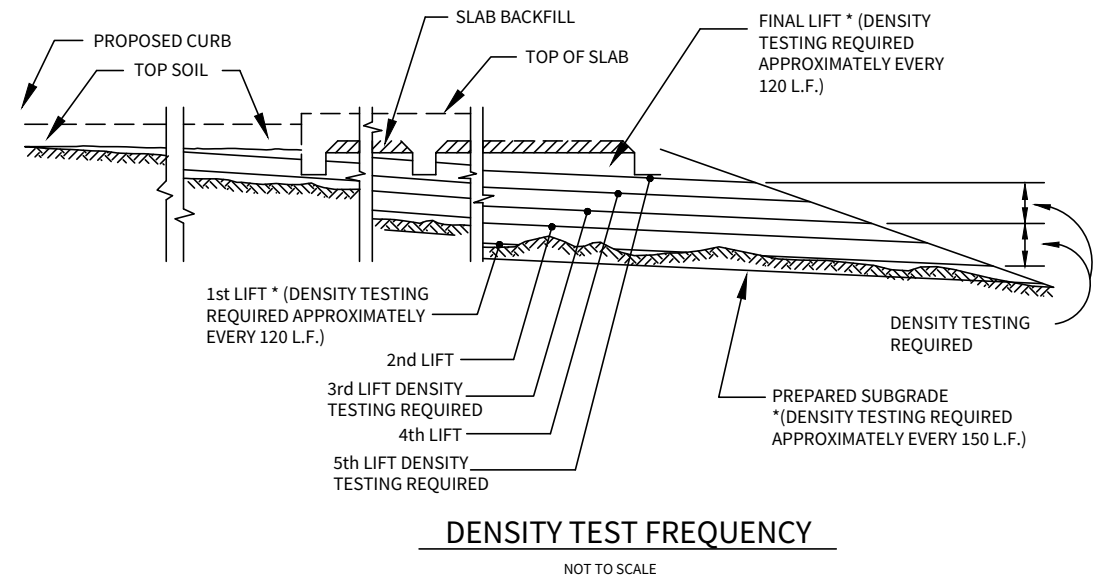


DETAIL 3

SCALE: 1"=100'
100 50 0 100



DETAIL 2

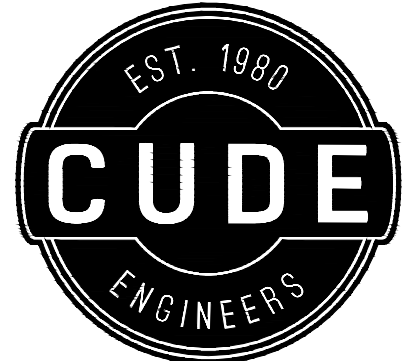


DENSITY TEST FREQUENCY
NOT TO SCALE

LEGEND

- | | |
|---|---------|
| PROPOSED CONTOUR | --- |
| EXISTING CONTOUR | - - - - |
| PROPERTY BOUNDARY | --- |
| DETAIL EXTENTS | --- |
| HEC-RAS CROSS-SECTIONS | --- |
| TURF REINFORCEMENT MAT (SEE DETAIL - SHEET C19) | --- |
| GABION MATTRESS (SEE DETAIL - SHEET C20) | --- |
| EFFECTIVE 100 YR FLOODPLAIN | --- |
| CORRECTED EFFECTIVE 100 YR FLOODPLAIN | --- |
| PROPOSED 100 YR FLOODPLAIN | --- |
| STREAM CENTERLINE | --- |
| LIMITS OF GRADING | --- |

- NOTES:**
- UPON COMPLETION OF CLOMR GRADING ENGINEER TO REVIEW COMPETENCY OF BEDROCK WHERE PROJECT CONDITION VELOCITIES EXCEED EXISTING CONDITION VELOCITIES AND/OR WHERE VELOCITIES EXCEED 6 FPS AND REASSESS SITE FOR EROSION CONTROL MEASURES.
 - FILL SITES, UPON WHICH STRUCTURES WILL BE CONSTRUCTED OR PLACED MUST BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DENSITY ATTAINABLE WITH THE STANDARD PROCTOR TEST METHOD OR AN ACCEPTABLE EQUIVALENT METHOD.
 - FILL SHALL BE COMPOSED OF CLEAN GRANULAR OR EARTHEN MATERIAL.



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San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

**GEORGE'S RANCH
CLOMR**
CHANNEL IMPROVEMENT PLAN
TRIBUTARY A TO POSTOAK CREEK

DATE
04/22/2021
PROJECT NO.
03546.000
DRAWN BY
MW/RM
CHECKED BY
WPM

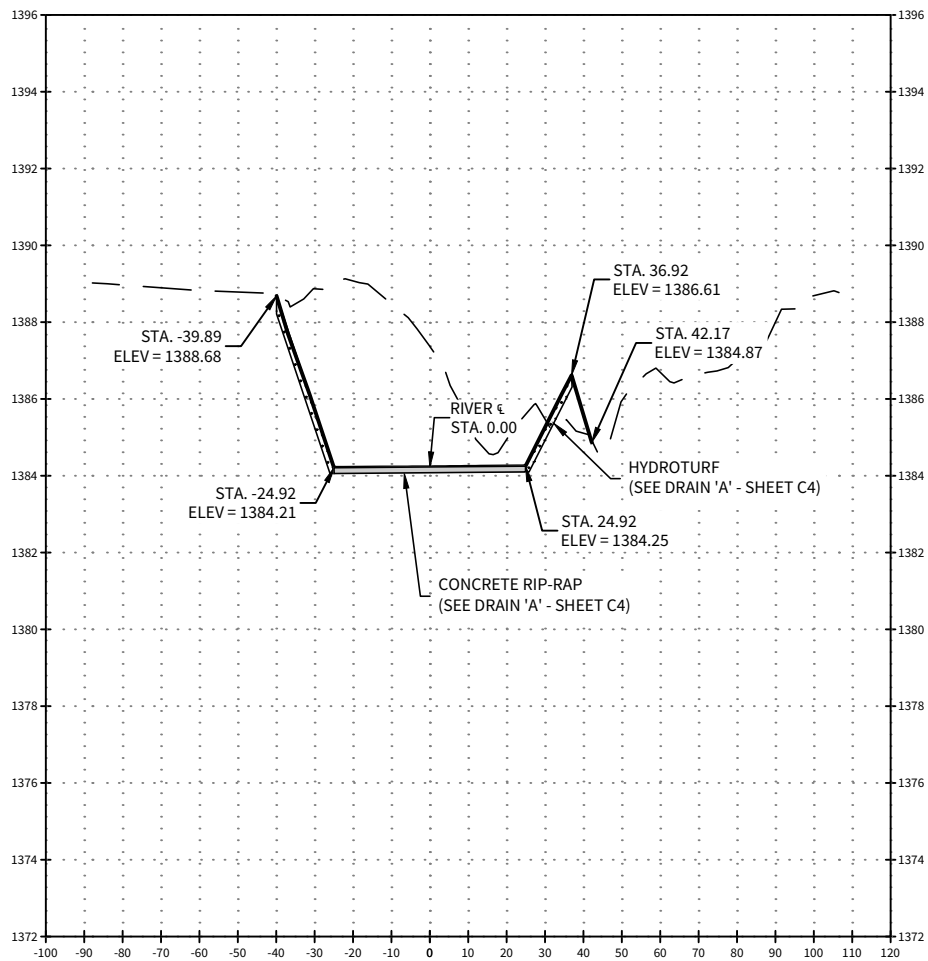
REVISIONS	
1.	2021-10-11 - REVISED CLOMR GRADING, ADDED HYDROLOGIC LINES, AND NOTE
2.	2022-03-01 - REVISED CLOMR GRADING, REMOVED PONDS
3.	2023-04-28 - REVISED CLOMR GRADING
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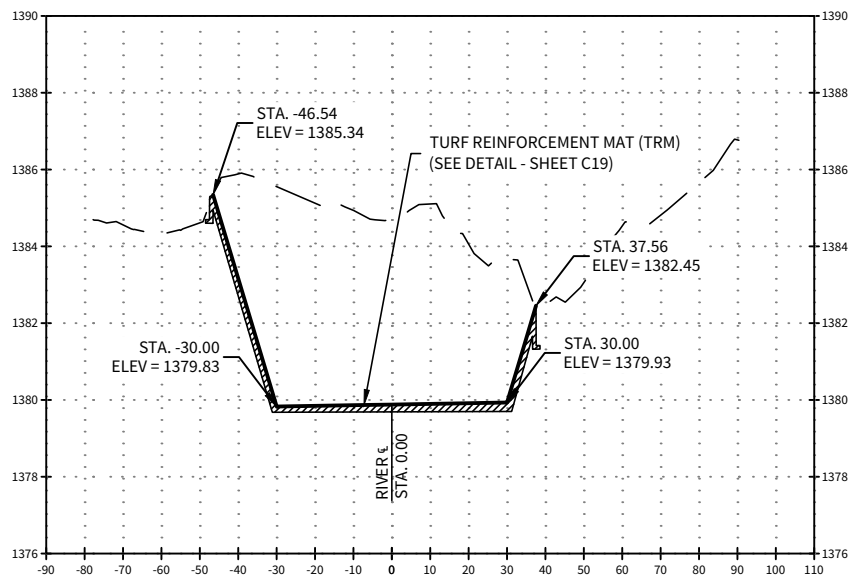
CUDE ENGINEERS
TBPEL No. 435

C2

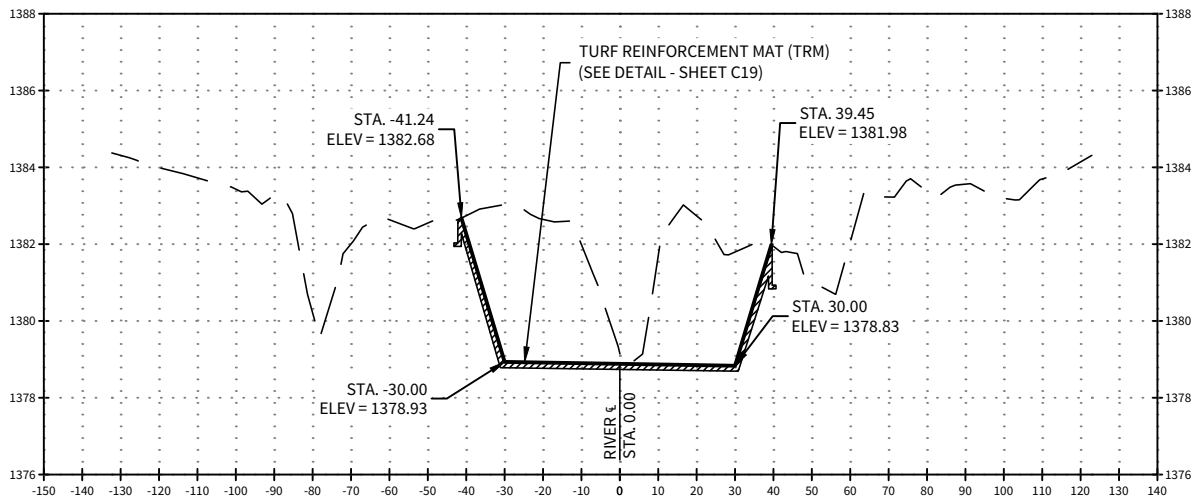
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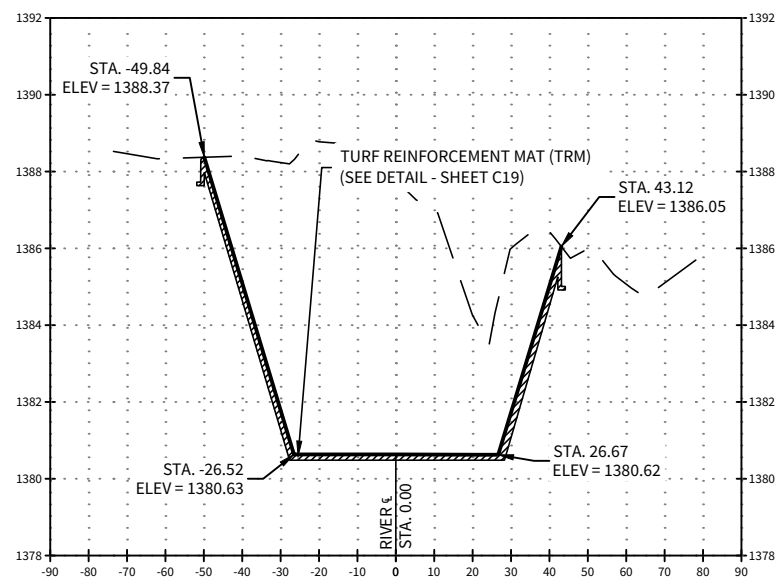
STA. 50+00.00 (HEC-RAS STA. 47+86.84)



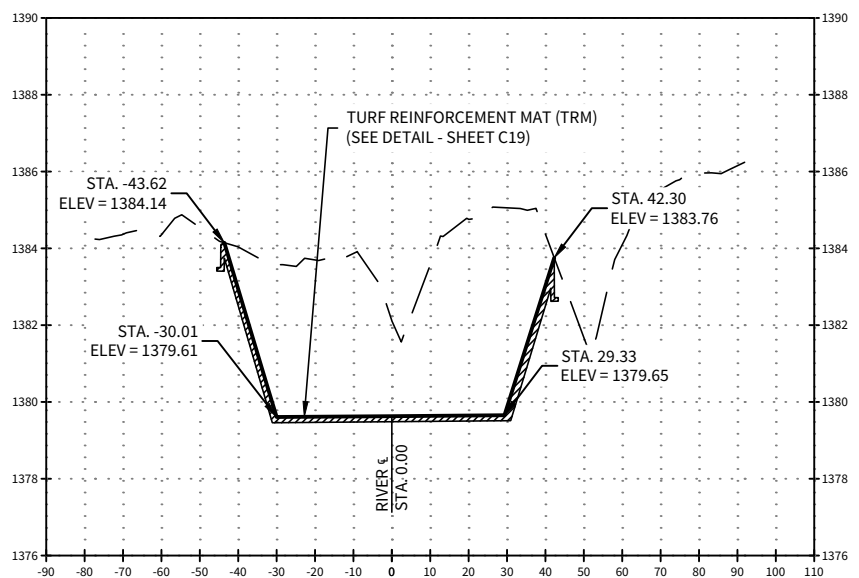
STA. 52+00.00 (HEC-RAS STA. 45+86.84)



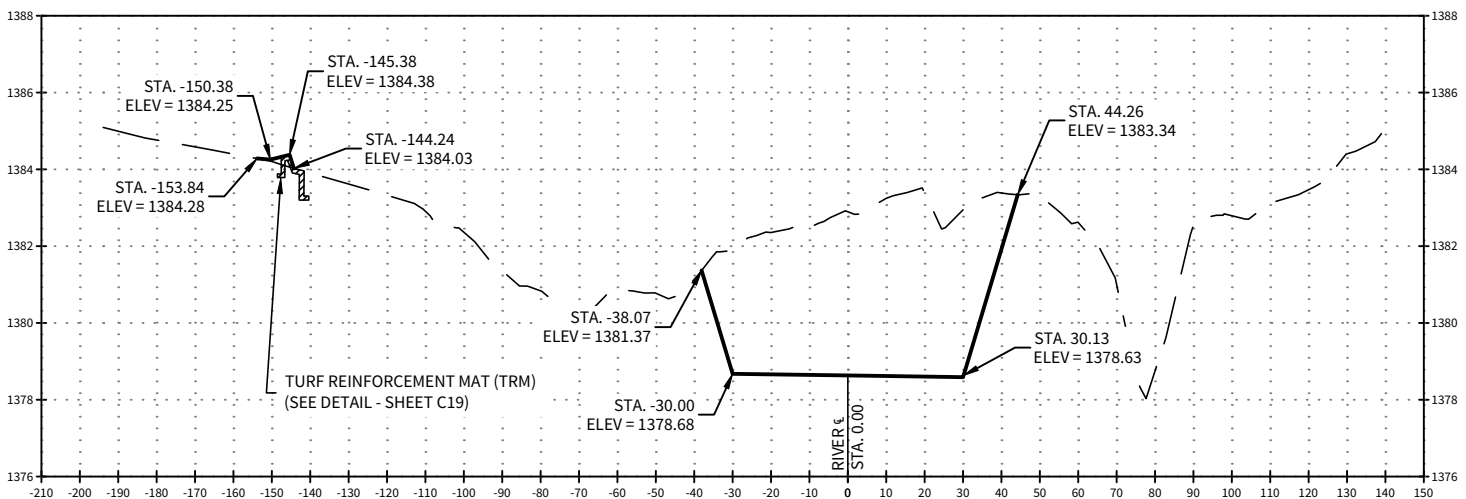
STA. 48+50.00 (HEC-RAS STA. 49+36.84)



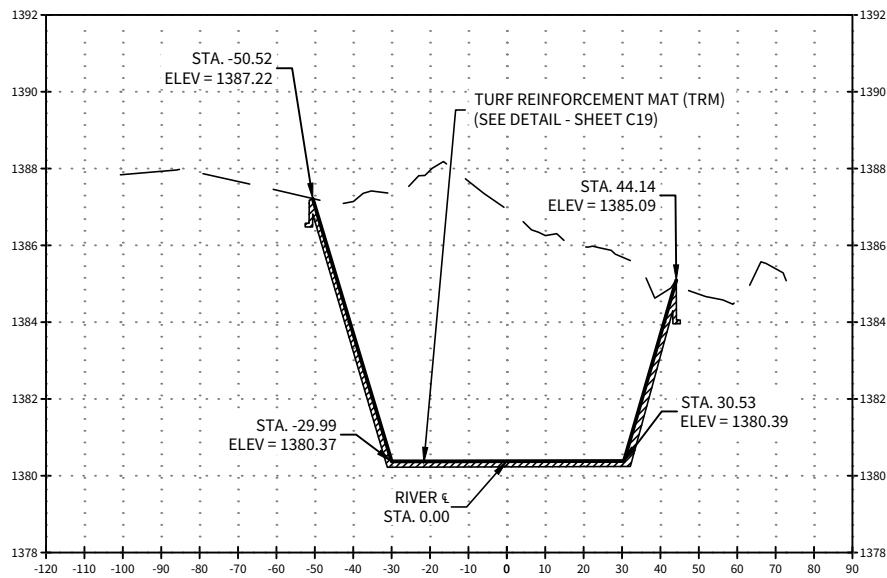
STA. 50+50.00 (HEC-RAS STA. 47+36.84)



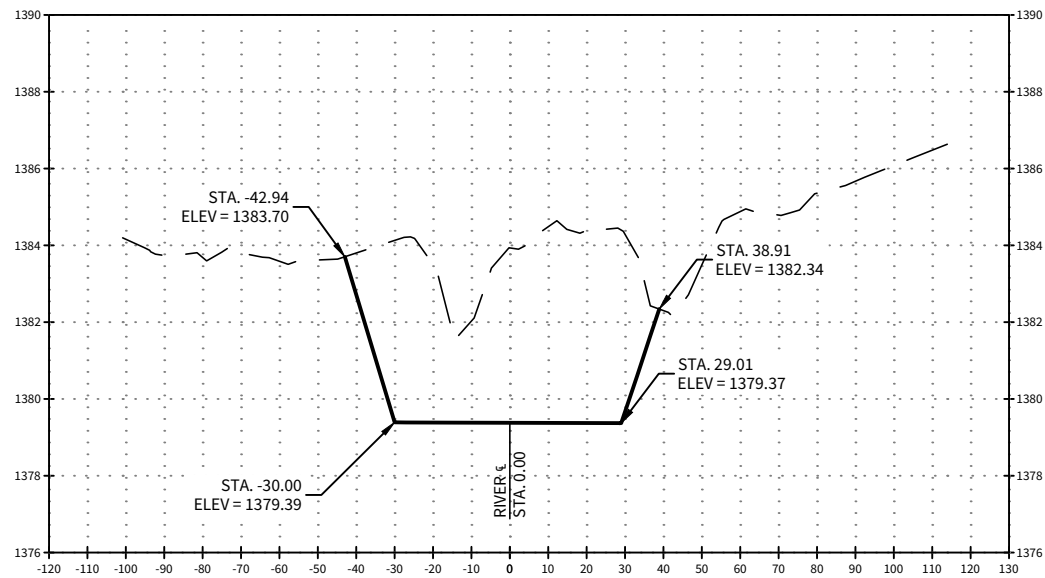
STA. 52+50.00 (HEC-RAS STA. 45+36.84)



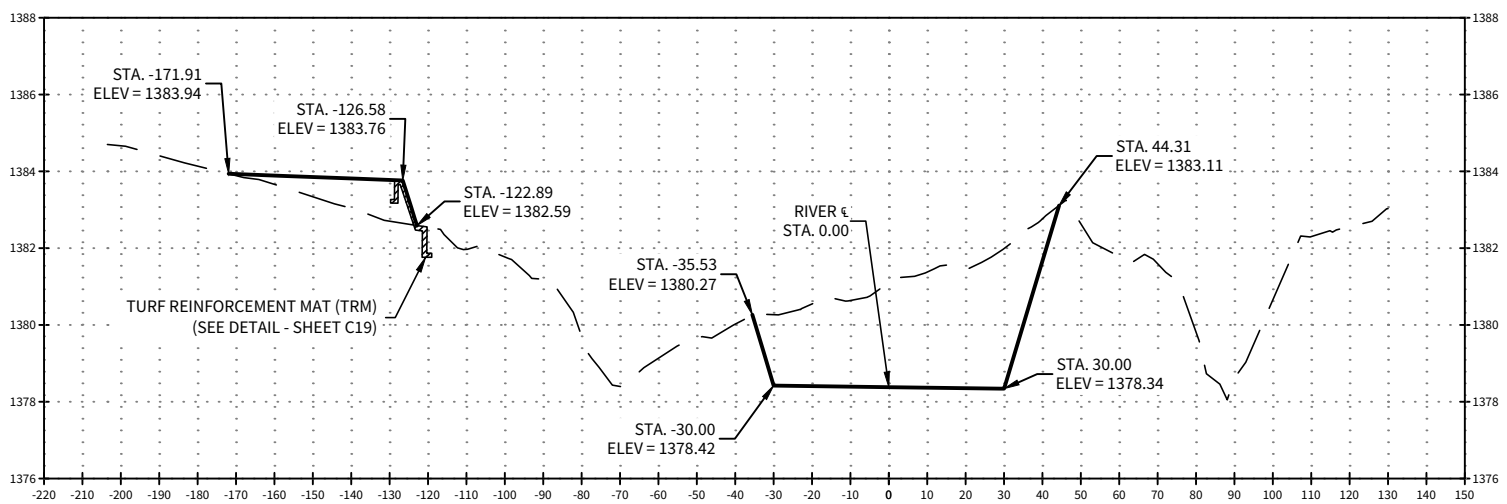
STA. 49+00.00 (HEC-RAS STA. 48+86.84)



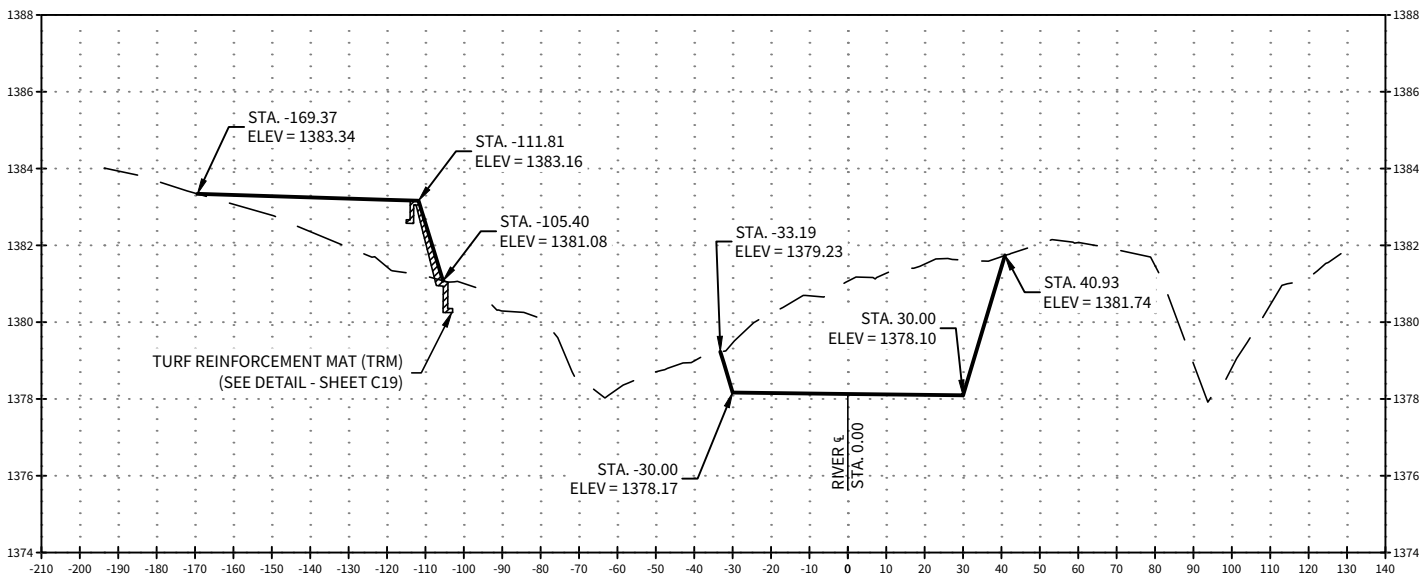
STA. 51+00.00 (HEC-RAS STA. 46+86.84)



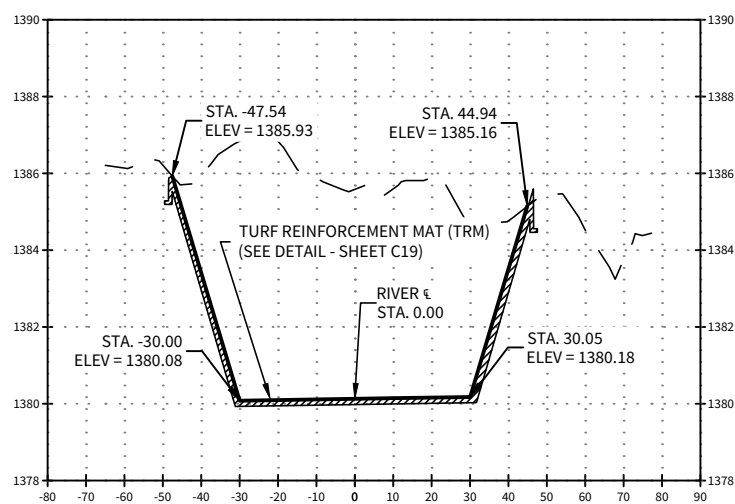
STA. 53+00.00 (HEC-RAS STA. 44+86.84)



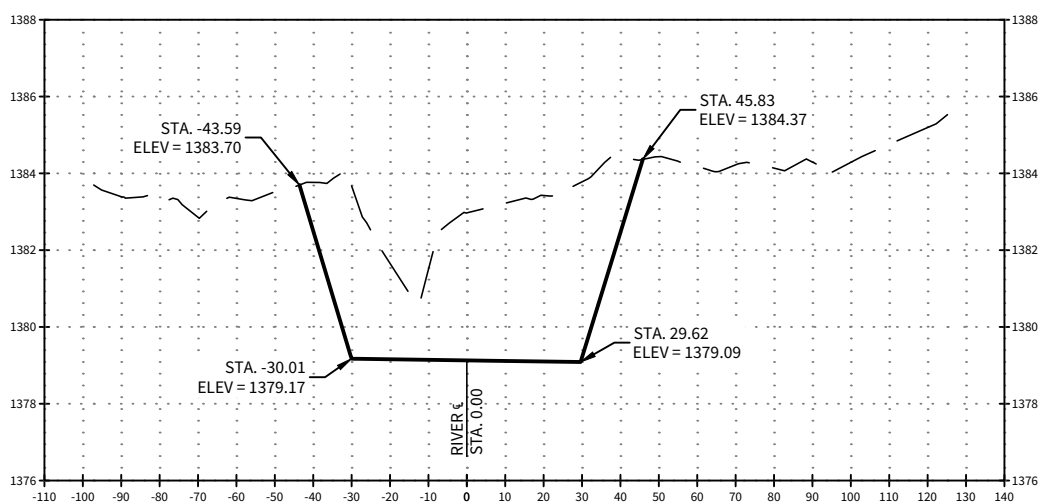
STA. 53+50.00 (HEC-RAS STA. 44+36.84)



STA. 49+50.00 (HEC-RAS STA. 48+36.84)



STA. 51+50.00 (HEC-RAS STA. 46+36.84)



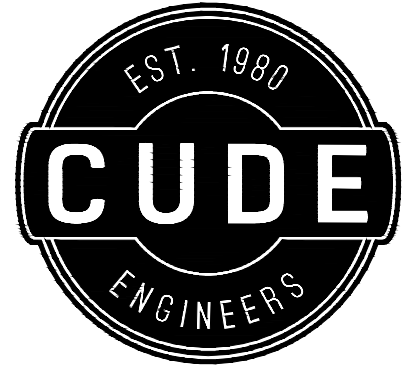
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

LEGEND

EXISTING GROUND ---
PROPOSED GROUND —

NOTE
CONTRACTOR SHALL BE RESPONSIBLE
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PRIVATE, PRIOR TO CONSTRUCTION.

- NOTES:
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GEORGE'S RANCH
CLOMR
CLOMR SECTIONS - TRIBUTARY A
STA. 48+00 TO STA. 53+50

DATE

04/22/2021

PROJECT NO.

03546.000

DRAWN BY

MW/RM

CHECKED BY

WPM

REVISIONS

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.



5/5/2022

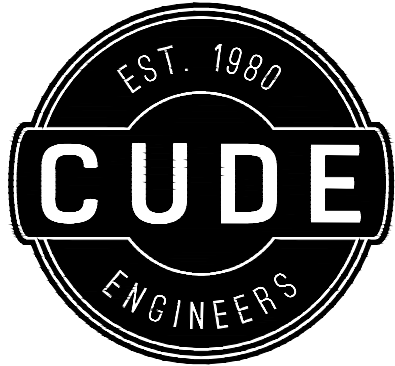
CUDE ENGINEERS

TBPEL No. 455

PLAT NO.

N/A

C45



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
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GEORGE'S RANCH
CLOMR
CLOMR SECTIONS - TRIBUTARY A
STA. 54+00 TO STA. 57+50

DATE
04/22/2021

PROJECT NO.
03546.000

DRAWN BY
MW/RM

CHECKED BY
WPM

REVISIONS

- 1.
- 2.
- 3.
- 4.
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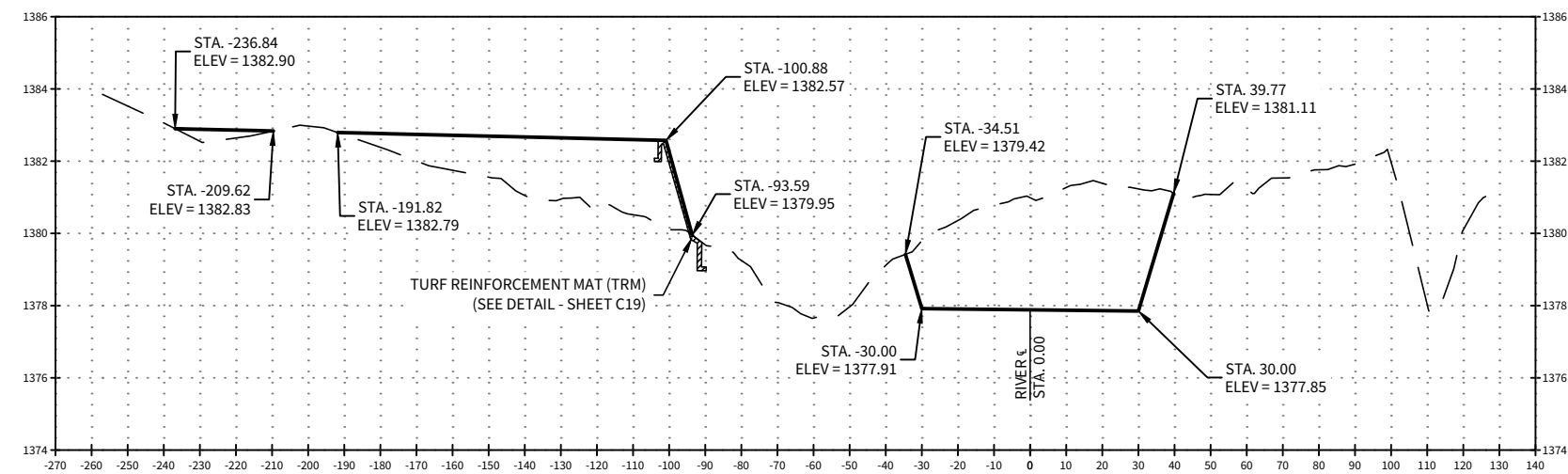


CUDE ENGINEERS
TBPCL No. 435

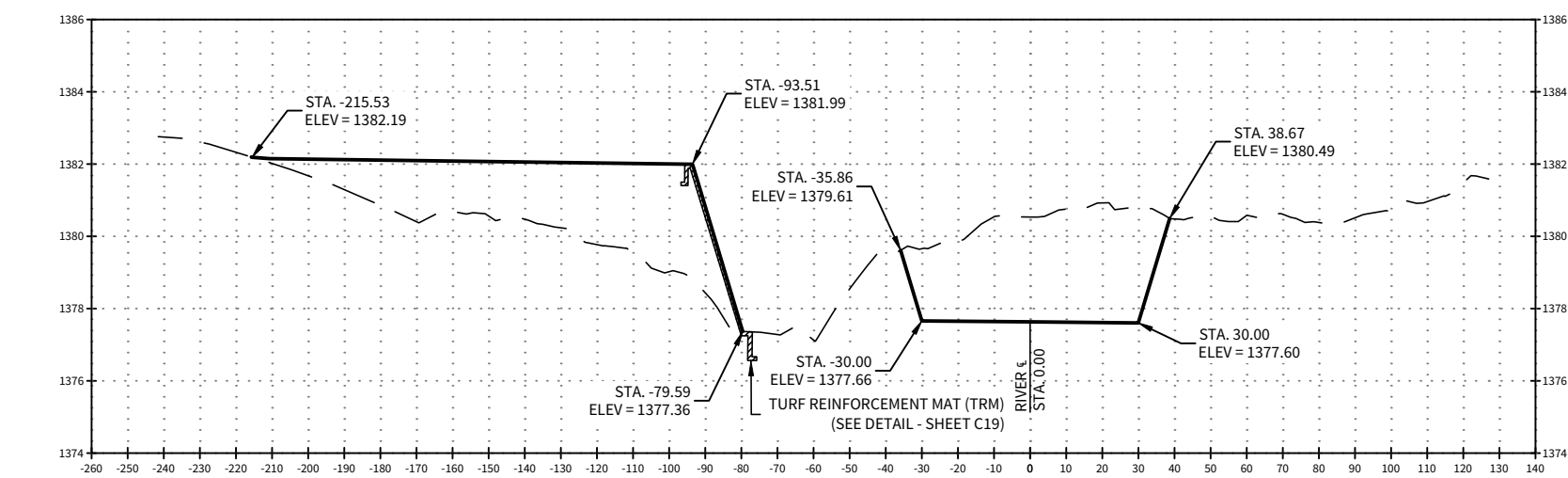
PLAT NO.
N/A

C46

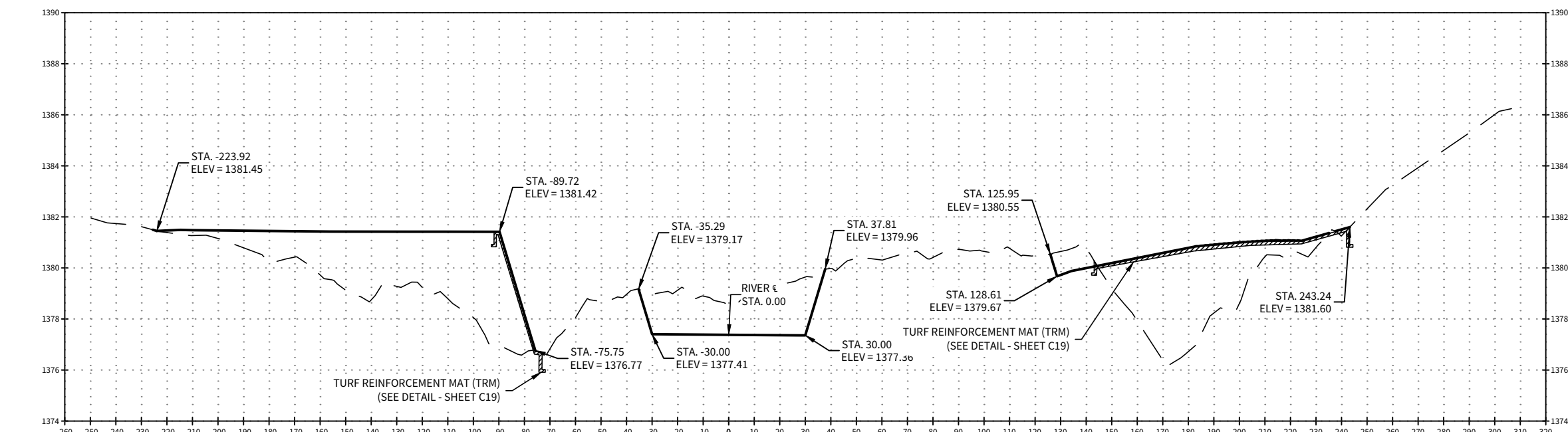
STA. 54+00.00 (HEC-RAS STA. 43+86.84)



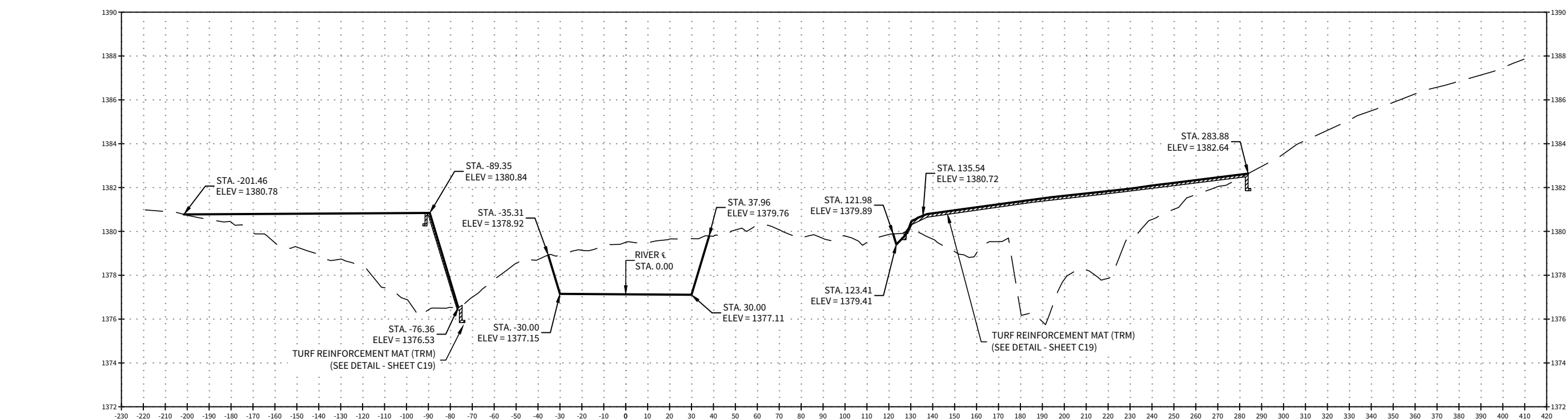
STA. 54+50.00 (HEC-RAS STA. 43+36.84)



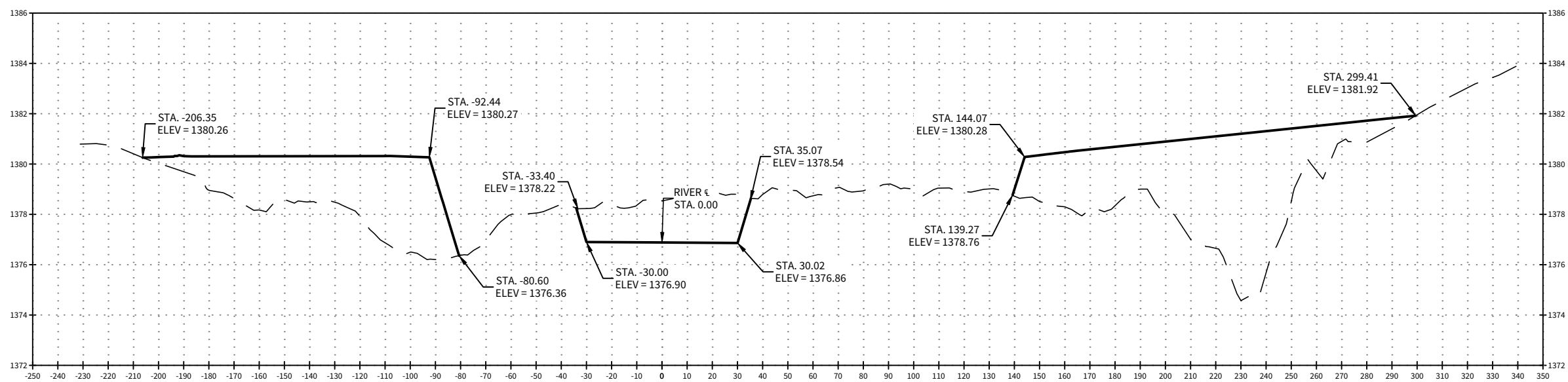
STA. 55+00.00 (HEC-RAS STA. 42+86.84)



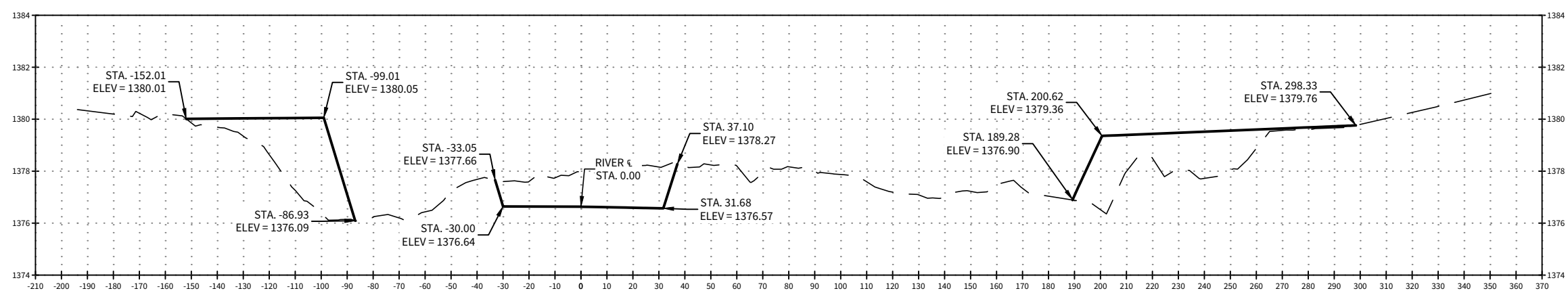
STA. 55+50.00 (HEC-RAS STA. 42+36.84)



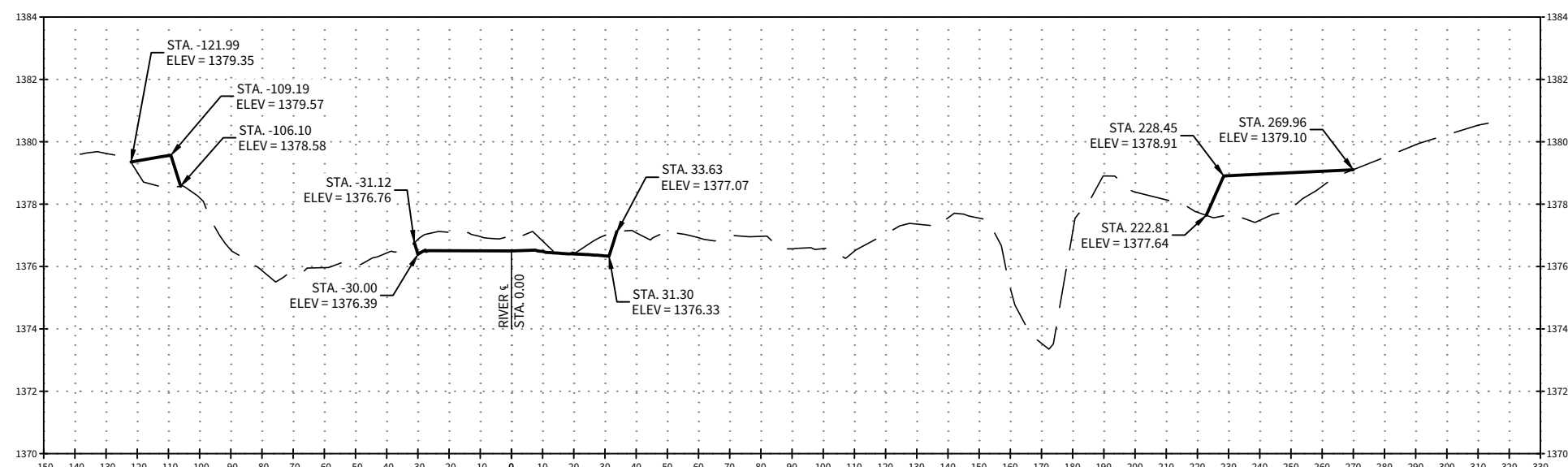
STA. 56+00.00 (HEC-RAS STA. 41+86.84)



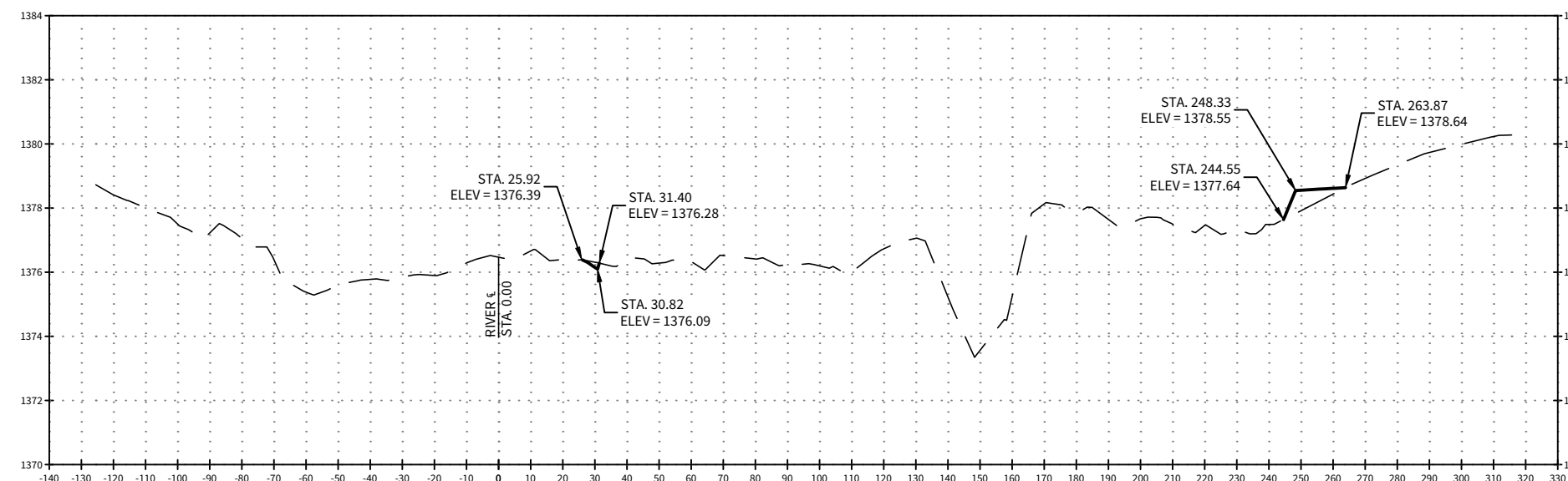
STA. 56+50.00 (HEC-RAS STA. 41+36.84)



STA. 57+00.00 (HEC-RAS STA. 40+86.84)



STA. 57+50.00 (HEC-RAS STA. 40+36.84)



LEGEND

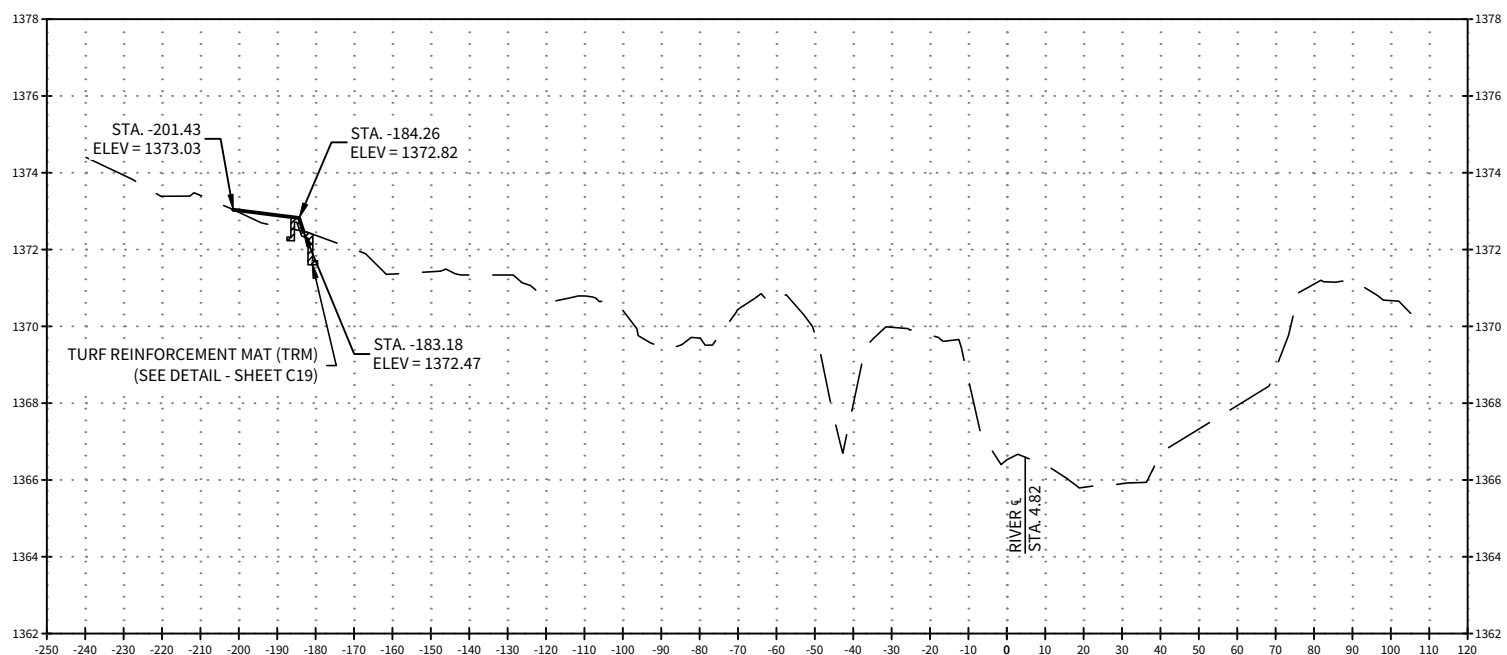
EXISTING GROUND - - - - -
PROPOSED GROUND - - - - -

NOTE
CONTRACTOR SHALL BE RESPONSIBLE
LOCATING ALL UTILITIES WHETHER PUBLIC
PRIVATE, PRIOR TO CONSTRUCTION.

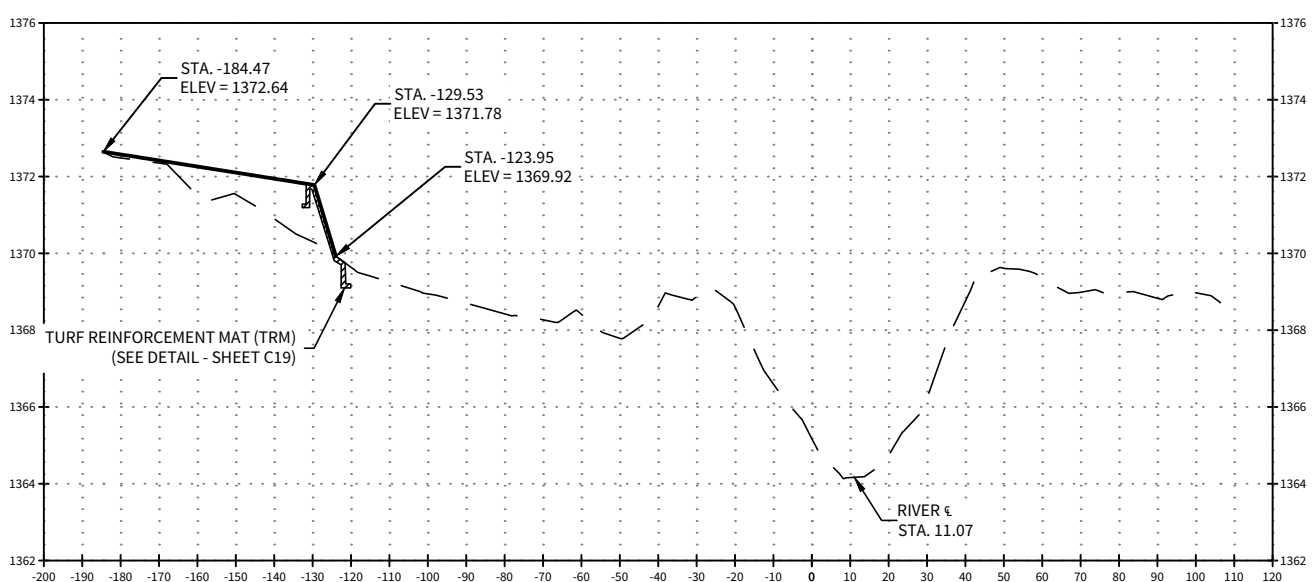
NOTES:

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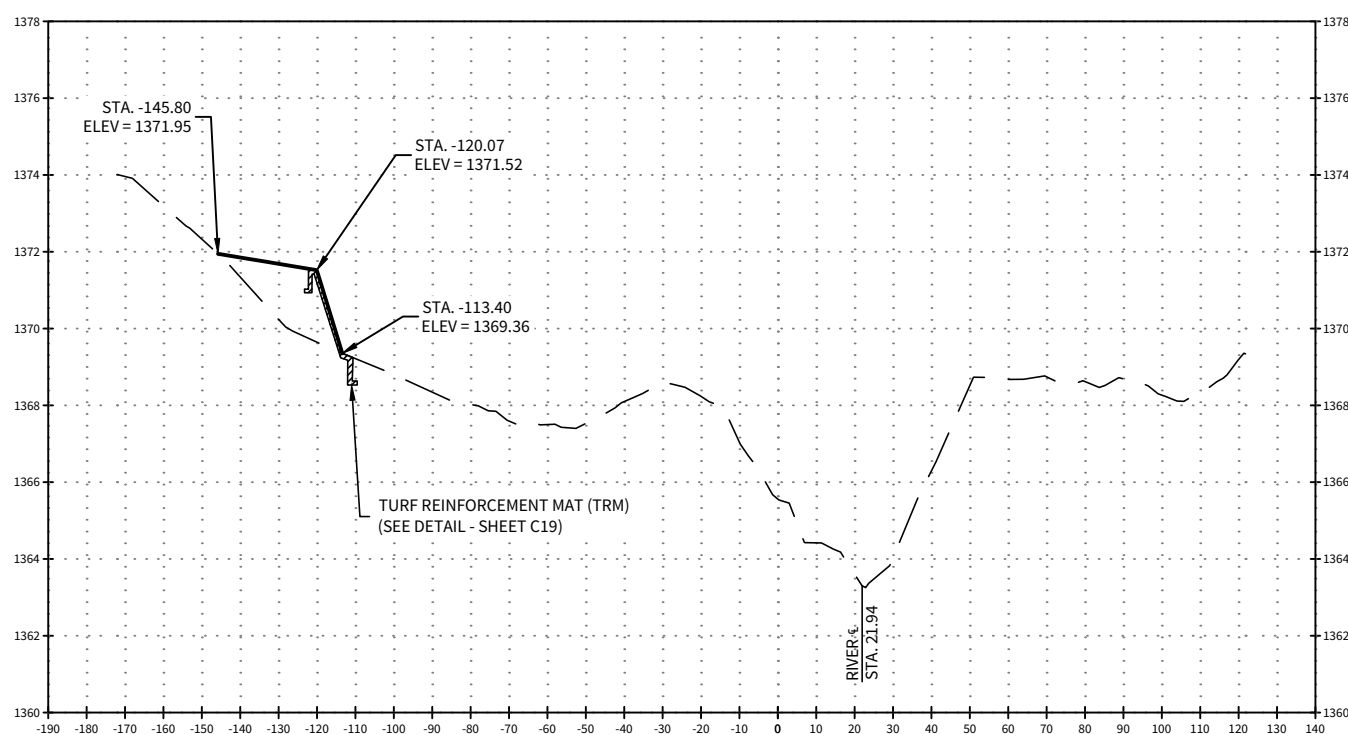
STA. 66+00.00 (HEC-RAS STA. 31+77.84)



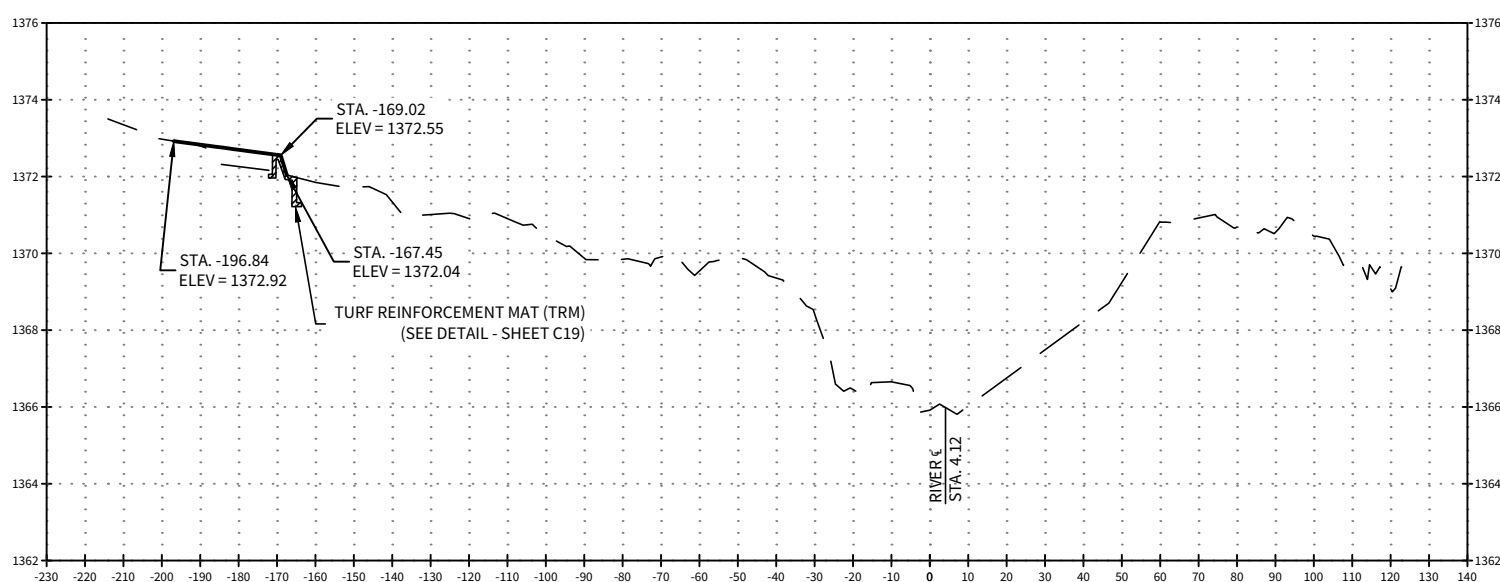
STA. 68+00.00 (HEC-RAS STA. 29+72.20)



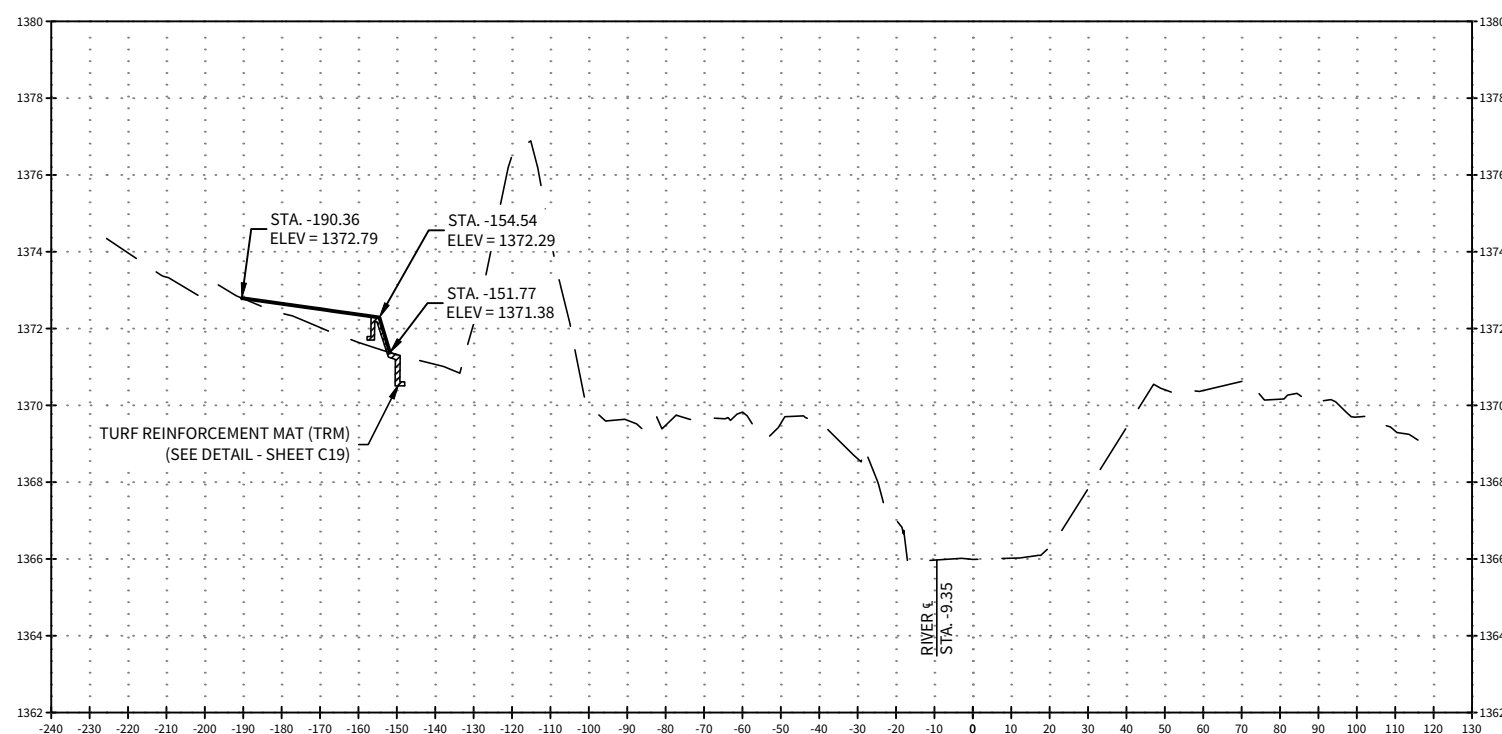
STA. 68+50.00 (HEC-RAS STA. 29+20.86)



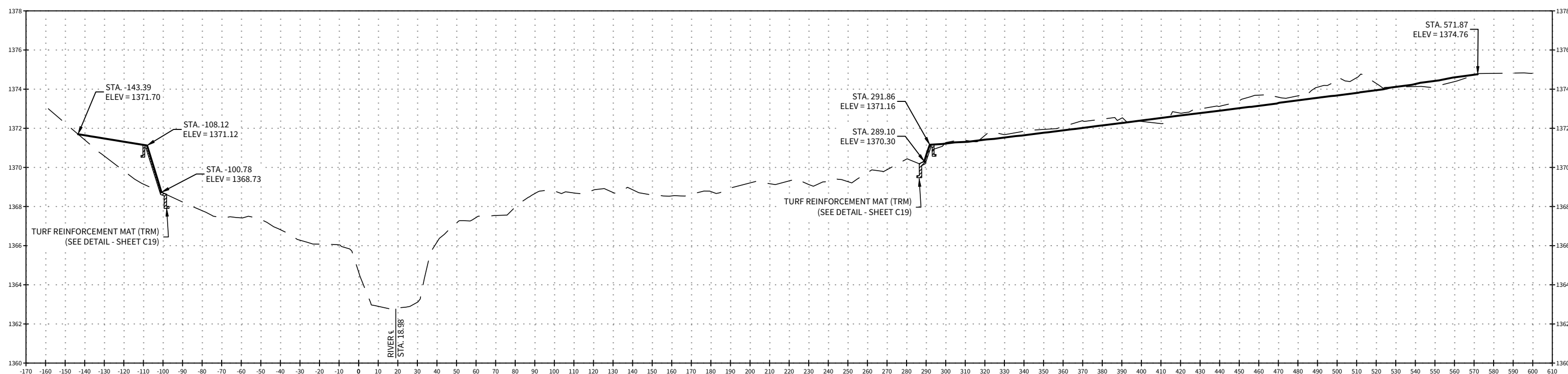
STA. 66+50.00 (HEC-RAS STA. 31+26.80)



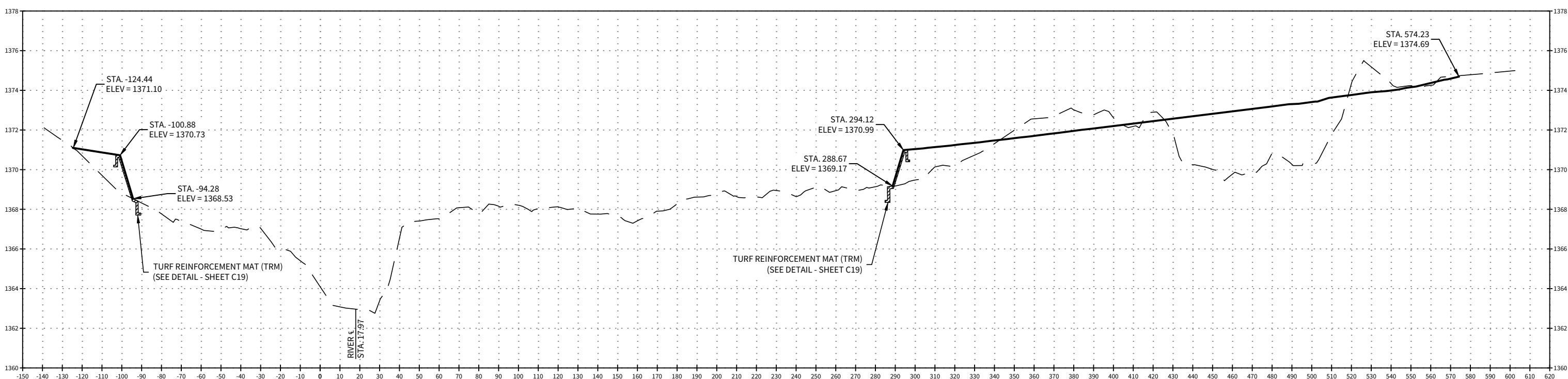
STA. 67+00.00 (HEC-RAS STA. 30+71.64)



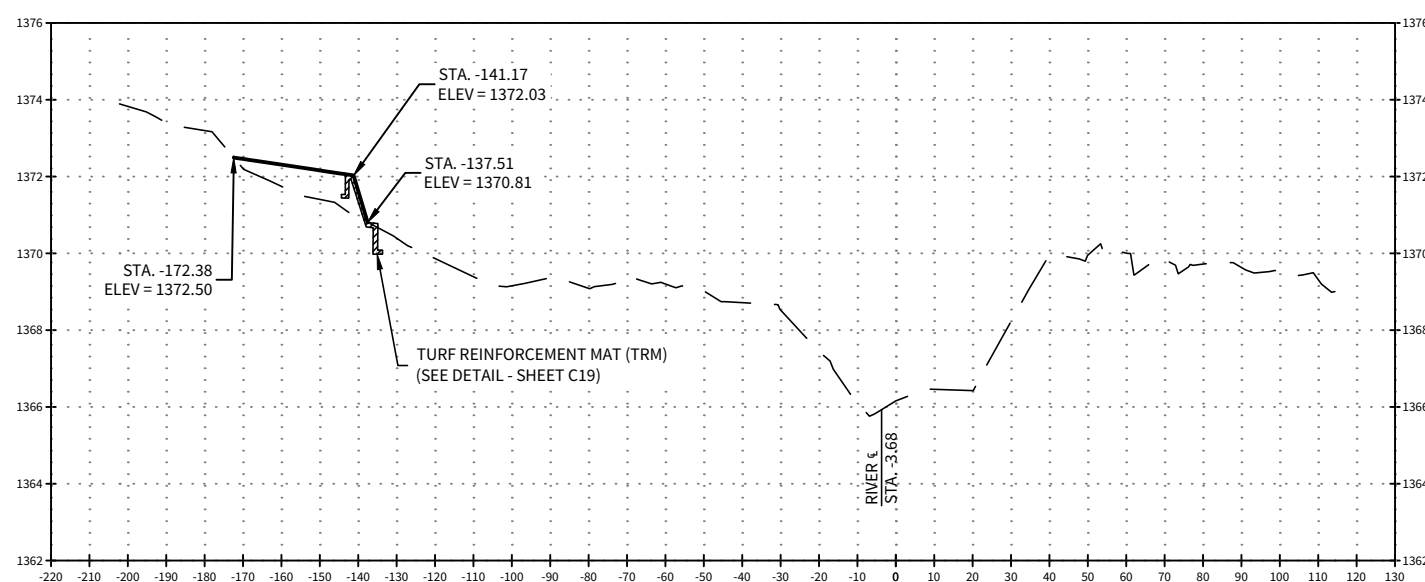
STA. 69+00.00 (HEC-RAS STA. 28+71.30)



STA. 69+50.00 (HEC-RAS STA. 28+21.84)



STA. 67+50.00 (HEC-RAS STA. 30+23.50)

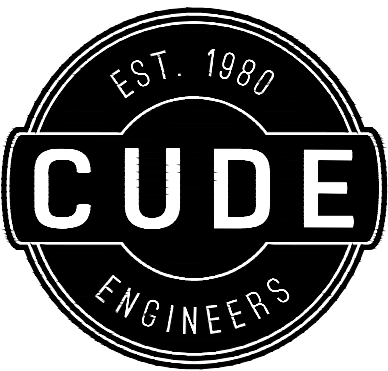


HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

LEGEND
EXISTING GROUND ---
PROPOSED GROUND —

NOTE
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GEORGE'S RANCH
CLOMR
CLOMR SECTIONS - TRIBUTARY A
STA. 66+00 TO STA. 69+50

DATE

04/22/2021

PROJECT NO.
03546.000

DRAWN BY
MW/RM

CHECKED BY
WPM

REVISIONS

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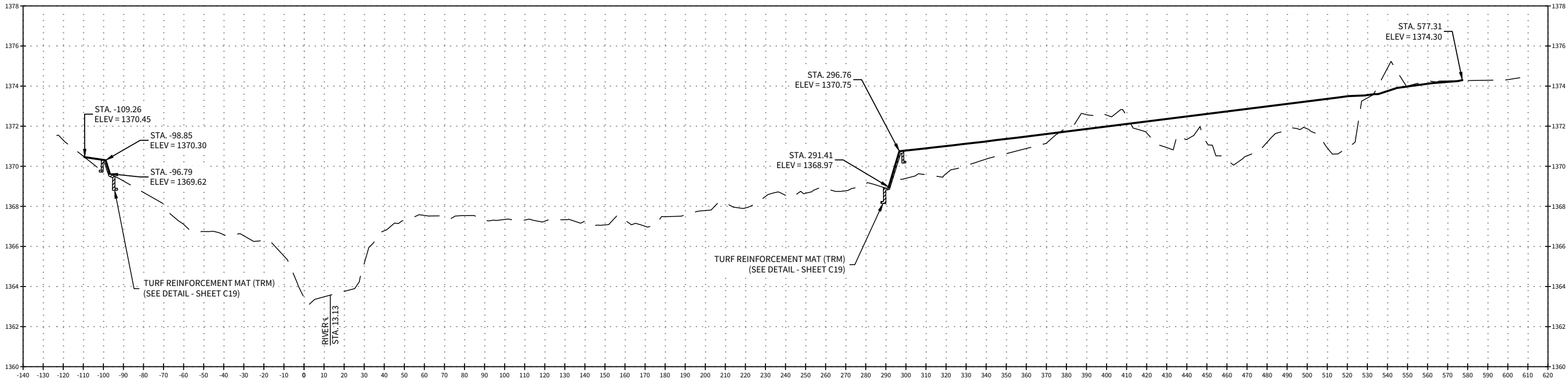


CUDE ENGINEERS
TBPCL No. 435

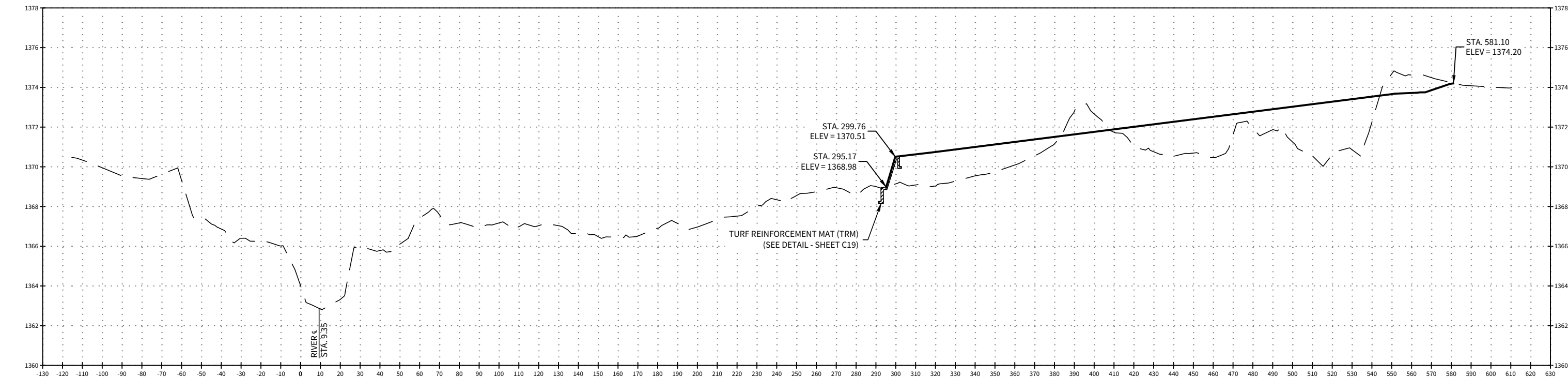
PLAT NO.
N/A

C47

STA. 70+00.00 (HEC-RAS STA. 27+71.73)

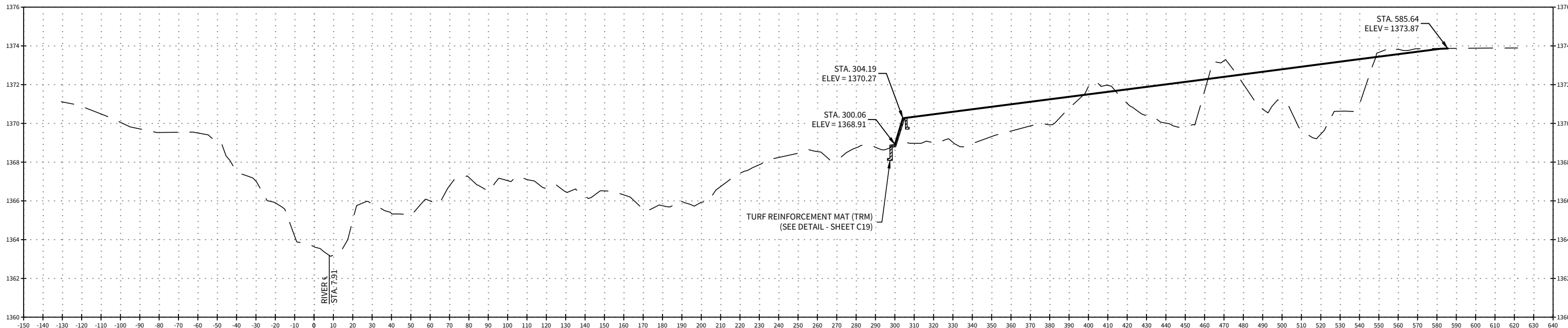


STA. 70+50.00 (HEC-RAS STA. 27+21.49)

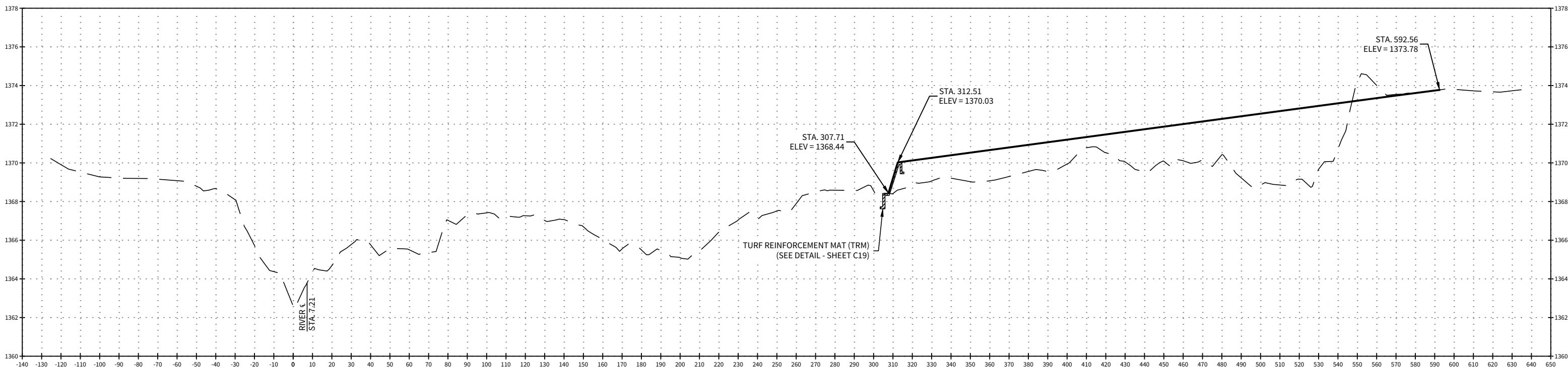


HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

STA. 71+00.00 (HEC-RAS STA. 26+71.49)



STA. 71+50.00 (HEC-RAS STA. 26+19.79)

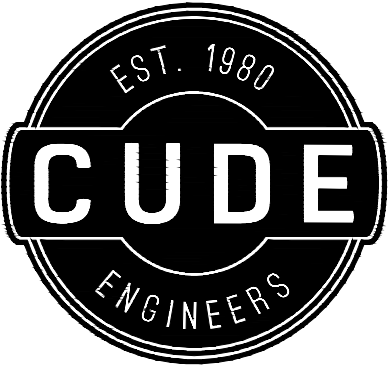


LEGEND

EXISTING GROUND - - - - -
PROPOSED GROUND _____

NOTE
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LOCATING ALL UTILITIES WHETHER PUBLIC
PRIVATE, PRIOR TO CONSTRUCTION.

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P:(210) 681.2951 F: (210) 523.7112

GEORGE'S RANCH
CLOMR
CLOMR SECTIONS - TRIBUTARY A
STA. 70+00 TO STA. 71+50

DATE

04/22/2021

PROJECT NO.

03546.000

DRAWN BY

MW/RM

CHECKED BY

WPM

REVISIONS

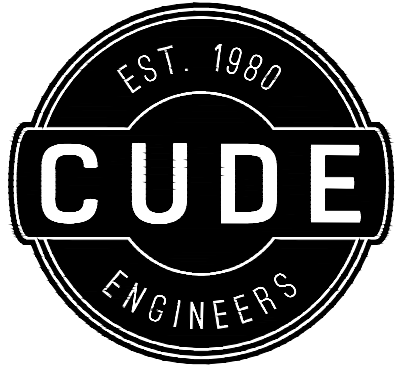
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CUDE ENGINEERS
TBPEL No. 435

PLAT NO.
N/A

C48



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P:(210) 681.2951 F: (210) 523.7112

GEORGE'S RANCH
CLOMR
CLOMR SECTIONS - TRIBUTARY A
STA. 72+00 TO STA. 73+50

DATE
04/22/2021
PROJECT NO.
03546.000
DRAWN BY
MW/RM
CHECKED BY
WPM

REVISIONS
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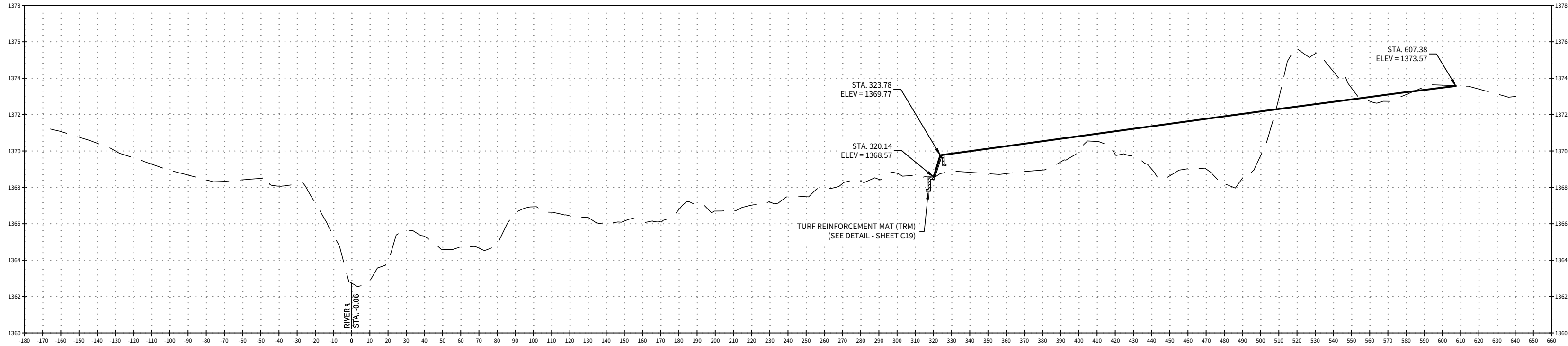
CUDE ENGINEERS
TBPEL No. 435

PLAT NO.
N/A

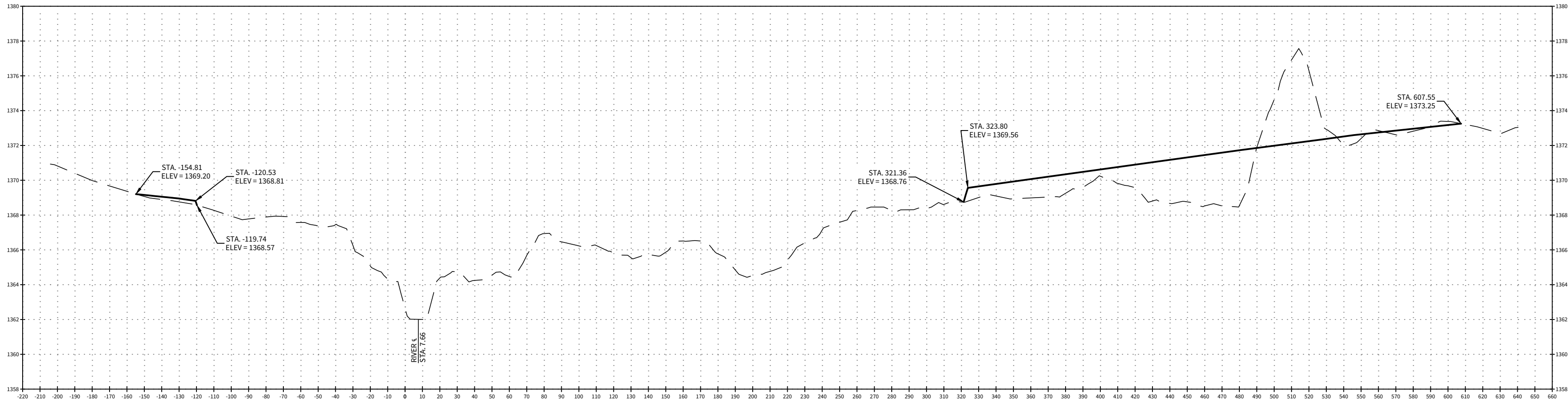
C49

49 OF 51

STA. 72+00.00 (HEC-RAS STA. 25+69.03)

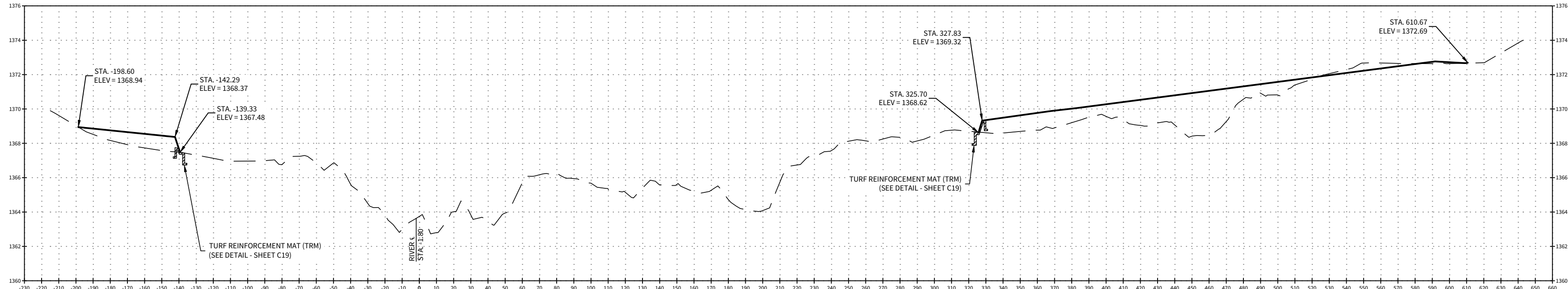


STA. 72+50.00 (HEC-RAS STA. 25+17.79)

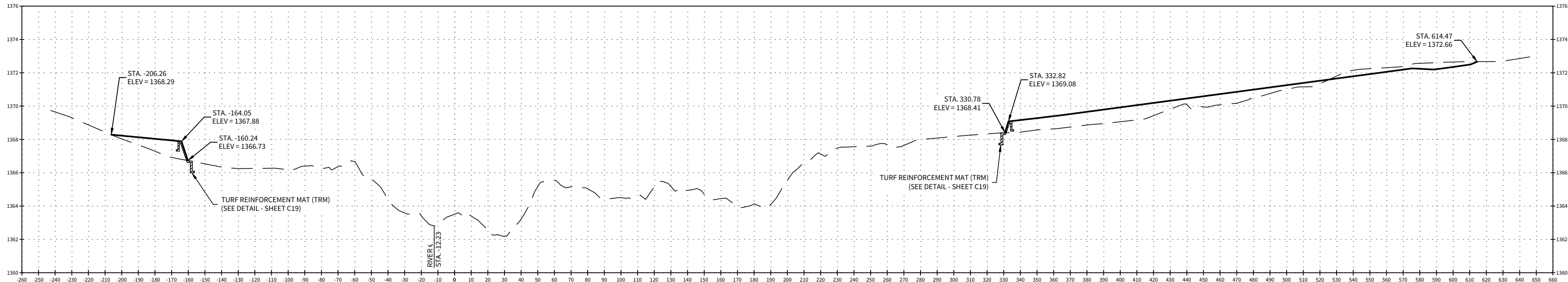


HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

STA. 73+00.00 (HEC-RAS STA. 24+67.10)



STA. 73+50.00 (HEC-RAS STA. 24+16.03)



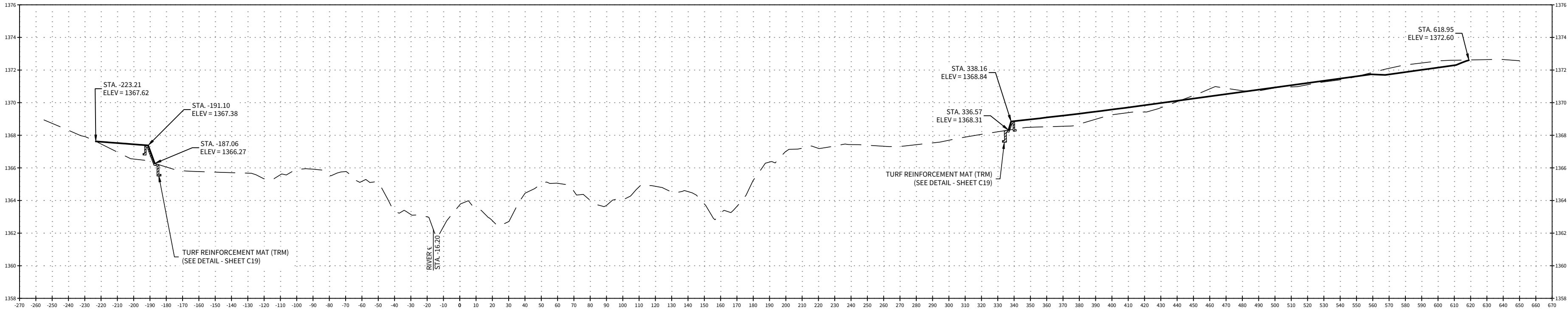
LEGEND

EXISTING GROUND ---
PROPOSED GROUND —

NOTE
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STA. 74+00.00 (HEC-RAS STA. 23+65.54)



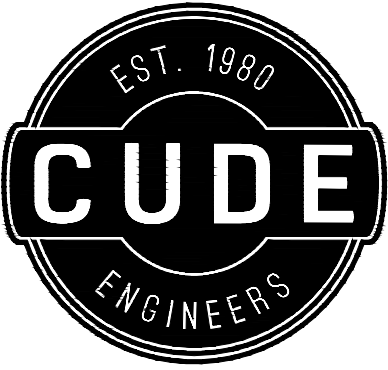
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

LEGEND

EXISTING GROUND - - - - -
PROPOSED GROUND _____

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GEORGE'S RANCH
CLOMR
CLOMR SECTIONS - TRIBUTARY A
STA. 74+00

DATE

04/22/2021

PROJECT NO.

03546.000

DRAWN BY

MW/RM

CHECKED BY

WPM

REVISIONS

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CUDE ENGINEERS
TBPEL No. 435

PLAT NO.
N/A

C50