City of Colleyville
City Council
Worksession Agenda

City Hall
100 Main Street
Colleyville, Texas 76034
817.503.1000
www.colleyville.com

Monday, April 17, 2017
6:00 p.m.

Executive Conference Room
Third Floor - City Hall

1. CALL TO ORDER

2. PRESENTATION AND DISCUSSION

2a Presentation and discussion of the Glade Road Project

3. ADJOURNMENT

I hereby certify this agenda was posted on City Hall bulletin boards Thursday, April 13, 2017 by 5:00 p.m.

Amy Shelley, TRMC
City Secretary

A quorum of any Colleyville board, commission, or committee may be present at this meeting.

Any matter on this agenda may, at the discretion of the governing body, be opened for public comment and discussion.

If you plan to attend this public meeting and have a disability that requires special accommodations, please advise the City Secretary at least 48 hours in advance at 817.503.1133, and reasonable accommodations will be made to assist you.

City of Colleyville
Colleyville City Council Worksession Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number 2a **Agenda Date** 04/17/2017 **Number**
Type Presentation and Discussion
Department Public Works

Title
Presentation and discussion of the Glade Road Project

Strategic Plan
1.1 Actively involve and engage stakeholders

Explanation
Staff presented an update on the Glade Road Project during the January 24, 2017, City Council worksession. During the discussion at the worksession, City Council identified questions and requests for additional information which required further analysis by the design consultant. The January 24, 2017, City Council worksession presentation is attached for reference.

This presentation and discussion, which will be led by City staff and the design consultant, will focus on the follow up items discussed during the January 24, 2017, City Council worksession and an update of Glade Road Phase I. City Council identified questions and had requests for additional information about various options for Phase 2 of Glade Road which required further analysis including:

- A comparison chart that clearly shows information on the options that include impacted trees, ROW impacts, costs, and a summary of the options design elements
- Consideration of the combination of the original "Base" project and "Option 3", per the recommendation of the design consultant
- Consideration a Full Depth Reclamation style reconstruction project with the addition of ribbon curbs for Glade Road - Phase 2
- Consideration a Full Depth Reclamation style maintenance project for Glade Road - Phase 2
- Updated costs for all Glade Road Phases

It should be noted that the Base Option includes an asphalt street section with concrete curbs. This option would be considered a complete reconstruction of the roadway. In order to adequately address the questions form the City Council the design consultant has prepared additional information that will be presented and discussed during the meeting.

-

- **Base Option -** Curb and gutters with turn lanes, trail on the north side and sidewalk on the south

- **Alternate Option 1** – Ribbon curb with roadside ditches and no turn lanes, sidewalk on the north side and trail on the south

- **Alternate Option 2** – Alternate Option 1 with the addition of grate inlet along with the roadside ditches (storm drainage), sidewalk on the north side and trail on the south

- **Alternate Option 3** – Alternate Option 2 with the addition of left turn lanes, sidewalk on the north side and trail on the south

- **Alternate Option 4 –** is a combination two options. The Base Option for Rose to Montclair and Alternate Option 3 for Montclair to Pool Road

- **Alternate Option 5 –** Pavement reclamation with the addition of ribbon curbs and additional grading, no additional pedestrian facilities

- **Alternate Option 6** – Pavement reclamation only, no additional pedestrian facilities

Attachments

1. April 17, 2017 Glade Road Project Presentation
2. January 24, 2017 Presentation
3. Comparison Chart
4. Base Option Exhibit
5. Base Option Cross Sections
6. Alternate Option 1 Exhibit
7. Alternate Option 1 Cross Sections
8. Alternate Option 2 Exhibit
9. Alternate Option 2 Cross Sections
10. Alternate Option 3 Exhibit
11. Alternate Option 3 Cross Sections
12. Alternate Option 4 Exhibit
13. Alternate Option 5 Exhibit
14. Summary of Tree Removals
15. Summary of Right-of-Way Impacts

Glade Road
Project Update

April 17, 2017

City Council Worksession

Scope of Worksession

Objective Statement – To provide the City Council with additional information to address questions presented during the January 24, 2017 Worksession

- **Phase 1 Update**
- **Interim Maintenance**
- **Information Requested**
- **Additional Analysis**
  - **Comparison Chart**
  - **Base Option**
  - **Alternate Option 1**
  - **Alternate Option 2**
  - **Alternate Option 3**
  - **Alternate Option 4**
  - **Alternate Option 5**
  - **Alternate Option 6**
- **Updated Cost Estimates**
- **City Council Direction**

Glade Road Phase 1

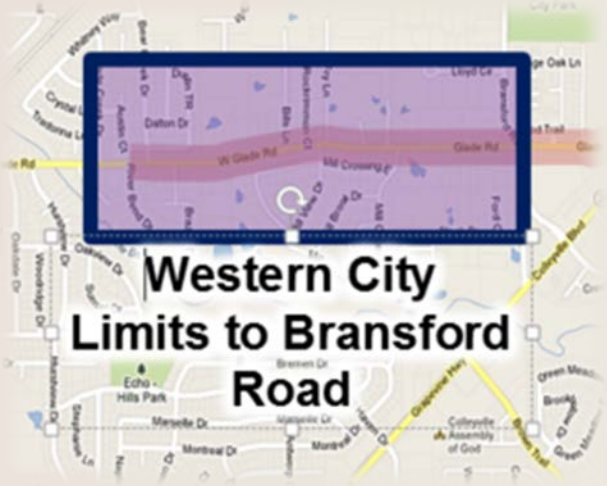
Phase I - Update

Project Information

- In order to start the construction of Glade Road this summer, the decision was made to split Phase 1. The first section "1A" is currently in the final stages of acquiring the right-of-way (ROW) and staff has been coordinating with franchise utilities to get the area cleared for construction.
  - The tentative schedule for "1A" is as follows,
    - **Advertise for bids in May**
    - **Award a contract in June**
    - **Start construction in July**
- The second section "1B" is in the ROW acquisition process and will have significant utility relocations. The construction schedule for "1B" is yet to be determined.

Interim Maintenance

- In order to address the pavement condition and ride quality of the sections of Glade Road that are not slated for reconstruction in the near future, a maintenance project was included in the current year of the Capital Improvement Program.
- The work includes a level-up course in order to address any rutting, and a 2” asphalt overlay which will address the surface condition of the roadway and improve ride quality.
- This will be a short term solution that will provide a better driving surface until such time that the complete reconstruction can be performed.



Completed

Scheduled for Late April 2017

Could be added to the Interim Maintenance Project Scope

Information Requested

During the January 24, 2017 City Council Worksession, City Council identified questions and requested additional information about various options for Phase 2 of Glade Road which required further analysis including:

- A comparison chart that clearly shows information on the options that include, impacted trees, ROW impacts, costs, and a summary of each option's design elements
- Consideration of the combination of the original "Base" project and "Option 3", per the recommendation of the design consultant
- Consideration of a full depth reclamation style reconstruction project with the addition of ribbon curbs for Glade Road - Phase 2
- Consideration of a full depth reclamation style maintenance project for Glade Road - Phase 2
- Updated costs for all Glade Road phases

Additional Analysis

Base Option

- Curb and gutters with turn lanes, trail on the north side and sidewalk on the south

Alternate Option 1

- Ribbon curb with roadside ditches, no turn lanes, sidewalk on the north side from Montclair Street to Pool Road only, and a trail on the south

Alternate Option 2

- Option 1 with the addition of grate inlet along with the roadside ditches (storm drainage)

Alternate Option 3

- Option 2 with the addition of left turn lanes

Alternate Option 4

- A combination oftwo options. The Base Option for Rose to Montclair and Alternate Option 3 for Montclair to Pool Road

Alternate Option 5

- Pavement reclamation with the addition of ribbon curbs and additional grading, limited pedestrian facilities (sidewalk from Behrens Road to Behrens Court, this creates a continuous sidewalk on the south side of Glade Road)

Alternate Option 6

- Pavement reclamation only, no additional pedestrian facilities

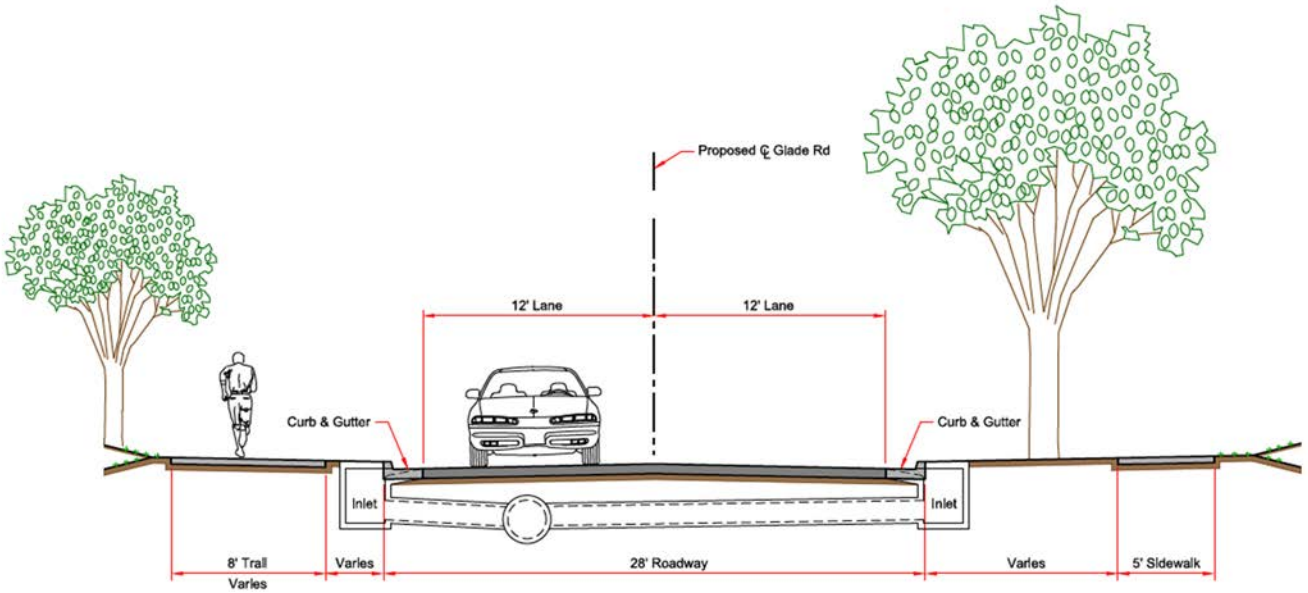
Comparison Chart (Phase 2 Options)

Glade Road Phase 2

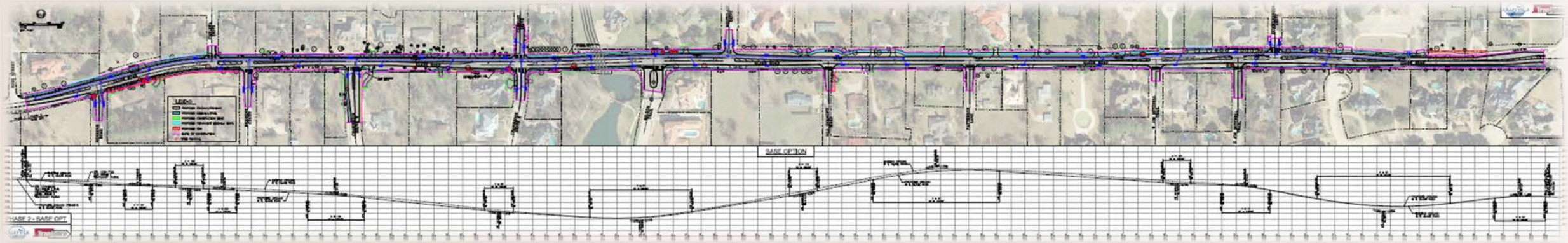
	Tree Romvals		ROW / Easements Needed			Drainage Features			Paving Features			Cost		Summary	
	Trees Removed Less than 6" or in Poor Condition	Trees Removed Greater than 6" or in Fair/Good Condition	ROW Parcels Needed	Permanent Esmts Needed	Temporary Esmts Needed	Ditches Only	Ditches with Storm Drain	Storm Drain Only	Ribbon Curb	Curb & Gutter	Left Turn Lanes	Construction Cost	ROW/Esmt Cost	Summary	Difference from Base Option
Base Option Curb & Gutter 10' Trail on North & 5' Sidewalk on the South	13	36	5	2	18			X		X	X	$4,592,419	$215,740	$4,808,158	$0
Option 1 Pavement Reclamation Roadside Ditches & Driveway Culverts	31	101	19	7	17	X			X			$3,308,733	$478,918	$3,787,652	-$1,020,507
Option 2 Pavement Reclamation Roadside Swales & Grate Inlets	26	36	13	3	13		X		X			$3,220,391	$263,217	$3,483,608	-$1,324,550
Option 3 Option 2 + Left Turn Lanes	32	74	14	3	20		X		X		X	$3,506,508	$280,952	$3,787,460	-$1,020,698
Option 4 Base Option (Rose - Montclair) Option 3 (Montclair - Pool)	18	43	5	4	19		X	X	X	X	X	$4,295,864	$222,153	$4,518,017	-$290,141
Option 5 Pavement Reclamation with Ribbon Curbs Added & Necessary Grading	12	14	4	0	0	X	X		X			$1,995,147	$157,151	$2,152,298	-$2,655,860
Option 6 Pavement Reclamation	0	0	0	0	0	X						$1,344,141	$0	$1,344,141	-$3,464,017

Phase 2 - Base Option

- Concrete curb and gutters
- Underground storm drainage system
- Left turn lanes
- Trail on the north
- Sidewalk on the south

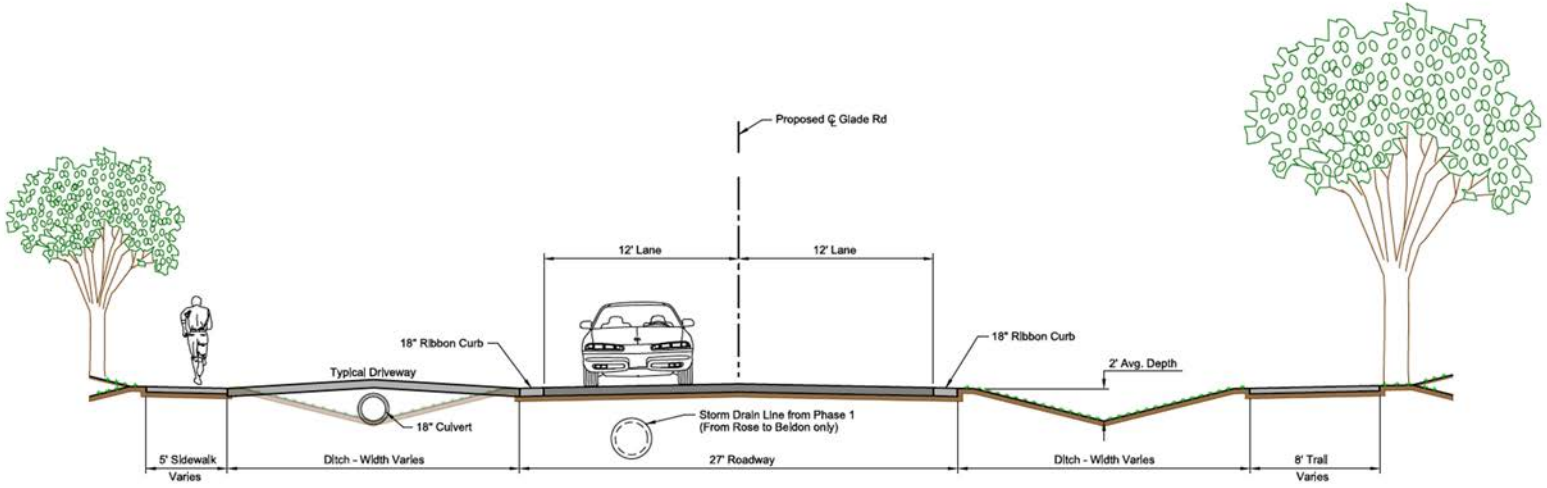


TYPICAL SECTION
GLADE ROAD - BASE OPTION



Phase 2 - Alternate Option 1

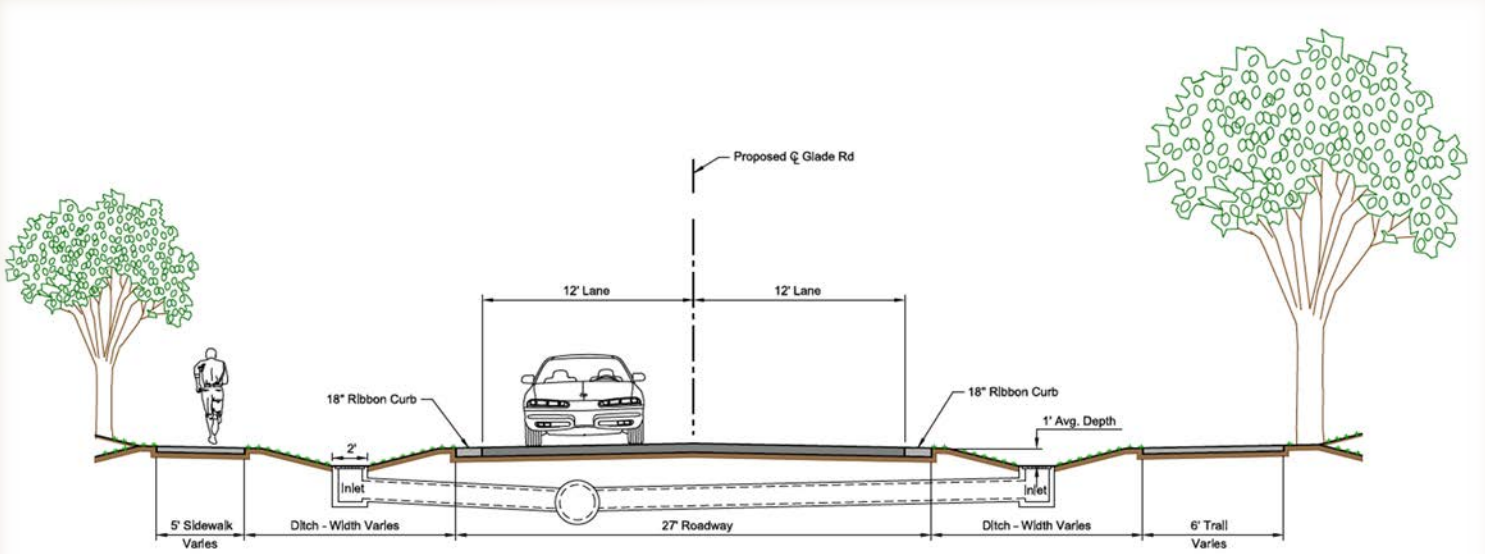
- Ribbon curb
- Reconstruct the roadside ditches
- No turn lanes
- Sidewalk on the north side from Montclair Street to Pool Road only
- Trail on the south



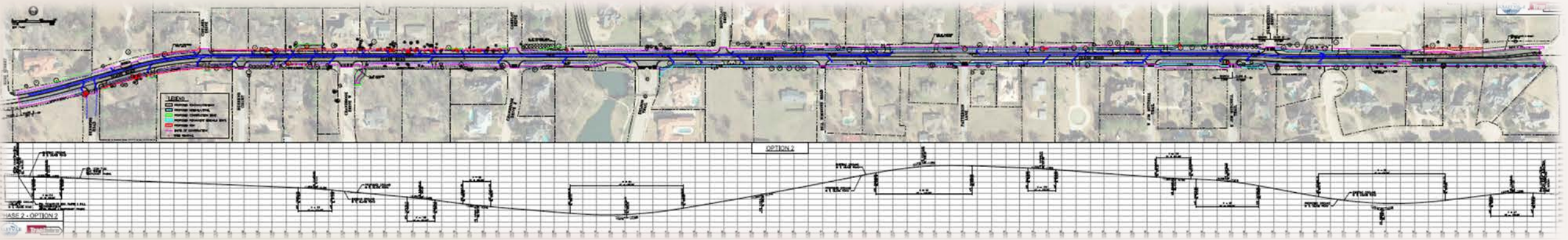
TYPICAL SECTION
GLADE ROAD - OPTION 1

Phase 2 - Alternate Option 2

- Ribbon curb
- ***Drainage swales with grate inlets and underground storm drains***
- No turn lanes
- Sidewalk on the north side from Montclair Street to Pool Road only
- Trail on the south

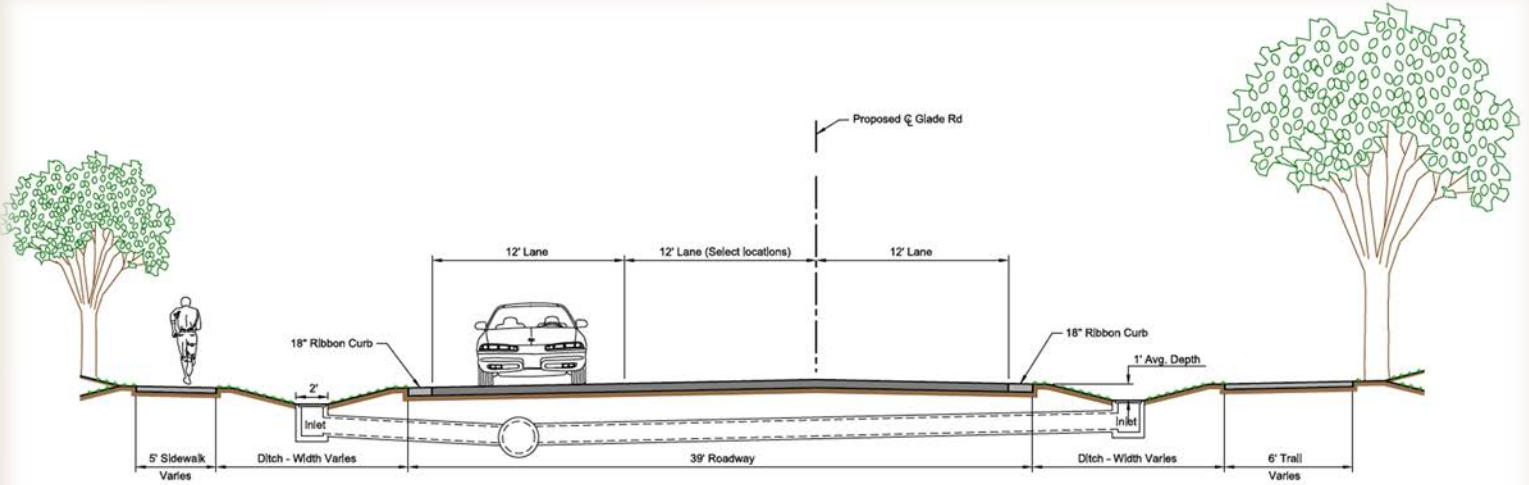


TYPICAL SECTION
GLADE ROAD - OPTION 2

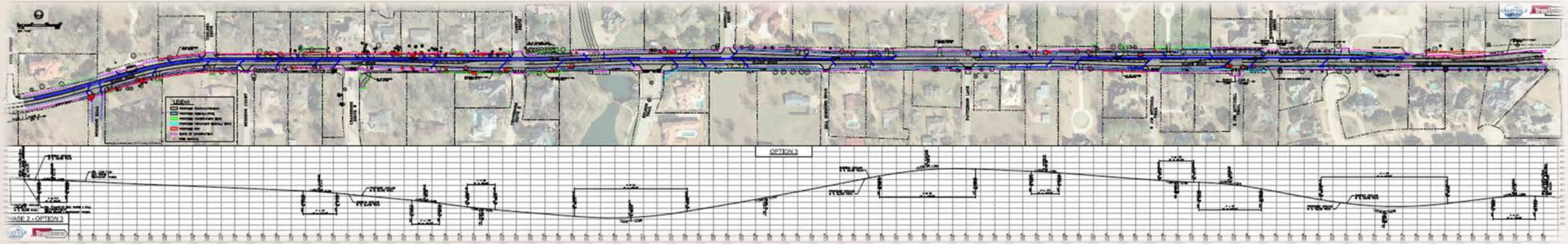


Phase 2 - Alternate Option 3

- Ribbon curb
- Drainage swales with grate inlets and underground storm drains
- ***With*** turn lanes
- Sidewalk on the north side from Montclair Street to Pool Road only
- Trail on the south



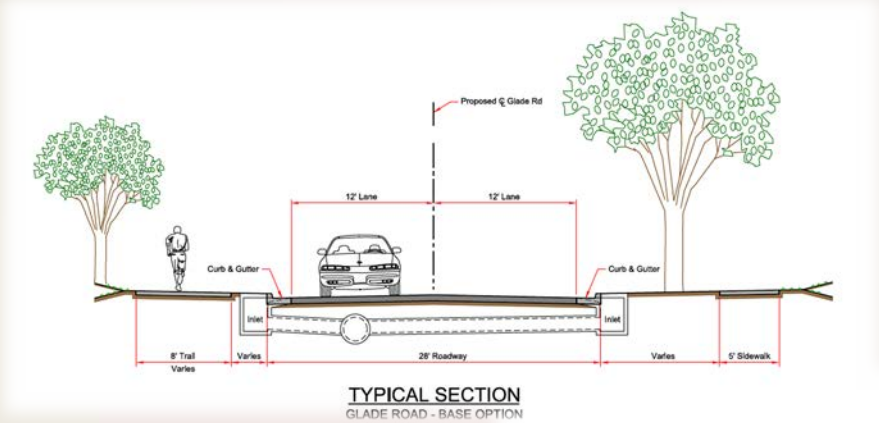
TYPICAL SECTION
GLADE ROAD - OPTION 3

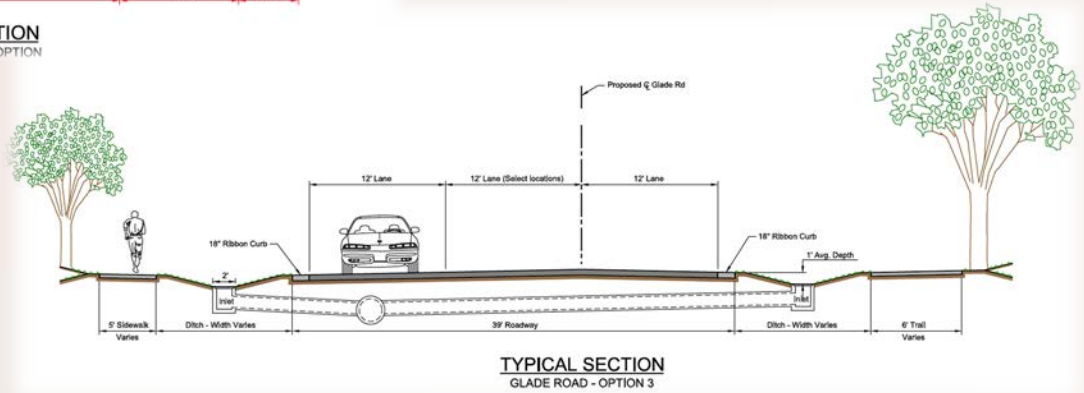


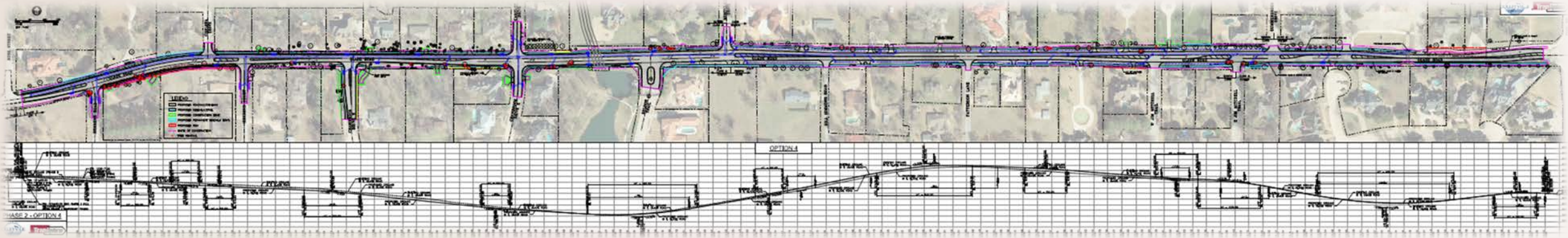
Phase 2 - Alternate Option 4

Combination of two options

- Rose to Montclair
  - Base Option
- Montclair to Pool Road
  - Alternate Option 3

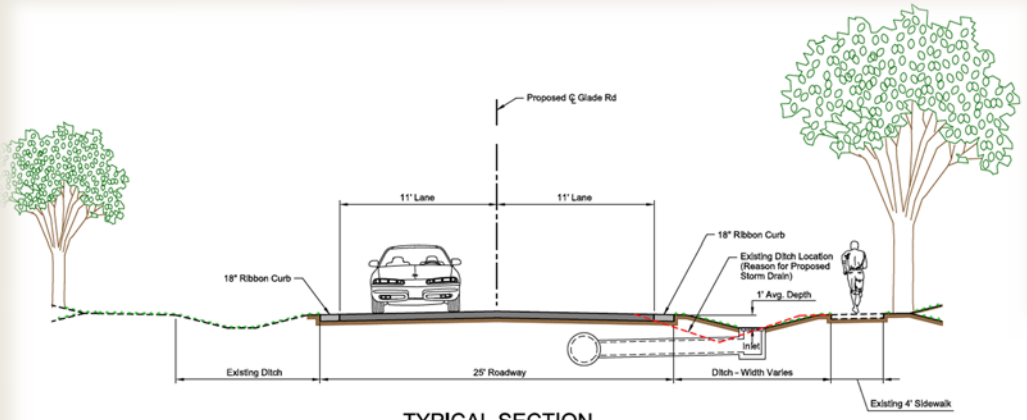




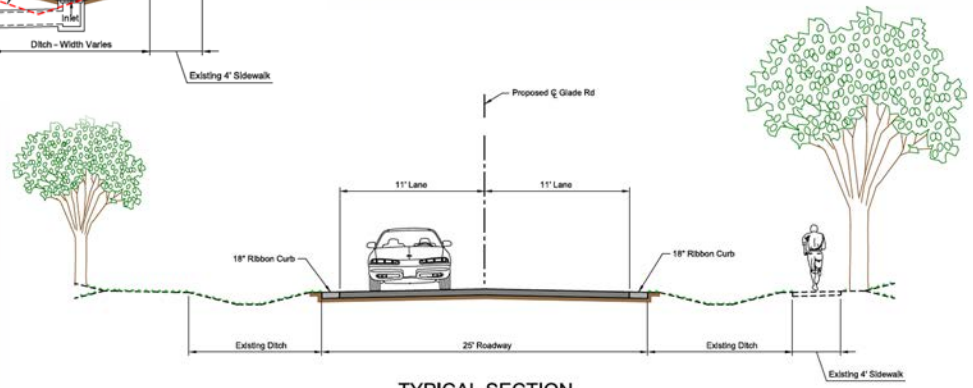


Phase 2 - Alternate Option 5

- Pavement Reclamation
- Ribbon curb
- Maintain the roadside ditches
- No turn lanes
- Limited pedestrian facilities (sidewalk from Behrens Road to Behrens Court, this creates a continuous sidewalk on the south side of Glade Road)



TYPICAL SECTION
GLADE ROAD - OPTION 5
(ROSE TO PATTERSON)



TYPICAL SECTION
GLADE ROAD - OPTION 5
(PATTERSON TO POOL)

Phase 2 - Alternate Option 6

- Pavement reclamation/New pavement
- Maintain the current roadway configuration
- Maintain the current roadside ditches
- No turn lanes
- No additional pedestrian facilities

Updated Cost Estimates

Glade Road Project Construction cost estimates

Phase “1 – A”	**$1,091,579**
Phase “1 – B”	**$3,281,878**
Phase 2	**$1,344,141 to $4,808,158**
Phase 3	**$3,782,545**
Phase 4	**$4,250,758**
Total =	**$13,750,901 to $17,214,918**

City Council Direction

Staff is seeking City Council direction on the following:

- Clarification of City Council preference for the design elements of Glade Road Phase 2
- Guidance as to whether or not to expand the current scope of the Interim Maintenance Project Scope to include Phase “1 – B”

Questions and Discussion

Glade Road
Project Update

January 24, 2017
City Council Worksession

Scope of Worksession

Objective Statement – To provide the City Council with an update on the status of the Glade Road Project with a focus on addressing questions and requests for additional information presented during the August 24, 2016 worksession

- **Phasing Overview**
- **Current CIP Project Schedules**
- **Interim Maintenance**
- **Information Requested**
- **Phase 2 – Base Option**
- **Phase 2 – Base Option 1**
- **Phase 2 – Base Option 2**
- **Phase 2 – Base Option 3**
- **City Council Direction**

Phases of Glade Road Corridor

Current Project Schedules

Currently Underway

- Design of Glade Road Phase 2 (Manning Drive to Pool Road)
- Design of Glade Road Phase 3 (Pool Road to Heritage Avenue)
- Design of Glade Road Phase 4 (Western City Limits to Bransford Road)

Funding Currently Allocated

- Construction of Glade Road Phase 1 (Bransford Road to Manning Drive)
- ROW Acquisition for Glade Road Phase 2 (Manning Drive to Pool Road)
- ROW Acquisition for Glade Road Phase 3 (Pool Road to Heritage Avenue)

In the Current 5-Year CIP in FY 2018

- Construction of Glade Road Phase 2 (Manning Drive to Pool Road)

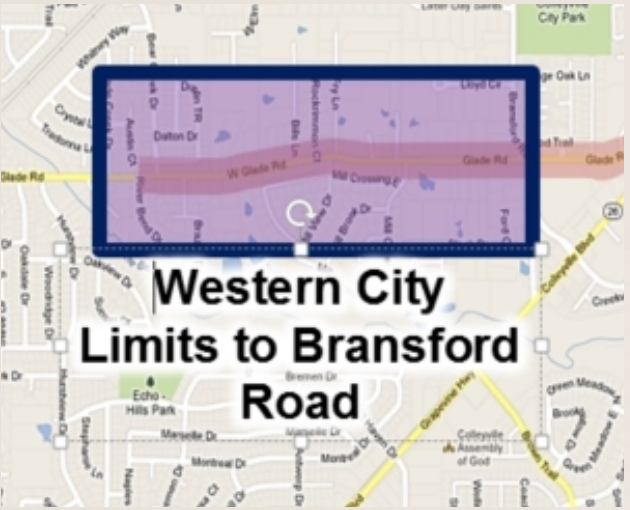
In the Current 5-Year CIP in FY 2019

- Construction of Glade Road Phase 3 (Pool Road to Heritage Avenue)

Not included in the current 5 year CIP

- ROW Acquisition for Glade Road Phase 4 (Western City Limits to Bransford Road)
- Construction of Glade Road Phase 4 (Western City Limits to Bransford Road)

Interim Maintenance



Funding

- Project budget: $142,000
- Funding source
  - Capital Projects Fund

Funding

- Project budget: $198,000
- Funding source
  - Capital Projects Fund

Project Information

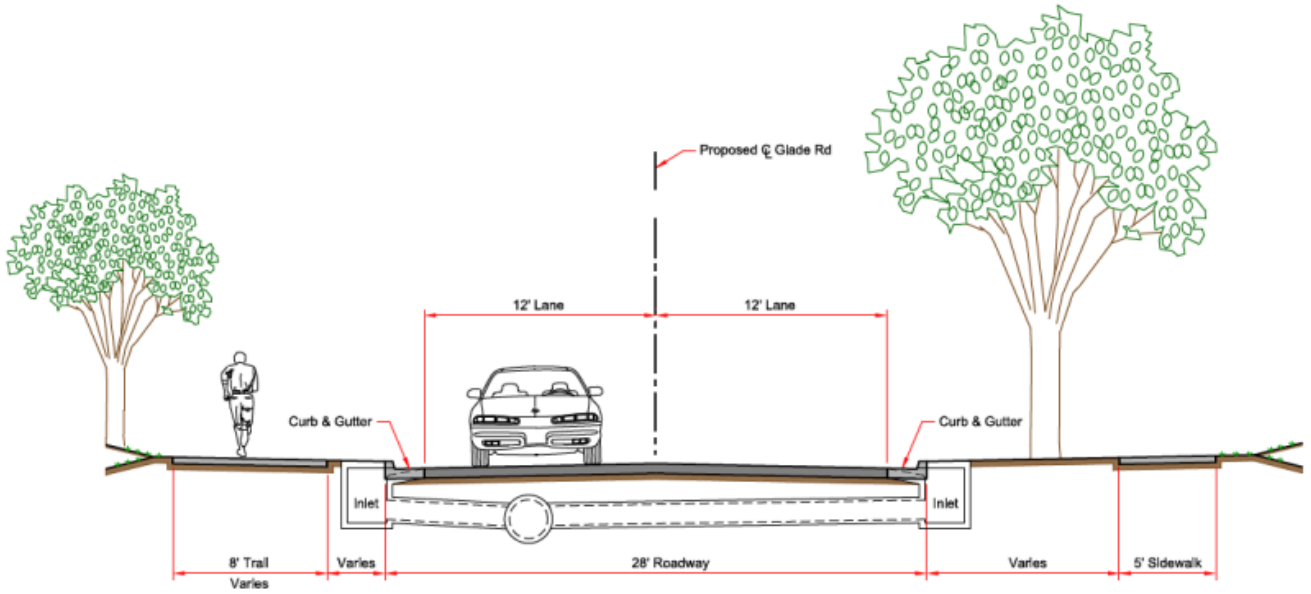
- In order to address the pavement condition and ride quality of the sections of Glade Road that are not slated for reconstruction in the near future, a maintenance project was included in the current year of the Capital Improvement Program. The work will include a level-up course in order to address any rutting, and a 2” asphalt overlay which will address the surface condition of the roadway and improve ride quality. This will be a short term solution that will provide a better driving surface until such time the complete reconstruction can be performed. ***Staff is working with the asphalt contractor to finalize the schedule and with City Council concurrence staff will work to get this work completed as soon as possible.***

Information Requested

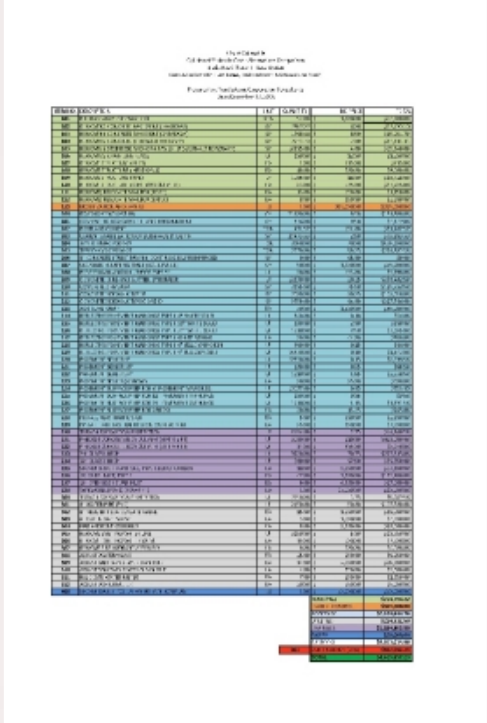
During the August 24, 2016 City Council worksession, staff presented an update on the Glade Road Project and during the discussion at the worksession, City Council identified questions and had requests for additional information about various options for Phase 2 of Glade Road which required further analysis including:

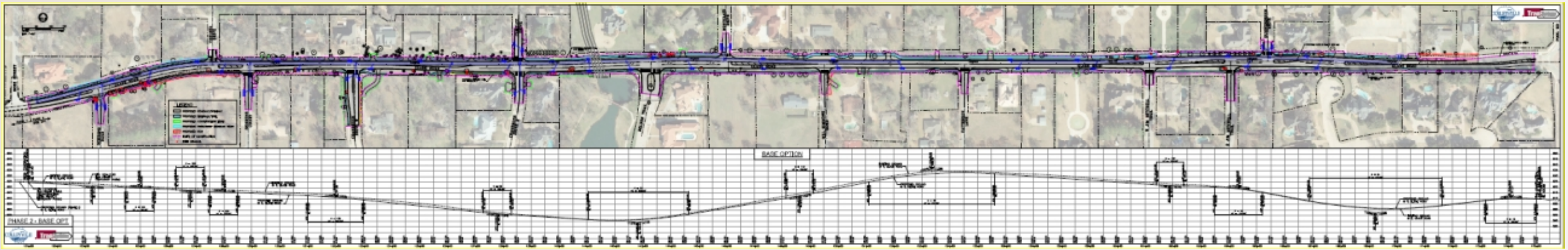
- **Base Option -** Curb and gutters with turn lanes, trail on the north side and sidewalk on the south
- **Option 1 - Ribbon curb with roadside ditches**, sidewalk/trail on the south side, sidewalk on the north side from Montclair to Pool Road, and no turn lanes
- **Option 2 -** Ribbon curbs with roadside ditches **and inlets**, sidewalk/trail on the south side, sidewalk on the north from Montclair to Pool Road, and no turn lanes
- **Option 3 -** Ribbon curbs with roadside ditches and inlets, sidewalk/trail on the south side, sidewalk on the north from Montclair to Pool Road, **and turn lanes**

Phase 2 - Base Option

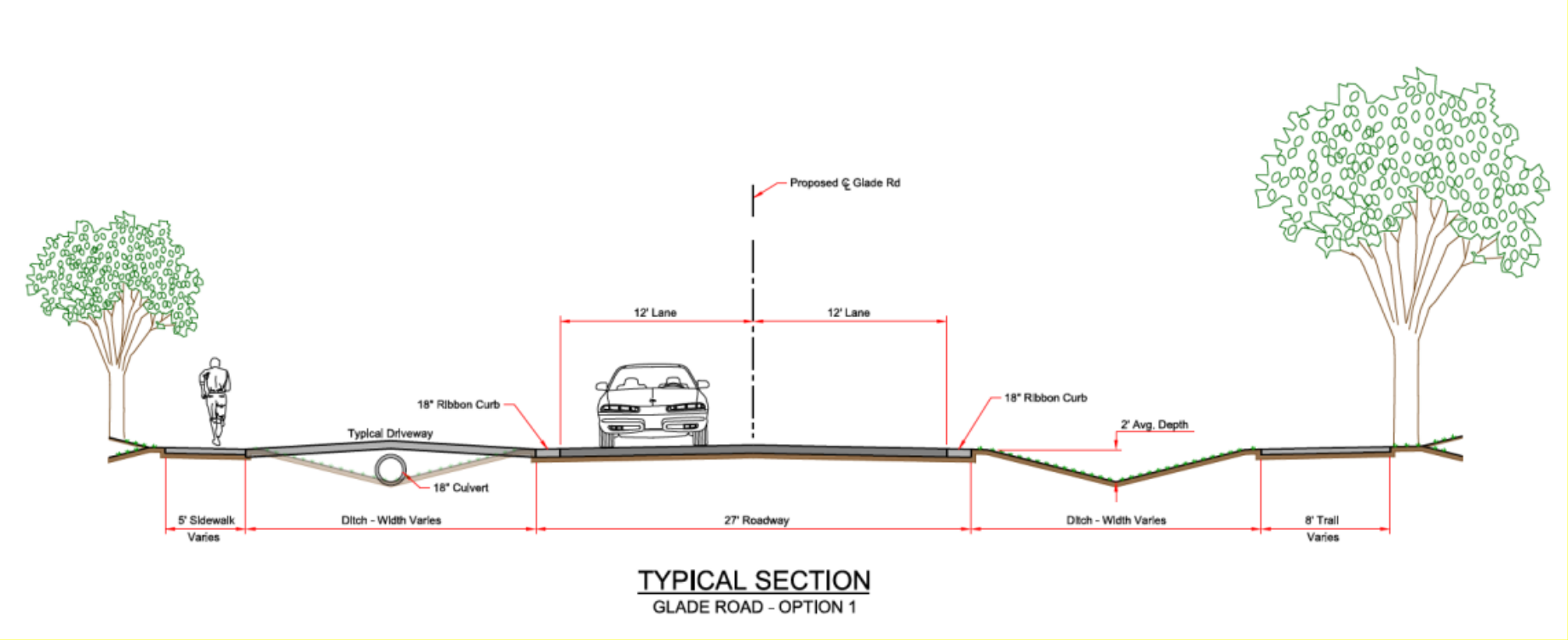


TYPICAL SECTION
GLADE ROAD - BASE OPTION

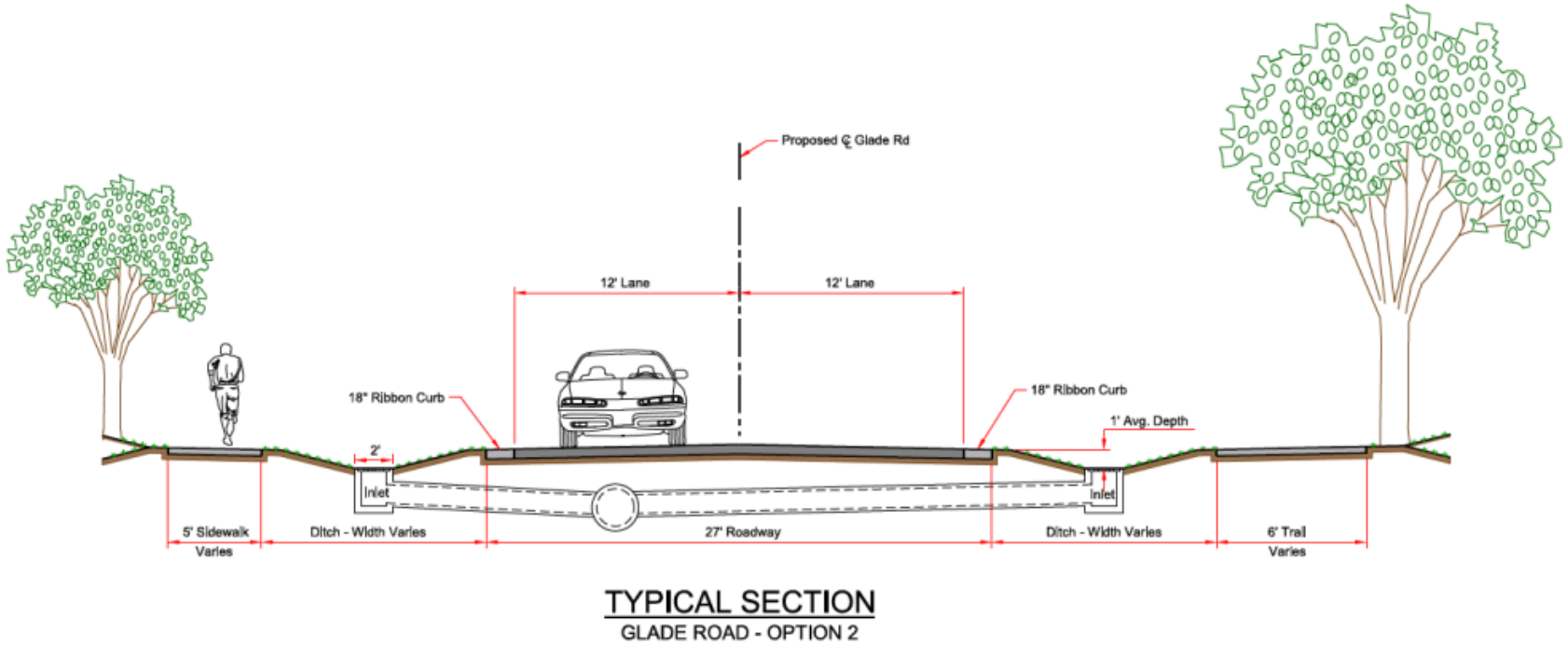




Phase 2 - Option 1

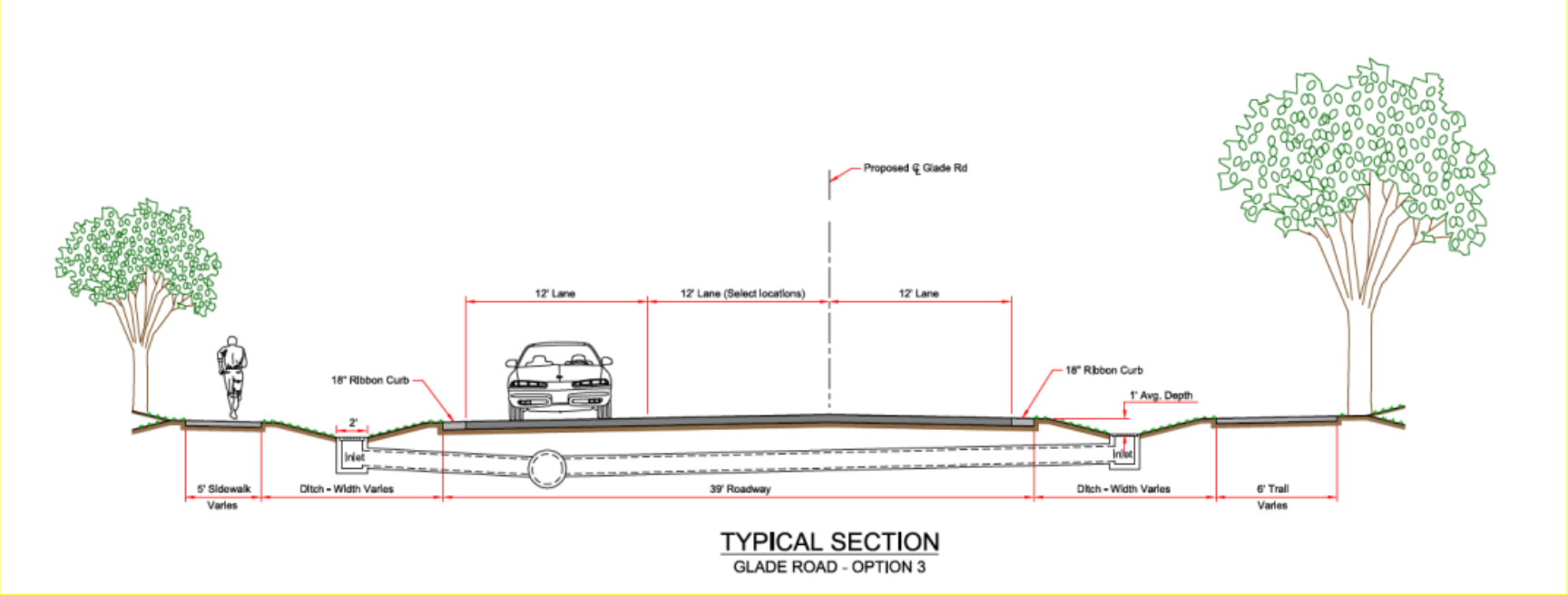


Phase 2 - Option 2



TYPICAL SECTION
GLADE ROAD - OPTION 2

Phase 2 - Option 3



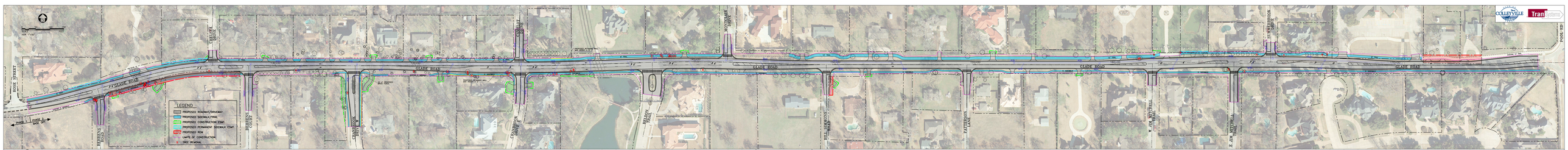
City Council Direction

Staff is seeking City Council direction on the following:

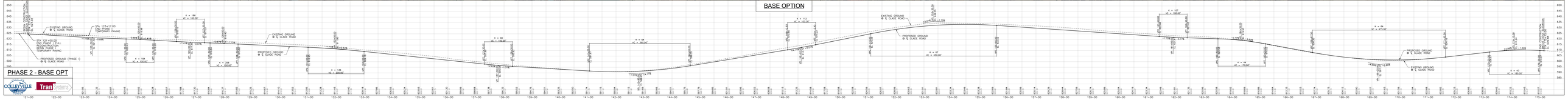
- Concurrence with the execution of the interim maintenance of Glade Road from the Western City Limits to Bransford Road and Stafford Drive to Jim Mitchell Trail
- Clarification of the City Council's preference for the design elements of Glade Road Phase 2

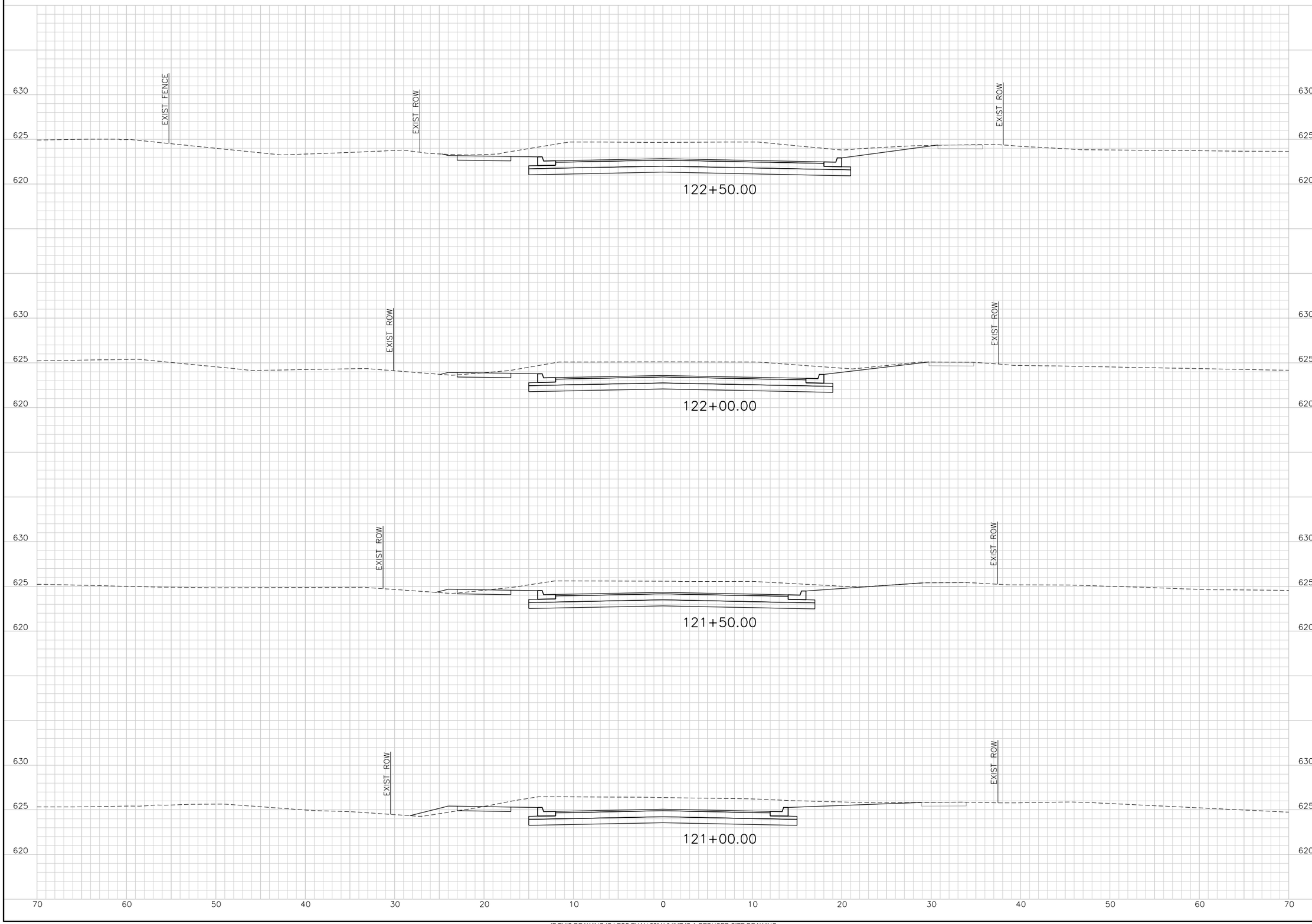
Questions and Discussion

	Tree Romvals		ROW / Easements Needed			Drainage Features			Paving Features			Cost		Summary	
	Trees Removed Less than 6" or in Poor Condition	Trees Removed Greater than 6" or in Fair/Good Condition	ROW Parcels Needed	Permanent Esmts Needed	Temporary Esmts Needed	Ditches Only	Ditches with Storm Drain	Storm Drain Only	Ribbon Curb	Curb & Gutter	Left Turn Lanes	Construction Cost	ROW/Esmt Cost	Summary	Difference from Base Option
Base Option Curb & Gutter 10' Trail on North & 5' Sidewalk on the South	13	36	5	2	18			X		X	X	$4,592,419	$215,740	$4,808,158	$0
Option 1 Pavement Reclamation Roadside Ditches & Driveway Culverts	31	101	19	7	17	X			X			$3,308,733	$478,918	$3,787,652	-$1,020,507
Option 2 Pavement Reclamation Roadside Swales & Grate Inlets	26	36	13	3	13		X		X			$3,220,391	$263,217	$3,483,608	-$1,324,550
Option 3 Option 2 + Left Turn Lanes	32	74	14	3	20		X		X		X	$3,506,508	$280,952	$3,787,460	-$1,020,698
Option 4 Base Option (Rose - Montclair) Option 3 (Montclair - Pool)	18	43	5	4	19		X	X	X	X	X	$4,295,864	$222,153	$4,518,017	-$290,141
Option 5 Pavement Reclamation with Ribbon Curbs Added & Necessary Grading	12	14	4	0	0	X	X		X			$1,995,147	$157,151	$2,152,298	-$2,655,860
Option 6 Pavement Reclamation	0	0	0	0	0	X						$1,344,141	$0	$1,344,141	-$3,464,017


GLADE ROAD
ROSE STREET
HEIRLOOM DRIVE
HEIRLOOM COURT
CHAMBERLAIN DRIVE
CHAMBERLAIN COURT
BRIDGE VALLEY
MOUNTAINSIDE DRIVE
HILL SUMMIT ROAD
EATTERSON DRIVE
W. JIM MITCHELL TRAIL
E. JIM MITCHELL TRAIL
NATHAN DRIVE
POOR IDEA
LEGEND
PROPOSED ROADWAY/DRIVEWAY
PROPOSED SIDEWALK/TRAIL
PROPOSED CONSTRUCTION ESMT.
PROPOSED PERMANENT SIDEWALK ESMT.
PROPOSED ROW
LIMITS OF CONSTRUCTION
TREE REMOVAL

BASE OPTION


PHASE 2 - BASE OPT
EXISTING GROUND @ ℄ GLADE ROAD
PROPOSED GROUND @ ℄ GLADE ROAD
STA 121+00.00 END PHASE 1 RECONSTRUCTION BEGIN PHASE 2 TEMPORARY PAVING
STA 123+17.00 END PHASE 2 TEMPORARY PAVING
PROPOSED GROUND (PHASE 1) @ ℄ GLADE ROAD
TEMP. CONSTRUCTION EASEMENT
PERM. CONSTRUCTION EASEMENT



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PHONE: 817-339-8950
FAX: 817-335-2247

CONSULTANTS:

GLADE ROAD PROJECT
PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

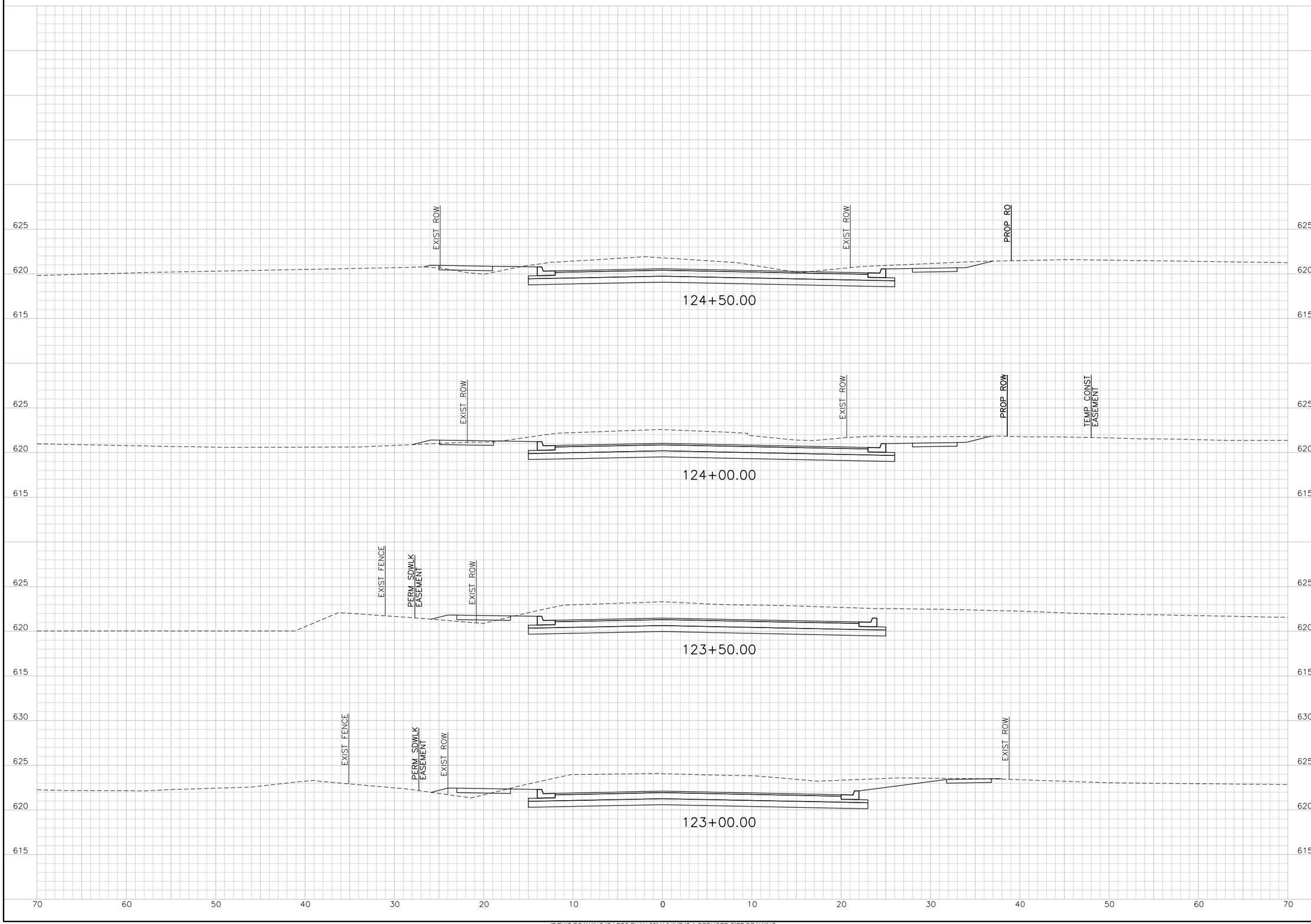
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-1



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COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

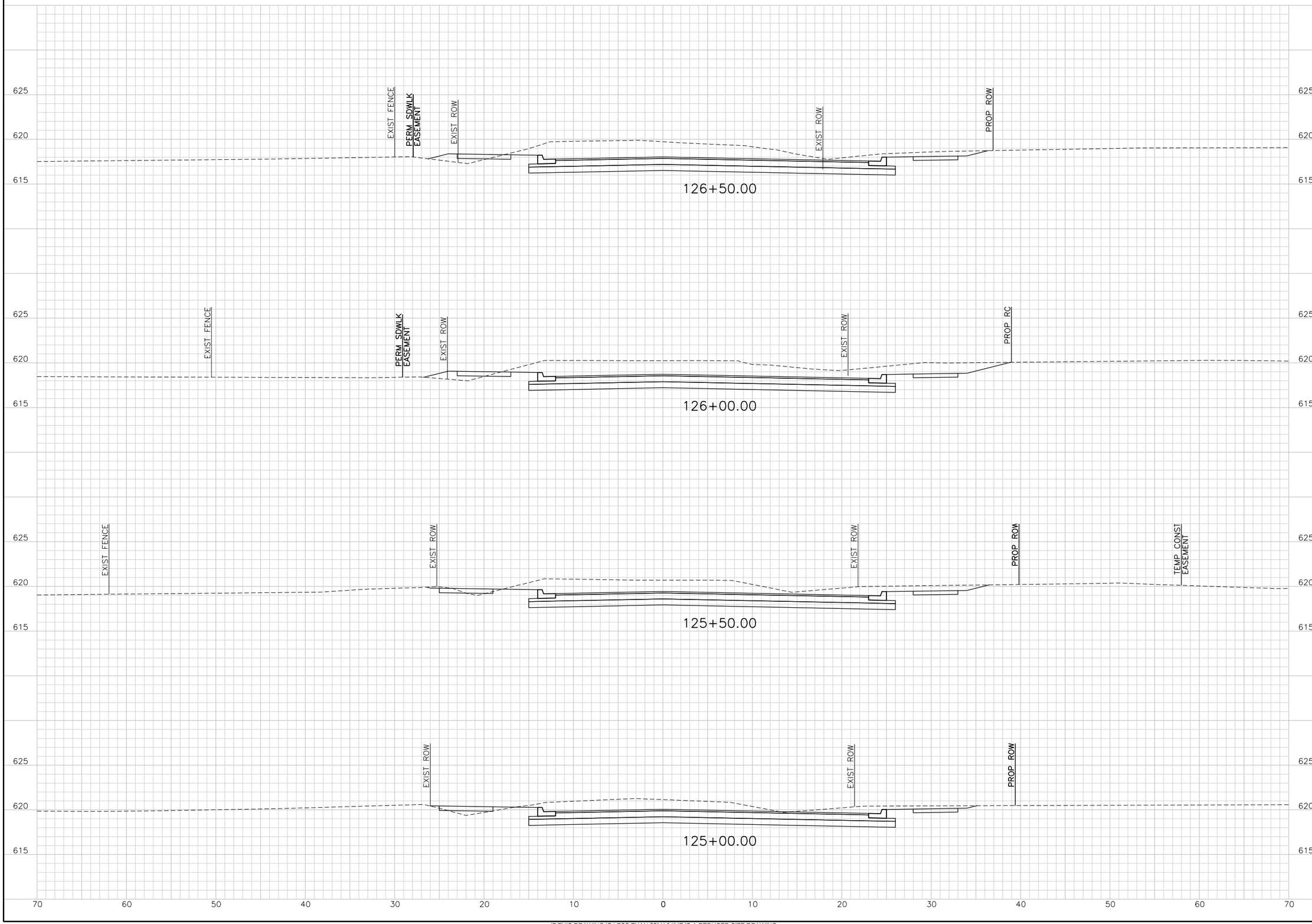
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-2



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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-3

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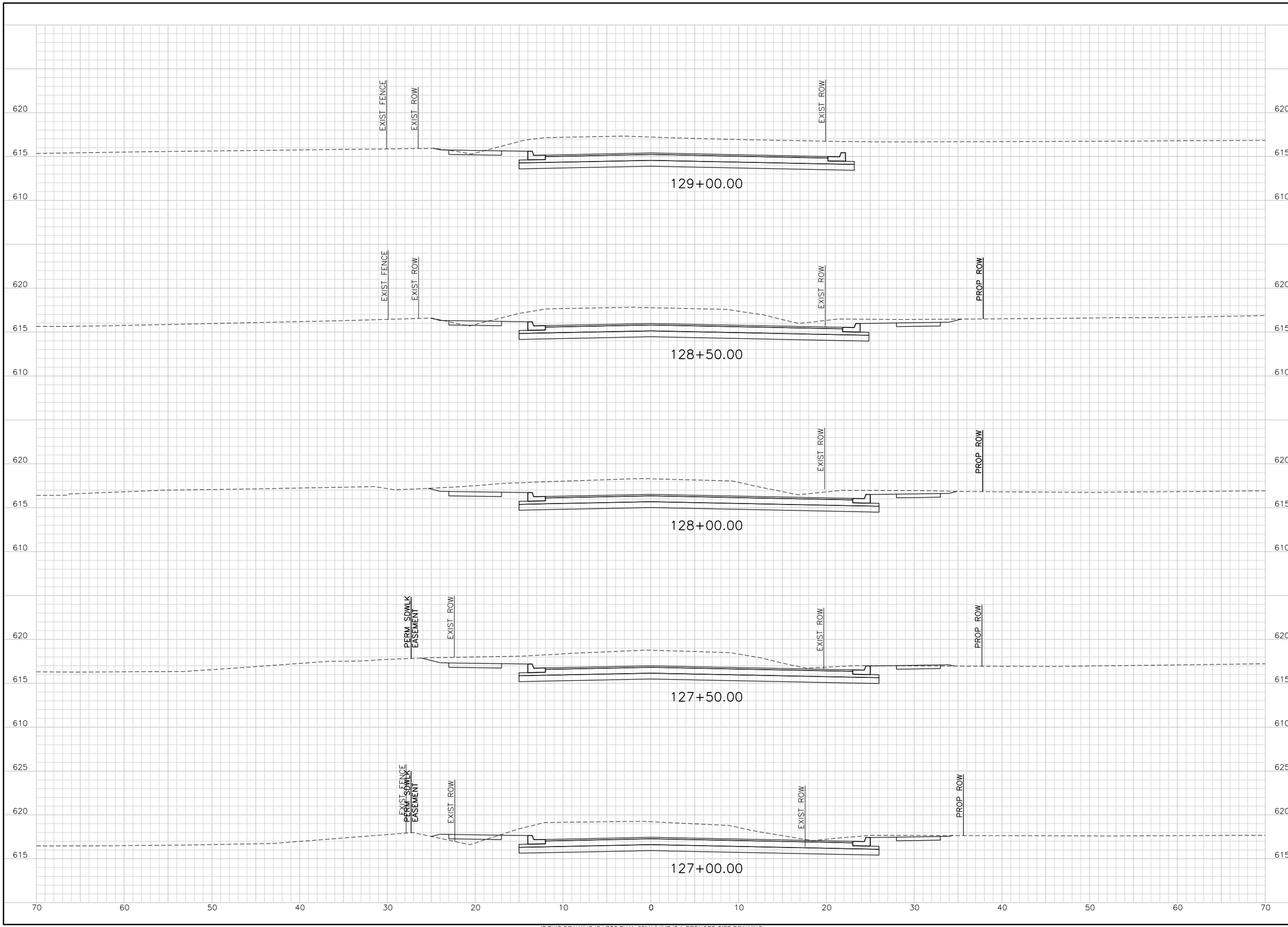
IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-4

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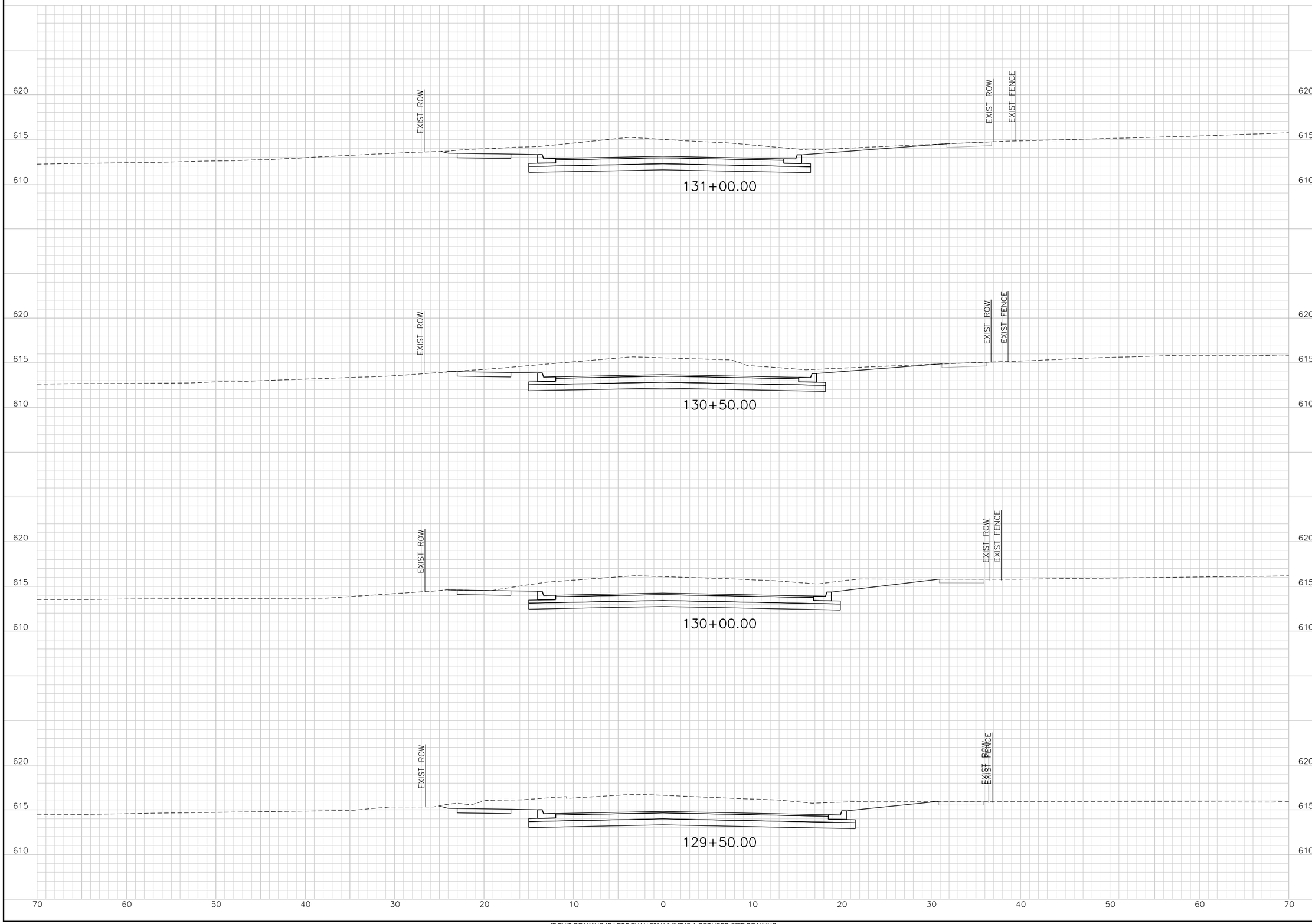
IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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CITY OF COLLEYVILLE TEXAS

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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-5

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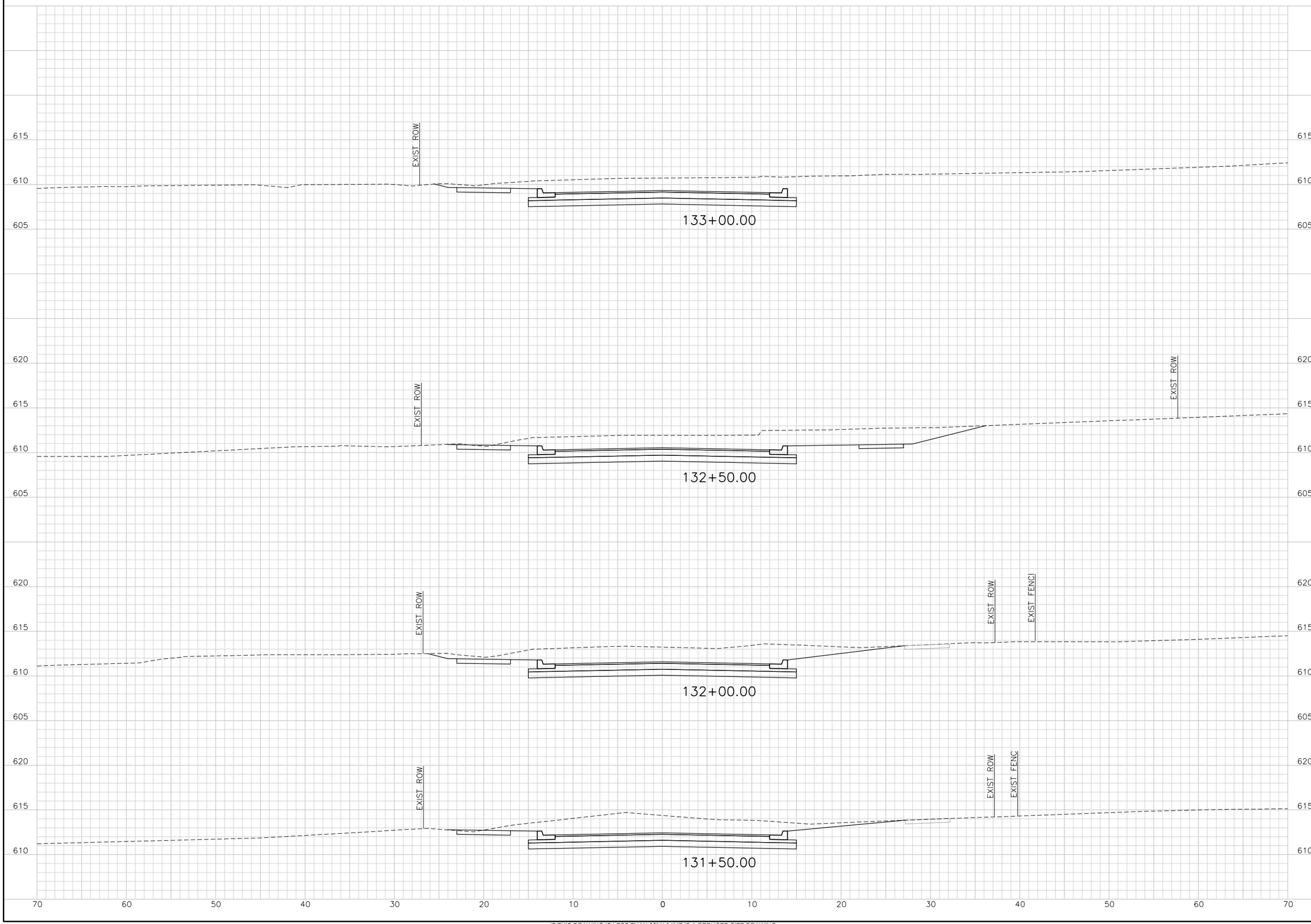

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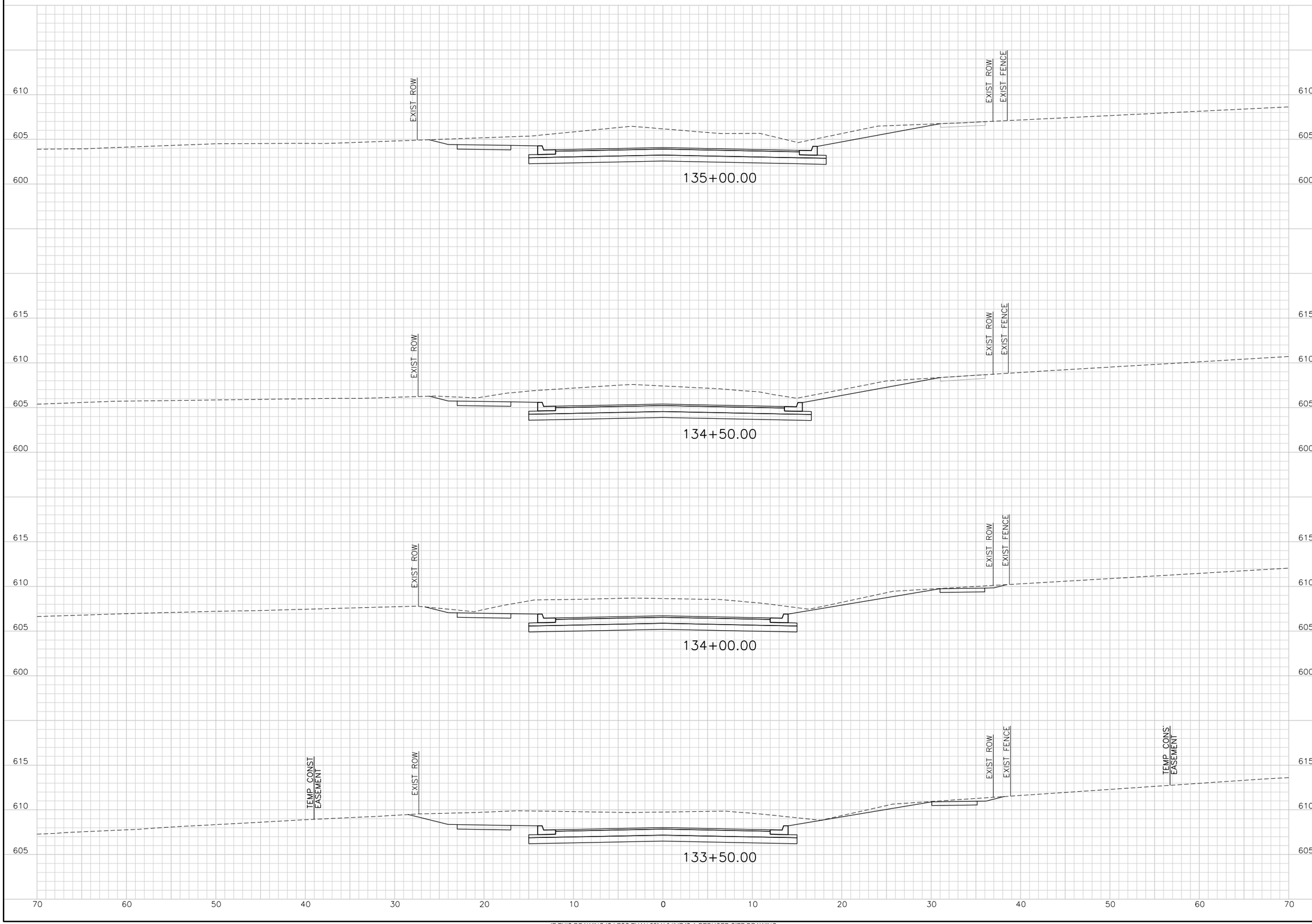
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-6



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REVISIONS:

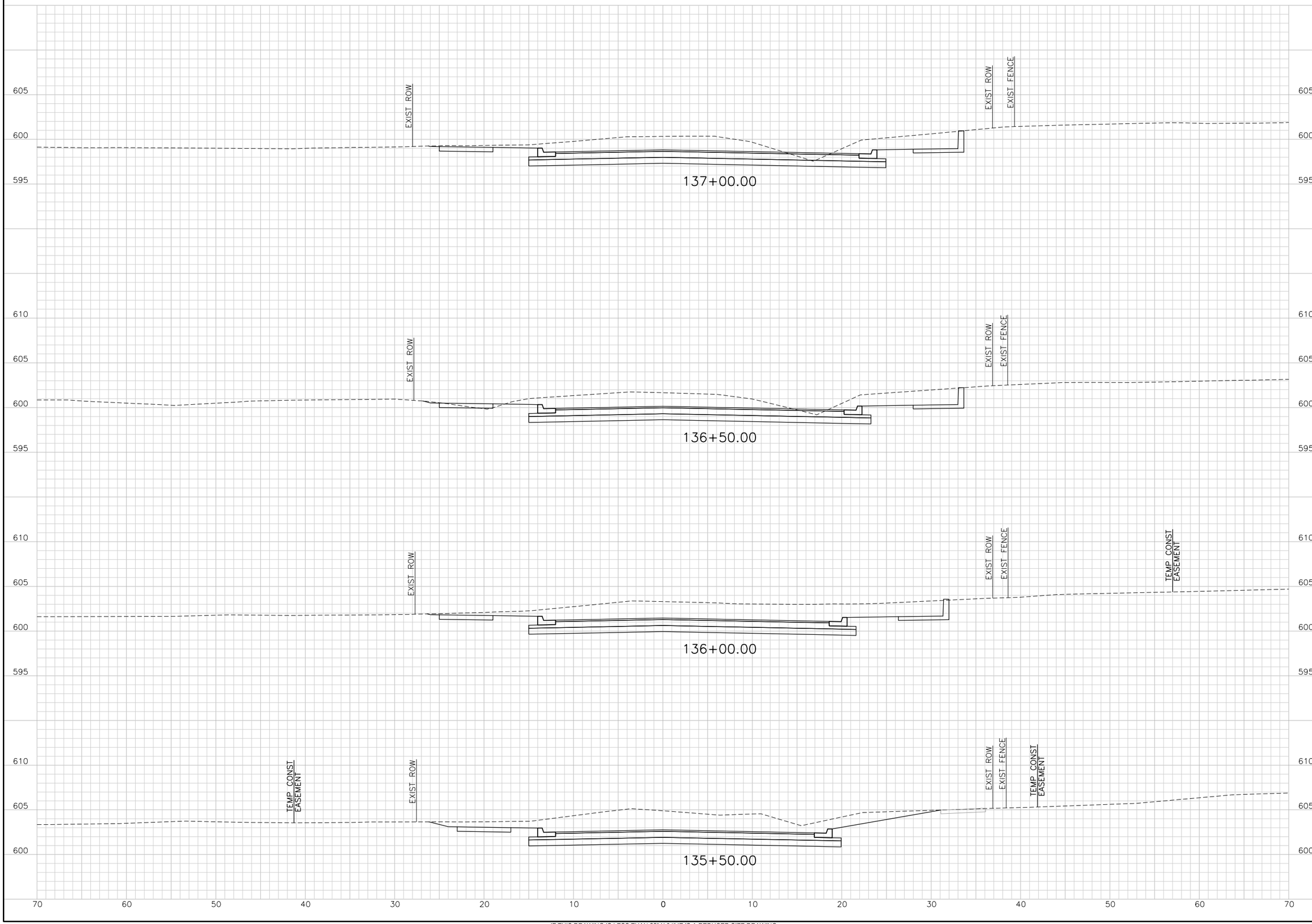
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-7



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-8

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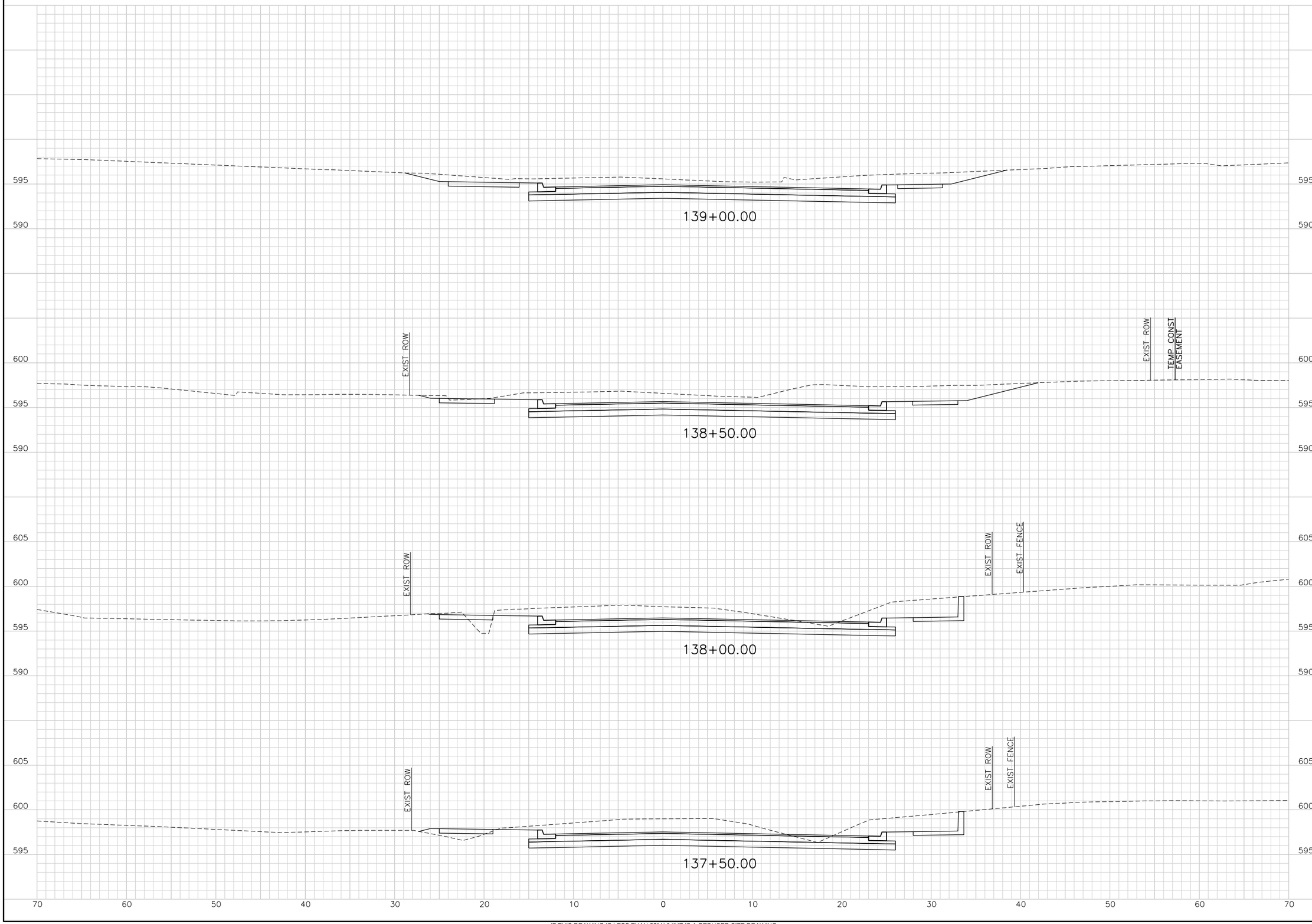

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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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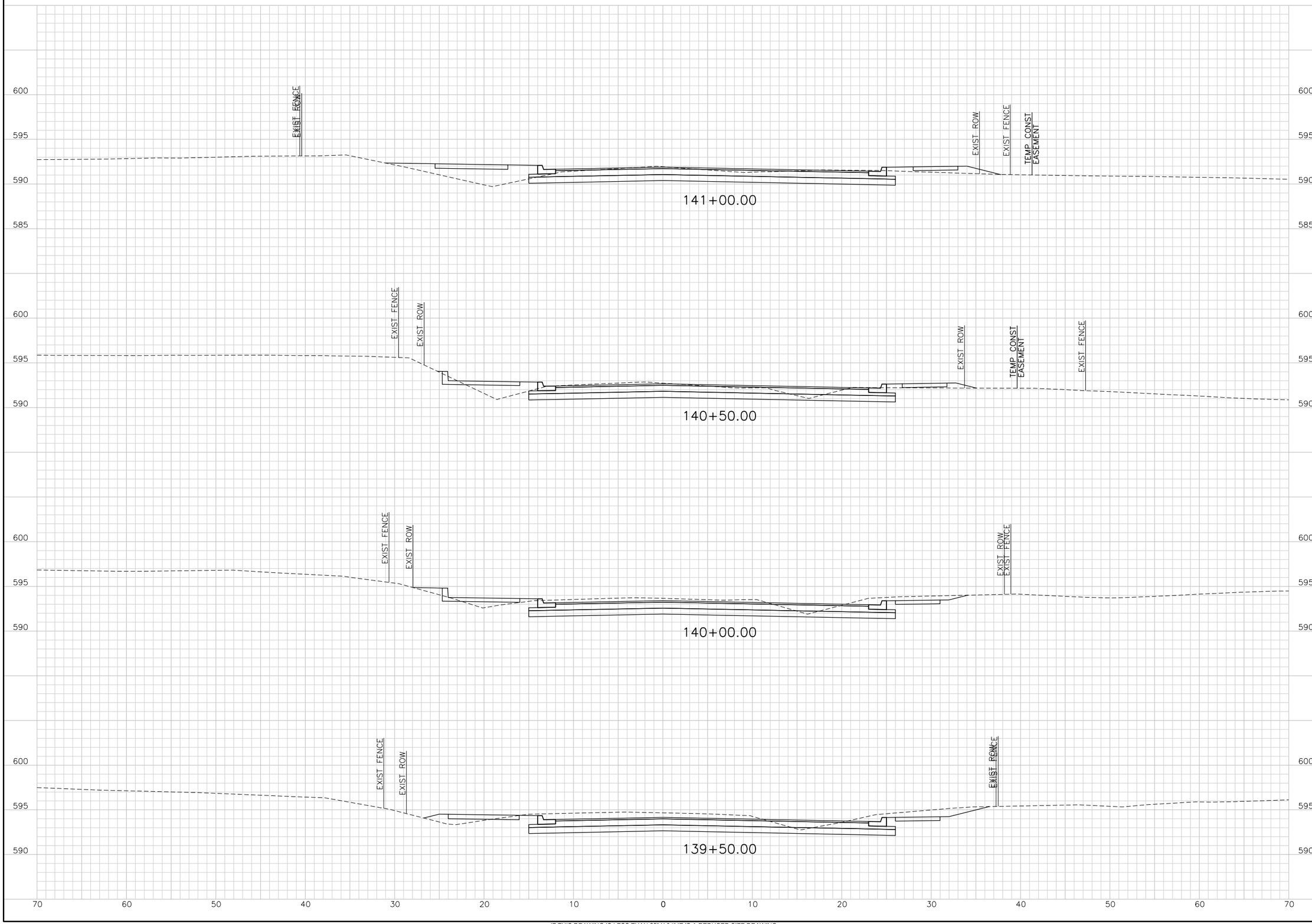
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-9



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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
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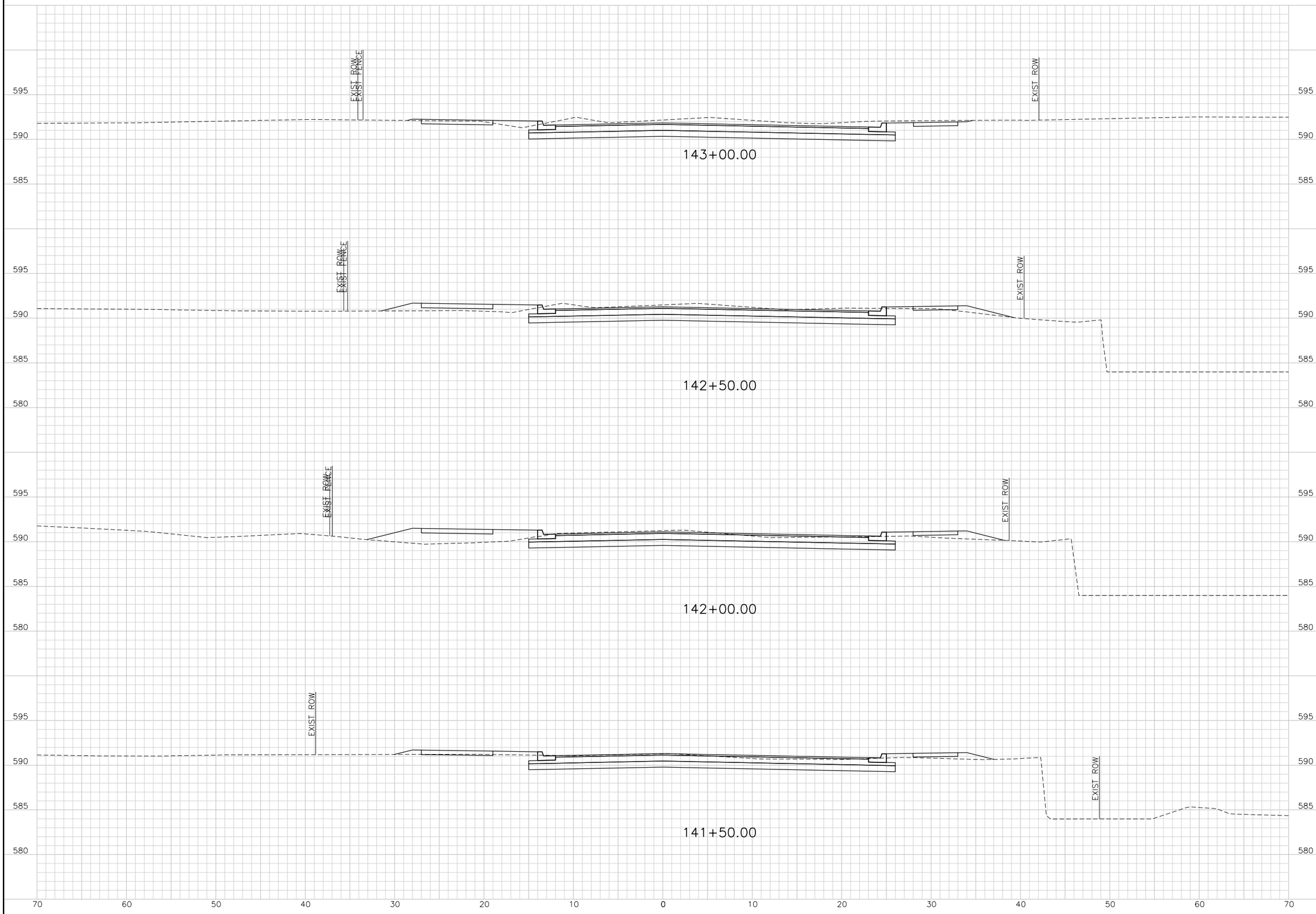
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-10



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$DATE$ - $TIME$ - $FILE$

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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
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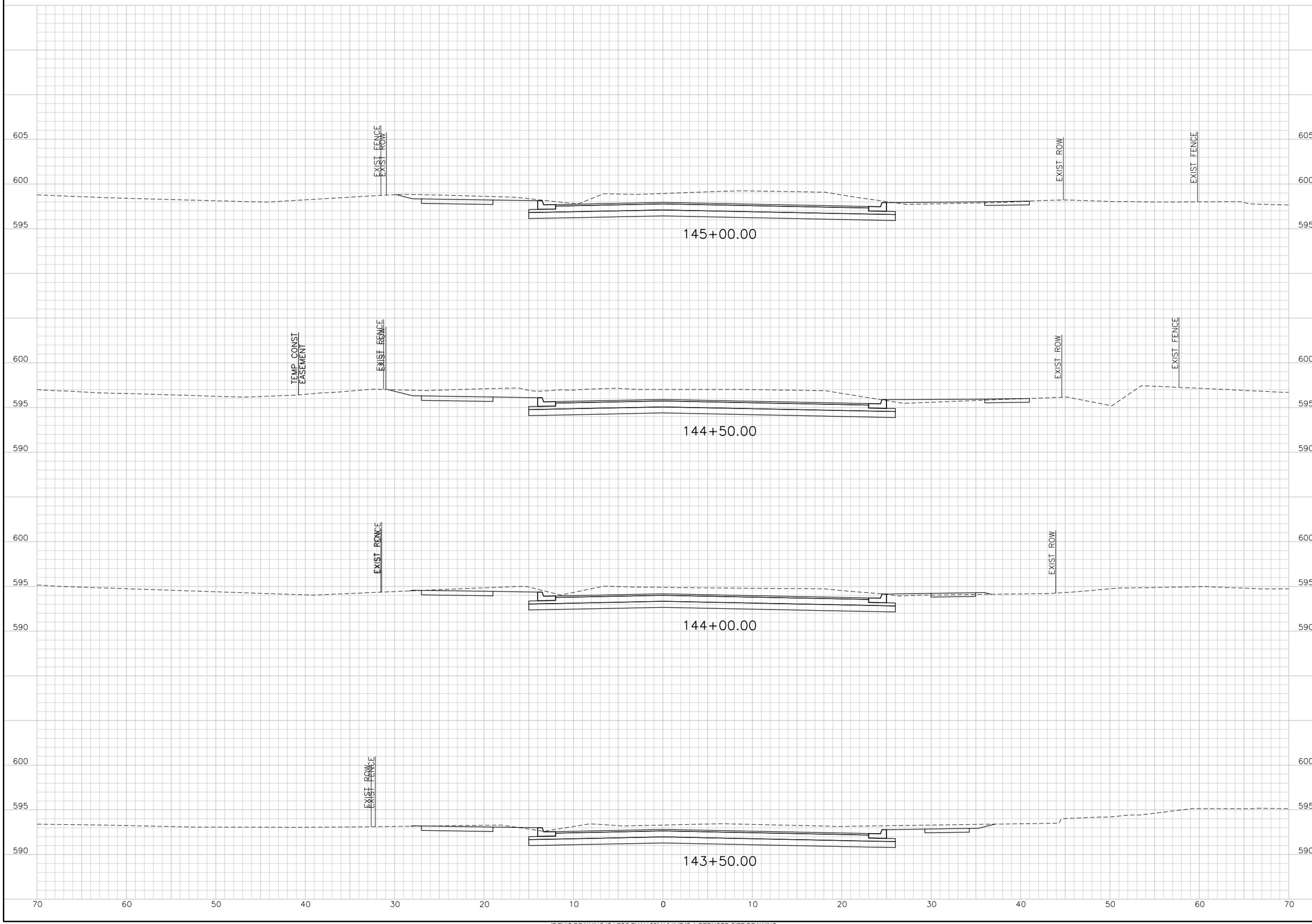

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PHASE I
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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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DRAWN BY: KAB
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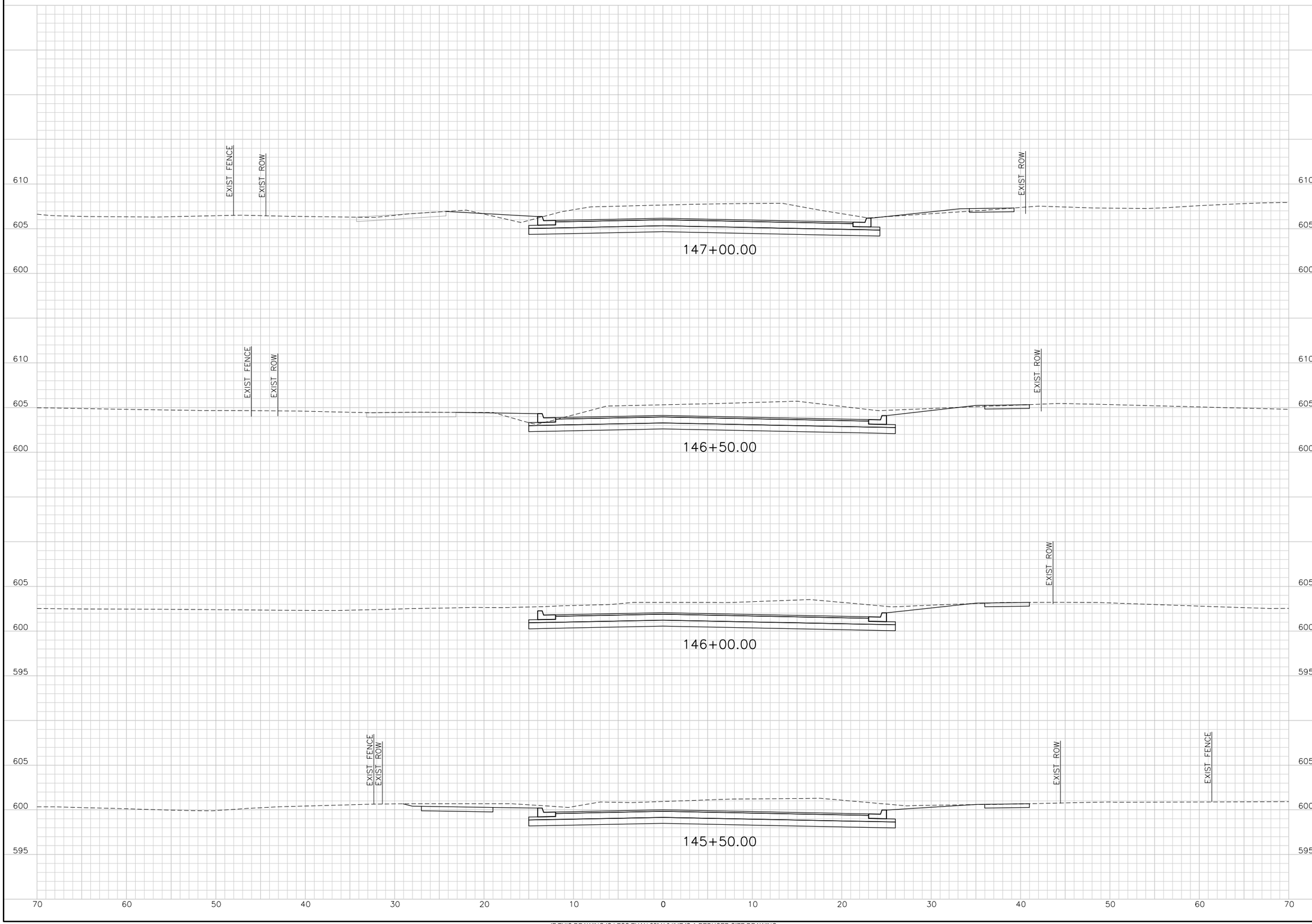
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-12



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
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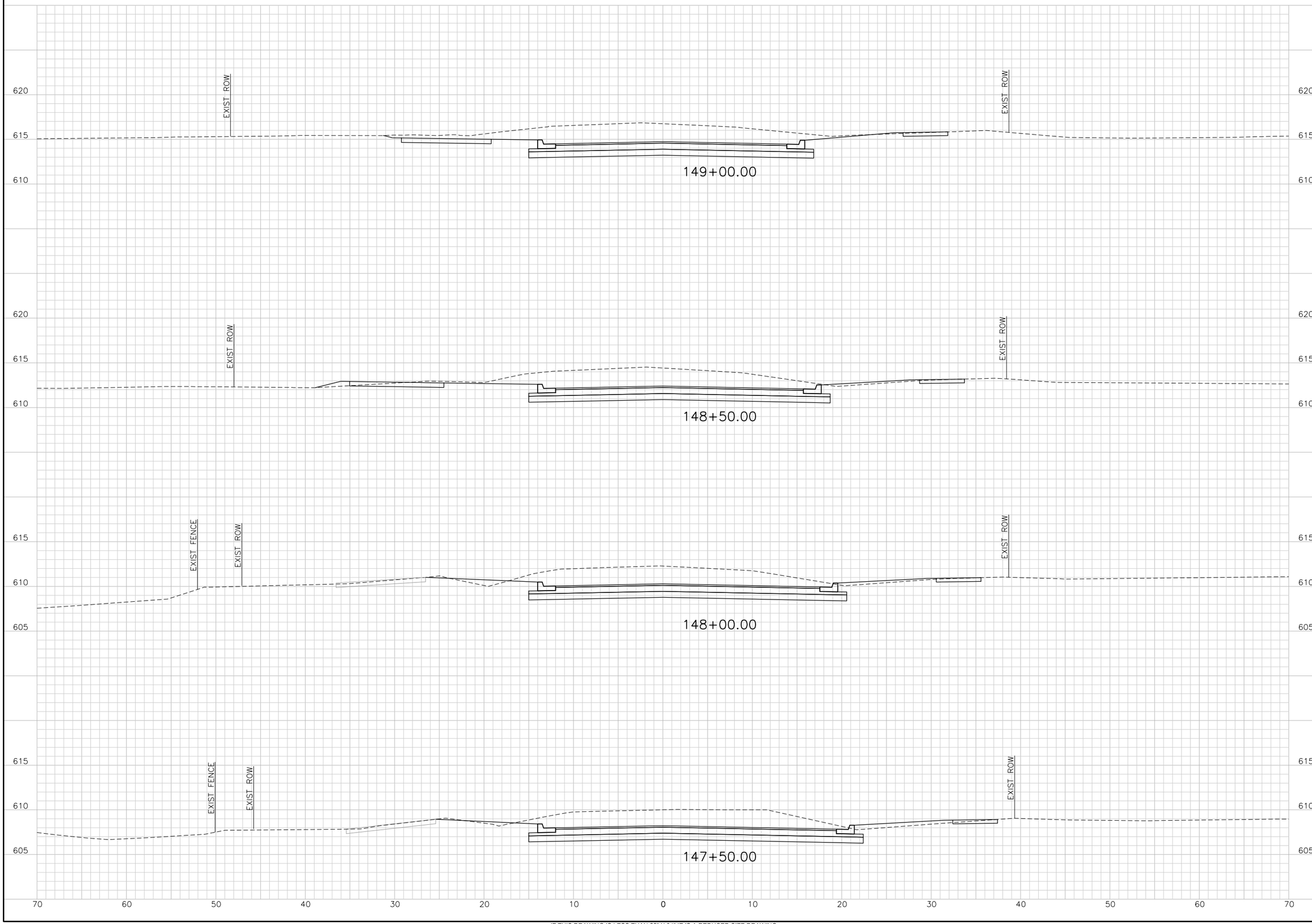

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$DATE$ - $TIME$ - $FILE$

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MARK	DATE	DESCRIPTION

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SHEET TITLE:

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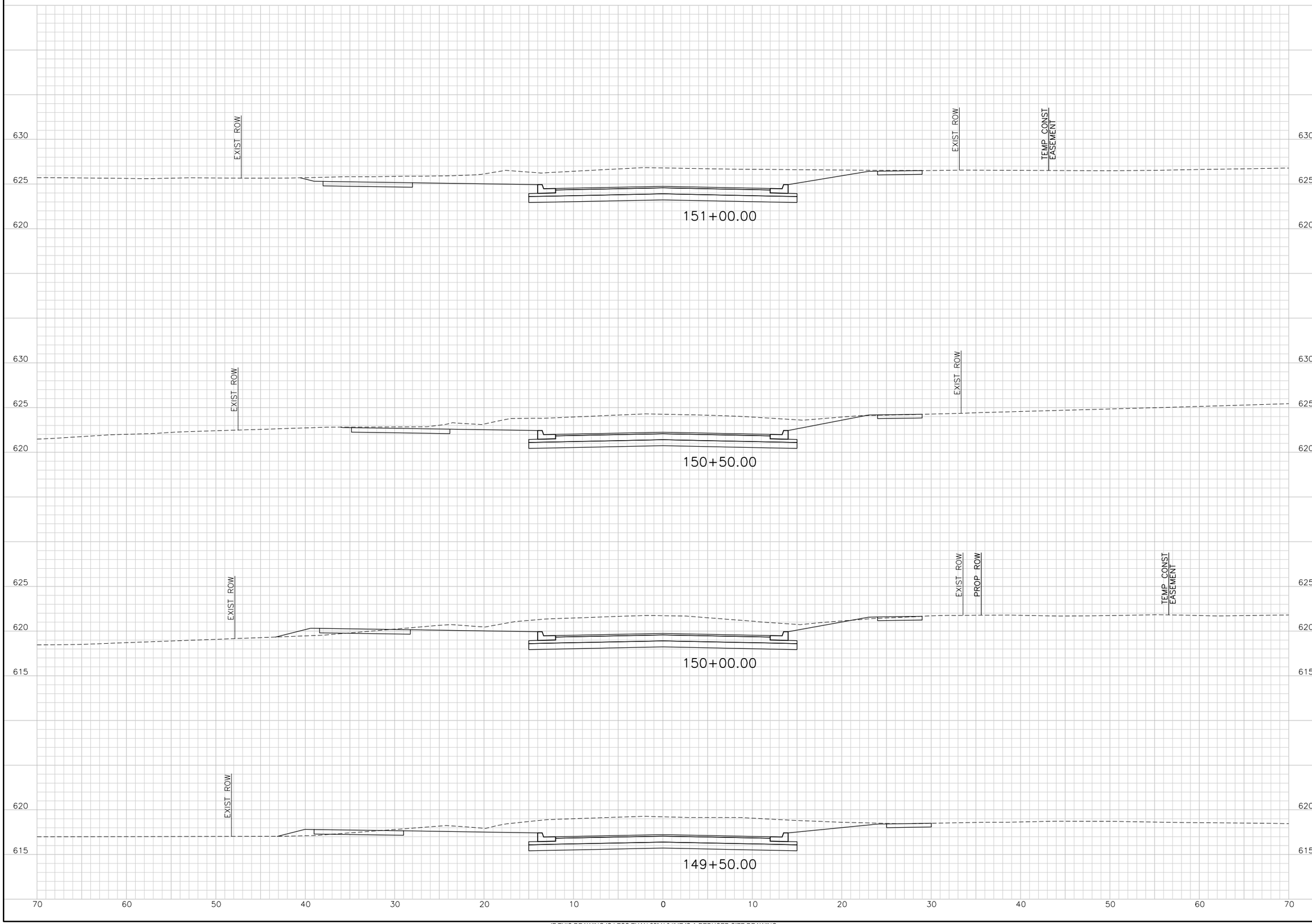

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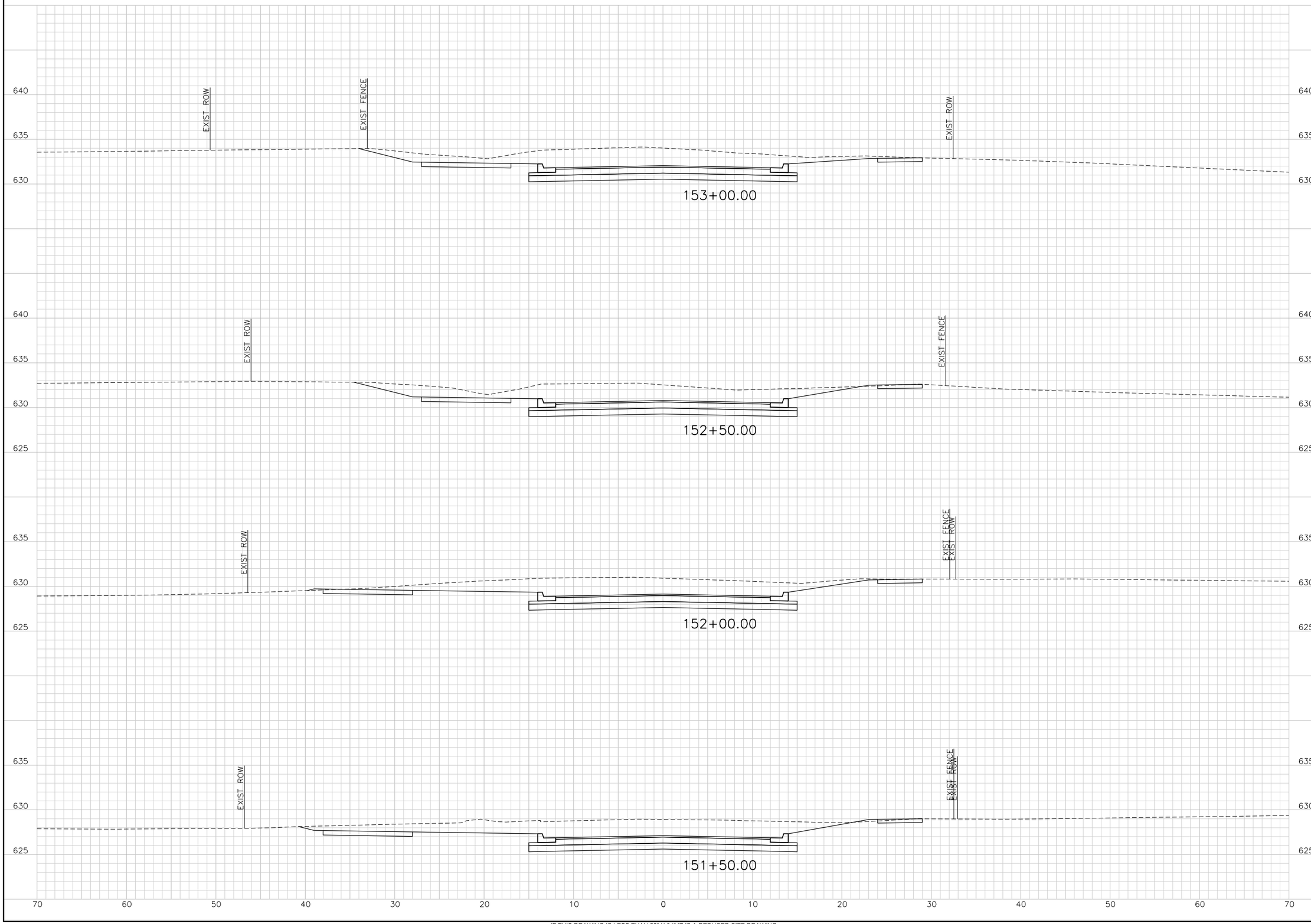
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-15



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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
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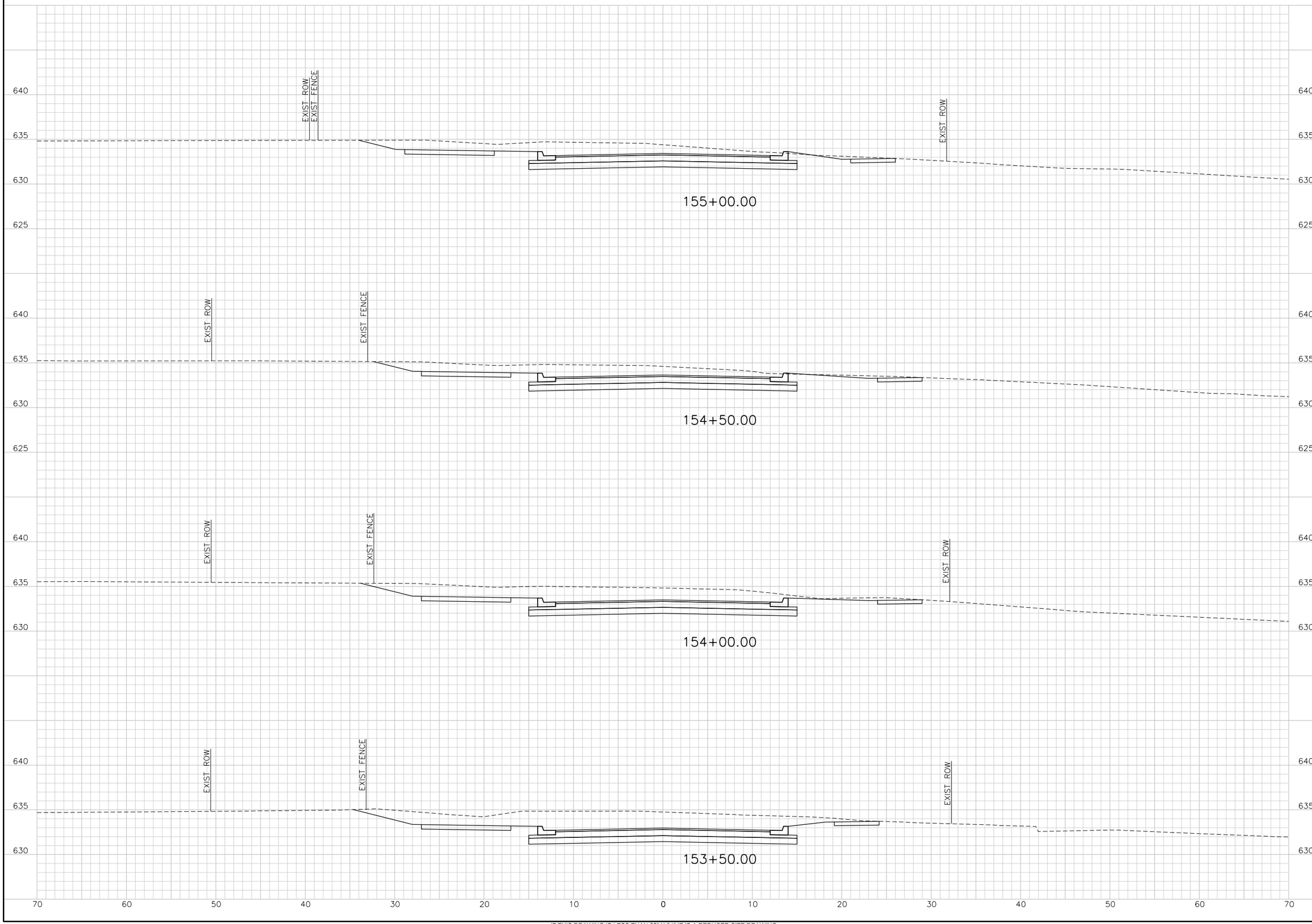

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PROJ NO: P202130124
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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
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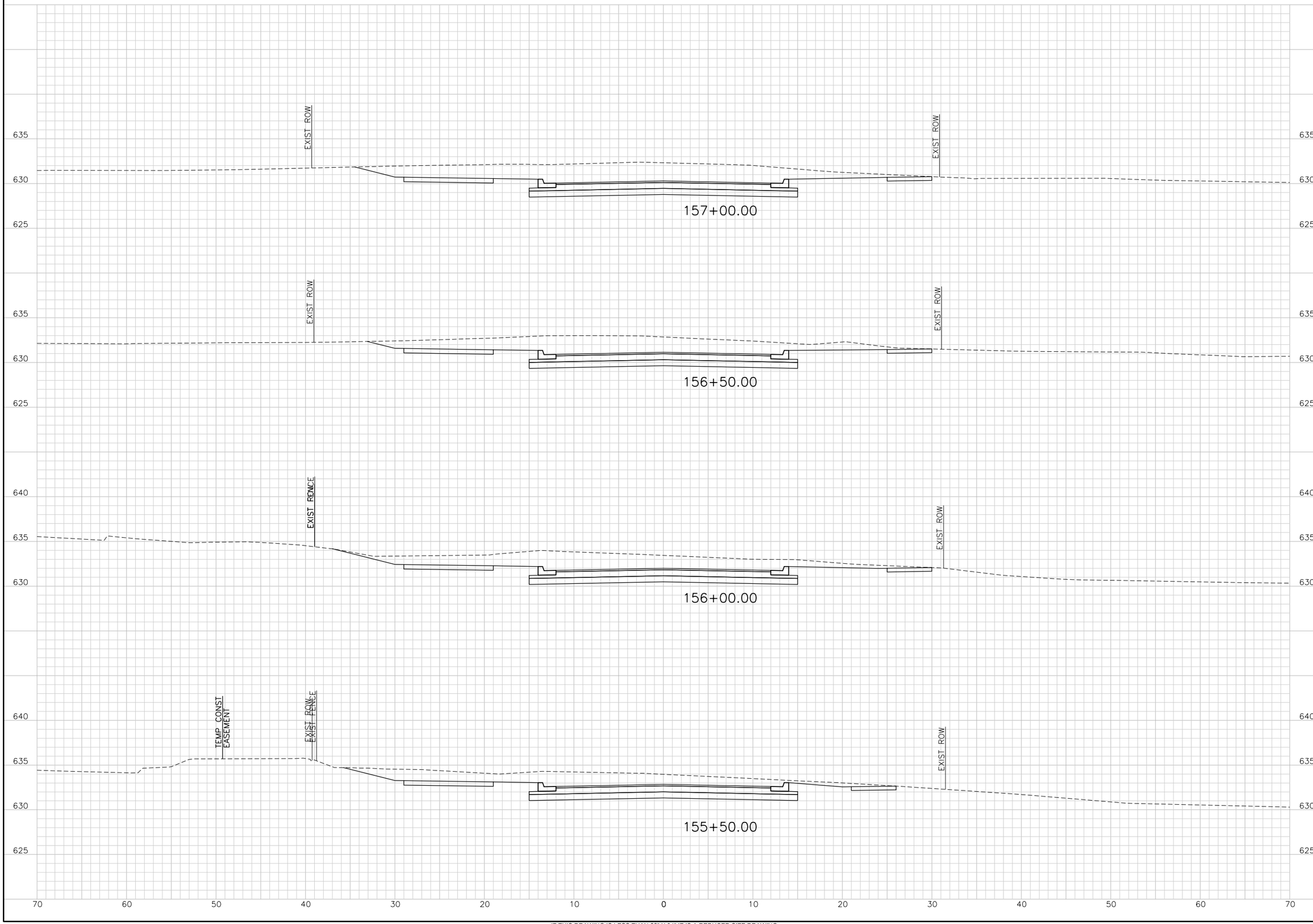

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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-18

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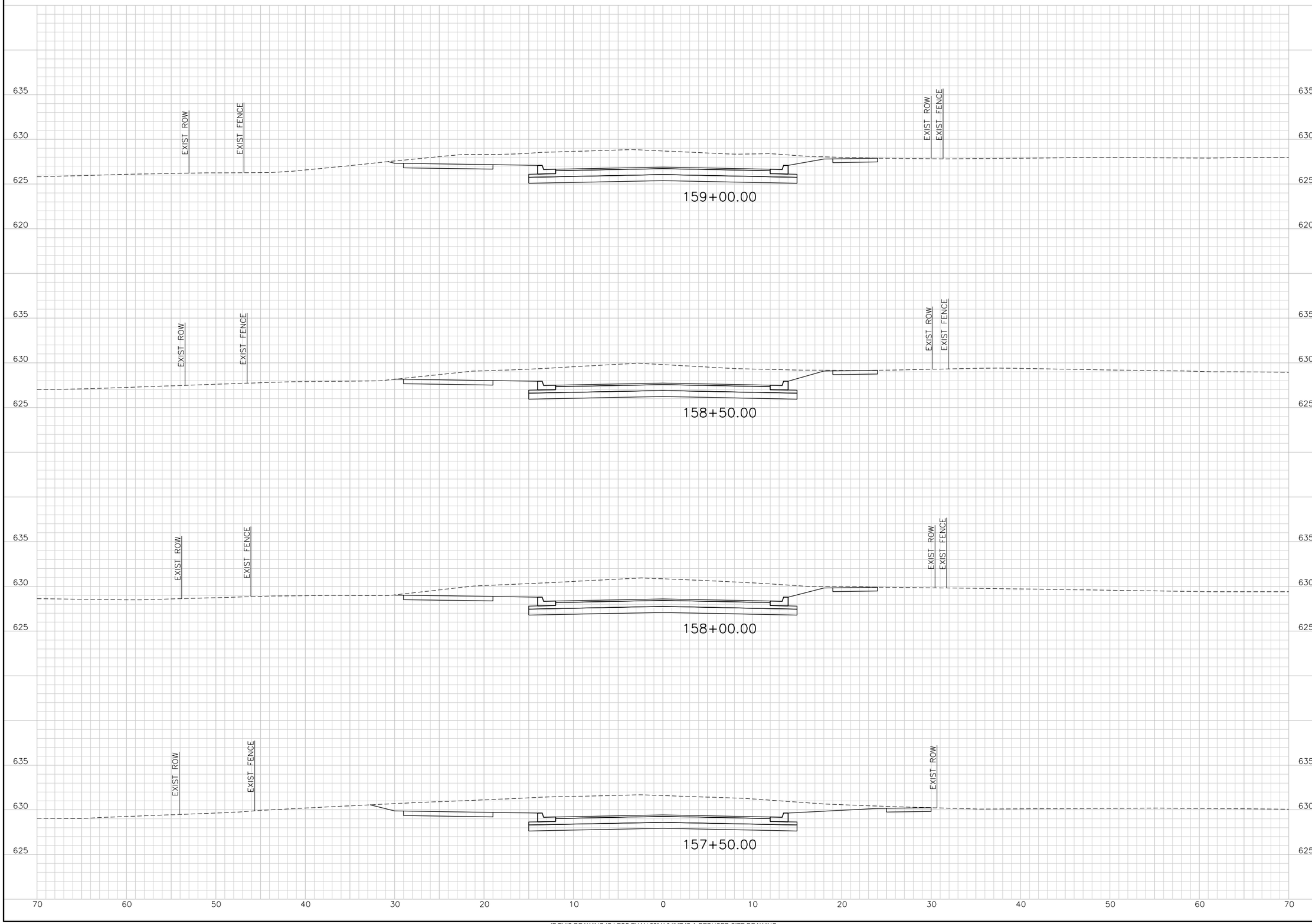

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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
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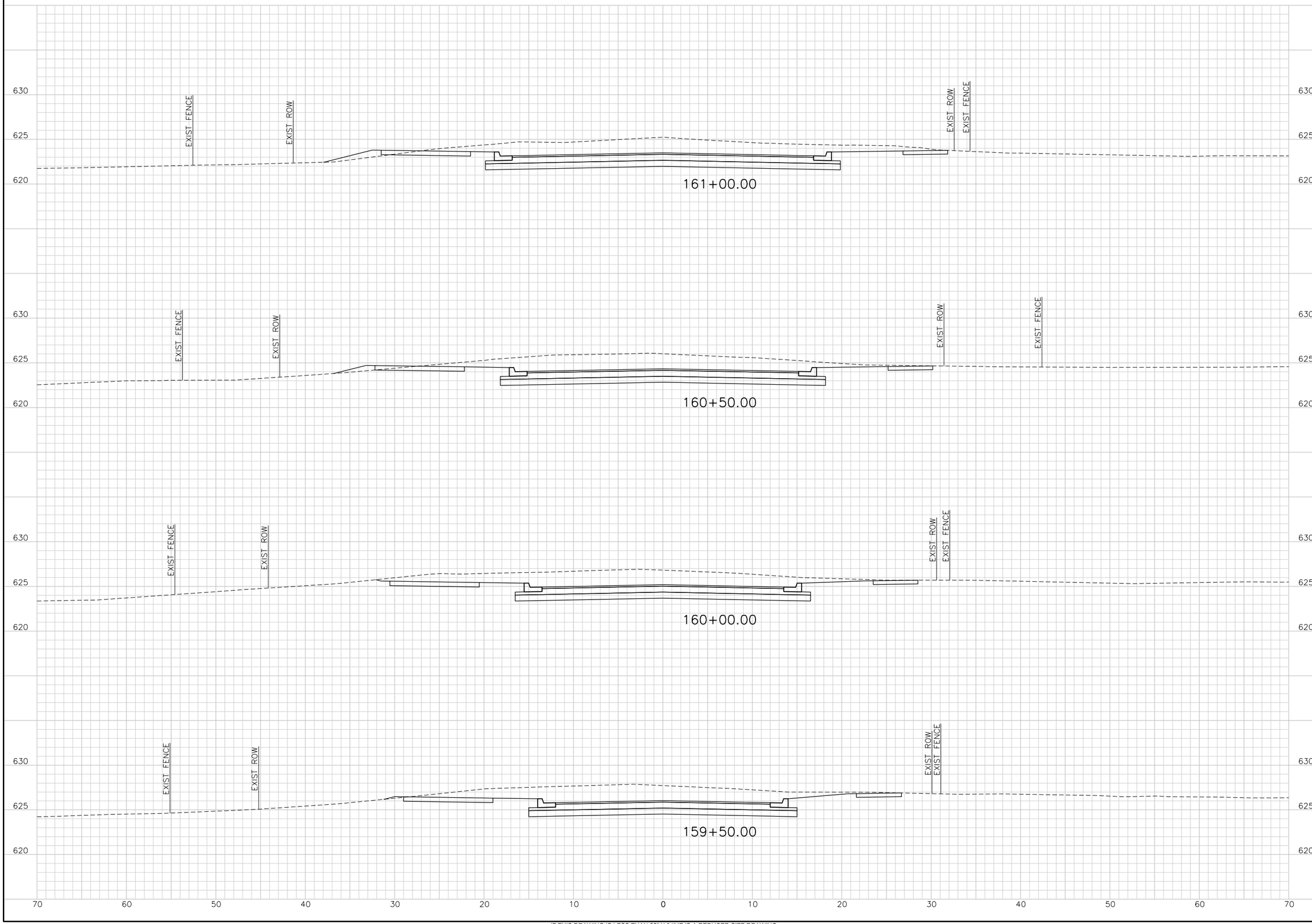

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GLADE ROAD
CROSS SECTIONS

SHEET NO.
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$USER$ $DATE$ - $TIME$ - $FILE$

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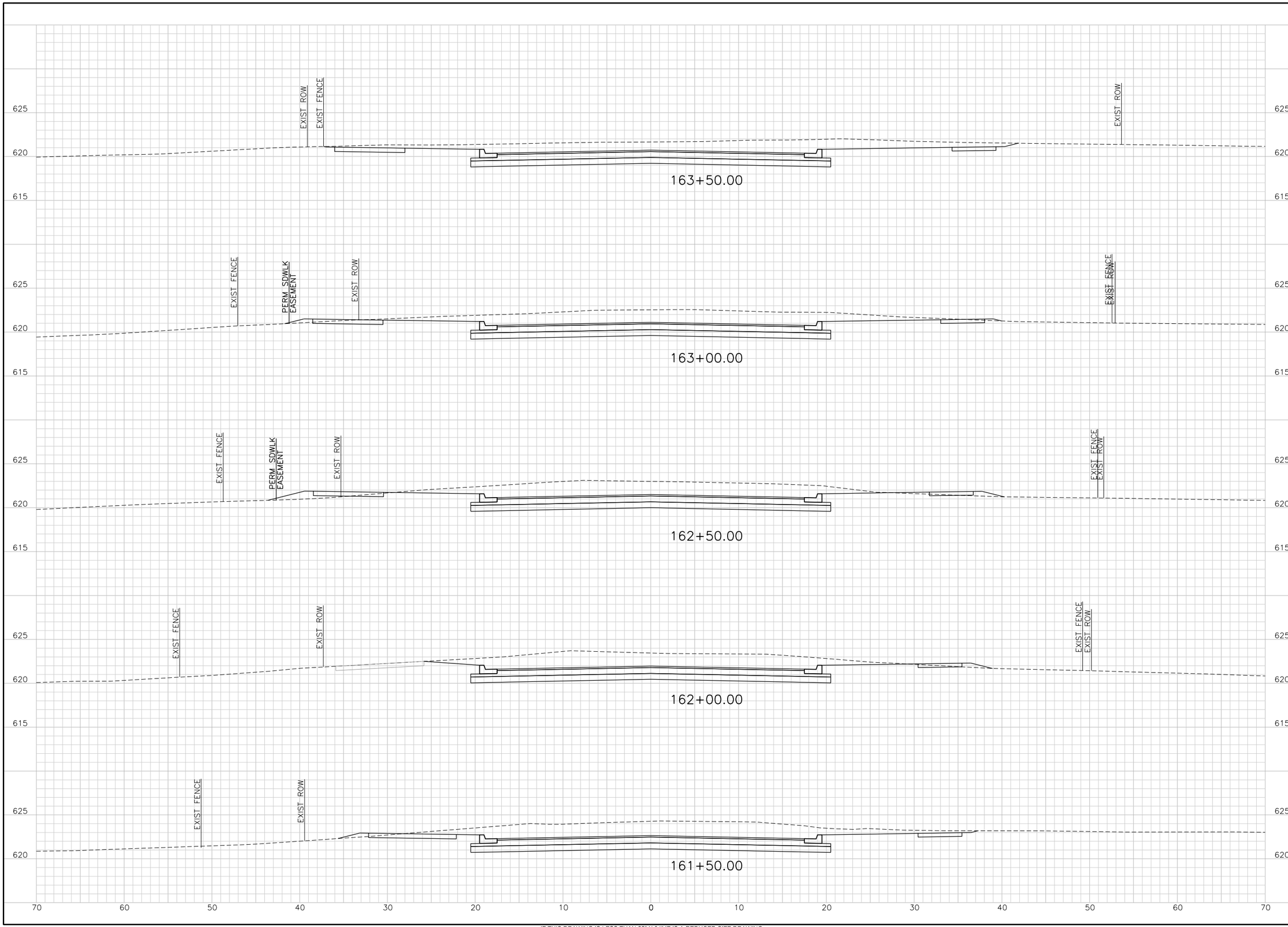

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CONSULTANTS:

GLADE ROAD PROJECT
PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-21

$USER$ $DATE$ - $TIME$ - $FILE$

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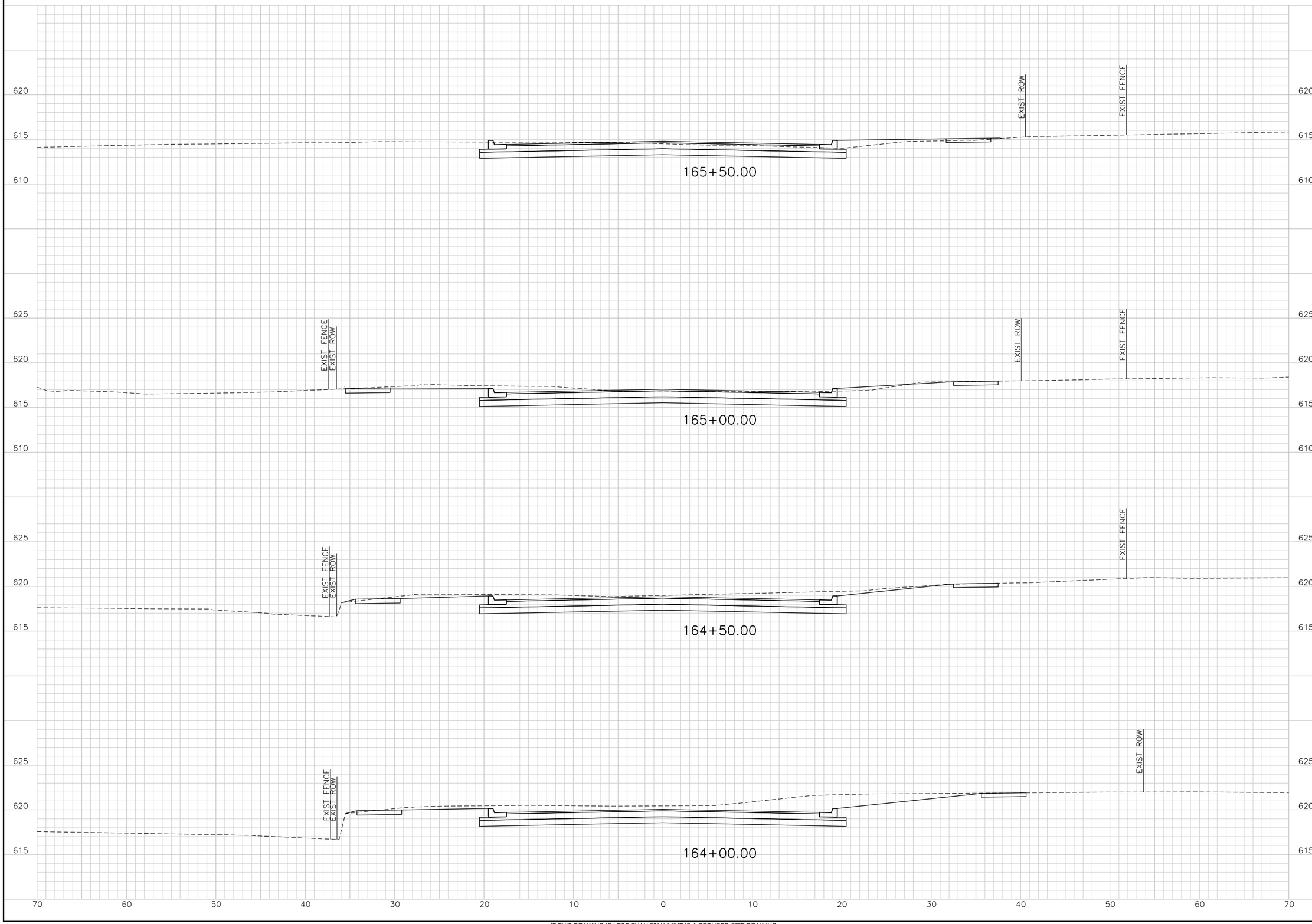

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CITY OF COLLEYVILLE TEXAS

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-22

$USER$ $DATE$ - $TIME$ - $FILE$

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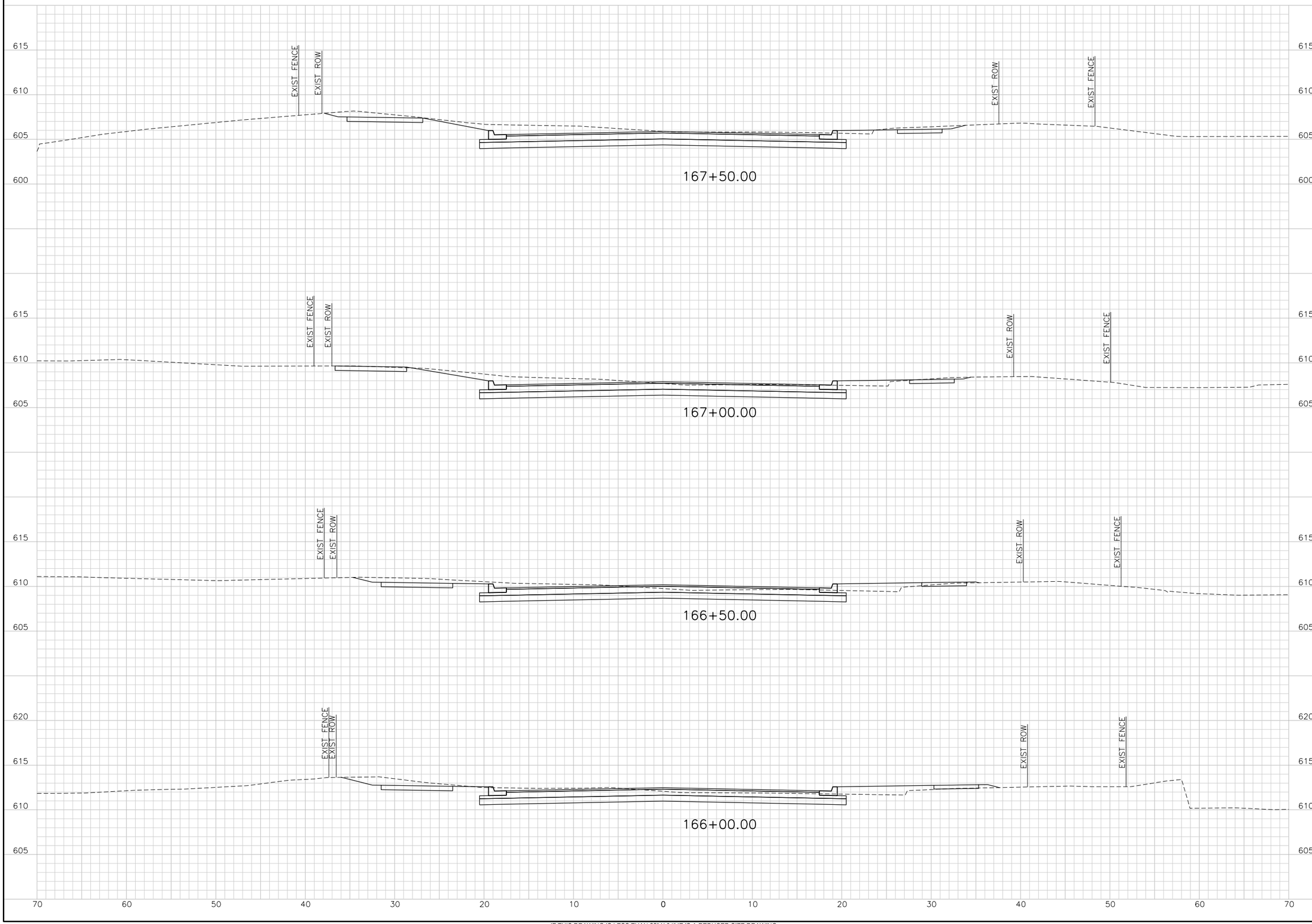

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$USER$ $DATE$ - $TIME$ - $FILE$

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CONSULTANTS:

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CITY OF COLLEYVILLE TEXAS

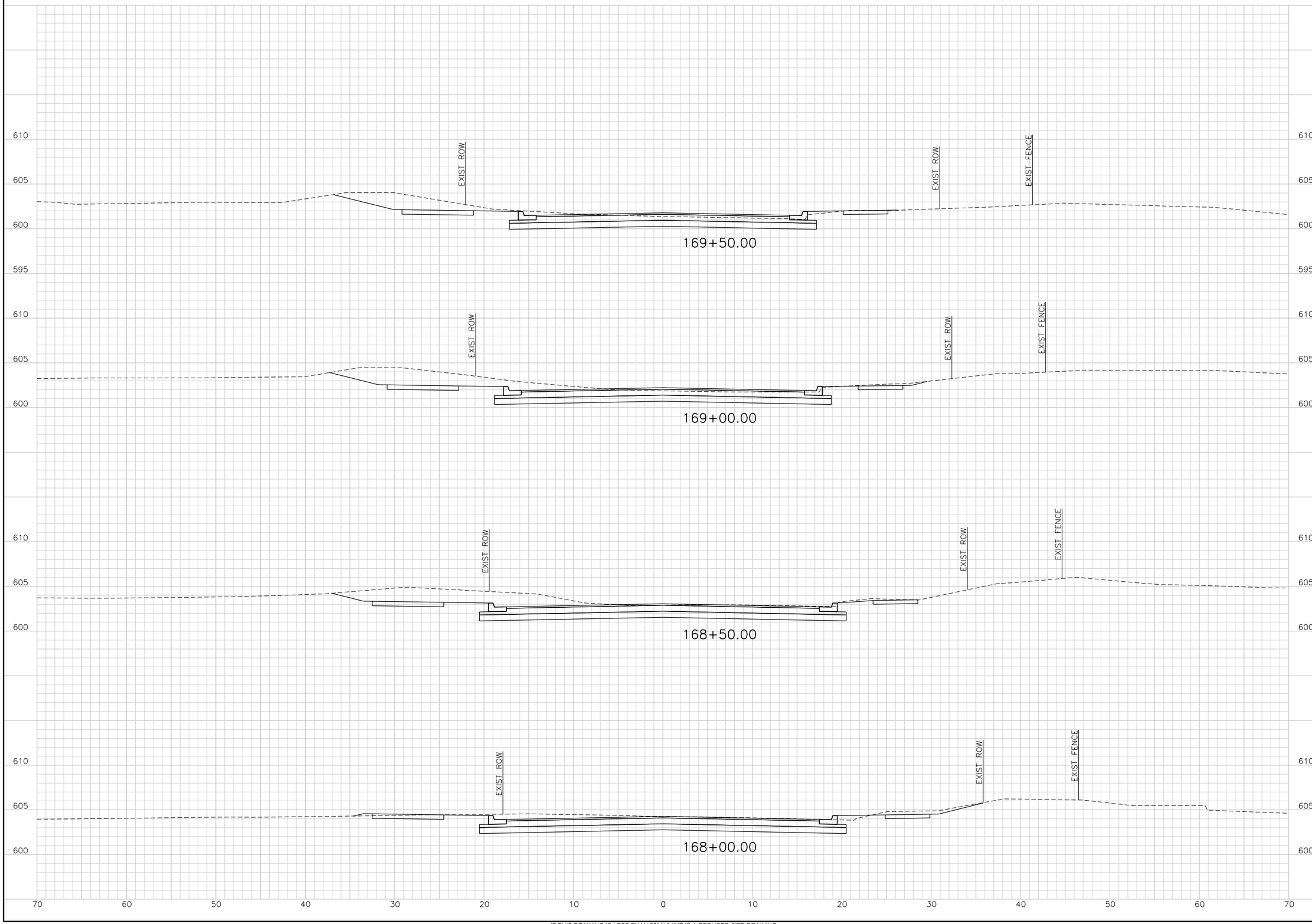
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-23



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$USER$
$DATE$ - $TIME$ - $FILE$

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CITY OF COLLEYVILLE TEXAS

REVISIONS:

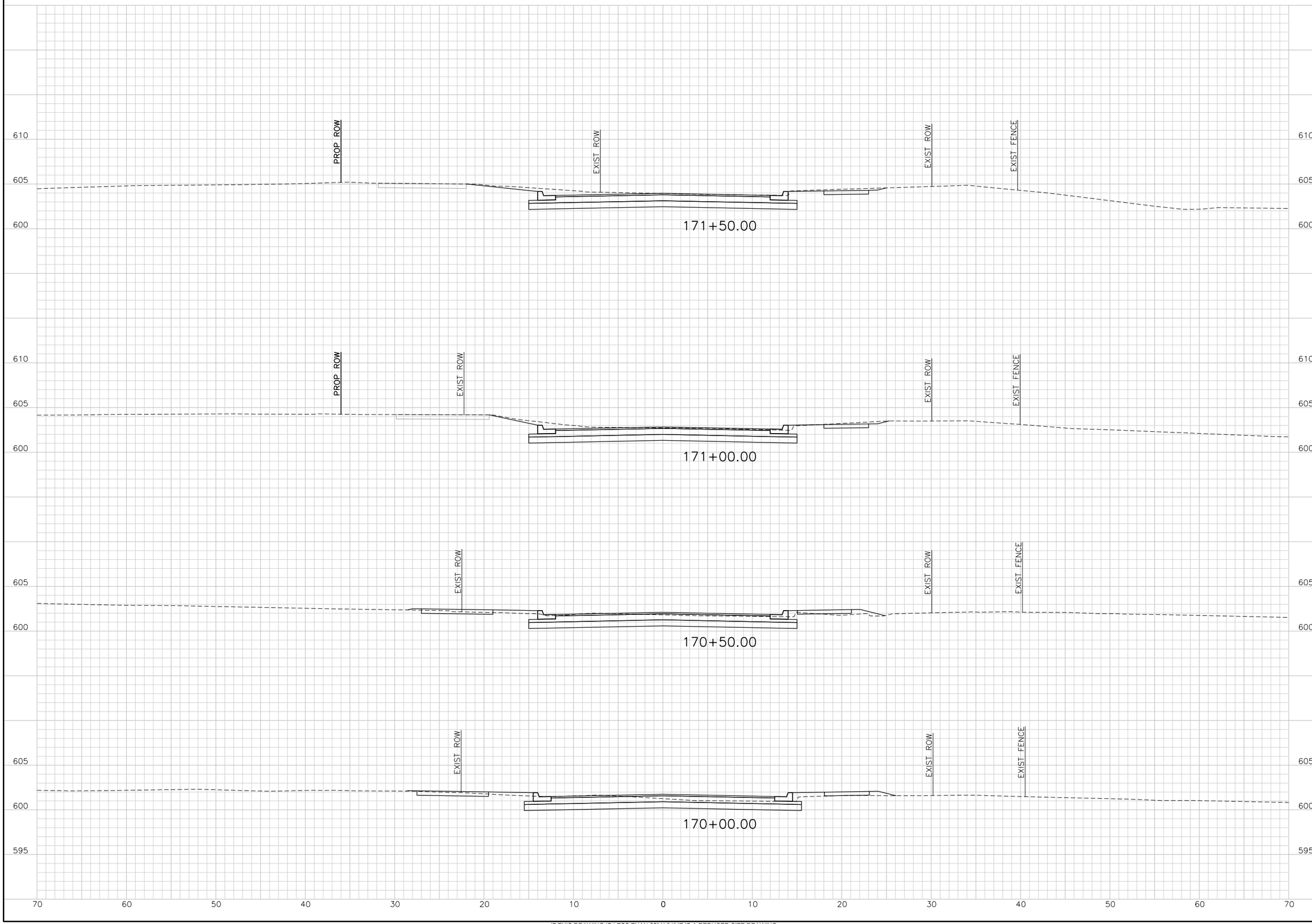
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-24



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$USER$ $DATE$ - $TIME$ - $FILE$

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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
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DRAWN BY: KAB
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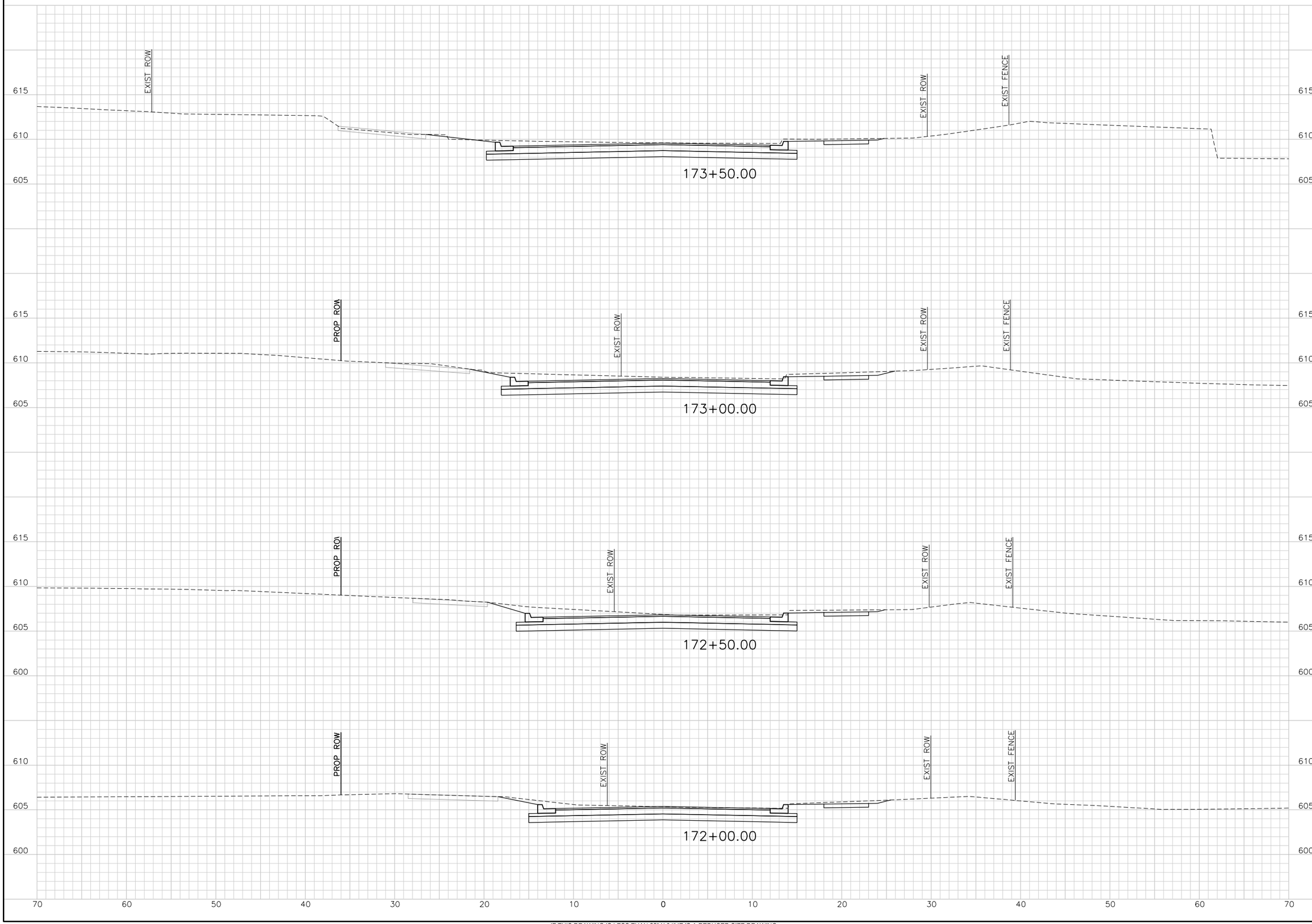
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-25



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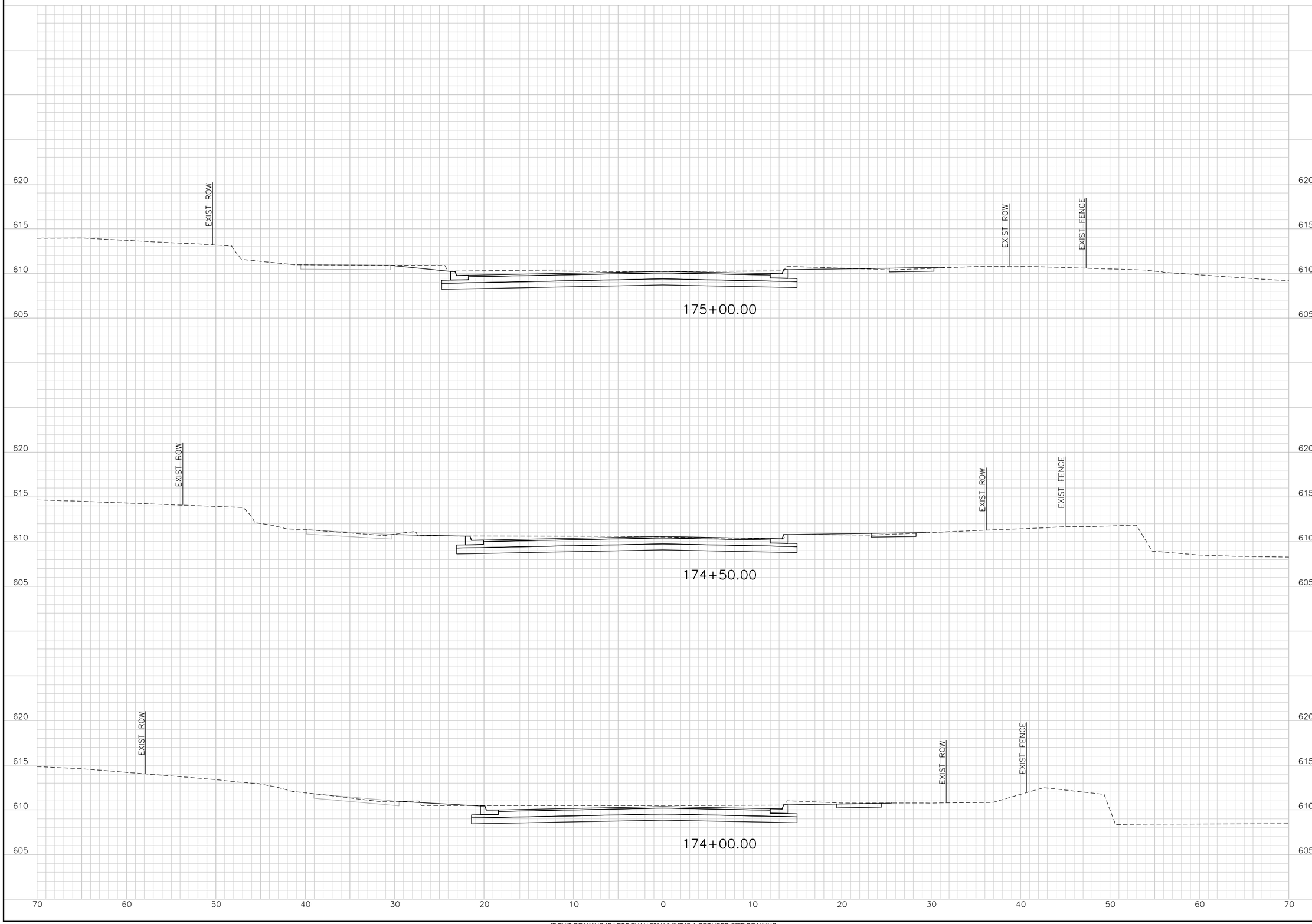
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-26



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-BASE-27

$USER$
$DATE$ - $TIME$ - $FILE$

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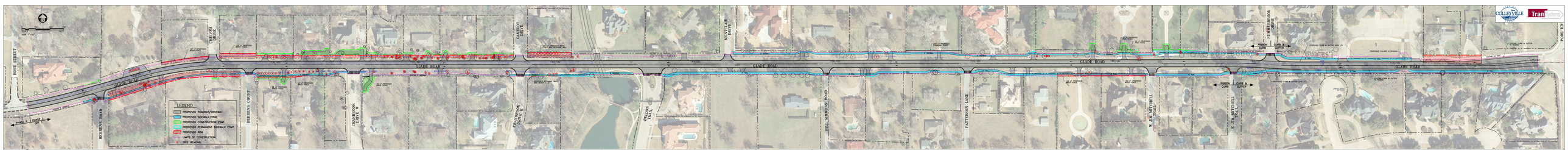

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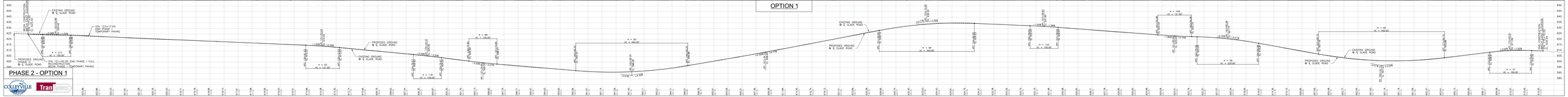
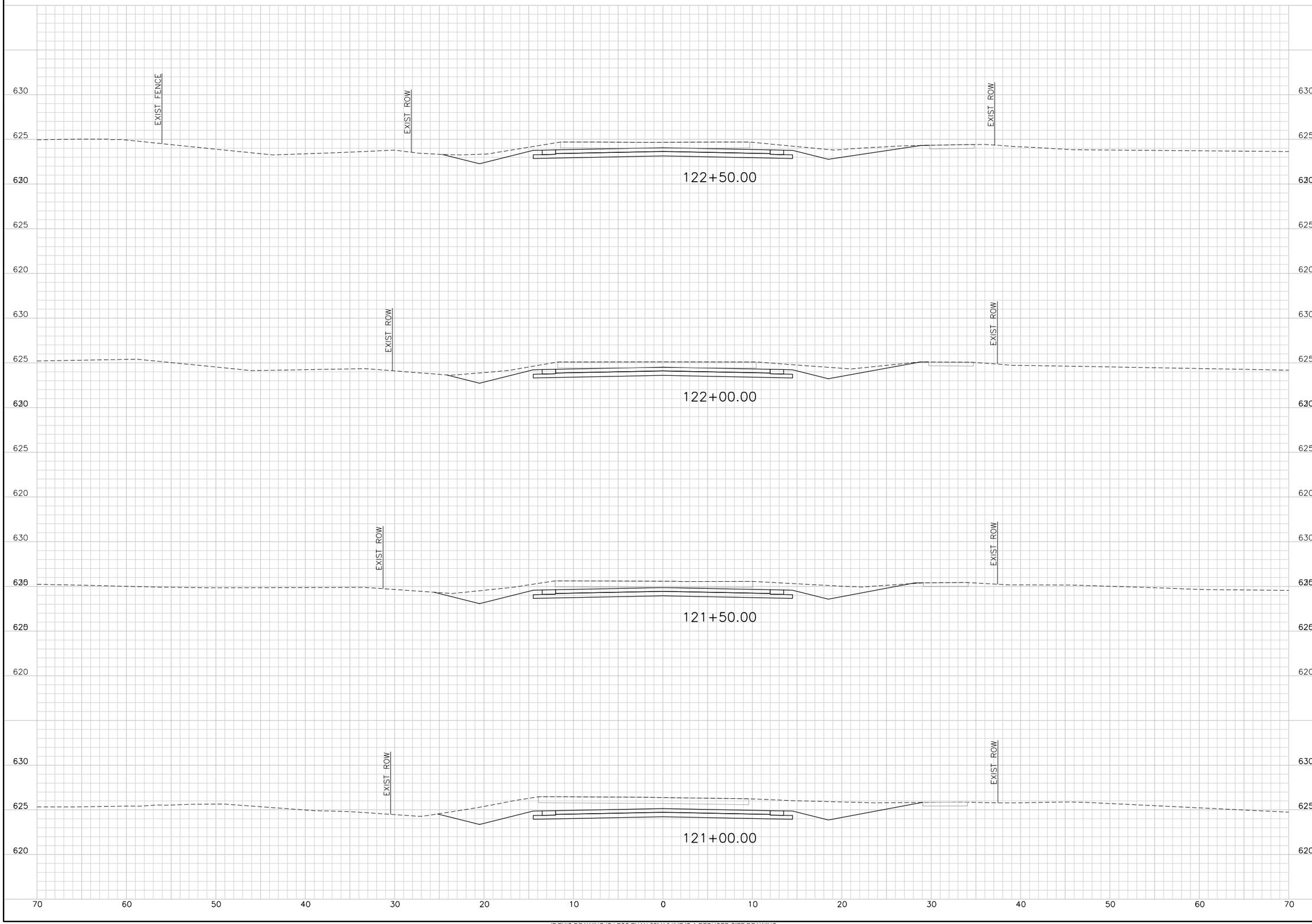


PHASE 2 - OPTION 1



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PROJ NO: P202130124
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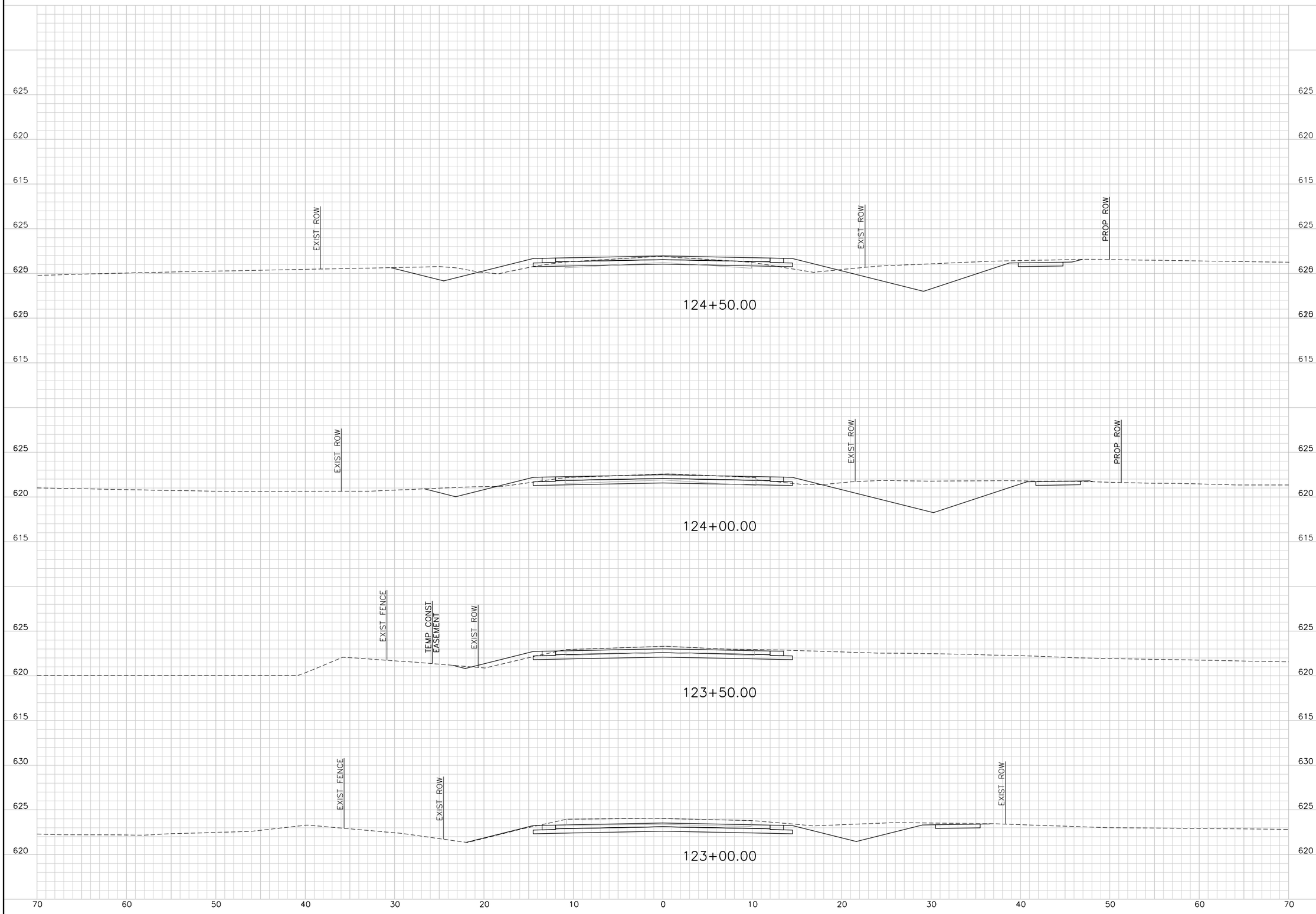
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-1



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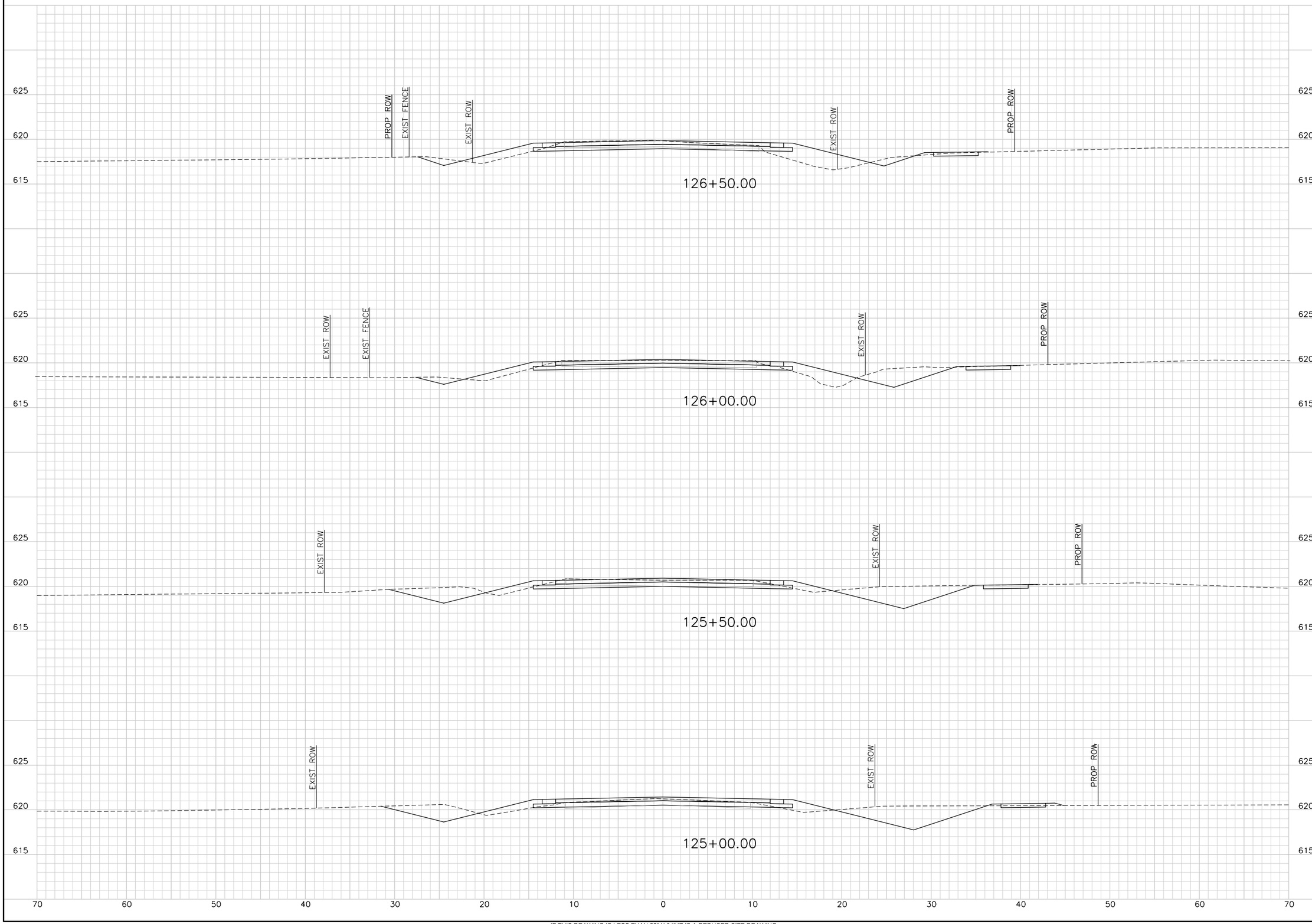
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-2



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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
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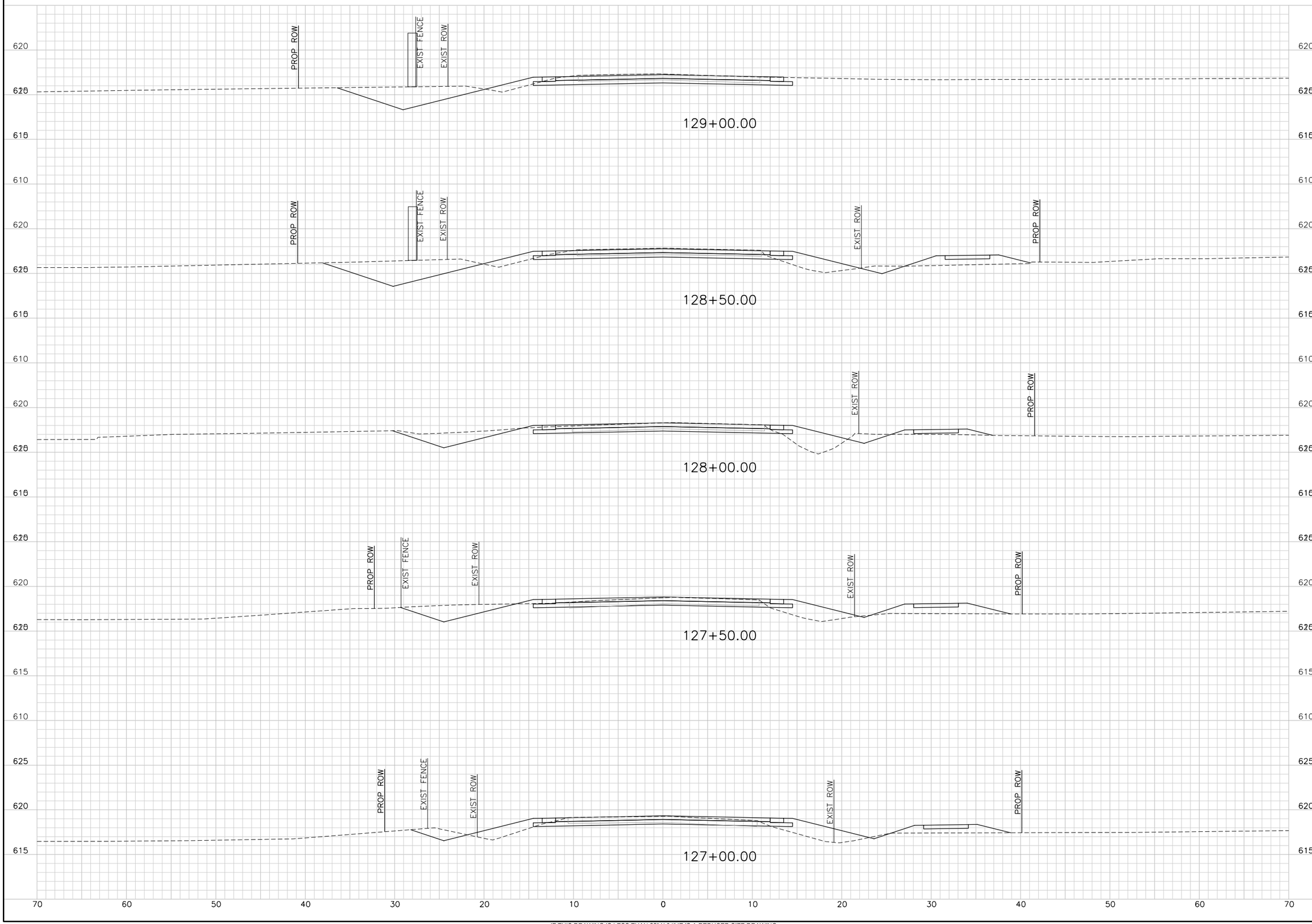
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-3



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CITY OF COLLEYVILLE TEXAS

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-4

$USER$
$DATE$ - $TIME$ - $FILE$

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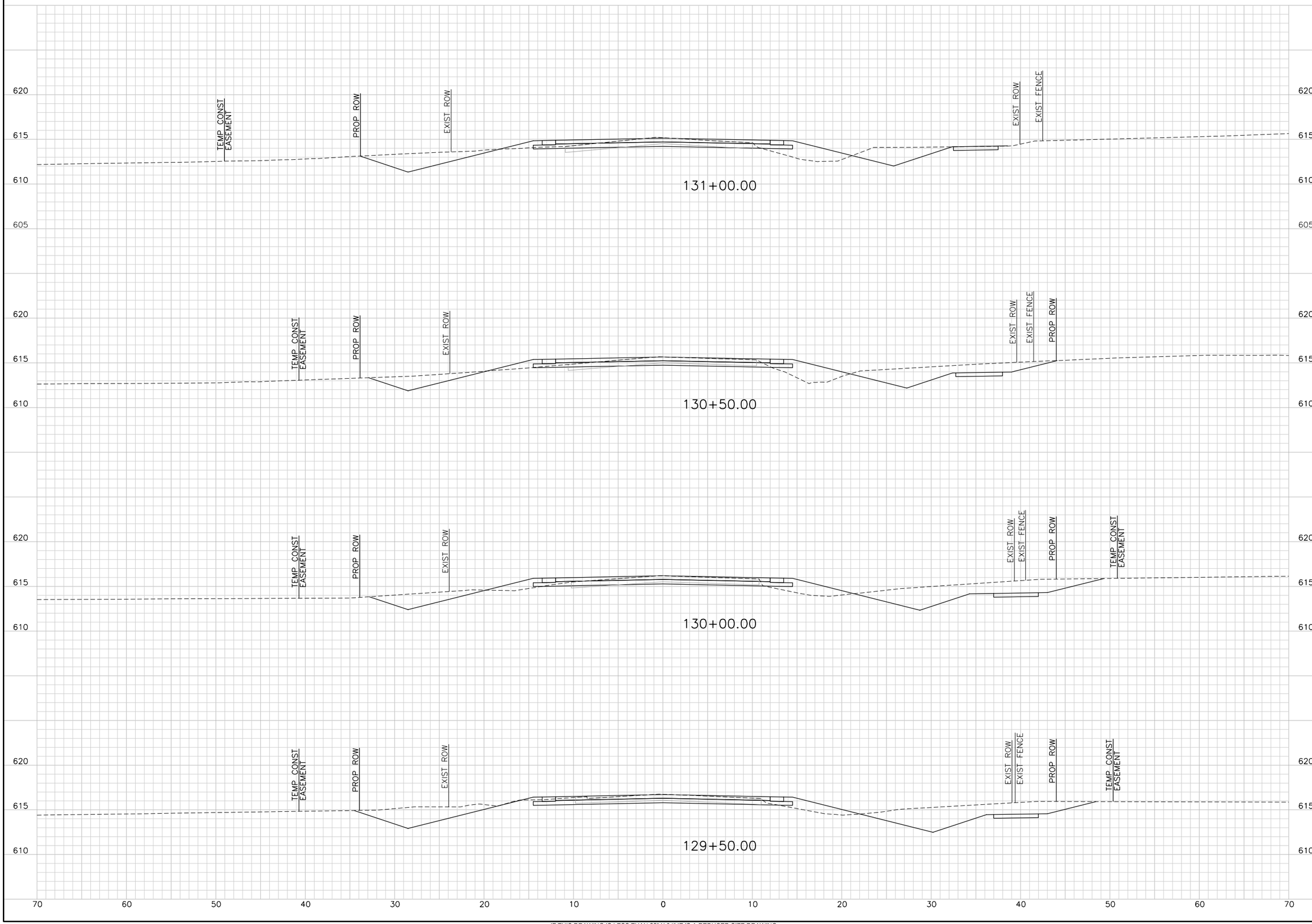

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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
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DATE: $DATE$
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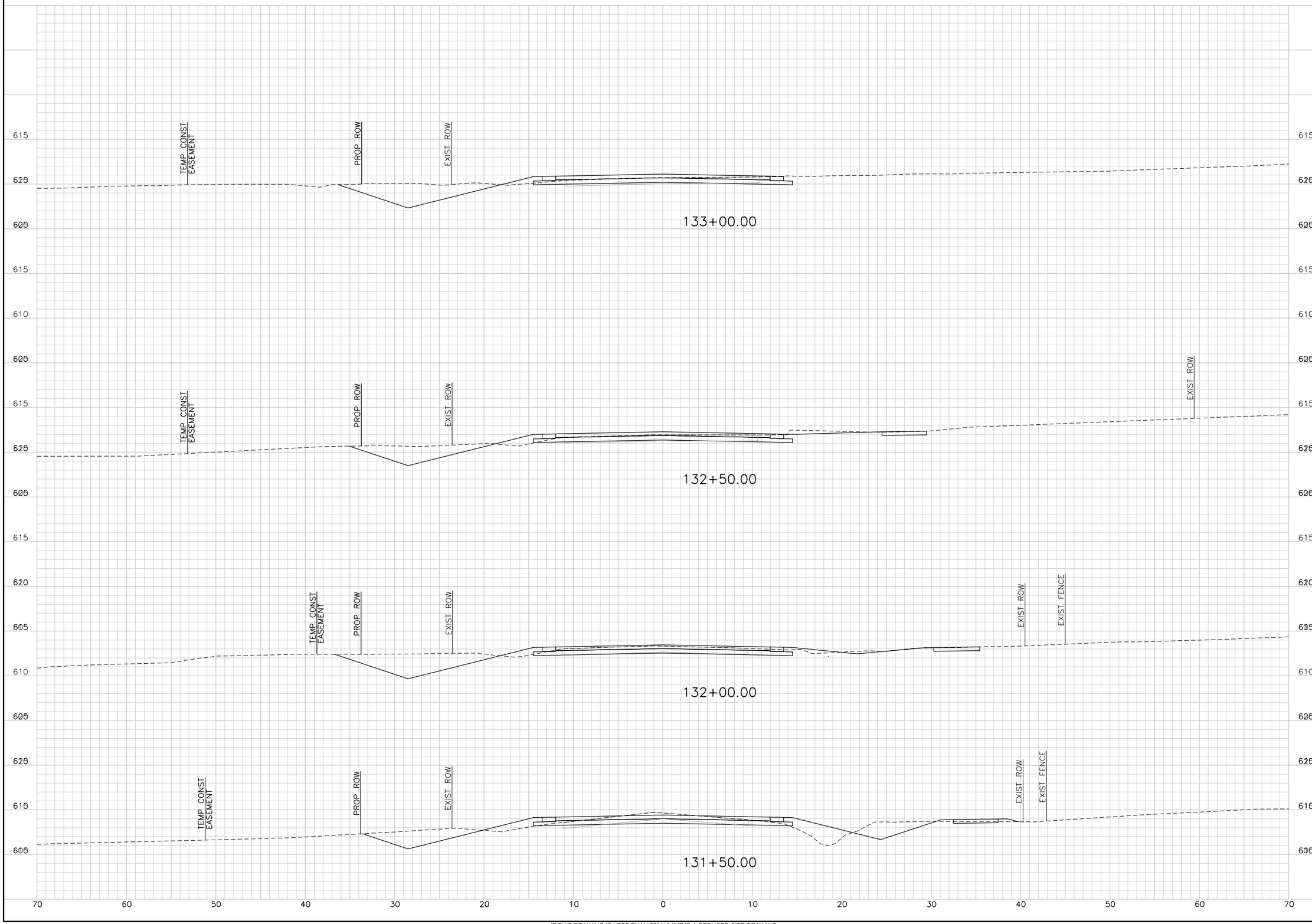
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-5



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$USER$ $DATE$ - $TIME$ - $FILE$

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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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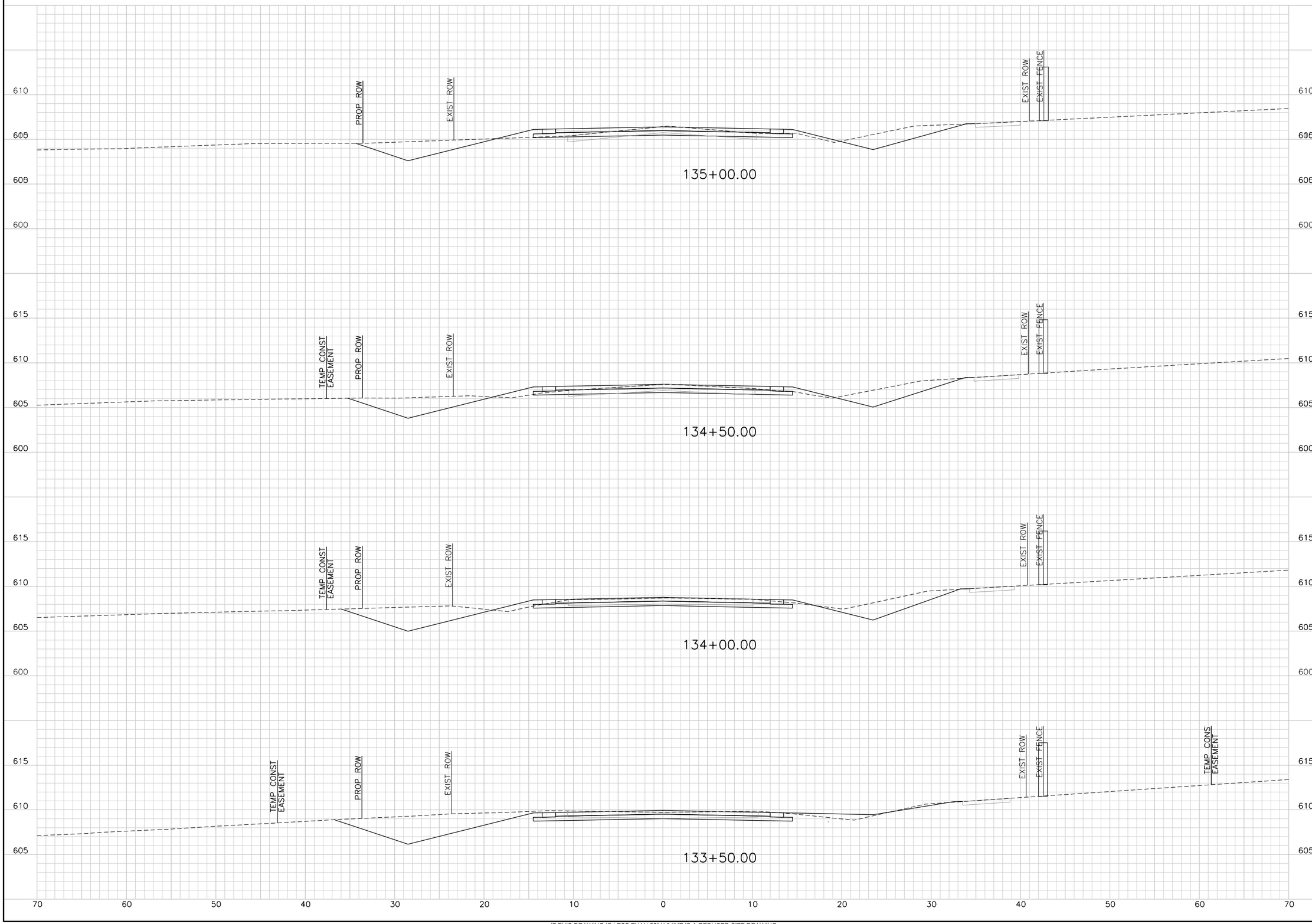
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-6



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
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DATE: $DATE$
DESIGNED BY: JWZ
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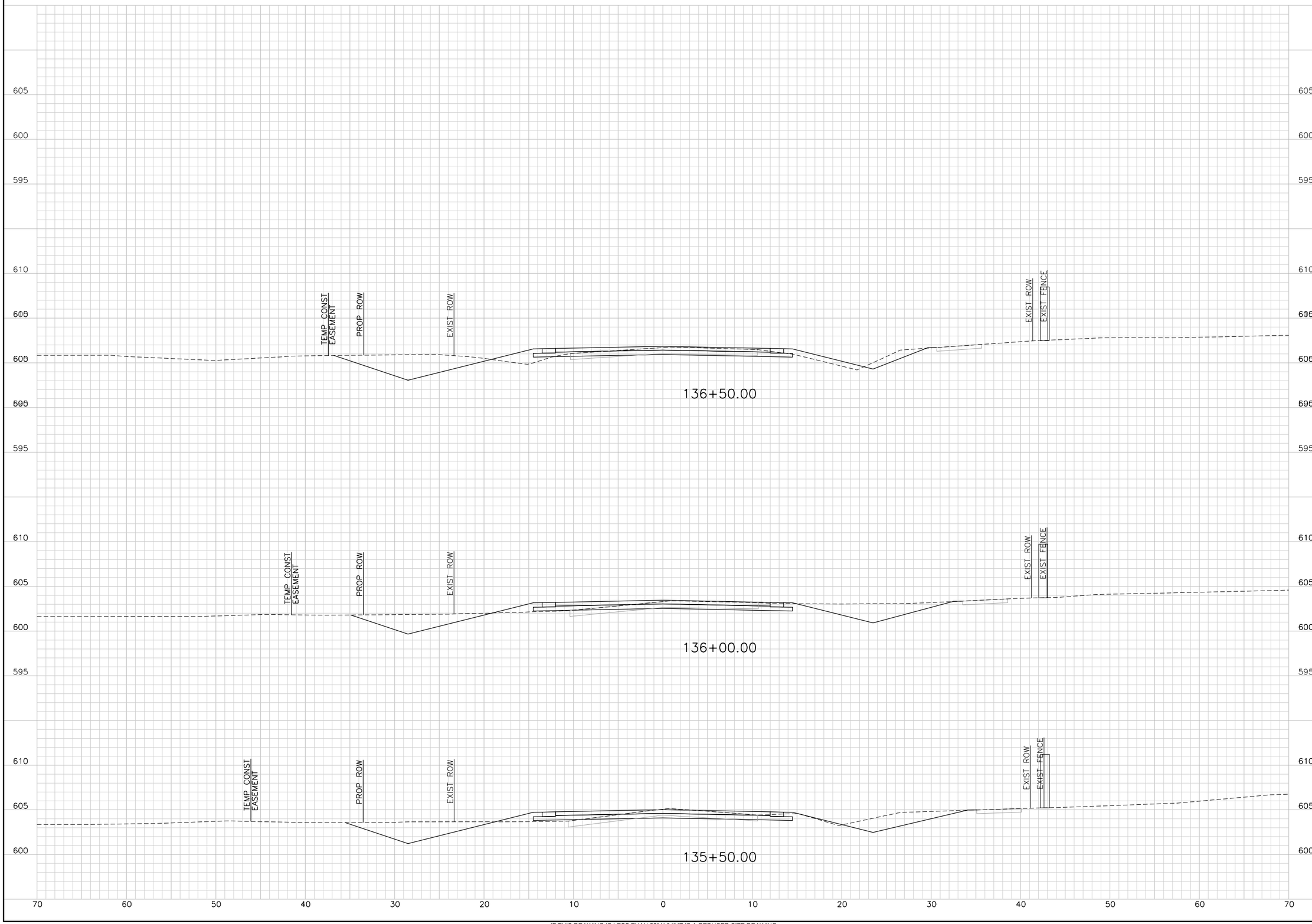
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-7



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$USER$
$DATE$ - $TIME$ - $FILE$

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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
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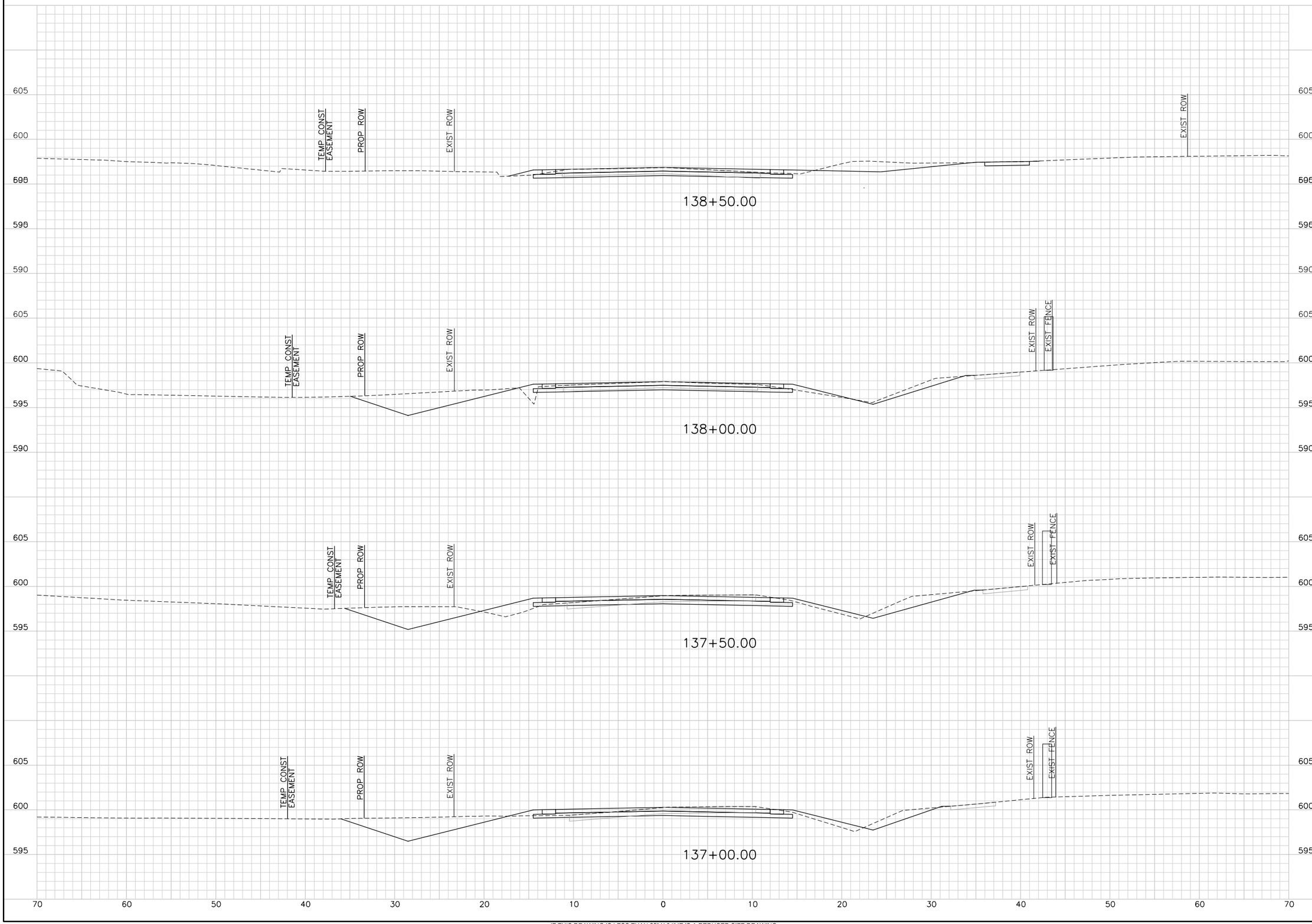
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-8



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DATE: $DATE$
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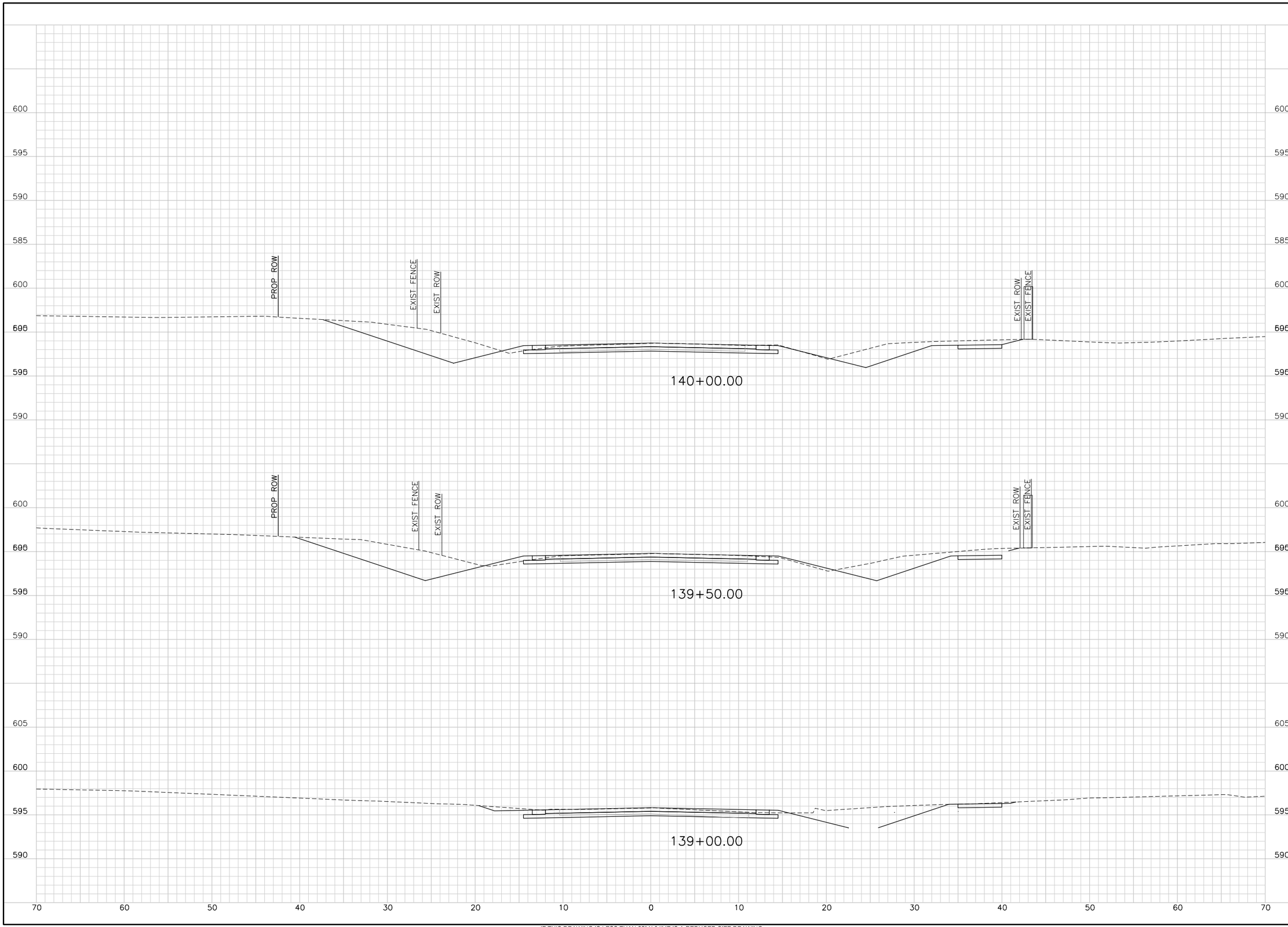
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-9



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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-10

$USER$ $DATE$ - $TIME$ - $FILE$

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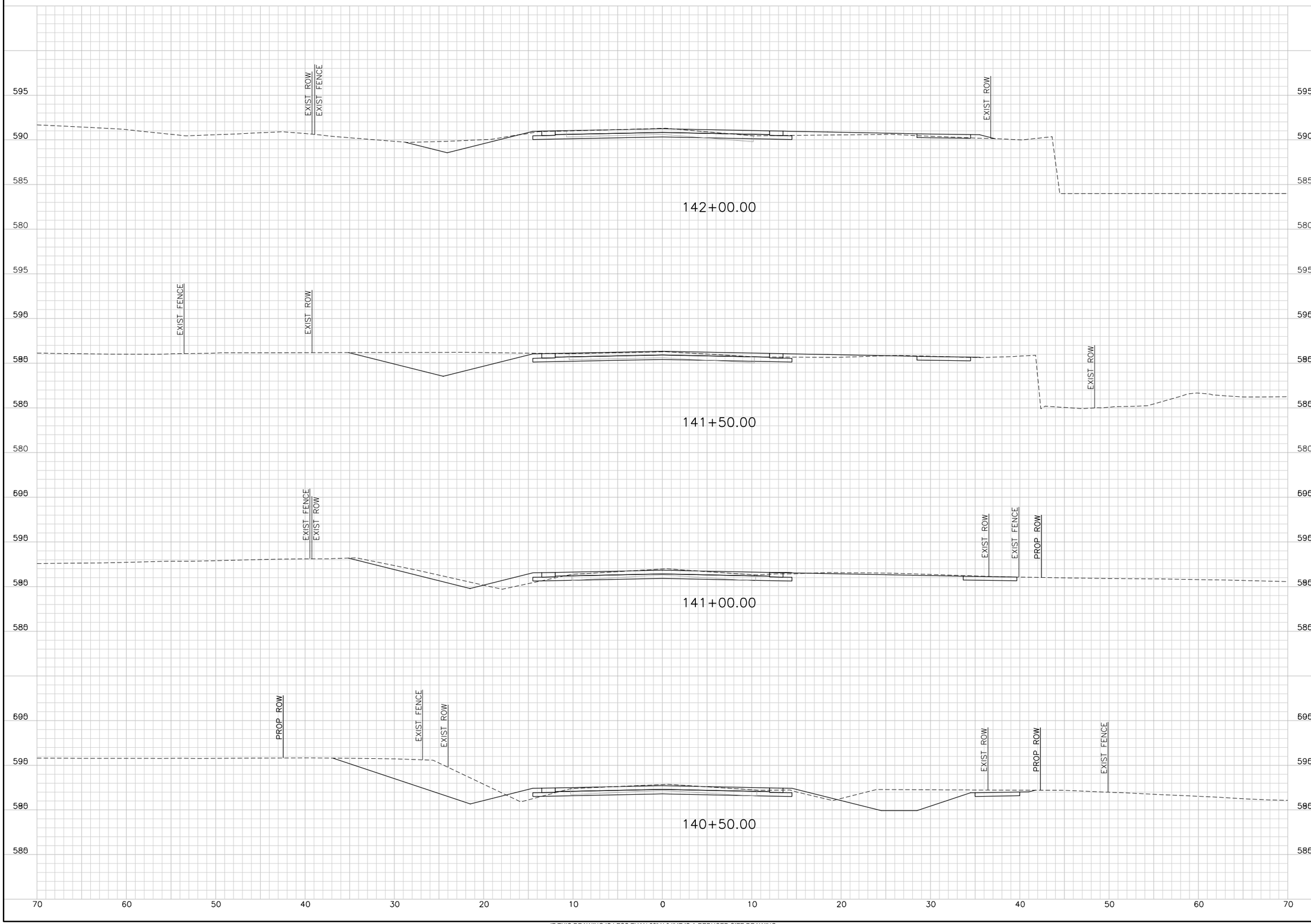

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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-11

$USER$ $DATE$ - $TIME$ - $FILE$

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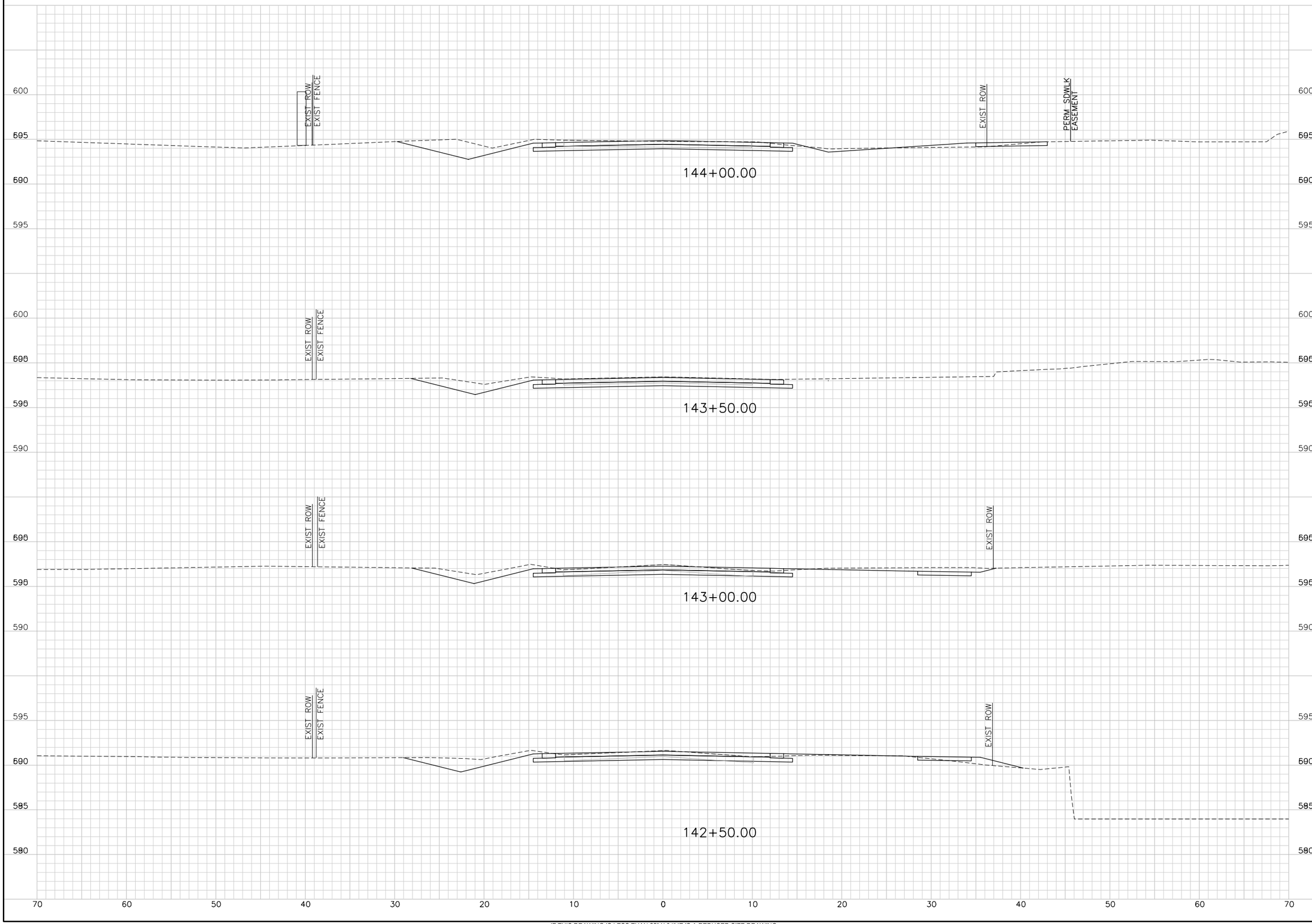

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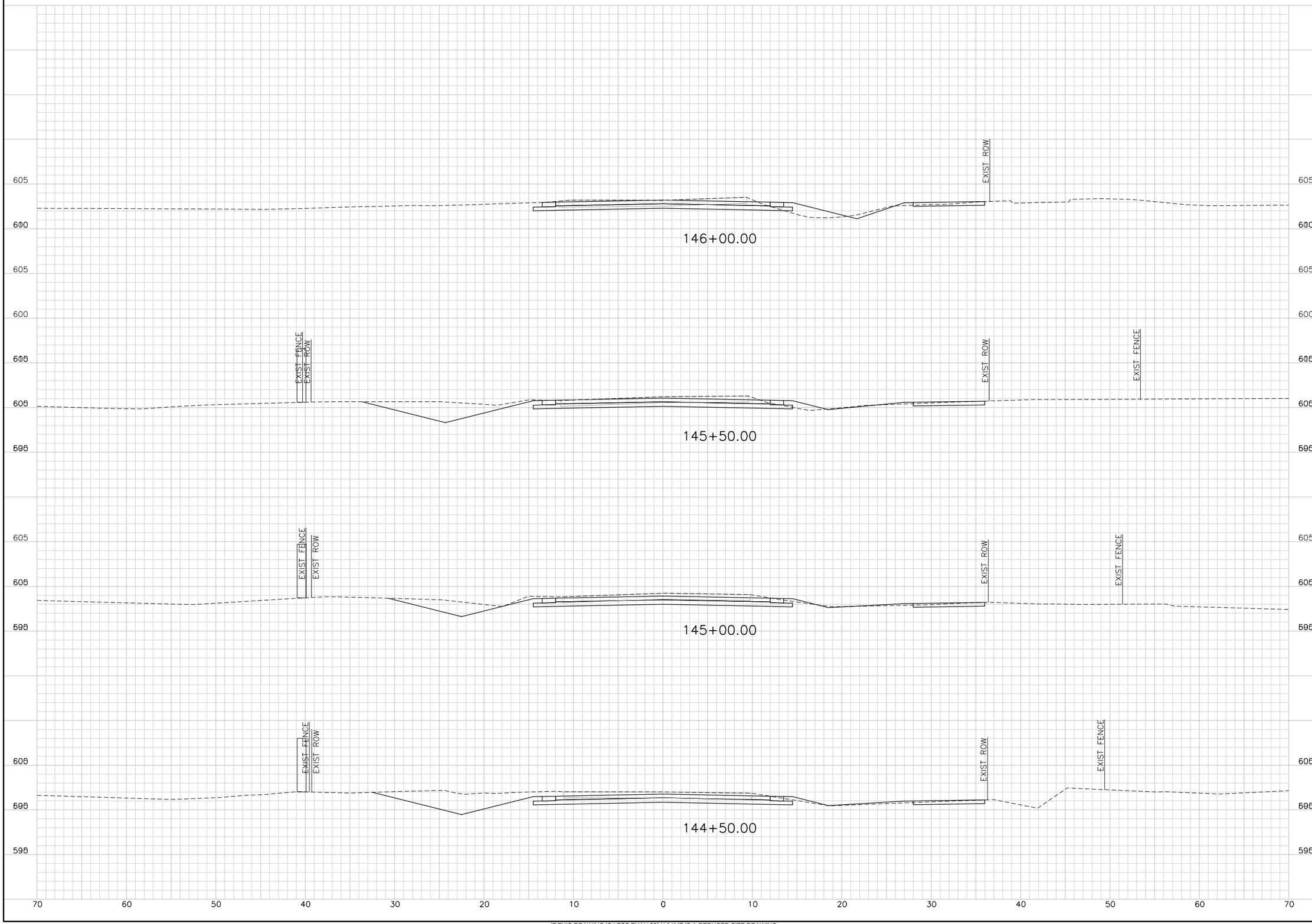
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-12



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CITY OF COLLEYVILLE TEXAS

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

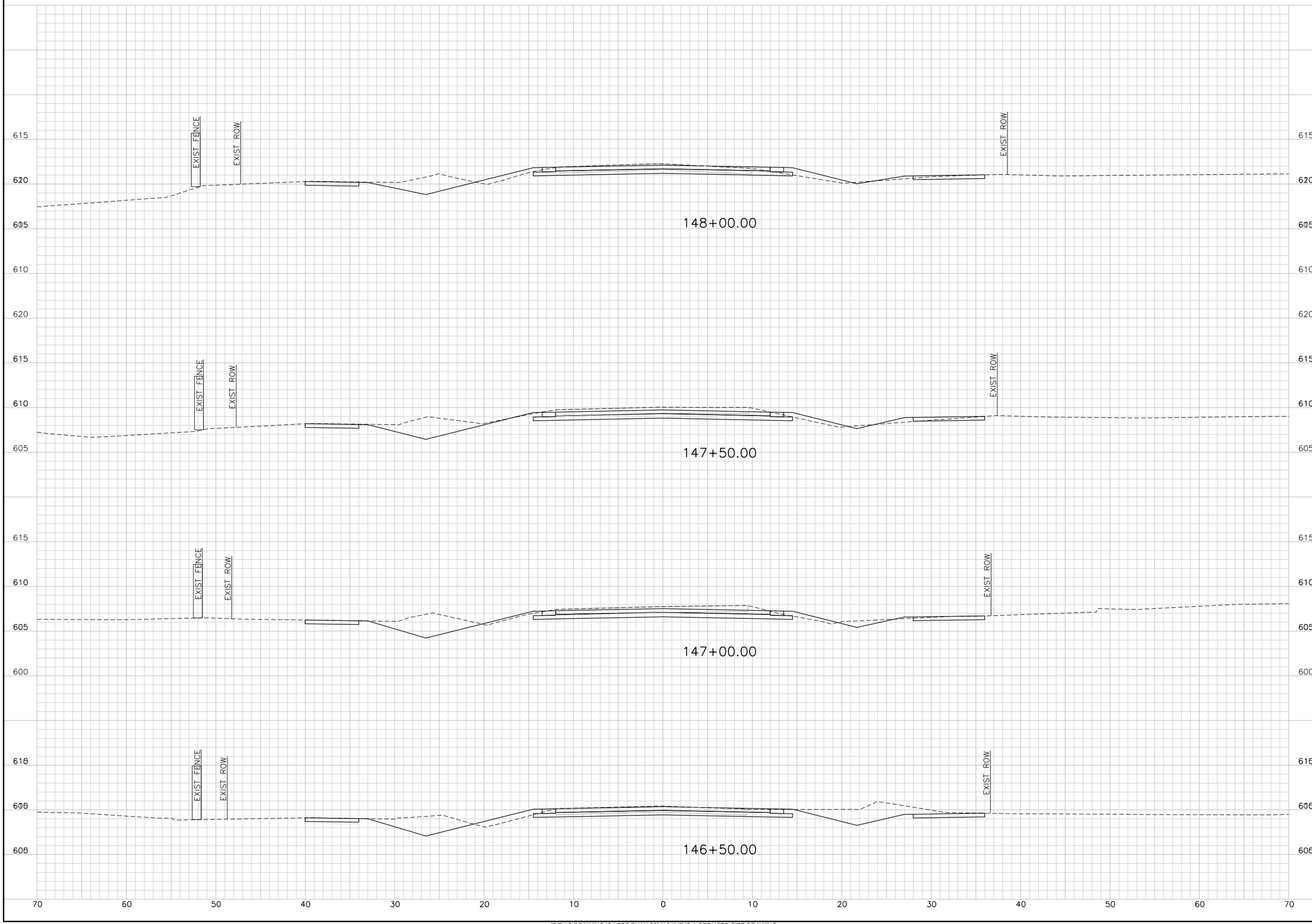
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-13

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-14

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

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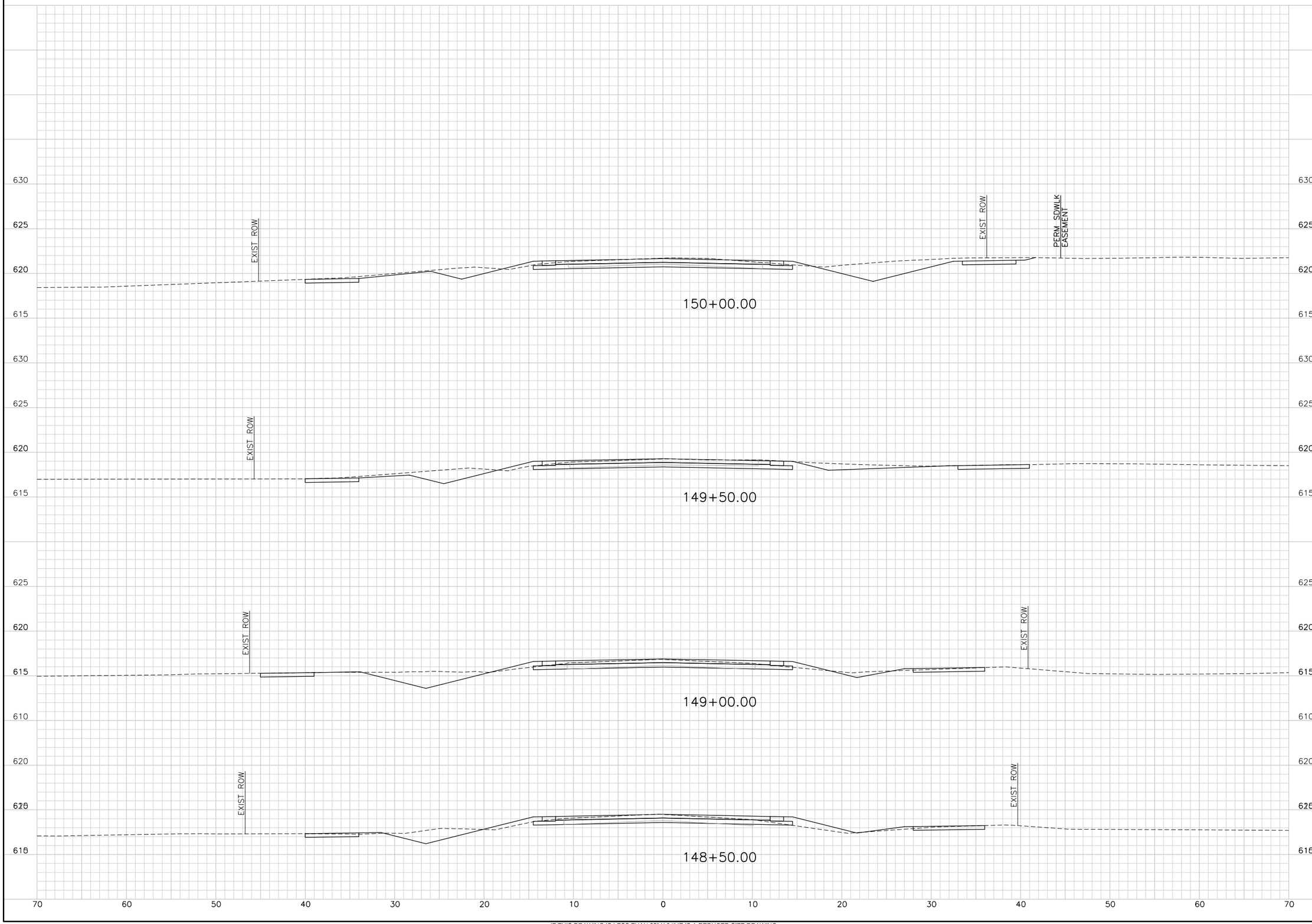

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$USER$ $DATE$ - $TIME$ - $FILE$

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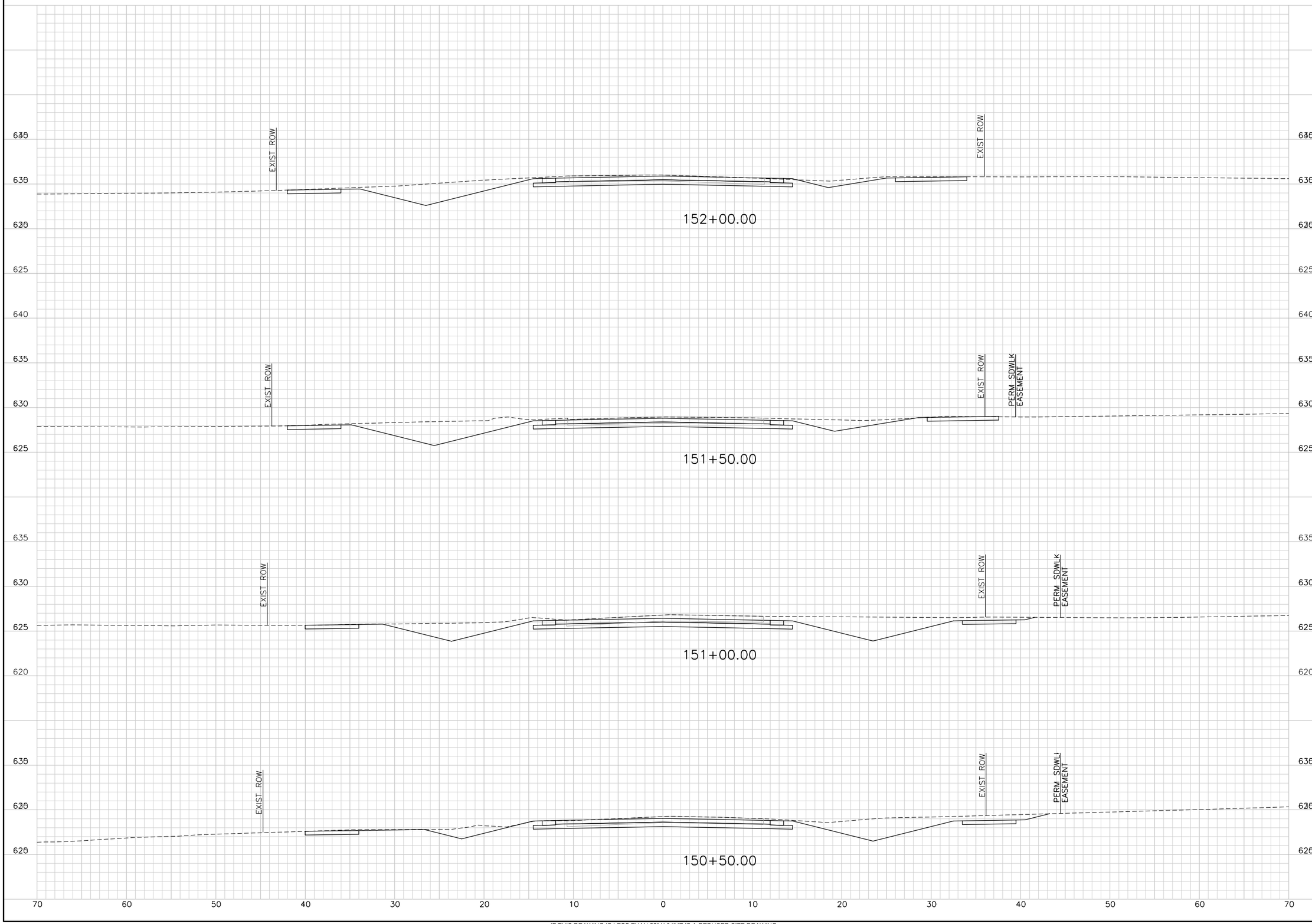
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-15



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO:	P202130124
SCALE:	1" = 10'
DATE:	$DATE$
DESIGNED BY:	JWZ
DRAWN BY:	KAB
CHECKED BY:	CGG

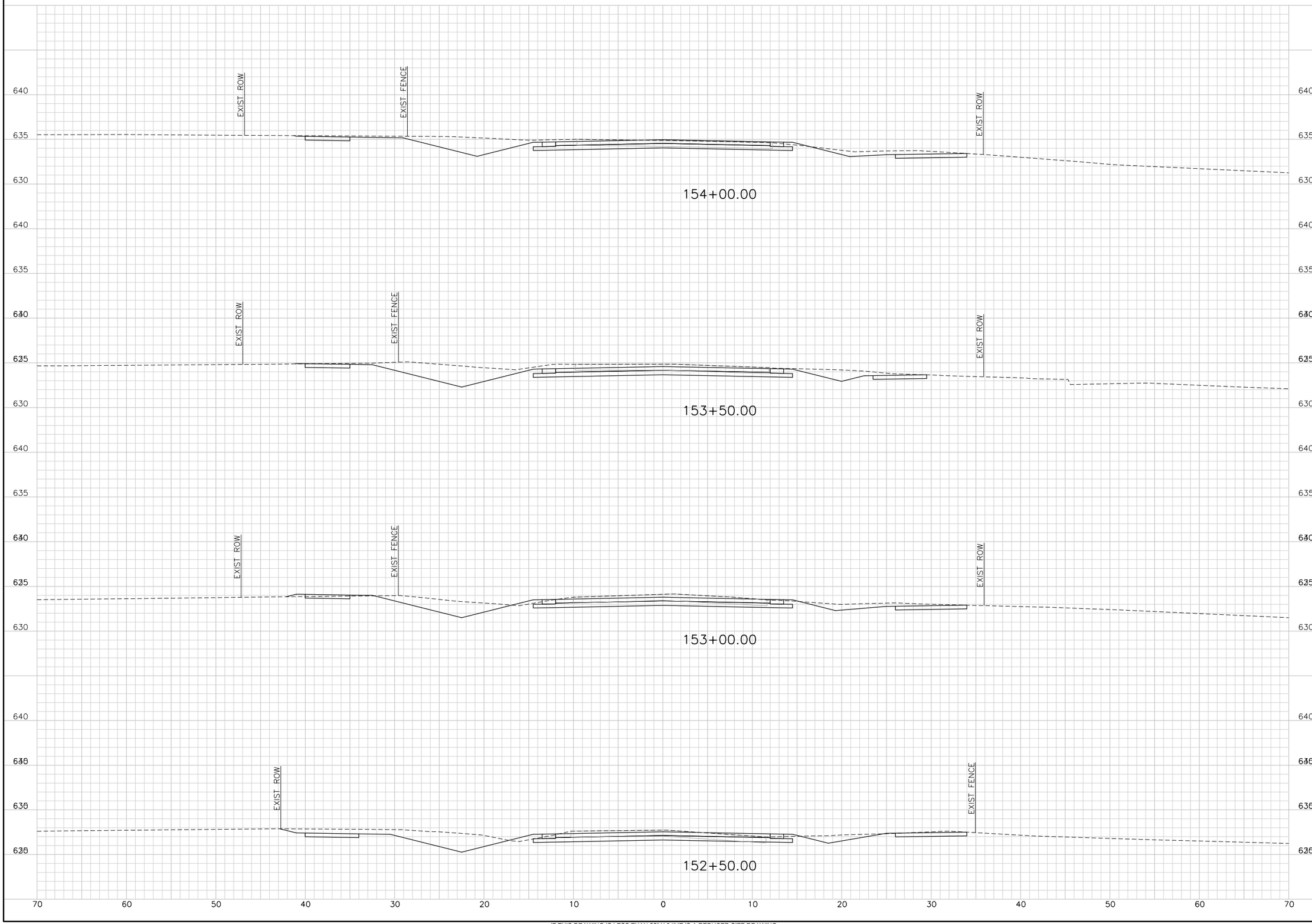
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-16

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

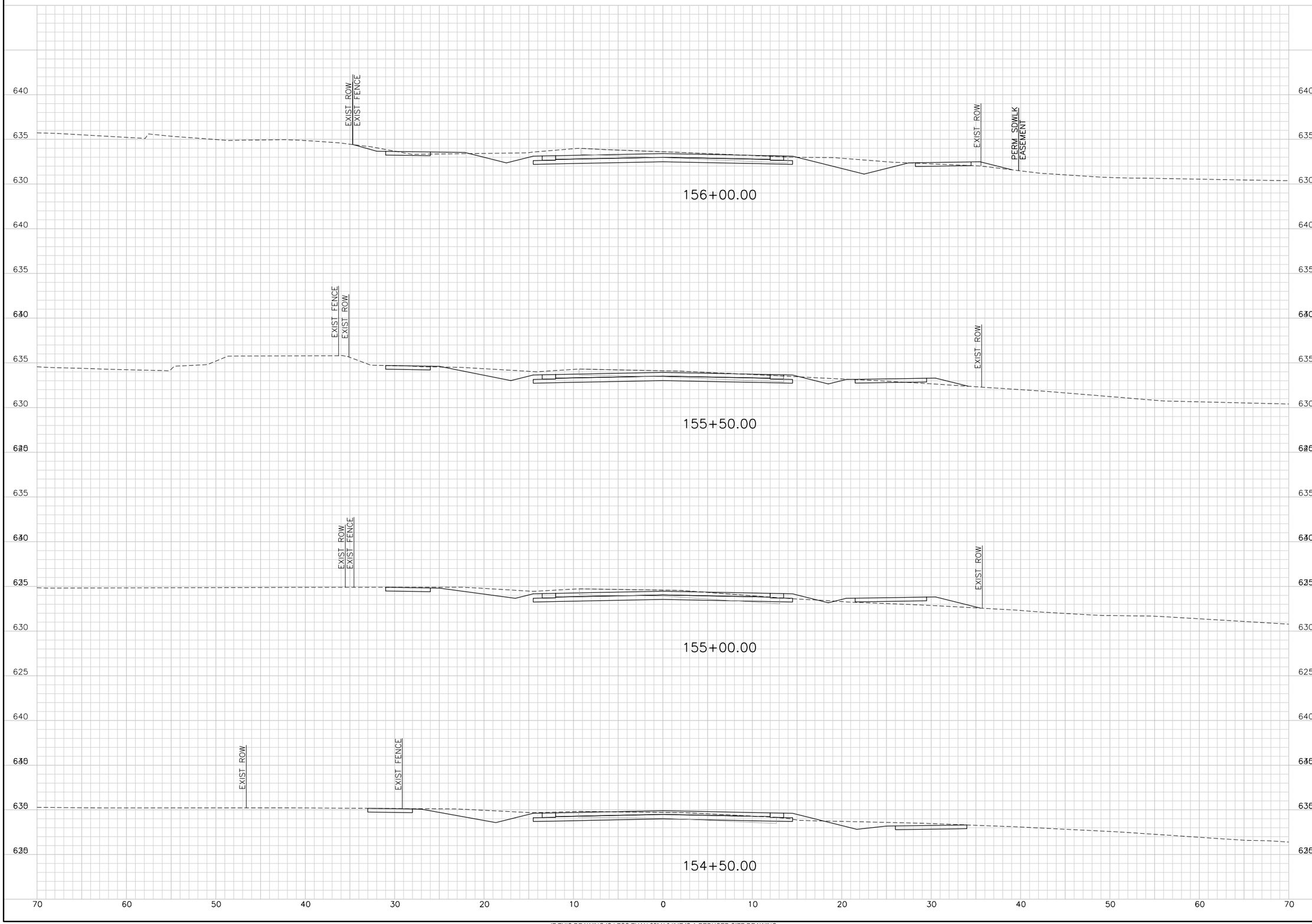
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-17

$USER$
$DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

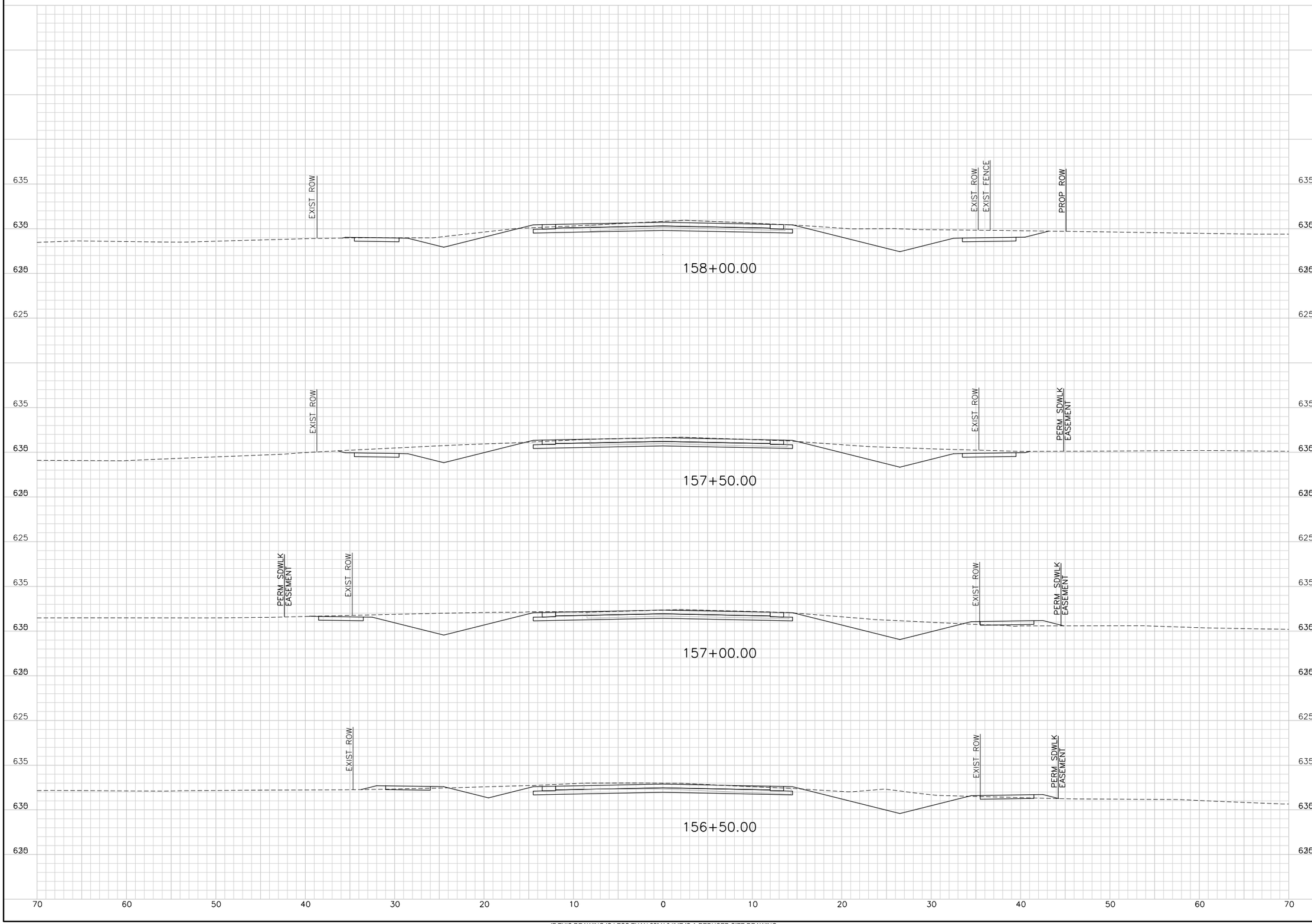
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-18

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

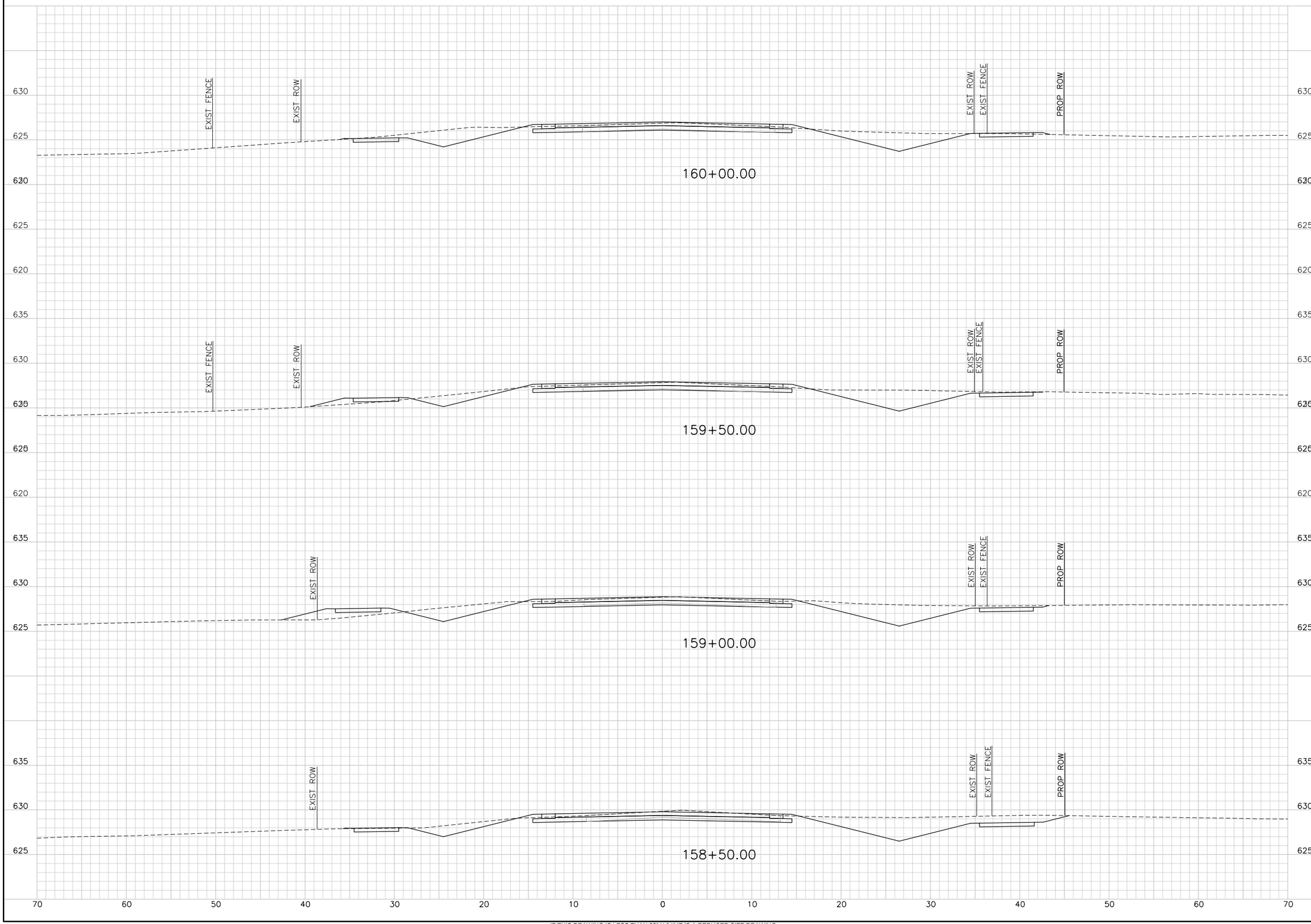
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-19

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-20

$USER$ $DATE$ - $TIME$ - $FILE$

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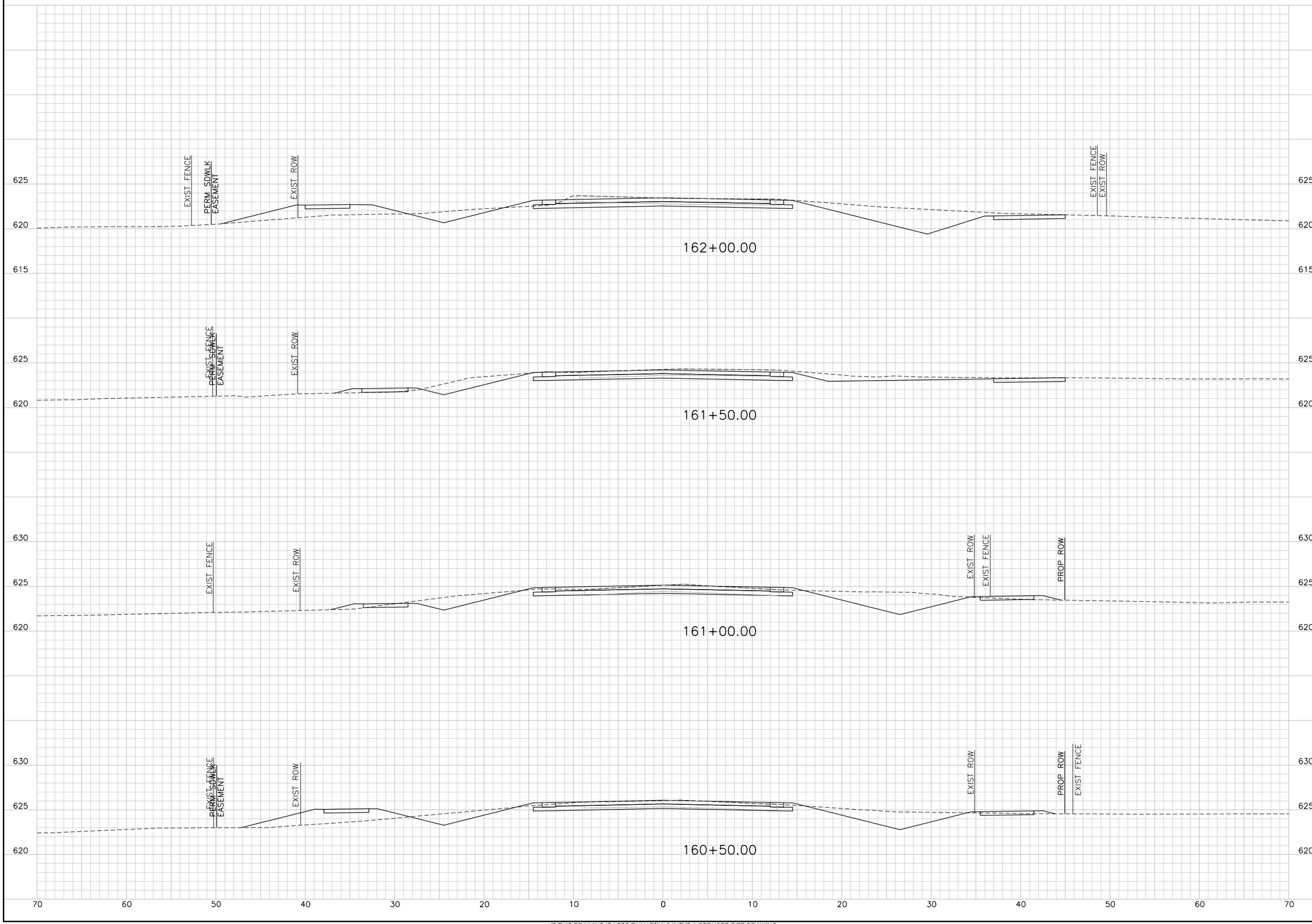

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$USER$ $DATE$ - $TIME$ - $FILE$

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REVISIONS:

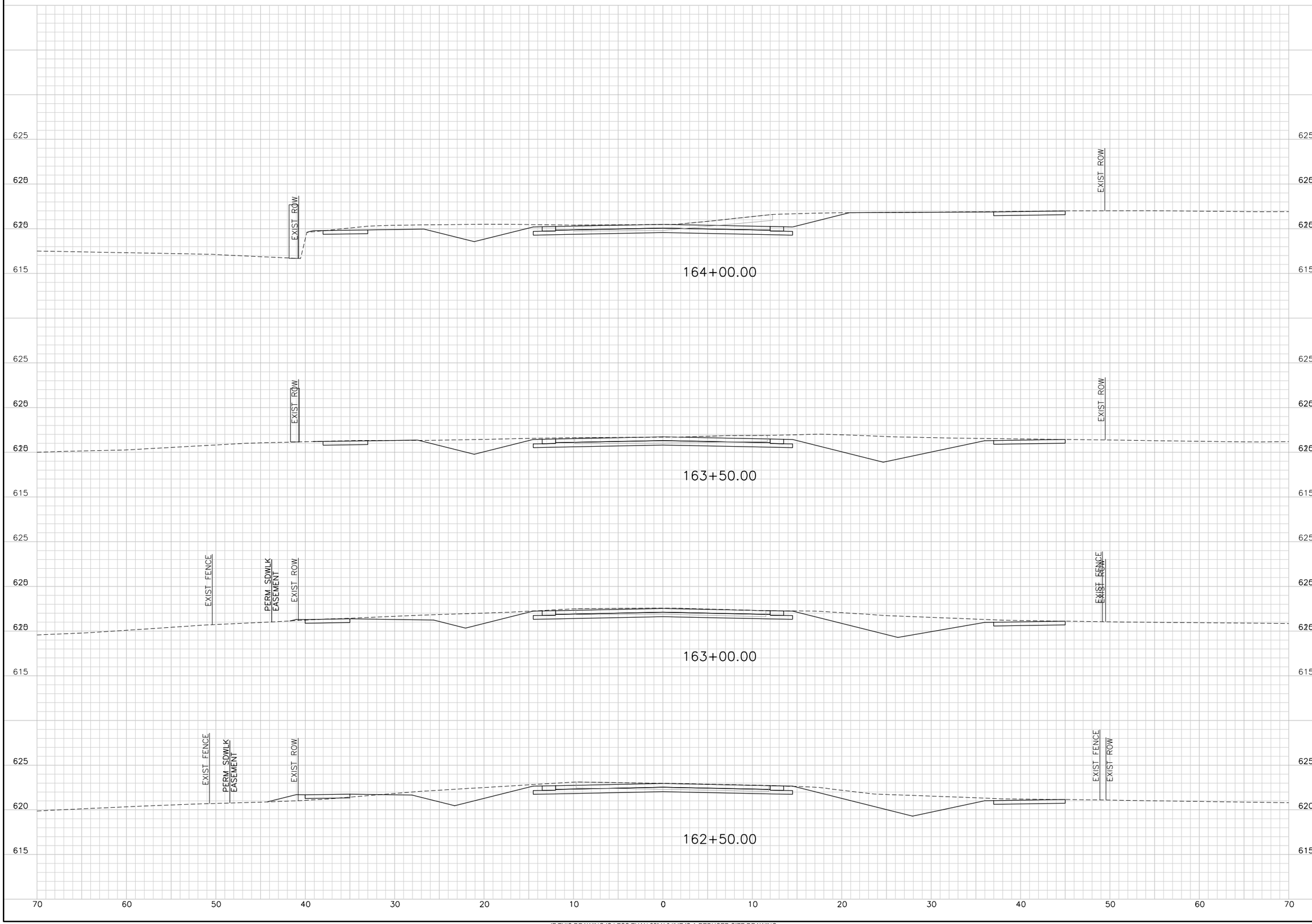
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-21



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-22

$USER$ $DATE$ - $TIME$ - $FILE$

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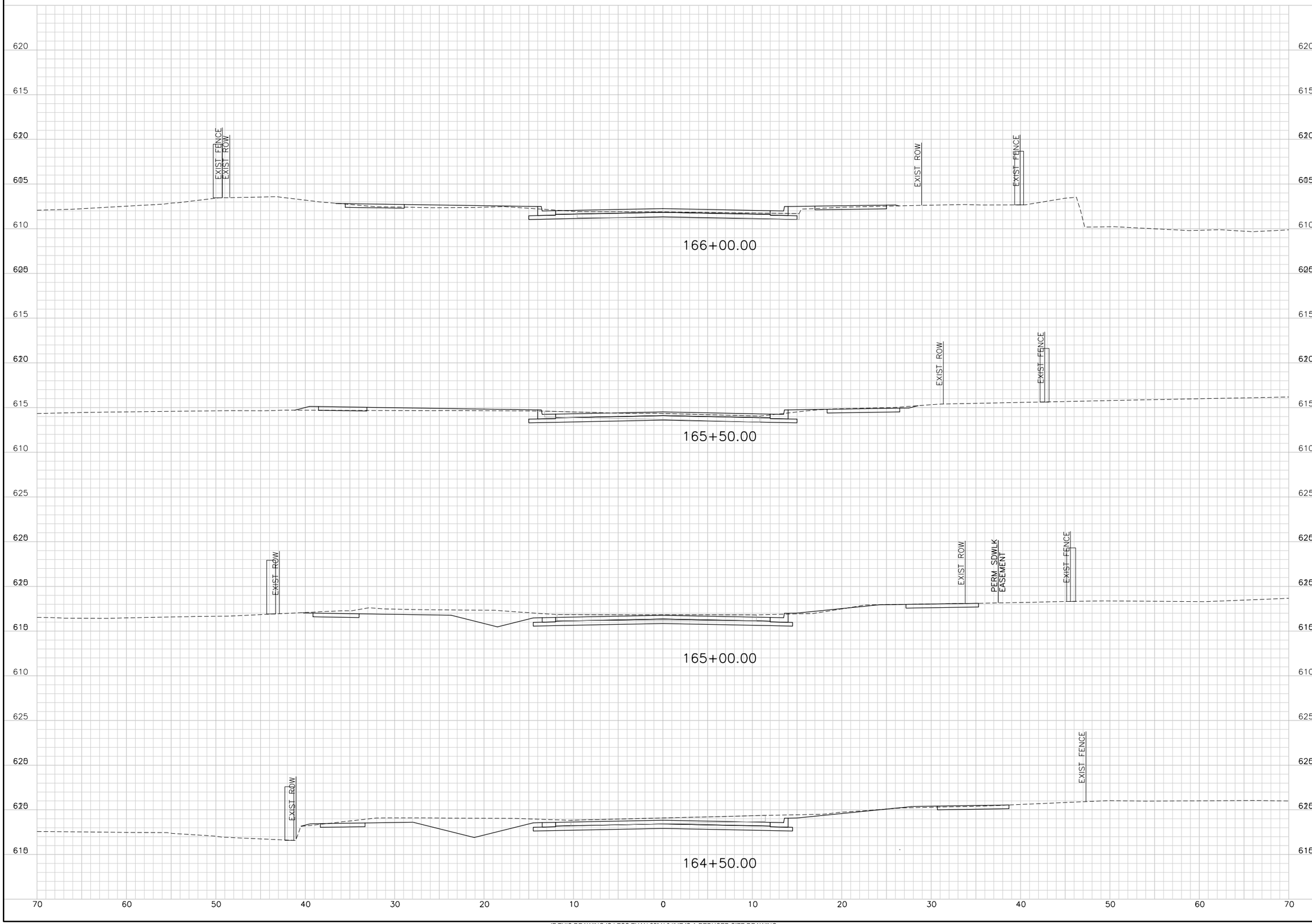

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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-23

$USER$ $DATE$ - $TIME$ - $FILE$

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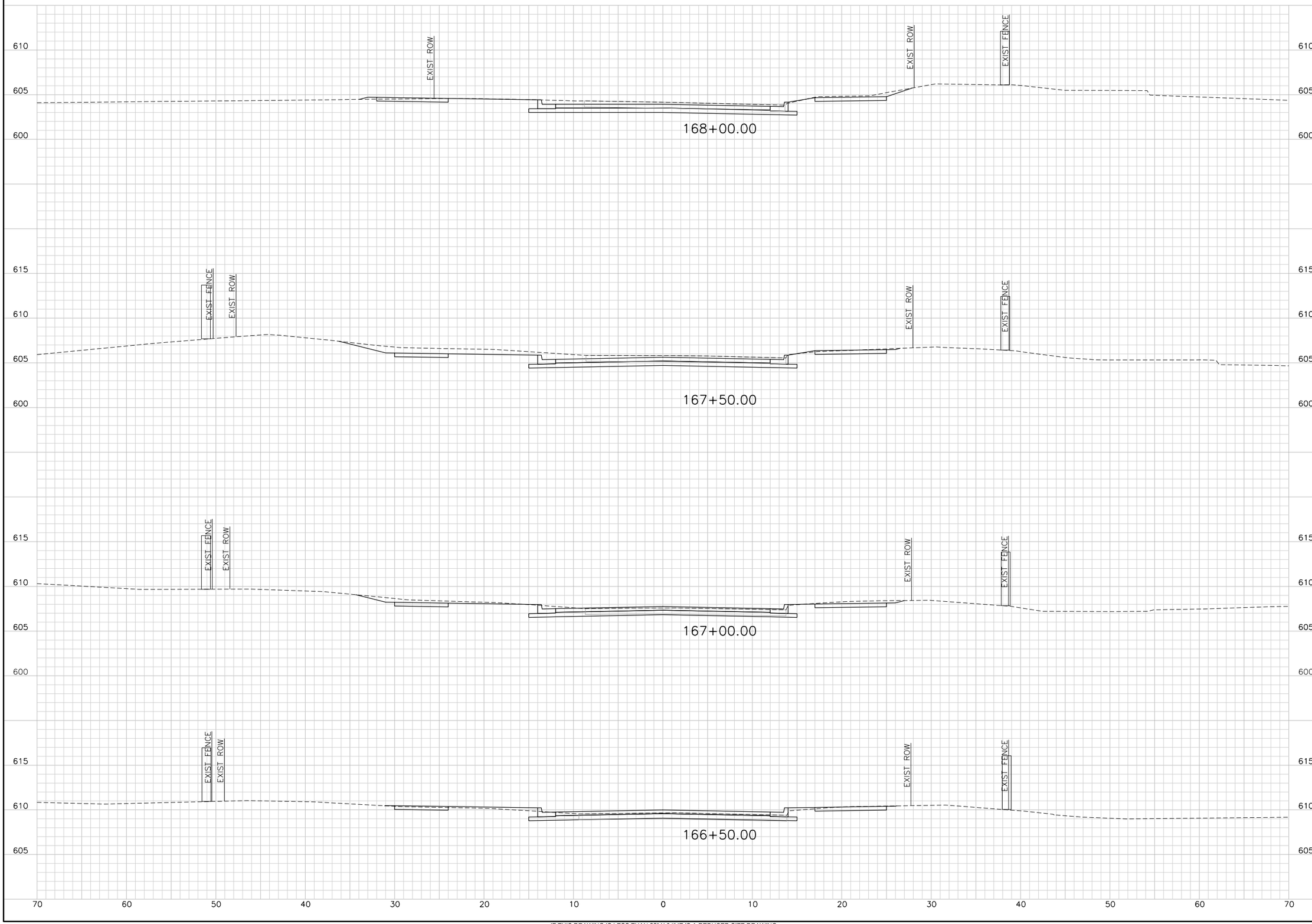

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

$USER$ $DATE$ - $TIME$ - $FILE$

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CITY OF COLLEYVILLE TEXAS

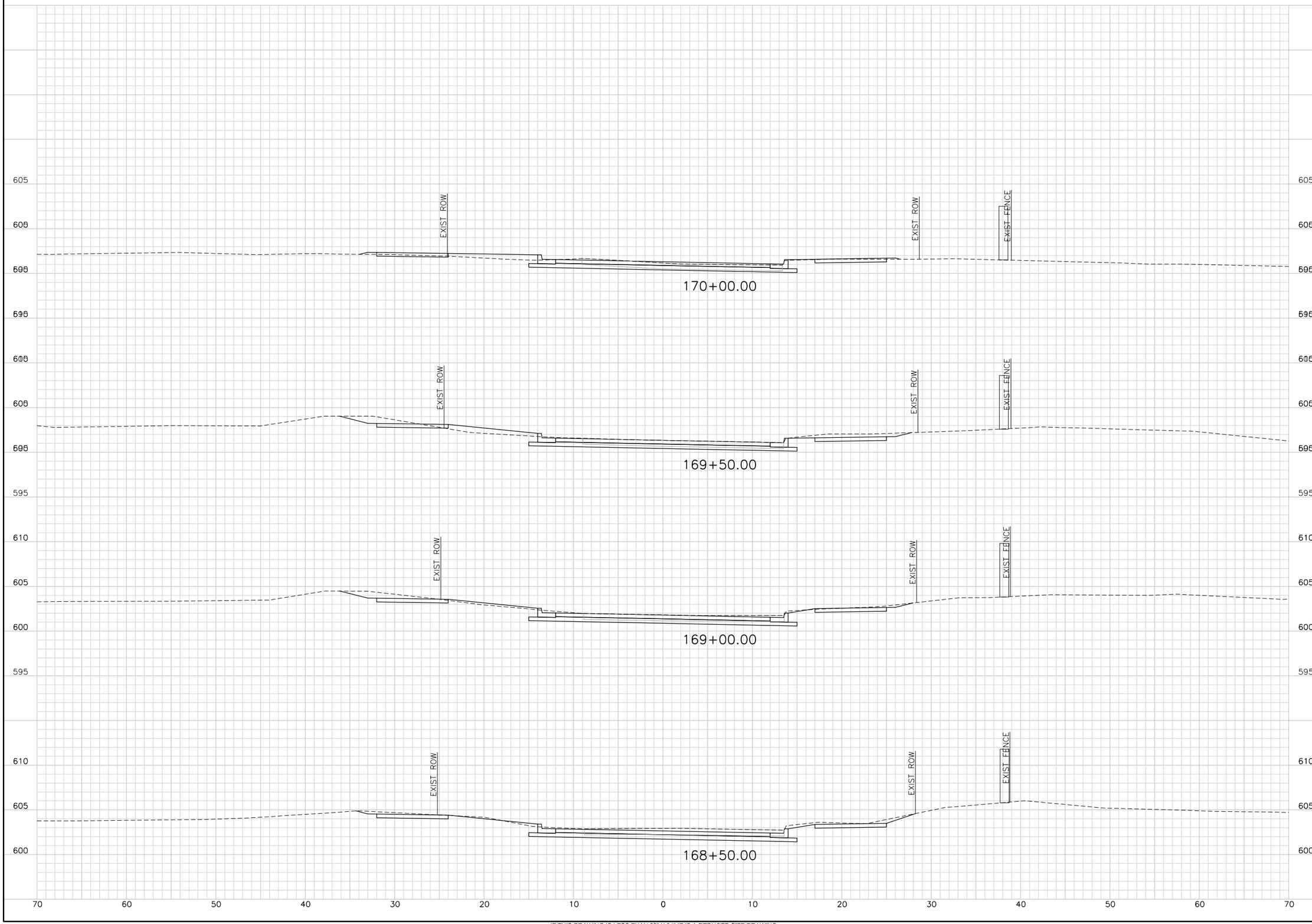
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-24



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-25

$USER$ $DATE$ - $TIME$ - $FILE$

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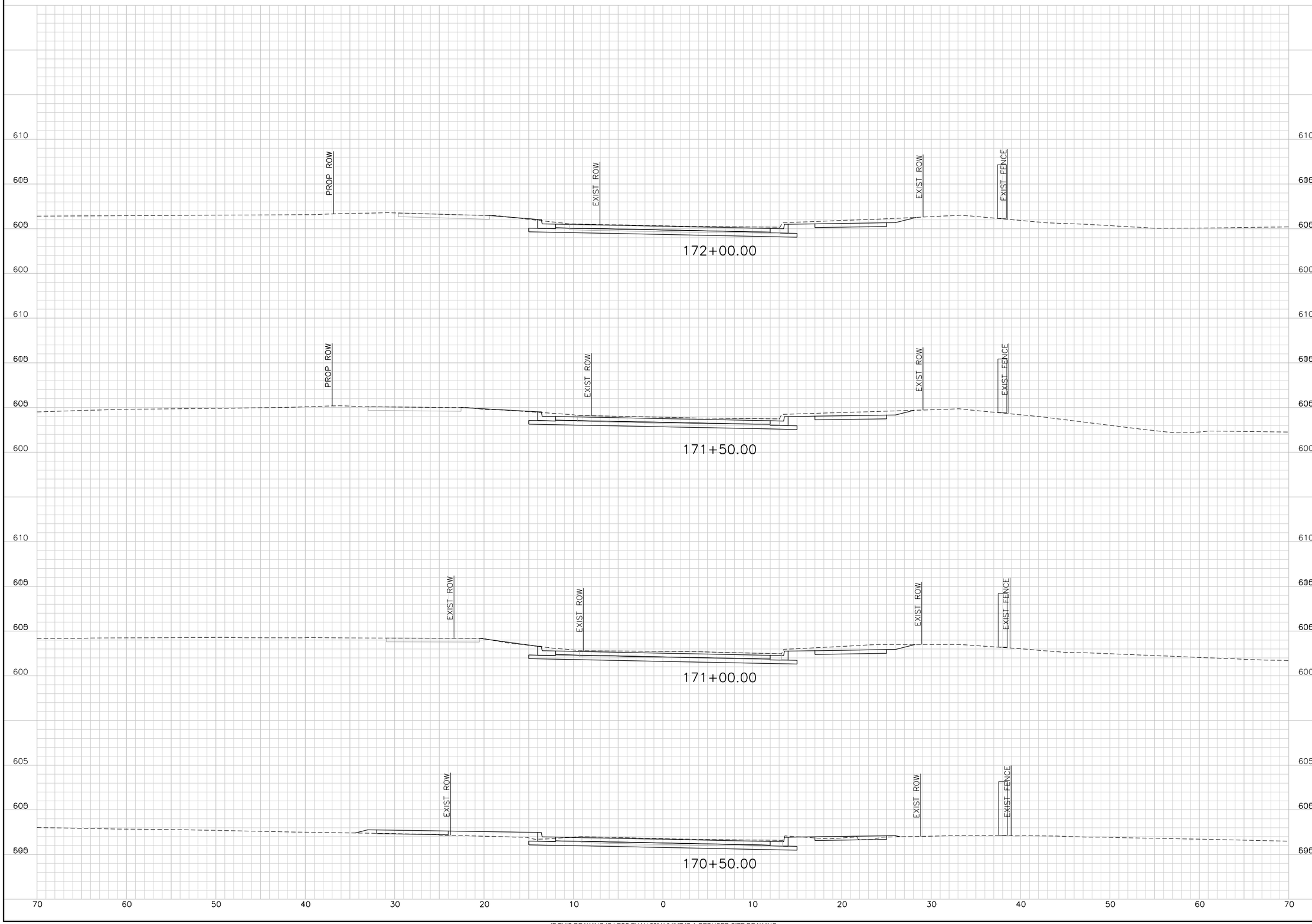

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

$USER$ $DATE$ - $TIME$ - $FILE$

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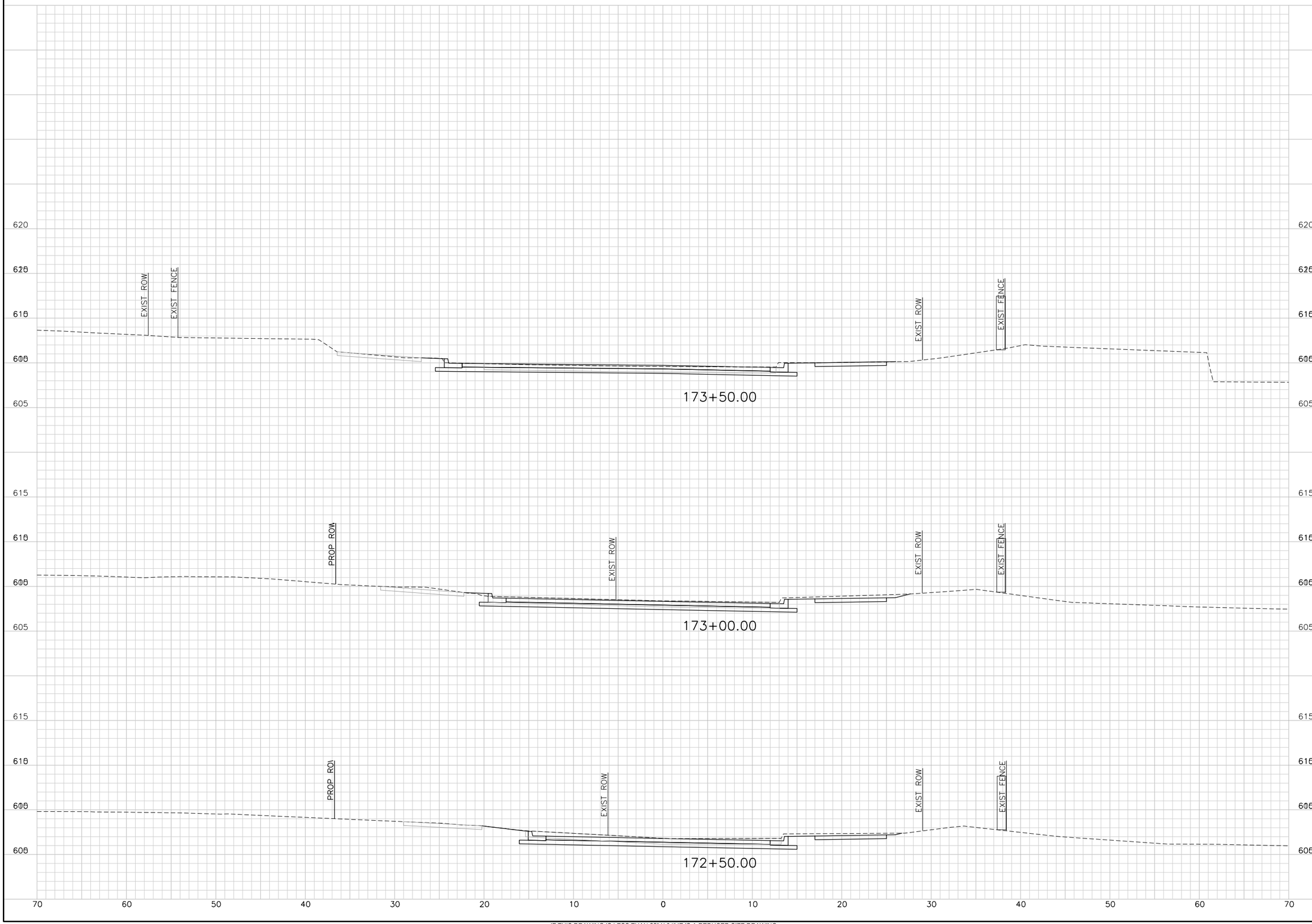
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-26



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 1-27

$USER$ $DATE$ - $TIME$ - $FILE$

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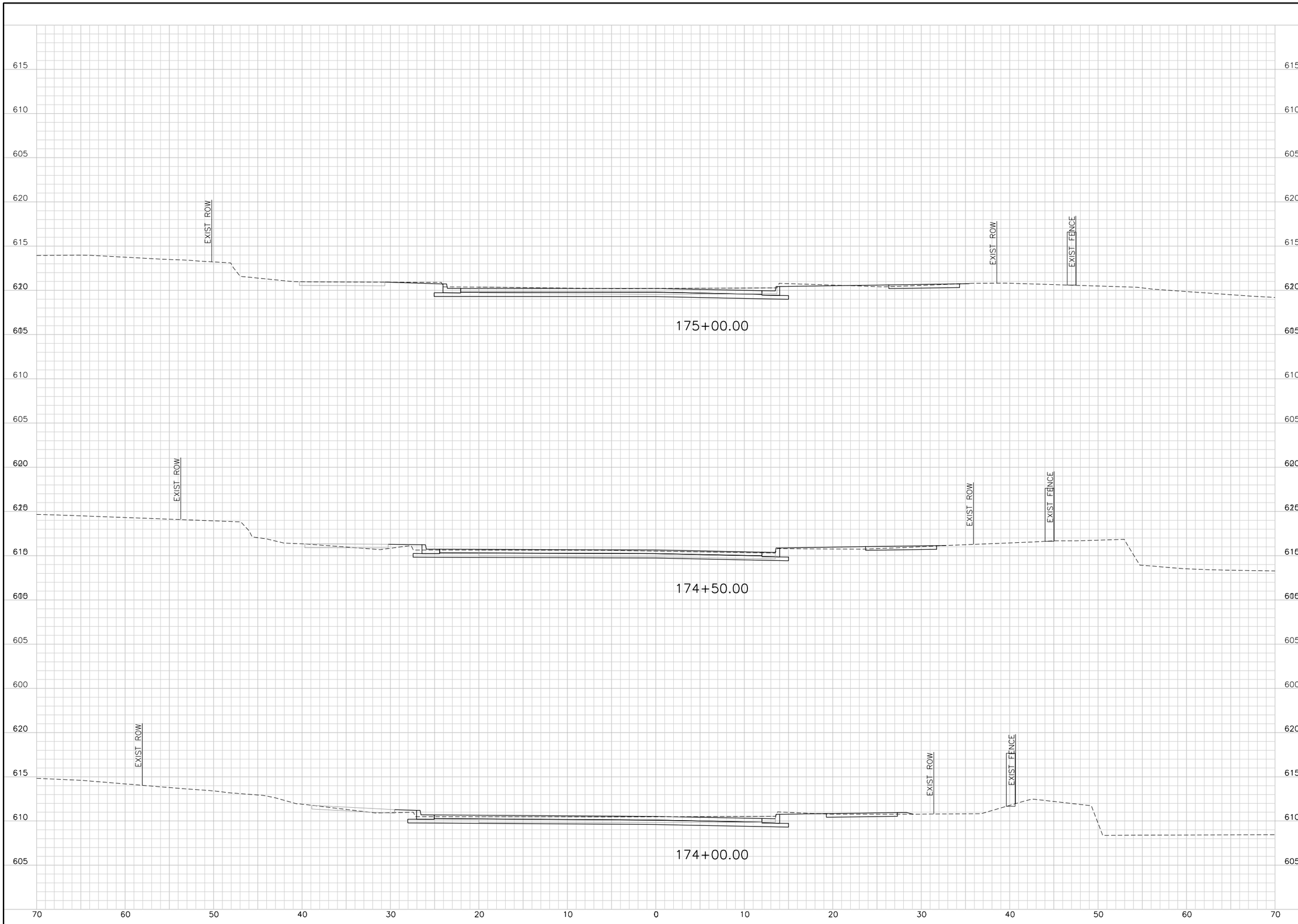

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$USER$ $DATE$ - $TIME$ - $FILE$

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REVISIONS:

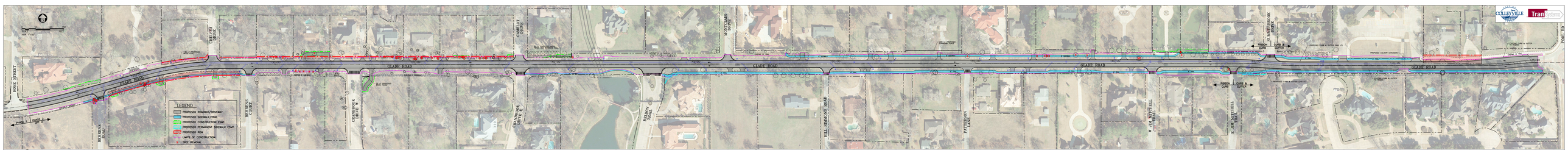
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

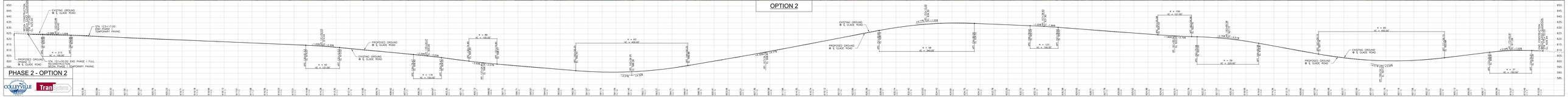
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

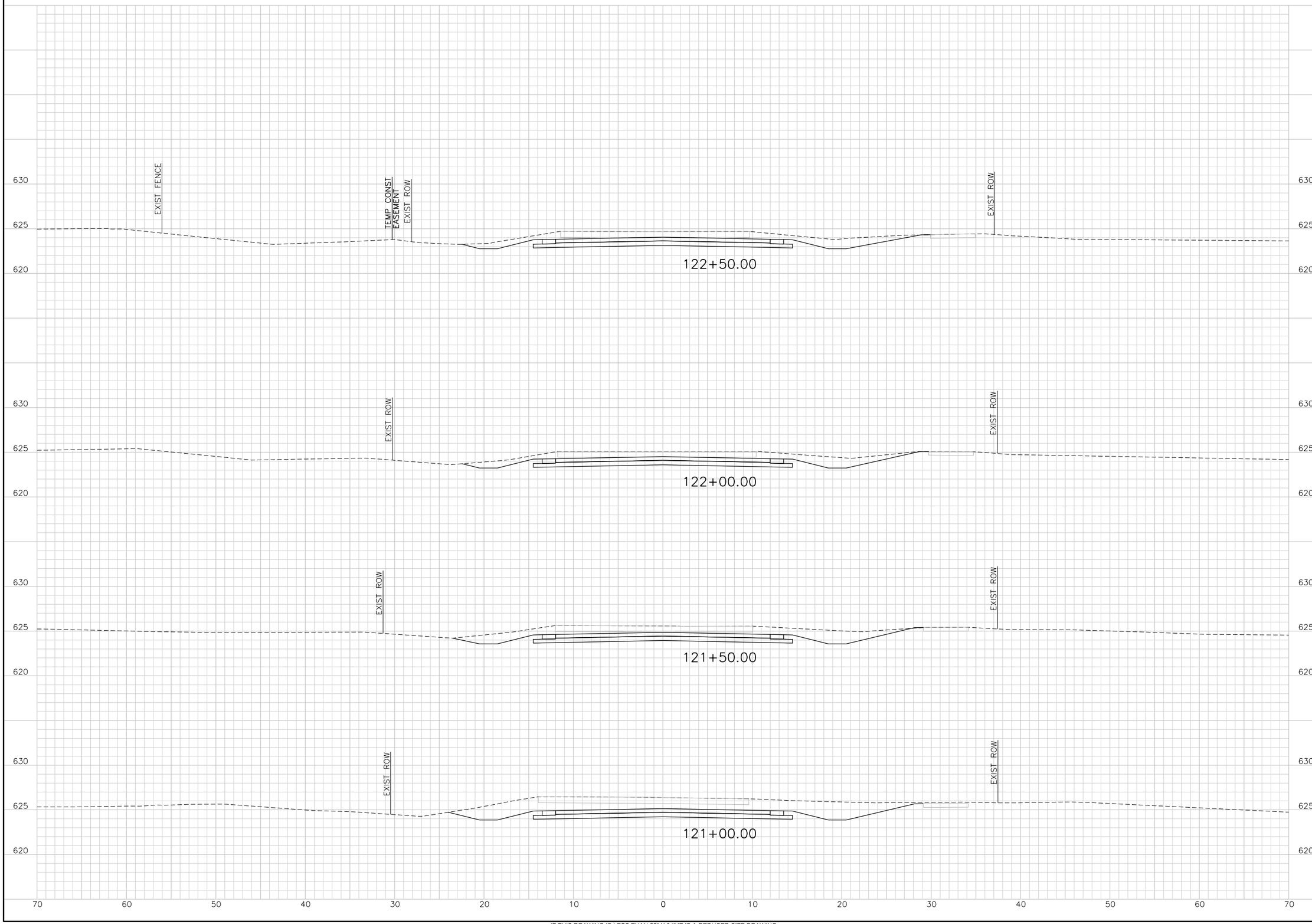
SHEET NO.
C-RDW-802-OPT 1-28



OPTION 2



PHASE 2 - OPTION 2



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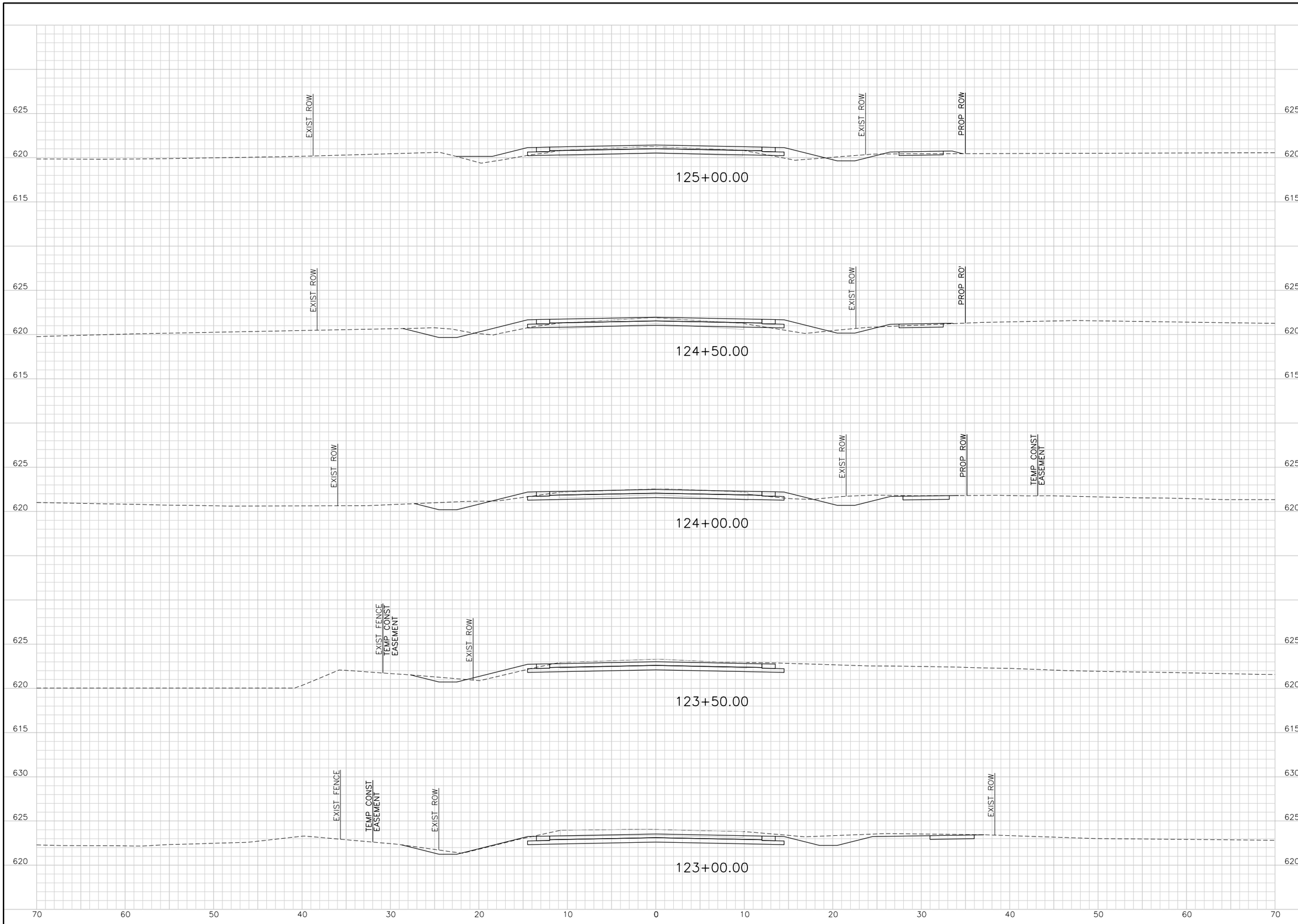
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-1



$USER$
$DATE$ - $TIME$ - $FILE$

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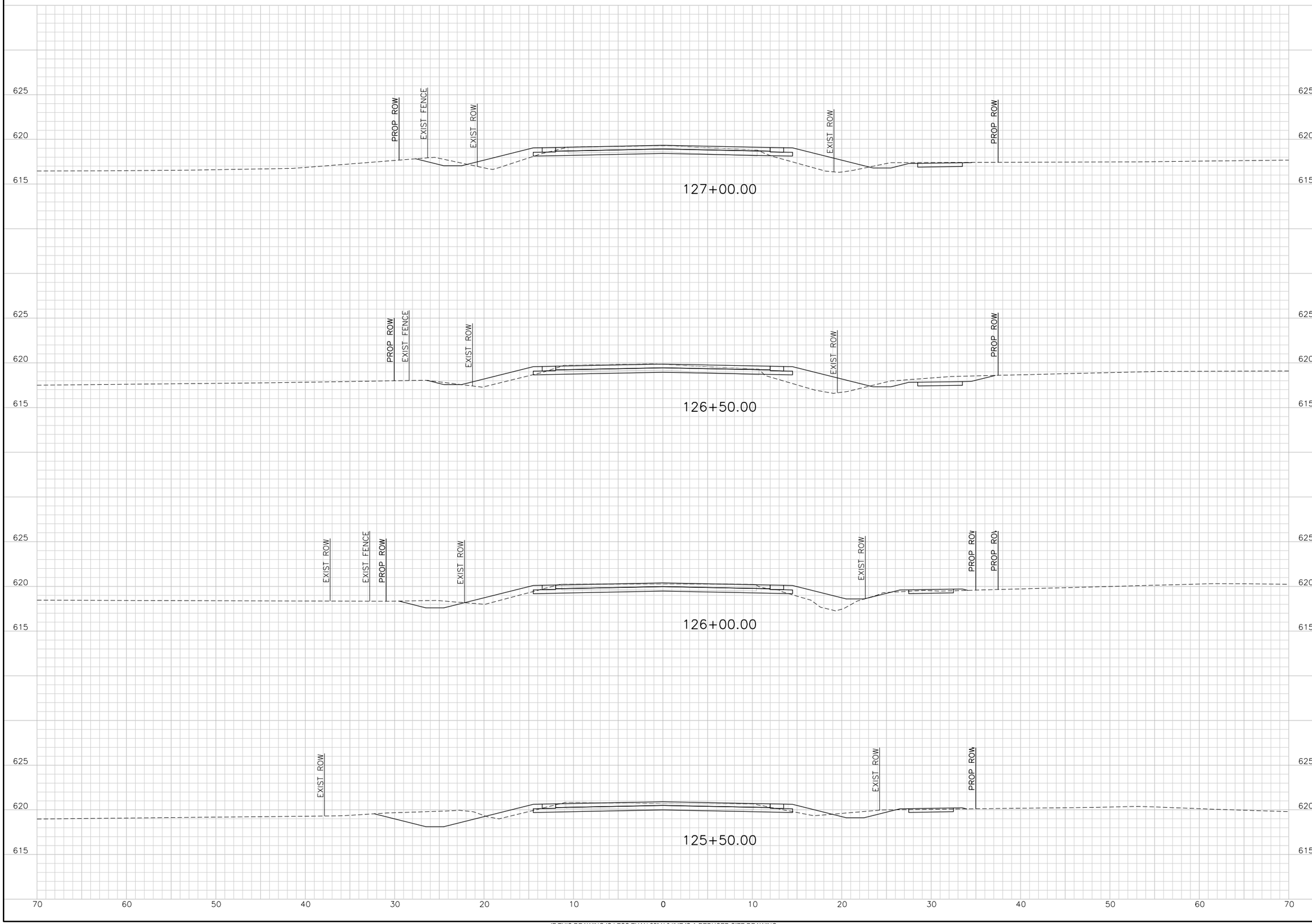
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-2



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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-3

$USER$ $DATE$ - $TIME$ - $FILE$

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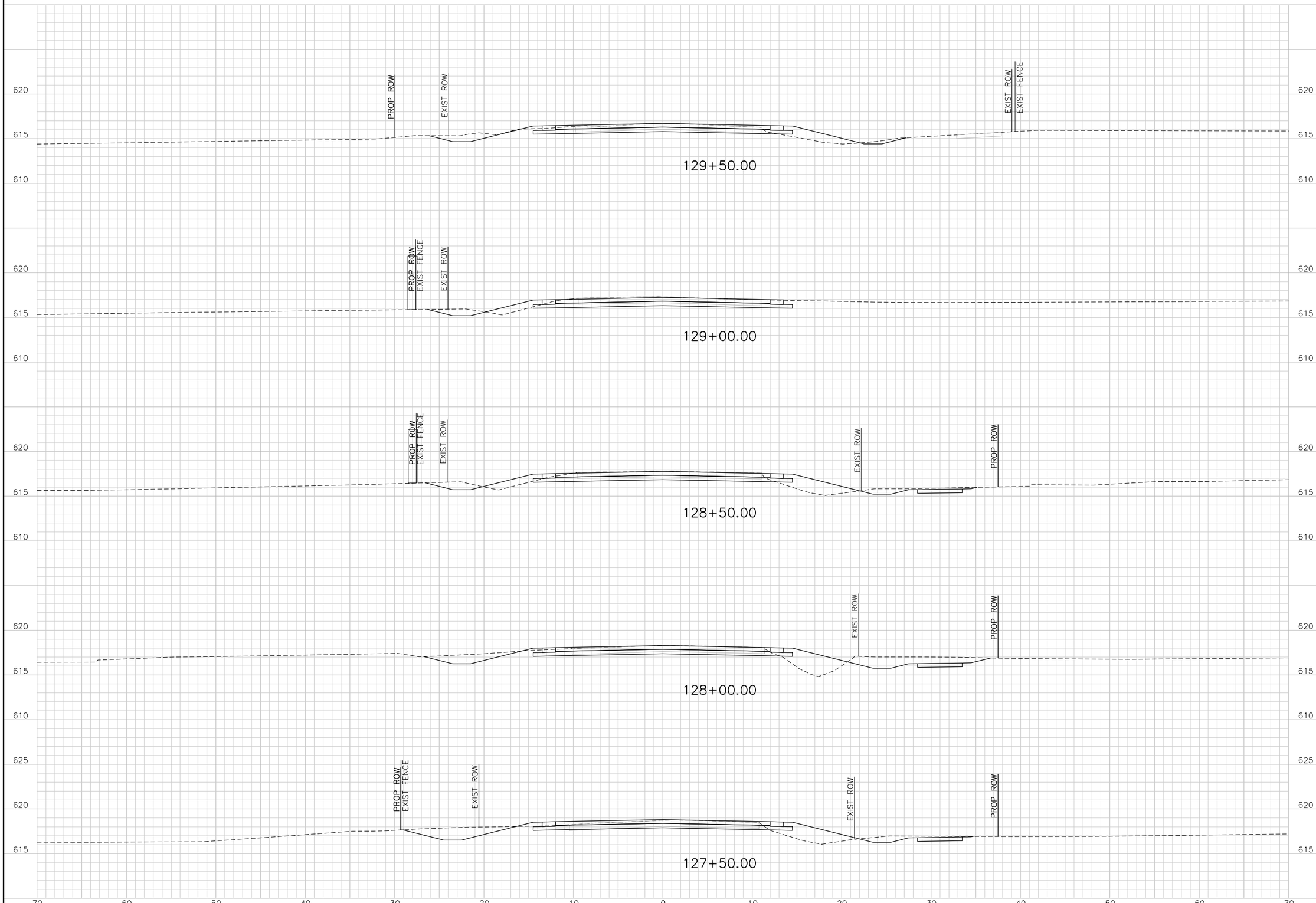

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SUITE 1100
FORT WORTH, TX 76102
PHONE: 817-339-8850
FAX: 817-335-2247

CONSULTANTS:

GLADE ROAD PROJECT
PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

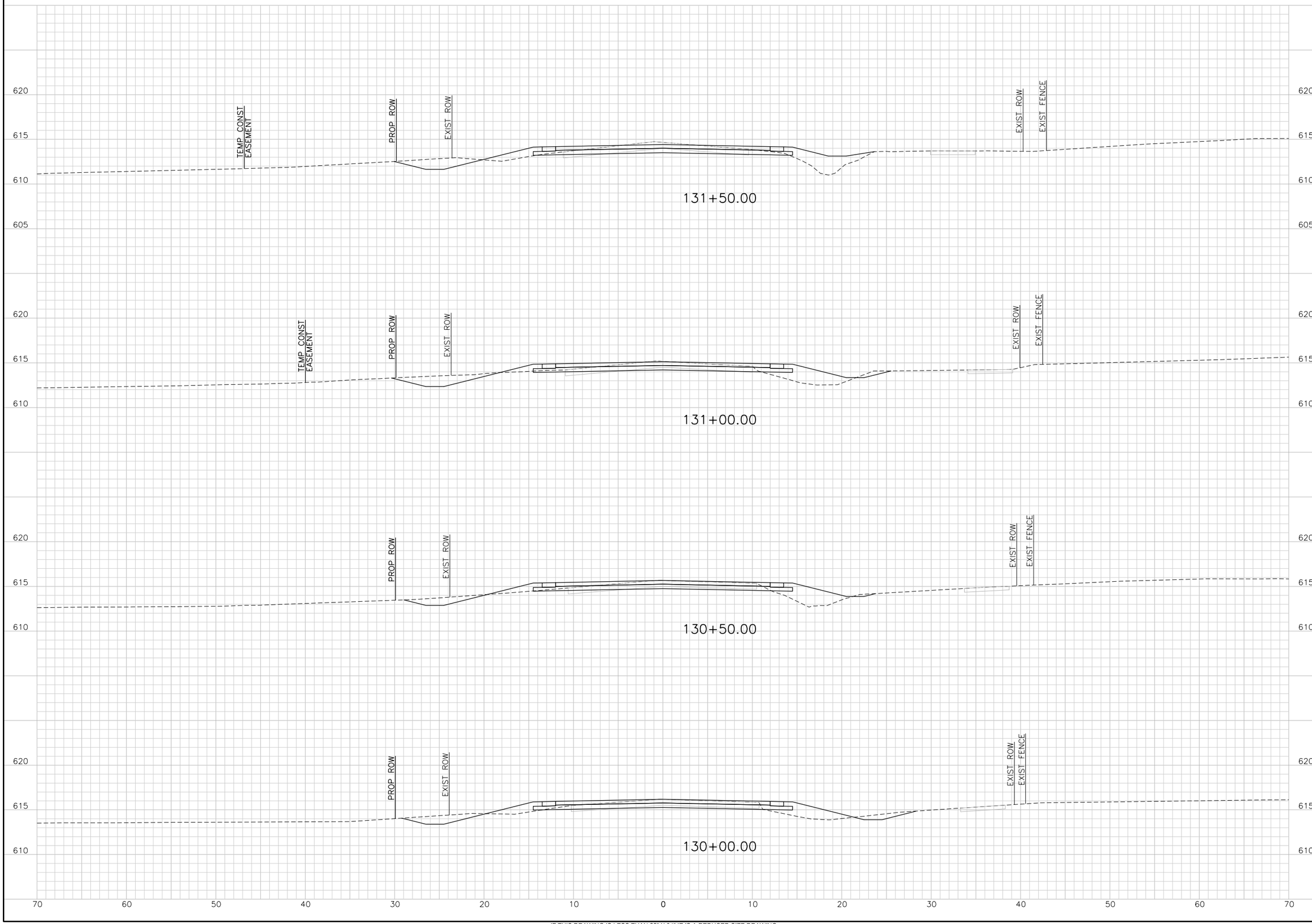
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-4

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

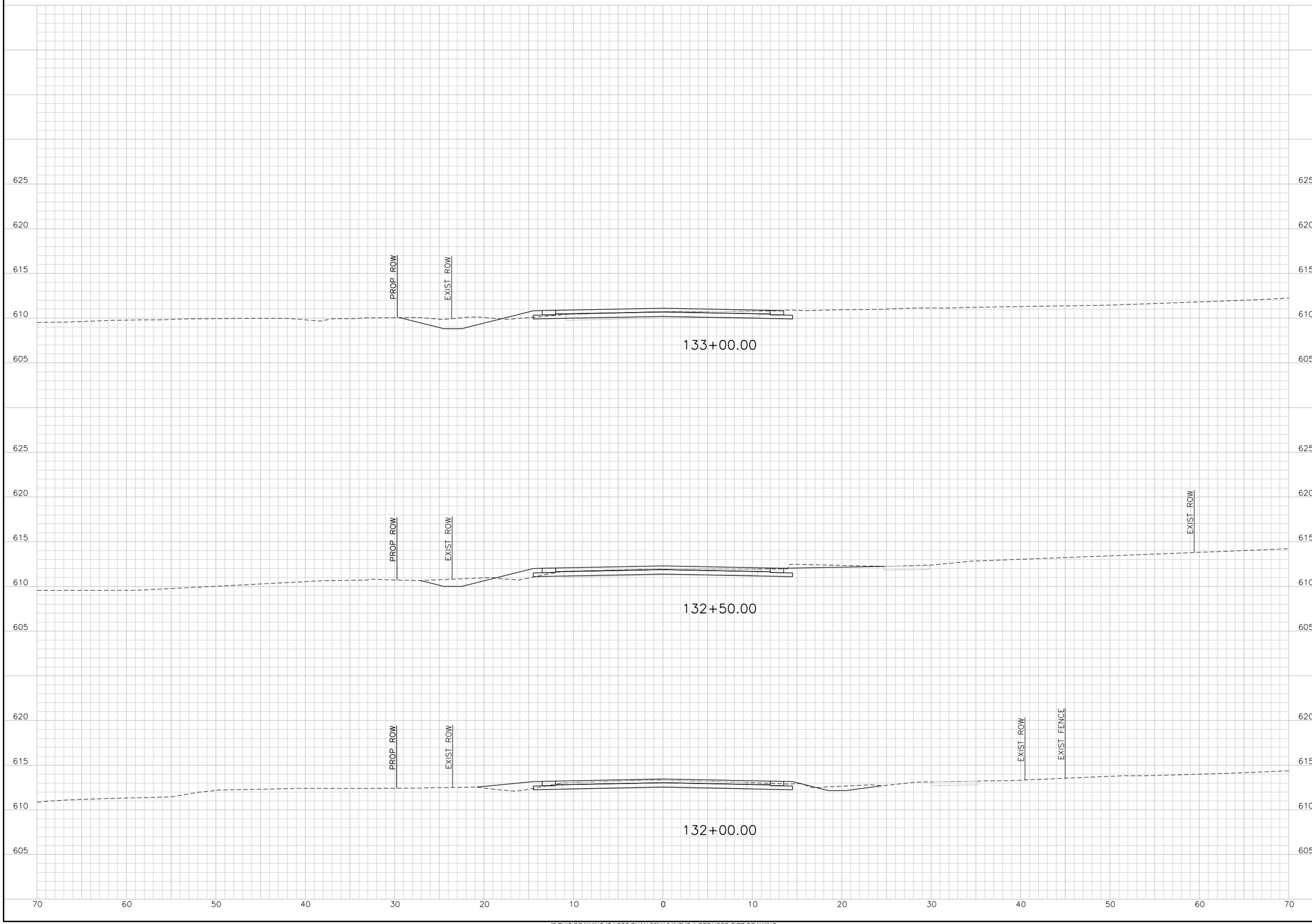
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-5



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PHASE I
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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

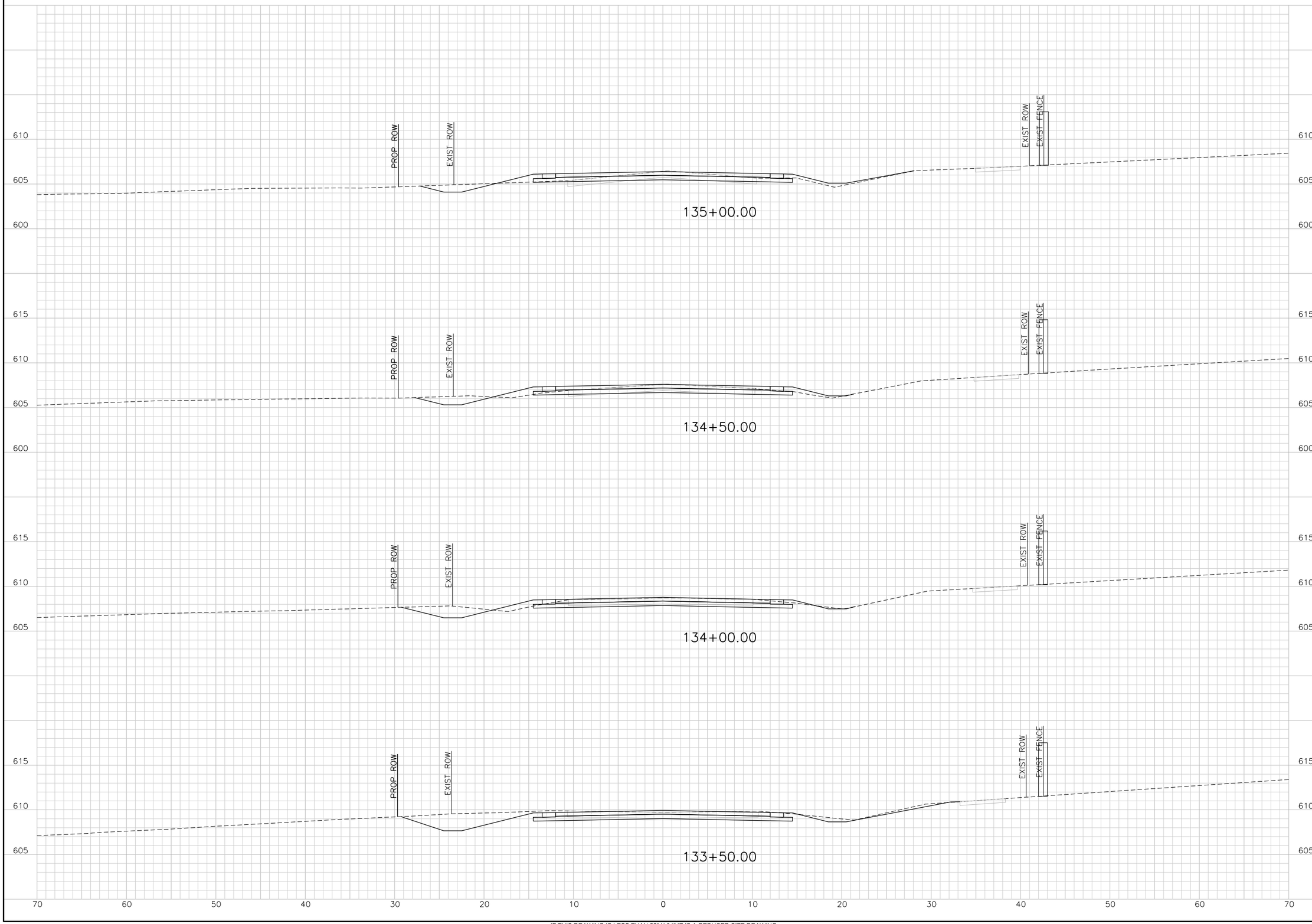
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-6

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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$USER$ $DATE$ - $TIME$ - $FILE$

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CITY OF COLLEYVILLE TEXAS

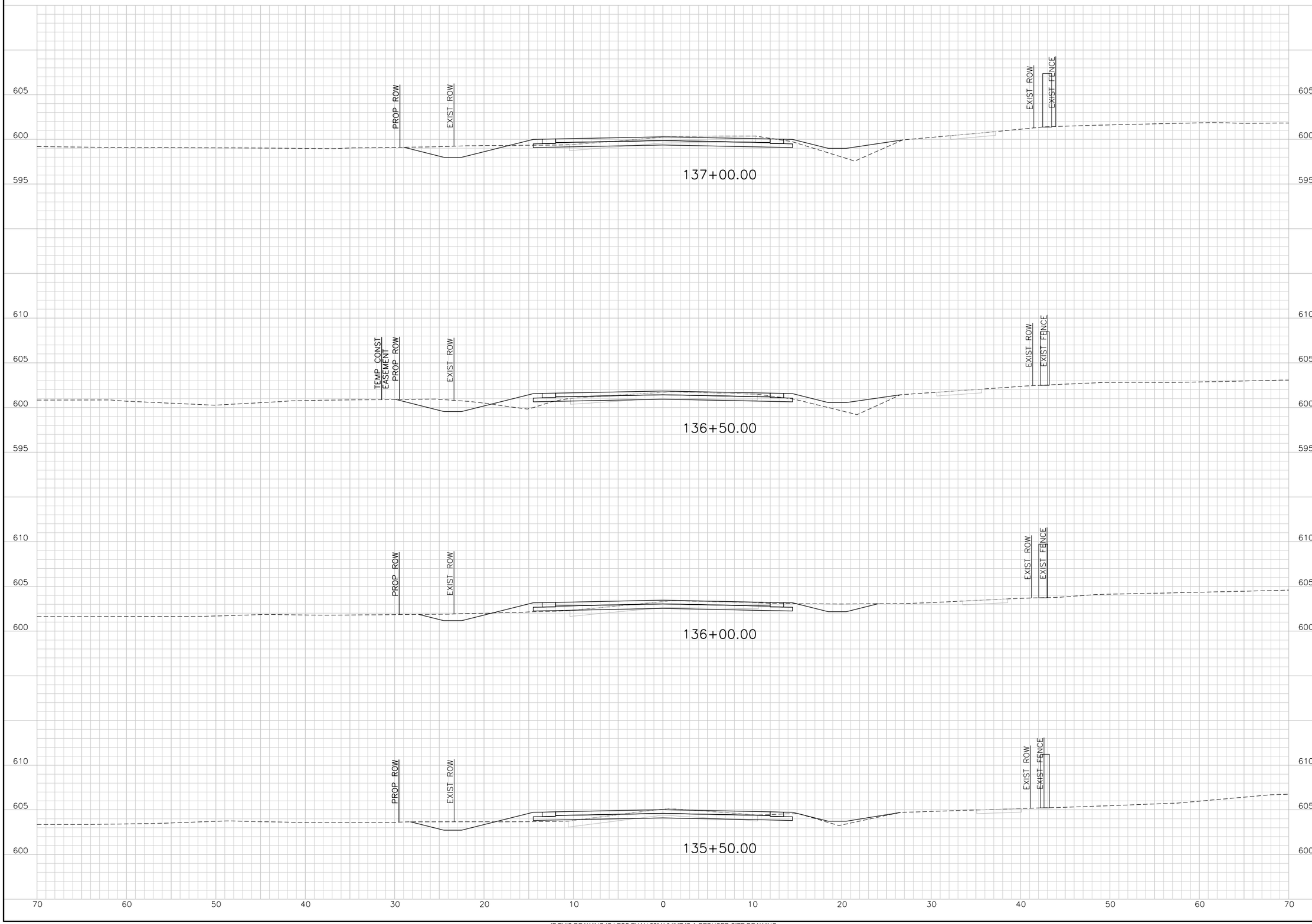
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-7



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CITY OF COLLEYVILLE TEXAS

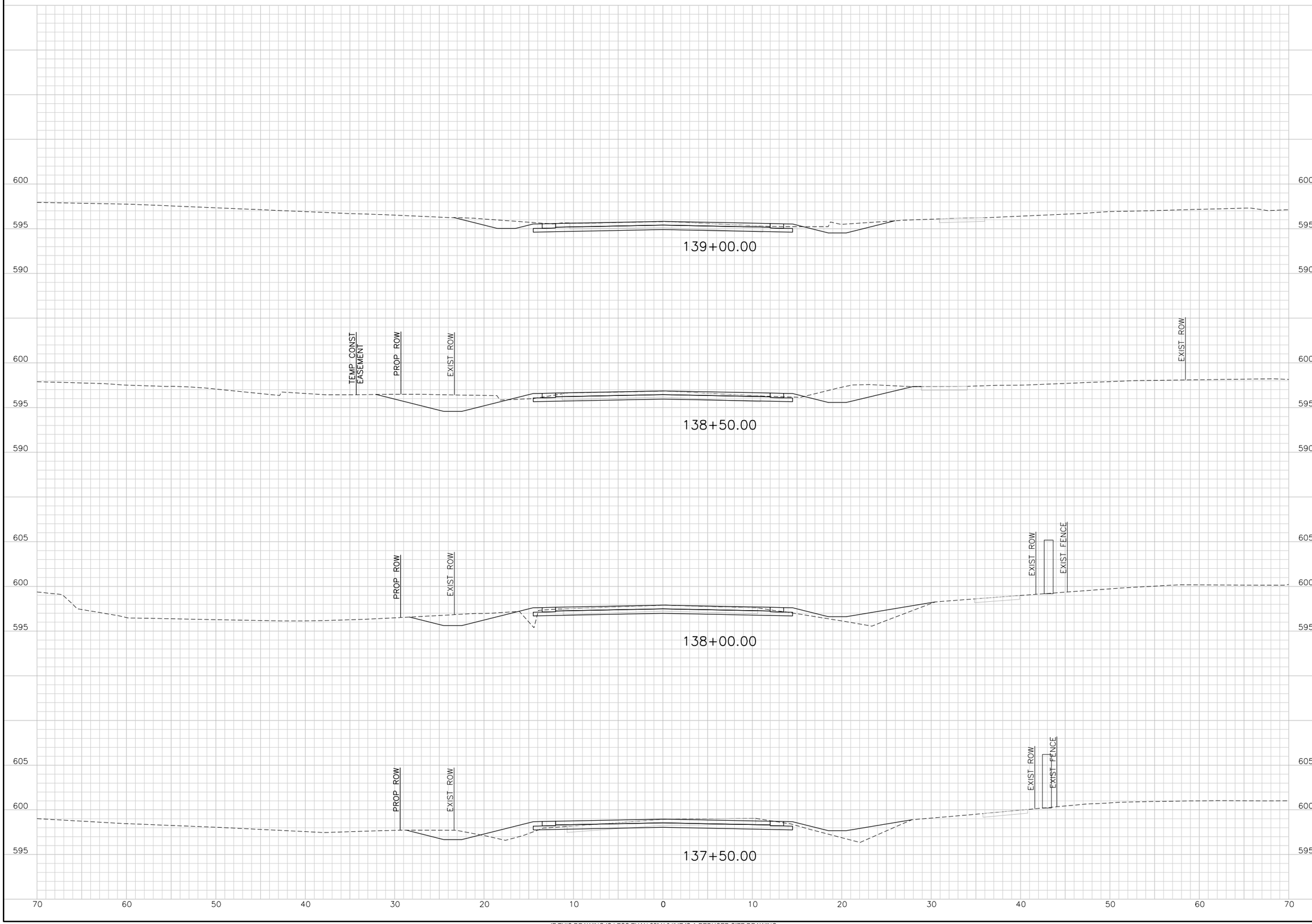
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-8



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$USER$ $DATE$ - $TIME$ - $FILE$

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CITY OF COLLEYVILLE TEXAS

REVISIONS:

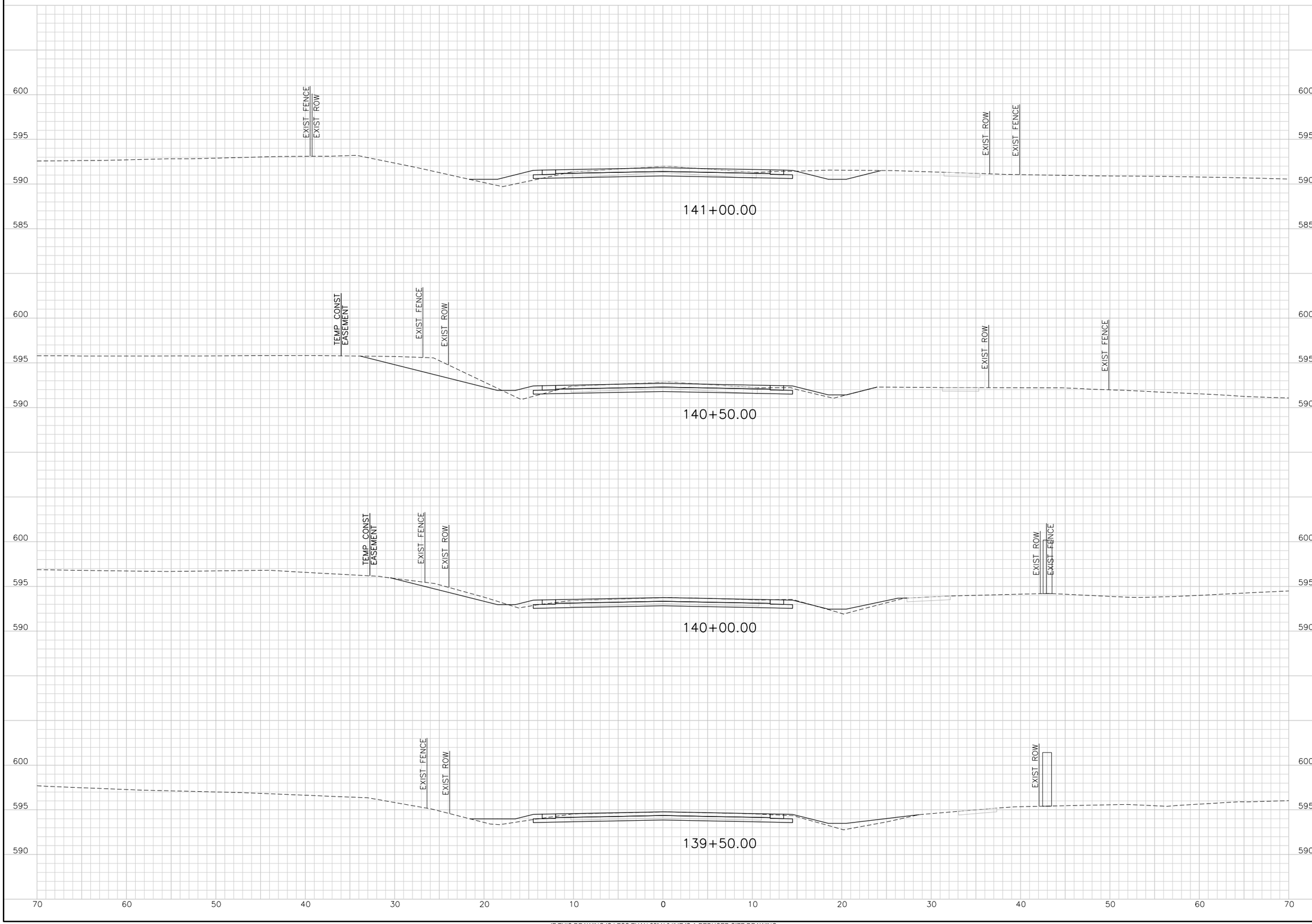
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-9



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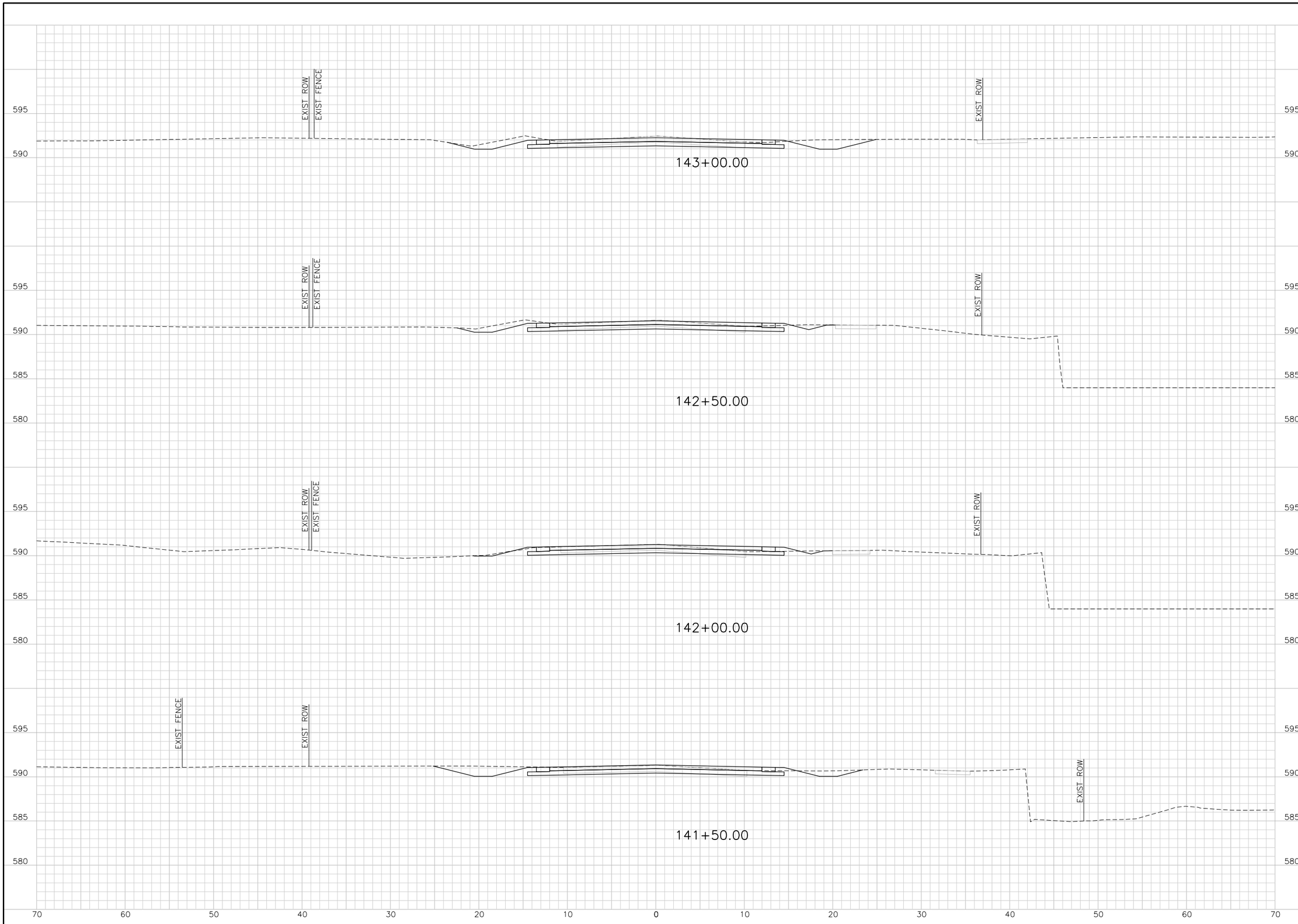
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-10



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PHASE I
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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-11

$USER$ $DATE$ - $TIME$ - $FILE$

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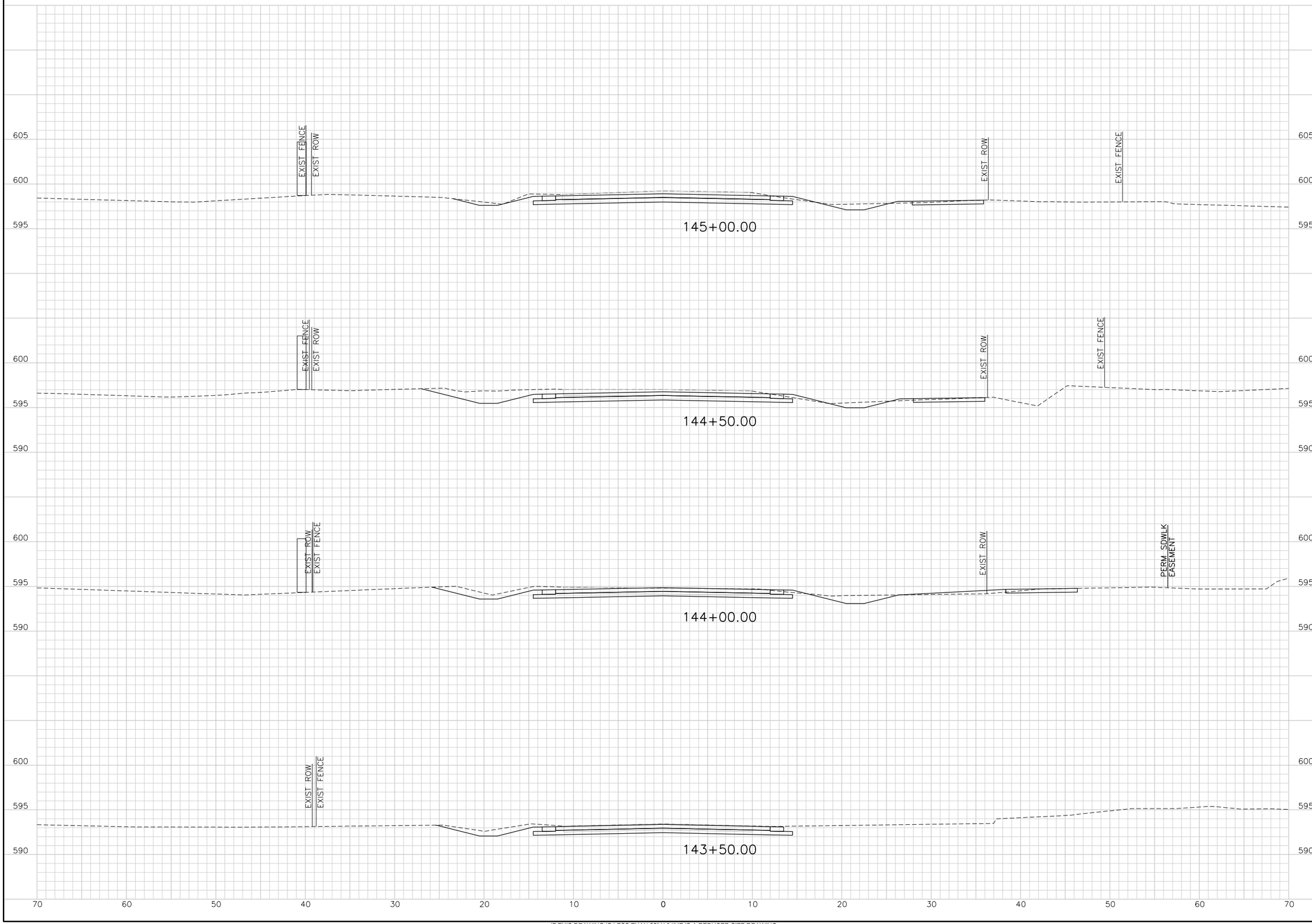

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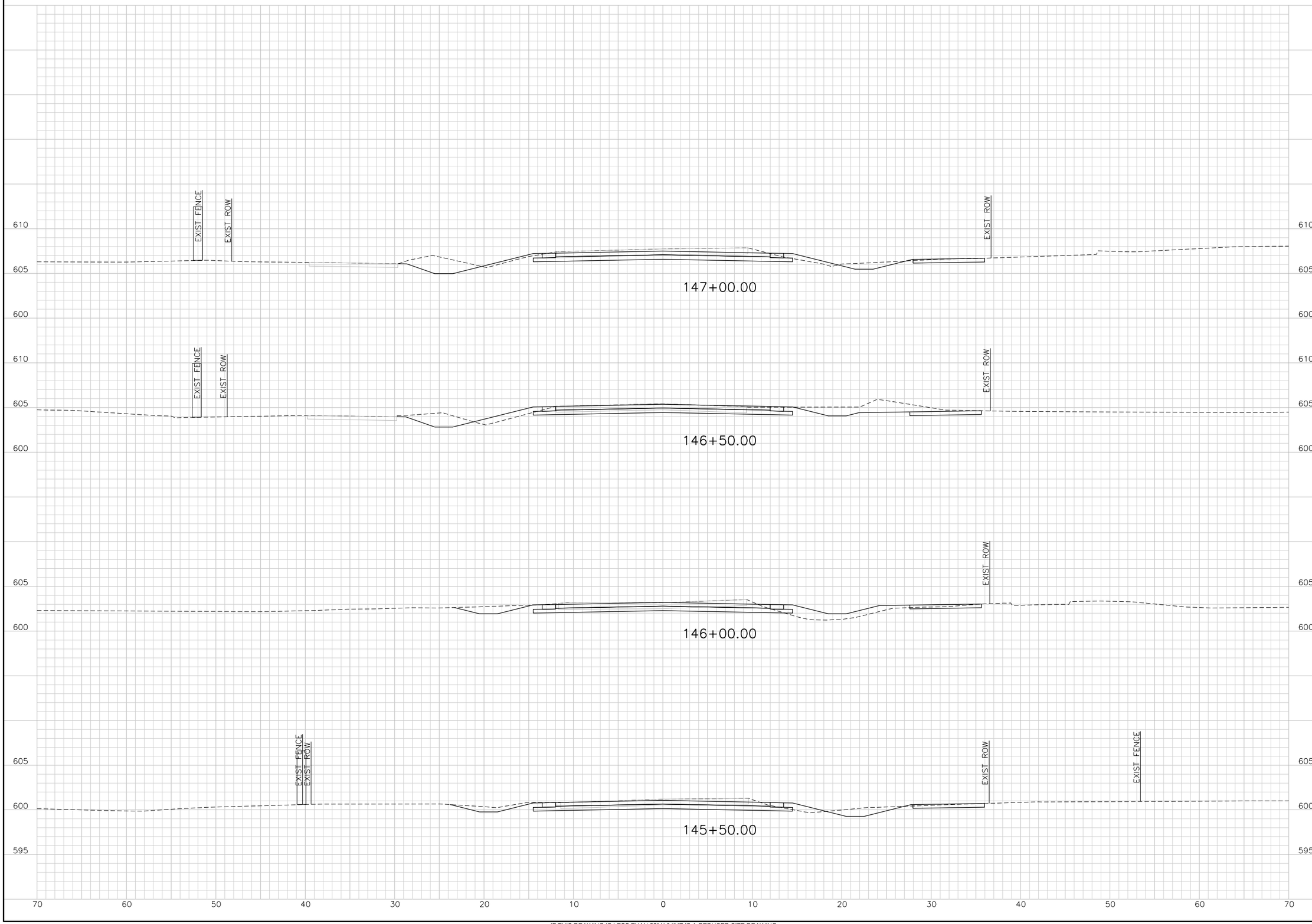
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-12



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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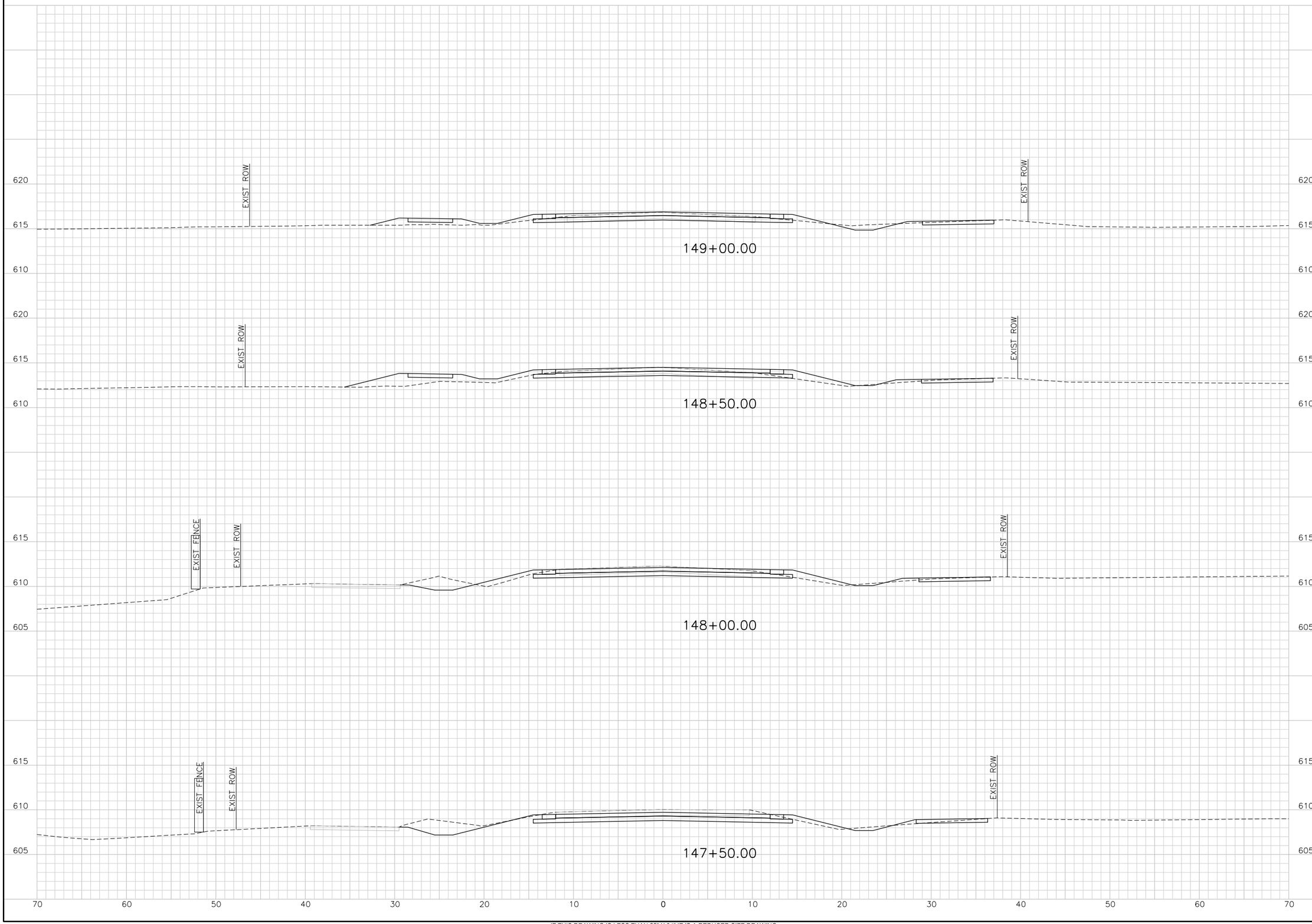
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-13



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
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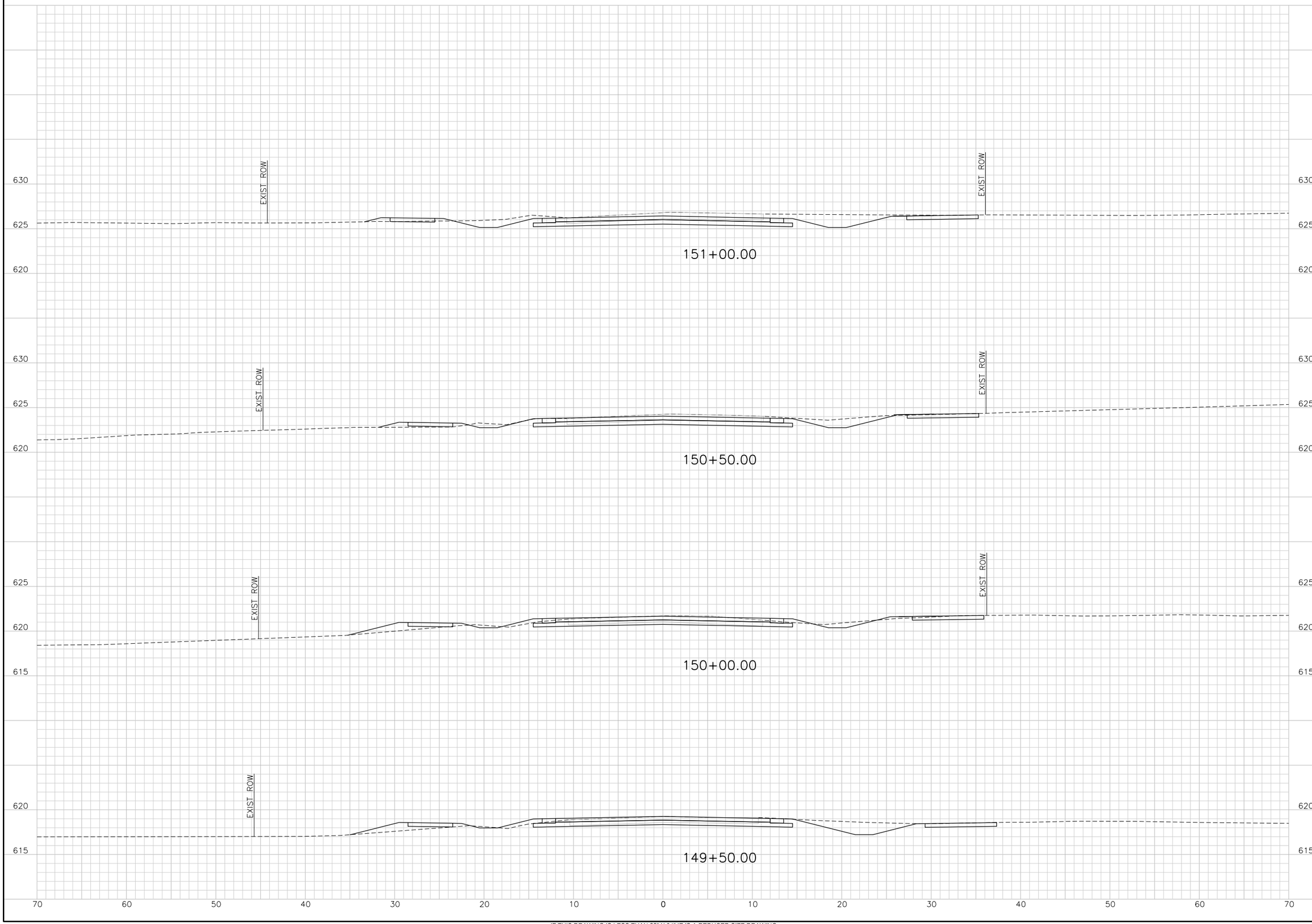
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-14



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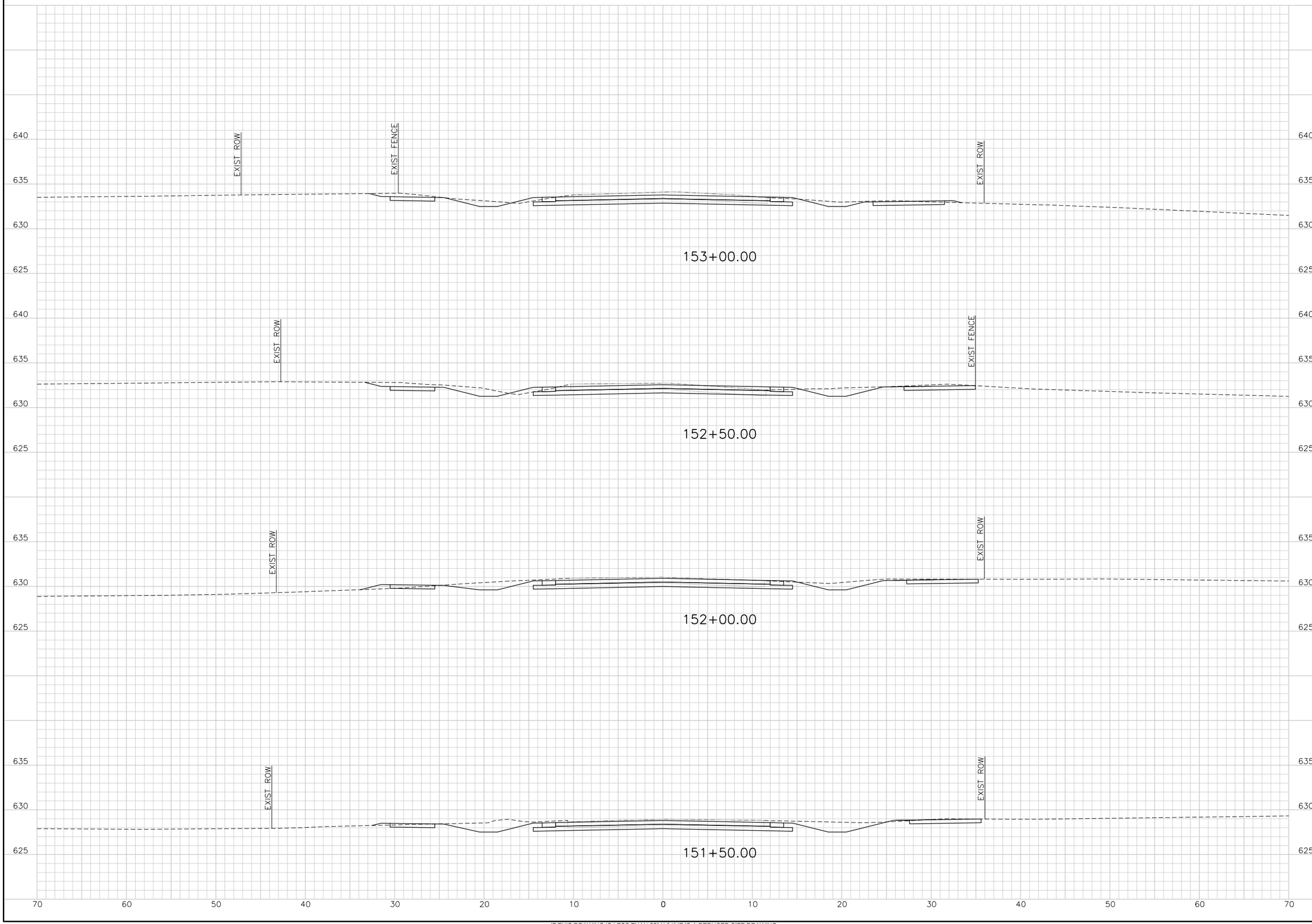
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-15



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REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-16

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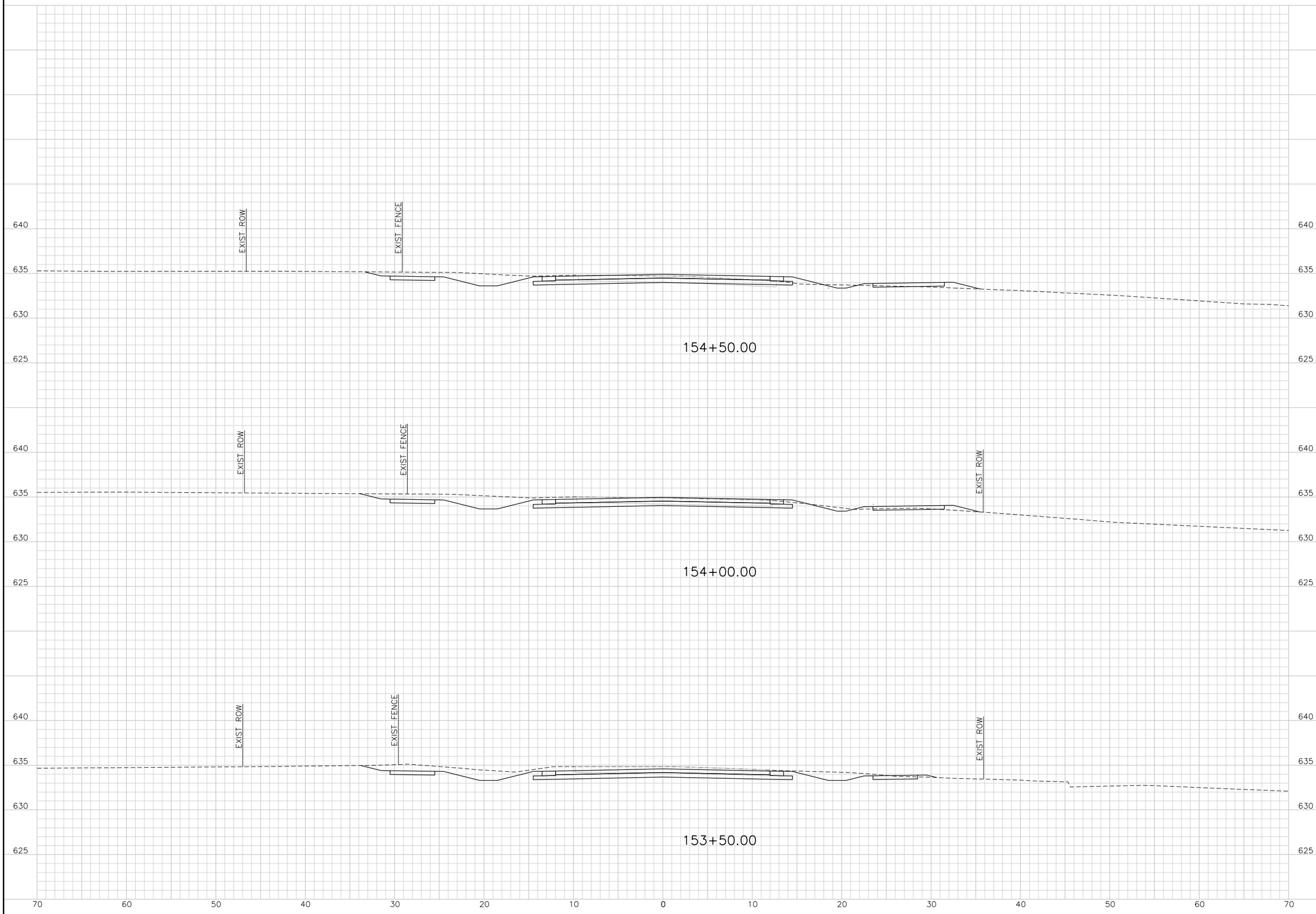

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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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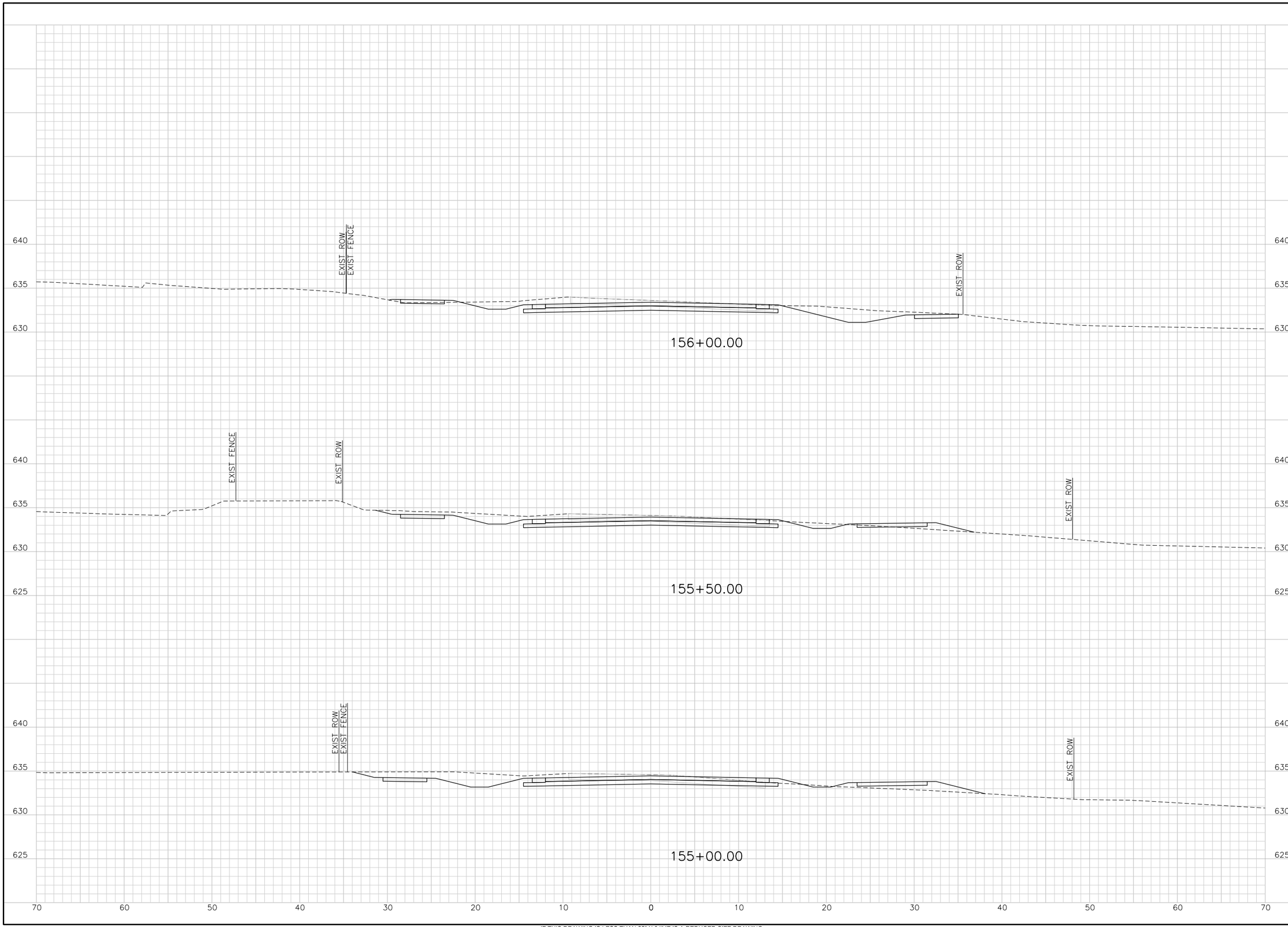
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-17



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-18

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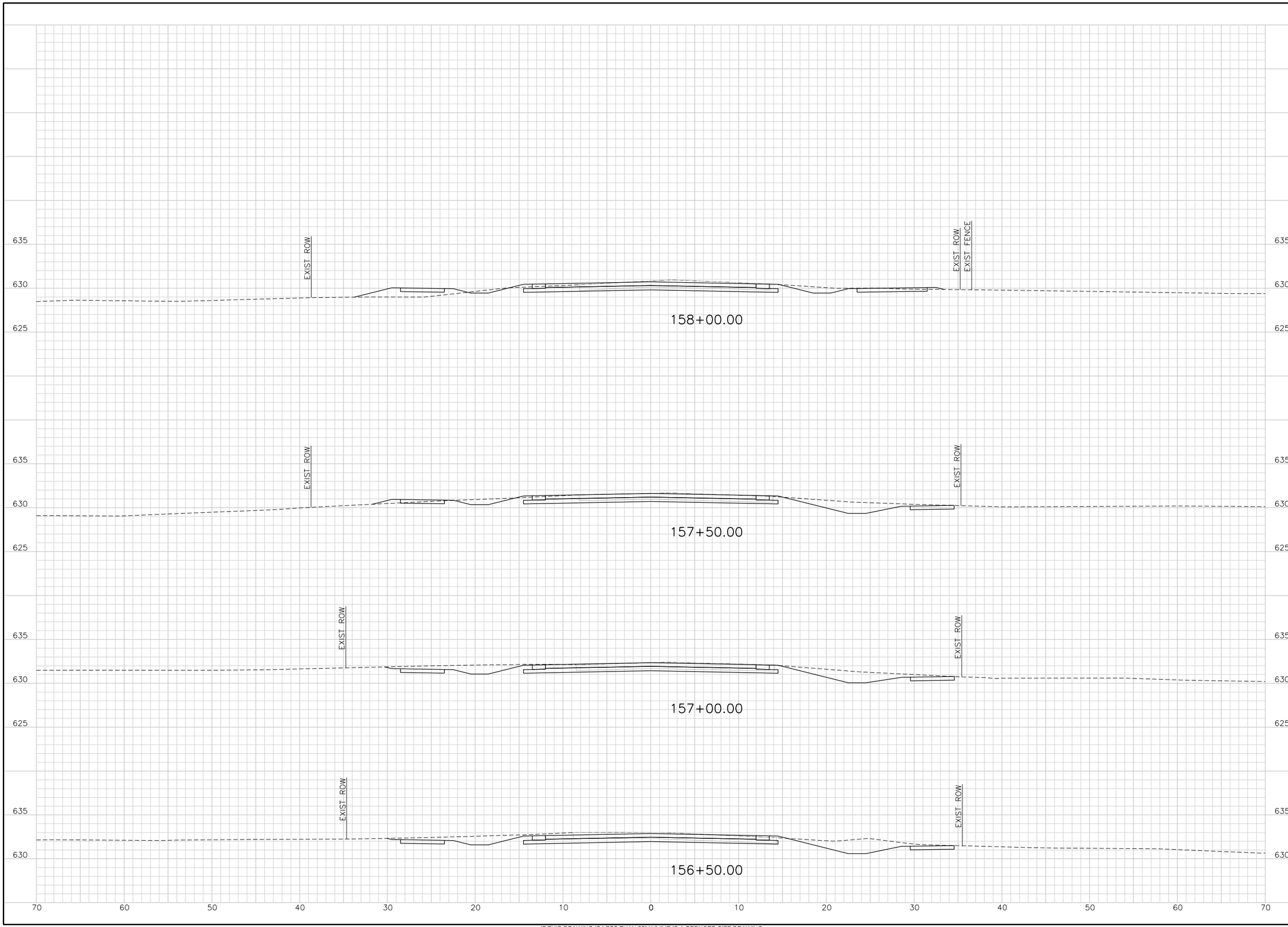
IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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REVISIONS:

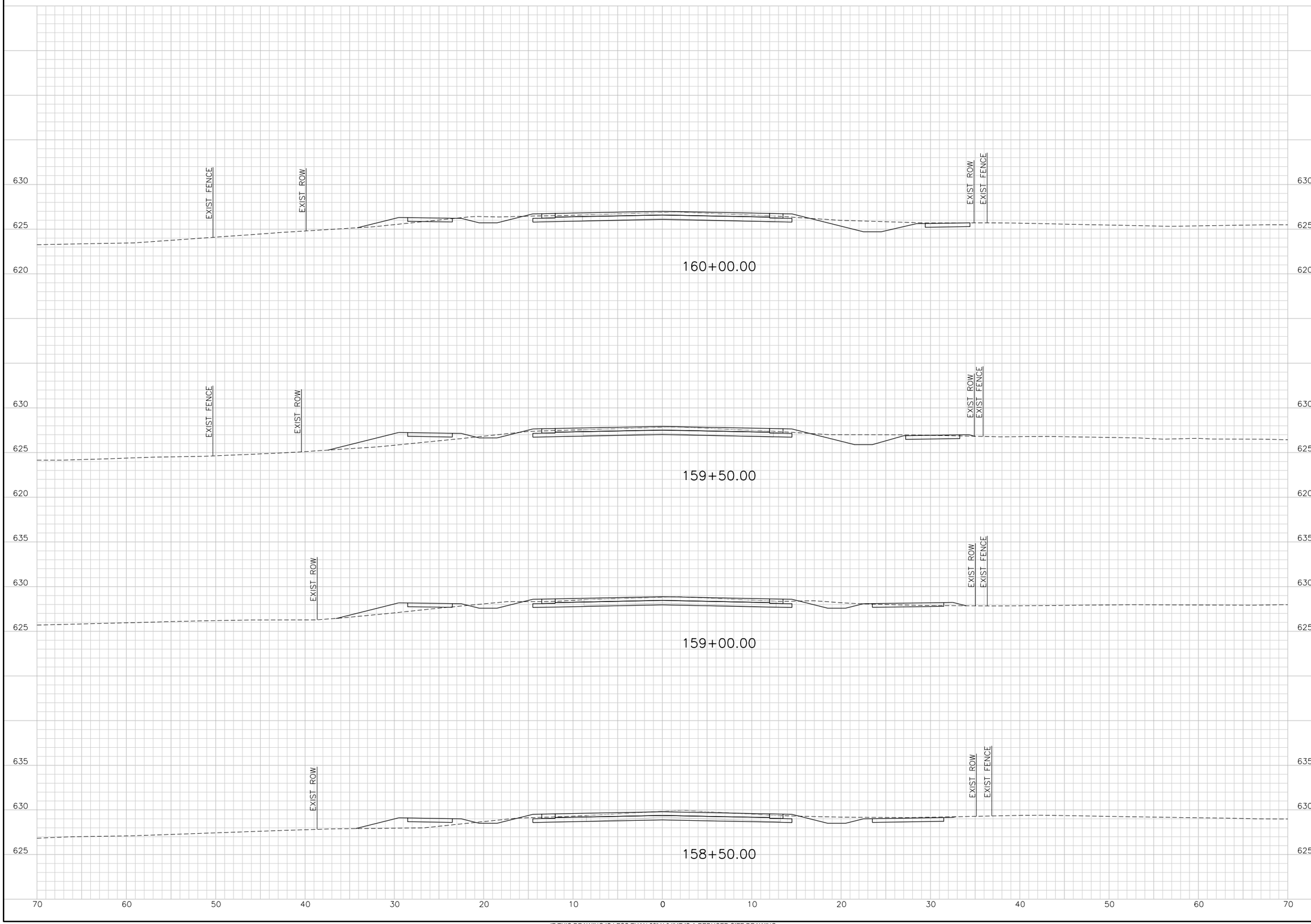
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-19



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REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-20

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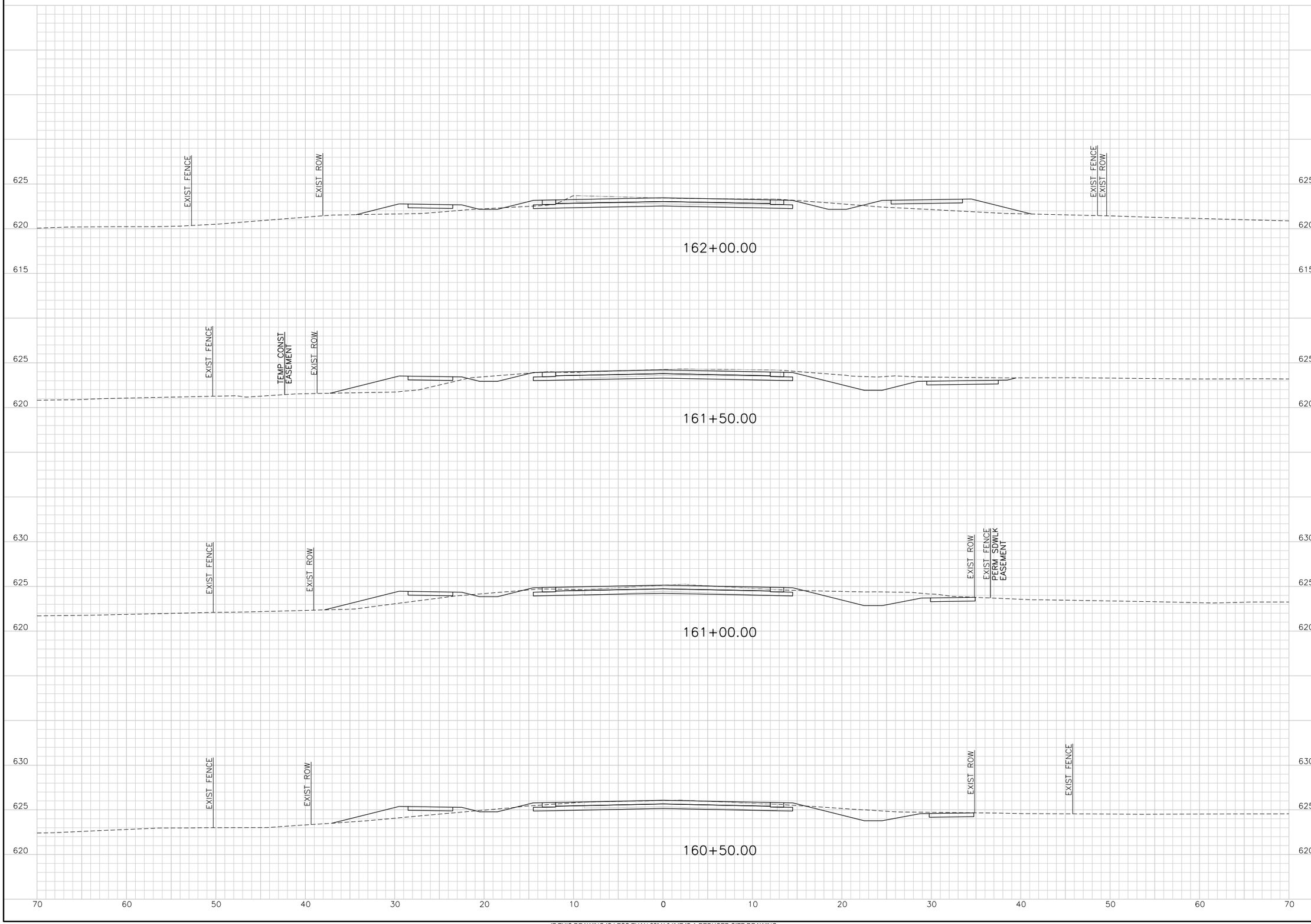

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$USER$ $DATE$ - $TIME$ - $FILE$

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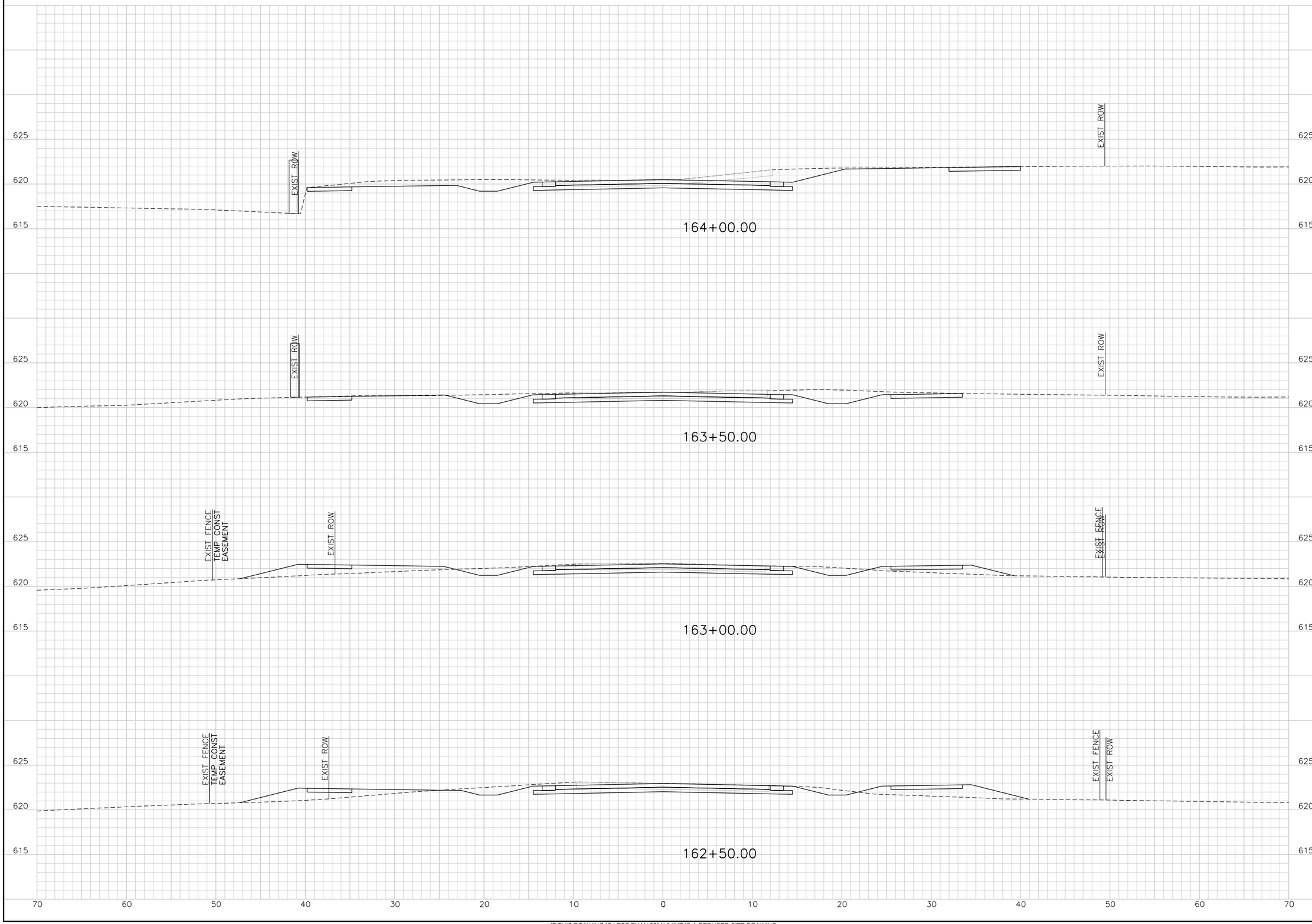
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-21



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$USER$
$DATE$ - $TIME$ - $FILE$

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PROJ NO: P202130124
SCALE: 1" = 10'
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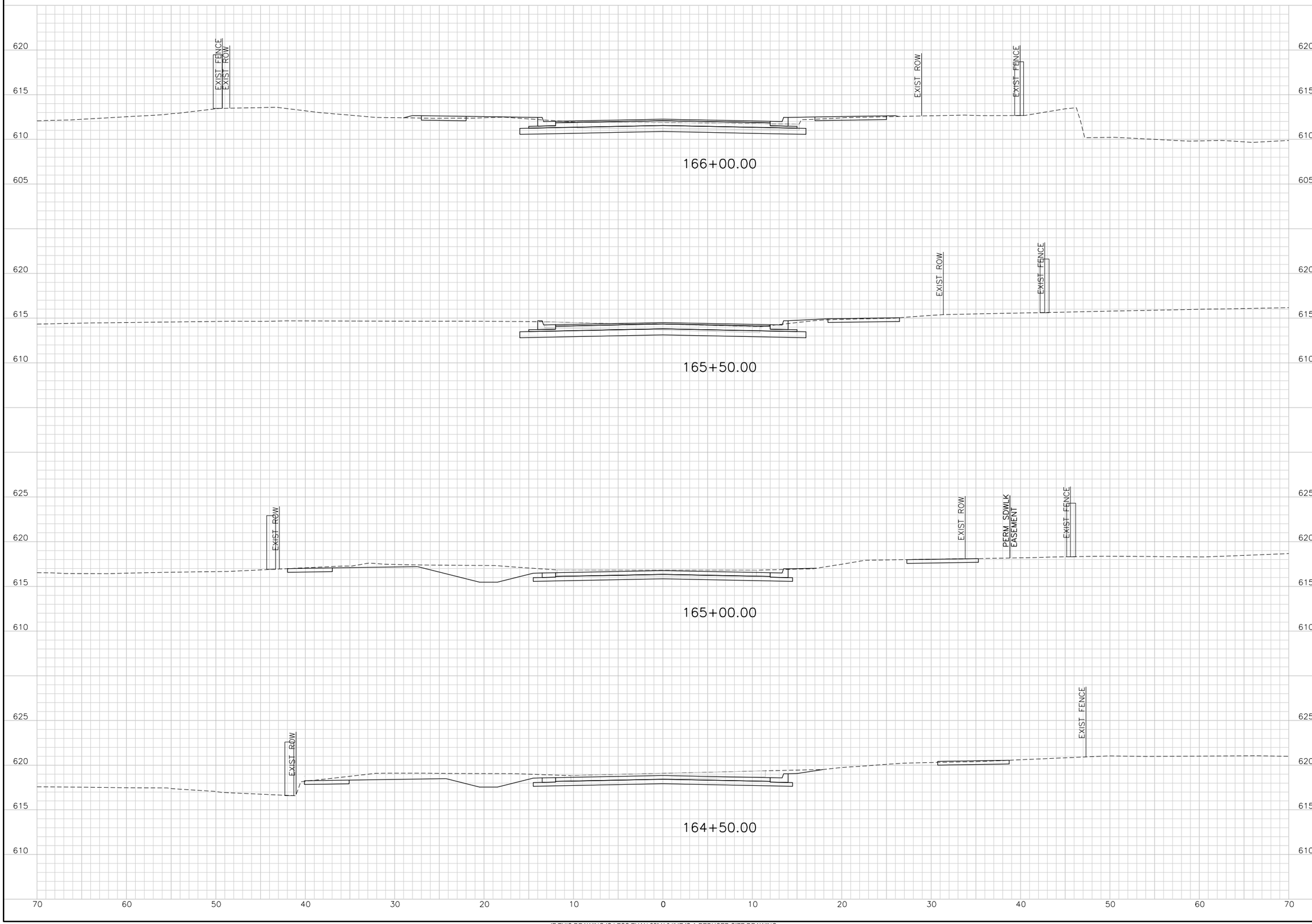
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-22



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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-23

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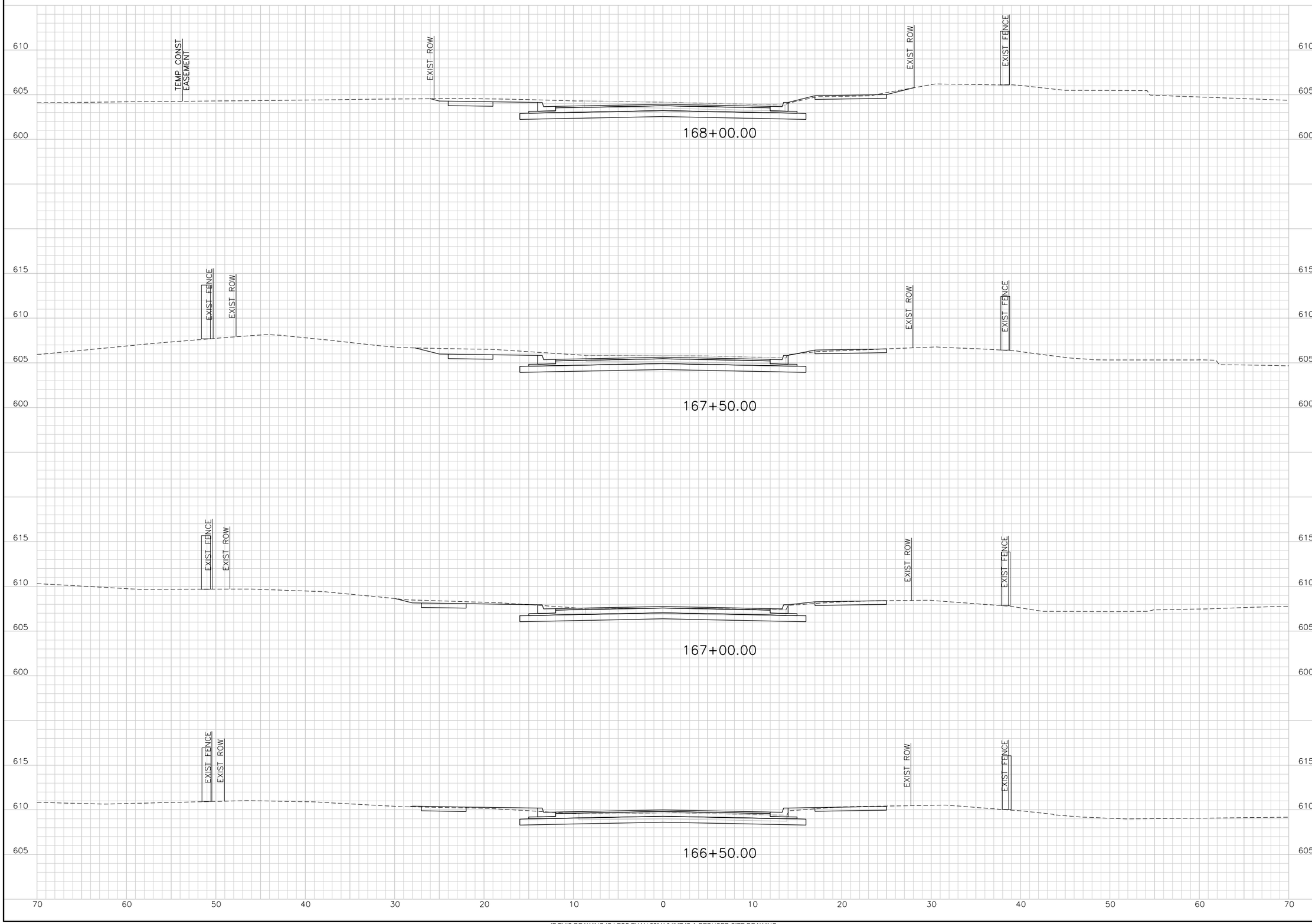

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PHONE: 817-339-8890
FAX: 817-335-2247

CONSULTANTS:

GLADE ROAD PROJECT
PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

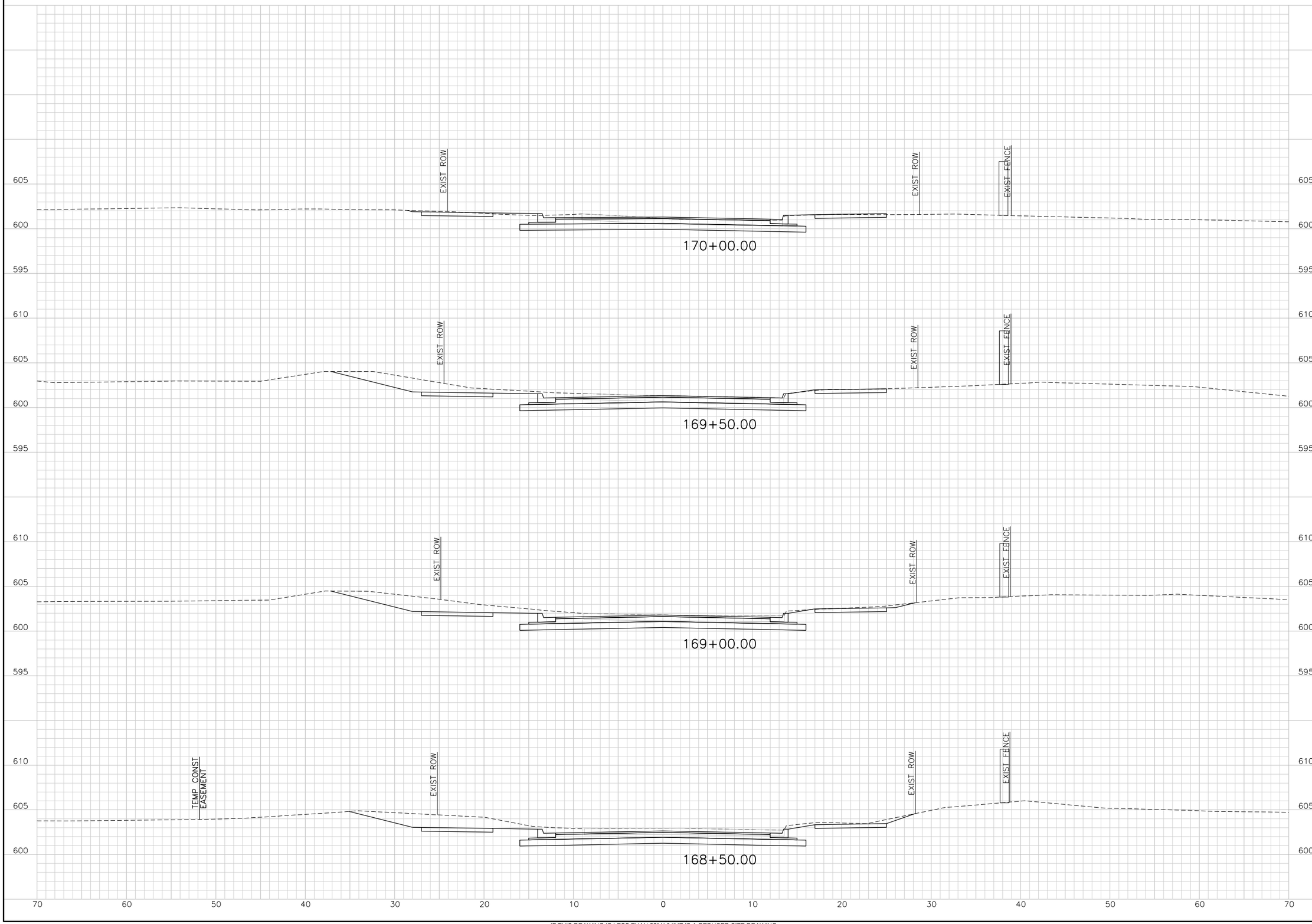
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-24



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CONSULTANTS:

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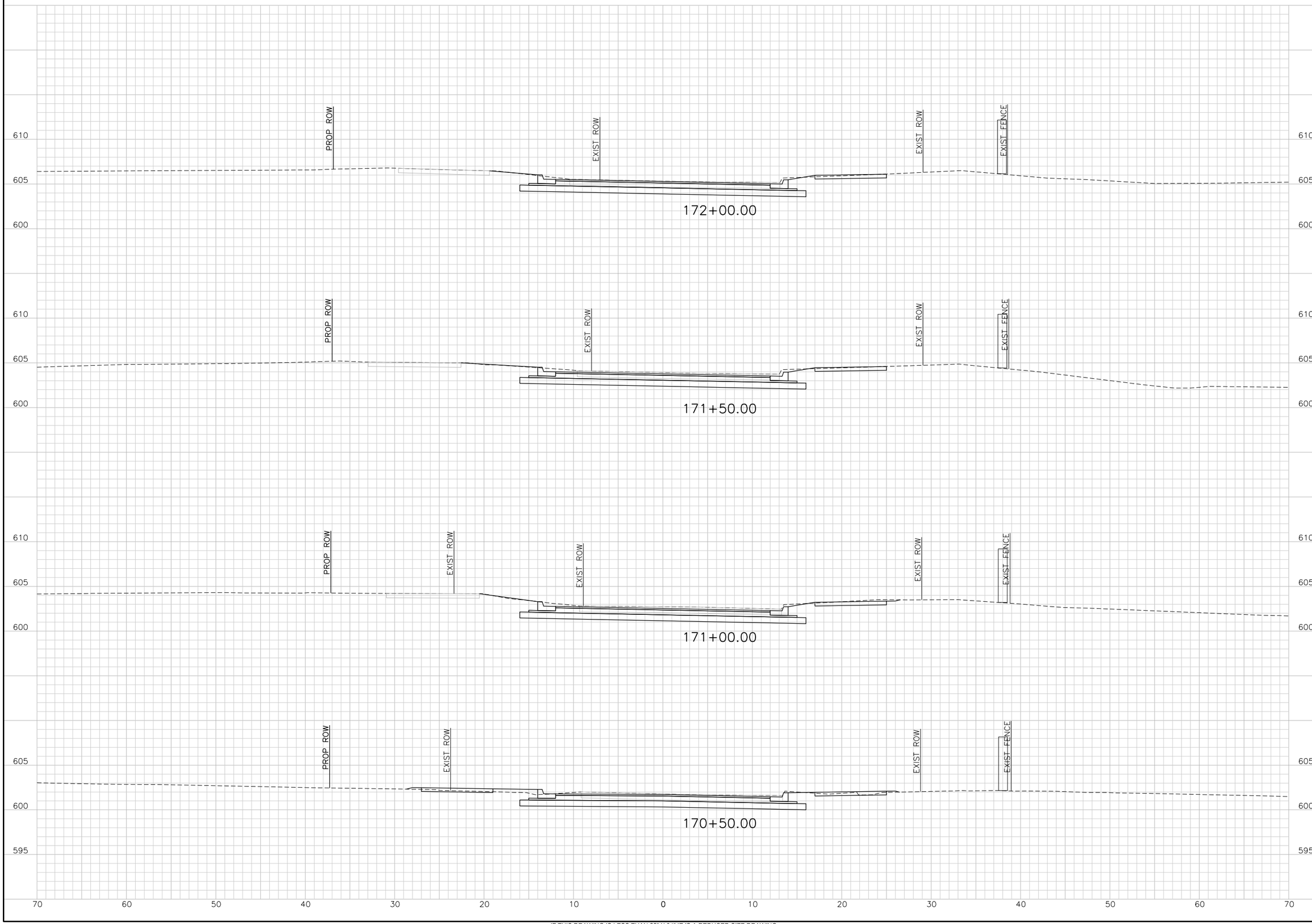
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-25



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PROJ NO: P202130124
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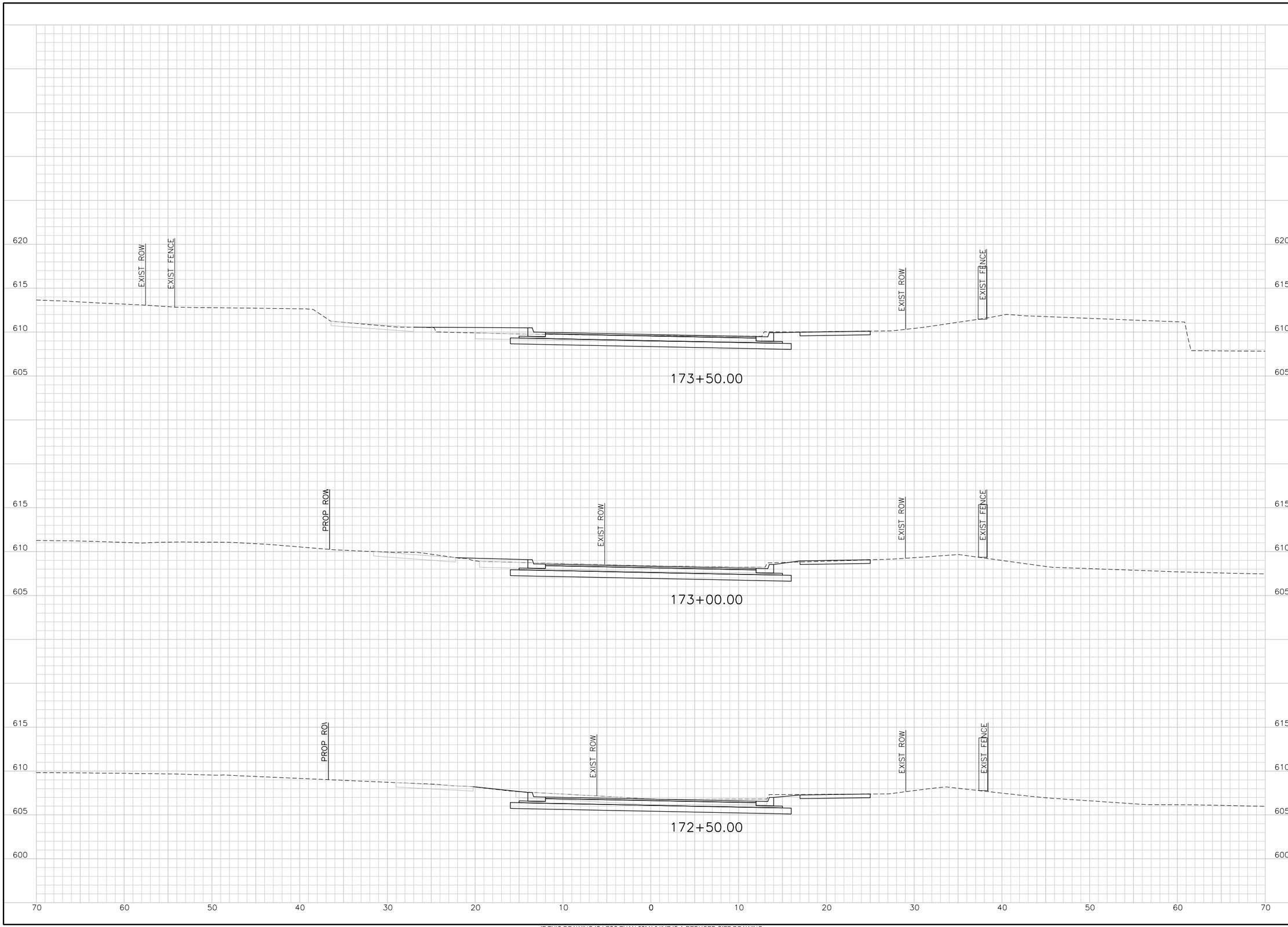
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-26



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$DATE$ - $TIME$ - $FILE$

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REVISIONS:		
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PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
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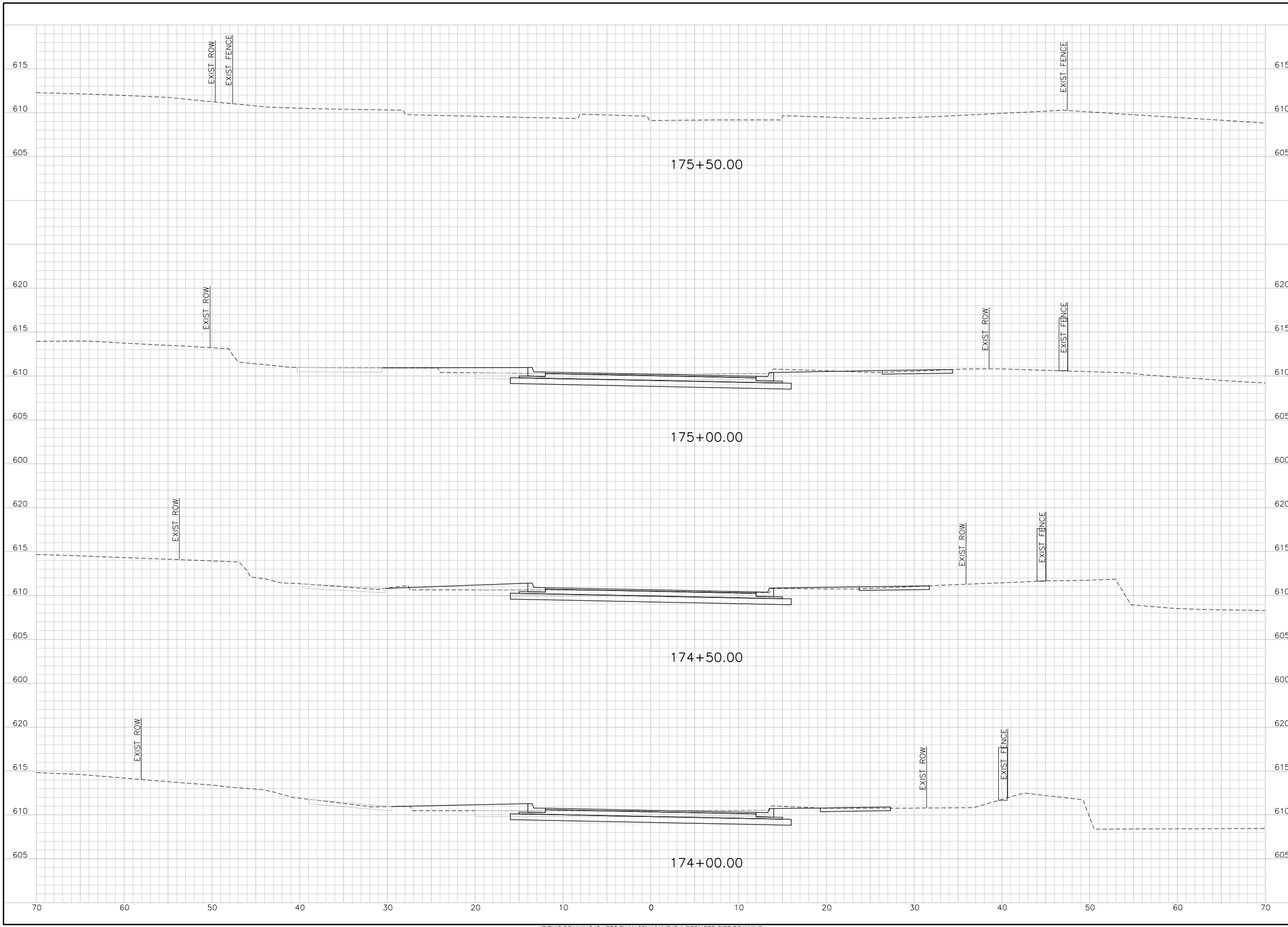
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-27



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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 2-28

$USER$ $DATE$ - $TIME$ - $FILE$

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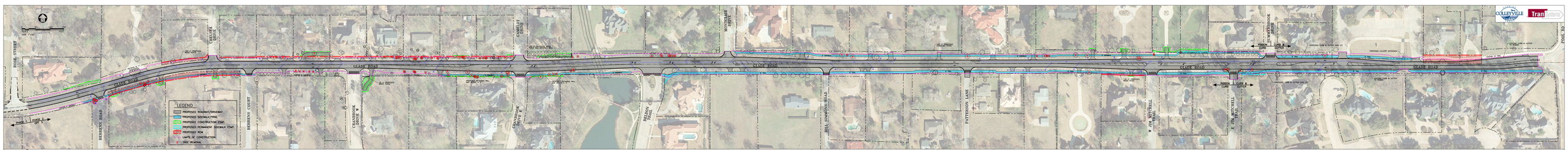
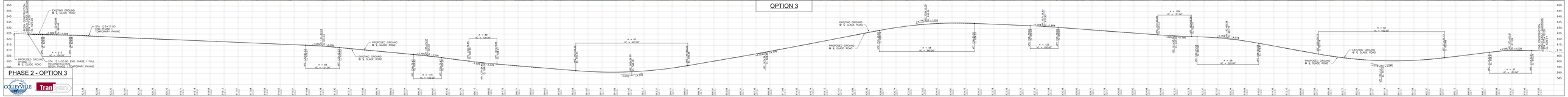
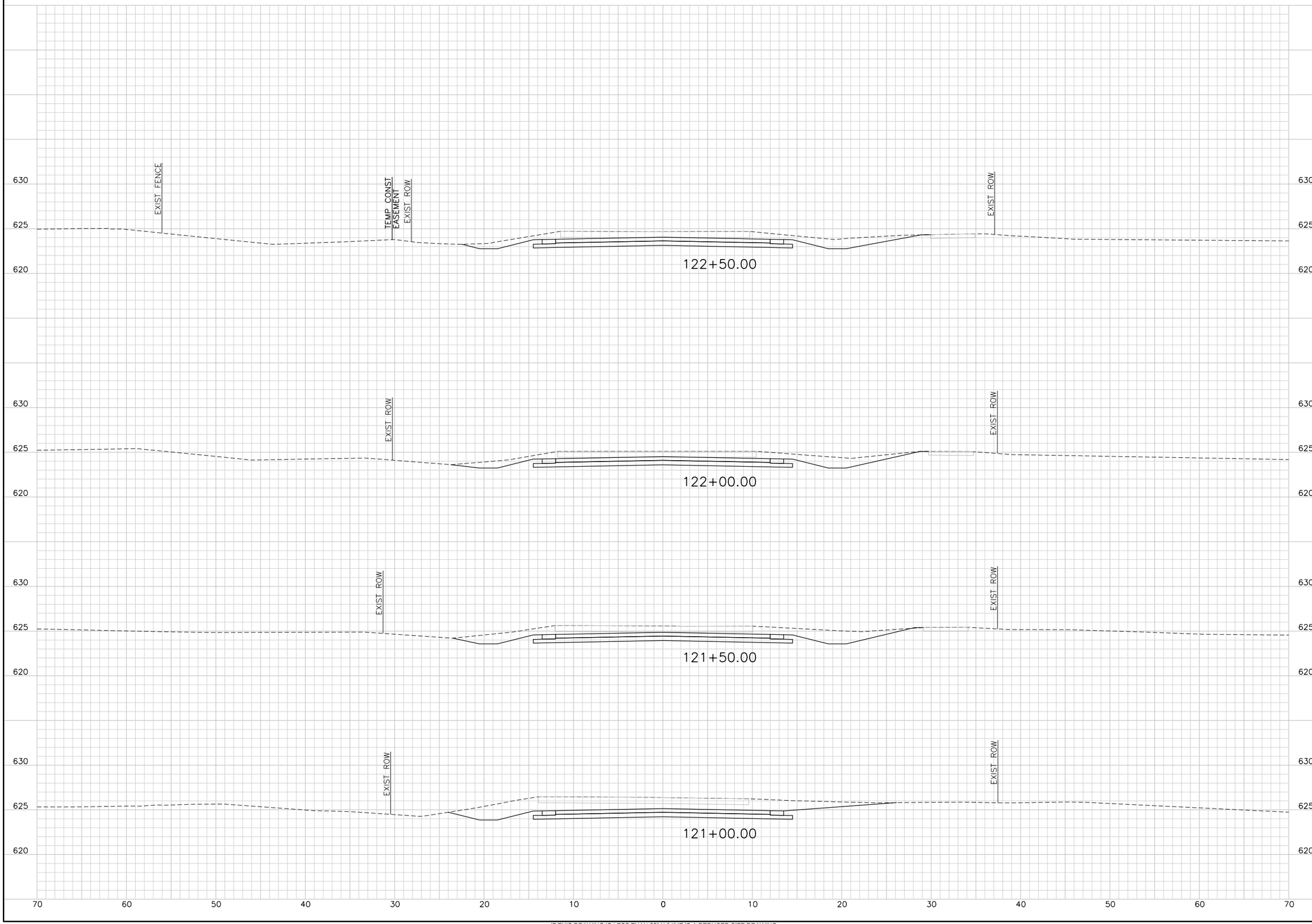

GLADE ROAD
ROSS STREET
BERHENS ROAD
BERHENS COURT
CHELSEA QUEEN
CAMELOT DRIVE
CLEARWATER DRIVE
BILL SAMMONS ROAD
PATTERSON LANE
W. 17th MITCHELL TRAIL
SUNNYBROOK DRIVE
LEGEND
PROPOSED ROADWAY/DRIVEWAY
PROPOSED SIDEWALK/TRAIL
PROPOSED CONSTRUCTION EZMT.
PROPOSED PERMANENT SIDEWALK EZMT.
PROPOSED ROW
LIMITS OF CONSTRUCTION
TREE REMOVAL

OPTION 3


EXISTING GROUND @ ℄ GLADE ROAD
STA. 123+17.00 END PHASE 1 TEMPORARY PAVING
PROPOSED GROUND @ ℄ GLADE ROAD
STA. 121+00.00 END PHASE 1 FULL RECONSTRUCTION BEGIN PHASE 2 TEMPORARY PAVING
PHASE 2 - OPTION 3



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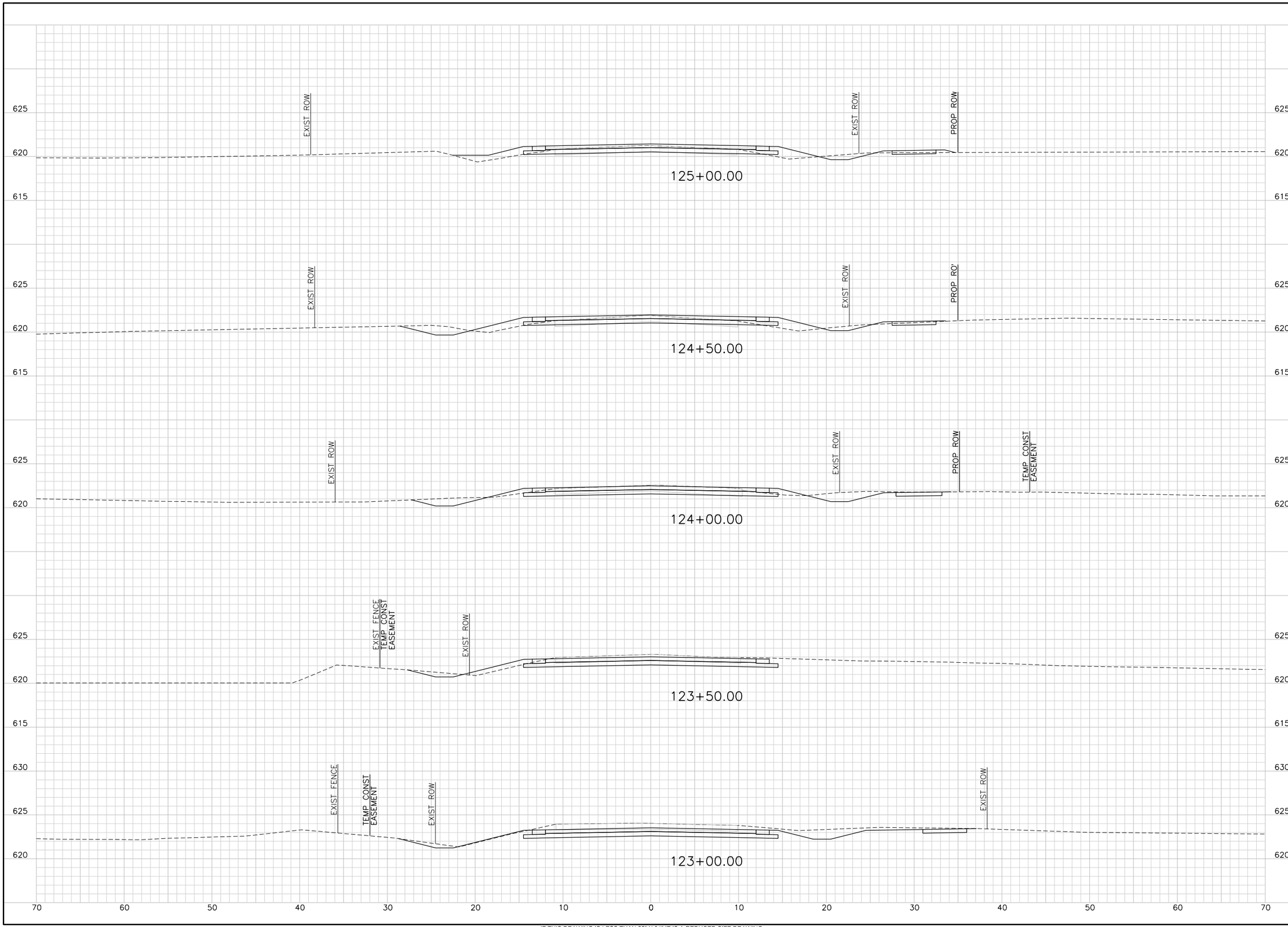
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-1



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SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-2

$USER$ $DATE$ - $TIME$ - $FILE$

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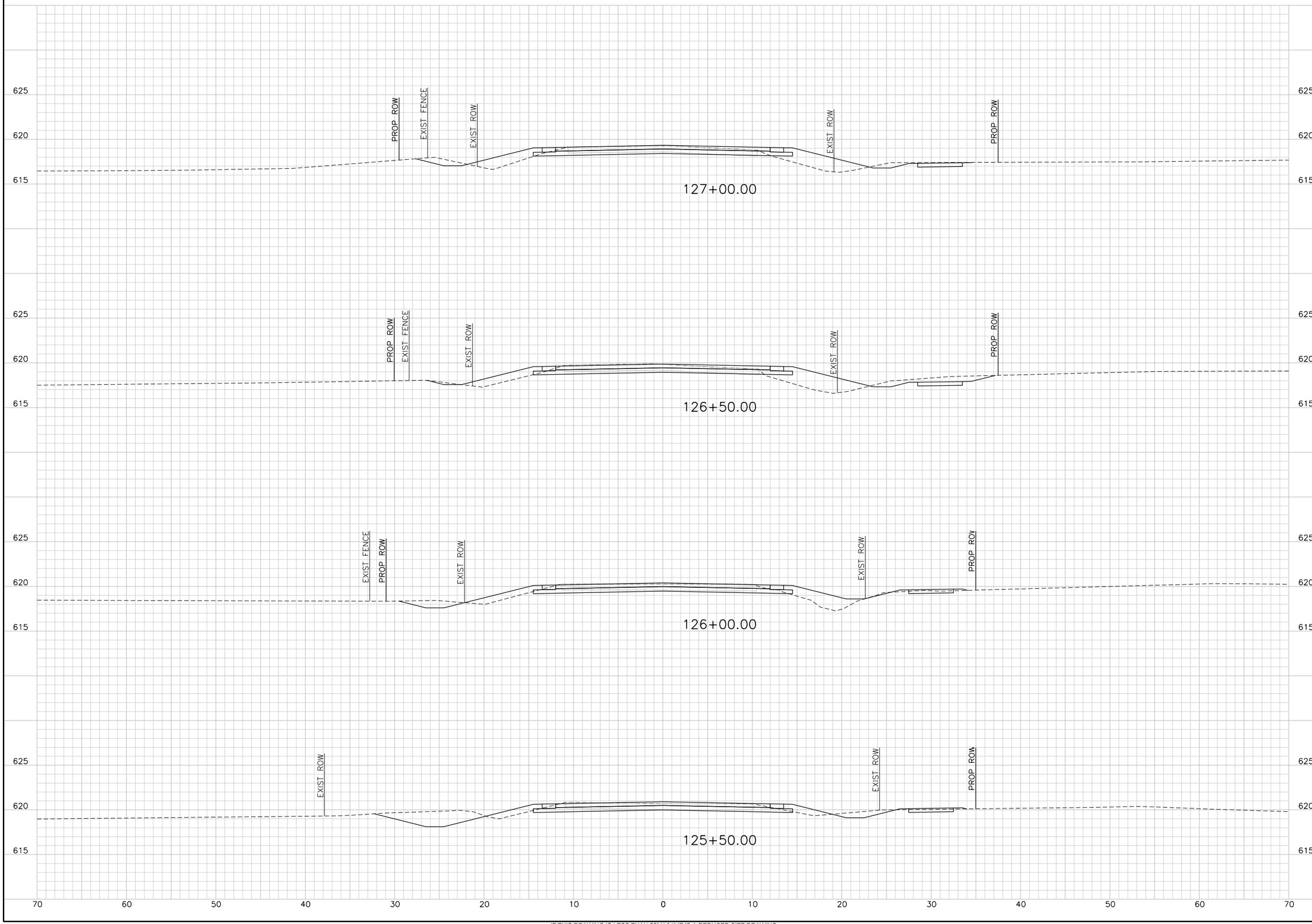

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REVISIONS:		
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PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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DRAWN BY: KAB
CHECKED BY: CGG

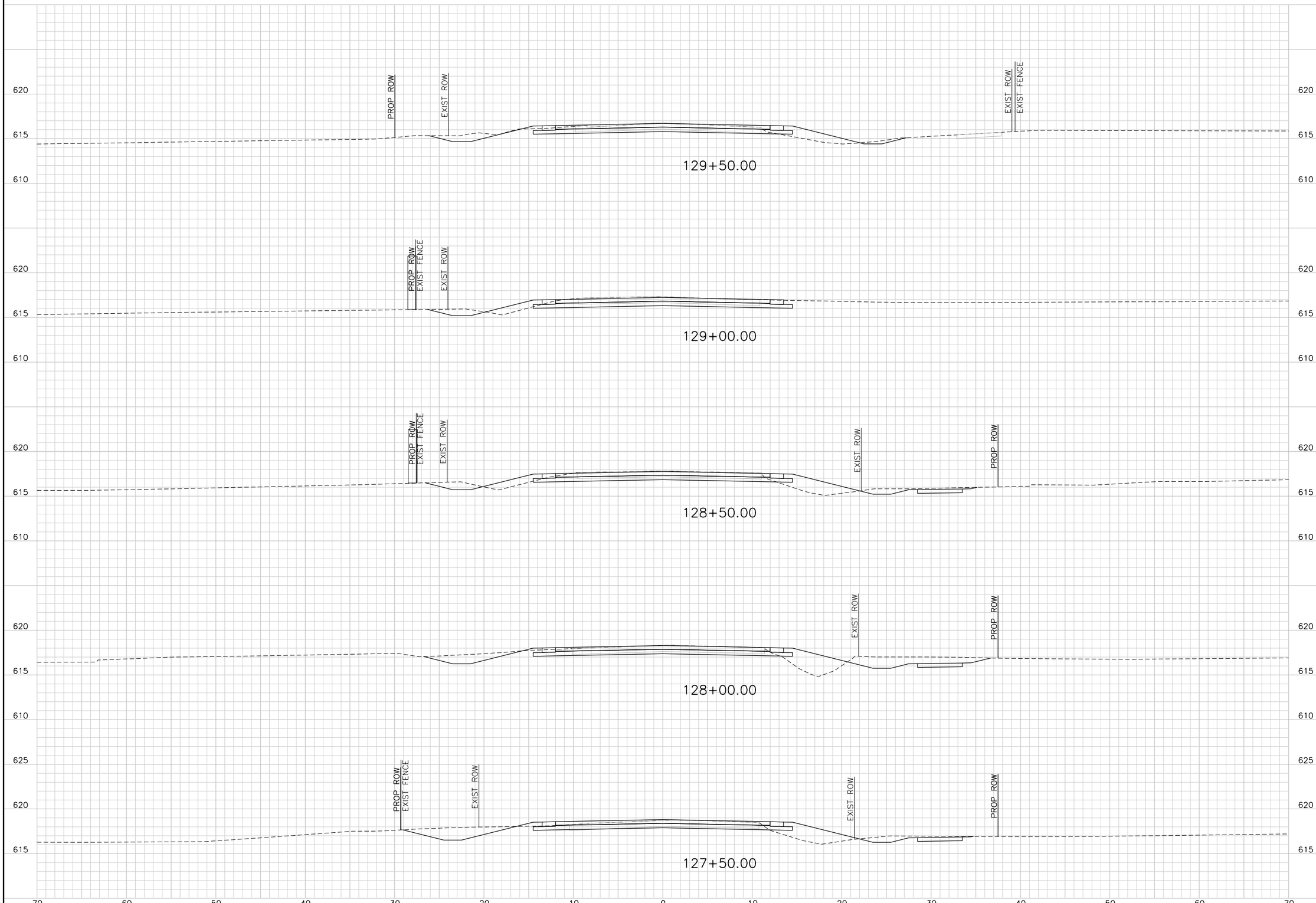
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-3

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
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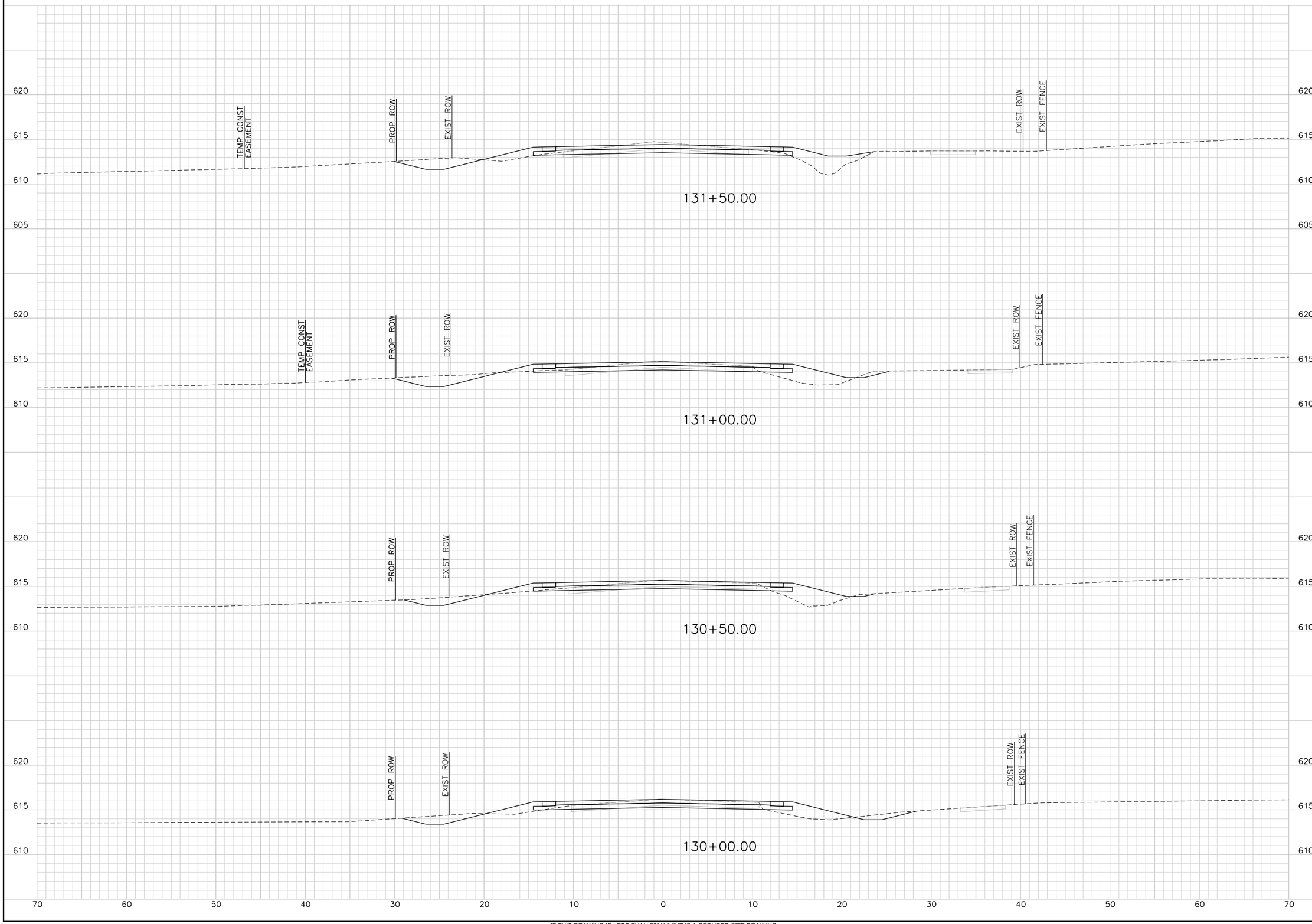
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-4

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
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PROJ NO: P202130124
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DATE: $DATE$
DESIGNED BY: JWZ
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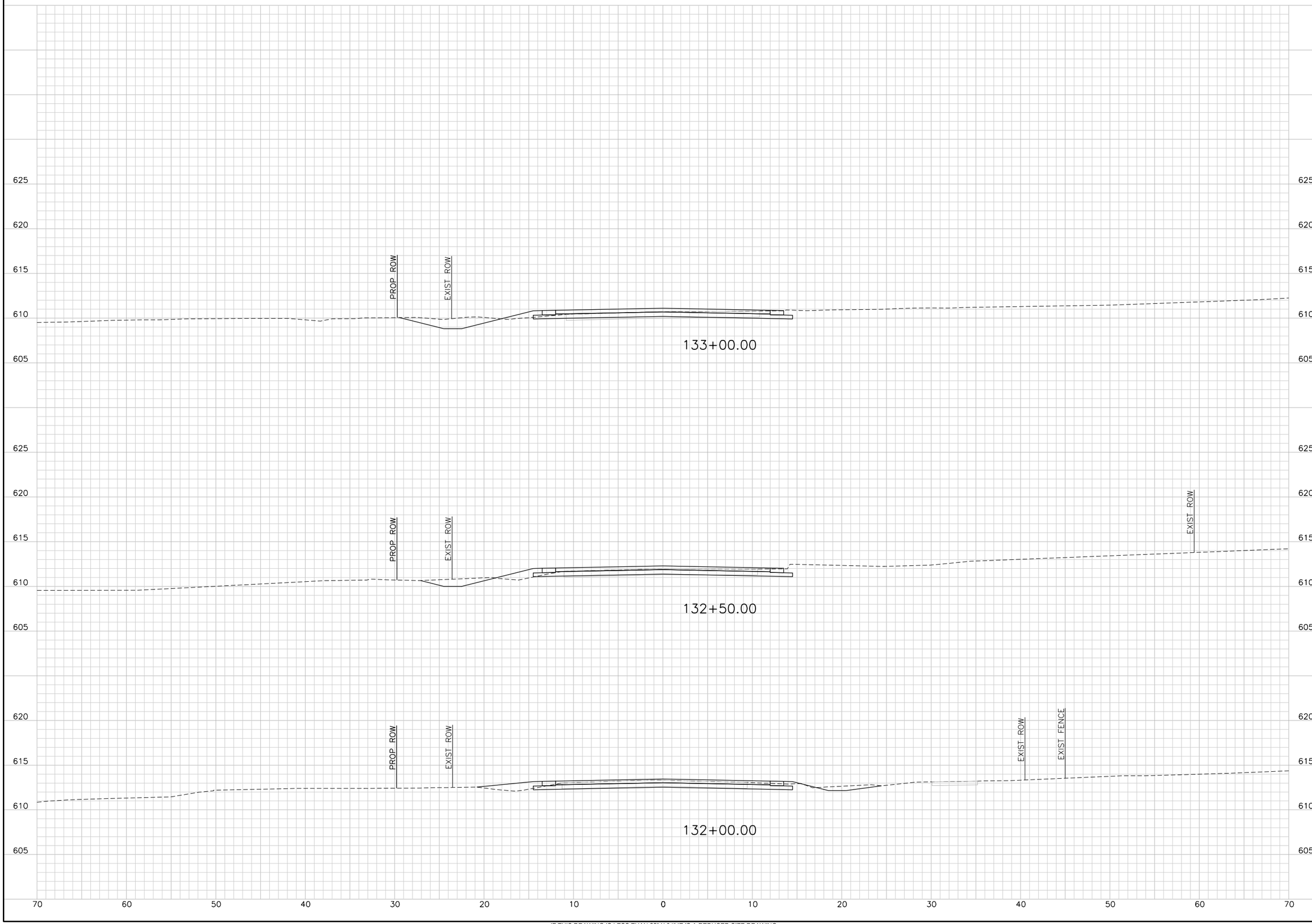
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-5



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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-6

$USER$ $DATE$ - $TIME$ - $FILE$

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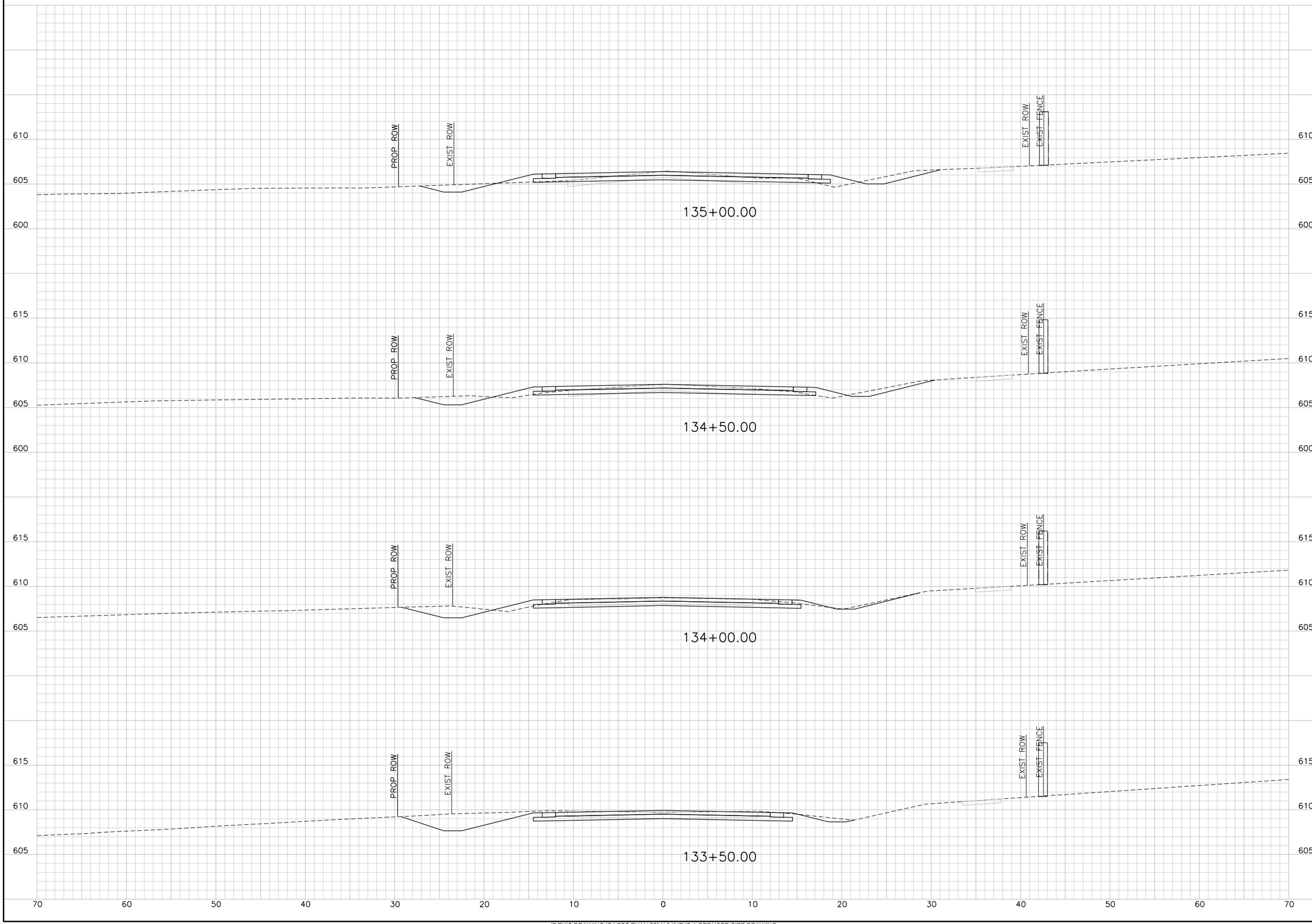

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PROJ NO: P202130124
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DATE: $DATE$
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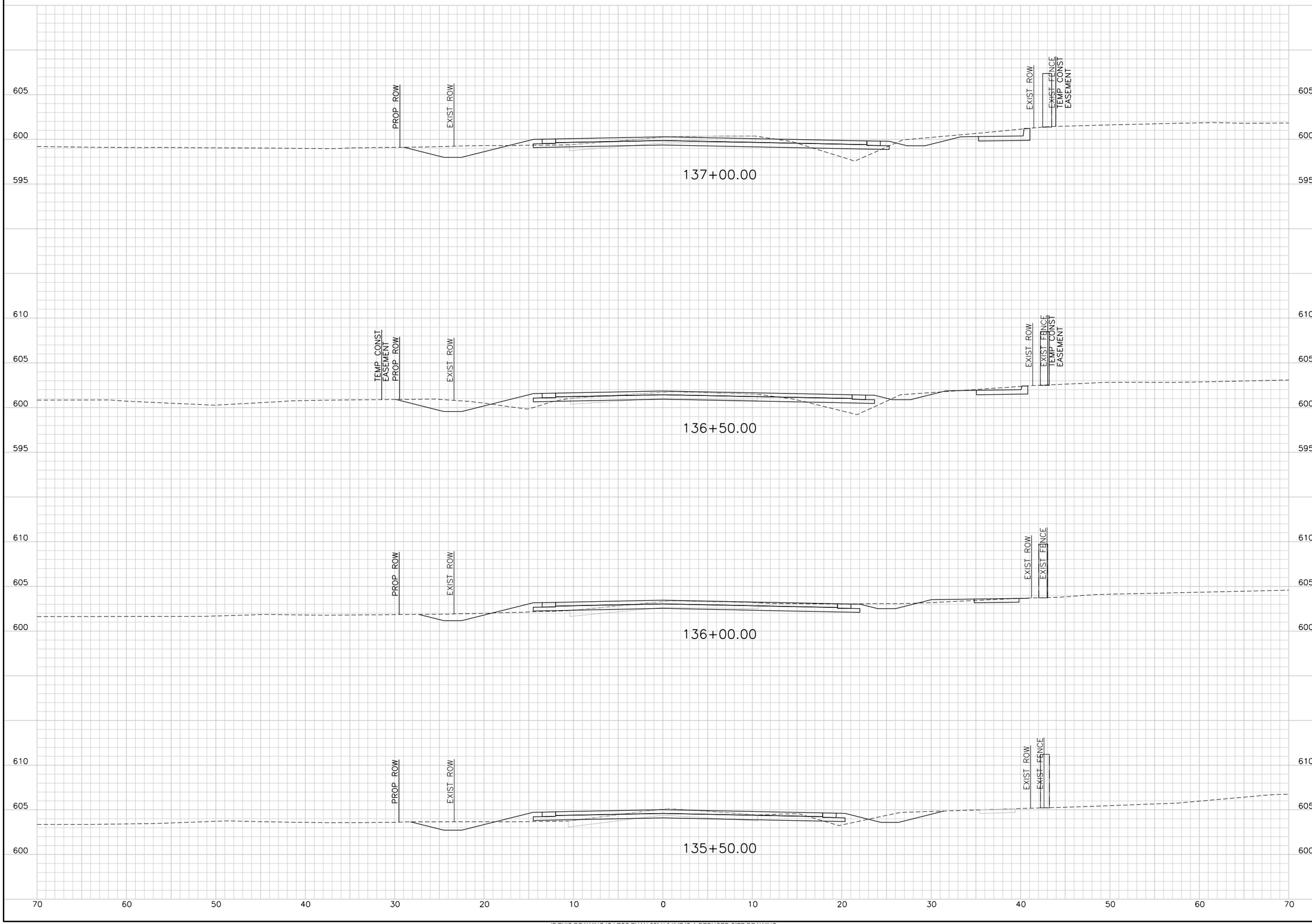
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-7



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MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
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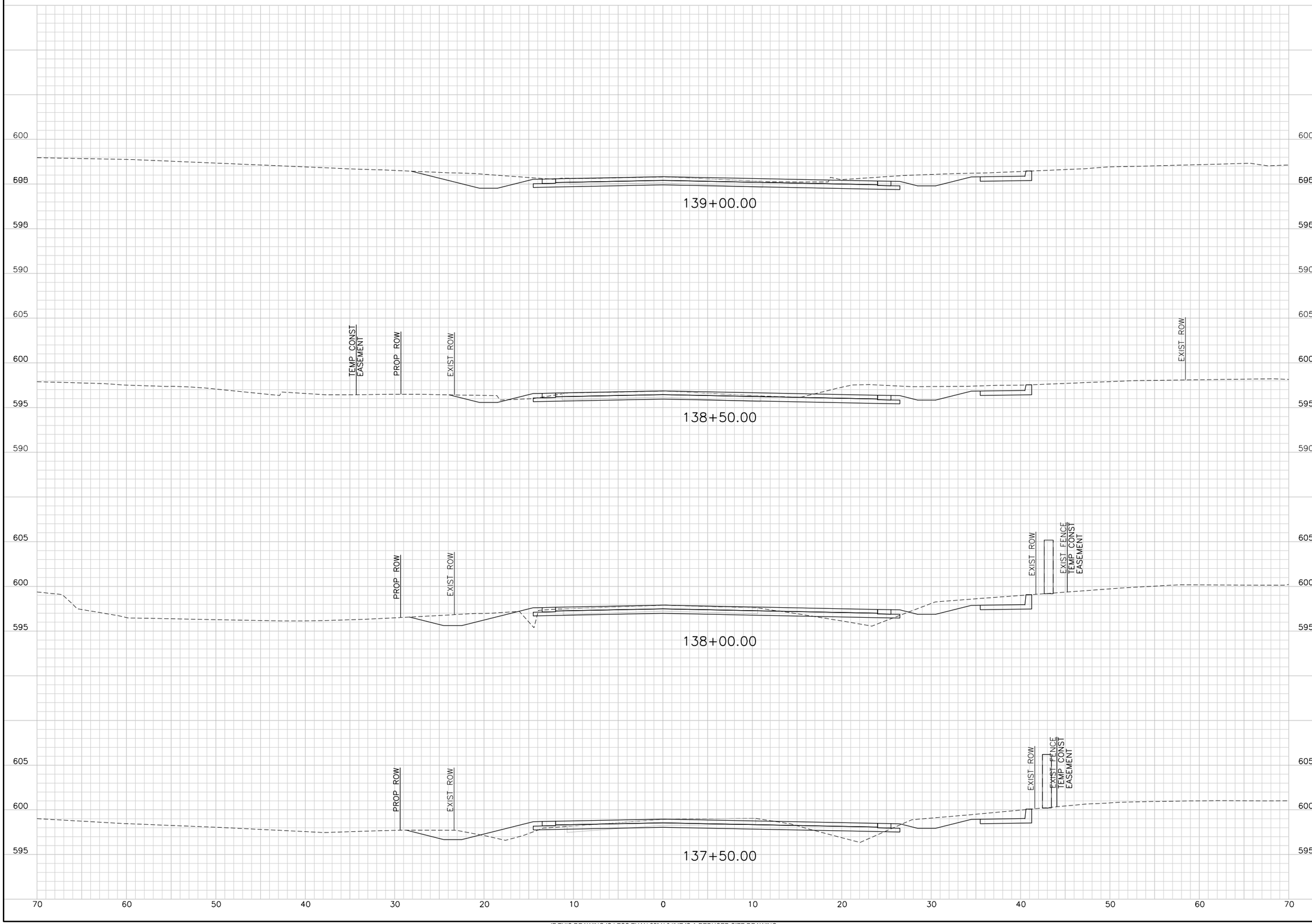
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-8



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PHASE I

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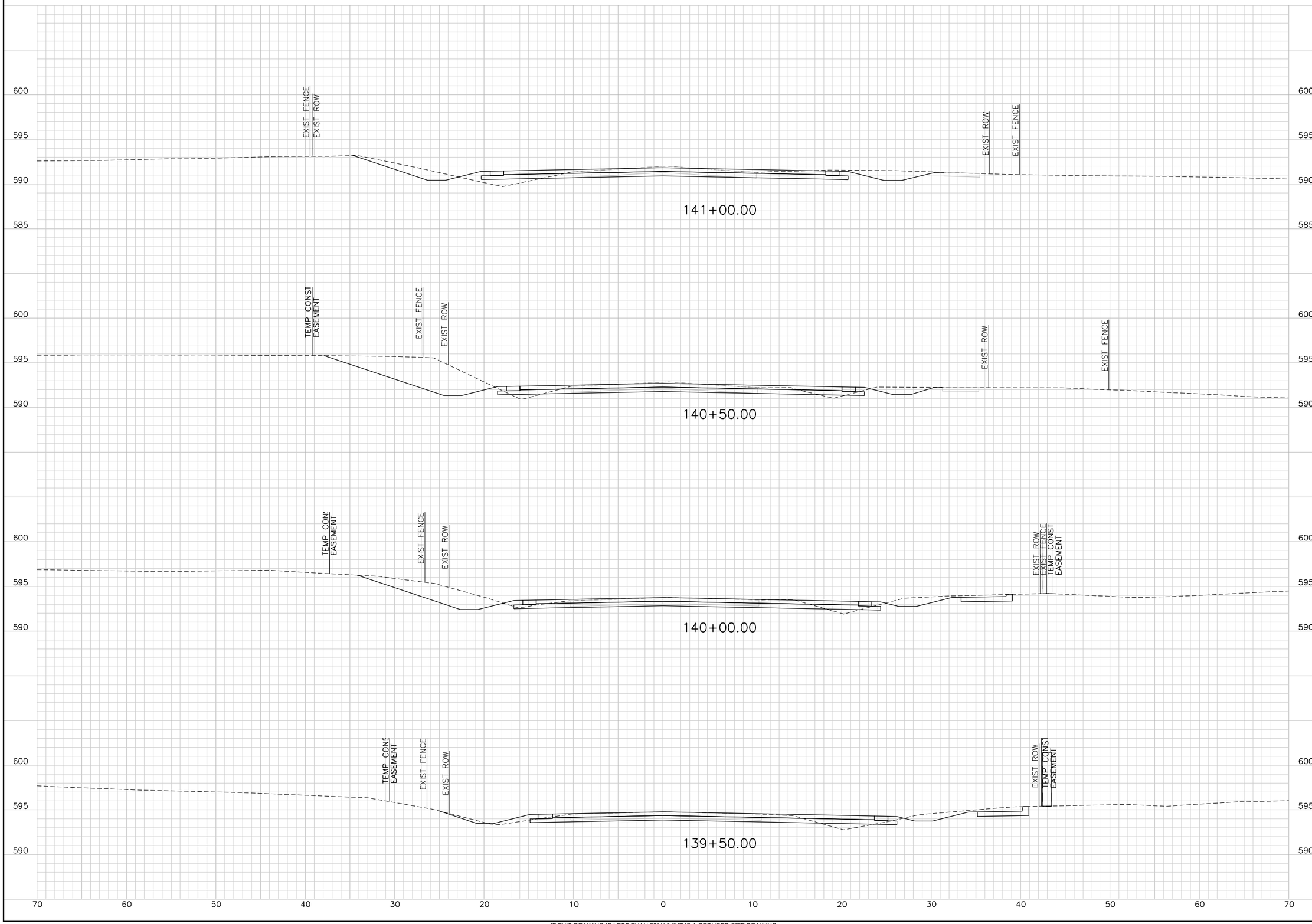
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.

C-RDW-802-OPT 3-9



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$USER$ $DATE$ - $TIME$ - $FILE$

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PROJ NO: P202130124
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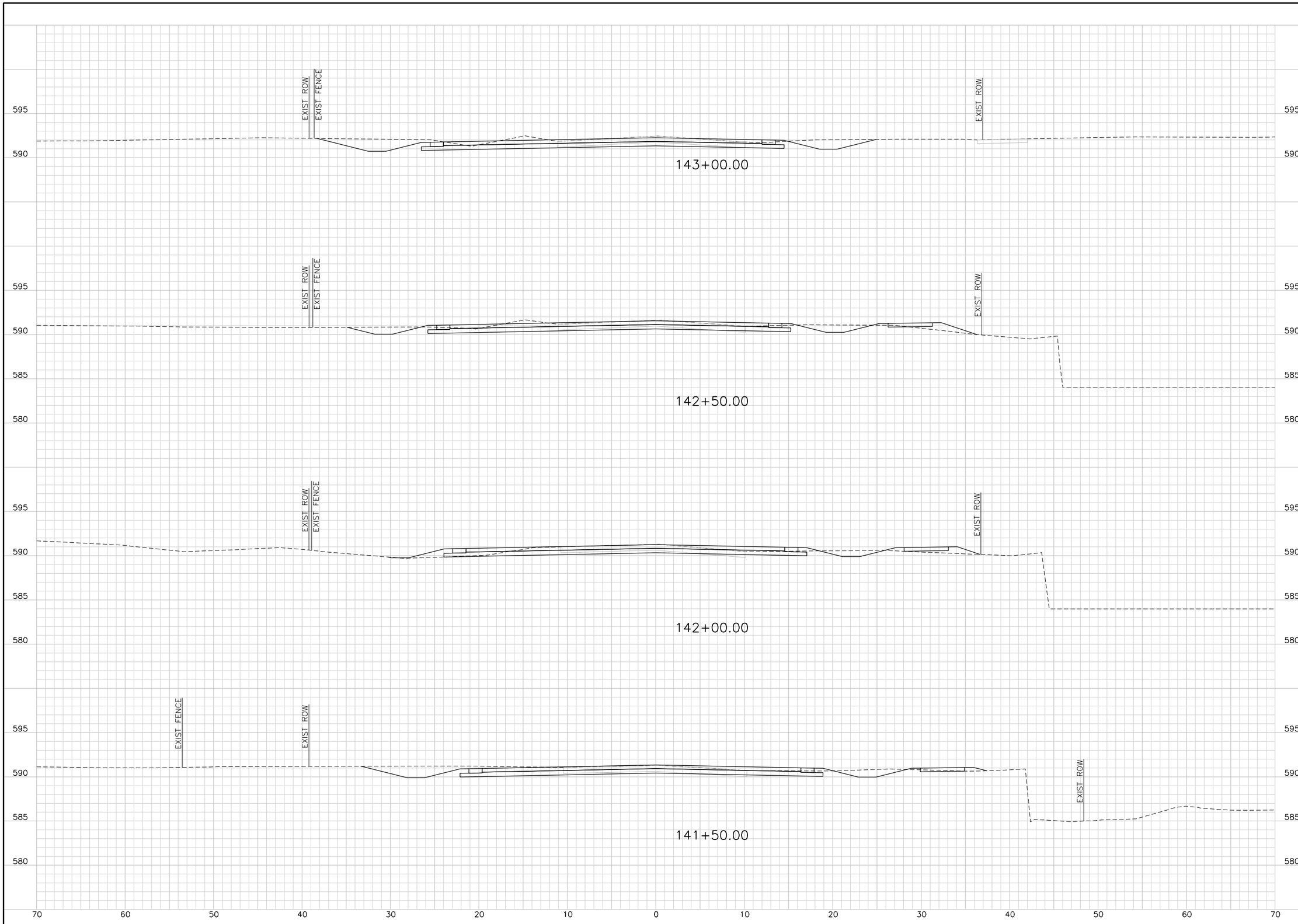
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-10



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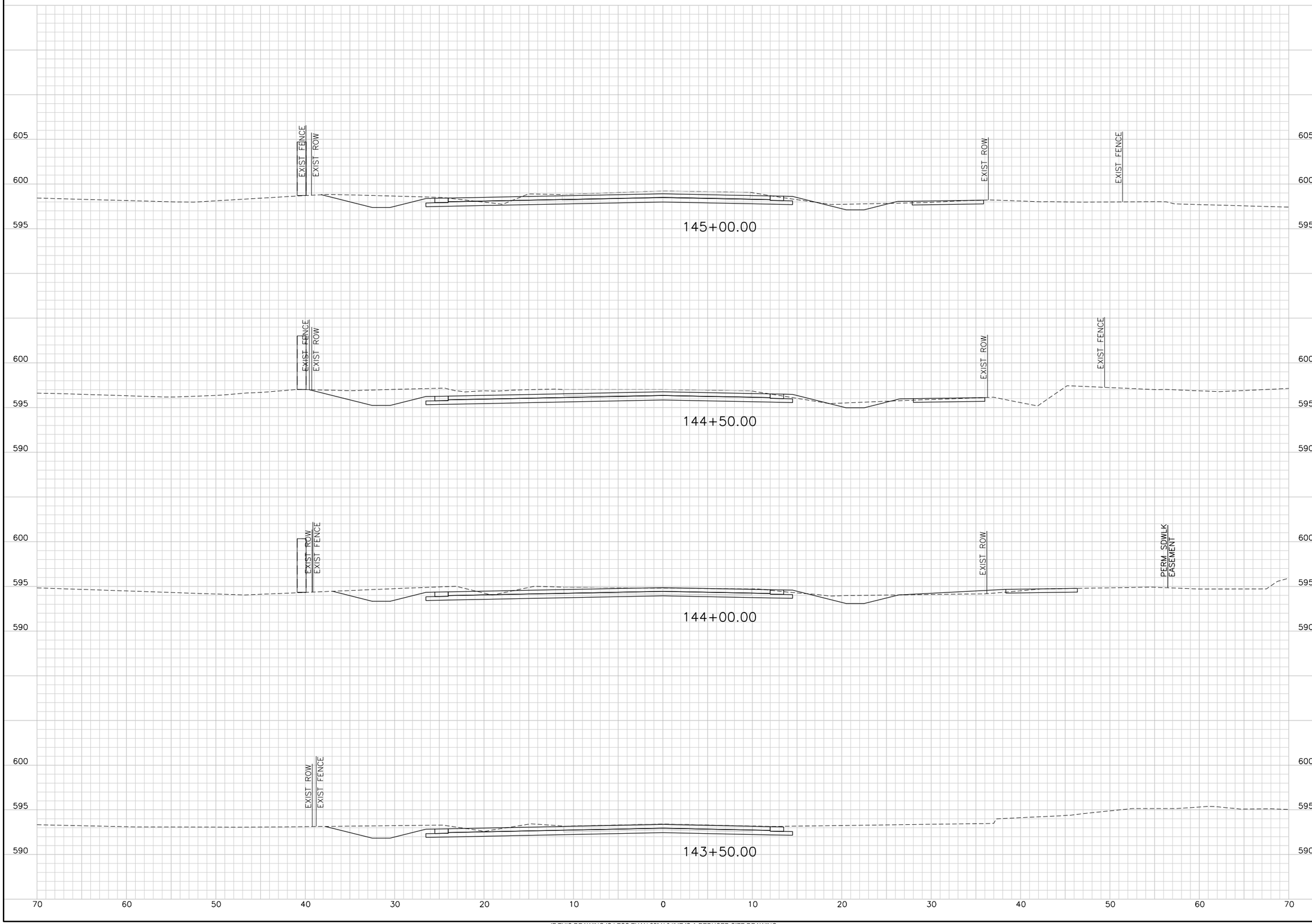
SHEET NO.
C-RDW-802-OPT 3-11



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GLADE ROAD
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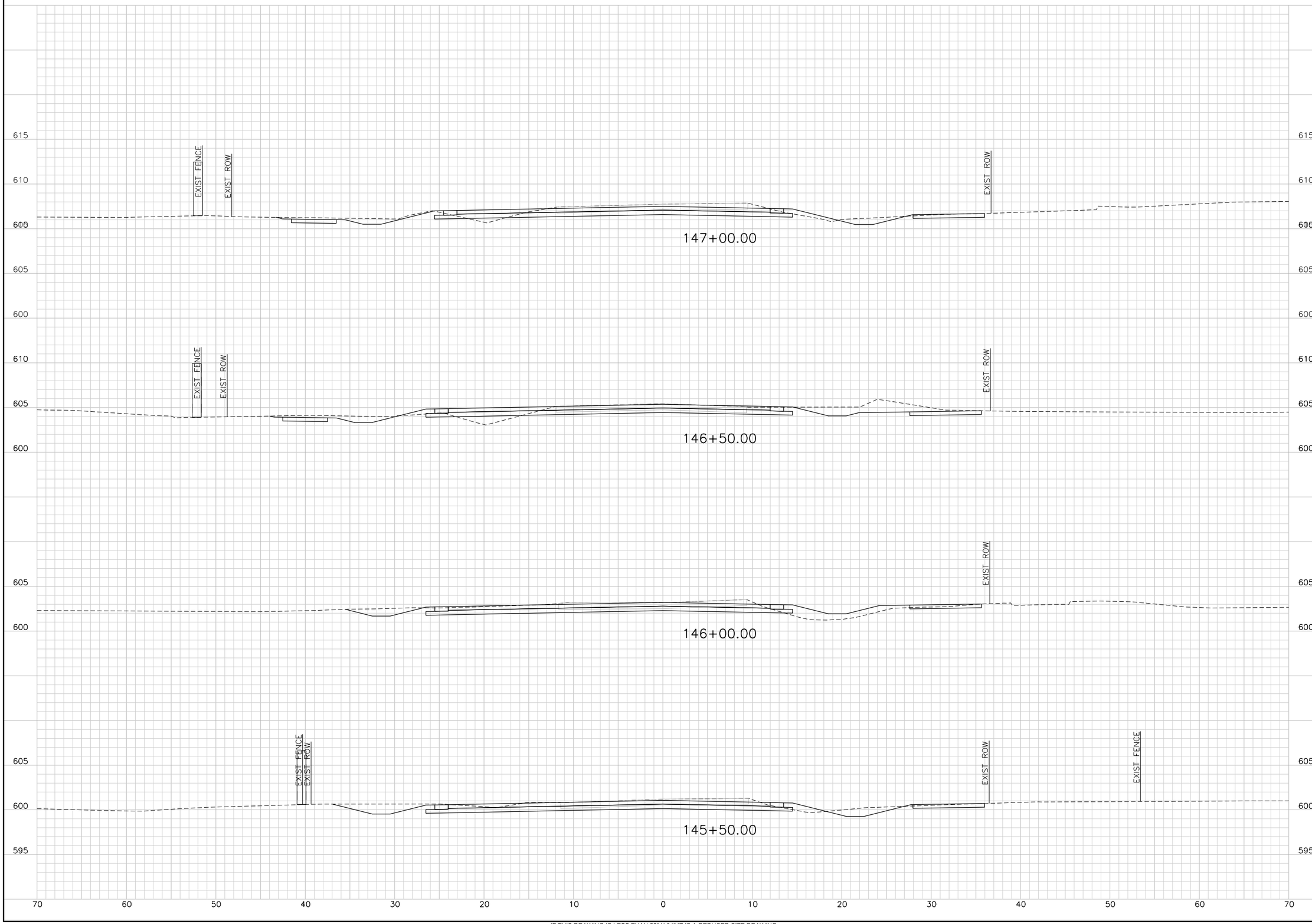
SHEET NO.
C-RDW-802-OPT 3-12



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GLADE ROAD
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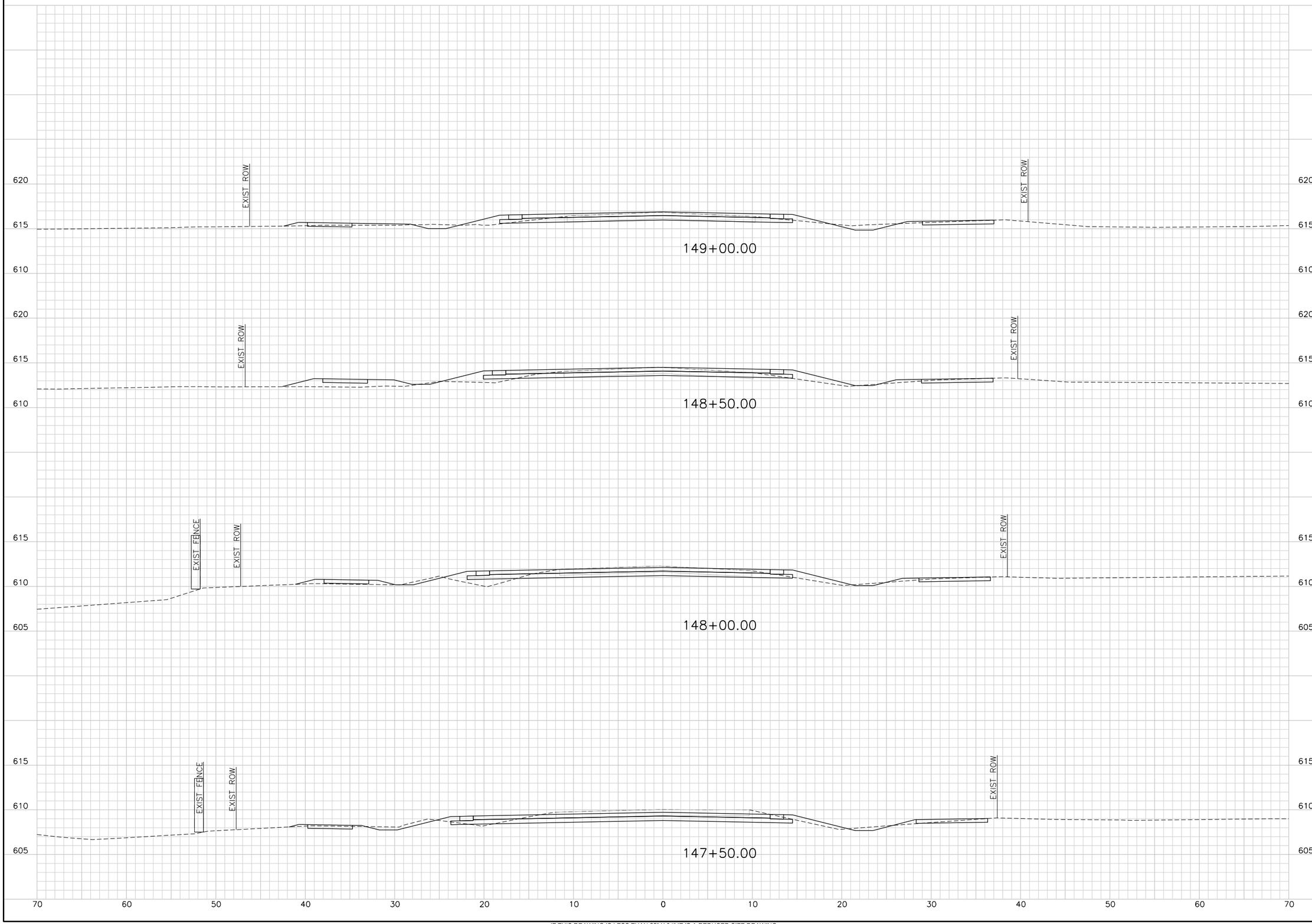
SHEET NO.
C-RDW-802-OPT 3-13



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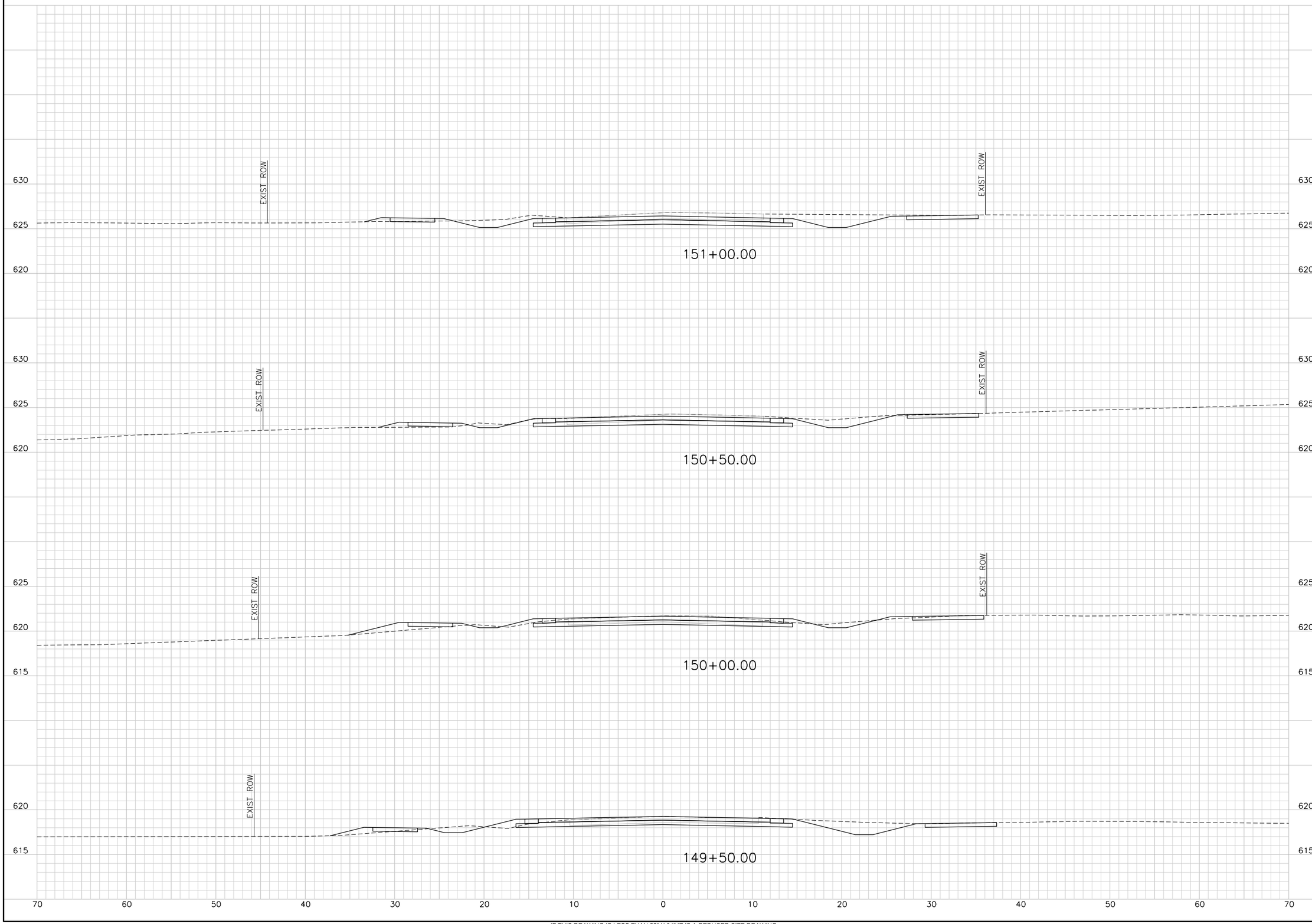
SHEET NO.
C-RDW-802-OPT 3-14



IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

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SUITE 1100
FORT WORTH, TX 76102
PHONE: 817-339-8850
FAX: 817-335-2247

CONSULTANTS:

GLADE ROAD PROJECT
PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

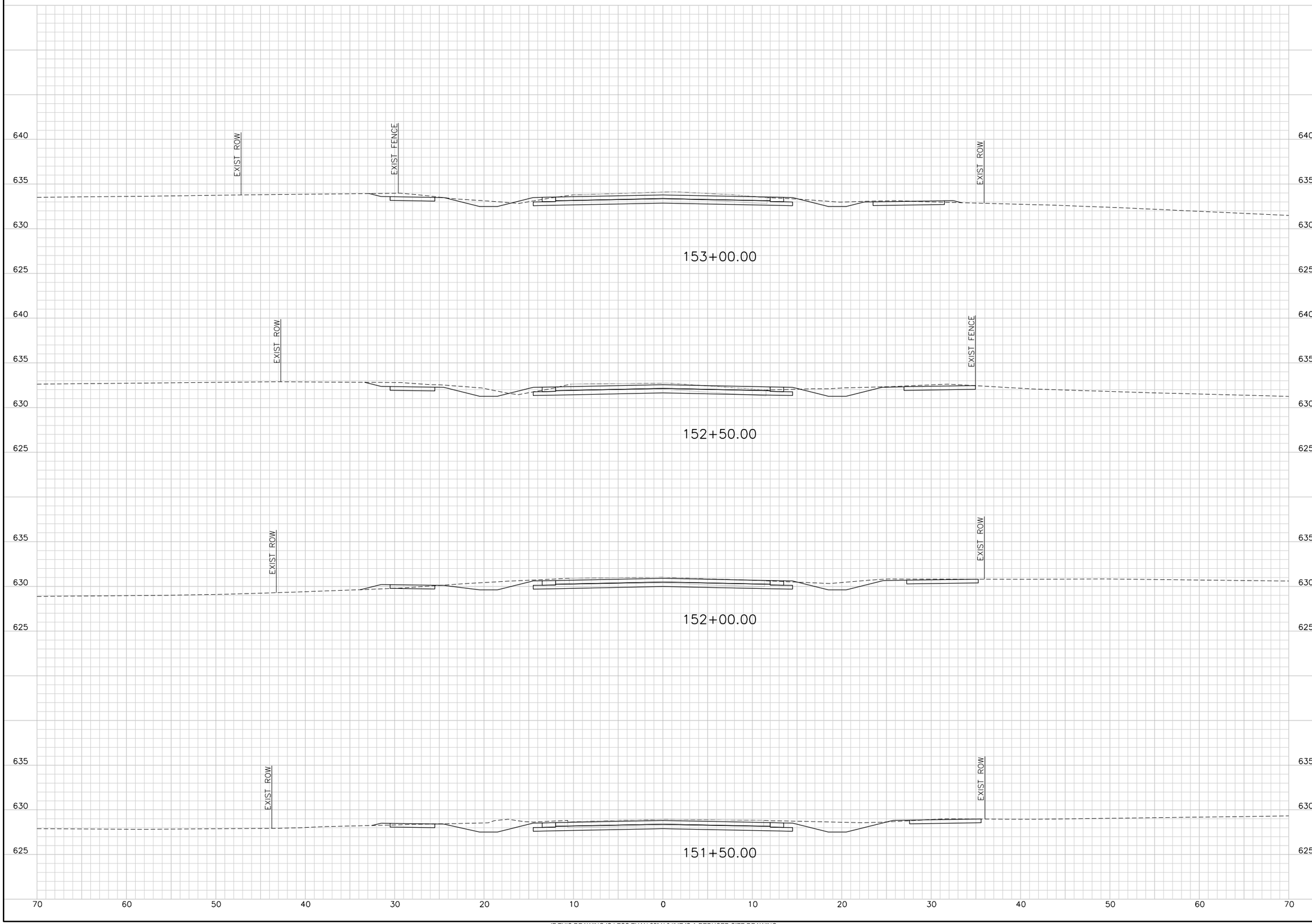
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-15



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CONSULTANTS:

GLADE ROAD PROJECT
PHASE I
COLLEYVILLE, TX

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-16

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

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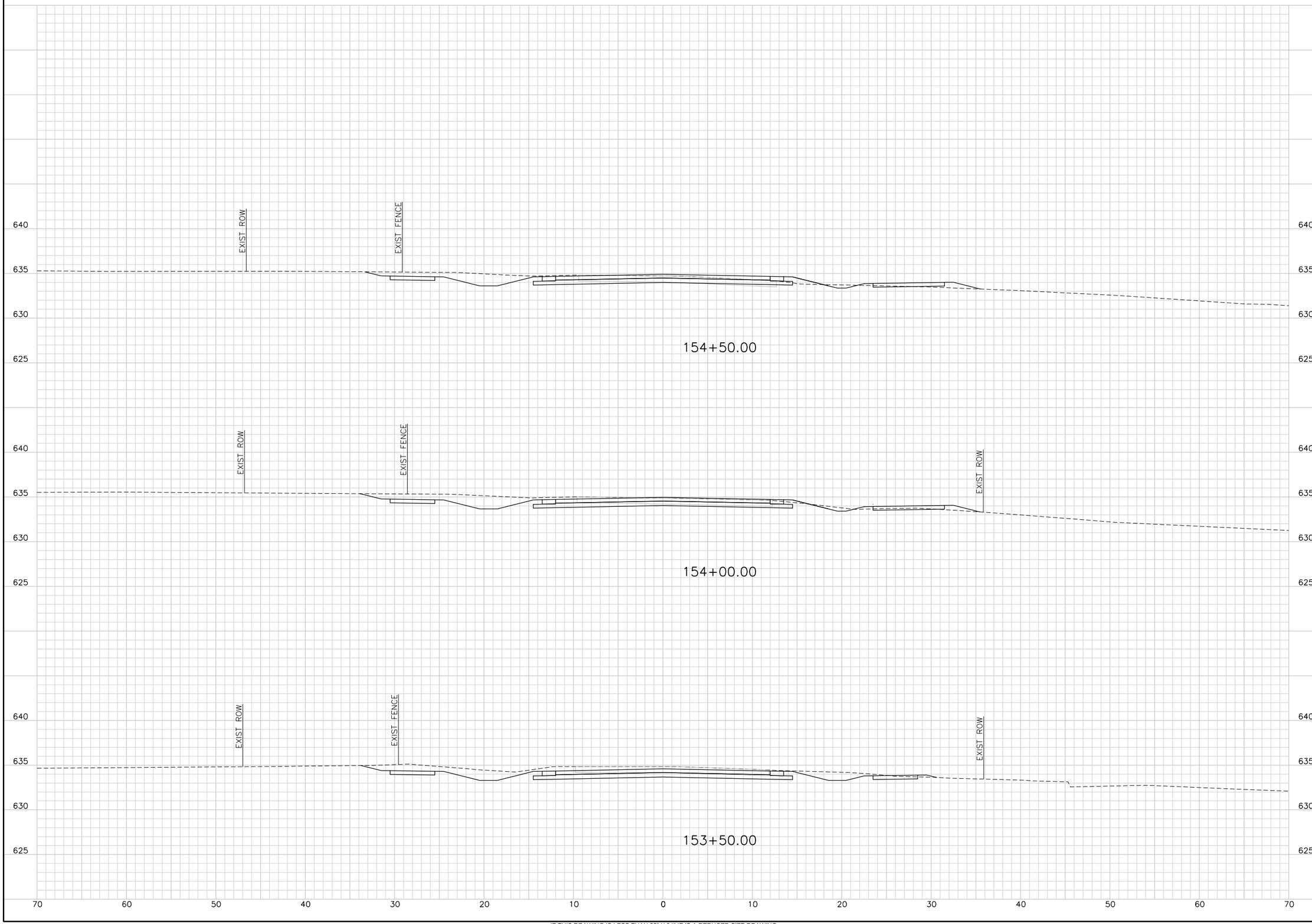

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CITY OF COLLEYVILLE TEXAS

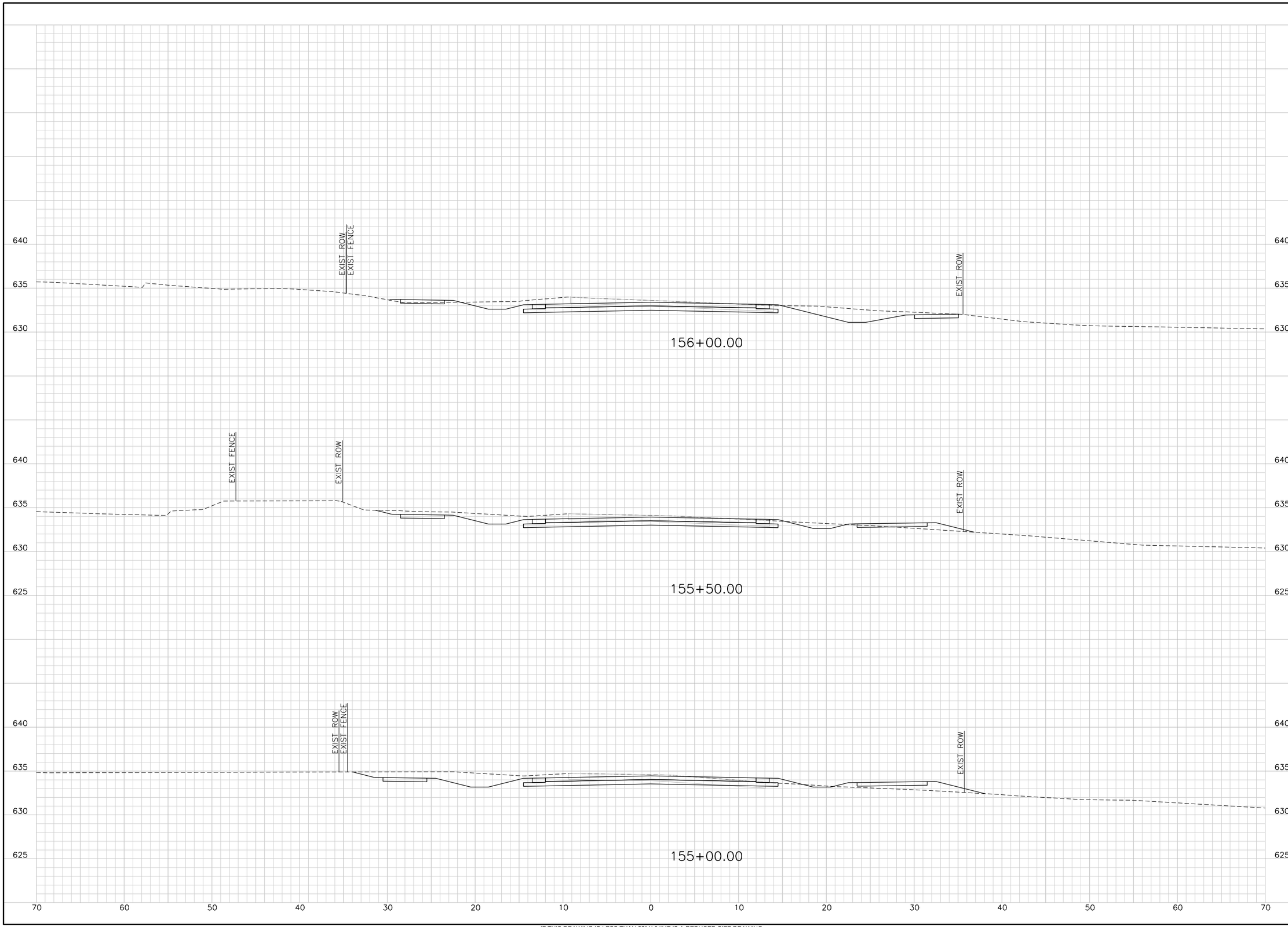
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-17



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CONSULTANTS:

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PHASE I
COLLEYVILLE, TX

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-18

$USER$ $DATE$ - $TIME$ - $FILE$

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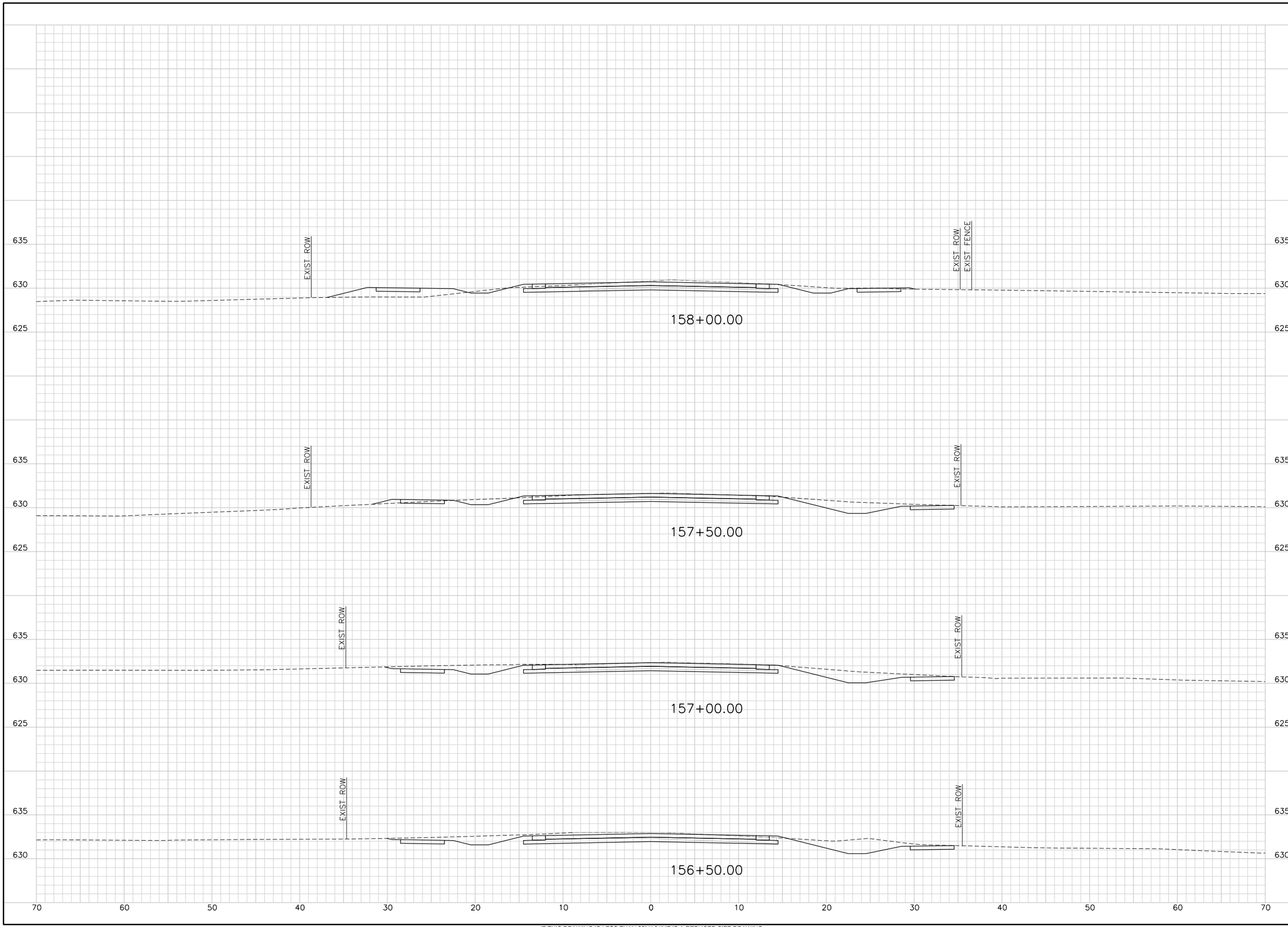

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IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

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CITY OF COLLEYVILLE TEXAS

REVISIONS:

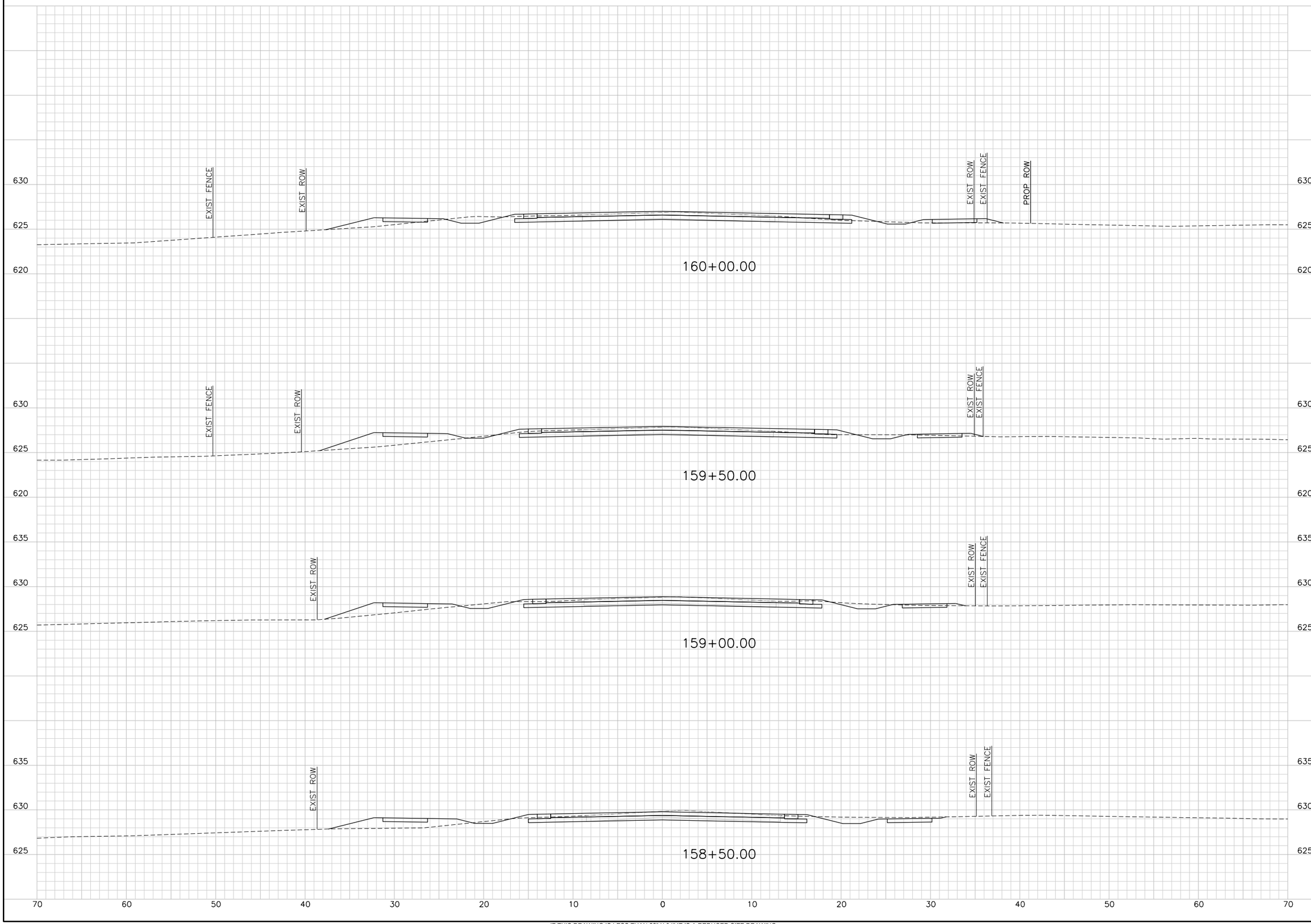
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-19



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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
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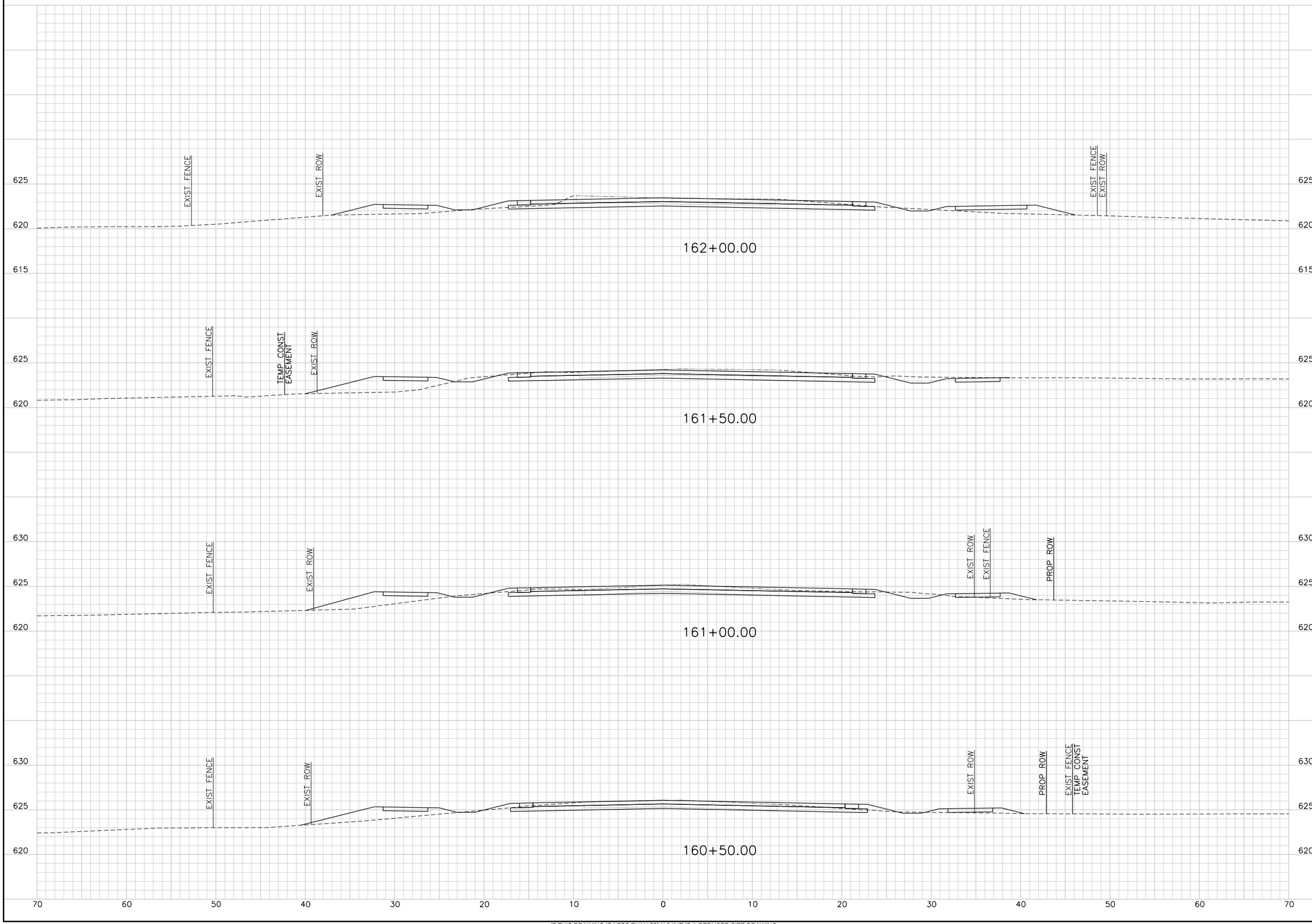
SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-20

$USER$ $DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING



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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-21

$USER$ $DATE$ - $TIME$ - $FILE$

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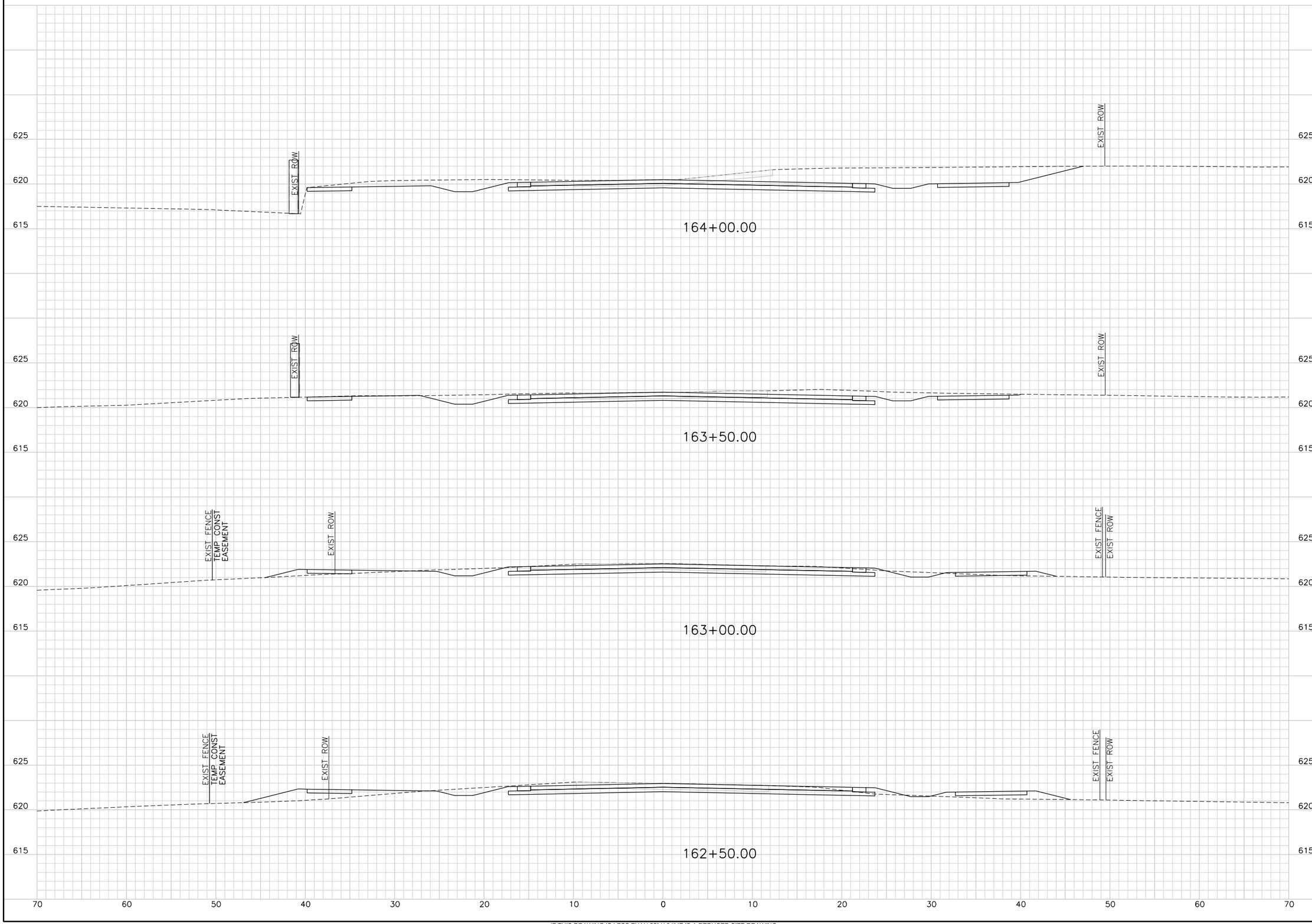

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

$USER$ $DATE$ - $TIME$ - $FILE$

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PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

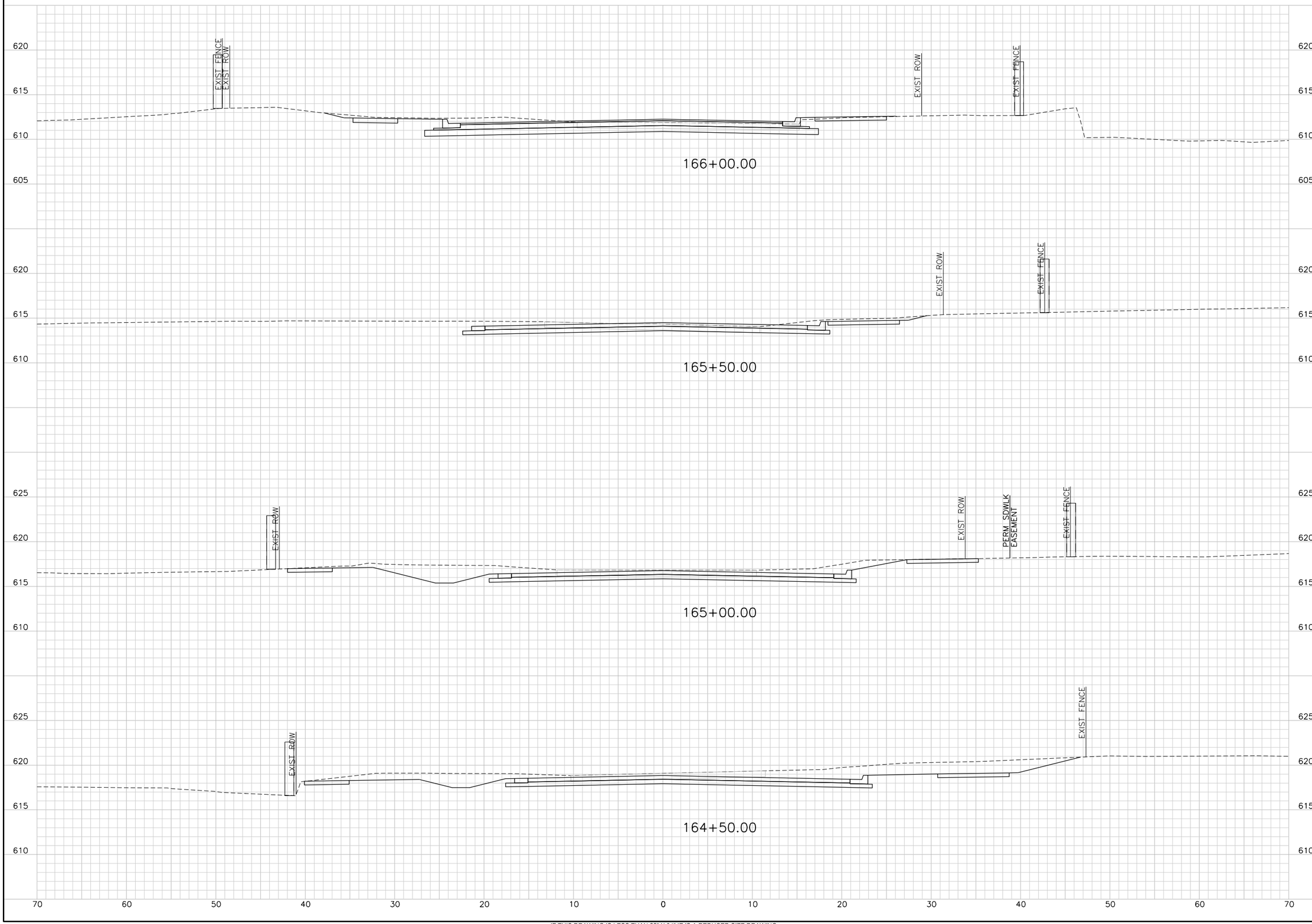
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-22



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PHASE I
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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
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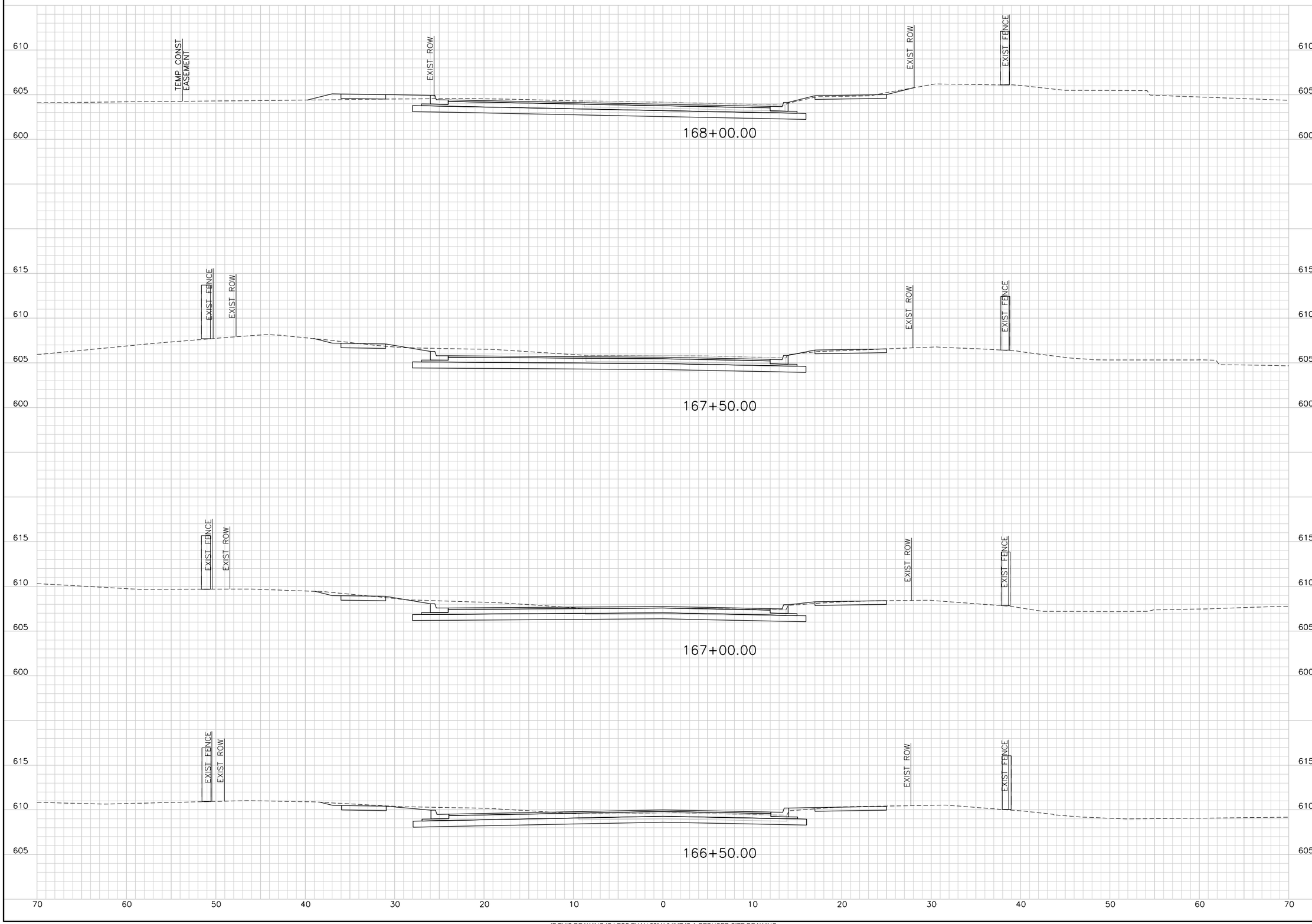

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

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CONSULTANTS:

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PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
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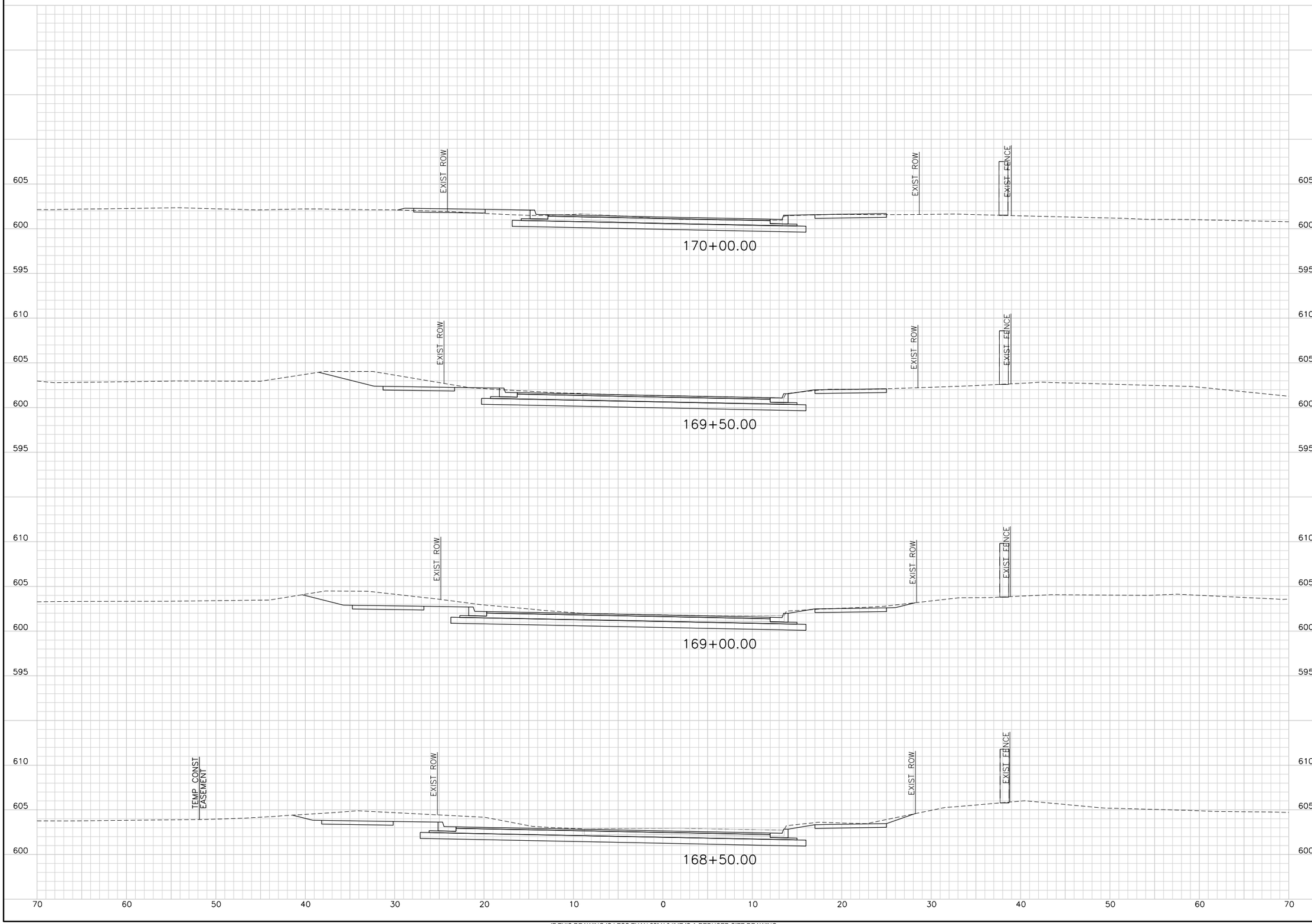
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-24



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CONSULTANTS:

GLADE ROAD PROJECT
PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

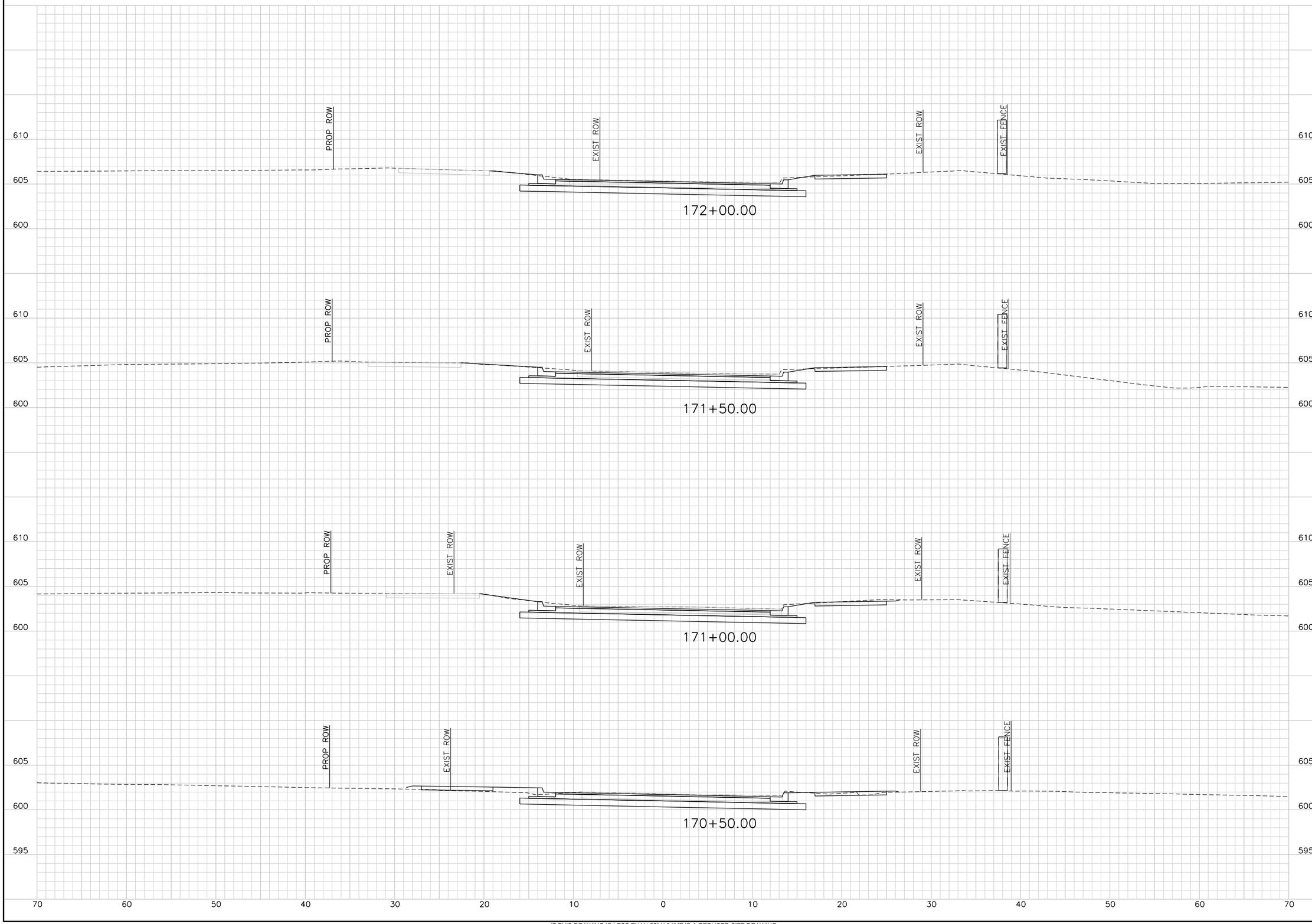
REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-25



TRANSYSTEMS CORPORATION
CONSULTANTS - F-3557
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SUITE 1100
FORT WORTH, TX 76102
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PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
DRAWN BY: KAB
CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
C-RDW-802-OPT 3-26

$USER$ $DATE$ - $TIME$ - $FILE$

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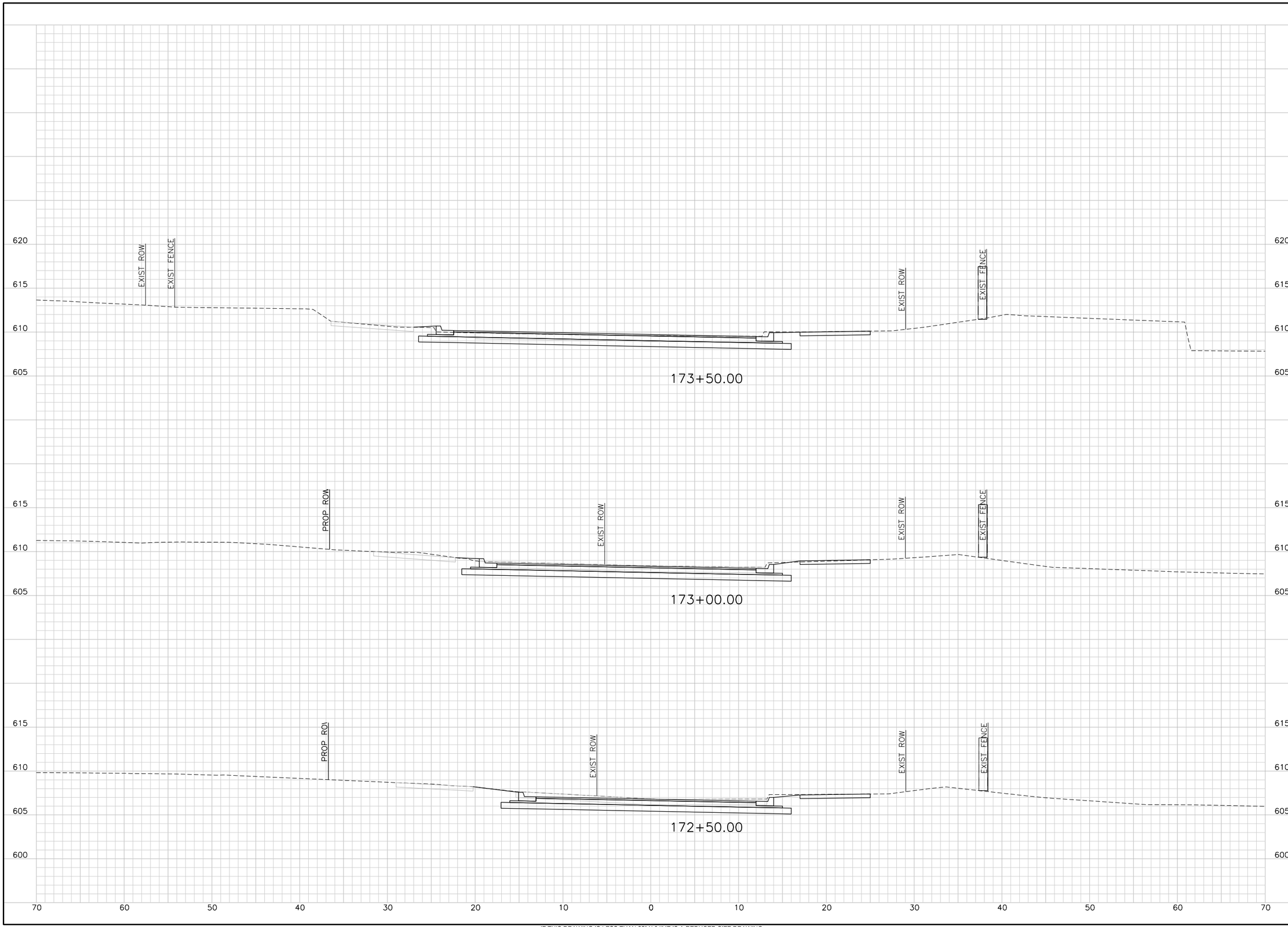

IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING

$USER$
$DATE$ - $TIME$ - $FILE$

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PHASE I
COLLEYVILLE, TX

CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
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CHECKED BY: CGG

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GLADE ROAD
CROSS SECTIONS

SHEET NO.
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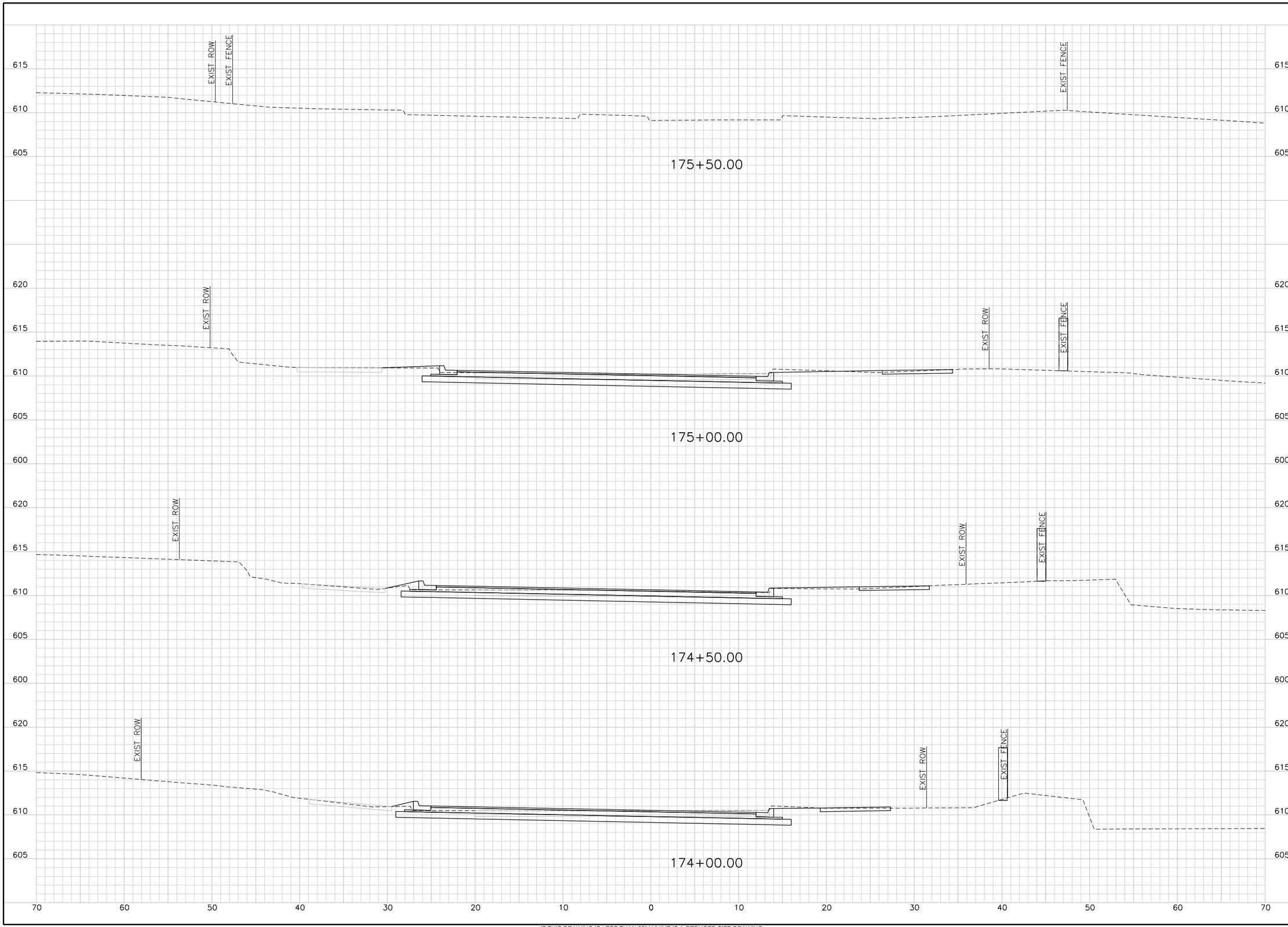

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CITY OF COLLEYVILLE TEXAS

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO: P202130124
SCALE: 1" = 10'
DATE: $DATE$
DESIGNED BY: JWZ
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CHECKED BY: CGG

SHEET TITLE:

GLADE ROAD
CROSS SECTIONS

SHEET NO.
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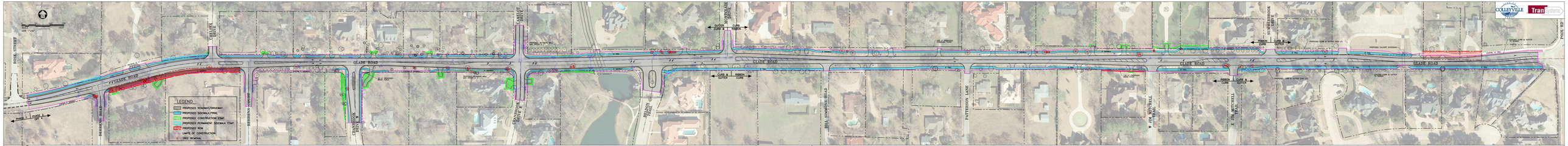
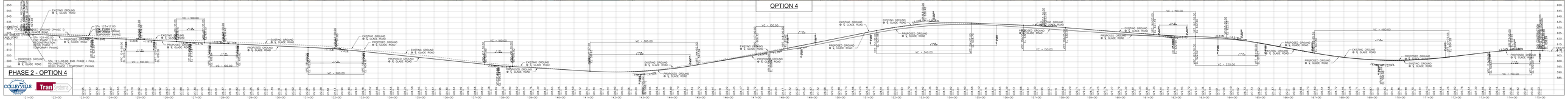
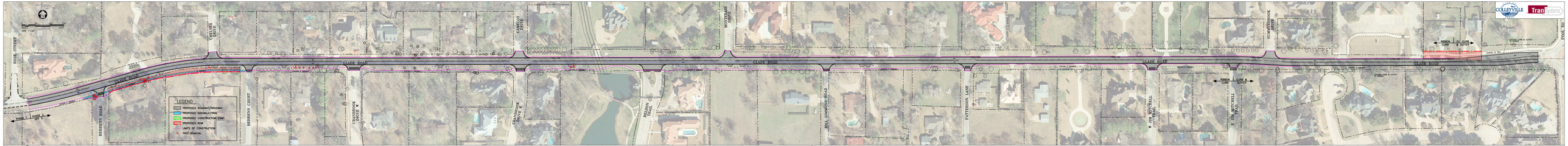
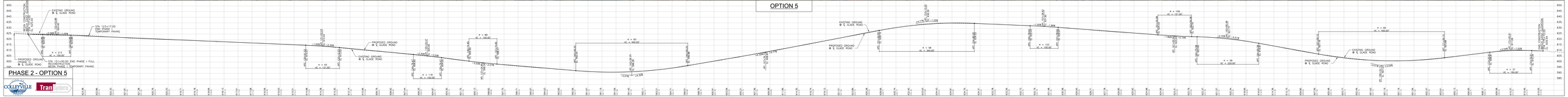
IF THIS DRAWING IS LESS THAN 22" X 34" IT IS A REDUCED SIZE DRAWING


OPTION 4
LEGEND
PROPOSED ROADWAY/DRIVEWAY
PROPOSED SIDEWALK/TRAIL
PROPOSED CONSTRUCTION EZMT.
PROPOSED PERMANENT SIDEWALK EZMT.
PROPOSED ROW
LIMITS OF CONSTRUCTION
TREE REMOVAL
GLADE ROAD
ROSS STREET
BISHOP ROAD
EDWARDS COURT
CHANDLER DRIVE
CAMELOT DRIVE
BRAYTON DRIVE
HEALEY VALLEY
BILL SAMMONS ROAD
PATTERSON LANE
W. JIM MITCHELL TRAIL
N. JIM MITCHELL TRAIL
N. STEVENSON DRIVE
POST RD
COLLEYVILLE
Transcriptions


PHASE 2 - OPTION 4
COLLEYVILLE
Transcriptions



OPTION 5



PHASE 2 - OPTION 5

SUMMARY OF TREE REMOVALS						
Tree Description/Condition	**Base**	**Option 1**	**Option 2**	**Option 3**	**Option 4**	**Option 5**
Number of Trees Removed that are 6" or Less	4	18	10	13	7	5
Number Removed 6" or Greater in Poor Condition	9	13	16	19	11	7
	13	**31**	**26**	**32**	**18**	**12**
Number Removed 6" or Greater in Fair Condition	28	76	34	59	31	12
Number Removed 6" or Greater in Good Condition	7	12	1	9	11	2
Number Removed with Undetermined Size	1	13	1	6	1	0
Total Number of Trees Removed	**36**	**101**	**36**	**74**	**43**	**14**

Parcel Type	Base Option		Option 1		Option 2		Option 3		Option 4		Option 5	
	# Parcels	Size (sqft)	# Parcels	Size (sqft)	# Parcels	Size (sqft)	# Parcels	Size (sqft)	# Parcels	Size (sqft)	# Parcels	Size (sqft)
Proposed ROW	5	15912.9	19	36790.8	13	20768.7	14	21902.3	5	16032.2	4	13665.3
Permanent Sidewalk Easments	2	1909.5	7	3617.1	3	975.3	3	975.3	4	2319.8	0	0.0
Temporary Construction Easement	18	9461.5	17	15228.5	13	8160.3	20	10203.0	19	10628.1	0	0.0
Total Parcel Takes	**25**	**27283.9**	**43**	**55636.5**	**29**	**29904.3**	**37**	**33080.6**	**28**	**28980.1**	**4**	**13665.3**

ROW/Easement Estimated Cost	**$215,739.56**	**$478,918.39**	**$263,216.73**	**$280,951.93**	**$222,153.38**	**$157,151**