



RESOLUTION NO. 2022-112  
RESOLUTION NO. PFA-02  
ORDINANCE NO. 2022-03

## **AGENDA**

### OUR MISSION

Protect, enhance, and develop Calaveras County's water resources and watersheds to provide safe, reliable, and cost-effective services to our communities.

Regular Board Meeting  
Wednesday, December 14, 2022  
1:00 p.m.

Calaveras County Water District  
120 Toma Court  
San Andreas, California 95249

**Board Chambers are open to the public and the following alternative is available to members of the public who wish to participate in the meeting virtually:**

### Microsoft Teams meeting

**Join on your computer or mobile app**

[Click here to join the meeting](#)

**Or call in (audio only)**

[+1 323-647-8603,,992667616#](#) United States

Phone Conference ID: 992 667 616#

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Administration Office at 209-754-3028. Notification in advance of the meeting will enable CCWD to make reasonable arrangements to ensure accessibility to this meeting. Any documents that are made available to the Board before or at the meeting, not privileged or otherwise protected from disclosure, and related to agenda items, will be made available at CCWD for review by the public.

## **ORDER OF BUSINESS**

### **CALL TO ORDER / PLEDGE OF ALLEGIANCE**

1. **ROLL CALL**

2. **PUBLIC COMMENT**

**At this time, members of the public may address the Board on any non-agendized item. The public is encouraged to work through staff to place items on the agenda for Board consideration. No action can be taken on matters not listed on the agenda. Comments are limited to three minutes per person.**

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### **BOARD OF DIRECTORS**

Cindy Secada, President  
Bertha Underhill, Director

Scott Ratterman, Vice President  
Russ Thomas, Director

Jeff Davidson, Director

**3. BOARD RECONSTITUTION AND ELECTION OF OFFICERS**

- 3a Discussion/Action regarding Seating of Board Members and Election of Officers  
(Michael Minkler, General Manager)

**4. CONSENT AGENDA**

**The following items are expected to be routine / non-controversial. Items will be acted upon by the Board at one time without discussion. Any Board member may request that any item be removed for later discussion.**

- 4a Approval of Minutes for the Board Meetings of October 26, 2022, and November 9, 2022  
(Rebecca Hitchcock, Clerk to the Board)
- 4b Review Board of Directors Monthly Time Sheets for November 2022  
(Rebecca Hitchcock, Clerk to the Board)
- 4c Ratify Claim Summary #609 Secretarial Fund in the Amount of \$3,091,696.96 for November 2022  
(Michael Minkler, General Manager) **RES 2022-\_\_\_\_\_**
- 4d Report on the Monthly Investment Transactions for November 30, 2022  
(Michael Minkler, General Manager)
- 4e Re-Authorizing Remote Teleconference Meetings of the Board of Directors of The Calaveras County Water District for the Period of December 14, 2022, through January 13, 2023 Pursuant to AB 361  
(Rebecca Hitchcock, Clerk to the Board) **RES 2022-\_\_\_\_\_**
- 4f Approval of Credit Adjustment for APN 064-033-011  
(Jessica Self, External Affairs Manager) **RES 2022-\_\_\_\_\_**
- 4g Approval of Credit Adjustment for APN 098-009-016  
(Jessica Self, External Affairs Manager) **RES 2022-\_\_\_\_\_**
- 4h Approval of a Temporary Construction Easement for Pacific Gas and Electric Company on APN 304-004-062  
(Damon Wyckoff, Director of Operations) **RES 2022-\_\_\_\_\_**
- 4i Amendment of the Fiscal Year 2022/23 Personnel Allocation  
(Damon Wyckoff, Director of Operations) **RES 2022-\_\_\_\_\_**

**5. NEW BUSINESS**

- 5a\* Recognition of Tony Atnip for his 27 years of Service at the District  
(Damon Wyckoff, Director of Operations) **RES 2022-\_\_\_\_\_**
- 5b Presentation on the State of District Buildings and Facilities  
(Damon Wyckoff, Director of Operations)

5c Discussion/Action regarding Division 5/Jenny Lind and La Contenta/North Vista Plaza Water and Wastewater Service Facilities Agreement  
(Damon Wyckoff, Director of Operations) **RES 2022-\_\_\_\_\_**

5d Discussion/Action Regarding the Implementation of Third-Party Credit Card Transaction Fees  
(Jessica Self, External Affairs Manager)

5e Discussion/Direction regarding Board Member Compensation  
(Michael Minkler, General Manager)

**6. REPORTS**

6a Report on the December 2022 Operations and Engineering Departments  
(Damon Wyckoff, Director of Operations)

6b\* General Manager's Report  
(Michael Minkler)

**7.\* BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS**

**8. NEXT BOARD MEETINGS**

- Wednesday, January 11, 2023, 1:00 p.m., Regular Board Meeting
- Wednesday, January 25, 2023, 1:00 p.m., Regular Board Meeting

**9. CLOSED SESSION**

9a Conference with Legal Counsel – Anticipated Litigation. Significant exposure to litigation pursuant to subdivision (d)(2) of Government Code section 54956.9. 3 potential cases

9b Conference with Labor Negotiators Employee Organization SEIU Local 1021 and Management and Confidential Unit  
Government Code §54957.6 Negotiators: Michael Minkler and Stacey Lollar

**10. REPORTABLE ACTION FROM CLOSED SESSION**

**11. ADJOURNMENT**



# CALAVERAS COUNTY WATER DISTRICT

## Board of Directors

District 1      Scott Ratterman  
District 2      Cindy Secada  
District 3      Bertha Underhill  
District 4      Russ Thomas  
District 5      Jeff Davidson

## Financial Services

Umpqua Bank  
US Bank  
Wells Fargo Bank

## CCWD Committees

\*Engineering Committee  
\*Finance Committee  
\*Legal Affairs Committee

## Joint Power Authorities

ACWA / JPIA  
CCWD Public Financing Authority  
Calaveras-Amador Mokelumne River Authority (CAMRA)  
Calaveras Public Power Agency (CPPA)  
Eastern San Joaquin Groundwater Authority  
Tuolumne-Stanislaus Integrated Regional Water  
Management Joint Powers Authority (T-Stan JPA)  
Upper Mokelumne River Watershed Authority (UMRWA)

## Other Regional Organizations of Note

Calaveras County Parks and Recreation  
Committee  
Highway 4 Corridor Working Group  
Mountain Counties Water Resources  
Association (MCWRA)  
Mokelumne River Association (MRA)  
Tuolumne-Stanislaus Integrated Regional Water  
Mgt. JPA Watershed Advisory Committee (WAC)  
Eastern San Joaquin Groundwater Authority-Technical  
Advisory Committee

## Legal Counsel

Matthew Weber, Esq.  
Downey Brand, LLP

## Auditor

Richardson & Company, LLP

## Membership\*\*

Thomas / Davidson (alt. Secada)  
Underhill / Secada (alt. Thomas)  
Davidson / Ratterman (alt. Thomas)

Ratterman (alt. Michael Minkler)  
All Board Members  
Ratterman / Underhill (alt. Secada)  
Michael Minkler (Alt. Brad Arnold)  
Thomas  
Secada (alt. Thomas)  
Davidson (alt. Ratterman)

Thomas (alt. Ratterman)

Thomas / Underhill  
All Board Members

All Board Members  
Brad Arnold

Brad Arnold

\* Standing committees, meetings of which require agendas & public notice 72 hours in advance of meeting.

\*\* The 1<sup>st</sup> name listed is the committee chairperson.

# Agenda Item

DATE: December 14, 2022  
TO: Board of Directors  
FROM: Michael Minkler, General Manager  
SUBJECT: Seating of Board Members and Election of Officers

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## **RECOMMENDED ACTION:**

1. Re-elected Board Members are sworn in and seated.
2. Elect President and Vice President.
3. The new President may choose to appoint members to the Engineering Committee, Finance Committee, and Legal Affairs Committee (Standing Committees of the Board). However, the new President may want to delay making the appointments until the January 14, 2023 meeting to canvass the preferences of each Board member for those appointments.
4. It is also customary at the next regularly scheduled Board meeting for the newly elected President to make appointments to other committees and associations of interest to the agency as well as to request a vote of the Board with regard to the appointment of members to Joint Power Authorities (JPAs) of which the District is a member.

## **BACKGROUND:**

Cindy Secada, Director of District 2, Bertha Underhill, Director of District 3, and Russ Thomas, Director of District 4, will be re-seated; Directors Secada, Underhill, and Thomas will take and sign their oaths of office during this meeting.

## **Election of Officers**

Now is the time year when the Board elects its officers for the following year, the President and Vice President. District policy (established by Resolution 2289 on December 8, 1977 and amended by Resolution 88-168 on December 8, 1988) also established that the “terms of the office shall be for one year with the right of succession for one or more years”.

The procedure for election of officers is as follows:

- The current President turns the meeting over to the General Manager who facilitates the election of the new President.

- After the President is elected, the General Manager facilitates the election of the new Vice President.
- The new President and Vice President are seated.

### **Committee Appointments**

As the Board is reconstituting itself, there are some other important actions that must be taken, namely, identifying committee memberships. Some memberships are Presidential appointments while others such as the appointment of Board Members to JPAs are taken by action of the full Board. Pursuant to Board Policy 4060, the President may make appointments to existing ad hoc and standing committees of the Board for the following year and, if so desired, eliminate existing committees. Such action must be taken no later than the Board's regular meeting in February.

At this time, the Board President may proceed to appoint members to the Engineering, Finance, and Legal Affairs Committees of the Board. Alternatively, and consistent with past practice, the President may ask that each Board member submit a list of his or her own preferences for committee and JPA appointments to the Clerk of the Board for consideration by the President who will announce committee and other appointments as well as recommendations for Board action on JPA appointments at the next meeting on January 14, 2023.

### **FINANCIAL CONSIDERATIONS:**

\$120 per meeting, up to six (6) meetings per calendar month, as well as reimbursement of certain authorized expenses as requested by each Board member.

Attachment: *Resolution No. 88-168*

RESOLUTION NO. 88-168

BE IT RESOLVED by the Board of Directors of CALAVERAS COUNTY WATER DISTRICT that Resolution No. 2289 setting the terms of presiding officers shall be amended as follows:

Section 2 - Presiding Officer of Calaveras County Water District  
Rules and Regulations

2. Presiding Officer: The President of the Board shall preside at all meetings attended by him/her. In the absence of the President the Vice President shall preside; and in the absence of both the President and Vice President the members of the Board attending the meeting shall choose a Chairperson, who shall preside at said meeting.

An election will be held by the directors (pursuant to Water Code Section 30520) for the offices of the President and Vice President, such election to be held every year during the second meeting in November or within 30 days after the Board has been reconstituted. The terms of the office shall be for one year with the right of succession for one or more years.


PASSED AND ADOPTED this 8th day of December, 1988 by the following vote:

AYES: Directors Clark, Johnson, Neilsen, Gleason and Queirolo

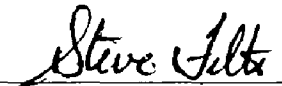
NOES: None

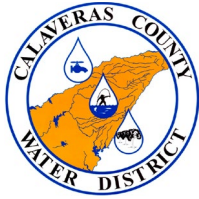
ABSENT: None

CALAVERAS COUNTY WATER DISTRICT

  
\_\_\_\_\_  
President

ATTEST:

  
\_\_\_\_\_  
Secretary



## MINUTES

### CALAVERAS COUNTY WATER DISTRICT REGULAR BOARD MEETING

OCTOBER 26, 2022

Directors Present: Cindy Secada, President  
Scott Ratterman, Vice-President  
Bertha Underhill, Director  
Russ Thomas, Director  
Jeff Davidson, Director

Staff Present: Michael Minkler, General Manager  
Matt Weber Esq, General Counsel  
Rebecca Hitchcock, Clerk to the Board  
Jeffrey Meyer, Director of Administrative Services  
Damon Wyckoff, Director of Operations  
Jesse Hampton, Plant Operations Manager  
Stacey Lollar, Human Resources Manager  
Brad Arnold, Water Resources Manager  
Jessica Self, External Affairs Manager  
Kate Jesus, Engineering Coordinator  
Pat Burkhardt, Construction and Maintenance Manager  
Charles Palmer, District Engineer  
Kevin Williams, Senior Civil Engineer  
Tiffany Burke, Administrative Technician Senior  
Kelly Richards, Customer Service Supervisor  
Catherine Eastburn, Accountant I  
Kelly Soulier-Doyle, Accounting Technician II  
Corinne Skrbina, Customer Service Senior  
Carol Bowen, Customer Service  
Kate Darby, Customer Service

Others Present:

Pat McGreevy  
Linda Boyd  
Andy Pereira  
Donald Jensen  
Lese Bolte-Jensen  
Richard Metcalf  
Ellen Metcalf  
Hector Varga  
Linda Mormon  
Daisy Berba  
Tim Brussmeau

Ralph Copeland  
Marty DeMartini  
Connie DeLuca  
Vincent DeLuca  
Suzanne Davis  
Al Segalla

Approximately 25 additional members of the public participated online.



## ORDER OF BUSINESS

### CALL TO ORDER / PLEDGE OF ALLEGIANCE

#### 1. ROLL CALL

President Secada called the Regular Board Meeting to order at 1:03 p.m. and led the Pledge of Allegiance. All Directors were present.

#### 2. PUBLIC COMMENT

Lese Jensen addressed the Board regarding some CCWD properties in her area that have dilapidated buildings. She would like this item added to a future agenda.

#### 3. CONSENT AGENDA

**MOTION: Directors Underhill/Davidson-Approved Consent Agenda Items:  
3a, 3b, and 3c as presented**

3a Approval of Minutes for the Board Meeting of September 28, 2022  
(Rebecca Hitchcock, Clerk to the Board)

3b Report on the Monthly Investment Transactions for September 2022  
(Jeffrey Meyer, Director of Administrative Services)

3c Approve the Cancellation of the Board Meetings of November 23 and December 28, 2022  
(Michael Minkler, General Manager)

**AYES: Directors Underhill, Davidson, Ratterman, Thomas, and Secada**

**NOES: None**

**ABSTAIN: None**

**ABSENT: None**

#### 4. NEW BUSINESS

4c Update on Biosolids Composting  
(Michael Minkler, General Manager)

**DISCUSSION:** Mr. Minkler introduced the item to the Board. He explained that biosolids have been treated through the wastewater treatment process creating something similar to fertilizer. CCWD must truck biosolids all the way to Suisun, CA at a cost of about \$200,000 per year. There have been past discussions about the need for a biosolids facility in Calaveras County. He stated a few months ago, there was an informal discussion between staff and a developer regarding a possible biosolids facility and there were multiple locations in the county discussed. The developer was also talking to the Calaveras County planning department, and they held a hearing to determine if a project like this would be allowed in the public service zoning specification. The developer submitted conceptual design at the proposed CCWD facility in Copperopolis. He explained that no project applications have been submitted and everything is still conceptual. CCWD held a town hall meeting in Copperopolis to address this issue with the public and today it is on the agenda to have the same discussions with the Board. Director Davidson stated that the District used to truck the bio-solids to the Rock Creek dump out in Milton until the County determined the moisture content was too high

and could no longer accept it. He recommended people attend the Board of Supervisors meeting and ask about taking biosolids to the landfill again. Director Thomas would like to discuss the possibility of a biosolids facility adjacent to Rock Creek Landfill. Director Ratterman asked if other agencies would benefit from a biosolids facility in Calaveras County. Mr. Minkler discussed the Phoenix Energy biomass facility that the District is partnered with in West Point. Director Underhill asked how much the District spends on trucking our biosolids to Suisun and Damon Wyckoff explained it was approximately \$200,000 per year. Director Thomas discussed the possible location, stating that Copperopolis would be one of many locations analyzed. Mr. Minkler stated that there has been no decision on this project and there would be a lengthy process that would be open to the public and the Board of Directors would have to approve the action. This was the first time the full Board of Directors have been presented with this topic.

**PUBLIC COMMENT:**

Donald Jensen addressed the Board regarding the potential biosolids facility location. He stated the developer stands to save a lot of money by choosing the Copperopolis location. He discussed the release of PFOA and PFOS during the biosolids processing. He also stated this would negatively affect home values in the area and a petition will be started to stop the project.

Suzanne Davis gave the Directors a printout regarding biosolids and reviewed the toxins that are produced during the biosolids process and stated a facility should not be located anywhere near a water source. She stated that using the fertilizer from these types of facilities is poisoning food.

Hector Vega expressed concern for the biomass plant and would like Copperopolis removed from the potential location list. He is upset about the potential loss of value to the neighboring homes and stated he will fight to keep it from happening.

Al Segalla stated as a real estate broker he did not feel a biomass facility would affect property values as there is already a sewage facility there. He added that composting can be a good thing and a benefit to the ratepayers.

An online participant spoke about an article in the Victorville Daily Press about a fire at a similar facility that has been burning for three months.

Linda Mormon lives near the plant and stated she is allergic to sulfur and would have to move if approved.

A Saddle Creek resident asked about the transport trucks traveling in and out of the area.

Director Secada stated she feels that there is a project in the works even though the District is stating otherwise.

Mr. Minkler responded that any project would have to go through a thorough environmental review about explained how an environmental review works.

Cindy Babros discussed the potential traffic issues and stated farmers need to keep records if they use this type of fertilizer.

Steven addressed the Board regarding the list of potential locations and wants Copperopolis removed.

Mr. Minkler commented that there is no official list of potential locations, and a developer could not get a permit from the County on District property without permission from the CCWD Board of Directors. He added that CCWD has no interest in pushing a project that is harmful to the community.

Director Thomas expressed his appreciation for the public attending the meeting and wants to support the community. He also clarified that a spill at the treatment plant cannot get into Lake Tulloch.

This item was for information only; no action was taken.

**RECESS** was called at 2:05 p.m. **SESSION RESUMED** at 2:15 p.m.

- 4b Discussion/Action to approve the application for grant funds for South Fork Mokelumne River Watershed Vegetation Management (Jessica Self, External Affairs Manager) **RES 2022-106**

**MOTION: Directors Davidson/Ratterman–Adopted Resolution No. 2022-106 Approving the application for grant funds for South Fork Mokelumne River Watershed Vegetation Management**

**DISCUSSION:** Jessica Self stated that the proposed project would reduce hazardous fuels on 438 acres to create a landscape scale fuel break. The project will masticate 31 private parcels (326 acres) and four CCWD properties (112 acres). This project would provide wildfire protection for CCWD's critical infrastructure in the West Point service area as well as the communities of West Point, Sandy Gulch, Wilseyville, Bummerville and Rail Road Flat. The proposed project is an important addition to the Hwy 26 Wildfire Defense System that starts at Lily Gap in the upcountry, runs southwest through Bummerville, and ends in Glencoe. In total, the project would reduce hazardous fuels to increase the span of the Wildfire Defense System to 7.5 air miles. If the Sierra Nevada Conservancy awards CCWD funds for this project, the District would be the fiscal agent. Pat McGreevy from Cal-Am Forestry discussed the terms and timing of the grant.

**PUBLIC COMMENT:** There was no public comment.

**AYES:** Directors Davidson, Ratterman, Underhill, Thomas, and Secada  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** None

- 4b Discussion/Action regarding Maintenance and Warehouse Building Project CIP 11101
- Awarding the Construction Contract for Maintenance and Warehouse Building for Tenant Improvements, Project CIP #11101 (Kevin Williams, Sr. Civil Engineer) **RES 2022-107**

**MOTION: Directors Davidson/Thomas–Adopted Resolution No. 2022-107 Awarding a Construction Contract for Maintenance and Warehouse Building for Tenant Improvements, Project CIP #11101**

**DISCUSSION:** Kevin Williams presented the next steps on the construction on the Maintenance and Warehouse building. The project finishes the inside of the building to enable staff to move in and work in the building. He reviewed the bid from Plummerbuilt who originally constructed the building. Mr. Williams stated that this design had been previously presented to the Engineering

Committee and explained the budget adjustment needed to move funds from the next fiscal year to the current fiscal year in order to complete the building and prepare for move in. There was discussion about what was included in the bid and the budget amendment. Jeff Meyer, Director of Administrative services addressed the Board regarding the budget amendment and the funds that would be used to pay for it.

**PUBLIC COMMENT:** There was no public comment.

**AYES:** Directors Davidson, Thomas, Ratterman, Underhill, and Secada  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** None

- Amending the FY 2022-23 CIP Budget Funding for the Maintenance and Warehouse Building Project, CIP 11101 (Kevin Williams, Sr. Civil Engineer) **RES 2022-108**

**MOTION:** Directors Ratterman/Underhill–Adopted Resolution No. 2022-108 Amending the FY 2022-23 CIP Budget Funding for the Maintenance and Warehouse Building Project, CIP 11101

**DISCUSSION:** There was no additional discussion on this item.

**PUBLIC COMMENT:** There was no public comment.

**AYES:** Directors Ratterman, Underhill, Thomas, Davidson, and Secada  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** None

5. **OLD BUSINESS**

There was no old business

6. **REPORTS**

- 6a Customer Service Report  
(Kelly Richards, Customer Service Supervisor)

**DISCUSSION:** Kelly Richards presented the Customer Service report out. She reviewed the number of calls, emails, and work orders for the past three months. She spoke about the projects and programs the customer service department is involved in and answered questions from the Board.

**PUBLIC COMMENT:**

Ralph Copeland asked about auto pay customers still getting a bill in the mail.

- 6b General Manager’s Report  
(Michael Minkler)

**DISCUSSION:** Mr. Minkler reported on the following activities: 1) the MCWRA Water, Wildfire, and Wine event was fantastic and well attended; 2) he gave a presentation about CCWD to the MCWRA

Board; 3) the Finance Committee meeting on Monday; 4) the upcoming Engineering Committee meeting; 5) the management team attended a two day writing seminar; 6) a meeting in West Point about the Biomass power plant; 7) UPUD meeting regarding the Slurry Line; 8) the ACWA JPIA Leadership Seminar he is attending; 9) a water outage tomorrow in Copperopolis between 9pm-12am due to a repair; 10) the CPPA rates are going up another 30% in January on top of the 60% it has already gone up; and 11) a meeting with the Valley Springs irrigators.

**7. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS**

Director Thomas reported that he thought the MCWRA WWW Event was great.

Director Davidson had nothing to report.

Director Ratterman had nothing to report.

Director Underhill reported the MCWRA WWW Event was terrific. She discussed a fact sheet about the Calaveras Consolidated Fire Protection District.

Director Secada reported she also thought the MCWRA WWW Event was great.

**8. NEXT BOARD MEETINGS**

- Wednesday, November 9, 2022, 1:00 p.m., Regular Board Meeting
- Wednesday, November 23, 2022, 1:00 p.m., Regular Board Meeting-**Cancelled**

**9. CLOSED SESSION**

The meeting adjourned into Closed Session at approximately 3:19 p.m. Those present were Board Members: Cindy Secada, Russ Thomas, Bertha Underhill, Scott Ratterman, and Jeff Davidson; staff members Michael Minkler, General Manager; and General Counsel, Matt Weber.

- 9a Conference with Legal Counsel – Potential Litigation  
Government Code §54956.9(b)(1) – 1 case

**10. REPORTABLE ACTION FROM CLOSED SESSION**

The Board reconvened into Open Session at approximately 3:38 p.m. There was no reportable action.

**11. ADJOURNMENT**

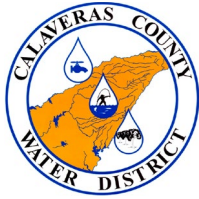
With no further business, the meeting adjourned at 3:38 p.m.

Respectfully Submitted:

ATTEST:

\_\_\_\_\_  
Michael Minkler  
General Manager

\_\_\_\_\_  
Rebecca Hitchcock  
Clerk to the Board



## MINUTES

### CALAVERAS COUNTY WATER DISTRICT REGULAR BOARD MEETING

NOVEMBER 9, 2022

Directors Present: Cindy Secada, President  
Scott Ratterman, Vice-President (Virtual)  
Bertha Underhill, Director (Virtual)  
Russ Thomas, Director

Directors Absent: Jeff Davidson, Director

Staff Present: Michael Minkler, General Manager  
Matt Weber Esq, General Counsel  
Rebecca Hitchcock, Clerk to the Board  
Damon Wyckoff, Director of Operations  
Stacey Lollar, Human Resources Manager  
Jessica Self, External Affairs Manager  
Kate Jesus, Engineering Coordinator  
Pat Burkhardt, Construction and Maintenance Manager  
Brad Arnold, Water Resources Manager  
Charles Palmer, District Engineer  
Kevin Williams, Senior Civil Engineer  
Sam Singh, Engineering Technician Senior  
Tiffany Burke, Administrative Technician Senior  
Kelly Richards, Customer Service Supervisor  
Kelly Soulier-Doyle, Accounting Technician  
Corinne Skrbina, Customer Service Senior  
Carol Bowen, Customer Service  
Kate Darby, Customer Service  
Jared Gravette, Senior Supervisor Construction Inspector  
Matthew Jarnagin, Distribution  
Doug Turner, Distribution  
Chris Skrbina, Distribution Senior  
Mike DuBurg, Distribution  
Dylan Smith, Information Systems Technician

Others Present: Donald Jensen  
Lese Bolte-Jensen  
Bill Slenter  
Nancy Henderson  
Dan Rich  
Dean Copans

**ORDER OF BUSINESS**

**CALL TO ORDER / PLEDGE OF ALLEGIANCE**

**1. ROLL CALL**

President Secada called the Regular Board Meeting to order at 1:04 p.m. and led the Pledge of Allegiance. Director Davidson was absent.

**2. PUBLIC COMMENT**

Lese Bolte-Jense addressed the Board regarding CCWD buildings in her area that are in desperate need of repair. She stated she thought this item was on the agenda since she had asked for that at the last Board meeting. She presented the Board with a printout with pictures for examples. Staff was directed to include this item for discussion at the next meeting.

**3. CONSENT AGENDA**

**MOTION: Directors Thomas/Underhill-Approved Consent Agenda Items:  
3a, 3b, 3d, and 3e as presented**

3a Approval of Minutes for the Board Meeting of October 12, 2022  
(Rebecca Hitchcock, Clerk to the Board)

3b Review Board of Directors Monthly Time Sheets for October 2022  
(Rebecca Hitchcock, Clerk to the Board)

***Director Thomas pulled Item 3c from the Consent Agenda***

3c Ratify Claim Summary #608 Secretarial Fund in the Amount of \$3,712,639.00 for  
October 2022  
(Michael Minkler, General Manager) **RES 2022-\_\_\_\_\_**

3d Report on the Monthly Investment Transactions for October 31, 2022  
(Michael Minkler, General Manager)

3e Re-Authorizing Remote Teleconference Meetings of the Board of Directors  
of The Calaveras County Water District for the Period of November 9, 2022 through  
December 8, 2022, Pursuant to AB 361  
(Rebecca Hitchcock, Clerk to the Board) **RES 2022-109**

**AYES: Directors Ratterman, Underhill, Thomas, and Secada**

**NOES: None**

**ABSTAIN: None**

**ABSENT: Director Davidson**

**OFF CONSENT AGENDA**

***Director Thomas pulled Item 3c from the Consent Agenda***

3c Ratify Claim Summary #608 Secretarial Fund in the Amount of \$3,712,639.00 for  
October 2022  
(Michael Minkler, General Manager) **RES 2022-110**

**MOTION:** Directors Thomas/Ratterman–Adopted Resolution No. 2022-110 Ratifying Claim Summary #608 Secretarial Fund in the amount of \$3,712,639.00 for October 2022

**DISCUSSION:** Director Thomas asked about the following items: 1) the JPIA Premiums; 2) the computer order; 3) rental of a scissor lift; 4) a trailer purchase; 5) the payment for patch paving; 6) the surface pro replacements; 7) the drainage inlet purchase for the District Corp yard; 8) the PG&E relocate payment; 9) the check to San Joaquin County Public Works; 10) a payment to Sutton Enterprises; and 11) two payments to United Rentals. Director Underhill asked about the payment for UMRWA UMO.

**PUBLIC COMMENT:** There was no public comment.

**AYES:** Directors Thomas, Ratterman, Underhill, and Secada  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** Director Davidson

#### 4. **PUBLIC HEARING**

President Secada opened the Public Hearing at 1:30 p.m.

4a Discussion/Action to regarding Amendment of the Commercial Account Review Policy  
(Jessica Self, External Affairs Manager) **ORD 2022-02**

**MOTION:** Directors Thomas/Ratterman-Adopted Ordinance No. 2022-02-Amending the Commercial Account Review Policy

**DISCUSSION:** Jessica Self reviewed the various meetings that the draft policy had been reviewed in the past several months. She summarized the changes in the policy and when the policy would take effect if adopted today.

The changes are as follows:

Water:

- Requests for water consumption review
- Consolidation of commercial water meters and accounts
- Master meters

Wastewater:

- Bi-monthly base rate and capacity review
- Consolidation of commercial wastewater accounts

**PUBLIC COMMENT:**

Dean Copans addressed the Board regarding the proposed changes. He stated that he has not had an opportunity to review the proposed document. He commented that the draft changes may not address his issues.

There was significant discussion regarding Mr. Copans' property and how the policy would affect it.



President Secada closed the Public Hearing at 2:05 p.m.

**AYES:** Directors Thomas, Ratterman, Underhill, and Secada  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** Director Davidson

**5. NEW BUSINESS**

5a Presentation on the Investment Report for the Period Ending September 30, 2020  
(Carlos Oblites, Chandler Asset Management)

**DISCUSSION:** Carlos Oblites and Kara Raynor-Sanchez from Chandler Investment Management delivered an update on the current state of the economy and the District's investment portfolio.

This item was for information only; no action was taken.

**RECESS** was called at 2:32 p.m. **SESSION RESUMED** at 2:39 p.m.

5b Discussion/Action for Award of a Design Services Contract for the Copper Cove Wastewater Tertiary Improvements (CIP #15094T)  
(Charles Palmer, District Engineer) **RES 2022-111**

**MOTION:** Directors Underhill/Thomas-Adopted Resolution No. 2022-111- Awarding a Design Services Contract for the Copper Cove Wastewater Tertiary Improvements (CIP #15094T)

**DISCUSSION:** Charles Palmer described the status of the project. He explained that Keller and Associates made progress on the technical evaluations and pre-design deliverables. Staff would like to hire Hydrosience to complete the remaining scope of work on the project. There was discussion on the current contract with Keller and Associates. Mr. Palmer introduced Bill Slenter with Hydrosience Engineers who discussed the project and schedule with the Board.

**PUBLIC COMMENT:** There was no public comment.

**AYES:** Directors Underhill, Thomas, Ratterman, and Secada  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** Director Davidson

5c Discussion/Action regarding Proposed Customer Service Representative I Limited Term position Conversion to Full Time Employee  
(Stacey Lollar, Manager Human Resources) **RES 2022-\_\_\_\_**

**MOTION:** Directors Secada/Thomas-by Minute Entry-Extended the Limited Term Position to June 2024

**DISCUSSION:** Stacey Lollar addressed the Board requesting change of the limited term Customer Service position into a full-time permanent position. She reviewed the historical head count in Customer Service which has been 4 full time equivalents (FTE) since 2014. If the position is made full-time, it would maintain the 4 FTE head count. There was discussion regarding the reasoning behind the temporary position, if those reasons remain, and the historical structure of the Customer

Service department. Kelly Richards, Customer Service Supervisor, added that there are several processes such as lock-offs that the department is currently not doing after the Tyler implementation and maintaining the current headcount would be beneficial to the department. After extensive discussion, the Board opted to extend the term of the limited term position instead of hiring a permanent full-time position.

**PUBLIC COMMENT:** There was no public comment.

**AYES:** Directors Secada, Thomas, Ratterman, and Underhill  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** Director Davidson

## 6. **REPORTS**

6a External Affairs Monthly Report  
(Jessica Self, External Affairs Manager)

**DISCUSSION:** Jessica Self reported on the recent District events, project outreach and coordination, grant administration, IT updates, and water conservation. She responded to questions from the Board.

6b Report on the October 2022 Operations and Engineering Departments  
(Damon Wyckoff, Director of Operations)

**DISCUSSION:** Mr. Wyckoff presented the October 2022 Monthly Operations and Engineering reports. He reviewed items of interest and answered questions from the Board.

6c General Manager's Report  
(Michael Minkler)

**DISCUSSION:** Mr. Minkler reported on the following activities: 1) the CCWD all hands employee meeting; 2) recent safety training; 3) his enrollment in the JPIA Leadership training program; 4) the EPPOC meeting; 5) state water curtailments have been lifted; 6) the virtual Washington, D.C. meetings; 7) the ACWA Fall Conference; 8) the ACWA Board meeting; and 9) Kelly Gerkenmeyer has been hired as the new Water Resources Specialist.

## 7. **BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS**

Director Underhill stated it is snowing in Arnold and she would like a regular Customer Service update.

Director Ratterman reported he will be attending the ACWA Conference and congratulated Kelly on his new position.

Director Thomas congratulated the other Directors on their successful elections.

Director Secada had nothing to report.

## 8. **NEXT BOARD MEETINGS**

- Wednesday, December 14, 2022, 1:00 p.m., Regular Board Meeting
- Wednesday, January 11, 2023, 1:00 p.m., Regular Board Meeting

**9. CLOSED SESSION**

The meeting adjourned into Closed Session at approximately 4:07 p.m. Those present were Board Members: Scott Ratterman, Cindy Secada, Bertha Underhill, and Russ Thomas; staff members Michael Minkler, General Manager; and General Counsel, Matt Weber.

9a Conference with Legal Counsel – Potential Litigation  
Government Code §54956.9(b)(1) – 1 case

9b Conference with Labor Negotiators Employee Organization SEIU Local 1021 and  
Management and Confidential Unit  
Government Code §54957.6 Negotiators: Michael Minkler and Stacey Lollar

**10. REPORTABLE ACTION FROM CLOSED SESSION**

The Board reconvened into Open Session at approximately 5:03 p.m. There was no reportable action.

**11. ADJOURNMENT**

With no further business, the meeting adjourned at 5:03 p.m.

Respectfully Submitted:

ATTEST:

\_\_\_\_\_  
Michael Minkler  
General Manager

\_\_\_\_\_  
Rebecca Hitchcock  
Clerk to the Board

# Agenda Item

DATE: December 14, 2022  
TO: Michael Minkler, General Manager  
FROM: Rebecca Hitchcock, Clerk to the Board  
SUBJECT: Review Board of Directors Time Sheets for November 2022

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## **RECOMMENDED ACTION:**

For information only.

## **SUMMARY:**

Pursuant to direction from the Board of Directors, copies of the Board's monthly time sheets, which the Board is compensated from, are included in the monthly agenda package for information. Attached are copies of the Board's time sheets for the month of November 2022.

Board Members can be reimbursed for mileage cost to travel to meetings/conferences and are paid at the current IRS rate.

## **FINANCIAL CONSIDERATIONS:**

Monthly compensation and mileage reimbursement costs are included in the FY 22-23 budget.

*Attachments: Board of Directors Time Sheets for November 2022*







**CALAVERAS COUNTY WATER DISTRICT  
2022 DIRECTOR REIMBURSEMENT FORM**

For Admin Use	Payroll	Month/Yr	Nov-22
	Expense	Name	Cindy Secada

Activity Date	Meeting or Other Expense Description	Designated Rep.		Association List		Prior Approval		Cost		Total Miles
		Yes	No	Yes	No	Yes	No	Meeting	Expense	
9-Nov	Regular Meeting							120		38.7
1-Nov	Engineering committee Remote	X						120		
15-Nov	CCWD Finance	X						120		38.7
<b>Total</b>	<i>For Totals line, multiply miles by the IRS rate:</i>	7-1-2022	\$0.625						0	77.4

*Pursuant to Board Policy 4030, receipts required; report /materials required.* **Totals** (use IRS mileage rate) \$360.00 \$0.00 \$48.38

The undersigned, under penalty of perjury states: This claim and the items set forth herein are true and correct; that expenses incurred, meetings attended and business conducted are necessary to District affairs; that this claim is proper and within the scope of California Water Code Section 20200 et seq, and District Ordinance 2015-02; that the service was actually rendered; and that the amount(s) herein are justly true.

**Signature of Claimant:**  
*Cindy Secada*

**Administrative Review:** \_\_\_\_\_ **Date:** \_\_\_\_\_ *Orig to Finance Dept.*



**Calaveras County Water District  
Claim Summary #609  
October 2022 vs November 2022**

	<b>October 2022</b>	<b>November 2022</b>
CCWD Operating Expenditures	1,160,303.89	972,014.50
Expenditures to be reimbursed/Fiduciary Payments	5,330.00	5,030.00
Capital Improvement Program Projects	1,940,185.67	1,490,156.82
Capital Outlay	2,783.14	28,708.80
Sub-Total Vendor Payments	<b>3,108,602.70</b>	<b>2,495,910.12</b>
Payroll Disbursed	599,350.31	593,389.28
Other EFT Payments	4,685.99	2,397.56
<b>Total Disbursements</b>	<b>3,712,639.00</b>	<b>3,091,696.96</b>

Vendor	Description	Date	Ref	Amount
A T & T	Internet Service LC Acct#129469186	11/09/2022	141142	53.50
A T & T	Leased Lines Acct#235841069033335 10/22	11/09/2022	141141	67.94
A T & T	Long Distance - Arnold L/S	11/03/2022	141084	43.65
A T & T	Phone Acct#287318536357 last of inv#11102022 Foundation	11/16/2022	141191	41.49
A T & T	Ref#2097850520 Long Distance Copper Reclaim	11/30/2022	141227	43.65
A T & T CALNET3	Acct#9391067346 Camp Connell Radio Tower	11/16/2022	141192	210.53
A T & T CALNET3	Acct#9391029195 OP HQ Back Up	11/30/2022	141231	455.86
A T & T CALNET3	Acct#9391029199 JLTC	11/30/2022	141233	23.74
A T & T CALNET3	Acct#9391029201 Dsistrict Wide	11/30/2022	141230	1,261.58
A T & T CALNET3	Acct#9391032215 T1-Line	11/30/2022	141232	167.08
A T & T CALNET3	Acct#9391069409 SA Shop	11/30/2022	141228	46.05
A T & T CALNET3	Act#9391029200 Dorrington P/S	11/30/2022	141229	23.77
A T & T MOBILITY	Internet Service 10/22 SR	11/03/2022	141085	262.87
A TEEM ELECTRICAL ENG INC	Electrical Engineering Construction Services for CC Lift Station (15080)	11/30/2022	141234	2,360.00
A TEEM ELECTRICAL ENG INC	Electrical Engineering Construction Services for West Point Wils (15091)	11/30/2022	141234	820.00
A TEEM ELECTRICAL ENG INC	Electrical Engineering for New PLC Control Panel for the Arnold (15095)	11/30/2022	141234	1,530.00
A-1 SHARPENING & SMALL ENGINE REPAIR, LLC	Winter Tires - V 613	11/16/2022	141193	981.38
ACWA	2023 Annual Membership Dues	11/03/2022	141086	25,760.00
ACWA/JPIA	Dental 12/22	11/03/2022	141088	6,481.36
ACWA/JPIA	EAP 12/22	11/03/2022	141088	161.84
ACWA/JPIA	Retiree Dental 12/22	11/03/2022	141088	3,113.84
ACWA/JPIA	Retiree Vision 12/22	11/03/2022	141088	890.88
ACWA/JPIA	Vision 12/22	11/03/2022	141088	1,354.88
ACWA/JPIA	Workers Comp 07/01/22-09/30/22	11/03/2022	141087	36,490.43
ADP INC	Payroll Processing	11/16/2022	141194	2,035.40
AFLAC	Acct#JJ325 10/22	11/03/2022	141089	1,776.78
AFLAC	Acct#JJ325 11/22	11/30/2022	141235	1,776.78
ALCAL GLASS AND SUPPLY	Materials & Supplies - EP	11/09/2022	141143	132.16
ARNOLD AUTO SUPPLY	Repair Parts - EP	11/16/2022	141195	98.61
ARNOLD TIRE AND AUTO CARE	Winter Tires - V 529	11/09/2022	141144	855.08
ARNOLD TIRE AND AUTO CARE	Winter Tires - V 734	11/09/2022	141144	671.74
ARNOLD TIRE AND AUTO CARE	Winter Tires - V 740	11/03/2022	141090	1,906.49
ATKINSON, ANDERSON, LOYA, RUUD & ROMO PROF CORP	Legal Services 07/22	11/03/2022	141091	13,694.00
ATKINSON, ANDERSON, LOYA, RUUD & ROMO PROF CORP	Legal Services 08/22	11/03/2022	141091	17,425.00
ATKINSON, ANDERSON, LOYA, RUUD & ROMO PROF CORP	Legal Services 09/22	11/03/2022	141091	10,414.00
ATKINSON, ANDERSON, LOYA, RUUD & ROMO PROF CORP	Legal Services 10/22	11/30/2022	141236	7,790.00
ATKINSON, ANDERSON, LOYA, RUUD & ROMO PROF CORP	Legal Services Eastside GSA 10/22	11/30/2022	141236	840.50
AUTOMATION DIRECT	Electrical Parts - CC LS 17	11/09/2022	141145	148.01
BIG VALLEY FORD LINCOLN MERCURY	AC Compressor Pressure Switch - V 716	11/30/2022	141237	1,589.08
BLACKWATER CONSULTING ENGINEERS INC.	Design and Engineering Services for EP Hunters Raw Water Pumps (11103)	11/16/2022	141196	10,151.50
BNN, LLC	CPUD (Water) Mechanics 11/22	11/16/2022	141197	129.50
BNN, LLC	CPUD (Water) Warehouse 11/22	11/16/2022	141197	129.50

Vendor	Description	Date	Ref	Amount
BNN, LLC	Mechanics Warehouse A & B 12/22	11/16/2022	141197	3,000.00
BNN, LLC	SASD (Sewer) Mechanics 11/22	11/16/2022	141197	199.62
BNN, LLC	SASD (Sewer) Warehouse 11/22	11/16/2022	141197	156.54
BOBCAT CENTRAL, INC	Skid Steer Repair	11/30/2022	141238	828.79
CALAVERAS AUTO SUPPLY	Battery - Wilseyville Pond Flow Meter	11/16/2022	141198	135.86
CALAVERAS AUTO SUPPLY	Bottle Jack - SA Shop	11/16/2022	141198	42.08
CALAVERAS AUTO SUPPLY	Coolant, Oil, Brake Cleaner, Connector - V 519	11/16/2022	141198	193.81
CALAVERAS AUTO SUPPLY	Filters, Heater Hose - V 519	11/16/2022	141198	75.98
CALAVERAS AUTO SUPPLY	Fuel Pressure Tester - V 613	11/16/2022	141198	53.61
CALAVERAS AUTO SUPPLY	Fuel Pump, Thermostat Assembly - V 613	11/16/2022	141198	364.86
CALAVERAS AUTO SUPPLY	Repair Parts, Penetrant - V 551	11/16/2022	141198	50.78
CALAVERAS AUTO SUPPLY	Socket, Adapter - JLWTP Forklift	11/16/2022	141198	51.27
CALAVERAS AUTO SUPPLY	V-Belts - LCWWTP Blowers	11/16/2022	141198	229.58
CALAVERAS AUTO SUPPLY	Wiper Blades - V 614	11/16/2022	141198	21.64
CALAVERAS COUNTY AIR POLLUTION	Burn Permit Fees 10 Sites	11/30/2022	141239	120.00
CALAVERAS COUNTY PUBLIC WORKS	Reimb Agreement with County for O'Byrnes Ferry Road Paving (15076/15080)	11/30/2022	141240	62,287.73
CALAVERAS COUNTY SURVEYOR OFFICE	Lot Line Adjustment Application - CCWWTP Pond & Dam (15112)	11/30/2022	141241	427.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/22-06/30/23 1965 Blagen Road	11/30/2022	141242	150.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/22-06/30/23 3548 Silver Rapids	11/30/2022	141242	75.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/22-06/30/23 3642 Silver Rapids	11/30/2022	141242	150.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/22-06/30/23 4568 Kiva Drive	11/30/2022	141242	75.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/22-06/30/23 6444 Schmidt Place	11/30/2022	141242	38.00
CALAVERAS COUNTY TAX COLLECTOR	Solid Waste Fee 07/01/22-06/30/23 POR N2 SE4	11/30/2022	141242	75.00
CALAVERAS LUMBER CO INC	Bits, Sockets - V 720	11/03/2022	141093	87.18
CALAVERAS LUMBER CO INC	Ck 140908 Penalties Reversed	11/03/2022	141093	(19.30)
CALAVERAS LUMBER CO INC	Concrete - Utility Crew	11/03/2022	141093	21.12
CALAVERAS LUMBER CO INC	Concrete, Lumber - Utility Crew	11/03/2022	141093	147.31
CALAVERAS LUMBER CO INC	Driveway Sealer - Utility Crew	11/03/2022	141093	405.03
CALAVERAS LUMBER CO INC	Electrical Materials for District Corp Yard (CIP 11101)	11/03/2022	141093	67.32
CALAVERAS LUMBER CO INC	Lumber - Utility Crew	11/03/2022	141093	6.13
CALIFORNIA AQUASTORE	Construction Services for the EP Redwood Water Storage 10/22 (11095)	11/03/2022	141094	305,533.00
CALPERS - RETIREMENT	Retirement 10/31/2022 Payroll	11/30/2022	EFT	50,489.36
CALPERS - RETIREMENT	Retirement 11/15/2022 Payroll	11/30/2022	EFT	50,480.09
CALPERS - RETIREMENT	Retirement Penalty 10/31/2022 Payroll	11/30/2022	EFT	200.00
CALPERS (Def Comp)	Def Comp 10/31/2022 Payroll	11/30/2022	EFT	7,174.49
CALPERS (Def Comp)	Def Comp 11/15/2022 Payroll	11/30/2022	EFT	7,029.13
CALPERS (Def Comp)	Def Comp Loan Repay 10/31/2022 Payroll	11/30/2022	EFT	1,607.91
CALPERS (Def Comp)	Def Comp Loan Repay 11/15/2022 Payroll	11/30/2022	EFT	1,607.91
CALPERS (Health Ins)	Health Ins Active Admin Fee November 2022	11/30/2022	EFT	468.95
CALPERS (Health Ins)	Health Ins Active November 2022	11/30/2022	EFT	142,106.35
CALPERS (Health Ins)	Health Ins Retiree Admin Fee November 2022	11/30/2022	EFT	184.55
CALPERS (Health Ins)	Health Ins Retiree November 2022	11/30/2022	EFT	8,940.00

Vendor	Description	Date	Ref	Amount
CARBON COPY INC	Copier Replacement	11/04/2022	141140	14,478.75
CARBON COPY INC	Copies 11/22	11/16/2022	141199	78.89
CARDINAL, BILL	AWWA CA NV Travel Reimbursement	11/16/2022	141200	949.27
CARDNO INC	Environmental Services Including Biological and Cultural Resourc (11103)	11/09/2022	141146	3,020.00
CDK SUPPLY	Electrical Supplies - Stock	11/03/2022	141095	163.05
CED CREDIT	Electrical Supplies - Stock	11/30/2022	141244	318.50
CHECK PROCESSING INC	Lockbox Processing 10/22	11/09/2022	141147	1,087.25
CITY OF ANGELS	Six Mile Village 10/22	11/09/2022	141148	3,664.14
CLARK PEST CONTROL	Acct#1365831 Pest Control Arnold WWTP	11/03/2022	141096	10.00
CLARK PEST CONTROL	Acct#190086855 Pest Control FMWWTP	11/03/2022	141096	96.00
CLARK PEST CONTROL	Pest Control #1505308 Hathaway Pines	11/09/2022	141149	105.00
CLARK PEST CONTROL	Pest Control #1768120 WPWWTP	11/09/2022	141149	142.00
CLARK PEST CONTROL	Pest Control #2120969 Wallace	11/16/2022	141201	134.00
CLARK PEST CONTROL	Pest Control #688236 Southworth	11/16/2022	141201	93.00
CLARK PEST CONTROL	Pest Control #730179 CC	11/16/2022	141201	101.00
CLARK PEST CONTROL	Pest Control #807360 LC	11/16/2022	141201	92.00
CLARK PEST CONTROL	Pest Control #807549 JLWTP	11/09/2022	141149	70.00
CLARK PEST CONTROL	Pest Control Acct#1297711 WPWTP	11/30/2022	141245	117.00
CLARK PEST CONTROL	Pest Control Acct#807402 Warehouse	11/30/2022	141245	144.00
COLEMAN ENGINEERING, INC.	Engineering and Design Contract for the Jenny Lind A-B Transmiss (11088)	11/09/2022	141150	5,873.50
COLUMBIA COMMUNICATIONS	Vehicle Cloud Service 11/22	11/09/2022	141151	780.00
CONDOR EARTH TECHNOLOGIES INC	DSOD Report - White Pines	11/30/2022	141246	2,092.75
CONDOR EARTH TECHNOLOGIES INC	DSOD Report - White Pines 10/22	11/16/2022	141202	1,652.00
CONDOR EARTH TECHNOLOGIES INC	Materials Testing and Special Inspections for the Redwood Tanks (11095)	11/30/2022	141246	39.50
CONDOR EARTH TECHNOLOGIES INC	Special Inspections/Soils/Concrete Testing for the Mechanics Bldg (11101)	11/09/2022	141152	511.75
CONFIDENTIAL	30 Hours CTO Pay Out	11/03/2022	141108	1,292.43
CONFIDENTIAL	58.75 CTO Cash Out	11/03/2022	141092	1,396.52
CONFIDENTIAL	Retiree Health Reimbursement 12/22	11/29/2022	141225	2,329.85
COPPER AUTO & MARINE	Repair Parts - CC	11/16/2022	141203	305.94
COPPEROPOLIS FIRE PROTECTION DISTRICT	(60) Hydrant Maintenance - CC	11/30/2022	141247	1,440.00
CPPA	Power District Wide 10/22	11/09/2022	141153	145,560.38
CPPA	Power OP HQ 10/22	11/09/2022	141153	1,255.36
CPUD	Water Service OP HQ 10/22	11/30/2022	141248	104.16
CPUD	Water Service OP HQ 11/22	11/30/2022	141248	103.75
CPUD	Water Service OP HQ Corp10/22	11/30/2022	141248	357.83
CPUD	Water Service OP HQ Corp11/22	11/30/2022	141248	357.83
CRITTENDEN, DAVID	UB Refund 2563 Mokelumne Drive	11/03/2022	141097	389.57
CSDA	Regular Member Dues - 2023	11/09/2022	141154	8,810.00
CWEA	CSM Grade 2 Renewal - Reece	11/09/2022	141155	100.00
CWEA	CSM Grade 1 Renewal - Turner	11/03/2022	141098	95.00
CWEA	Membership Renewal - Darby	11/03/2022	141098	202.00
DARBY, JOE	Safety Boot Reimbursement 2022	11/30/2022	141249	200.00

Vendor	Description	Date	Ref	Amount
DARBY, JOE	Winter Weather Gear Reimbursement 2022	11/30/2022	141249	197.74
DATAPROSE	UB Statement Processing 10/22	11/09/2022	141156	4,009.42
DAVIDSON, JEFF	Travel 10/22	11/03/2022	141099	35.00
DE LAGE LANDEN FINANCIAL SRVC INC	Copier Lease 10/2022	11/30/2022	EFT	294.71
DEPARTMENT OF WATER RESOURCES	Application Fee for Enlargement of Dam for Copper Cove Pond 6 Pr (15112)	11/30/2022	141250	74,220.00
DEVICH, JARED	Meal Reimbursement - Instrumentation Class	11/30/2022	141251	33.76
DOWNEY BRAND ATTORNEYS LLP	Legal Service 09/22 31348.00000	11/03/2022	141100	2,822.00
DOWNEY BRAND ATTORNEYS LLP	Legal Service 09/22 31348.00003	11/03/2022	141100	3,077.50
DOWNEY BRAND ATTORNEYS LLP	Legal Service 09/22 31348.00037	11/03/2022	141100	329.00
DUNN, JEFF	UB Refund 1926 Kit Carson Circle	11/03/2022	141101	24.34
EASTBURN, CATHERINE	Tyler User Group Mileage/Hotel Reimbursement	11/03/2022	141102	349.44
EBBETTS PASS GAS SERVICE	Fuel 10/22	11/09/2022	141157	4,215.41
EBBETTS PASS LUMBER	Concrete, Straw - EP Barn	11/03/2022	141103	767.84
EBBETTS PASS LUMBER	Tools - V 742	11/03/2022	141103	76.63
EDGES ELECTRICAL GROUP, LLC	Breaker - CC LS 43	11/09/2022	141158	106.55
EMPLOYMENT DEVELOPMENT DEPT	Letter#L0676658832 Media#5760294327 Employment Tax	11/30/2022	141252	7,064.33
ENTERPRISE FM TRUST	Maintenance & Tax 10/22	11/09/2022	141159	2,077.40
ENTERPRISE FM TRUST	Maintenance & Tax 11/22	11/09/2022	141159	2,068.65
ENTERPRISE FM TRUST	Vehicle Lease 10/22	11/09/2022	141159	15,892.22
ENTERPRISE FM TRUST	Vehicle Lease 11/22	11/09/2022	141159	15,892.22
ENVIRONMENTAL OPERATING SOLUTIONS	MicroC - DF VCTO	11/16/2022	141204	6,309.99
FASTENAL	Lock Out, Tag Out Supplies - Electrical Crew	11/30/2022	141253	496.48
FEDERAL EXPRESS	Acct#119229243 Shipping Week End 11/14	11/30/2022	141254	28.16
FERGUSON ENTERPRISES, INC 1423	Repair Parts - Utility Crew	11/16/2022	141205	1,972.94
FINANCIAL PACIFIC LEASING	2020 VacCon Truck Interest 10/2022	11/30/2022	EFT	1,796.71
FINANCIAL PACIFIC LEASING	2020 VacCon Truck Principal 10/2022	11/30/2022	EFT	29,472.37
FINANCIAL PACIFIC LEASING	2021 VacCon Truck Interest 11/2022	11/30/2022	EFT	2,368.15
FINANCIAL PACIFIC LEASING	2021 VacCon Truck Principal 11/2022	11/30/2022	EFT	28,615.42
FINCH, RON	UB Refund 8648 Sparrowk Road	11/03/2022	141104	259.01
FOOTHILL MATERIALS	Riprap - LCWWTP	11/03/2022	141105	579.50
FOOTHILL PORTABLE TOILETS	Rental Portable Toilets 10/11 - 11/7 SR	11/09/2022	141160	154.50
FOOTHILL PORTABLE TOILETS	Rental Portable Toilets 10/11 - 11/7 Wallace	11/09/2022	141160	154.50
FROGGY'S AUTO WASH & LUBE	Oil, Lube, Air Filter - V 554	11/09/2022	141161	92.32
FROGGY'S AUTO WASH & LUBE	Oil, Lube, Wiper Blades - V 711	11/09/2022	141161	76.11
GAMBI DISPOSAL INC.	Bio-Solids Disposal - October 2022	11/03/2022	141106	2,721.60
GAMBREL COMPANIES	Slurry Fill for Erosion Spots on White Pines Dam for Tule Remov (11109)	11/16/2022	141206	1,554.98
GARRETT WALKER	(12) Backflow Testing - WP	11/30/2022	141276	420.00
GARRETT WALKER	(13) Backflow Testing - CC	11/30/2022	141276	455.00
GARRETT WALKER	Backflow Testing - JL	11/09/2022	141189	875.00
GARRETT WALKER	Backflow Testing - Wallace	11/09/2022	141189	35.00
GATEWAY PRESS, INC	Construction Project signs for Copper Cove Lift Stations (15080)	11/16/2022	141207	465.47
GATEWAY PRESS, INC	Construction Project signs for Copper Cove Lift Stations (15076)	11/16/2022	141207	465.46

Vendor	Description	Date	Ref	Amount
GATEWAY PRESS, INC	Sign - Swimmimg Water	11/16/2022	141207	69.09
GENERAL PLUMBING SUPPLY CO INC	ARV - Collections Crew	11/30/2022	141255	1,208.61
GENERAL SUPPLY COMPANY	Electrical Supplies - DF VCTO	11/09/2022	141162	2,225.63
GENERAL SUPPLY COMPANY	Electrical Supplies - Stock	11/09/2022	141162	138.05
GENERAL SUPPLY COMPANY	Plumbing Materials for District Corp Yard (CIP 11101)	11/09/2022	141162	968.31
GEORGE REED INC	10.23 Tons 1/2 Fine Rake AC - Utility Crew	11/03/2022	141107	936.09
GEORGE REED INC	11.90 Tons 3/8 Cutback - CC Whse Stock	11/03/2022	141107	1,260.80
GEORGE REED INC	5.09 Tons 1/2 Fine Rake - Utility Crew	11/09/2022	141163	468.52
GEORGE REED INC	6.25 Tons 1/2 Fine Rake AC - Utility Crew	11/03/2022	141107	581.09
GLOBAL PAY	Global Payments 24728 10/2022	11/30/2022	EFT	13,069.48
GLOBAL PAY	Global Payments 7167 10/2022	11/30/2022	EFT	1,740.78
GONZALES, RUDOLPHO	UB Refund 2299 Meadowview Way	11/30/2022	141256	332.14
GRAINGER	Adjustable Valve Wrenches - Inspectors	11/09/2022	141164	120.79
GRAINGER	Electrical Parts - CCWWTP	11/09/2022	141164	624.75
GRAVETTE, JARED	Safety Boot Reimbursement 2023	11/09/2022	141165	166.96
GRAVETTE, JARED	Winter Weather Gear Reimbursement 2023	11/09/2022	141165	200.00
GRUTZMACHER, SCOTT	TriDent Training Mileage Reimbursement	11/03/2022	141109	62.50
HABITAT FOR HUMANITY	Warehouse Rent 12/22	11/16/2022	141208	2,600.00
HARTIGAN, MAUREEN/JAMES	UB Refund 3138 Lakemont Drive	11/03/2022	141110	791.60
HOBGOODS CLEANING	Janitorial Service JLTC 11/22	11/16/2022	141209	50.00
HOBGOODS CLEANING	Janitorial Service OP HQ 11/22	11/16/2022	141209	1,935.00
HUNT & SONS, INC	Fuel - CC	11/03/2022	141111	574.13
HUNT & SONS, INC	Fuel - EP	11/30/2022	141257	1,599.34
HUNT & SONS, INC	Fuel - JL Campbell Court	11/09/2022	141166	2,249.54
HYDROSCIENCE ENGINEERS INC	Engineering and Design Services for the Arnold Wastewater Treatm (15095)	11/09/2022	141167	18,065.00
INDUSTRIAL ELECTRICAL CO	Sewage Pumps for Vallecito WWTP System Improvements (CIP 15111)	11/03/2022	141112	6,814.02
INLAND CONTROL SYSTEM	Complete Compressed Air Distribution Header and 14 Point of Use (11101)	11/30/2022	141259	7,416.03
JORDAN PEABODY	Writing Course Final Payment	11/09/2022	141179	3,500.00
JRP HISTORICAL CONSULTING LLC	Water Rights Historian and Consultant Services	11/03/2022	141260	2,467.00
JRP HISTORICAL CONSULTING LLC	Water Rights Historian/Constultant Services 10/22	11/16/2022	141210	12,160.75
KEARNAN, JEFFREY	UB Refund 1492 Pine Drive	11/03/2022	141113	41.03
KENNEDY, MICHAEL	TriDent Training Mileage Reimbursement	11/03/2022	141114	88.38
KNICK, JASON	Safety Boot Reimbursement 2022	11/30/2022	141261	140.06
KNICK, JASON	Winter Weather Gear Reimbursement 2022	11/30/2022	141261	161.60
KW EMERSON, INC	Construction Contract for the West Point Wilseyville 10/22 (15091)	11/09/2022	141168	161,396.89
KW EMERSON, INC	Construction Contract for West Point Water Supply 9/16-10/15 (11106)	11/03/2022	141115	131,072.94
LEAF CAPITAL FINANCIAL LLC	Late Fees	11/16/2022	141211	116.78
LOESCH, ROBERT & GAIL	Claim Settlement 23790 Highway 26	11/09/2022	141169	385.00
LOLLAR, STACEY	Refreshments	11/03/2022	141117	68.96
LUNSFORD, SCOTT	Safety Boot Reimbursement 2022	11/09/2022	141170	200.00
MARIE LEASE TRUSTEE	UB Refund 7252 Baldwin Street	11/03/2022	141116	1,143.31
MATHESON TRI-GAS, INC	Liquid Oxygen - JLWTP	11/03/2022	141118	6,782.80

Vendor	Description	Date	Ref	Amount
McMASTER-CARR SUPPLY CO.	Electrical Parts - CC LS 17	11/09/2022	141171	92.21
MIDDLETONS	Refrigerator - Lab Samples	11/03/2022	141119	731.62
MIRAMONT HOMES INC	UB Refund 288 Mesquite Drive	11/03/2022	141120	608.34
Mission Square	RHI 10/31/2022 Payroll	11/30/2022	EFT	1,865.00
Mission Square	RHI 11/15/2022 Payroll	11/30/2022	EFT	1,865.00
MODESTO AIRCO GAS & GEAR	Cylinder Rental 10/22	11/09/2022	141172	91.00
MOTHER LODE ANSWERING SERVICE	Answering Service 11/22	11/09/2022	141173	725.00
MOUNTAIN OASIS PURIFIED WATER	Water Cooler & Supplies 10/22	11/09/2022	141174	248.60
MOZINGO CONSTRUCTION, INC.	Construction Contract for CC Lift Stations 12 & 13 (15076)	11/03/2022	141121	100,700.00
MOZINGO CONSTRUCTION, INC.	Construction Contract for CC Lift Stations 15 & 18 (15080)	11/03/2022	141121	39,900.00
MUTUAL OF OMAHA	Life, AD&D Acct#G000AWXB 11/22	11/03/2022	141122	7,282.48
NASH CHEVRON	Winter Tires - V 739	11/16/2022	141212	714.71
NATEC INTERNATIONAL, INC.	Silica Hazard Awareness Training	11/09/2022	141175	1,895.00
NEW YORK LIFE	Life Insurance 08/22	11/30/2022	141262	830.82
NEW YORK LIFE	Life Insurance 09/22	11/30/2022	141262	830.82
NEW YORK LIFE	Life Insurance 10/22	11/30/2022	141262	830.82
NORDAHL LAND SURVEYING	Land Survey - CC Kiva 11/22	11/16/2022	141213	1,180.00
NORTHSTAR CHEMICAL	Sodium Hydroxide - CC LS 12	11/16/2022	141214	368.94
NORTHSTAR CHEMICAL	Sodium Hydroxide - CC LS 40	11/16/2022	141214	8,273.27
NORTHSTAR CHEMICAL	Sodium Hydroxide - DF VCTO	11/16/2022	141214	1,752.47
NORTHSTAR CHEMICAL	Sodium Hydroxide - LCWWTP	11/16/2022	141214	3,504.93
NORTHSTAR CHEMICAL	Sodium Hypochlorite - AWWTP	11/03/2022	141123	3,004.70
NORTHSTAR CHEMICAL	Sodium Hypochlorite - CCWTP	11/30/2022	141263	1,978.34
NORTHSTAR CHEMICAL	Sodium Hypochlorite - Hunters WTP	11/03/2022	141123	8,734.08
NORTHSTAR CHEMICAL	Sodium Hypochlorite - WPWTP	11/30/2022	141263	1,346.65
NORTHSTAR CHEMICAL	Sodium Hypochlorite - WPWWTP	11/30/2022	141263	760.29
NTU TECHNOLOGIES INC	Protek 301 - CCWTP	11/30/2022	141264	6,930.00
O.S.T.S. INC	Safety Training	11/09/2022	141176	10,280.00
O'CONNELL & DEMPSEY, LLC	Federal Legislative Consulting 10/22	11/09/2022	141177	6,000.00
O'CONNELL & DEMPSEY, LLC	Federal Legislative Consulting 09/22	11/03/2022	141124	6,000.00
O'REILLY AUTO PARTS	Batteries - V 621	11/09/2022	141178	341.85
O'REILLY AUTO PARTS	Socket - SA Shop	11/09/2022	141178	25.73
O'REILLY AUTO PARTS	Wiper Blades, Connector, Socket Set - V 742	11/09/2022	141178	41.98
P G & E	Power District Wide 10/2022	11/30/2022	EFT	827.73
P G & E	Power JLTC 10/2022	11/30/2022	EFT	120.15
P G & E	Power Op HQ 10/2022	11/30/2022	EFT	15.11
P G & E	Power SA Shop 10/2022	11/30/2022	EFT	478.39
P G & E	Power SA Whse 10/2022	11/30/2022	EFT	105.48
P G & E	Power Silver Rapids 10/2022	11/30/2022	EFT	29.48
PACE SUPPLY CORP	Aerator Pump Motor - Wallace WWTP	11/03/2022	141125	813.25
PACE SUPPLY CORP	Repair Clamp - Stock	11/03/2022	141125	296.60
PACE SUPPLY CORP	Septic Tank Pump Vault	11/16/2022	141215	681.27

Vendor	Description	Date	Ref	Amount
PETERSON BRUSTAD INC	Contract for Engineering Services for Tank B/Clearwell (CIP 11083C)	11/30/2022	141265	23,301.43
PETERSON BRUSTAD INC	Engineering and Design Services for the West Point Water Supply (15091)	11/30/2022	141265	12,400.71
PLUMMERBUILT INC	ADA Paint Striping (CIP 11101) 10/22	11/09/2022	141180	750.00
PLUMMERBUILT INC	Bollards, Concrete Aprons, Roll-up Doors, ADA Landings, 10/22 (11101)	11/09/2022	141180	8,614.86
PLUMMERBUILT INC	Construction Contract for Site Work for the Maintenance and 10/2 (11101)	11/09/2022	141180	20,243.09
PLUMMERBUILT INC	Phase 2 Site Improvements (CIP 11101) 10/22	11/09/2022	141180	475,600.00
PLUMMERBUILT INC	Trench Depth, Concrete, Labor, Swale Extras and Fencing 10/22 (11101)	11/09/2022	141180	10,157.05
POTRERO HILLS LANDFILL	Bio-Solids Disposal - AWWTP	11/30/2022	141266	494.08
POTRERO HILLS LANDFILL	Bio-Solids Disposal - LCWWTP	11/30/2022	141266	758.92
RATTERMAN, SCOTT	Flight Reimbursement ACWA	11/03/2022	141126	547.20
RATTERMAN, SCOTT	Travel 10/22	11/03/2022	141126	88.13
RATZLAFF, ANTHONY	CA NV AWWA Conference Meal Reimbursement	11/16/2022	141216	41.00
ROBERT SAPIEN	Tree Falling (15)	11/16/2022	141217	3,975.00
RULE, SYDNEY	UB Refund 329 Pinecone Lane	11/03/2022	141127	11.48
SECADA, CINDY	Travel 10/22	11/03/2022	141128	157.56
SECADA, CINDY	Travel 11/22	11/30/2022	141267	48.38
SEIU LOCAL 1021	COPE 10/22	11/03/2022	141129	40.00
SEIU LOCAL 1021	COPE 11/22	11/30/2022	141268	40.00
SEIU LOCAL 1021	Union Dues 10/22	11/03/2022	141129	2,600.00
SEIU LOCAL 1021	Union Dues 11/22	11/30/2022	141268	2,350.00
SELF, JESSICA	Safety Boot Reimbursement	11/09/2022	141181	198.41
SELF, JESSICA	Winter Weather Gear Reimbursement	11/09/2022	141181	200.00
SENDERS MARKET INC	Air Compressor Oil, Pipe Fittings - JLWTP	11/09/2022	141182	39.62
SENDERS MARKET INC	Electrical Materials and Supplies for District Corp Yard (CIP 11101)	11/09/2022	141182	249.06
SIGNAL SERVICE	On Site Service - OP HQ	11/09/2022	141183	202.50
SLAKEY BROS	Bandsaw	11/09/2022	141184	540.64
SMARTSHEET INC	Annual License 2023	11/03/2022	141130	7,128.00
SMITH, DYLAN	Fuel Reimbursement - V139	11/09/2022	141185	57.00
SMITH, DYLAN	Mileage Reimbursement - Mechanic Shop	11/09/2022	141185	2.50
STAPLES CREDIT PLAN	Office Supplies - OP HQ	11/30/2022	141269	244.44
SWRCB	Waste Water Grade III Certificate Application - Burke	11/03/2022	141131	170.00
SWRCB	Water Distribution Grade 2 Certificate - Scott	11/03/2022	141132	80.00
SWRCB	Water Distribution Grade 3 Exam Application - Reece	11/03/2022	141132	100.00
SWRCB	Water Treatment Grade 3 Renewal - Young	11/03/2022	141132	90.00
THE CAR DOCTOR	Oil, Lube, Filter, Tire Rotation - V 712	11/30/2022	141270	121.06
THOMAS, RUSS	Mileage Reimbursment ACWA	11/30/2022	141271	570.00
THOMAS, RUSS	Travel 10/22	11/03/2022	141133	116.88
THOMAS, RUSS	Travel 11/22	11/30/2022	141271	110.00
TREATS GENERAL STORE INC	Fittings - Electrical Crew	11/03/2022	141134	23.97
TREATS GENERAL STORE INC	Water - Electrical Crew	11/03/2022	141134	21.62
TUOLUMNE STANISLAUS IRWMA	T-S IRWMA Membership Renewal 2022-2023	11/16/2022	141218	8,064.00
U.S. BANK	5 Gallon Pail of Oil for Paving	11/09/2022	EFT	226.28



Vendor	Description	Date	Ref	Amount
U.S. BANK	AC Repair, Brakes, Service - V139	11/09/2022	EFT	2,387.25
U.S. BANK	ACWA Fall Conference - Self	11/09/2022	EFT	775.00
U.S. BANK	ACWA Region 3 and Fall Conference - Thomas, Davidson	11/09/2022	EFT	720.00
U.S. BANK	Adobe Stock Subscription	11/09/2022	EFT	29.99
U.S. BANK	Agenda Package Postage	11/09/2022	EFT	42.10
U.S. BANK	Airfare- ACWA Jeffrey Meyer (refunded on next statement)	11/09/2022	EFT	525.96
U.S. BANK	Alhambra 10/22	11/09/2022	EFT	179.76
U.S. BANK	Amazon - Computer/Phone Parts	11/09/2022	EFT	3,911.84
U.S. BANK	Aramark 10/22	11/09/2022	EFT	2,727.65
U.S. BANK	Battery Adapters - Collections	11/09/2022	EFT	33.12
U.S. BANK	Battery Back - CC Dist	11/09/2022	EFT	23.58
U.S. BANK	BOD Supplies	11/09/2022	EFT	10.98
U.S. BANK	Buckets - JLWTP	11/09/2022	EFT	31.11
U.S. BANK	Cal Waste 10/22	11/09/2022	EFT	1,769.51
U.S. BANK	Cal.Net10/22	11/09/2022	EFT	62.04
U.S. BANK	Calaveras Telephone 10/22	11/09/2022	EFT	1,484.55
U.S. BANK	Calaveras Wine Alliance - Membership	11/09/2022	EFT	35.00
U.S. BANK	Camlock Gaskets - Collections	11/09/2022	EFT	35.84
U.S. BANK	Class A School - Sage	11/09/2022	EFT	1,800.00
U.S. BANK	Comcast 10/22	11/09/2022	EFT	684.94
U.S. BANK	Computer Monitor Mount - Hunters WTP	11/09/2022	EFT	17.23
U.S. BANK	CSM 1 Renewal - Burke	11/09/2022	EFT	95.00
U.S. BANK	District Engineer Recruiting	11/09/2022	EFT	2,190.48
U.S. BANK	Door Key Repair - Hunters WTP	11/09/2022	EFT	188.50
U.S. BANK	Drill Bits - Hunters WTP	11/09/2022	EFT	40.20
U.S. BANK	Dropbox Service - HR Investigation	11/09/2022	EFT	54.00
U.S. BANK	Electronic Storage- Apple	11/09/2022	EFT	0.99
U.S. BANK	Filters - OPS HQ	11/09/2022	EFT	141.54
U.S. BANK	Fittings - JLWTP	11/09/2022	EFT	21.19
U.S. BANK	Gate Wheel - OPS HQ	11/09/2022	EFT	35.48
U.S. BANK	Hose Reel - New Warehouse	11/09/2022	EFT	(63.53)
U.S. BANK	Hotel - Richards/Soulier/Skrbina Tyler User Group	11/09/2022	EFT	525.03
U.S. BANK	License Renewal - Electricians	11/09/2022	EFT	540.00
U.S. BANK	Lunch Meeting - Rate Study	11/09/2022	EFT	45.70
U.S. BANK	Mail Chimp Subscription	11/09/2022	EFT	225.00
U.S. BANK	MDM, Adobe, Microsoft & Web Hosting	11/09/2022	EFT	631.77
U.S. BANK	Meals - Richardson/Soulier/Thornburg Tyler User Group	11/09/2022	EFT	89.71
U.S. BANK	Microsoft	11/09/2022	EFT	1,176.61
U.S. BANK	Monitor - Electrical	11/09/2022	EFT	155.14
U.S. BANK	Office Supplies	11/09/2022	EFT	1,669.83
U.S. BANK	Online QSP Training - Knick	11/09/2022	EFT	375.00
U.S. BANK	Primary Internet - OP HQ	11/09/2022	EFT	600.00

Vendor	Description	Date	Ref	Amount
U.S. BANK	Recording SVC Term	11/09/2022	EFT	23.00
U.S. BANK	Refreshments for Water Resource Town Hall Meeting	11/09/2022	EFT	21.88
U.S. BANK	Ring Central	11/09/2022	EFT	1,378.30
U.S. BANK	Sprayfield Solenoids - FMWWTP	11/09/2022	EFT	470.66
U.S. BANK	Supplies for All Hands Meeting	11/09/2022	EFT	35.38
U.S. BANK	Traiing Supplies	11/09/2022	EFT	45.95
U.S. BANK	Training - Lollar	11/09/2022	EFT	1,665.00
U.S. BANK	Truck School Hotel - Sage	11/09/2022	EFT	1,032.20
U.S. BANK	Tubing - Hunters WTP	11/09/2022	EFT	21.19
U.S. BANK	Uniform Sample	11/09/2022	EFT	29.49
U.S. BANK	Uniform Samples Aid, CPR, Blood Pathogen Training	11/09/2022	EFT	3,000.00
U.S. BANK	UPUD 10/22	11/09/2022	EFT	201.00
U.S. BANK	USB Adapter - Hunters WTP	11/09/2022	EFT	7.86
U.S. BANK	Verizon 10/22	11/09/2022	EFT	3,088.89
U.S. BANK	Vice (4) - Electricians	11/09/2022	EFT	356.04
U.S. BANK	Volcano Telephone10/22	11/09/2022	EFT	567.42
U.S. BANK	Water Code Updates	11/09/2022	EFT	11.58
U.S. BANK	Water Distribution O & M - Devich	11/09/2022	EFT	164.53
U.S. BANK	Weed Eater Repair - Hunters WTP	11/09/2022	EFT	27.98
U.S. BANK	Window Repair - V139	11/09/2022	EFT	178.55
U.S. BANK	Wireless Microphone	11/09/2022	EFT	57.86
U.S. BANK	Work Station Keyboard/Mouse	11/09/2022	EFT	83.63
UNDERGROUND REPUBLIC WATER WORKS INC	Fittings - Slurry Line	11/30/2022	141272	183.90
UNDERHILL, BERTHA	Travel 10/22	11/03/2022	141135	92.50
UNDERHILL, BERTHA	Travel 11/22	11/30/2022	141273	3.75
UNITED PARCEL SERVICE	Shipping Week End 10/22	11/03/2022	141136	20.00
UNITED PARCEL SERVICE	Shipping Week End 10/29	11/09/2022	141186	20.00
UNITED PARCEL SERVICE	Shipping Week End 11/05	11/16/2022	141219	20.00
UNITED PARCEL SERVICE	Shipping Week End 11/12	11/30/2022	141274	20.00
UNITED PARCEL SERVICE	Shipping Week End 11/19	11/30/2022	141274	20.00
UNITED RENTALS NORTHWEST, INC	Excavation Safety Training	11/09/2022	141187	4,375.00
USA BLUE BOOK	Chlorine Test Kit - Inspector	11/16/2022	141220	146.55
USA BLUE BOOK	Hydrant Meters, Blue Flags - District Wide	11/30/2022	141275	4,184.31
USA BLUE BOOK	Lab Supplies - JLWTP	11/30/2022	141275	891.81
USA BLUE BOOK	LMI Pump Parts - SRWTP	11/03/2022	141137	619.83
USA BLUE BOOK	Process Filter Gage - AWWTP	11/16/2022	141220	103.19
VALIC	Def Comp 10/31/2022 Payroll	11/30/2022	EFT	1,948.45
VALIC	Def Comp 11/15/2022 Payroll	11/30/2022	EFT	1,665.45
VALLEY SPRINGS NEWS	Meeting Publcation Dates	11/09/2022	141188	45.50
VOYA FINANCIAL	Def Comp 10/31/2022 Payroll	11/30/2022	EFT	1,420.15
VOYA FINANCIAL	Def Comp 11/15/2022 Payroll	11/30/2022	EFT	1,420.15
WEATHERBY-REYNOLDS-FRITSON ENGINEERING & DESIGN	Engineering, Framing Plans and Details for Interior Improvements (11101)	11/16/2022	141221	3,243.75

Vendor	Description	Date	Ref	Amount
WESTERN HYDROLOGICS	Professional Services - Water Rights Reporting	11/16/2022	141222	1,798.75
WESTERN HYDROLOGICS	Stream-Gage Maintenance, Monitoring, Reporting - Bear Creek Dive	11/16/2022	141222	1,850.35
WEX BANK	Fuel 10/2022	11/30/2022	EFT	23,557.48
WIENHOFF DRUG TESTING	Annual Consortium Membership	11/30/2022	141277	2,125.00
WIENHOFF DRUG TESTING	Drug Screening	11/03/2022	141138	80.00
WILLDAN	AD 9S4 (Arnold) Local Improvement FY 22/23	11/30/2022	141278	1,126.90
WILLDAN	AD DaLee/Cassidy RAD 2021 Local Improvement FY 22/23	11/30/2022	141278	496.86
WILLDAN	AD Fly In Acres RAD 2021 Local Improvement FY 22/23	11/30/2022	141278	692.23
WILLDAN	AD Wallace CSD Local Improvement FY 22/23	11/30/2022	141278	687.52
WILLDAN	Fly In Acres/Da Lee Cassidy Reassessment Annual Cont. Disclosure	11/30/2022	141278	1,350.00
WILLIAMS, KEVIN	Safety Boot Reimbursement 2022	11/30/2022	141279	164.85
WITHERS, TIMOTHY & CASSEY	UB Refund 2926 Heinemann Drive	11/03/2022	141139	173.06
YOUNG'S COPPER ACE HARDWARE	Materials & Supplies - CC	11/09/2022	141190	212.69
ZANARDI, CHRIS	Safety Boot Reimbursement 2022	11/30/2022	141280	200.00
<b>TOTAL NOVEMBER 2022 DISBURSEMENTS:</b>				<b>2,495,910.12</b>

**RESOLUTION NO. 2022-**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE CALAVERAS COUNTY WATER DISTRICT**

**RATIFYING CLAIM SUMMARY NO. 609**

**WHEREAS**, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT has reviewed and considered Claim Summary Number 609 at the Regular Meeting held on December 14, 2022; and

**WHEREAS**, Board Members have resolved questions, issues, or concerns by consultation with District staff during said meeting.

**NOW, THEREFORE, BE IT RESOLVED** that the CALAVERAS COUNTY WATER DISTRICT Board of Directors hereby ratifies Claim Summary Number 609 in the amount of \$3,091,696.96 for the month of November 2022.

**PASSED AND ADOPTED** this 14th day of December 2022 by the following vote:

**AYES:**

**NOES:**

**ABSTAIN:**

**ABSENT:**

CALAVERAS COUNTY WATER DISTRICT

\_\_\_\_\_  
President  
Board of Directors

ATTEST:

\_\_\_\_\_  
Rebecca Hitchcock  
Clerk to the Board

# Agenda Item

DATE: December 14, 2022

TO: Calaveras County Water District Board of Directors

FROM: Michael Minkler, General Manager

SUBJECT: Report on the Monthly Investment Transactions for November 30, 2022

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## RECOMMENDED ACTION:

For information only.

## SUMMARY:

Per the District's Investment Policy, Staff will report the monthly investment activity for the preceding month. During November 2022 the following investment transactions occurred:

<b>Chandler Asset Management Activity:</b>	<b>General</b>	<b>Water CIP Loan</b>	<b>Sewer CIP Loan</b>
<b>Book Value at 10/31/2022</b>	<b>20,087,090.84</b>	<b>19,513,420.01</b>	<b>10,483,733.13</b>
Security Purchases	462,382.81	-	-
Money Market Fund Purchases	27,462.27	19,658,437.88	952,068.97
Money Market Contributions	-	-	-
Security Sales	(395,812.50)		(448,664.06)
Money Market Fund Sales	(66,881.08)		
Maturities	-	(19,500,000.00)	(500,000.00)
Principal Paydown	(2,733.85)	-	-
Money Market Fund Withdrawals	(1,276.10)	(1,077.67)	(1,001,673.79)
Amortization/Accretion	(4,038.41)	9,440.32	8,683.20
Gain/Loss on Dispositions	(4,143.41)		(639.39)
<b>Book Value at 11/30/2022</b>	<b>20,102,050.57</b>	<b>19,680,220.54</b>	<b>9,493,508.06</b>
<b>Local Agency Investment Fund Activity:</b>			
<b>Balance at 10/31/2022</b>	<b>12,997,105.89</b>		
<b>Withdrawals, Operating Cash</b>	<b>(1,000,000.00)</b>		
<b>Interest</b>	<b>-</b>		
<b>Balance at 11/30/2022</b>	<b>11,997,105.89</b>		

LAIF (Local Agency Investment Fund) daily interest rates are 1.88% as of 11/30/2022. The LAIF rate has remained relatively low, and the majority of available funds are being invested through Chandler Asset Management.

**CALAVERAS COUNTY WATER DISTRICT  
INVESTMENT ACTIVITY**

FOR THE MONTH ENDING November 30, 2022

INVESTMENT TRUSTEE/TYPE	MARKET VALUE	INVESTMENT COST			DATE INVST	CM INTEREST AND DIVIDEND RECVD
		COST	PAR (PRINC)	CPN RATE		
Local Agency Investment Fund	11,997,105.89	11,997,105.89	11,997,105.89	1.880%	ongoing	-
Chandler Asset Management	18,814,869.71	20,102,050.57	20,119,160.68	1.030%	ongoing	<b>14,959.73</b>
Chandler Asset Management - Water Loan	19,680,220.54	19,680,220.54	19,680,220.54	3.350%	ongoing	<b>166,800.53</b>
Chandler Asset Management - Sewer Loan	9,486,954.66	9,472,144.16	9,493,508.96	3.200%	ongoing	<b>9,774.93</b>
<b>Totals</b>	<b>59,979,150.80</b>	<b>61,251,521.16</b>	<b>61,289,996.07</b>			<b>191,535.19</b>

Chandler Asset Management Activity:	General	Water CIP Loan	Sewer CIP Loan
<b>Book Value at 10/31/2022</b>	<b>20,087,090.84</b>	<b>19,513,420.01</b>	<b>10,483,733.13</b>
Security Purchases	462,382.81	-	-
Money Market Fund Purchases	27,462.27	19,658,437.88	952,068.97
Money Market Contributions	-	-	-
Security Sales	(395,812.50)		(448,664.06)
Money Market Fund Sales	(66,881.08)		
Maturities	-	(19,500,000.00)	(500,000.00)
Principal Paydown	(2,733.85)	-	-
Money Market Fund Withdrawals	(1,276.10)	(1,077.67)	(1,001,673.79)
Amortization/Accretion	(4,038.41)	9,440.32	8,683.20
Gain/Loss on Dispositions	(4,143.41)		(639.39)
<b>Book Value at 11/30/2022</b>	<b>20,102,050.57</b>	<b>19,680,220.54</b>	<b>9,493,508.06</b>
<b>Local Agency Investment Fund Activity:</b>			
<b>Balance at 10/31/2022</b>	<b>12,997,105.89</b>		
<b>Withdrawals, Operating Cash</b>	(1,000,000.00)		
<b>Interest</b>	-		
<b>Balance at 11/30/2022</b>	<b>11,997,105.89</b>		

**CALAVERAS COUNTY WATER DISTRICT  
CHANDLER ASSET MANAGEMENT (General)**

**FOR THE MONTH ENDED November 30, 2022**

INVESTMENT TRUSTEE/TYPE	MARKET VALUE	INVESTMENT COST			Dividends Earned	Interest Earned
		BOOK	PAR Value/Units	CPN RATE		
Asset Backed Security	996,997.02	1,042,209.89	1,042,266.15	0.81%		699.01
Agency Securities	2,261,455.20	2,404,836.31	2,400,000.00	0.36%		750.00
CMO	191,833.72	207,525.45	200,000.00	0.62%		445.00
Corporate Securities	4,274,697.23	4,523,326.25	4,490,000.00	1.42%		14,833.75
Money Market Fund (Cash)	16,894.53	16,894.53	16,894.53	3.35%	0.66	
Negotiable CD	-	-	-			-
Supernational Securities	1,026,112.16	1,120,796.85	1,120,000.00	0.65%		-
US Treasury	10,046,879.85	10,786,461.29	10,850,000.00	1.08%		8,000.00
<b>Totals</b>	<b>18,814,869.71</b>	<b>20,102,050.57</b>	<b>20,119,160.68</b>	<b>1.03%</b>	<b>0.66</b>	<b>24,727.76</b>

# Agenda Item

DATE: December 14, 2022

TO: Board of Directors

FROM: Rebecca Hitchcock, Clerk to the Board

SUBJECT: Re-Authorizing Remote Teleconference Meetings of the Board of Directors of The Calaveras County Water District for the Period of December 14, 2022 through January 13, 2023, Pursuant to AB 361

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## RECOMMENDED ACTION:

Motion: \_\_\_\_\_/\_\_\_\_\_ adopting Resolution No.2022-\_\_\_\_ Re-authorizing Remote Teleconference Meetings of the Board of Directors of The Calaveras County Water District for the Period of December 14, 2022 through January 13, 2023, Pursuant to AB 361.

## SUMMARY:

On October 26, 2021, the Board of Directors adopted Resolution 2021-79 ratifying the proclamation of a state of emergency on March 4, 2020 and authorizing remote teleconference meetings of the Board of Directors for the period of October 26 thru November 25, 2021 pursuant to AB 361.

After 30 days, the District is required to renew its resolution effecting the transition to the modified Brown Act requirements if it desires to continue meeting under those modified requirements.

Importantly, the ability to renew the resolution is subject to certain requirements and conditions. In order to renew the resolution, a local agency must:

1. Reconsider the circumstances of the state of emergency
2. Having reconsidered the state of emergency, determine that either
  - a. The state of emergency continues to directly impact the ability of the members to meet safely in person, or
  - b. State or local officials continue to impose or recommend measures to promote social distancing

## FINANCIAL CONSIDERATIONS:

None at this time.

Attachments: a) Resolution 2022-\_\_ Ratifying the Proclamation of a State of Emergency on March 4, 2020 and Authorizing Remote Teleconference Meetings of The Board of Directors of the Calaveras County Water District for the Pursuant to Brown Act Provisions



**RESOLUTION NO. 2022-**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CALAVERAS COUNTY WATER DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY ON MARCH 4, 2020, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE BOARD OF DIRECTORS OF THE CALAVERAS COUNTY WATER DISTRICT FOR THE PERIOD DECEMBER 14, 2022, THROUGH JANUARY 13, 2023, PURSUANT TO BROWN ACT PROVISIONS.**

**WHEREAS**, the Calaveras County Water District committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

**WHEREAS**, all meetings of Calaveras County Water District's legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the District's legislative bodies conduct their business; and

**WHEREAS**, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a Board of Directors, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

**WHEREAS**, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

**WHEREAS**, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District's boundaries, caused by natural, technological, or human-caused disasters; and

**WHEREAS**, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the Board of Directors meeting in person would present imminent risks to the health and safety of attendees; and

**WHEREAS**, the Board of Directors previously adopted a Resolution, 2021-79 on October 26, 2021, finding that the requisite conditions exist for the legislative bodies of Calaveras County Water District to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

**WHEREAS**, as a condition of extending the use of the provisions found in section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District, and the Board of Directors has done so; and

**WHEREAS**, such conditions now exist in the District, specifically, the State of Emergency declared by Governor Newsom on March 4, 2020, due to COVID-19; and

**WHEREAS**, the Board of Directors does hereby find that the rise in SARS-CoV-2 Delta Variant has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and desires to proclaim a local emergency and ratify the proclamation of state of emergency by the Governor of the State of California; and

**WHEREAS**, as a consequence of the local emergency, the Board of Directors does hereby find that the legislative bodies of Calaveras County Water District shall conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

**WHEREAS**, The regular meetings of the Board, and any and all other meetings of the District's legislative bodies that are subject to the Brown Act, may be held via teleconference or other electronic means, in the manner set forth in the Virtual Public Meeting Protocols to this Declaration, which may be updated, from time to time, in the actual agenda notice for the meeting of the legislative body. All members of the public seeking to observe and/or to address the local legislative body may participate in the meeting telephonically or otherwise electronically in the manner set forth in the Virtual Public Meeting Protocols attached to this Declaration which may be updated, from time to time, in the actual agenda notice for the meeting of the legislative body.

**NOW, THEREFORE**, The Board of Directors OF CALAVERAS COUNTY WATER DISTRICT does hereby resolve as follows:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Proclamation of Local Emergency. The Board hereby proclaims that a local emergency now exists throughout the District, and COVID-19 has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District.

Section 3. Ratification of Governor's Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020

Section 4. Remote Teleconference Meetings. The General Manager and legislative bodies of Calaveras County Water District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including,

conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of January 13, 2022, or such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of Calaveras County Water District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

**PASSED AND ADOPTED**, this 14<sup>th</sup> day of December 2022, by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

CALAVERAS COUNTY WATER DISTRICT

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President  
Board of Directors

ATTEST:

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Rebecca Hitchcock  
Clerk to the Board

# Agenda Item

DATE: December 14, 2022  
TO: Michael Minkler, General Manager  
FROM: Jessica Self, External Affairs Manager  
SUBJECT: Approval of Credit Adjustment for APN 064-033-011

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## RECOMMENDED ACTION:

Motion: \_\_\_\_\_ / \_\_\_\_\_ adopting Resolution 2022- \_\_\_\_ approving a Credit Adjustment to Customer Account Number 720-02249-01 for APN 064-033-911 (466 Thomson Lane).

## SUMMARY:

Per the District's Ordinance No. 2000-03 (attached) any credit adjustment in excess of \$1,000 requires approval from the Board of Directors. The District currently has customer Mr. and Mrs. Bilello who are requesting a credit adjustment of \$1,231.61 due to a water leak occurring on their property. This leak has since been repaired.

As per Section 1 of Ordinance No, 2000-03 "leak adjustments will only be granted once every five (5) years per water service account." Mr. and Mrs. Bilello have not received an adjustment within the last five (5) years. Therefore, staff recommends that the credit adjustment be approved by the Board.

## FINANCIAL CONSIDERATIONS:

The credit adjustment for account number 720-02249-01 will reduce water revenues in the water fund (Fund 300) by the amount of the adjustment \$1,231.61.

*Attachments: Ordinance No. 2000-03 – Credit Adjustment Policy  
Leak Adjustment Request  
Resolution 2022- \_\_\_\_ approving a credit adjustment to customer account number 720-02249-01 for APN 064-033-911 (466 Thomson Lane).*

**ORDINANCE NO. 2000- 03**

**Credit Adjustment Policy**

The Board of Directors of CALAVERAS COUNTY WATER DISTRICT (CCWD) has determined that it is necessary and appropriate to adopt a policy for credit adjustments.

NOW, THEREFORE, BE IT ORDAINED as follows:

Section 1. Findings.

The General Manager and his authorized designees may make credit adjustments not to exceed \$1,000 to customer accounts in order to resolve customer-disputed charges. Such an adjustment must be requested in writing by the customer and supported by documentation showing that the credit is allowed due to extraordinary circumstances that render established policies and procedures of the District unreasonable or inapplicable.

Inclusive in this adjustment policy is a provision for leak adjustments calculated as 50 percent of the amount in excess of the customer's bill in a like period from a previous year. Leak adjustments will only be granted once every five years per water service account.

Adjustments in excess of \$1,000 require approval from the Board of Directors through variance procedures as established by the District.

Section 2. Effect on Prior Actions.

All provisions of prior ordinances and resolutions of CCWD not inconsistent with this Ordinance shall remain in full force and effect.

Section 3. Severability.

This Ordinance and the various sections thereof are hereby declared to be severable. To the extent the terms and provisions of this Ordinance are in conflict or are otherwise inconsistent with the terms and provisions of any prior CCWD ordinances, resolutions, rules, and other actions, the terms and provisions of this Ordinance shall prevail with respect thereto. The District hereby declares that it would have adopted this Ordinance irrespective of the invalidity of any particular portion thereof.

Section 4. Publication/Effective Date.

This Ordinance shall take effect as of this date.

PASSED AND ADOPTED this 14th day of June, 2000, by the following vote:

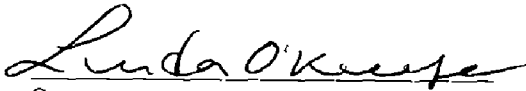
AYES: Directors Deem, Weinkle, Fonceca, Hebrard and Davidson  
NOES: None  
ABSENT: None  
ABSTAIN: None

CALAVERAS COUNTY WATER DISTRICT



\_\_\_\_\_  
President

ATTEST:

  
Secretary  
General Manager

**LEAK ADJUSTMENT CALCULATION**

<b>CUSTOMER NAME:</b>	BILELLO
<b>ACCOUNT #:</b>	720-02249-01
<b>APN #:</b>	64033011
<b>DATE OF LEAK: (Billing Cycle)</b>	11/23/22
<b>BILLED CONSUMPTION:</b>	\$2,494.36
<b>LAST YEAR'S CONSUMPTION:</b>	\$31.15
<b>DIFFERENCE:</b>	\$2,463.21
<b>CREDIT: (50% of Difference)</b>	\$1,231.61

**RESOLUTION NO. 2022-**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE CALAVERAS COUNTY WATER DISTRICT**

**APPROVING A WATER LEAK CREDIT ADJUSTMENT FOR CUSTOMER ACCOUNT  
NUMBER #720-02249-01 FOR APN 064-033-011 AT  
466 THOMAS LANE**

**WHEREAS**, the Board of Directors of the Calaveras County Water District adopted Ordinance No. 2000-03 – Credit Adjustment Policy on June 14, 2000 which established that credit adjustments in excess of \$1,000 require approval from the Board of Directors; and

**WHEREAS**, Ordinance No. 2000-03 further states leak adjustments will only be granted once every five years per water service account; and

**WHEREAS**, the owners of 466 Thomas Lane (APN 064-033-011) have requested a leak adjustment credit in the amount of \$1231.61; and

**WHEREAS**, the customer has repaired their water leak; and

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT hereby authorize approval of the leak adjustment credit in the amount of \$1231.61 attached and made a part of hereto, as a one-time courtesy for the next five years for account number 720-02249-01.

**PASSED AND ADOPTED** this 14<sup>th</sup> day of December 2022 by the following vote:

**AYES:**

**NOES:**

**ABSTAIN:**

**ABSENT:**

CALAVERAS COUNTY WATER DISTRICT

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President  
Board of Directors

**ATTEST:**

---

Rebecca Hitchcock  
Clerk to the Board



# Agenda Item

DATE: December 14, 2022  
TO: Michael Minkler, General Manager  
FROM: Jessica Self, External Affairs Manager  
SUBJECT: Approval of a Credit Adjustment for APN 098-009-016

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## RECOMMENDED ACTION:

Motion: \_\_\_\_\_ / \_\_\_\_\_ adopting Resolution 2022- \_\_\_\_ approving a Credit Adjustment to Customer Account Number 720-05763-00 for APN 098-009-016 (722 Uncle Billy Ct.).

## SUMMARY:

Per the District's Ordinance No. 2000-03 (attached) any credit adjustment in excess of \$1,000 requires approval from the Board of Directors. The District currently has customer Mr. and Mrs. Steger who are requesting a credit adjustment of \$1387.57 due to a water leak occurring on their property. This leak has since been repaired.

As per Section 1 of Ordinance No, 2000-03 "leak adjustments will only be granted once every five (5) years per water service account." Mr. and Mrs. Steger have not received an adjustment within the last five (5) years. Therefore, staff recommends that the credit adjustment be approved by the Board.

## FINANCIAL CONSIDERATIONS:

The credit adjustment for account number 720-05763-00 will reduce water revenues in the water fund (Fund 300) by the amount of the adjustment \$1387.57.

*Attachments: Leak Adjustment Request  
Resolution 2022- \_\_\_\_ approving a credit adjustment to customer account number 720-05763-00 for APN 098-009-016 (722 Uncle Billy Ct.).*

**RESOLUTION NO. 2022-**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE CALAVERAS COUNTY WATER DISTRICT**

**APPROVING A WATER LEAK CREDIT ADJUSTMENT FOR CUSTOMER ACCOUNT  
NUMBER #720-05763-00 FOR APN 098-009-016 AT  
722 UNCLE BILLY COURT**

**WHEREAS**, the Board of Directors of the Calaveras County Water District adopted Ordinance No. 2000-03 – Credit Adjustment Policy on June 14, 2000 which established that credit adjustments in excess of \$1,000 require approval from the Board of Directors; and

**WHEREAS**, Ordinance No. 2000-03 further states leak adjustments will only be granted once every five years per water service account; and

**WHEREAS**, the owners of 722 Uncle Billy Court (APN 098-009-016) have requested a leak adjustment credit in the amount of \$1387.57; and

**WHEREAS**, the customer has repaired their water leak; and

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT hereby authorize approval of the leak adjustment credit in the amount of \$1387.57 attached and made a part of hereto, as a one-time courtesy for the next five years for account number 720-05763-00.

**PASSED AND ADOPTED** this 14<sup>th</sup> day of December 2022 by the following vote:

**AYES:**

**NOES:**

**ABSTAIN:**

**ABSENT:**

CALAVERAS COUNTY WATER DISTRICT

\_\_\_\_\_  
President  
Board of Directors

**ATTEST:**

\_\_\_\_\_  
Rebecca Hitchcock  
Clerk to the Board

**LEAK ADJUSTMENT CALCULATION**

<b>CUSTOMER NAME:</b>	STEGER
<b>ACCOUNT #:</b>	720-05763-00
<b>APN #:</b>	98009016
<b>DATE OF LEAK: (Billing Cycle)</b>	NOV-22
<b>BILLED CONSUMPTION:</b>	\$2,775.14
<b>LAST YEAR'S CONSUMPTION:</b>	\$0.00
<b>DIFFERENCE:</b>	\$2,775.14
<b>CREDIT: (50% of Difference)</b>	\$1,387.57

# Agenda Item

DATE: December 14,, 2022

TO: Michael Minkler, General Manager

FROM: Damon Wyckoff, Director of Operations

SUBJECT: Approval of a Temporary Construction Easement to Pacific Gas and Electric Company on District Owned Parcel APN 304-004-062.

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## RECOMMENDED ACTION:

Motion: \_\_\_\_\_/\_\_\_\_\_ adopting Resolution No. 2022 - \_\_\_\_ Approving a Temporary Construction Easement to PG&E on a CCWD Owned Property APN 304-004-062-000 near Forest Meadows.

## SUMMARY:

PG&E is working to complete an electric grid system hardening project in the Stanislaus River Watershed. This project is very close to District-owned water, wastewater, treatment, distribution, and collections facilities. It also happens to be close to a District-owned parcel (APN 304-004-062-000). This Parcel near Forest Meadows Subdivision, is 8.66 acres. PG&E would like the TCE so that they can use the parcel to:

- Gravel and use for laydown and staging purposes, including the right to park vehicles, locate construction trailers, and store materials and equipment.
- Construct and gravel a pad and use the pad as a helicopter landing site.

From this TCE location, PG&E intends to fly material and equipment up the river canyon to construction sites throughout the area. The System Hardening Project will improve grid reliability and improve its operation in weather related emergencies.

The term of the TCE is for a period of nine months beginning February 1, 2023 and ending November 1, 2023. The TCE requires PG&E to restore the District's Parcel to a condition equal to or better than it was prior to the granting of the easement. It also requires PG&E to restore the roadway to the parcel to as good , or better condition than it was when the easement was granted.

## FINANCIAL CONSIDERATIONS:

PG&E will compensate CCWD 1,250 dollars per month for nine months for a total compensation of \$11,250.00 dollars. If the term is extended for some reason, PG&E will continue to pay \$1,250 per month until the TCE is terminated.

*Attachments: Resolution No. 2022-\_\_ approving a temporary construction easement for PG&E on a CCWD owned property (APN) 304-004-062-000 near Forest Meadows.  
TCE Agreement*

**RESOLUTION NO. 2022-**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
CALAVERAS COUNTY WATER DISTRICT**

**APPROVING A TEMPORARY CONSTRUCTION EASEMENT FOR PACIFIC GAS  
AND ELECTRIC COMPANY (PG&E) ON APN 034-004-062 TO AID IN THE  
COMPLETION OF AN ELECTRIC GRID SYSTEM HARDENING PROJECT**

**WHEREAS**, PG&E plans to complete an Electric Grid system hardening project near the Stanislaus River Canyon in the Ebbetts Pass Service Area;

**WHEREAS**, The Calaveras County Water District owns APN 034-004-062, an 8.66-acre parcel strategically located near PG&E's Project; and

**WHEREAS**, PG&E would like to obtain a Temporary Construction Easement (TCE) to use this parcel as a lay down yard to facilitate the completion of this project; and

**WHEREAS**, the Board of Directors of the Calaveras County Water District does hereby recognize the TCE as a beneficial use of the parcel; and

**NOW, THEREFORE BE IT RESOLVED**, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT approves providing PG&E with a TCE for APN 034-004-062.

**PASSED AND ADOPTED** this 14<sup>th</sup> of December 2022 by the following vote:

**AYES:**

**NOES:**

**ABSTAIN:**

**ABSENT:**

CALAVERAS COUNTY WATER DISTRICT

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President  
Board of Directors

**ATTEST:**

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Rebecca Hitchcock  
Clerk to the Board

## TEMPORARY CONSTRUCTION EASEMENT

CALAVERAS COUNTY WATER DISTRICT (CCWD) (“**Property Owner**”), hereby grants to PACIFIC GAS AND ELECTRIC COMPANY, a California corporation (“**PG&E**”), a temporary construction easement (“**TCE**”), to be used in connection with PG&E’s system hardening project (“**PG&E’s Project**”), within Property Owner’s lands which are situated in the City of Vallecito, County of Calaveras, State of California, identified as County Assessor’s Parcel Number 034-004-062-000 (the “**Property**”).

The activities allowed under this TCE are described as follows:

- (a) To gravel and use for laydown and staging purposes, including the right to park vehicles, locate construction trailers, and store materials and equipment.
- (b) to construct and gravel a pad and use such pad as a helicopter landing site.

The activities described above shall be within the area(s) delineated on the map attached and collectively referred to as (“**Temporary Easement Area**”).

1. **Term.** The term of this TCE shall be for a period of nine (9) months commencing on February 1, 2023 and shall terminate on November 1, 2023 (the “**Term**”). PG&E shall have the right, subject to the terms herein, to extend the Term on a month to month basis for up to three (3) month(s) by giving the Property Owner written notice of its intention prior to the expiration of the Term. This TCE shall be irrevocable during the Term, except in the case of material breach of the terms and conditions of this TCE.
2. **Compensation.** PG&E shall pay Property Owner One Thousand Two Hundred Fifty (\$1,250) per month for a total amount of Eleven Thousand Two Hundred Fifty (\$11,250.00) as compensation for this TCE and shall deliver the total payment after receiving a completed IRS W-9 Form and an executed copy of this TCE. If PG&E extends the Term of this TCE, PG&E shall pay Property Owner One Thousand Two Hundred Fifty Dollars (\$1,250) per month for the duration of the extended Term.
3. **Exclusive Use; Access; Fencing.** During the Term of this TCE, PG&E shall have the exclusive right to use the Temporary Easement Area and the right of ingress to and egress from the Temporary Easement Area over and across the Property. PG&E shall have the further right to erect and maintain temporary fencing and gates with a locking device to enclose the Temporary Easement Area, and shall remove such fencing and gates at the end of the Term.
4. **Indemnification.** PG&E agrees to indemnify Property Owner against any loss and damage which shall be caused by any wrongful or negligent act or omission of PG&E or of its agents or employees in the course of their employment, provided, however, that this indemnity shall not extend to that portion of such loss or damage that shall have been caused by Property Owner’s comparative negligence or willful misconduct.

5. **Compliance with Laws.** Interpretation and enforcement of this TCE shall be governed by the laws of the State of California. In exercising the rights granted under this TCE, PG&E shall comply with all laws, ordinances, and regulations pertaining to its use. PG&E is required under State and local law to re-stabilize any disturbed project location within the Temporary Easement Area in order to control soil erosion and sediment runoff, in accordance with applicable project permits. PG&E shall have the right to access the Temporary Easement Area as reasonably necessary to allow it to meet any applicable project permit obligations after the Term.
6. **Storm Water Pollution Prevention Plan (SWPPP)** – The State of California Construction General Permit (SWPPP) requires that PG&E shall establish a uniform vegetative cover equivalent up to 70% coverage of pre-construction vegetative conditions (wood mulch or gravel is acceptable also); and shall return the Temporary Easement Area to its original line and grade and/or compacted to achieve stabilization. Property Owner understands and agrees that PG&E's establishment of a uniform vegetative cover may require PG&E to access the Temporary Easement Area upon and after the Term to perform the permit's required inspections. PG&E shall have the right to access the Temporary Easement Area to allow it to meet its State mandated obligations.
7. **Restoration.** Upon completion of PG&E's Project, PG&E shall repair any damage and restore the Temporary Easement Area to as near as practicable to the condition that existed prior to PG&E use under this TCE. PG&E shall remove all personal property. **If owner requests** that gravel stay on the property, PG&E shall not be responsible for removing any gravel from the Temporary Easement Area and Property Owner shall own and assume all maintenance and liability associated with the gravel. **PG&E shall also repair any damage and restore any access road to the Temporary Easement Area to place it in as good of, or better condition than at the commencement of this Agreement.**
8. **Insurance.** PG&E certifies it is insured under a major risk management program with large self-insured retentions, with the minimum amount of \$1,000,000 covering PG&E use of the Temporary Easement Area under this TCE.
9. **Representation.** Property Owner represents and warrants the Temporary Easement Area is vacant and free from any encumbrances that would interfere with PG&E's full enjoyment of this TCE.
10. **Entire Agreement.** This TCE supersedes all previous oral and written agreements between and representation by or on behalf of the parties and constitutes the entire agreement of the parties with respect to the subject matter hereof. This TCE may not be amended except by a written agreement.
11. **Notices.** Any notices or communications hereunder shall be in writing and shall be personally delivered, or by email transmission, or sent by first class mail, certified or registered, postage prepaid, or by national overnight courier, with charges prepaid for next business day delivery, addressed to the addressee party at the address or addresses listed below, or to such other address or addresses as such party may from time to time designate in writing. Notices shall be deemed received upon actual receipt or refusal of the notice by the party being sent the notice. If to Property Owner: Damon Wycoff, Operations Manager, 120 Toma Court, San Andreas, CA, 95249, DamonW@CCWD.org, 209-754-3306

If to PG&E: Chadwick Wyler, SR/WA, Principal Right of Way Agent, 2730 Gateway Drive, Sacramento, CA 95833; Chadwick.Wyler@pge.com 925-391-4397



12. **Authority of Signatory.** Each party to this TCE warrants to the other that it has the right and authority to enter into and consummate this TCE and all related documents.
13. **Successors, Heirs, and Assigns.** This provisions of this TCE shall inure to the benefit of and bind the successors and assigns of the respective parties.
14. **Electronic Signatures.** This TCE may be executed by electronic signature(s) and transmitted either by facsimile or in a portable document format (“pdf”) version by email and such electronic signature(s) shall be deemed as original for purposes of this TCE and shall have the same force and effect as a manually executed original.
15. **Execution in Counterparts.** This TCE may be executed in two or more counterpart copies, each of which shall be deemed as an original and all of which, when taken together, shall constitute one and the same instrument.

PROPERTY OWNER:

By: \_\_\_\_\_

Name: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

**Temporary Easement Area**  
**Calaveras County APN: 034-004-062-000**  
**Owner Contact: Damon Wyckoff 209-768-8682**

Internal use only.  
Dissemination to any entity  
outside of PG&E requires the  
approval of Corporate Security

Loc 062 (101275689)

Loc 061 (104109539)

~11,000 sqft. for TCE  
APN 034-004-062-000

NEW FY#1

N38.1636°

Asst A Rd

2195 ft

# Agenda Item

DATE: December 14, 2022

TO: Michael Minkler, General Manager

FROM: Damon Wyckoff, Director of Operations

SUBJECT: Amendment of the Fiscal Year 2022/23 Personnel Allocation

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## **RECOMMENDED ACTION:**

Motion: \_\_\_\_\_ / \_\_\_\_\_ adopting Resolution No. 2022 - \_\_\_\_ Amending the Personnel Allocation reclassifying one Construction Worker to that of a Distribution Worker.

## **SUMMARY:**

CCWD management continually works to ensure the effective and efficient completion of work with a lean Staff allocation. In consideration of that fact, it is important to periodically review workload, staffing, and objectives to ensure all are optimized.

An upcoming retirement has provided CCWD management with the opportunity to review staff organization and responsibilities and it is clear some fine tuning will work to improve the effectiveness of the District's operations.

Currently the West Point Water System is staffed with a Construction Worker and a Treatment Plant Operator with assistance from other crews, when needed. The Construction Worker, who is retiring at the end of December, has primarily focused on the distribution and collections systems in West Point due to his intimate knowledge of the system. After review of the required work tasks surrounding the West Point distribution system and the upcoming capital improvement projects in the West Point area, management believes it is in the best interest of the District to staff a Distribution Worker, rather than a Construction Worker. This change will also allow greater Distribution System operations maintenance and flexibility throughout the District, as this position could also assist other distribution crews when time allows, or emergencies occur.

Therefore, staff recommend amending the personnel allocation to replace the Construction Worker with a Distribution System Worker.

Making this organizational change improves CCWD's ability to get work completed in the West Point area.

**STRATEGIC PLANNING:**

The 2021-2026+ CCWD Strategic Plan outlines several Goals and Objectives meant to identify organizational opportunities and measure CCWD's results over time. Consistent with the Strategic Plan, this Agenda item support the following objectives:

- OI-01        Ensure our infrastructure is operated and maintained.
- EO-04        Ensure proactive succession planning.
- EO-09        Evaluate the District's essential staffing and priorities.

**FINANCIAL CONSIDERATIONS:**

There is no financial impact as the top end of the pay range for a Distribution Worker is the same as a Construction Worker.

Attachments:                      *Resolution No. 2022-\_\_\_\_\_ Amending the FY 2022/23 Personnel Allocation  
Amended Personnel Allocation*

Department	Full Time Position	FY 2021-22	FY 2022-23
Administrative Services	Accountant I/II	2	1
	Accounting Technician I/II	1	1
	Customer Service Representative I/II/III/SR*	3	3
	Customer Service Supervisor	1	1
	Director of Administrative Services	1	1
	External Affairs Manager	1	1
	Information System Administrator	1	1
	Information System Technician**	0	1
	Succession IT Admin (2 Months)	0.17	0
<b>59 – Administrative Services Total</b>		<b>10.17</b>	<b>10</b>
Engineering/Technical Services	Construction Inspector I/II/III/SR	1	1
	Construction/ Inspection - Senior Supervisor	1	1
	District Engineer	1	1
	Engineer - Associate, Civil, Senior	3	3
	Engineering Coordinator	1	1
	Engineering Technician	1	1
<b>58 – Engineering/Technical Services Total</b>		<b>8</b>	<b>8</b>
General Management	Executive Assistant/Clerk to the Board	1	1
	General Manager	1	1
	Human Resources Manager	1	1
	Human Resources Technician	1	1
<b>General Management Total</b>		<b>4</b>	<b>4</b>
Utility Services	Administrative Technician I/II/Sr	1	1
	Collection System Worker I/II/III/IV/Sr	5	5
	Construction and Maintenance Manager	1	1
	Construction Worker I/II/III/Sr <sup>+</sup>	7	<del>6</del> 5
	Director of Operations	1	1
	Distribution Worker I/II/III/IV/Sr <sup>+</sup>	9	<del>9</del> 10
	Electrical/Instrumentation Tech I/II/Sr	1	2
	Electrical/SCADA Senior Supervisor	1	1
	Facilities Maintenance Worker	1	1
	Mechanic I/II/Sr	3	3
	Operations, Senior Supervisor	4	4
	Plant Operations Manager	1	1
	Purchasing Agent	1	1
	SCADA Technician I/Sr	2	1
	Utility Worker I/II/Sr	3	4
Water/Wastewater Plant Operator	10	10	
<b>Utility Services Total</b>		<b>51</b>	<b>51</b>
Water Resources	Manager of Water Resources	1	1
	Water Resources Technician**	0	1
<b>Water Resources Total</b>		<b>1</b>	<b>2</b>
Total Personnel Allocation		74.17	75

\* Customer Service Representative Temp position ends June 30, 2024

\*\* Added Information Systems Technician per Res. No. 2022-74

\*\*\* Added Water Resources Technician per Res. No. 2022-74

+ Move 1 FTE Construction Worker to Distribution Worker Classification per Res. No. 2022-

**RESOLUTION NO. 2022-**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
CALAVERAS COUNTY WATER DISTRICT TO AMEND THE FISCAL YEAR 2022-23  
PERSONNEL ALLOCATION**

**WHEREAS**, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT adopted Resolution 2022-65 on June 22, 2022 approving Fiscal Year 2022-23 Personnel Allocation; and

**WHEREAS**, on July 13, 2022, the Board of Directors adopted Resolution 2022-74 amending the Fiscal Year 2022-23 Personnel Allocation to add an Information Systems Technician and a Water Resources Specialist; and

**WHEREAS**, the Board of Directors does hereby find that it is in the best interest of the District to amend the Personnel Allocation to change one Construction Worker Position to a West Point Distribution Operator Position, and;

**NOW, THEREFORE BE IT RESOLVED**, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT authorizes an amendment to the Fiscal Year 2022-23 Personnel Allocation, attached hereto and made a part hereof, is hereby approved and adopted.

**PASSED AND ADOPTED** this 14<sup>th</sup> day of December 2022 by the following vote:

**AYES:**

**NOES:**

**ABSTAIN:**

**ABSENT:**

CALAVERAS COUNTY WATER DISTRICT

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President  
Board of Directors

**ATTEST:**

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Rebecca Hitchcock  
Clerk to the Board

# Agenda Item

DATE: December 14, 2022

TO: Michael Minkler, General Manager

FROM: Damon Wyckoff, Director of Operations

SUBJECT: Presentation on the State of District Buildings and Facilities

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## **RECOMMENDED ACTION:**

None. Informational only

## **SUMMARY:**

As you know, the Calaveras County Water District (CCWD) recently celebrated it's Diamond Jubilee acknowledging seventy-five years of operation. Currently, CCWD owns and operates 6 water systems and 13 wastewater systems throughout Calaveras County. These Water and Wastewater Systems have extensive infrastructure. Along with pumps, motors, filters, etc., there are buildings of all manner of construction (wood, block, concrete, etc.), fencing, landscaping, and lighting. Over the years, operational locations have changed, and treatment, distribution, and collections processes have improved. As a result, some buildings and the infrastructure they house are no longer in use. This fact helps to add to the amount of facilities CCWD must maintain.

CCWD has accomplished building and facilities maintenance, rehab and repair in a blend of different ways over the years. It has relied on crews to repair facilities and keep them in good working order. It has put work efforts out to bid and it also created a Facilities Maintenance Position. The Facilities Maintenance Tech completed small repairs, coordinated bids, and secured assistance for work efforts from other crews to keep buildings, grounds, and other infrastructure in good working order. For example, in fiscal year 2021/22 CCWD's Facilities Maintenance Tech worked with the District's Collections Crew to rehab and paint three lift stations in the Connor Estates HOA and coordinated with their Contractor to complete roof replacements. He constructed a building cover for the Arnold WWTP's split units, installed a door and created two new offices in the District's Administrative building, coordinated the Contractor completed roof replacement at the Dorrington Pump Station, coordinated and completed multiple landscaping efforts, coordinated herbicide spraying and weed control, tree removal, and completed multiple small "handyman-like" repair efforts before his retirement in August of 2022.

Even though the Facilities Maintenance Tech completed a significant amount of work year over year, as the presentation shows, more always needs to be done. Some of the more critical repair efforts include:

- Copper Cove Kiva Raw Water Pump Station – disconnect raw pumps, remove pumps and motors, and rehabilitate the building (siding, paint, interior).
- Old Copper Cove Water Treatment Plant – Hydraulically disconnect from the treated water Distribution System, remove pressure filter and media, demolish the building and associated above ground piping and infrastructure.
- 3642 Silver Rapids Road – Determine whether to demolish or keep the home and appurtenances. Home is in need of significant repair – drywall, siding, flooring, roof, etc.
- La Contenta Warehouse and Wastewater Treatment Plant – Air Compressor building needs complete rehab, site landscaping needs to be completed
- Copper Cove C Tank Pump Station – siding needs repair, paint needed
- Copper Cove Lift Stations – varies from siding repair, re-paint, re-roof.
- Copper Cove Warehouse – needs new drywall, windows
- Arnold WWTP – Ceiling repairs from past roof leaks, back of building repair at the site of the old HVAC Units
- Hunters WTP – Flooring and cabinets need replacement
- Forest Meadows WWTP and Filter/UV Room – Siding needs to be painted and replaced in places; Insulation in the Filter/UV Room needs to be replaced.

This is not a comprehensive list of necessary building repair/rehabilitation work, but it illustrates the amount of rehab and repair work that needs to be completed to restore and improve the condition of some District facilities. The work is continuous and requires a multi-faceted concerted effort.

District facilities that are currently in operation take priority and as their condition is improved CCWD moves to demolish, rehab, and repair facilities no longer in service. District staff are working to address these items as resources permit, however, projects that are beyond the expertise of District staff or require more time than staff can accommodate while still working to complete other responsibilities may need to be outsourced.

#### **STRATEGIC PLAN:**

- Customer Experience
- Enduring Organization
- Fiscal Responsibility
- People & Partnerships
- Operational Integrity

#### **FINANCIAL CONSIDERATIONS:**

None at this time. Dedicating resources to this effort will be discussed in the development of the budget for Fiscal Year 23/24.



# Agenda Item

DATE: December 14, 2022

TO: Michael Minkler, General Manager

FROM: Charles Palmer, District Engineer

RE: Discussion/Action regarding Division 5/Jenny Lind and La Contenta/North Vista Plaza Water and Wastewater Service Facilities Agreement

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## RECOMMENDED ACTION:

Motion: \_\_\_\_\_/\_\_\_\_\_ to adopt Resolution No.2022-\_\_\_\_\_ approving a Water and Wastewater Service Facilities Agreement with LGI Homes – California, LLC for North Vista Plaza and authorizing the General Manager to execute said Agreement.

## SUMMARY:

North Vista Plaza (developed by LGI Homes – California, LLC) consists of 156 single-family residential parcels (Assessor’s Parcel Numbers APN 73-056-001,-002,-003, and – 009, -013) is located off Vista Del Lago Drive in La Contenta, Final Subdivision Tract Map No. 2005-190. An application was submitted by LGI Homes – California, LLC, on April 6, 2022. District staff has since worked with the developer and their engineer on the submitted plans. The next step in this process requires a Facilities Agreement between LGI Homes – California, LLC and the District to provide water and wastewater services.

The District’s review and approval of the water and sewer utility plans is required prior to the County’s approval of the final subdivision map. The tentative map is set to expire in January although LGI Homes is on track to meet the requirements of final map approval prior to the deadline.

At this time, the District is presenting the attached “non-standard” Facilities Agreement for authorization by the Board of Directors. The Agreement is the District’s standard form with exceptions that are called for in Paragraph 7, *Determination of System Impacts* which are presented in Attachment ‘B’ in the agreement. The system impacts addressed in the agreement relate to the expansion of certain portions of the collections system that serves the project and a contribution to improvements at the Huckleberry lift station.

## FINANCIAL CONSIDERATIONS:

LGI Homes – California, LLC will be required to mitigate all system impacts and/or pay impact fees assessed by the District, as well as cover all of the District’s costs associated with project implementation. In addition, the standard water and wastewater capacity fees will be paid separately for each of the individual 156 parcels.

- Attachments:*
- a) Resolution No. 2022-\_\_\_ - Authorizing a Water and Wastewater Service Facilities Agreement with LGI Homes – California, LLC for North Vista Plaza*
  - b) Water and Wastewater Service Facilities Agreement*
  - c) Attachment A Maps*
  - d) Attachment B System Impacts*
  - e) Attachment C Draft Improvement Plans*

**RESOLUTION NO. 2022-**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE CALAVERAS COUNTY WATER DISTRICT**

**AUTHORIZING A WATER AND WASTEWATER SERVICE FACILITIES AGREEMENT  
WITH LGI HOMES – CALIFORNIA, LLC FOR NORTH VISTA PLAZA**

**WHEREAS**, the OWNER, LGI HOMES – CALIFORNIA, LLC, has filed with the County of Calaveras a Final Subdivision Tract Map No. 2005-190 for 156 single-family residential parcels (Assessor’s Parcel Numbers 073-056-001, -002, -003, -009 and -013) said developed property to be known as NORTH VISTA PLAZA; and

**WHEREAS**, OWNER has requested that DISTRICT provide water and wastewater service to the project, and the DISTRICT agrees to provide such service as stated in the attached “non-standard” Facilities Agreement including provisions for the mitigation of system impacts as stated in Attachment ‘B’ to the agreement, which according to CCWD policy requires approval by the Board of Directors; and

**BE IT RESOLVED**, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT does hereby approve said Water and Wastewater Service Facilities Agreement with LGI HOMES – CALIFORNIA, LLC for the Division 5, Jenny Lind and La Contenta, NORTH VISTA PLAZA, attached hereto and made a part hereof, and authorizes the General Manager to execute said Agreement.

**PASSED AND ADOPTED** this 14<sup>th</sup> day of December 2022 by the following vote:

**AYES:**  
**NOES:**  
**ABSTAIN:**  
**ABSENT:**

CALAVERAS COUNTY WATER DISTRICT

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President  
Board of Directors

**ATTEST:**

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Rebecca Hitchcock  
Clerk to the Board

## **WATER AND WASTEWATER SERVICE FACILITIES AGREEMENT**

THIS AGREEMENT is executed on December 14, 2022, by and between the **CALAVERAS COUNTY WATER DISTRICT**, a County Water District organized pursuant to Water Code §§ 30000 *et seq.*, hereinafter called DISTRICT, and **LGI Homes – California, LLC**, a California limited liability company, hereinafter called OWNER.

**WHEREAS**, the OWNER has filed with the County of Calaveras a Final Subdivision Tract Map No. 2005-190 for 156 single family residential parcels (Assessor's Parcel Numbers APN 73-056-001, -002, -003, -009 and -013), said developed property to be known as NORTH VISTA PLAZA, hereinafter called PROJECT. Said Final Map is attached hereto and incorporated herein as **ATTACHMENT 'A'**; and

**WHEREAS**, OWNER has requested that DISTRICT provide water and wastewater services to the PROJECT, and DISTRICT agrees to provide such services consistent with the terms and conditions set forth herein.

**IT IS MUTUALLY AGREED** by and between DISTRICT and OWNER as follows:

1. INCORPORATION OF RECITALS. The foregoing recitals are hereby incorporated by reference.
2. IMPROVEMENT PLAN. Prior to construction of the PROJECT, OWNER shall prepare and submit to DISTRICT for review all design and engineering calculations, plans, specifications, cost estimates, and construction schedules for water and wastewater systems required by DISTRICT to serve the PROJECT. OWNER shall prepare and submit legal property descriptions and public utility easements intended to be dedicated to DISTRICT. Conveyance to the DISTRICT of interests in real property shall be free and clear of encumbrance, liability, or obligation other than non-lien encumbrances of record as of the date of this Agreement and encumbrances such as easements granted in connection with construction of the Improvement System. The foregoing calculations, plans, specifications, cost estimates, schedules, conveyances, and assurances, and any related submissions required by DISTRICT, are hereafter collectively referred to as the "Improvement Plans." The Improvement Plans shall be reviewed by DISTRICT for conformance with DISTRICT Improvement Standards and Standard Construction Specifications (collectively "Improvement Standards") and other DISTRICT rules in effect at the time the Improvement Plans are provided to the District in a final form for review and approval. OWNER understands and agrees that should it delay in submitting its plans and commencing construction the current Improvement Standards of District may change and OWNER may have to update its Improvement Plans. DISTRICT shall bear no responsibility for the accuracy or reliability of the Improvement Plan, design, and engineering calculations, plans, specifications, or underlying data.

The Improvement Plans will be furnished for District approval in three sets, with each set being an "Improvement Plan:

- a. "On-Site Water and Sewer Utilities": the water and wastewater infrastructure depicted on the 12/3/2022 draft of improvement plans submitted by OWNER, which are attached hereto as **Attachment C**
- b. "On-Site Lift Stations":
  - i. Lift Station A located on Lot A which will pump wastewater flows through a 1,526-foot force main pipeline southeast up I Street, then southwest up E Street into a gravity manhole at the intersection of E Street and Vista Del Lago Dr.
- c. Lift Station B located on Lot K which will pump wastewater flows through a 322-foot force main pipeline northwest up D Street, then southwest up C Street into a gravity manhole in C Street. "Off-Site Improvements": the off-site sewer improvements detailed in Attachment B #1.

The On-Site Water and Sewer Utilities, On-Site Lift Stations, and Off-Site Improvements are collectively the "Improvement System".

3. IMPROVEMENT SYSTEM. OWNER shall design, construct, and install, and modify the Improvement System in compliance with the Improvement Plans, Improvement Standards, and other DISTRICT rules, and in compliance with all other requirements of each and every governmental authority having any jurisdiction whatsoever in connection with the PROJECT. OWNER is solely responsible for ensuring that the Improvement System is in compliance with all applicable legal requirements, including the Improvement Standards and other DISTRICT rules, and DISTRICT shall have no responsibility for same. Once DISTRICT has reviewed an Improvement Plan for conformity with the Improvement Standards and other DISTRICT rules, and the Improvement Plan is "Released for Construction" per Improvement Standards § 1.2.11, OWNER shall at its sole expense construct all facilities and do all other work required by the Improvement Plan and this Agreement.

4. COSTS. OWNER shall pay (a) all costs arising from construction of the Improvement System, subject to reimbursement described in **Attachment B #1** or as otherwise agreed in writing by both parties, and (b) its portion of the Huckleberry Impact Costs detailed in **Attachment B #2**. Where "costs," "fees," or "charges," and similar terms are referenced in this Agreement, the use of a particular term may incorporate references to other terms such as, for example, rates, fees, charges, assessments, or other levies by DISTRICT. Unless stated otherwise in this Agreement, regardless of the terminology used, in all instances OWNER is solely responsible for any and all costs associated with the Improvement Plan and Improvement System, and OWNER is solely responsible for full and timely payment of any and all costs identified by DISTRICT.

5. CONVEYANCE TO DISTRICT.

a. Upon completion of construction by OWNER, and final inspection by DISTRICT that confirms construction of the Improvement System conforms to the Improvement Plans, Improvement Standards, and other DISTRICT rules, OWNER shall dedicate the Improvement System and related property and/or easements as identified in the Improvement Plans (the "Improvement Property") to DISTRICT. Upon the request of OWNER, DISTRICT may, at its sole discretion, allow OWNER to dedicate the Improvement System and Improvement Property incrementally. DISTRICT reserves the right to require a new written Agreement of the parties for different phases of construction, which right DISTRICT may exercise at its sole discretion.

b. DISTRICT will not accept the Improvement Property until such time as the Improvement Plans have been "Released for Construction" by DISTRICT the Improvement System has been constructed per the Improvement Plans and the Improvement Property is in full compliance with this Agreement, Improvement Standards, and other DISTRICT rules, as required by DISTRICT. Additionally, DISTRICT will not accept any Improvement System or Improvement Property, until all outstanding amounts owed to DISTRICT by OWNER, or any related entity are paid in full. Upon completion of the Improvement Property and acceptance by DISTRICT, OWNER shall promptly file a "Notice of Completion" with the County Recorder and OWNER shall grant, transfer, and assign the entire Improvement Property to DISTRICT free and clear of any and all encumbrance, liability, or obligation other than non-lien encumbrances of record as of the date of this Agreement and encumbrances such as easements granted in connection with construction of the Improvement System. At the time of conveyance, OWNER shall provide to DISTRICT the cost breakdown and total construction cost to OWNER of the Improvement System being transferred to DISTRICT.

c. OWNER covenants, represents, and warrants to DISTRICT as follows: (i) that OWNER owns the Improvement Property in fee simple title; (ii) that OWNER has the full right, power, and authority, without the consent or approval of any other party, to enter into this Agreement, to convey the Improvement Property to DISTRICT, and to perform the obligations on the part of the OWNER to be kept and performed under this Agreement; (iii) that the Improvement Property is now and shall be as of the date of the conveyance of the Improvement Property, free and clear of all liens, encumbrances, and restrictions, including, without limitation, any easements which interfere with OWNER's use, operation, or maintenance of the Improvement Property, but excluding non-lien encumbrances of record as of the date of this Agreement and encumbrances such as easements granted in connection with construction of the Improvement System; (iv) that upon conveyance of the Improvement Property to DISTRICT, no encumbrance, restriction, or easement granted or imposed upon the Improvement Property, whether or not described in this Agreement, shall impair nor restrict any right granted to DISTRICT or derived by DISTRICT under this Agreement. The covenants, warranties, and

representations included in this Paragraph 5 shall be deemed remade as of the date of conveyance of the Improvement Property to DISTRICT.

6. DISTRICT OPERATION OF SYSTEM. As long as the Improvement System complies with the Improvement Plans, Improvement Standards, and other DISTRICT rules, and OWNER is current with payments and otherwise in compliance with this Agreement, after acceptance, in each case as of the date of conveyance, DISTRICT agrees to operate and maintain the Improvement System and to provide service to the PROJECT via the Improvement System in the manner provided for by law. OWNER acknowledges that availability and quality of water and wastewater service depends on many factors including, but not limited to, hydrologic conditions, infrastructure, staffing, and regulatory limitations; and OWNER understands and agrees that this Agreement does not guarantee or warrant availability or quality of service. Acceptance, operation, or maintenance of the Improvement System by DISTRICT does not relieve OWNER of its indemnification or warranty obligations or other obligations as provided for by this Agreement.

7. DETERMINATION OF SYSTEM IMPACTS. DISTRICT and OWNER acknowledge and understand the obligation of DISTRICT pursuant to California Constitution, Article XIID, Water Code §§ 30000 *et seq.*, Government Code § 66013 and other authorities, to fairly allocate costs and benefits by determining and properly allocating to OWNER the cost of mitigating the impacts of the Project on DISTRICT's system and resources. In accordance with said understanding, the parties hereto further agree as follows:

a. DISTRICT has determined that there are impact costs as set forth in **ATTACHMENT 'B'** attached hereto and incorporated herein by reference.

b. OWNER agrees that the determination, allocation, and imposition of impact costs payable by OWNER as set forth in **ATTACHMENT 'B'** are matters of binding contract as memorialized in this Agreement, pursuant to arms-length negotiation between DISTRICT and OWNER.

c. OWNER agrees to timely pay the cost obligations as set forth in **ATTACHMENT 'B'**. In the absence of timely payment by OWNER, DISTRICT reserves the right to enforce the terms of bonds or other assurance, to suspend any or all DISTRICT performance under this Agreement, and to take any other action that DISTRICT, at its sole discretion, deems appropriate, including, but not limited to, suspension of Improvement Plan processing and/or prohibition of Project construction where such construction would create a demand for **water and wastewater** services.

d. Payment of costs by OWNER does not relieve successors in interest of the obligation to pay other DISTRICT charges, including, but not limited to, **water and wastewater** rates, administrative fees, connection fees, and capacity charges.

e. Additional funding or construction shall be the subject of a supplemental written contract by the parties hereto and bonding and/or other assurances to be provided by OWNER. OWNER shall be solely responsible to make additional payments.

8. WARRANTY. OWNER warrants that the Improvement System and the work performed on it shall be free of defects for a period of **TWO (2) YEARS** after final acceptance by DISTRICT ("warranty period"). During the warranty period, at DISTRICT's request and sole discretion, OWNER shall be responsible for all necessary repairs to the Improvement System. Warranty work shall be performed within three (3) business days of notice by DISTRICT that such work is required. DISTRICT shall be entitled to allow extensions of this three (3) day period to accommodate delays not within the control of OWNER, without waiving any protections or benefits of the warranty provided herein. Upon completion of the warranty work, OWNER shall promptly provide written notification to DISTRICT of: (1) the specific warranty work completed; and (2) the date the warranty work was completed.

If DISTRICT requests warranty work on any aspect(s) or component(s) of the Improvement System, OWNER understands and agrees that the warranty period for the repaired items shall be extended for an additional **TWO (2) YEARS**. This extended warranty shall begin on the date that the warranty work is completed. OWNER shall provide DISTRICT with a rider to the warranty guarantee or other form of proof describing the warranty extension.

This section shall not waive any other rights or remedies available to DISTRICT under this Agreement or applicable law, including, but not limited to, claims relating to design or construction defects.

9. NO WAIVER. The waiver at any time by a Party of its rights with respect to a default or other matter arising in connection with this Agreement will not be deemed to be a waiver with respect to any subsequent default or matter.

10. SUCCESSORS IN INTEREST. The rights and obligations under this Agreement shall accrue to the benefit of and be binding upon the successors and assigns of the Parties hereto; however, except for the sale of lots in the ordinary course of business, OWNER shall not assign or transfer (by operation of law or otherwise) their interest(s) or any part thereof without the prior written consent of DISTRICT, which consent shall not be unreasonably withheld.

11. SECURITY. Upon request by DISTRICT'S General Manager prior to commencing construction of any DISTRICT-approved Improvement Plan, OWNER shall promptly execute and deliver to DISTRICT, or other appropriate authority as designated by DISTRICT, a faithful performance bond and a payment bond in the amount of 125% of the estimated cost of construction for the given Improvement Plan and in a form



acceptable to the DISTRICT. Said bond will be released by DISTRICT in whole or in part upon acceptance of the relevant portion of the Improvement System by DISTRICT and upon receipt of a written statement from OWNER confirming payment of all persons furnishing labor and materials in the performance of the work. Alternative forms of security may be accepted at the sole discretion with prior approval of DISTRICT'S General Manager. The determination of whether security is required shall be at the sole discretion of DISTRICT'S General Manager.

Upon acceptance of the relevant portion of the improvement System by DISTRICT, OWNER will execute and deliver a maintenance bond in the amount as follows: (1) if estimated cost of the relevant portion of the improvement system is less than \$100,000 the maintenance bond will be 40% of the estimated cost, (2) if estimated cost of the relevant portion of the improvement system is between \$100,000 to \$1,000,000 the maintenance bond will be 30% of the estimated cost, or (3) if estimated cost of the relevant portion of the improvement system is greater than \$1,000,000 the maintenance bond will be 20% of the estimated cost.

12. INSURANCE. At all times during performance of the work called for herein, OWNER shall maintain, and shall require all contractors engaged to perform work on the Improvement System to maintain, a separate policy or policies of insurance in forms, types and amounts acceptable to DISTRICT'S General Manager. All policies shall name DISTRICT as additional insured and shall further provide that such insurance is primary insurance to any insurance or self-insurance maintained by DISTRICT and that the insurance of the additional insured shall not be called upon to contribute to any loss.

13. INDEMNITY. OWNER shall to the fullest extent permitted by law, indemnify, hold harmless, release, and defend DISTRICT, its Directors, officers, employees, agents, contractors, and authorized volunteers from and against any and all liability, demands, payment, actions, claims, damages, disabilities, or expenses arising in any way from acts or omissions related to the design, construction, operation, maintenance, repair, or replacement of the Improvement Plan(s) and Improvement System called for by this Agreement, or resulting directly or indirectly from the breach of the covenants, warranties, and representations included in Paragraph 5 of this Agreement. OWNER shall defend DISTRICT with counsel of DISTRICT's choice. The foregoing obligations shall not be affected by any determination by DISTRICT that the Improvement System or Improvement Plans comply with the Improvement Standards and other DISTRICT rules. The foregoing obligations are not limited in any way by the financial viability of the PROJECT or by any limitation on the amount or type of damages or compensation payable to or for OWNER or its agent(s) under insurance, Workers' Compensation acts, disability benefits acts, or other employee benefit acts.

OWNER agrees to include the following clause in all contracts with construction contractors, equipment, or materials suppliers:

"Contractors, subcontractors, and equipment and material suppliers on the PROJECT, or their sureties, shall maintain no action against DISTRICT, its Directors, officers, employees, agents, contractors, or authorized volunteers for any claim arising out of, in connection with, or resulting from the Improvement Plan(s) or the Improvement System or actions undertaken pursuant to this Agreement."

This section shall not be deemed to require OWNER or contractors to indemnify DISTRICT against liability for damage or loss arising from the sole negligence or willful misconduct of DISTRICT, its Directors, officers, employees, agents, contractors, or authorized volunteers, or damage or loss arising from the active negligence of DISTRICT.

14. DISCLOSURE OF FEES TO BUYERS. OWNER agrees to disclose to all buyers of PROJECT lots the existence of, and obligation of buyers to pay as conditions of water and wastewater service, any and all DISTRICT fees, including, specifically and without limitation, water and wastewater rates, connection fees, capacity charges, impact costs, and the annual benefit assessment described herein. DISTRICT's fees are subject to change from time to time in order to reflect actual costs of providing service.

15. ATTORNEYS' FEES. If either Party brings any action to enforce this Agreement, or for the breach thereof, the losing Party shall pay the prevailing Party's costs and reasonable attorneys' fees. Such action shall be brought and tried in Calaveras County, California.

16. DISTRICT COSTS / OWNER LIABILITY.

a. OWNER shall pay within thirty (30) days of billing all costs incidental to DISTRICT's review of calculations, plans, specifications, cost estimates, property descriptions, rights-of-way, permits, and other aspects of the Improvement Plans and Improvement System and shall pay all costs incidental to the construction, inspection, permits, licenses, bonds, administration as required for completion and acceptance of the Improvement System. DISTRICT reserves the right to review Improvement Plans and related documents as many times as necessary for conformance with the Improvement Standards and other DISTRICT rules, and OWNER acknowledges that it will pay invoices for same as specified below. In addition, DISTRICT reserves the right to conduct the number of inspections deemed necessary to ensure the proper installation of Improvement System facilities, and OWNER acknowledges that it will pay invoices for same as specified below.

b. Prior to Improvement Plan review, checking, and construction of the Improvement System, OWNER shall deposit Plan Checking and Inspection Deposits with DISTRICT in accordance with DISTRICT's Improvement Standards. Unless payment in advance is required by DISTRICT, OWNER also agrees to pay within thirty (30) days after receipt of billing all DISTRICT fees associated with review of the Improvement Plans and

inspection of the Improvement System. DISTRICT may contract with an engineering firm to provide inspection, testing, or other services and charge the direct billings plus ten percent (10%) for DISTRICT's overhead. DISTRICT's personnel will be charged out at the rate of direct time (based on salary x 2.5), plus expenses, such as mileage, soil testing, etc., as required for completion and acceptance of the Improvement System.

c. In the event OWNER fails to pay DISTRICT costs associated with the review of Improvement Plans and inspection of the Improvement System in a timely manner, review of the Improvement Plans and inspection of the Improvement System will be stopped. DISTRICT will not accept construction work that has not been inspected.

d. Any Improvement System facilities installed without being inspected by DISTRICT will be automatically rejected and will be required to be re-installed in the presence of a DISTRICT inspector, at OWNER's sole expense.

e. Section 2661 of DISTRICT's 2019 Standard Specifications, relative to closed circuit television inspection (TV inspection) of the sewer pipeline system (conducted prior to acceptance and prior to expiration of two-year warranty period, and any extensions thereof) currently allows DISTRICT to require OWNER to submit a video report for said TV inspection.

f. The foregoing paragraphs shall not waive any other rights or remedies available to DISTRICT under this Agreement or applicable law.

17. WATER AND WASTEWATER FEES. Water and wastewater connection, capacity, monthly service, and account establishment fees are due and payable at the time service is requested. OWNER is advised to confirm these fees with DISTRICT's Customer Service Department. DISTRICT reserves the right to establish new fees or modify existing fees from time to time, at its sole discretion.

In addition to the above fees, any fees allocated to individual lot developers are due and payable at the time service is requested.

Applications for service connections shall not be made until after acceptance of the Improvement System by DISTRICT, and service will not be provided until all fees are paid in full. Service connections to commercial establishments shall not be made until the type of business or establishment is declared to DISTRICT and all applicable fees are paid.

18. CALIFORNIA ENVIRONMENTAL QUALITY ACT / RESPONSIBLE AGENCY. The County of Calaveras acts as lead agency for development projects within the County, including the PROJECT for which either a negative declaration, mitigated negative declaration, or environmental impact report has been prepared by OWNER, and which constitutes CEQA review of the PROJECT. DISTRICT shall review the CEQA

documentation as a Responsible Agency prior to determining whether or not the Improvement System will be "Released for Construction." OWNER shall pay the cost of such review and any associated environmental and filing fees within thirty (30) days of billing by DISTRICT and shall ensure implementation of any mitigation measures required by DISTRICT. If additional CEQA or other environmental review by DISTRICT becomes appropriate, OWNER shall pay any and all costs associated with such review within thirty (30) days of billing by DISTRICT.

19. OWNER DILIGENCE REQUIREMENTS / TERMINATION OF DISTRICT OBLIGATIONS. DISTRICT and OWNER agree that, to facilitate orderly planning and for other DISTRICT purposes, it is intended that the Improvement System and PROJECT be diligently pursued by OWNER. Accordingly, OWNER agrees to submit the Improvement Plans required by this Agreement to DISTRICT within **TWO (2) YEARS** of the date of execution of this Agreement by both Parties, and to promptly make any changes necessary to ensure the Improvement Plans conform with the Improvement Standards and other DISTRICT rules. After an Improvement Plan is "Released for Construction," the timeline for commencing and completing construction of the Improvement System is governed by the Improvement Standards and other DISTRICT rules.

If OWNER does not submit and DISTRICT does not "Release for Construction" the Improvement Plans within **TWO (2) YEARS** of the date of execution of this Agreement by both Parties or commence or complete construction of the Improvement System within the timelines specified above, **any and all rights of OWNER and obligations of DISTRICT to provide water and wastewater service under this Agreement shall immediately terminate.** OWNER shall remain responsible for timely payment of any and all costs owed hereunder. At the request of OWNER, DISTRICT may, at its sole discretion, extend this Agreement for a specified period of time, on terms required by DISTRICT. Such extension shall be in writing and signed by both Parties.

20. ENTIRE AGREEMENT. This instrument constitutes the entire Agreement of the Parties. Specifically, and without limitation, DISTRICT's Concept Review Approval is not an Agreement of the Parties and may not be relied upon by OWNER for any purpose. The Improvement System may be built only under the terms of this Agreement and pursuant to an Improvement Plan "Released for Construction" by DISTRICT. This instrument may not be changed orally. It may only be changed in writing signed by the Party(ies) against whom enforcement of any waiver, changes, modification, extension, or discharge is sought. The Parties shall promptly do all acts and execute and deliver all instruments required or convenient to carry out the purpose and intent thereof.

This Agreement applies only to the facilities included in the Improvement Plan provided for herein, as "Released for Construction" by DISTRICT. After an Improvement Plan is "Released for Construction," any future additions, extensions, or modifications to the Improvement System identified in the Improvement Plan shall be covered by a separate written Agreement.

21. DEFAULT BY OWNER. In the event DISTRICT incurs any costs whatsoever in performing any work with respect to the Improvement System that is required to be performed by OWNER under this Agreement, all such costs shall be billed to OWNER or OWNER's successor(s) as shown on the latest adopted County Assessment Roll and shall, immediately upon billing, become a lien upon the real property served by, or to be served by, the Improvement System . Any such billing may, at the option of DISTRICT, be recorded in the Office of the County Recorder. Such billing shall be paid to DISTRICT within thirty (30) days of billing. If the billing is not paid within thirty (30) days, the obligation shall include interest from the date of initial billing until paid in full, and the interest rate shall be that interest rate paid to the Local Agency Investment Fund (LAIF) as of the date of initial billing. In the event all such costs are not paid within thirty (30) days of initial billing; OWNER shall be deemed in default of this Agreement and DISTRICT may bring such legal action as may be permitted by law. In any such action in which DISTRICT prevails, DISTRICT shall be awarded all costs of suit, including attorneys' fees, which costs, and fees shall also be a lien upon the real property served by, or to be served by, the Improvement System.

This section shall not waive any other rights or remedies available to DISTRICT under this Agreement or applicable law.

22. NOTICES. All notices and demands or other communications under this Agreement shall be in writing and shall be given by one Party to the other at the following addresses for each:

OWNER

*LGI HOMES – California, LLC  
2251 Douglas Blvd., Suite 110  
Roseville, CA 95661  
V (310) 560-1487*

DISTRICT

CALAVERAS COUNTY WATER DISTRICT  
120 Toma Court  
San Andreas, CA 95249  
V (209) 754-3543 / F (209) 754-1069

Any such notice or other communication shall be deemed delivered 2 business days after it is emailed to LGI Homes and mailed by U.S. Postal Service First Class or, in the case of any such notice or other communications mailed by U.S. Postal Service Certified Mail or other delivery service, on the date of actual receipt.

23. REVIEW BY COUNSEL. It is agreed and acknowledged by OWNER and DISTRICT that the provisions of this Agreement have been arrived at through negotiation and that OWNER and DISTRICT have had a full and fair opportunity to revise the provisions of this Agreement and to have such provisions reviewed by legal counsel. Therefore, the normal

rule of construction that any ambiguities are to be resolved against the drafting Party shall not apply in construing or interpreting this Agreement.

24. CAPTIONS. The captions in this Agreement are solely for convenience of reference. They are not a part of this Agreement and shall have no effect on its construction or interpretation.

25. NO JOINT VENTURE. Nothing in this Agreement will be construed to create an association, joint venture, trust, or partnership, or to impose a trust or partnership covenant, obligation, or liability between the Parties.

26. NO THIRD-PARTY BENEFICIARIES. Nothing contained in this Agreement shall be construed to create, and the Parties do not intend to create any rights in third Parties.

27. TERM OF AGREEMENT. This Agreement shall be deemed to be fully performed only upon expiration of any and all warranty periods applicable to the Improvement System pursuant to Paragraph 8 above, except that the disclosure obligations set forth in Paragraph 16 above shall continue to apply beyond expiration of any and all warranty periods.

**IN WITNESS WHEREOF**, the Parties have executed this Agreement the day and year first written above.

Approved by DISTRICT'S Board of Director's by Resolution No. 2023-\_\_\_\_\_ on \_\_\_\_\_, 2023.

**DISTRICT**

CALAVERAS COUNTY WATER DISTRICT

\_\_\_\_\_  
Michael Minkler  
General Manager

ATTEST:

\_\_\_\_\_  
Rebecca Hitchcock  
Clerk to the Board

**OWNER**

LGI HOMES – California, LLC

\_\_\_\_\_ (Signature)

\_\_\_\_\_ (Name/Print)

\_\_\_\_\_ (Title)

SIGNATURES MUST BE NOTARIZED

**ALL-PURPOSE ACKNOWLEDGMENT**  
**Civil Code § 1189**

**A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.**

State of California )

County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public,  
Date Name And Title Of Officer (e.g. "Jane Doe, Notary Public")

personally appeared \_\_\_\_\_,  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Place Notary Seal Above*

Signature: \_\_\_\_\_

**ALL-PURPOSE ACKNOWLEDGMENT**  
**Civil Code § 1189**

**A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.**

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Date Name And Title Of Officer (e.g. "Jane Doe, Notary Public")

personally appeared \_\_\_\_\_,  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Place Notary Seal Above*

Signature: \_\_\_\_\_



**ATTACHMENT 'A'**

DRAFT

## **ATTACHMENT 'B' SYSTEM IMPACTS**

Prior to acceptance of the Improvement System by DISTRICT, the OWNER will mitigate the following off-site impacts:

### **1. OFF-SITE SEWER IMPROVEMENTS**

OWNER will mitigate impacts to the La Contenta gravity sewer system to correct a capacity bottleneck between manholes MH215 to MH172. The sewer piping will be increased from 6" to 8" diameter from MH215 to MH170 and from 8" to 10" diameter from MH170 to MH172. Improvements will conform to DISTRICT Construction Standards and Details. A complete project will be performed including, but not limited to, environmental review, environmental permitting, new manholes, piping, excavation, backfill, demolition, paving, traffic control, storm water BMP's, surveying, staking, easements, encroachments, soil compaction tests, testing and inspection, and all other necessary items. OWNER will be responsible for cost share of 48% (156 of 326 EDU's) of the total cost for mitigating said impacts. The costs include administration, design, construction, construction management, and inspection, OWNER will design and construct the OFF-SITE SEWER IMPROVEMENTS, per the terms of this Agreement. OWNER will design the OFF-SITE SEWER IMPROVEMENTS plans with input from the DISTRICT and the plans and design will be subject to approval and review by the DISTRICT as provided in this Agreement.

OWNER agrees and understands that the OFF-SITE SEWER IMPROVEMENTS, must be completed prior to of the On-Site Water and Sewer Utilities being connect to the DISTRICT system. To that end OWNER agrees to work with the DISTRICT to prepare plans for construction of the OFF-SITE SEWER IMPROVEMENTS and have the plans ready for construction within ten (10) months, and the OFF-SITE SEWER IMPROVEMENTS completed with twenty-four (24) months of the date of this Agreement.

Upon completion of the OFF-SITE SEWER IMPROVEMENTS, OWNER will submit a reimbursement package to the DISTRICT, which shall include, but not be limited to, copies of all invoices for the material, labor, certified payroll, lien releases and other documentation to show the cost of the construction of the OFF-SITE SEWER IMPROVEMENTS. Such information shall be subject to audit by the DISTRICT. Upon receipt of all required invoices and back-up documentation the DISTRICT shall reimburse OWNER for fifty-two (52) percent of the construction costs of the OFF-SITE SEWER IMPROVEMENTS.

Should the OWNER not meet the timeline set forth in this Section, the DISTRICT may take over construction of the OFF-SITE SEWER IMPROVEMENTS and the OWNER shall reimburse the DISTRICT for forty-eight (48) percent of the total cost at outlined in the first paragraph above.

### **2. HUCKLEBERRY LIFT STATION UPGRADES**

OWNER will contribute to the cost of improvements to the Huckleberry Lift Station. DISTRICT will purchase and install larger pumps to increase capacity to serve the system. DISTRICT will design and make upgrades to electrical systems and replace backup power generator to supply large motor loads. The improvements are estimated to cost \$1,123,038 to serve 1,368 edu's at buildout. The cost share for North Vista Plaza (156's) is \$128,066. DISTRICT will invoice OWNER for its cost share and OWNER will pay the cost share prior to acceptance of Improvement System.

DRAFT

**LEGEND**

ITEM	EXISTING	PROPOSED
PROPERTY LINE	---	---
RIGHT-OF-WAY	---	---
EASEMENT	---	---
ROAD CENTERLINE	---	---
SETBACK	---	---
MAJOR CONTOUR	605	605
MINOR CONTOUR	601	601
TOP/BOTTOM OF SLOPE	---	---
GRADE BREAK	---	GB
SWALE FLOW LINE	---	---
GUTTER FLOW LINE	---	---
RETAINING WALL	---	---
SOUND WALL	---	---
FENCE/GATE	---	---
STORM DRAIN PIPE LINE	SD	---
SANITARY SEWER PIPE LINE	SS	---
FORCE MAIN LINE	---	---
WATER PIPE LINE	W	---
STORM DRAIN MANHOLE	---	---
SANITARY SEWER MANHOLE	---	---
STORM DRAIN INLET	---	---
FLARED END SECTION	---	---
SEWER SERVICE	---	---
PUMPED SEWER SERVICE	---	---
WATER SERVICE	---	---
FIRE HYDRANT	---	---
CROSS TEE	---	---
TEE	---	---
90° BEND	---	---
45° BEND	---	---
22.5° BEND	---	---
11.25° BEND	---	---
BLOWOFF VALVE	---	---
AIR RELEASE VALVE	---	---
WATER VALVE	---	---
WATER WELL	---	---
ELECTRIC POLE	---	---
GAS STRUCTURE	---	---
TELECOMMUNICATIONS VAULT	---	---
ELECTRICAL VAULT	---	---
STREETLIGHT	---	---
PARKING STALL STRIPING	---	---
PARKING STALL NUMBER	---	---
2:1 SLOPE ARROW	---	---
OVERLAND RELEASE	---	---
PAD ELEVATION	---	---
MONUMENT	---	---
SIGN	---	---
POST	---	---
STOP BAR STRIPING	---	---
BIKE LANE STRIPING	---	---

**ABBREVIATIONS**

AB	AGGREGATE BASE	OH	OVERHEAD
AC	ASPHALT CONCRETE	OG	ORIGINAL GROUND
APN	ASSESSOR PARCEL NUMBER	PUE	PUBLIC UTILITY EASEMENT
ARV	AIR RELEASE VALVE	PG&E	PACIFIC GAS & ELECTRIC
BM	BENCHMARK	PI	POINT OF INTERSECTION
BO	BLOWOFF	PL	PROPERTY LINE
BSW	BACK OF SIDEWALK	PP	POWER POLE
BVC	BEGIN VERTICAL CURVE	PUE	PUBLIC UTILITY EASEMENT
BW	BOTTOM OF WALL	PVC	POLYVINYL CHLORIDE
C&G	CURB AND GUTTER	PVI	POINT OF VERT. INTERSECTION
CB	CATCH BASIN	R	RADIUS
CL	CENTERLINE	RED	REDUCER
CL	CLASS	R/W	RIGHT OF WAY
CONC	CONCRETE	RCP	REINFORCED CONCRETE PIPE
CY	CUBIC YARD	RT	RIGHT
DI	DROP INLET	S	SLOPE (FEET/FOOT)
DIP	DUCTILE IRON PIPE	SD	STORM DRAIN
EG	EXISTING GRADE	SDE	STORM DRAIN EASEMENT
EL	ELEVATION	SS	SANITARY SEWER
EP	EDGE OF PAVEMENT	SSE	SANITARY SEWER EASEMENT
EVC	END VERTICAL CURVE	STA	STATION
EX	EXISTING	STD	STANDARD
FG	FINISHED GRADE	SSCO	SANITARY SEWER CLEANOUT
FS	FINISHED SURFACE	TBC	TOP BACK OF CURB
GB	GRADE BREAK	TW	TOP OF WALL
GFL	GUTTER FLOW LINE	VC	VERTICAL CURB
HP	HIGH POINT	VCP	VITRIFIED CLAY PIPE
I.O.D.	IRREVOCABLE OFFER OF DEDICATION	VG	VALLEY GUTTER
LP	LOW POINT	W	WATER
LT	LEFT	WS	WATER SERVICE
NTS	NOT TO SCALE	WSE	WATER SURFACE ELEVATION
OC	ON CENTER		

**PROPERTY**

APN: 073-056-001  
073-056-002  
073-056-003  
073-056-009

**OWNER**

LGI HOMES - CALIFORNIA, LLC  
2251 DOUGLAS BLVD, SUITE 110  
ROSEVILLE, CA 95661  
KEITH SPRAGUE (209)-986-6606

**CIVIL ENGINEER**

RICK ENGINEERING COMPANY  
2525 EAST BIDWELL STREET  
FOLSOM, CA 95630  
916-638-8200

**GEOTECHNICAL ENGINEER**

WALLACE KUHLE & ASSOCIATES  
3422 WEST HAMMER LANE, SUITE D  
STOCKTON, CA 95219  
209-234-7722

**PROJECT BENCHMARK**

THE BENCHMARK FOR THIS PROJECT IS A 3/4" REBAR APPROXIMATELY 1,300 FEET SOUTHERLY ALONG HIGHWAY 26 FROM VISTA DEL LAGO WEST. SET IN FINAL MAP NUMBER TSM 98-07. ELEVATION ESTABLISHED AS 651.60 FEET.

**TOPOGRAPHIC DATA**

AERIAL TOPOGRAPHIC DATA FOR THIS PROJECT WAS PROVIDED BY SYNERGY MAPPING, INC. VIA MORROW SURVEYING, INC. TOPOGRAPHIC DATA WAS FLOWN SEPTEMBER 21, 2018.

**BASIS OF BEARINGS**

CENTERLINE OF WEST VISTA DEL LAGO ROAD AS SHOWN ON FINAL MAP RECORDED IN BK. 8 OF SUBDIVISIONS AT PG. 29, CALAVERAS COUNTY RECORDS.  
TAKEN AS (N89°53'04"W)

**PUBLIC WORKS**

CALAVERAS COUNTY PUBLIC WORKS DEPARTMENT  
891 MOUNTAIN RANCH ROAD  
CONTACT: ROBERT J. PACHINGER  
PHONE: (209)754-6401

**EARTHWORKS**

CUT:	116,182	CY
FILL:	105,242	CY
NET CUT:	10,940	CY

**WDID: 5S05C399129**

CONSTRUCTION START DATE:	08/15/2023
FINAL STABILIZATION DATE:	08/15/2026
AREA OF DISTURBANCE (AC):	33.4
VOL. OF CUT (CY):	116,182
VOL. OF FILL (CY):	105,242
POST CONST. STORMWATER BMP's? (Y/N):	Y

**WATER/WASTERWATER RECORD DRAWING CERTIFICATE**

THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME REFLECT ALL APPROVED REVISIONS TO THE WATER/WASTERWATER IMPROVEMENTS PLANS KNOWN TO ME, AND ALL FIELD DEVIATIONS TO THE PLANNED IMPROVEMENTS BY THE CONSTRUCTION CONTRACTOR, AS REPORTED TO ME AS OF \_\_\_\_\_, IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME.

REGISTERED ENGINEER \_\_\_\_\_ RCE NO. \_\_\_\_\_ DATE \_\_\_\_\_

**IMPROVEMENT PLANS FOR NORTH VISTA PLAZA**

VALLEY SPRINGS, CALIFORNIA



**SHEET INDEX**

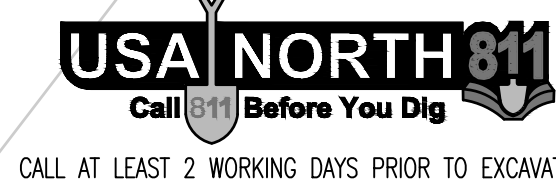
SHEET NO	DESCRIPTION
C1	COVER SHEET
C2	NOTES
C3	GRADING DETAILS & TYPICAL SECTIONS
C4	GRADING DETAILS
C5	EXISTING CONDITIONS
C6	DEMOLITION PLAN
C7	GRADING PLAN NORTH
C8	GRADING PLAN EAST
C9	GRADING PLAN WEST
C10	GRADING PLAN SOUTH
C11	ROAD GRADING PLAN
C12	ROAD GRADING PLAN
C13	OVERALL WALL PLAN
C14	RETAINING WALL PROFILES
C15	RETAINING WALL PROFILES
C16	OVERALL UTILITY PLAN
C17	PLAN & PROFILE A-ST
C18	PLAN & PROFILE B-ST
C19	PLAN & PROFILE D-ST & C-ST
C20	PLAN & PROFILE F-ST & I-ST
C21	PLAN & PROFILE E-ST & J-ST
C22	PLAN & PROFILE J-ST & K-ST
C23	PLAN & PROFILE G-CT
C24	PLAN & PROFILE H-ST
C25	PLAN & PROFILE VISTA DEL LAGO
C26	PLAN & PROFILE AUTO COURTS
C27	PLAN & PROFILE AUTO COURTS
C28	PLAN & PROFILE AUTO COURTS
C29	PLAN & PROFILE AUTO COURTS
C30	OFFSITE DRAINAGE
C31	STORM DRAIN PROFILES
C32	BASIN A & B DETAILS
C33	BASIN C & D DETAILS
C34	OUTLET DETAILS
C35	CUL-DE-SAC DETAILS
C36	CUL-DE-SAC & CURB RETURN DETAILS
C37	CURB RETURN DETAILS
C38	CURB RETURN DETAILS
C39	SIGNAGE & STRIPING PLAN
C40	EROSION CONTROL PLAN
C41	EROSION CONTROL PLAN
C42	EROSION CONTROL DETAILS
S0.1	PROTO-II RETAINING WALL DETAILS

**CALAVERAS COUNTY PUBLIC WORKS**  
THESE PLANS HAVE BEEN REVIEWED AND FOUND IN SUBSTANTIAL CONFORMANCE WITH THE CALAVERAS COUNTY STANDARDS. NO OTHER WARRANTIES ARE EXPRESSED OR IMPLIED.

DEPUTY DIRECTOR OF PUBLIC WORKS \_\_\_\_\_ DATE \_\_\_\_\_

**RELEASED FOR CONSTRUCTION OF WATER IMPROVEMENTS CALAVERAS COUNTY WATER DISTRICT**

ACTING DISTRICT ENGINEER, RCE # \_\_\_\_\_ EXP \_\_\_\_/\_\_\_\_/\_\_\_\_ DATE \_\_\_\_\_



LGI HOMES - CALIFORNIA, LLC

**NORTH VISTA PLAZA COVER SHEET**

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C1
OF 43 SHEETS	

**RICK ENGINEERING COMPANY**  
2525 EAST BIDWELL STREET  
FOLSOM, CA 95630  
916.638.8200  
rickengineering.com  
San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver



PREPARED UNDER THE DIRECTIONS OF:  
M. SCOTT LILLIBRIDGE, P.E.  
RCE 52504

**PRELIMINARY NOT FOR CONSTRUCTION**  
DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): 1" = 100'  
(V): N/A

RICK ENGINEERING COMPANY NOTES

- 1. NEITHER THE OWNER, NOR THE ENGINEERING OF WORK, WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
2. CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON ACCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL GRADING IS DONE AND STORM DRAINS BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE BEGINNING WORK. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM THEIR OPERATIONS BY APPROPRIATE MEANS (GRAVEL BAGS, HAY BALES, TEMPORARY DESILTING BASINS, DIKES, SHORING, ETC.) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FROM MAINTENANCE BY WHATEVER OWNER, AGENCY OR ASSOCIATIONS IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE.
4. CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF ANY REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATIONS OF EXISTING FACILITIES.
5. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
6. BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE UTILITY COMPANY.
7. ANY QUESTION RAISED RELATIVE TO THE ACCURACY OF IMPROVEMENT INSTALLATION SHALL NOT BE RAISED SUBSEQUENT TO COMPLETION OF THE WORK UNLESS ALL SURVEY STAKES ARE MAINTAINED INTACT. SHOULD SUCH STAKES NOT BE PRESENT AND VERIFIED AS TO THEIR ORIGIN, NO CLAIM FOR ADDITIONAL COMPENSATION FOR CORRECTION SHALL BE PRESENTED TO ANY PARTY AND SUCH WORK SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR EXPENSE.
8. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES AND REGULATIONS AS SET FORTH BY FED AD CAL OSHA.
9. WHERE TRENCHES ARE WITHIN EASEMENTS OR WITHIN 10' OF ANY BUILDING, A SOILS REPORT SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED GEOTECHNICAL ENGINEER WHICH INDICATES THAT THE TRENCH BACKFILL WAS COMPACTED UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER AND IN ACCORDANCE WITH THE ABOVE NAMED SPECIFICATIONS.
10. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND AT THE EXPENSE OF THE CONTRACTOR.
11. CUT AND FILL SLOPES SHALL BE TRIMMED TO THE FINISH GRADE TO PRODUCE A SMOOTH SURFACE AND UNIFORM CROSS SECTION. THE SLOPE OF THE EXCAVATIONS OR EMBANKMENTS SHALL BE SHAPED AND TRIMMED AS SHOWN ON THE PLANS AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS OR OTHER WASTE MATTER EXPOSED ON EXCAVATION OR EMBANKMENT SLOPES SHALL BE REMOVED AND DISPOSED OF OFF SITE IN A LEGAL MANNER BY THE CONTRACTOR.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND PIPELINES, TELEPHONE AND ELECTRIC CONDUITS AND STRUCTURES IN ADVANCE OF ANY CONSTRUCTION AND TO OBSERVE ALL POSSIBLE PRECAUTIONS TO AVOID ANY DAMAGE TO SUCH. THE ENGINEER AND/OR OWNER WILL NOT GUARANTEE ANY LOCATIONS AS SHOWN ON THESE PLANS OR THOSE OMITTED FROM SAME.
13. CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING THE GRADING OPERATIONS.
14. ALL FRAMES, COVERS, VALVE BOXES AND MANHOLES SHALL BE ADJUSTED TO FINISHED GRADE UPON COMPLETION OF PAVING OR RELATED CONSTRUCTION.
15. THE SOILS REPORT PREPARED BY WALLACE-KUHL & ASSOCIATES, TITLED "GEOTECHNICAL ENGINEERING REPORT, NORTH VISTA PLAZA SUBDIVISION", DATED 5/7/2021, AND ALL ADDENDA THERETO, SHALL BE CONSIDERED AS PART OF THESE GRADING PLANS. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN SAID REPORT.
16. ALL GRADING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER. ALL AREAS TO BE FILLED SHALL BE PREPARED TO BE FILLED AND ALL FILL SHALL BE PLACED IN ACCORDANCE WITH THE RECOMMENDED GRADING SPECIFICATIONS AND SPECIAL PROVISIONS ATTACHED TO THE SOILS REPORT FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT THE FILL IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS.
17. OBSERVATIONS AND COMPACTION TESTS SHALL BE MADE BY THE GEOTECHNICAL ENGINEER DURING THE FILLING AND COMPACTION OPERATIONS SO THAT THEY CAN STATE THEIR OPINION THAT THE FILL WAS CONSTRUCTED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATIONS.
18. IN THE CASE OF CONFLICTS, THE REQUIREMENTS OF THE EARTHWORK SPECIFICATIONS PREPARED FOR THE PROJECT BY THE GEOTECHNICAL ENGINEER SHALL GOVERN THE REQUIREMENTS OF THIS PLAN AND THESE NOTES. PLANS SHALL BE REVISED ACCORDINGLY.
19. GRADING CONTRACTOR IS TO COORDINATE THE GRADING OPERATION WITH UTILITY COMPANIES PERTAINING TO POLE REMOVAL, ADJUSTING WATER BLOWOFFS AND WATER FACILITIES TO GRADE OR ANY OTHER UTILITY ADJUSTMENTS.
20. ALL DIMENSIONS AND CURVE DATE IS TO BACK OF CURB, UNLESS OTHERWISE NOTED.
21. STATIONING TO DI'S IS TO THE MIDDLE OF THE GRATE AT THE BACK OF CURB, UNLESS NOTED OTHERWISE.
22. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREIN AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
23. THE GENERAL CONTRACTOR IS REQUIRED TO KEEP AND MAINTAIN A SIGNED SET OF THESE PLANS ON SITE AT ALL TIMES FOR THE USE OF THE ENGINEER OF WORK, GEOTECHNICAL ENGINEER AND THE AGENCY INSPECTORS. THE GENERAL CONTRACTOR SUPERINTENDENT IS REQUIRED TO UPDATE SAID PLANS WITH AS-BUILT INFORMATION ON A DAILY BASIS AS WORK PROGRESSES. SAID AS-BUILT INFORMATION SHALL BE GIVEN TO THE ENGINEER OF WORK AT THE COMPLETION OF THE PROJECT AND CERTIFIED BY THE SUPERINTENDENT AS ACCURATE AND COMPLETE.
24. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROPERLY GRADE ALL SURFACES TO PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING OF WATER. THE CONTRACTOR SHALL CONTROL SURFACE WATER TO AVOID DAMAGE TO ADJOINING PROPERTIES OR TO FINISHED WORK ON THE SITE. THE CONTRACTOR SHALL TAKE REMEDIAL MEASURES TO PREVENT EROSION OF FRESHLY GRADED AREAS AND UNTIL SUCH TIME AS PERMANENT DRAINAGE AND EROSION CONTROL MEASURES HAVE BEEN INSTALLED.

CALAVERAS COUNTY GENERAL NOTES

- 1. ROAD CONSTRUCTION AND COMPACTION TESTING IS TO BE IN CONFORMANCE WITH CALAVERAS COUNTY STANDARDS AND SPECIFICATIONS. GRADING IS TO COMPLY WITH COUNTY CODE CHAPTER 12.02 AND APPENDIX CHAPTER 33 OF THE CALIFORNIA BUILDING CODE AND WITH RECOMMENDATIONS MADE BY THE SOILS ENGINEER.
2. THE CONTRACTOR IS TO ARRANGE A PRE-CONSTRUCTION MEETING PRIOR TO THE START OF CONSTRUCTION. WORK IS TO BE PERFORMED DURING DAYLIGHT HOURS, MONDAY THROUGH FRIDAY (EXCLUDING HOLIDAYS). CONTACT PUBLIC WORKS 48 HOURS IN ADVANCE OF ANY WORK. (209) 754-6401.
3. A COPY OF AN APPROVED SET OF PLANS IS TO BE ONSITE DURING CONSTRUCTION.
4. CONSTRUCTION STAKING IS TO BE IN PLACE PRIOR TO BEGINNING OF CONSTRUCTION AND IS TO BE MAINTAINED OR REPLACED AS NEEDED FOR CONSTRUCTION PURPOSES. MINIMUM CONSTRUCTION STAKING INCLUDES THE BC, EC, BVC, PVI AND EVC OF ALL CURVES AND A 50 FOOT INTERVALS. FIELD LOCATE AND DELINEATE EASEMENTS AND RIGHT OF WAYS.
5. THE QUANTITY OF FILL REQUIRED IS 91,768 CUBIC YARDS. THE QUANTITY OF CUT REQUIRED IS 124,425 CUBIC YARDS. FILLS ARE NOT TO BE PLACED UNTIL APPROVAL HAS BEEN OBTAINED BY THE COUNTY ENGINEER. MAXIMUM FILL SLOPES TO BE 2:1. MAXIMUM CUT SLOPES TO BE 2:1 OR FLATTER, UNLESS OTHERWISE SHOWN ON PLANS OR AS RECOMMENDED BY GEOTECH ENGINEER.
6. CONTACT UNDERGROUND SERVICE ALERT (USA) 48 HOURS PRIOR TO EXCAVATION. (800) 642-2444.
7. SURVEY MONUMENTS DISTURBED DURING CONSTRUCTION ARE TO BE RE-ESTABLISHED.
8. CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL MANUAL.
9. CONTRACTOR IS RESPONSIBLE FOR THE CONDITION OF THE SITE AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
10. OWNER IS TO OBTAIN ALL REQUIRED FEDERAL AND STATE PERMITS, AS APPLICABLE, INCLUDING BUT NOT LIMITED TO CALTRANS, CORPS OF ENGINEERS 401 PERMIT, FISH AND GAME 1603 PERMIT, AND NPDES PERMIT FOR CONSTRUCTION ACTIVITY. CONTRACTOR TO OBTAIN AN ENCROACHMENT PERMIT PRIOR TO THE COMMENCEMENT OF ANY WORK WITHIN THE COUNTY RIGHT OF WAY. THE WID NUMBER FOR THIS PROJECT IS 5505399129. THE SWPPP WILL BE PREPARED BY BRYAN ENVIRONMENTAL COMPANY INC.
11. CALAVERAS COUNTY, CCWD, THEIR OFFICERS, EMPLOYEES, THEIR CONSULTANTS, ETC. SHALL BE HELD HARMLESS FOR ANY ACTIONS OF THE CONTRACTOR, EXCEPT FOR THOSE ACTIONS CAUSED BY THEIR OWN ACTIONS.
12. THE CONTRACTOR SHALL KEEP ADJOINING PUBLIC STREET FREE OF PROJECT DIRT, MUD, MATERIALS AND DEBRIS DURING THE CONSTRUCTION PERIOD. IF ANY EXISTING STREETS ARE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR/DEVELOPER SHALL BE SOLELY RESPONSIBLE FOR THE STREET REPAIR.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF SIGNIFICANT EROSION AND SILTRATION ENTERING THE STORM DRAIN SYSTEM, NATURAL DRAINAGE COURSES, AND/OR INTRUDING UPON ADJACENT ROADWAYS AND PROPERTIES. WINTERIZATION AND EROSION CONTROL SHOWN ON THESE PLANS IS INTENDED AS A GUIDE. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER. THIS RESPONSIBILITY SHALL APPLY THROUGHOUT THE COURSE OF CONSTRUCTION AND UNTIL ALL DISTURBED AREAS HAVE BECOME STABILIZED AND SHALL NOT BE LIMITED TO WET WEATHER PERIODS.
14. THE COUNTY MAY REQUIRE THE CONTRACTORS TO UNCOVER AND IMPROVEMENTS THAT HAVE BEEN COMPLETED WITHOUT PROPER COUNTY INSPECTION AND/OR APPROVAL. IF THE INSTALLATION IS FOUND TO NOT MEET COUNTY STANDARDS OR PREVIOUSLY APPROVED ALTERNATIVES SHOWN ON THE PLANS, THE CONTRACTOR MAY BE REQUIRED TO REMOVE AND REPLACE SUCH IMPROVEMENTS AT HIS EXPENSE.

CALAVERAS COUNTY WATER DISTRICT (CCWD) GENERAL NOTES

- 1. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PLANS, NOTES, DETAILS, AND PROVISIONS AS SPECIFIED HEREON AND IN ACCORDANCE WITH THE LATEST VERSION OF THE CALAVERAS COUNTY WATER DISTRICT STANDARD SPECIFICATIONS. ALL REQUIREMENTS, STANDARDS, AND SPECIFICATIONS OF ALL AGENCIES HAVING JURISDICTION OVER THE WORK SHALL BE DONE TO THE SATISFACTION OF ALL OF THE INVOLVED AGENCIES.
2. OWNER WILL PERFORM ALL VIDEO INSPECTIONS OF SEWER SYSTEM UNDER DIRECTION OF AND OBSERVATION BY CCWD.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND FACILITIES AFFECTED BY THE WORK AND SHALL CONTACT UNDERGROUND SERVICES ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION WORK FOR IDENTIFICATION AND LOCATION OF UNDERGROUND UTILITIES. (PHONE: 1-800-642-2444)
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL FACILITIES PRIOR TO ANY EXCAVATION.
5. WHERE DEPTH OF EXCAVATIONS INTO WHICH WORKERS DESCEND IS 5 FEET OR DEEPER, CONTRACTOR REQUIRED TO OBTAIN EXCAVATION PERMIT FROM NEAREST CAL/OSHA OFFICE & PROVIDE COPY TO THE OWNER AND CCWD PRIOR TO CONSTRUCTION AND SHALL HAVE COPY ONSITE WHILE WORKING.
6. AT AREAS ABOVE 2,500 FEET ELEVATION, ALL CASTING AND CONCRETE COLLARS IN THE ROADWAY SHALL BE DEPRESSED 1/4 INCH FOR SNOWPLOWING.
7. CONNECTIONS TO EXISTING WATER OR SEWER FACILITIES SHALL HAVE PRIOR APPROVAL AND BE DONE IN ACCORDANCE WITH CCWD TIE-IN PROCEDURES, PLANS AND SPECIFICATIONS.
8. THE CONTRACTOR SHALL HAVE A COPY OF CCWD APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS ON SITE. SPECIFICATIONS, SPECIFIC NOTES, AND DETAIL DRAWINGS THEREON AND IN THE GEOTECHNICAL REPORT TAKE PRECEDENCE OVER GENERAL DRAWINGS AND PLANS UNLESS OTHERWISE DIRECTED BY THE DISTRICT ENGINEER. ANY DEVIATION FROM APPROVED PLANS DURING CONSTRUCTION WILL REQUIRE PRIOR WRITTEN NOTICE TO CCWD, OTHER APPROPRIATE PUBLIC AGENCIES, AND SHALL RECEIVE APPROVAL BY CCWD.
9. ONLY CCWD PERSONNEL SHALL OPERATE EXISTING FACILITIES.
10. THE HIGHEST REQUIRED FIRE FLOW IS 1000 GPM AT 20 PSIG RESIDUAL.
11. BASED UPON STATIC CONDITIONS AND A HYDRAULIC GRADE LINE OF 812.50 FEET, THE MAXIMUM AND MINIMUM PRESSURES ARE CALCULATED TO BE 99.8 PSI (LOT #37) AND 85.5 PSI (LOT #129), RESPECTIVELY.
12. PIPELINES SHALL BE DISINFECTED, TESTED, AND INSTALLED IN ACCORDANCE WITH CCWD'S STANDARDS.
13. SERVICE INSTALLATIONS IN ROADWAYS WITH CUTS OR FILLS GREATER THAN 6 FEET IN HEIGHT AND SLOPES STEEPER THAN 3:1 ARE REFERENCED UNDER CCWD STANDARD DETAIL W07D.
14. LIDS FOR WATER FACILITIES SHALL BE MARKED "WATER" AND LIDS FOR SEWER FACILITIES SHALL BE MARKED "SEWER"
15. CURBS SHALL BE MARKED WITH A "W" BRAND WHERE WATER SERVICES INTERCEPT AND AN "S" BRAND WHERE SEWER SERVICES INTERCEPT.
16. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
17. NO SERVICES SHALL BE INSTALLED IN DRIVEWAYS.
18. OWNER WILL PERFORM ALL FIELD COMPACTION TESTS FOR BACKFILL OF WATER AND SEWER TRENCHES AND EXCAVATIONS. OWNER WILL PROMPTLY REPORT TEST RESULTS TO CCWD AND EMAIL COPIES OF ALL REPORTS TO CCWD.

CALAVERAS COUNTY GRADING NOTES

- 1. CONTRACTOR SHALL COMPLY WITH AL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS INCLUDING THOSE CONTAINED IN CALAVERAS COUNTY CODE CHAPTERS 8.10, 12.02, 13.01 AND 15.05.
2. A COPY OF THE APPROVED PLAN MUST BE AVAILABLE ON-SITE AT ALL TIMES.
3. CONTRACTOR SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS (209-754-6401) AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR AN ON-SITE PRE-CONSTRUCTION MEETING.
4. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT 800-227-2600 FOR UTILITY LOCATION BEFORE EXCAVATION WORK.
5. TO ALLOW FOR INSPECTION, ALL WORK IS TO BE PERFORMED DURING DAYLIGHT HOURS ONLY, MONDAY THROUGH FRIDAY, EXCLUDING COUNTY HOLIDAYS AND SATURDAYS WITH PRIOR APPROVAL BY THE COUNTY.
6. CUT SLOPES SHALL BE NO STEEPER THAN 2:1 (HORIZONTAL TO VERTICAL); FILL SLOPES SHALL BE NO STEEPER THAN 2:1 (HORIZONTAL TO VERTICAL). A GEOTECHNICAL REPORT MUST BE SUBMITTED FOR CUT AND FILL SLOPES IN EXCESS OF 2:1.
7. ESTIMATED QUANTITY OF CUT MATERIAL IS 116,182 CUBIC YARDS.
8. ESTIMATED QUANTITY OF FILL MATERIAL IS 105,242 CUBIC YARDS.
9. EXCESS CUT MATERIALS TO BE DISPOSED OF AT A LOCATION APPROVED BY THE OWNER (ONSITE ONLY).
10. FILL MATERIALS SHALL BE COMPACTED TO A RELATIVE COMPACTION OF NOT LESS THAN 95% UNDER PAVED AREAS, AND 90% UNDER ALL OTHER FILL AREAS. TEST RESULTS A DESCRIPTION OF THE TEST METHOD USED SUBMITTED BY A LICENSED CIVIL ENGINEER ARE REQUIRED AS EVIDENCE OF COMPLIANCE.
11. CONTRACTOR IS TO IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) TO CONTROL EROSION AND REDUCE OFF-SITE DISCHARGE OF SEDIMENT TO THE MAXIMUM EXTENT PRACTICABLE.
12. EROSION CONTROL BMPs SHALL BE IN PLACE AND MAINTAINED ALL YEAR ROUND.
13. CONTRACTOR SHALL KEEP ADJOINING PUBLIC STREETS FREE OF DIRT, MUD, AND OTHER PROJECT RELATED DEBRIS THROUGHOUT CONSTRUCTION. ANY DAMAGE TO PUBLIC STREETS OR ROADWAYS SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE COUNTY.
14. DUST GENERATION MUST BE MINIMIZED AND A WATER TRUCK MUST BE AVAILABLE ON-SITE FOR ADEQUATE DUST CONTROL.
15. AN ENCROACHMENT PERMIT IS REQUIRED BEFORE DOING ANY WORK IN THE COUNTY RIGHT-OF-WAY.
16. CONTRACTOR SHALL PROVIDE APPROPRIATE MEASURES FOR TRAFFIC CONTROL AND PUBLIC PROTECTION IN ACCORDANCE WITH THE COUNTY CODE AND THE CALIFORNIA MANUAL ON TRAFFIC CONTROL DEVICES (MUTCD).
17. SURVEY MONUMENTS SHALL BE RE-ESTABLISHED BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE IF DISTURBED DURING CONSTRUCTION.
18. CONSTRUCTION STAKING IS TO BE IN PLACE PRIOR TO BEGINNING OF CONSTRUCTION AND IS TO BE MAINTAINED OR REPLACED AS NEEDED FOR CONSTRUCTION PURPOSES. MINIMUM CONSTRUCTION STAKING FOR ROADWAYS INCLUDES THE BC, EC, BVC, PVI, AND EVC OF ALL CURVES AND AT 50-FOOT INTERVALS. FIELD LOCATE AND DELINEATE EASEMENTS, RIGHTS-OF-WAY, AND PROPERTY LINES.
19. ALL REQUIRED LOCAL, STATE, AND FEDERAL PERMITS SHALL BE OBTAINED PRIOR TO CONSTRUCTION AND COPIES OF ALL SUCH PERMITS SHALL BE AVAILABLE ON-SITE.
20. IF MORE THAN ONE ACRE OF GROUND IS DISTURBED, THE CONTRACTOR MUST APPLY TO THE CENTRAL VALLEY REGIONAL WATER QUALITY BOARD FOR COVERAGE UNDER THE STATE'S "STORM WATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES" AND COMPLY WITH ALL ASSOCIATED PERMIT REQUIREMENTS.

Table with 4 columns: REV, DATE, DESCRIPTION, APP'D

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DESIGNED BY: RICK
DRAWN BY: RICK
REVIEWED BY: RICK
SCALE (H): N/A
(V): N/A

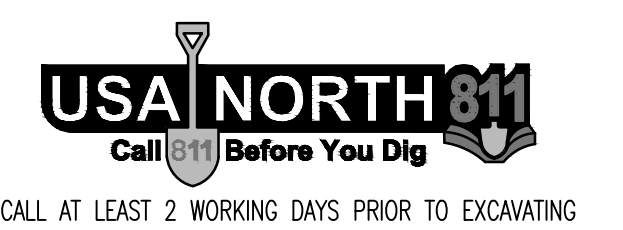


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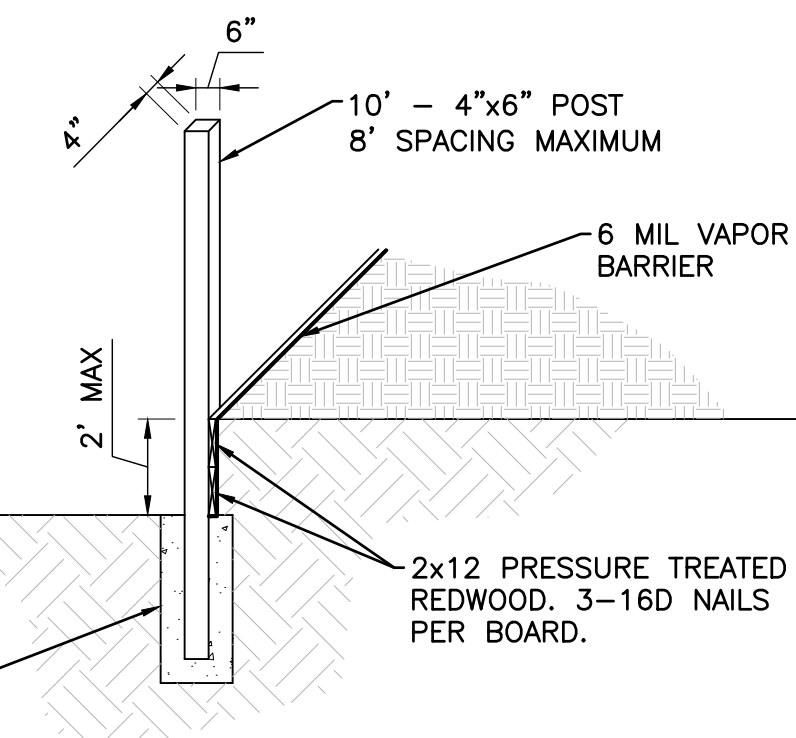
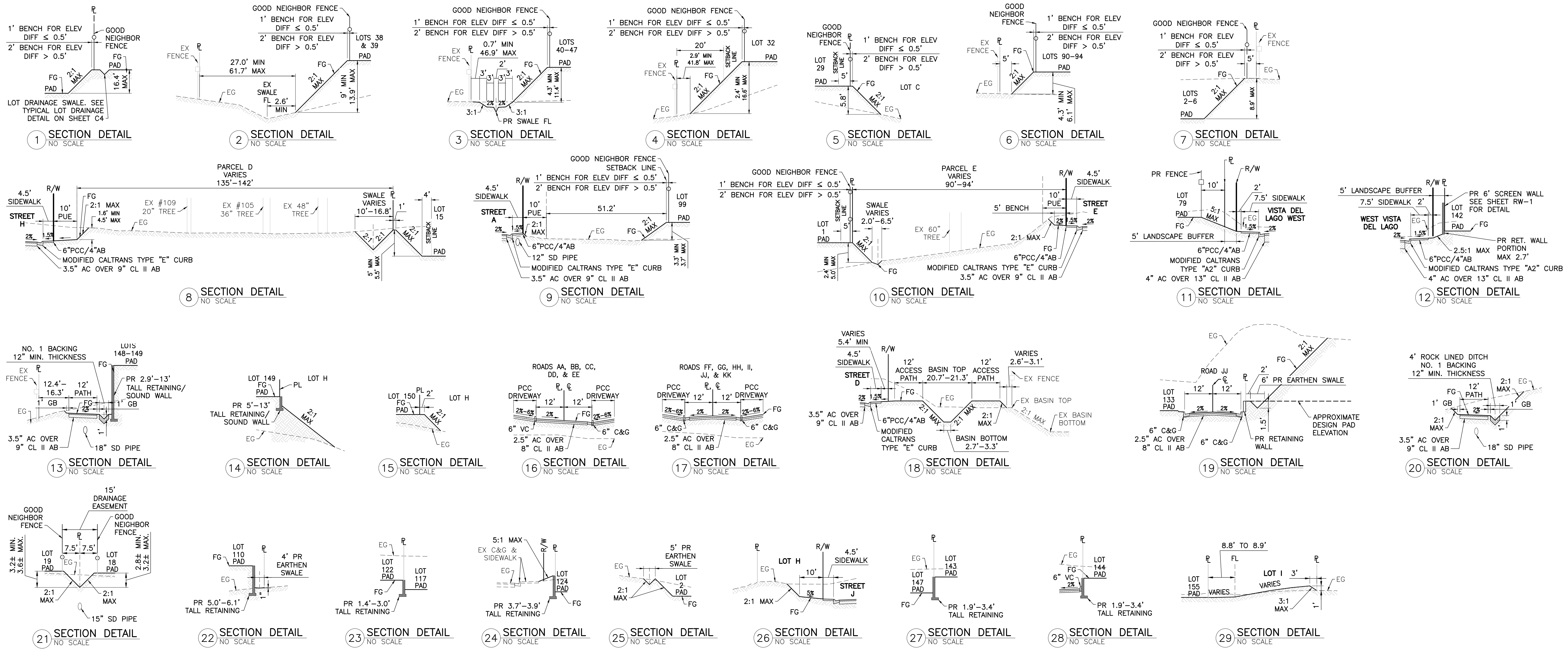
RICK ENGINEERING COMPANY
2525 EAST BIDWELL STREET
FOLSOM, CA 95630
916.638.8200
rickengineering.com
San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver

LGI HOMES - CALIFORNIA, LLC
NORTH VISTA PLAZA
NOTES
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE 12/03/2022
JOB NUMBER 19361
SHEET NUMBER C2
OF 43 SHEETS



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING



REV	DATE	DESCRIPTION	APP'D

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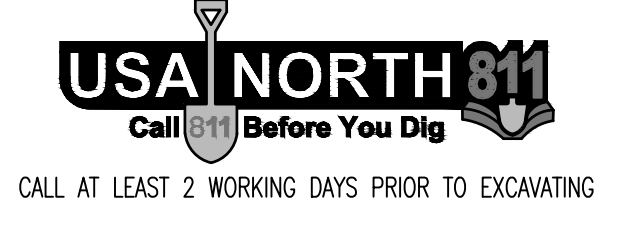
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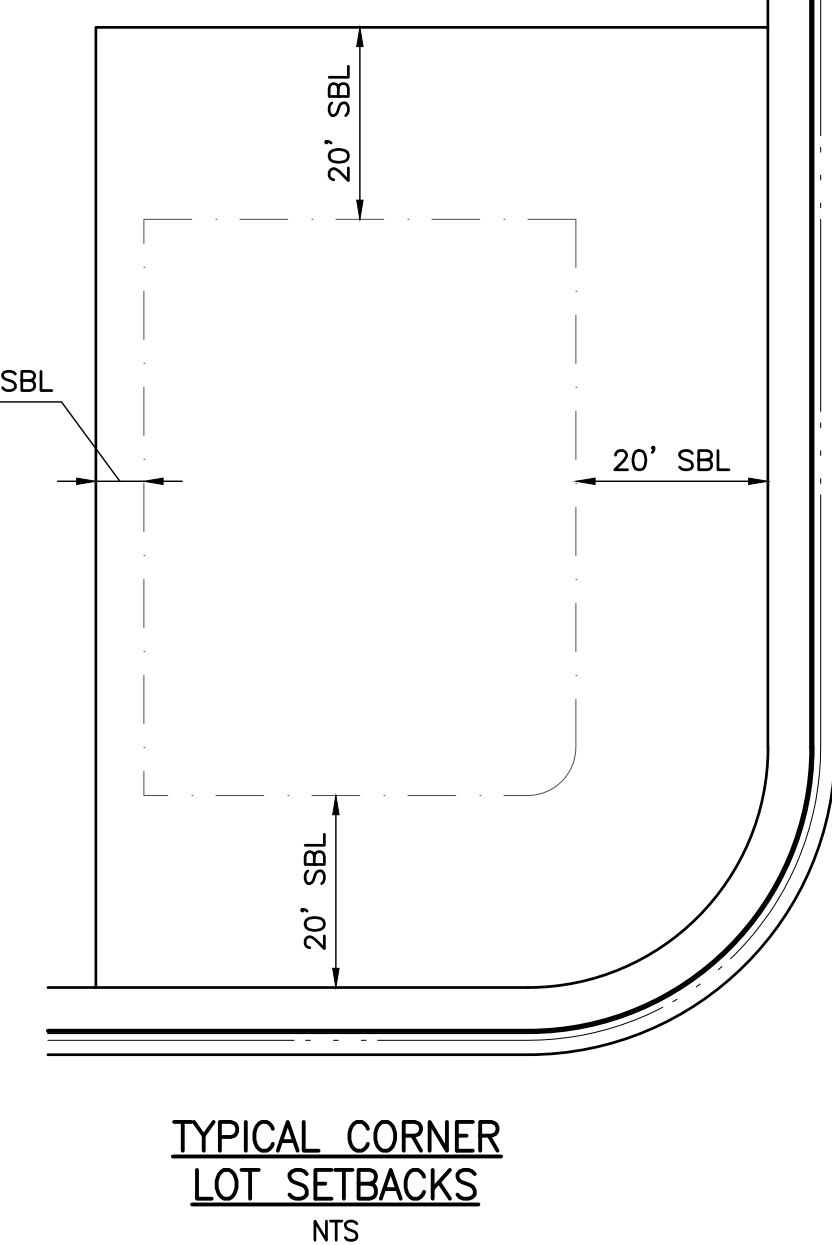
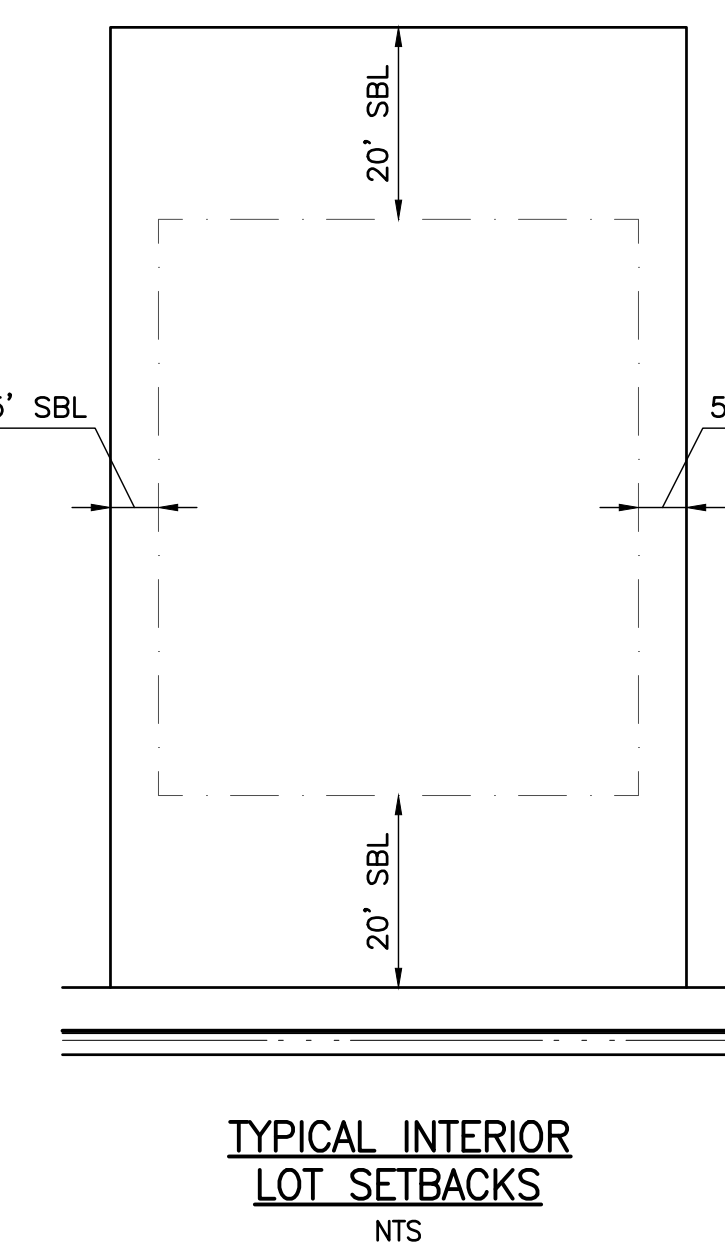
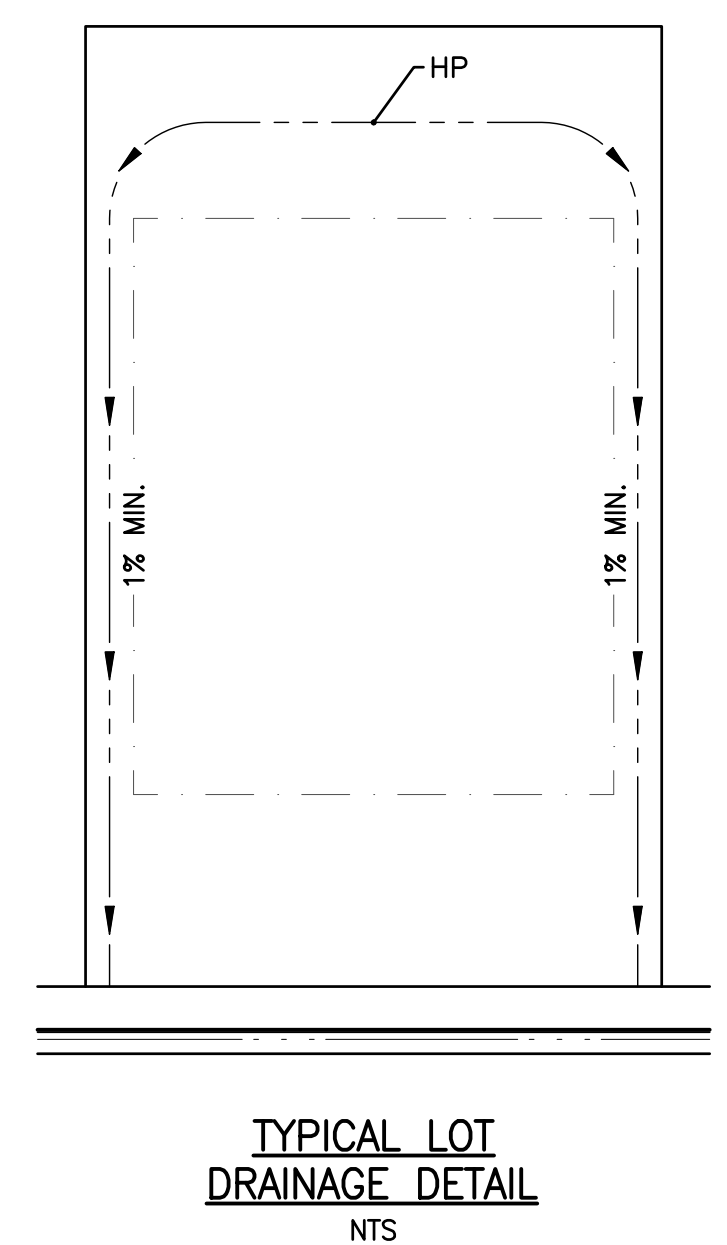
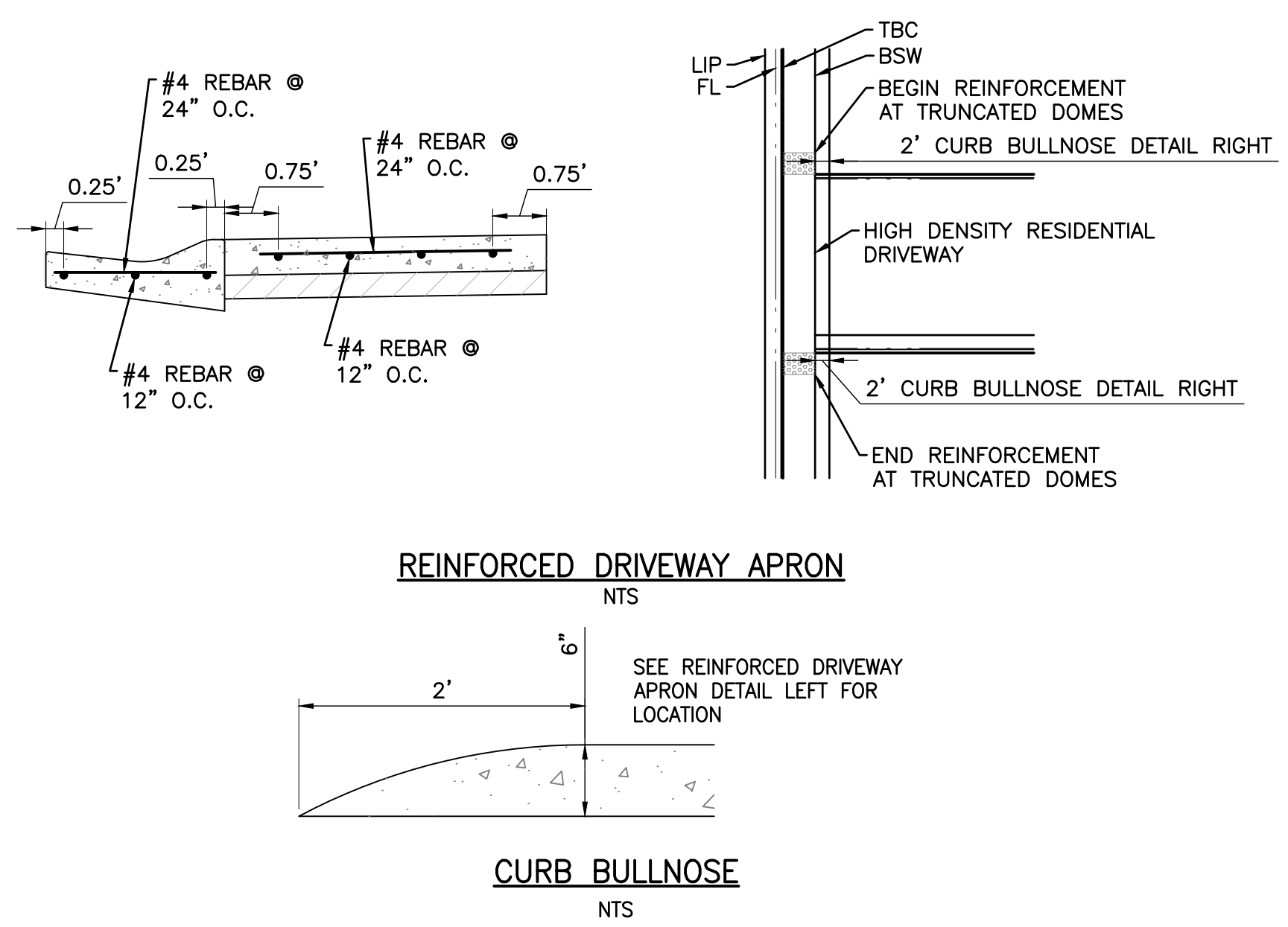
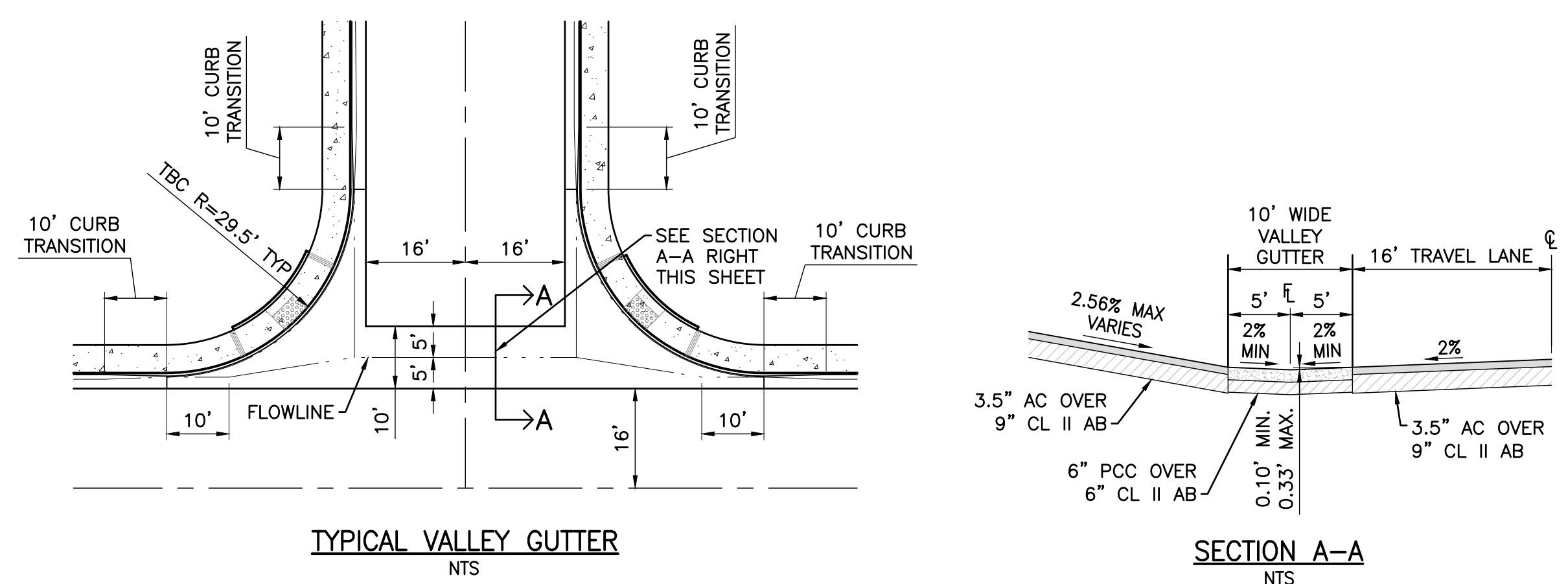
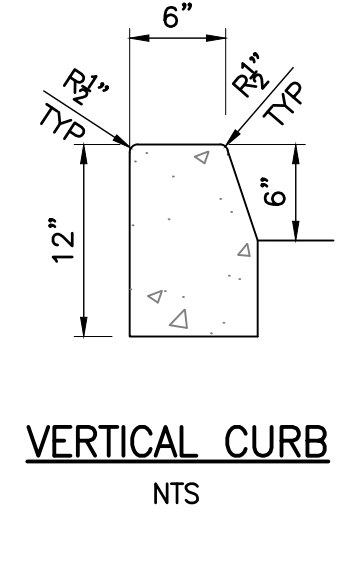
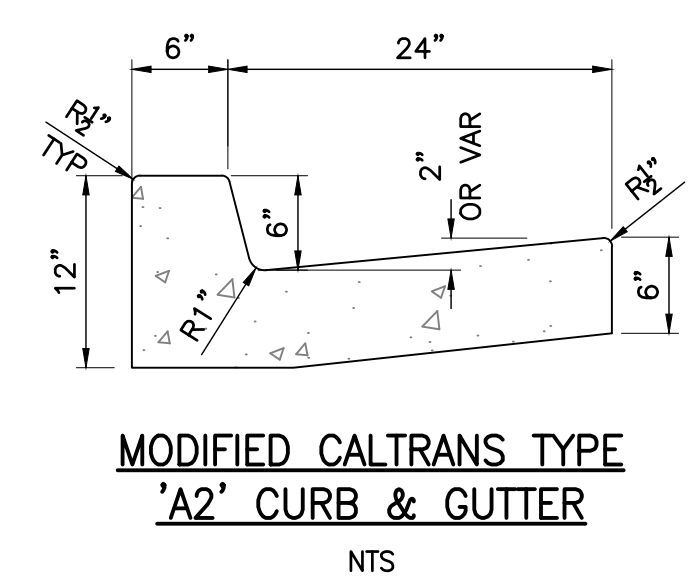
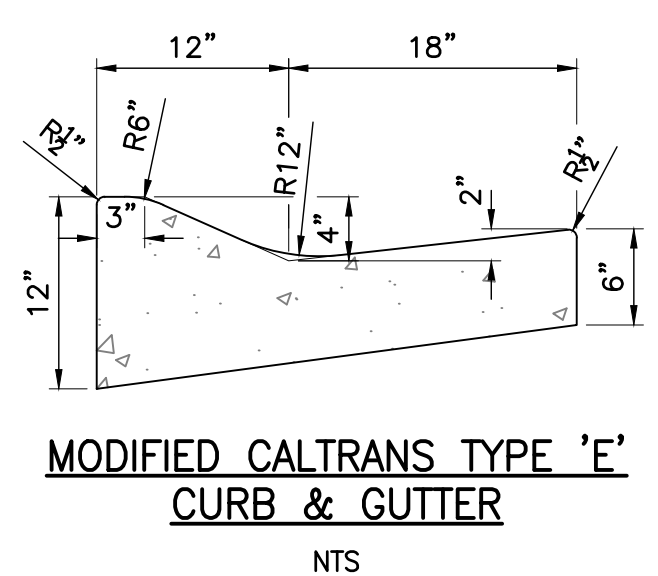
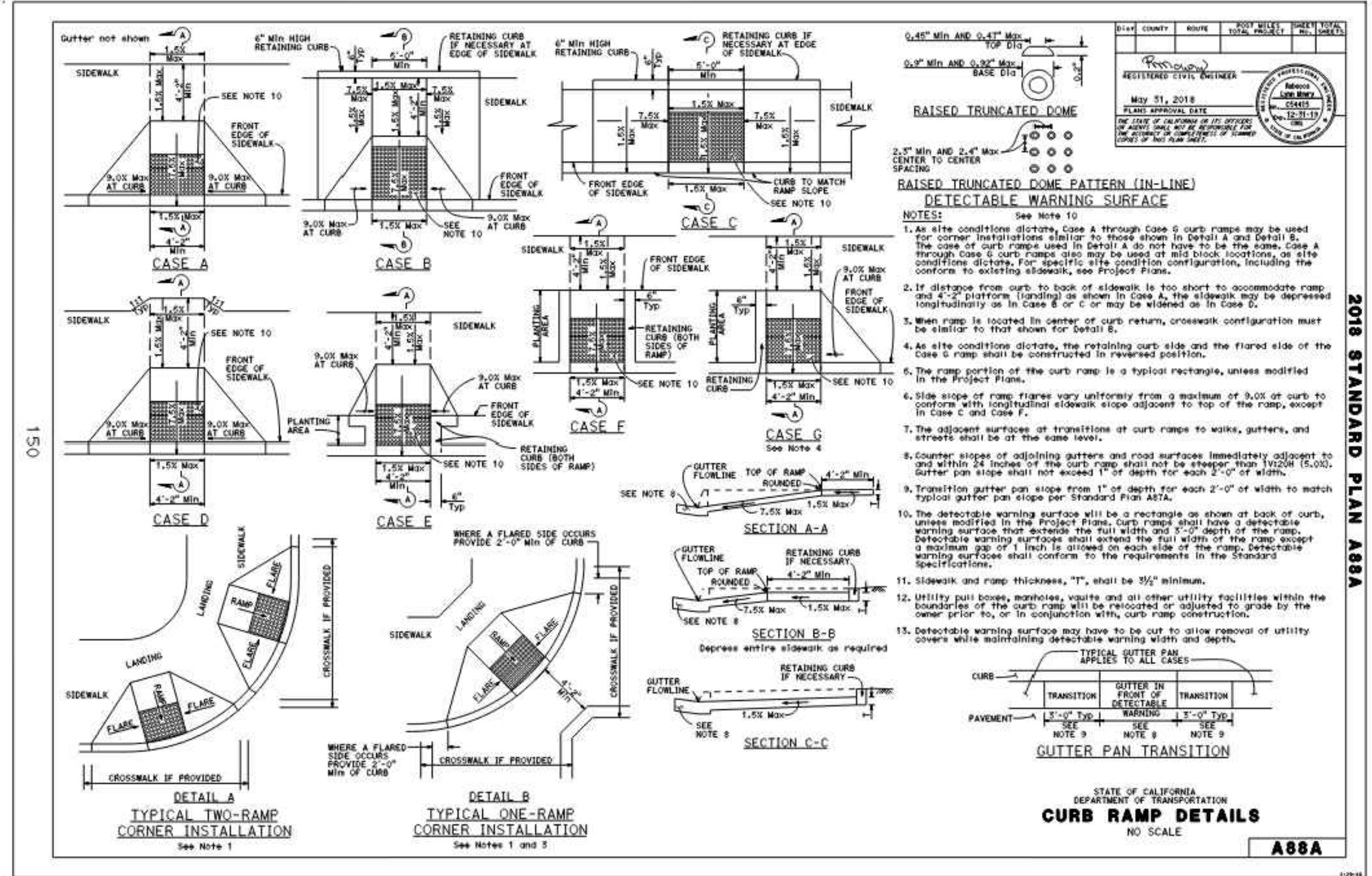
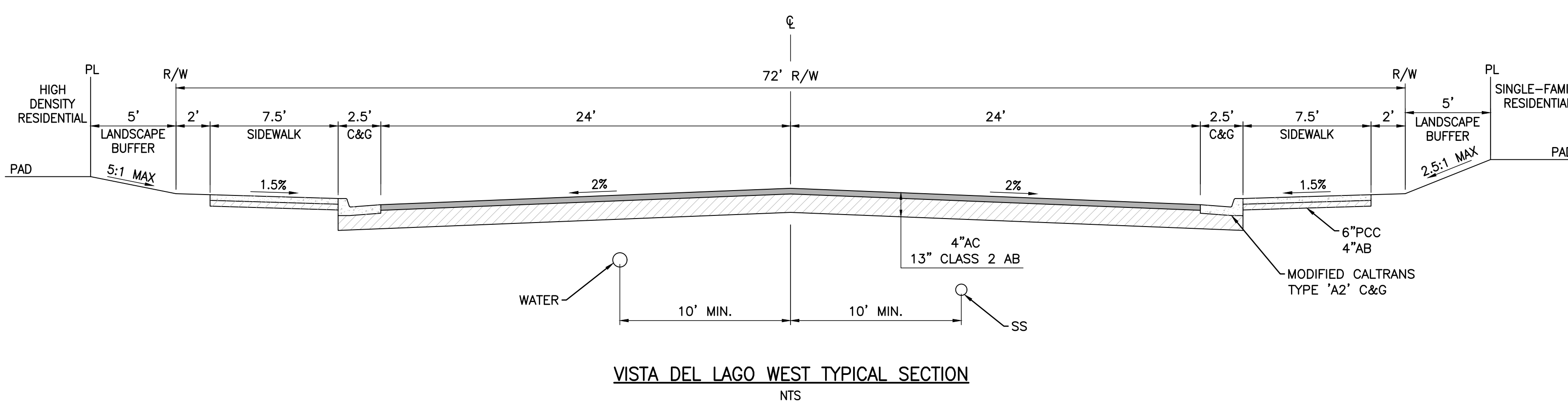
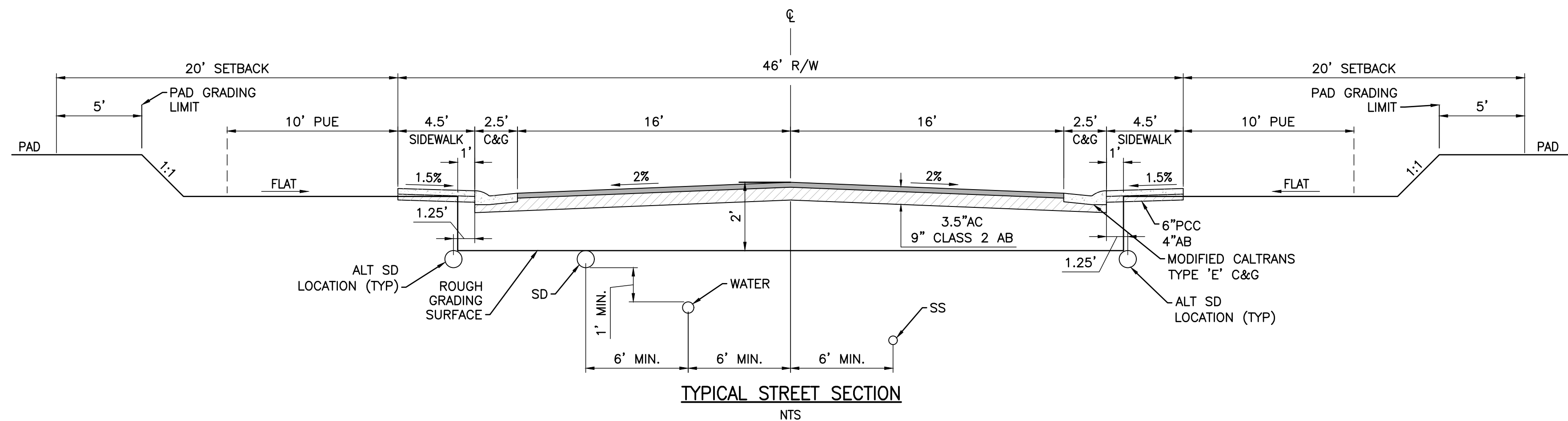
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 RCE 52504

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com  
 San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver

LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**GRADING DETAILS & TYPICAL SECTIONS**  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C3
OF 43 SHEETS	





REV	DATE	DESCRIPTION	APP'D

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DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): N/A  
 SCALE (V): N/A



PREPARED UNDER THE DIRECTIONS OF:

M. SCOTT LILLIBRIDGE, P.E. DATE RCE 52504

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com  
 San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver

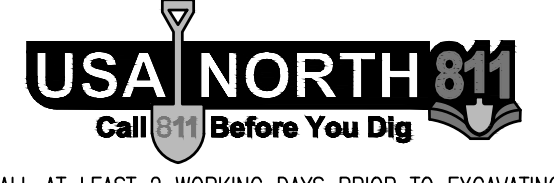
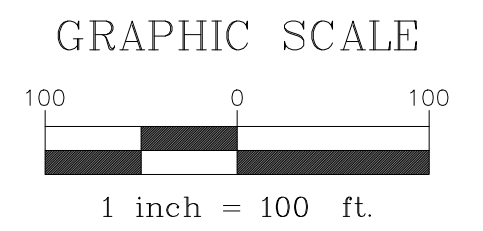
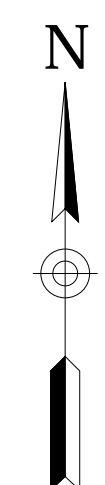
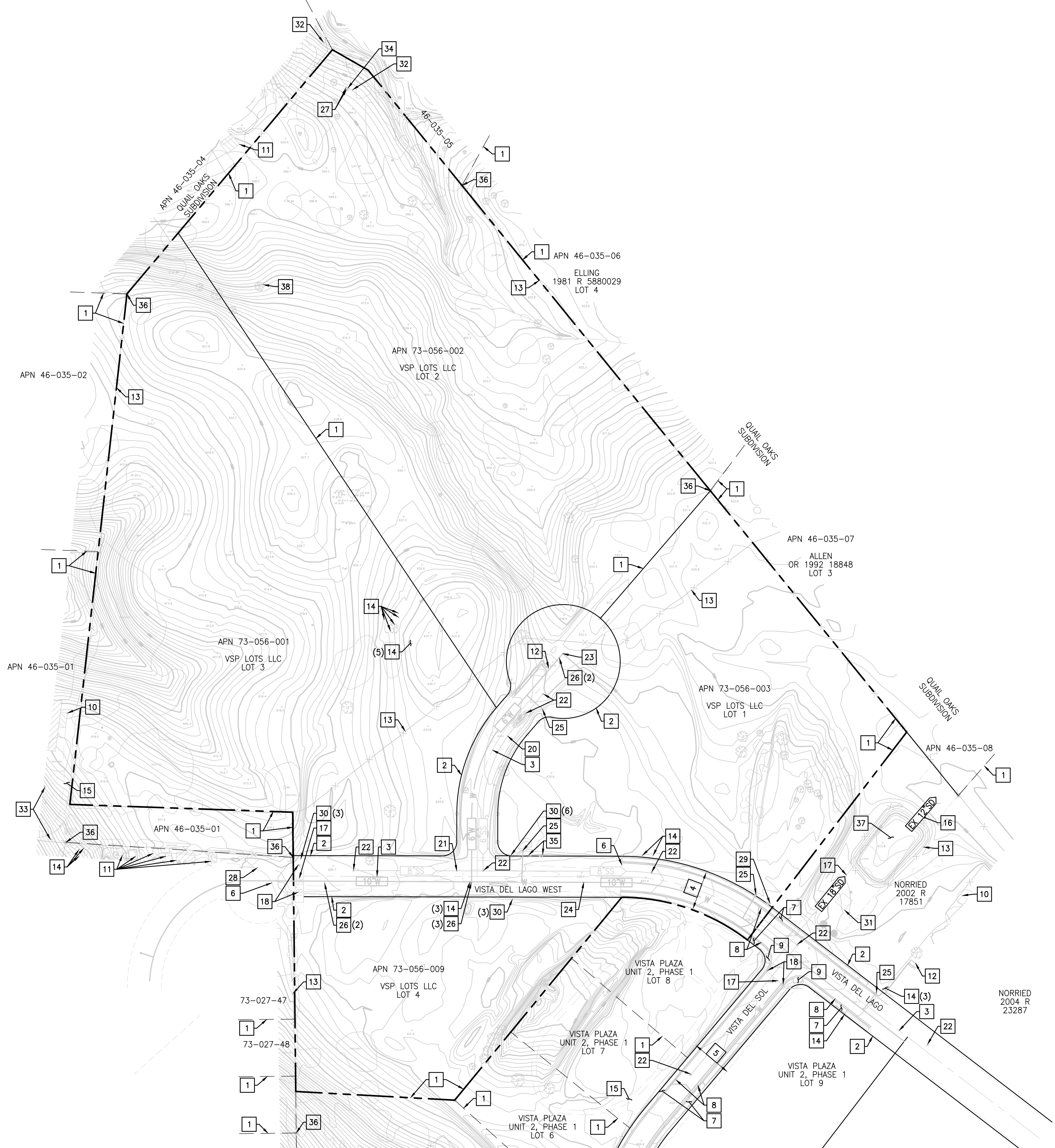
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 NORTH VISTA PLAZA  
**GRADING DETAILS**

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
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SHEET NUMBER	C4
OF 43 SHEETS	

**EXISTING CONDITIONS NOTES**

- 1 EXISTING PROPERTY LINE.
- 2 EXISTING RIGHT-OF-WAY.
- 3 EXISTING CENTERLINE.
- 4 EXISTING 66' EASEMENT.
- 5 EXISTING 70' EASEMENT.
- 6 EXISTING EDGE OF PAVEMENT.
- 7 EXISTING SIDEWALK.
- 8 EXISTING CURB & GUTTER.
- 9 EXISTING RAMP.
- 10 EXISTING BUILDING.
- 11 EXISTING SHED.
- 12 EXISTING WALL.
- 13 EXISTING FENCE.
- 14 EXISTING POST.
- 15 EXISTING TRAIL.
- 16 EXISTING 12" STORM DRAIN LINE.
- 17 EXISTING 18" STORM DRAIN LINE.
- 18 EXISTING DRAIN INLET.
- 19 NOT USED.
- 20 EXISTING 6" SANITARY SEWER LINE.
- 21 EXISTING 8" SANITARY SEWER LINE.
- 22 EXISTING SANITARY SEWER MANHOLE.
- 23 EXISTING 6" WATER LINE.
- 24 EXISTING 10" WATER LINE.
- 25 EXISTING FIRE HYDRANT.
- 26 EXISTING WATER VALVE.
- 27 EXISTING WATER WELLS.
- 28 EXISTING GAS STRUCTURE.
- 29 EXISTING ELECTRICAL VAULT.
- 30 EXISTING ELECTRICAL STRUCTURE.
- 31 EXISTING ELECTRICAL BOX.
- 32 EXISTING POWER POLE.
- 33 EXISTING POWER POLE WITH GUY ANCHOR.
- 34 EXISTING TANK.
- 35 EXISTING TELECOMMUNICATIONS VAULT.
- 36 EXISTING MONUMENT.
- 37 EXISTING STORMWATER BASIN.
- 38 EXISTING TREE - TYP.



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 100'  
 (V): N/A



PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com

M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

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**LGI HOMES - CALIFORNIA, LLC**

NORTH VISTA PLAZA

**EXISTING CONDITIONS**

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C5
OF 43 SHEETS	


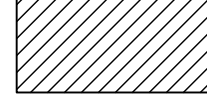
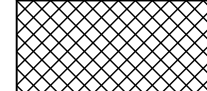
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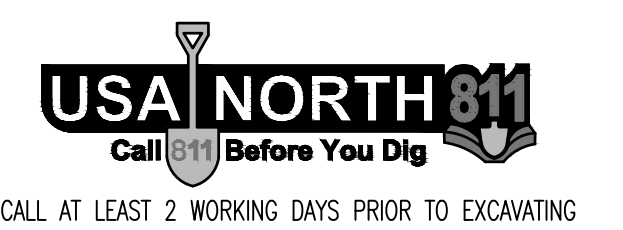
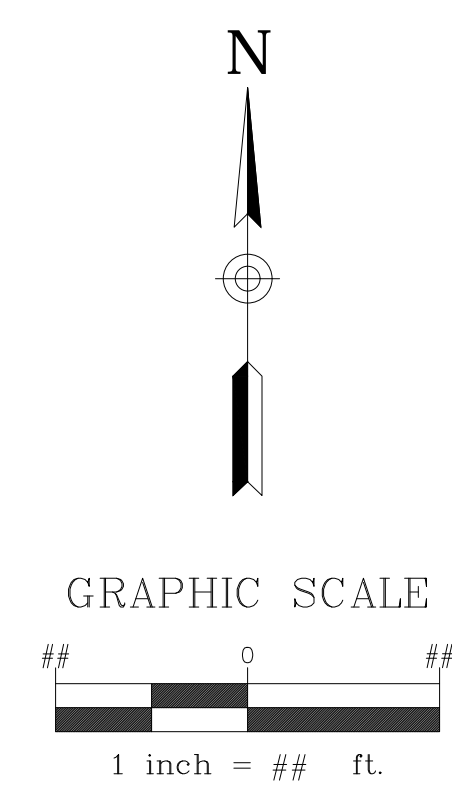
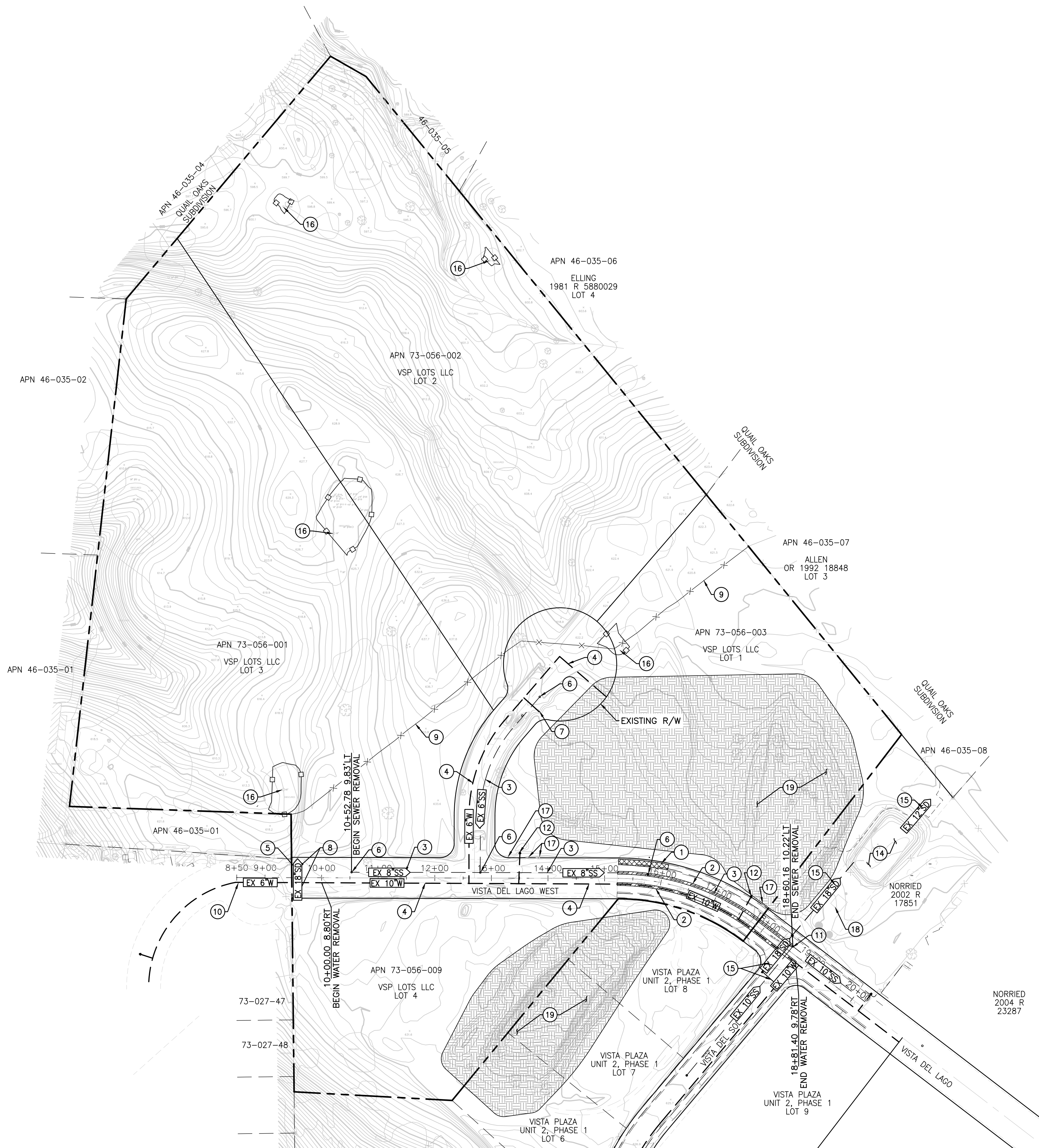


**NOTES**

- ① SAWCUT AND REMOVE EXISTING CURB, GUTTER, AND SIDEWALK.
- ② SAWCUT EXISTING PAVEMENT FOR EXISTING UTILITY REMOVAL.
- ③ REMOVE EXISTING SANITARY SEWER PIPE.
- ④ REMOVE EXISTING WATER PIPE, FITTINGS, AND VALVES.
- ⑤ REMOVE EXISTING STORM DRAIN PIPE.
- ⑥ REMOVE EXISTING SSMH.
- ⑦ REMOVE EXISTING FIRE HYDRANT ASSEMBLY.
- ⑧ REMOVE EXISTING DRAIN INLET.
- ⑨ REMOVE EXISTING FENCE.
- ⑩ EXISTING WATER TO REMAIN AND BE PROTECTED IN PLACE.
- ⑪ EXISTING SSMH TO REMAIN AND BE PROTECTED IN PLACE.
- ⑫ EXISTING FIRE HYDRANT TO REMAIN AND BE PROTECTED IN PLACE.
- ⑬ EXISTING WATER TEE TO REMAIN AND BE PROTECTED IN PLACE.
- ⑭ EXISTING DRAINAGE BASIN TO REMAIN AND BE PROTECTED IN PLACE.
- ⑮ EXISTING STORM DRAIN TO REMAIN AND BE PROTECTED IN PLACE.
- ⑯ EXISTING TREE TO REMAIN AND BE PROTECTED IN PLACE. LIMITS OF TREE FENCING TO BE DETERMINED BY THE ARBORIST.
- ⑰ EXISTING ELECTRICAL BOX TO REMAIN AND BE PROTECTED IN PLACE.
- ⑱ EXISTING OVERHEAD ELECTRICAL TOWER TO BE PROTECTED.
- ⑲ APPROXIMATE AREA OF UNDOCUMENTED FILL. CONTRACTOR TO CONSULT GEOTECHNICAL ENGINEER TO DETERMINE DEPTH AND LIMIT OF AREA TO BE OVER-EXCAVATED.

**LEGEND**

- AREA OF UNDOCUMENTED FILL 
- EXISTING UTILITY REMOVAL 
- SAWCUT AND REMOVE EXISTING CURB, GUTTER, AND SIDEWALK 



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 100'  
 (V): N/A



PREPARED UNDER THE DIRECTIONS OF:

**M. SCOTT LILLIBRIDGE, P.E.** DATE \_\_\_\_\_  
 RCE 52504

**RICK ENGINEERING COMPANY**  
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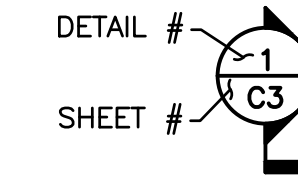
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 NORTH VISTA PLAZA  
**DEMOLITION PLAN**

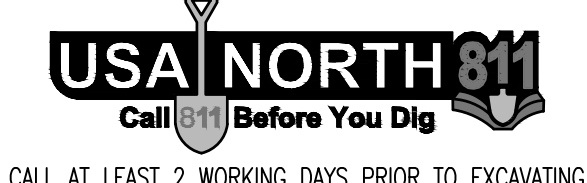
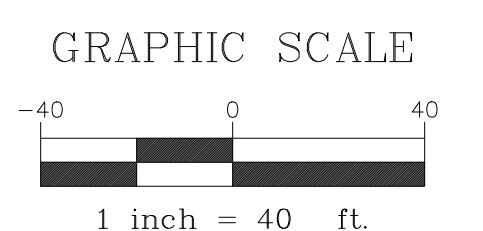
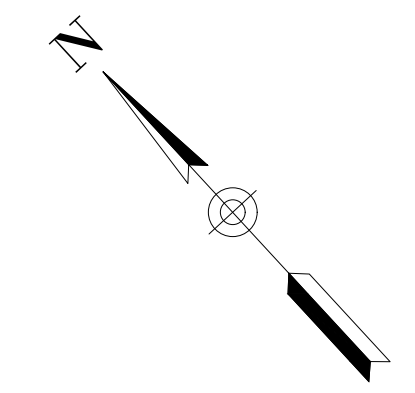
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C6
OF 43 SHEETS	

SECTION DETAIL CALLOUT



SEE SHEET C9 FOR CONTINUATION



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 (V): N/A



PREPARED UNDER THE DIRECTIONS OF:

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M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

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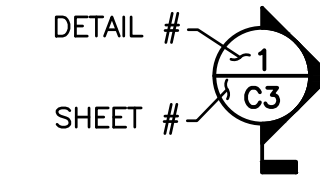
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LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**GRADING PLAN NORTH**  
 SHEET 1

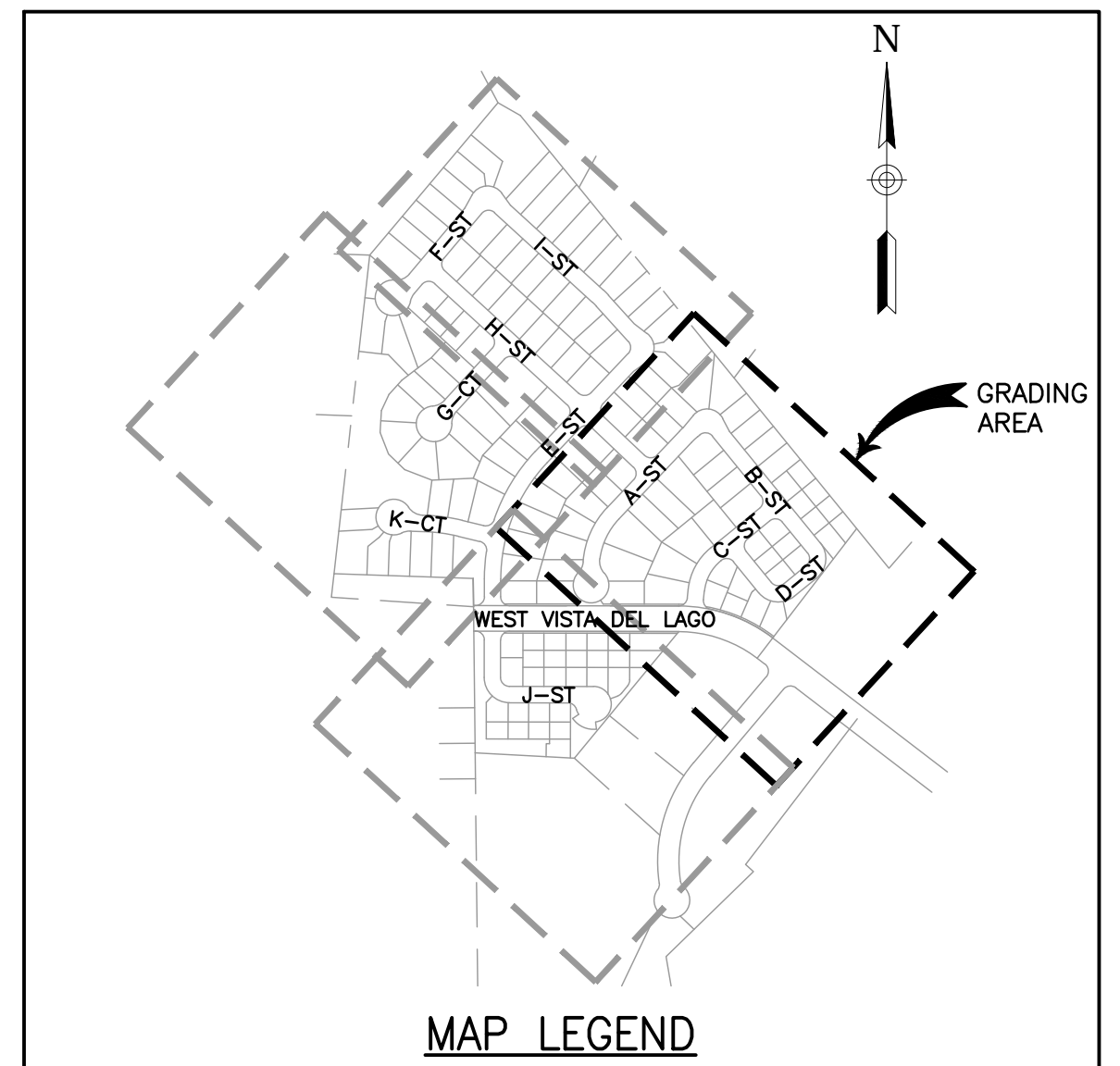
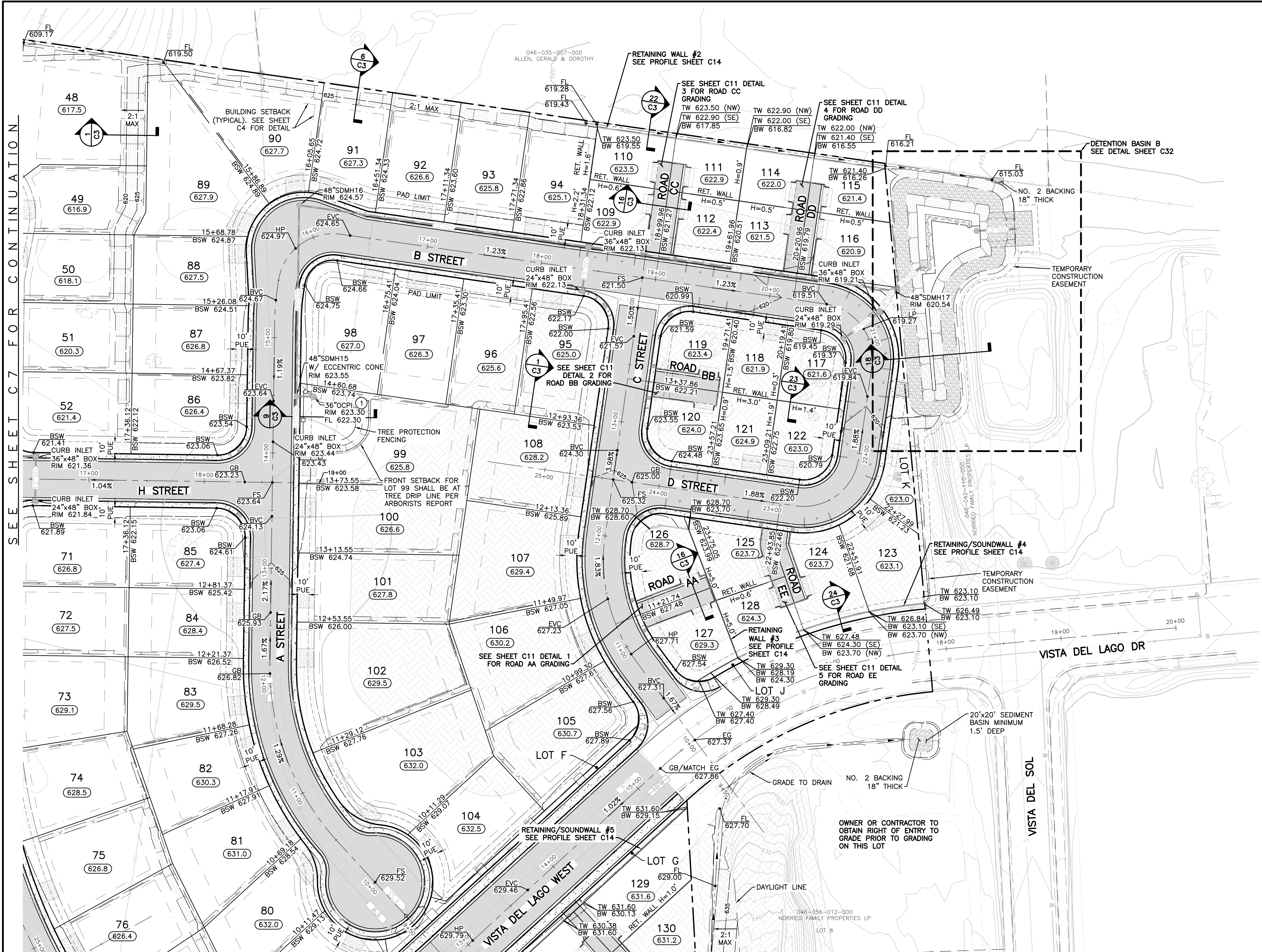
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C7  
 OF 43 SHEETS

SECTION DETAIL CALLOUT



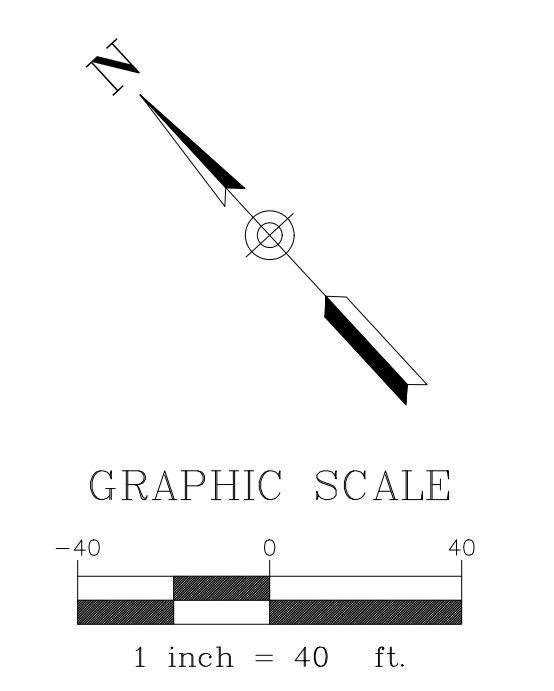
SEE SHEET C7 FOR CONTINUATION



**CONSTRUCTION NOTE**  
 AREA OF UNDOCUMENTED FILL. CONTRACTOR TO CONSULT GEOTECHNICAL ENGINEER TO DETERMINE DEPTH AND SPREAD OF UNDOCUMENTED FILL. GEOTECHNICAL ENGINEER TO PROVIDE DIRECTION FOR OVEREXCAVATION AND COMPACTION.

**LEGEND**  
 AREA OF UNDOCUMENTED FILL

**CONSTRUCTION NOTE**  
 ① CONSTRUCT 36"OCPI PER CALTRANS STD DETAIL D75B. SEE DETAIL SHEET C31



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**  
 DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 (V): N/A



PREPARED UNDER THE DIRECTIONS OF:  
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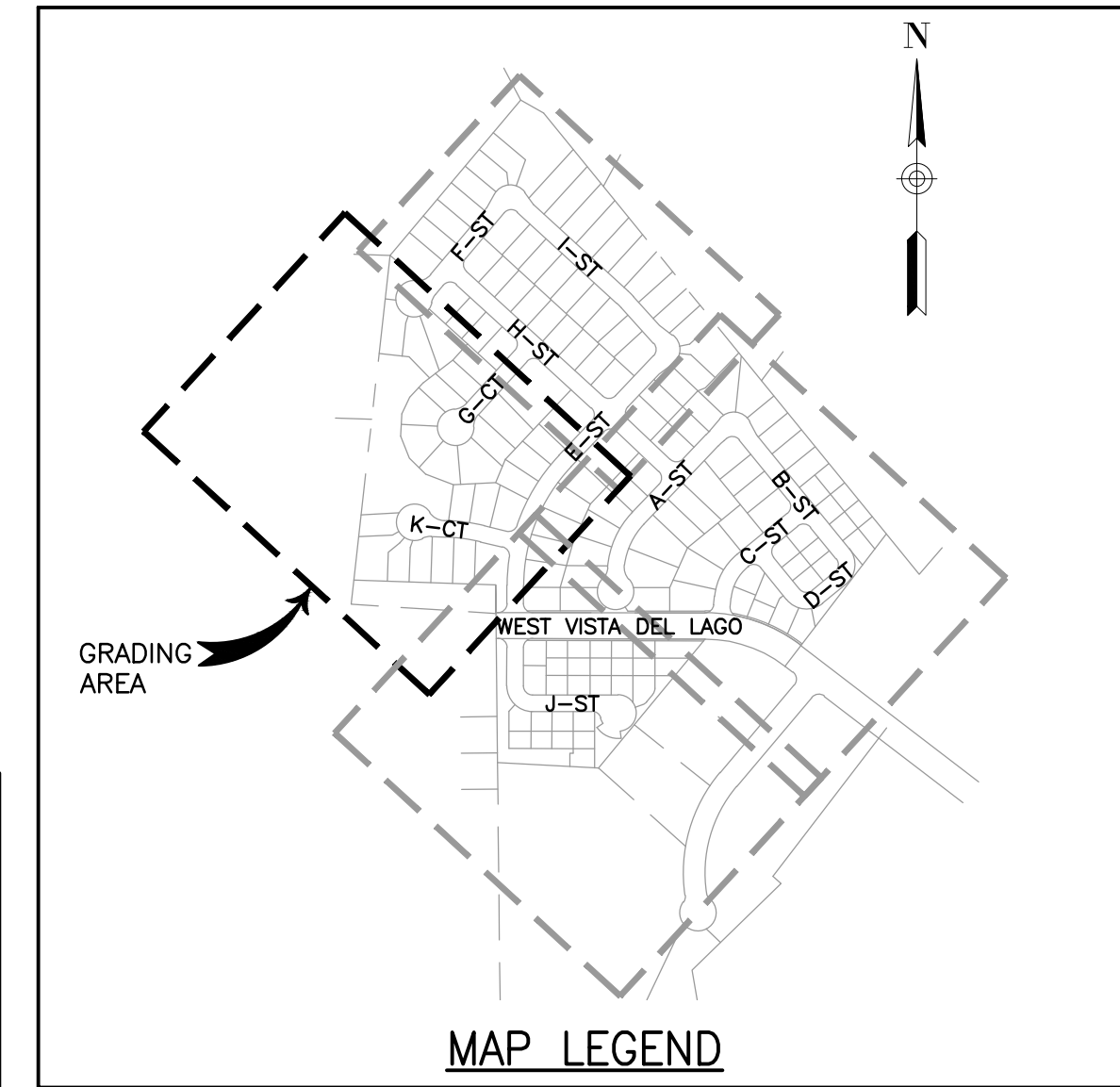
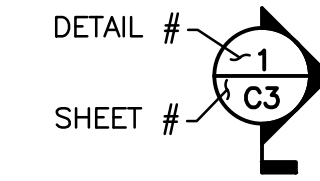
OWNER OR CONTRACTOR TO OBTAIN RIGHT OF ENTRY TO GRADE PRIOR TO GRADING ON THIS LOT

LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**GRADING PLAN EAST**  
 SHEET 2  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C8  
 OF 43 SHEETS

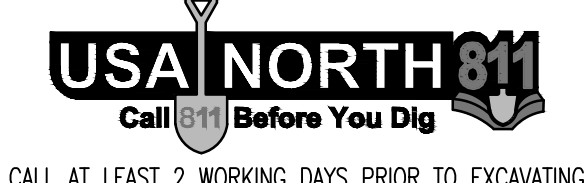
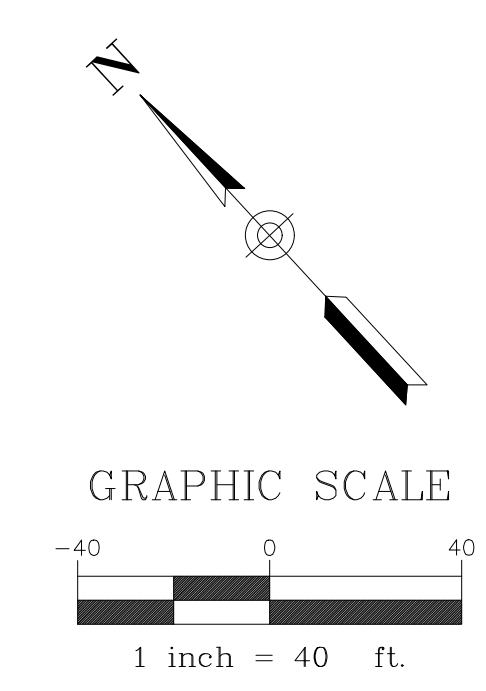
SEE SHEET C7 FOR CONTINUATION

SECTION DETAIL CALLOUT



CONSTRUCTION NOTE

- 1 CONSTRUCT 36"OCPI PER CALTRANS STD DETAIL D75B. SEE DETAIL SHEET C31



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING



SEE SHEET C10 FOR CONTINUATION

PRELIMINARY NOT FOR CONSTRUCTION			
DESIGNED BY:	RICK		
DRAWN BY:	RICK		
REVIEWED BY:	RICK		
SCALE (H):	1" = 40'		
(V):	N/A		

PREPARED UNDER THE DIRECTIONS OF:

M. SCOTT LILLIBRIDGE, P.E.  
RCE 52504

**RICK ENGINEERING COMPANY**  
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NORTH VISTA PLAZA  
**GRADING PLAN WEST**  
SHEET 3

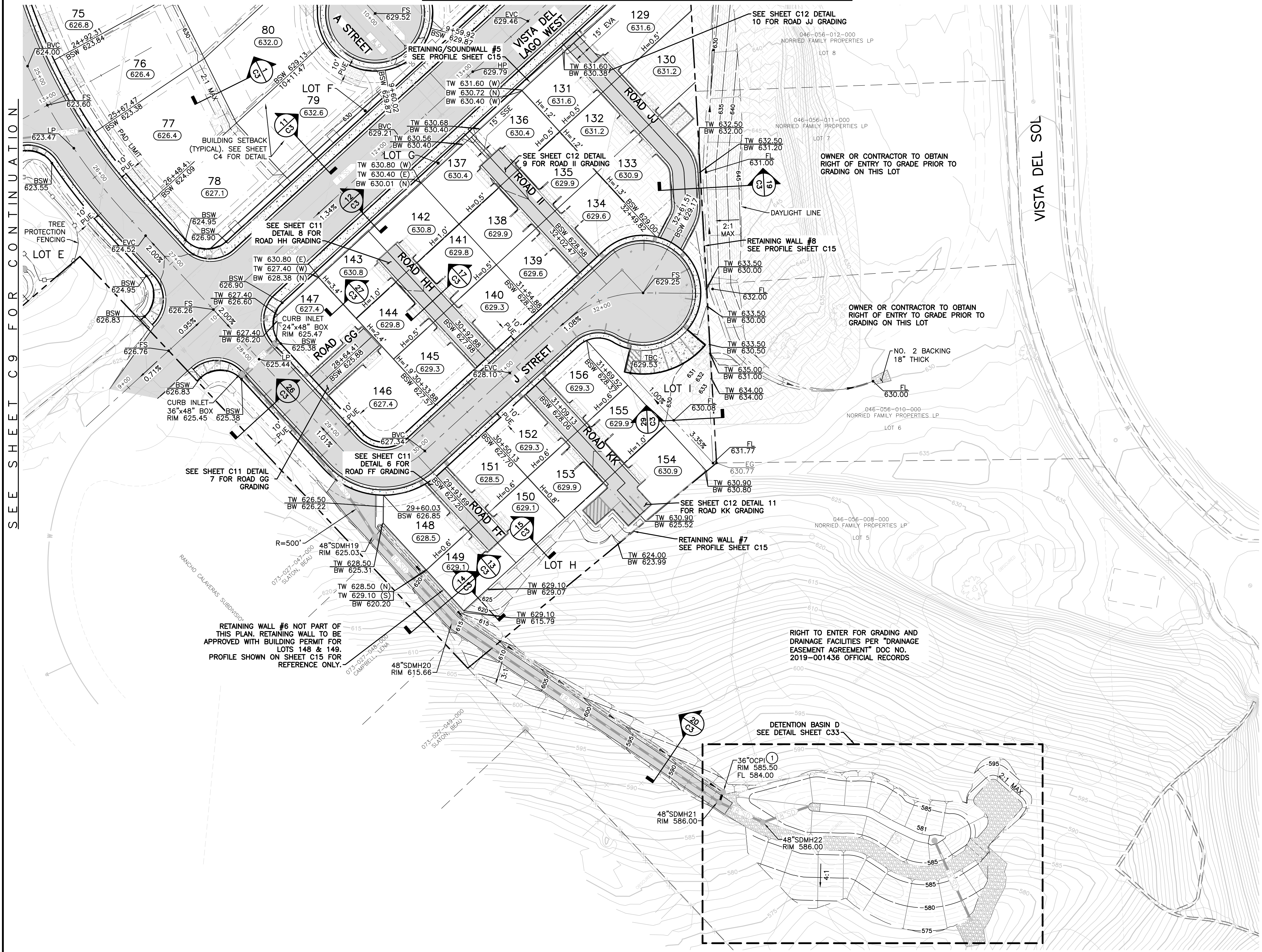
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C9
OF 43 SHEETS	

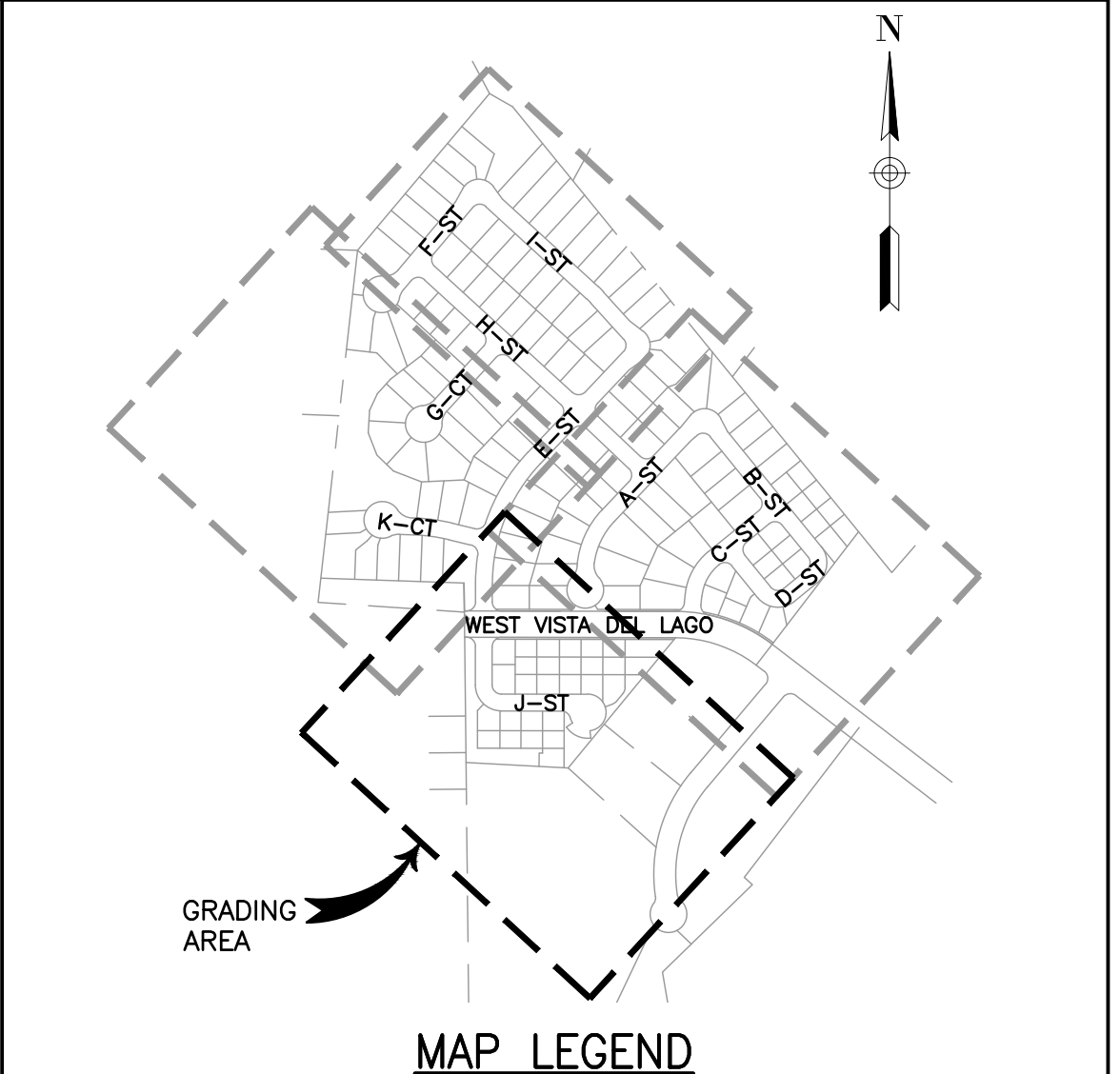
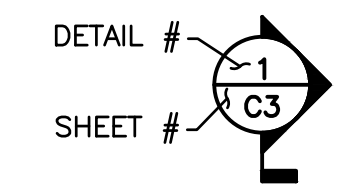
PRINT DATE: December 5, 2022 FILENAME: C:\RICK\Projects\19361\_NORTH VISTA PLAZA\Civil\Plan\Grading\CP 19361 GRADING PLAN 3.dwg BY: Ron Conway

SEE SHEET C8 FOR CONTINUATION

SEE SHEET C9 FOR CONTINUATION



SECTION DETAIL CALLOUT



CONSTRUCTION NOTE

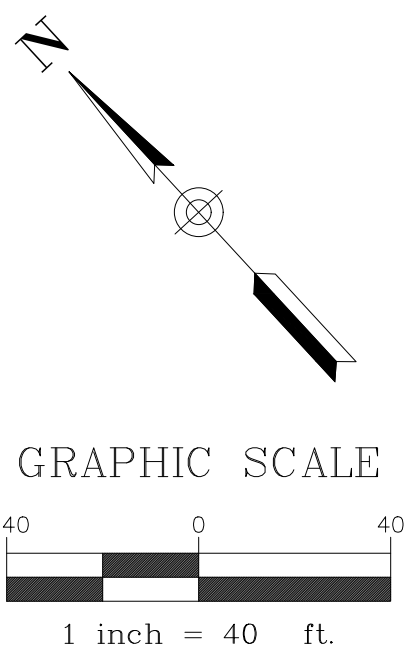
AREA OF UNDOCUMENTED FILL. CONTRACTOR TO CONSULT GEOTECHNICAL ENGINEER TO DETERMINE DEPTH AND SPREAD OF UNDOCUMENTED FILL. GEOTECHNICAL ENGINEER TO PROVIDE DIRECTION FOR OVEREXCAVATION AND COMPACTION.

LEGEND

AREA OF UNDOCUMENTED FILL

CONSTRUCTION NOTE

① CONSTRUCT 36"OCPI PER CALTRANS STD DETAIL D75B. SEE DETAIL SHEET C31



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): 1" = 40'  
(V): N/A



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**RICK ENGINEERING COMPANY**  
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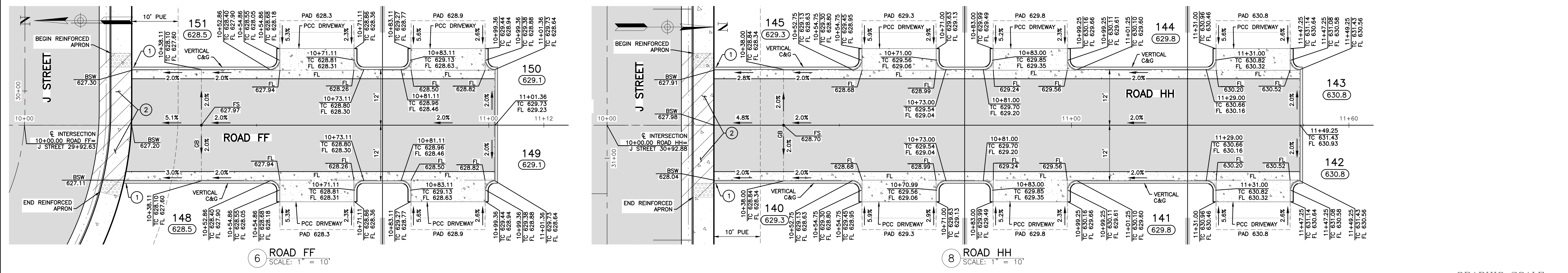
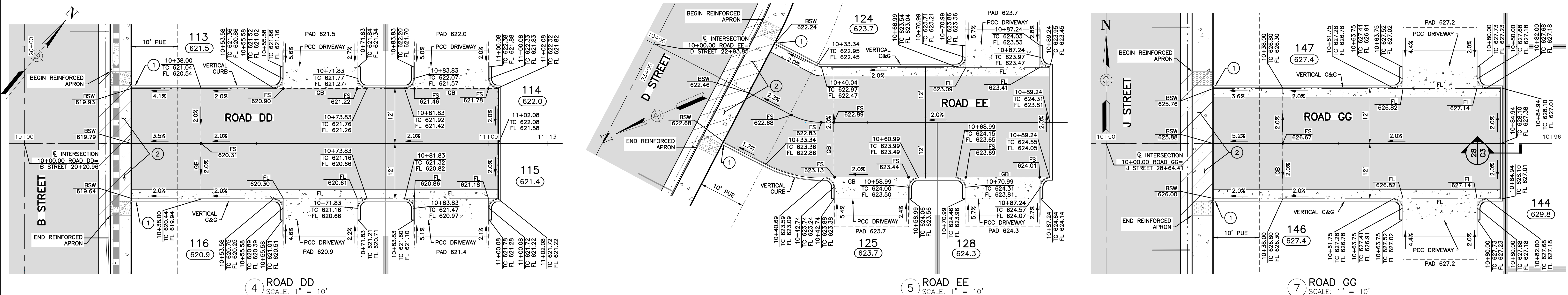
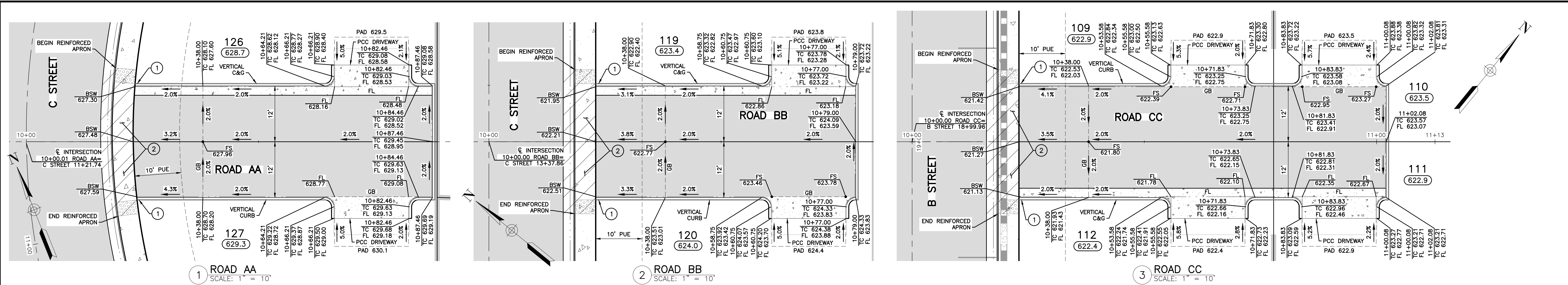
M. SCOTT LILLIBRIDGE, P.E. DATE  
RCE 52504

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NORTH VISTA PLAZA  
**GRADING PLAN SOUTH**  
SHEET 4

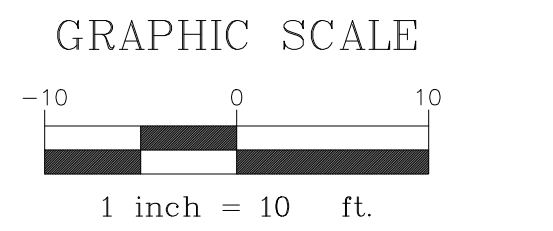
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
JOB NUMBER: 19361  
SHEET NUMBER: C10  
OF 43 SHEETS



**CONSTRUCTION NOTES:**

- ① BULLNOSE END OF CURB AT BACK OF WALK SEE DETAIL ON SHEET C4.
- ② REINFORCED DRIVEWAY APRON SEE DETAIL ON SHEET C4.



REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 10'  
 (V): N/A



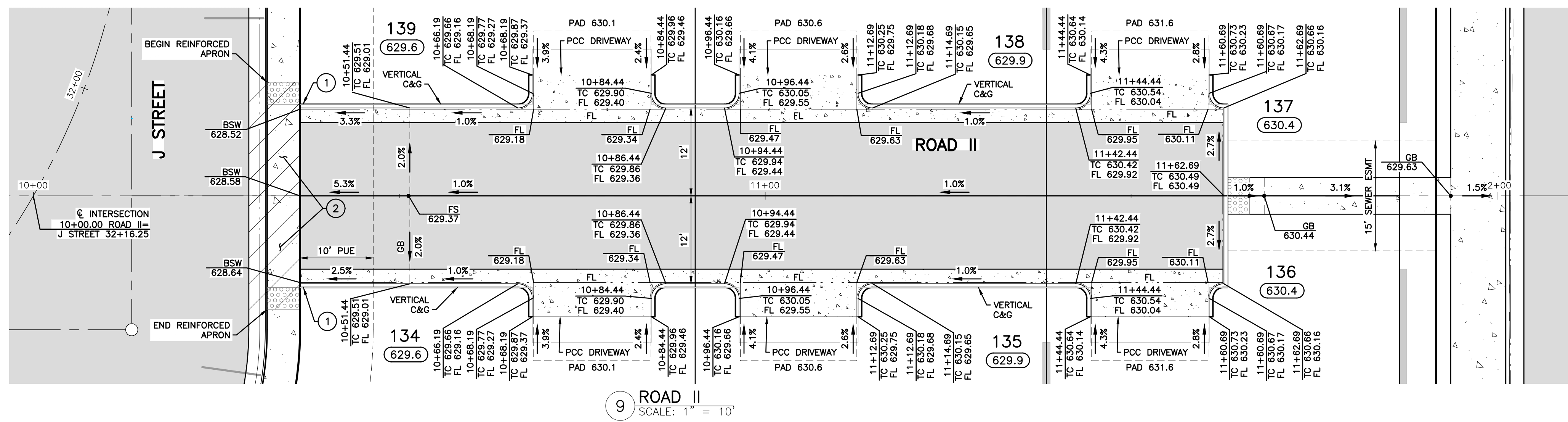
PREPARED UNDER THE DIRECTIONS OF:  
**RICK ENGINEERING COMPANY**  
 M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

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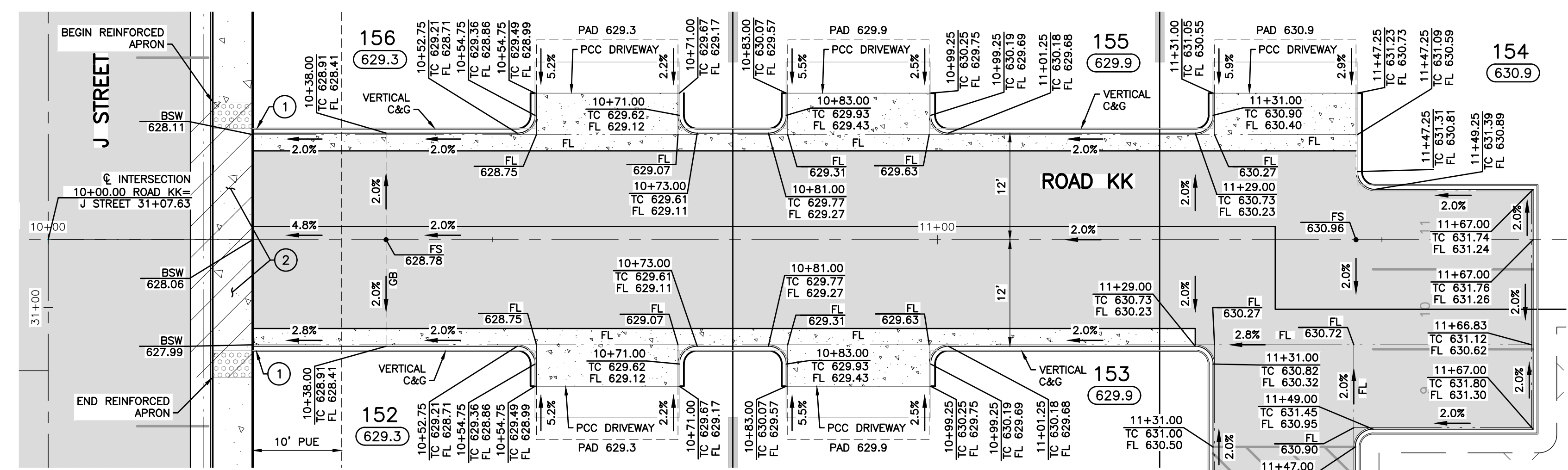
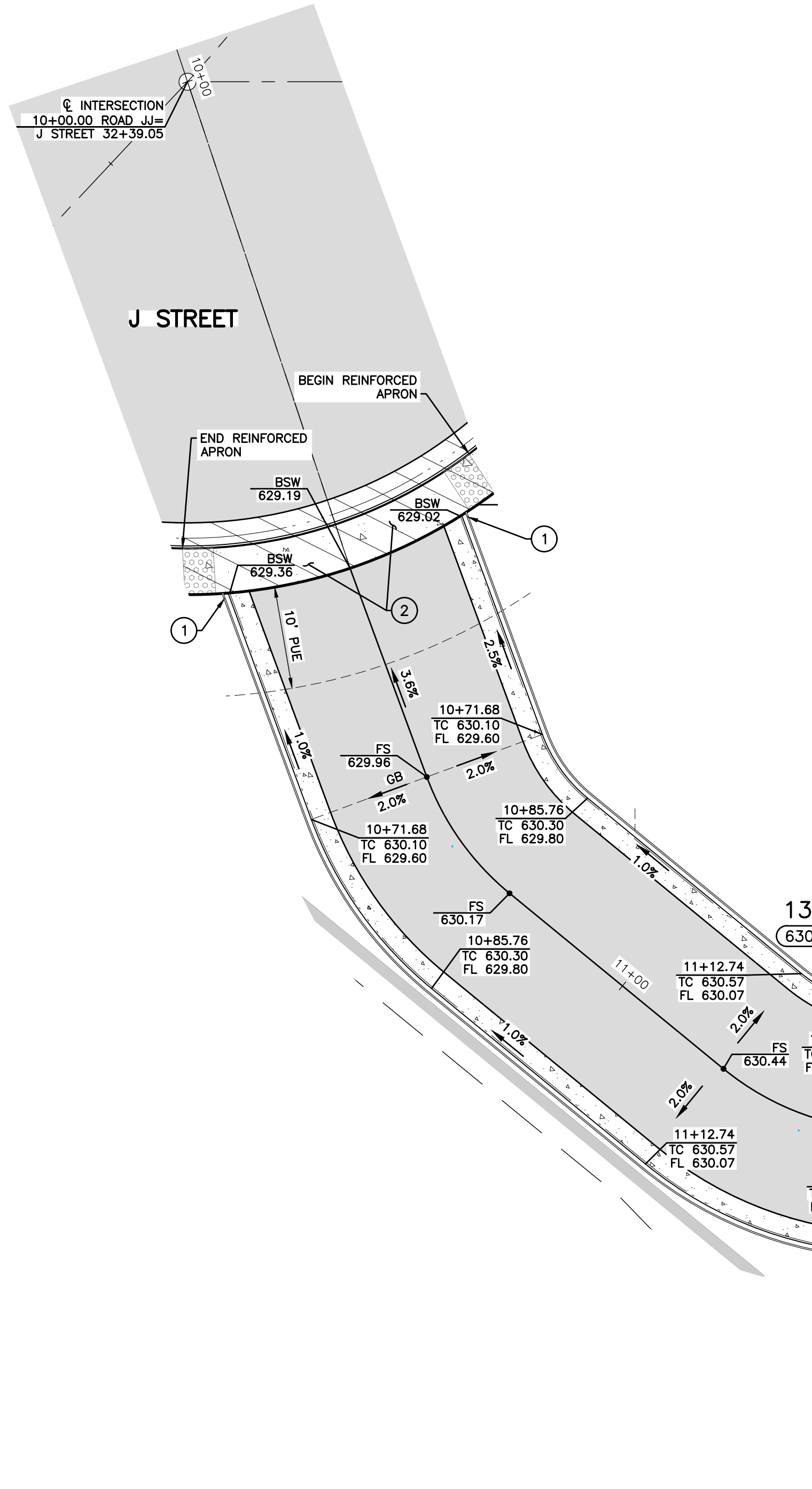
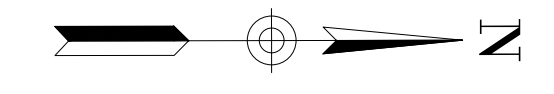
**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**ROAD GRADING PLAN**  
 SHEET 1

VALLEY SPRINGS  
 CALAVERAS COUNTY  
 CALIFORNIA

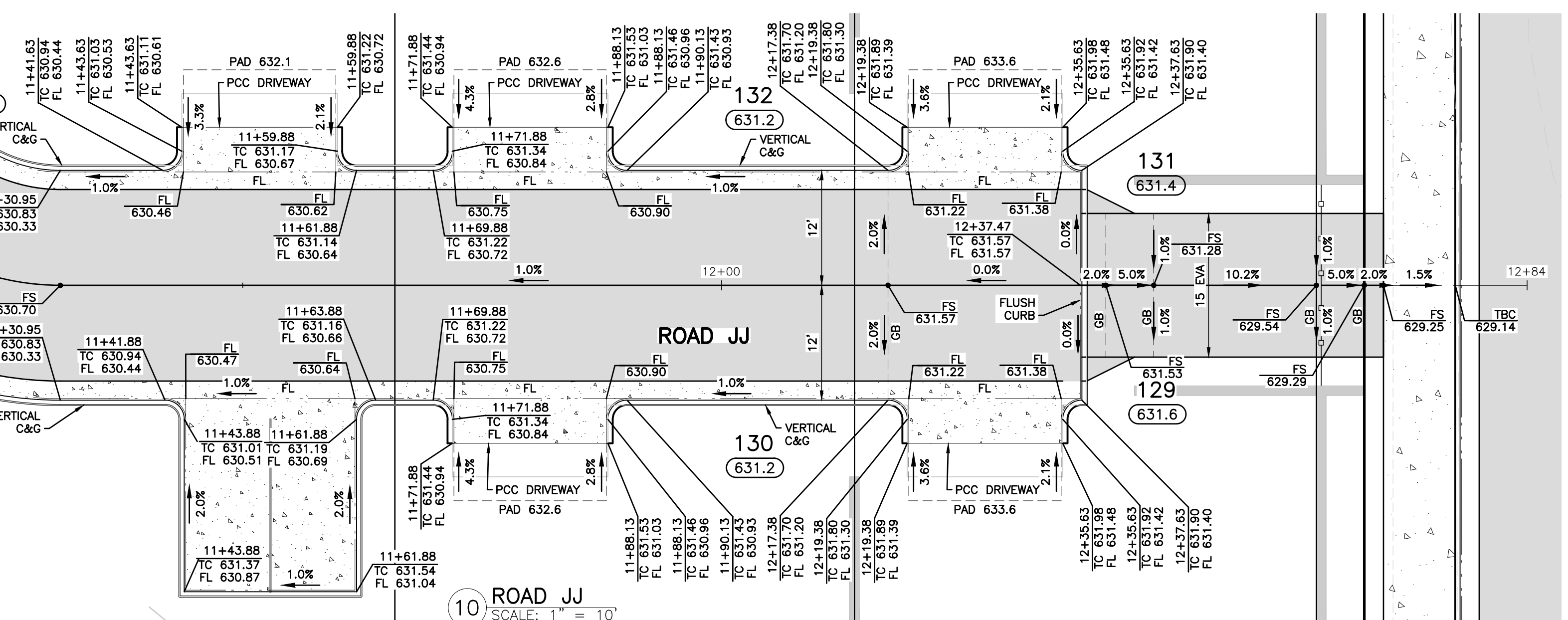
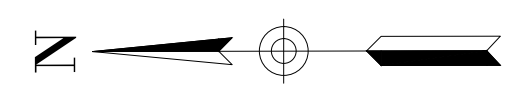
DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C11
OF 43 SHEETS	



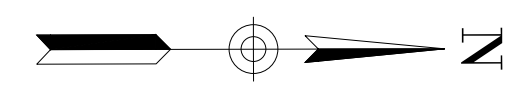
9 ROAD II  
SCALE: 1" = 10'



11 ROAD KK  
SCALE: 1" = 10'

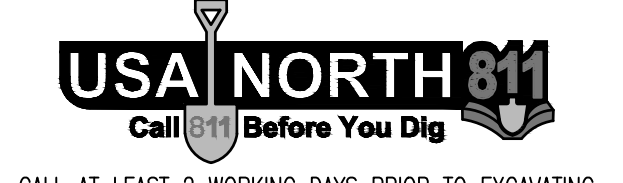
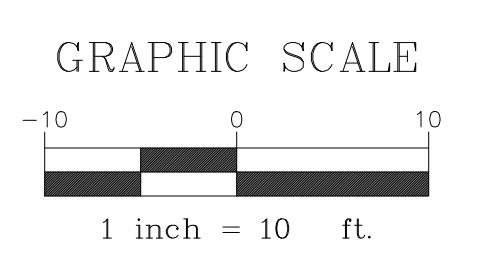


10 ROAD JJ  
SCALE: 1" = 10'



**CONSTRUCTION NOTES:**

- 1 BULLNOSE END OF CURB AT BACK OF WALK SEE DETAIL ON SHEET C4.
- 2 REINFORCED DRIVEWAY APRON SEE DETAIL ON SHEET C4.



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**  
 DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 10'  
 (V): N/A

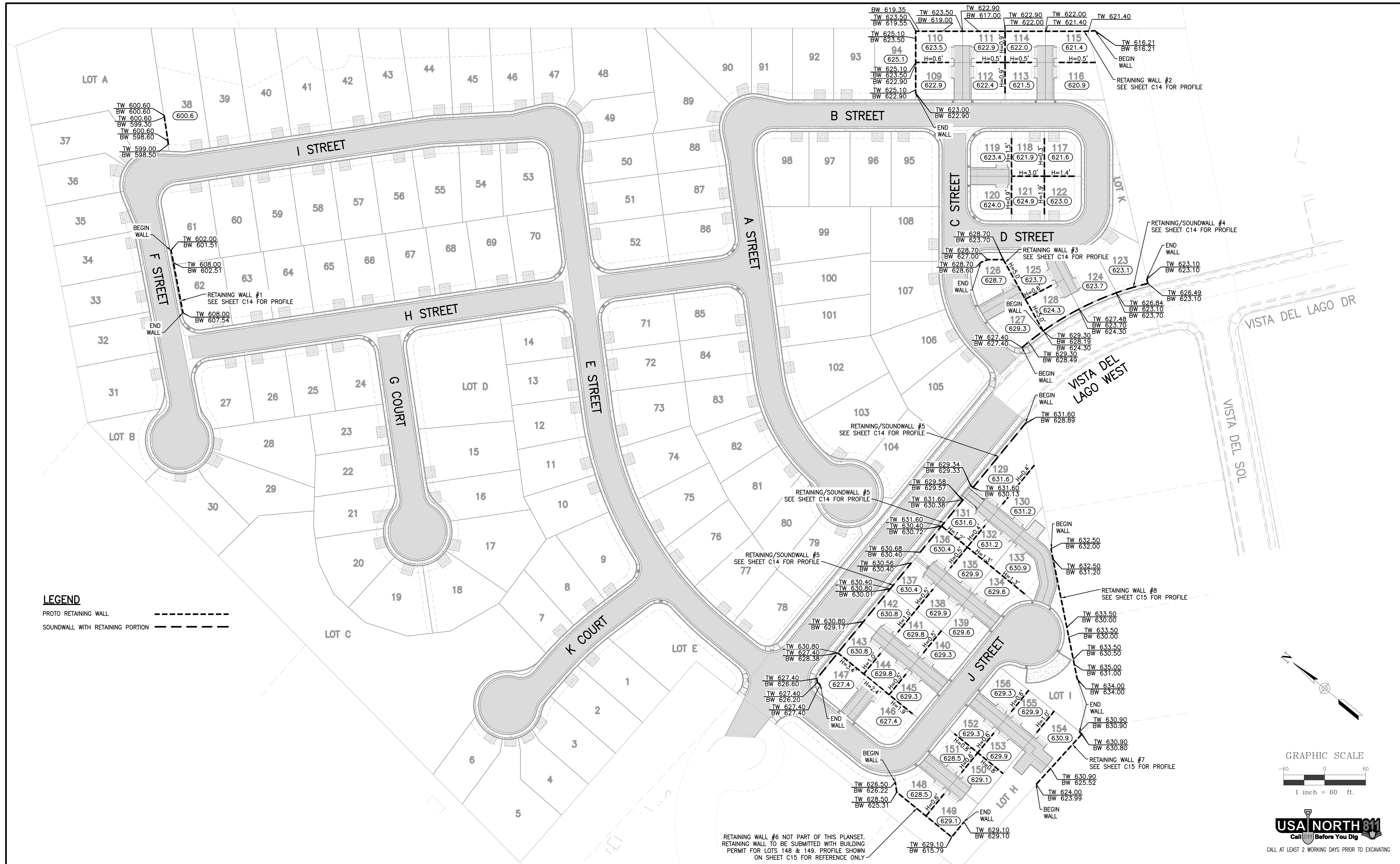


PREPARED UNDER THE DIRECTIONS OF:  
**RICK ENGINEERING COMPANY**  
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 RCE 52504

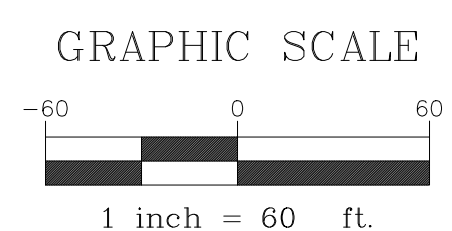
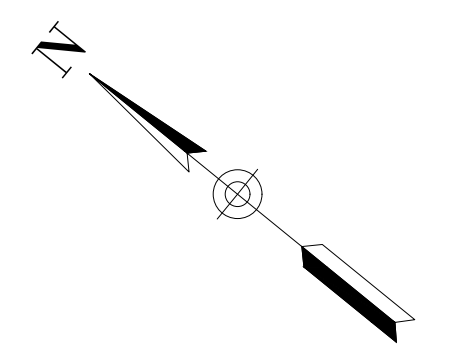
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 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com  
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**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**ROAD GRADING PLAN**  
 SHEET 2

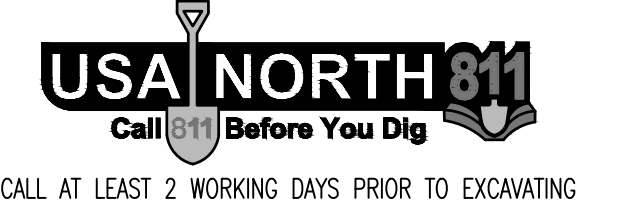
DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C12
OF 43 SHEETS	



**LEGEND**  
 PROTO RETAINING WALL  
 SOUNDWALL WITH RETAINING PORTION



RETAINING WALL #6 NOT PART OF THIS PLANSET.  
 RETAINING WALL TO BE SUBMITTED WITH BUILDING PERMIT FOR LOTS 148 & 149. PROFILE SHOWN ON SHEET C15 FOR REFERENCE ONLY



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**  
 DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 60'  
 SCALE (V): N/A



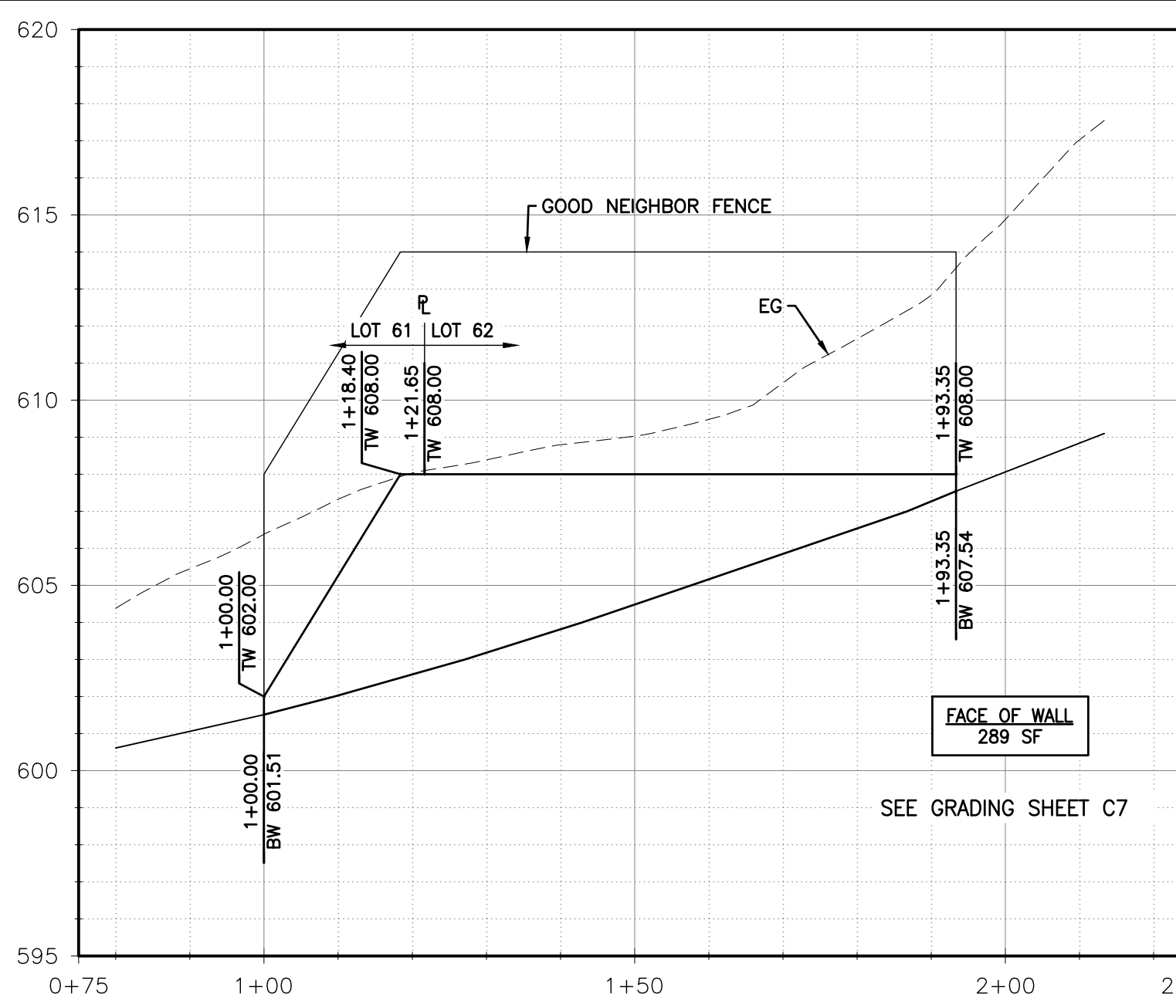
PREPARED UNDER THE DIRECTIONS OF:  
**RICK ENGINEERING COMPANY**  
 M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

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 FOLSOM, CA 95630  
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 rickengineering.com  
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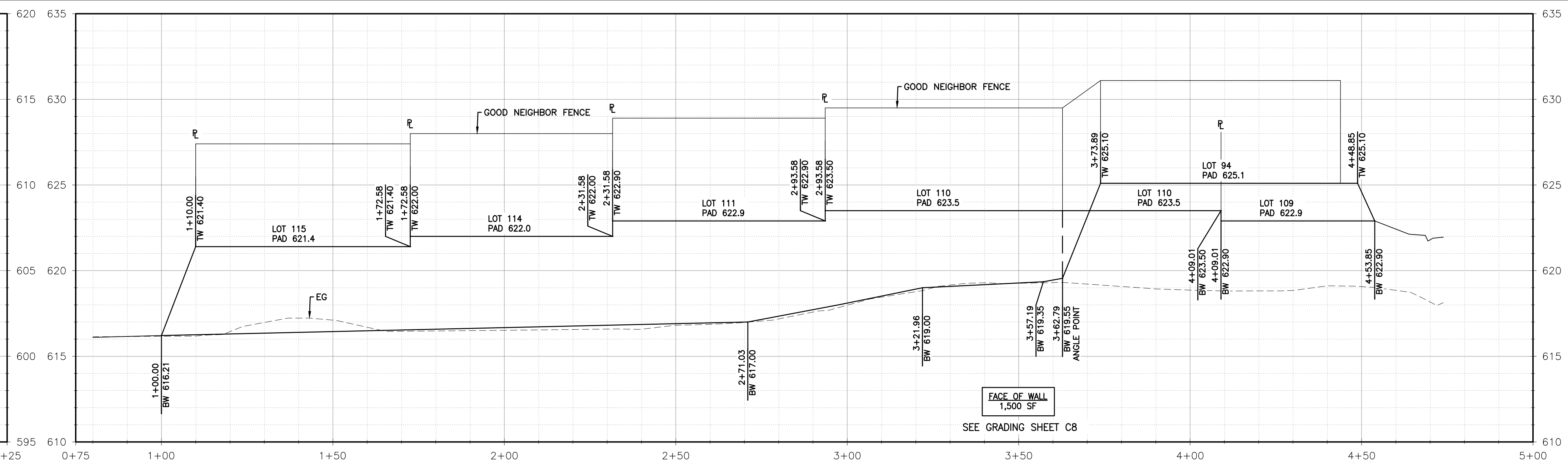
LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**OVERALL WALL PLAN**  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C13  
 OF 43 SHEETS

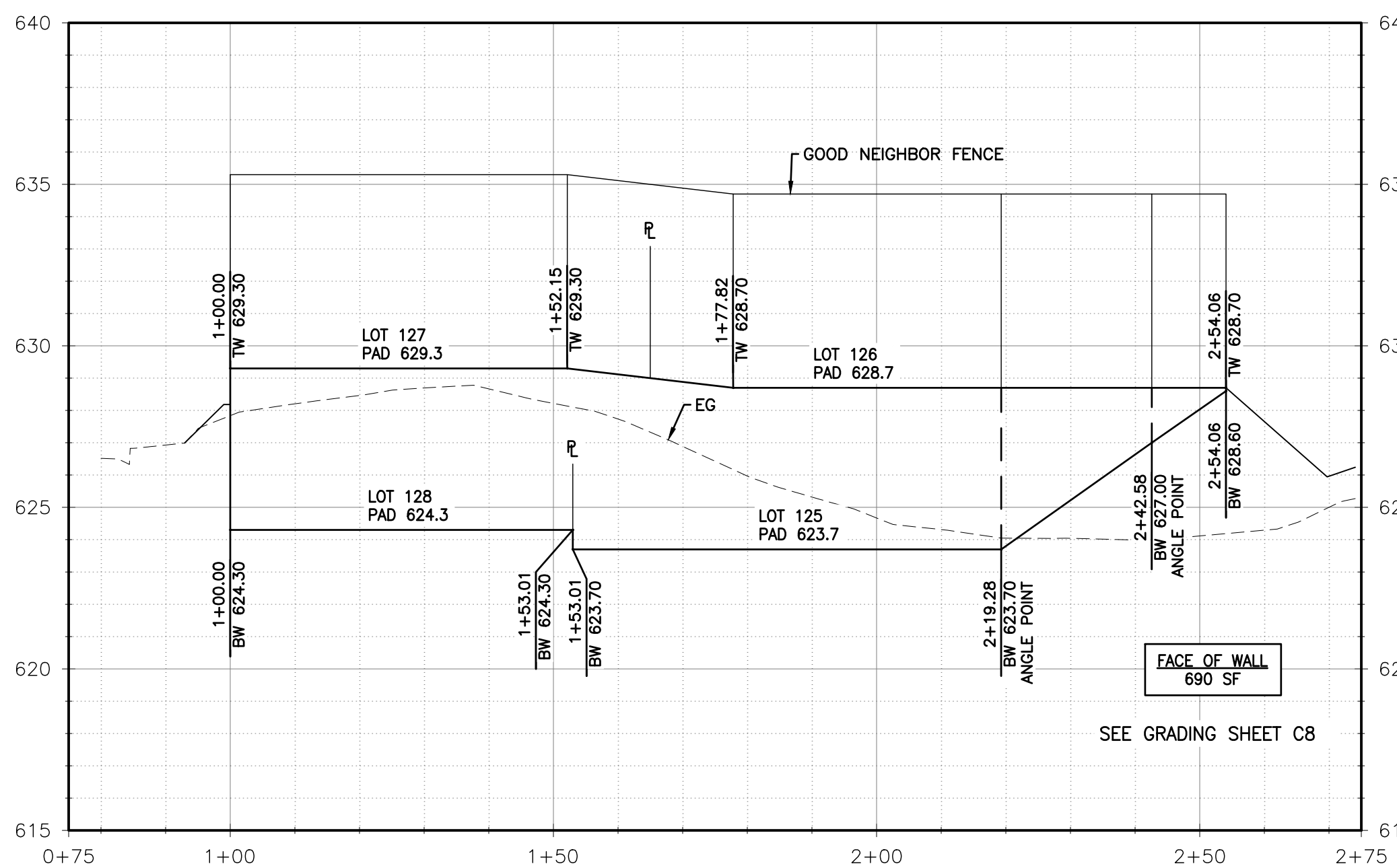




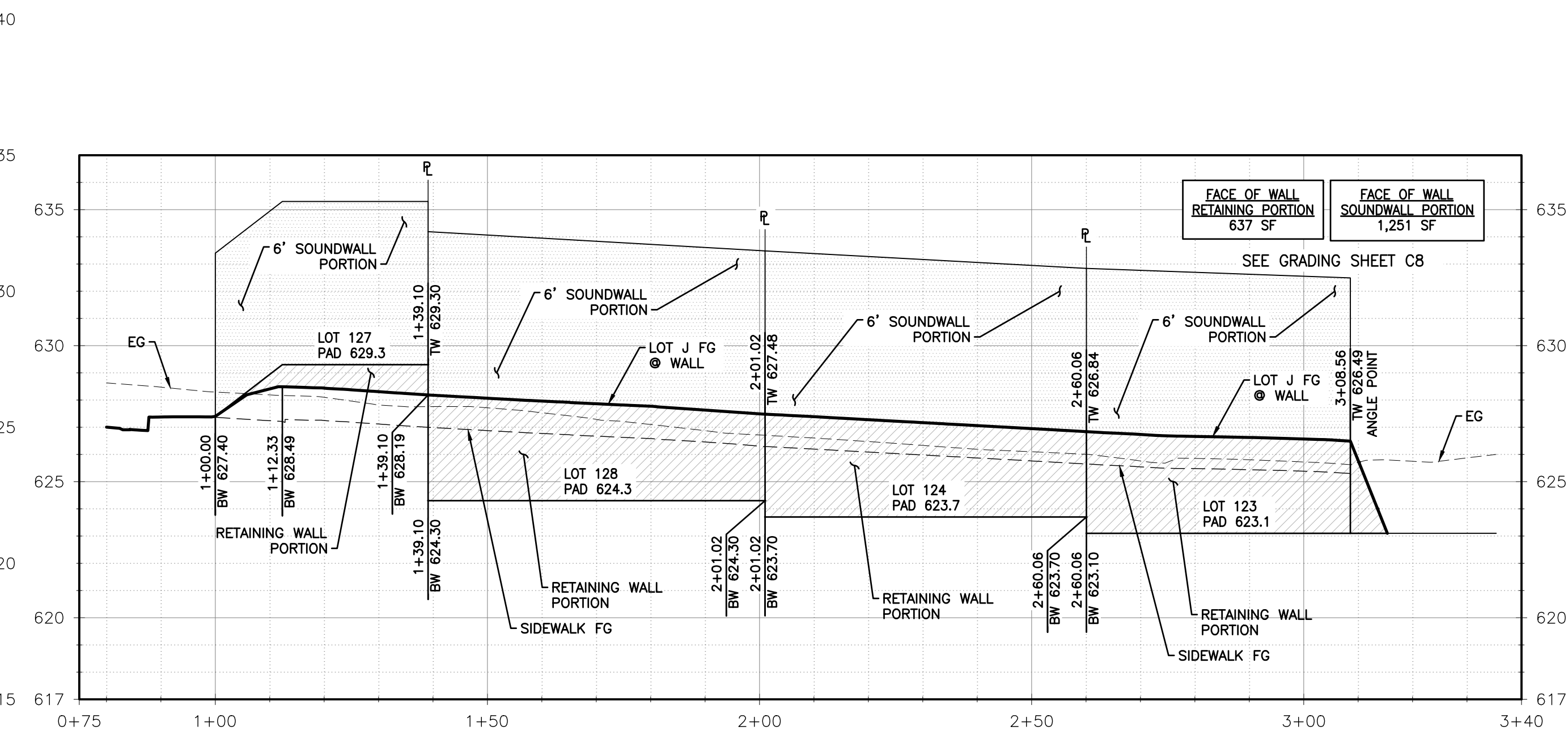
1 RETAINING WALL #1  
 HORIZ SCALE: 1" = 20' VERT SCALE 1" = 4'



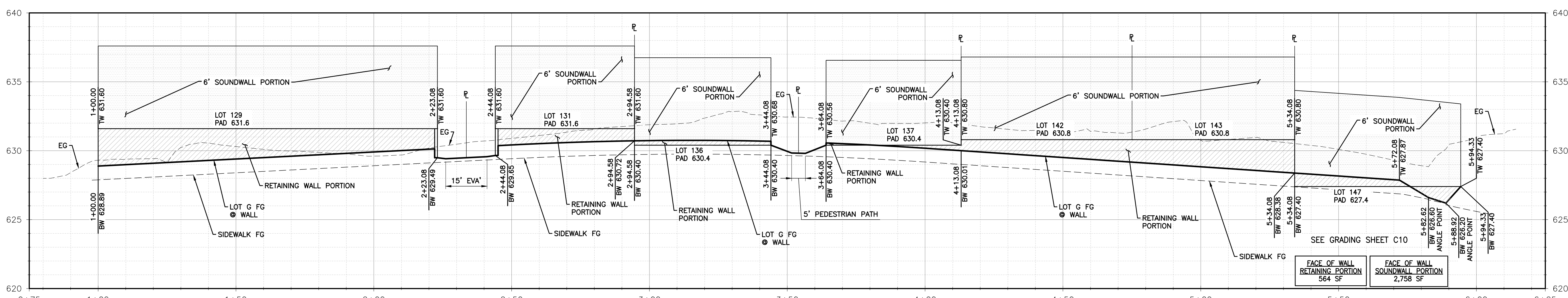
2 RETAINING WALL #2  
 HORIZ SCALE: 1" = 20' VERT SCALE 1" = 4'



3 RETAINING WALL #3  
 HORIZ SCALE: 1" = 20' VERT SCALE 1" = 4'



4 RETAINING/SOUNDWALL #4  
 HORIZ SCALE: 1" = 20' VERT SCALE 1" = 4'



5 RETAINING/SOUNDWALL #5  
 HORIZ SCALE: 1" = 20' VERT SCALE 1" = 4'



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 20'  
 SCALE (V): 1" = 4'



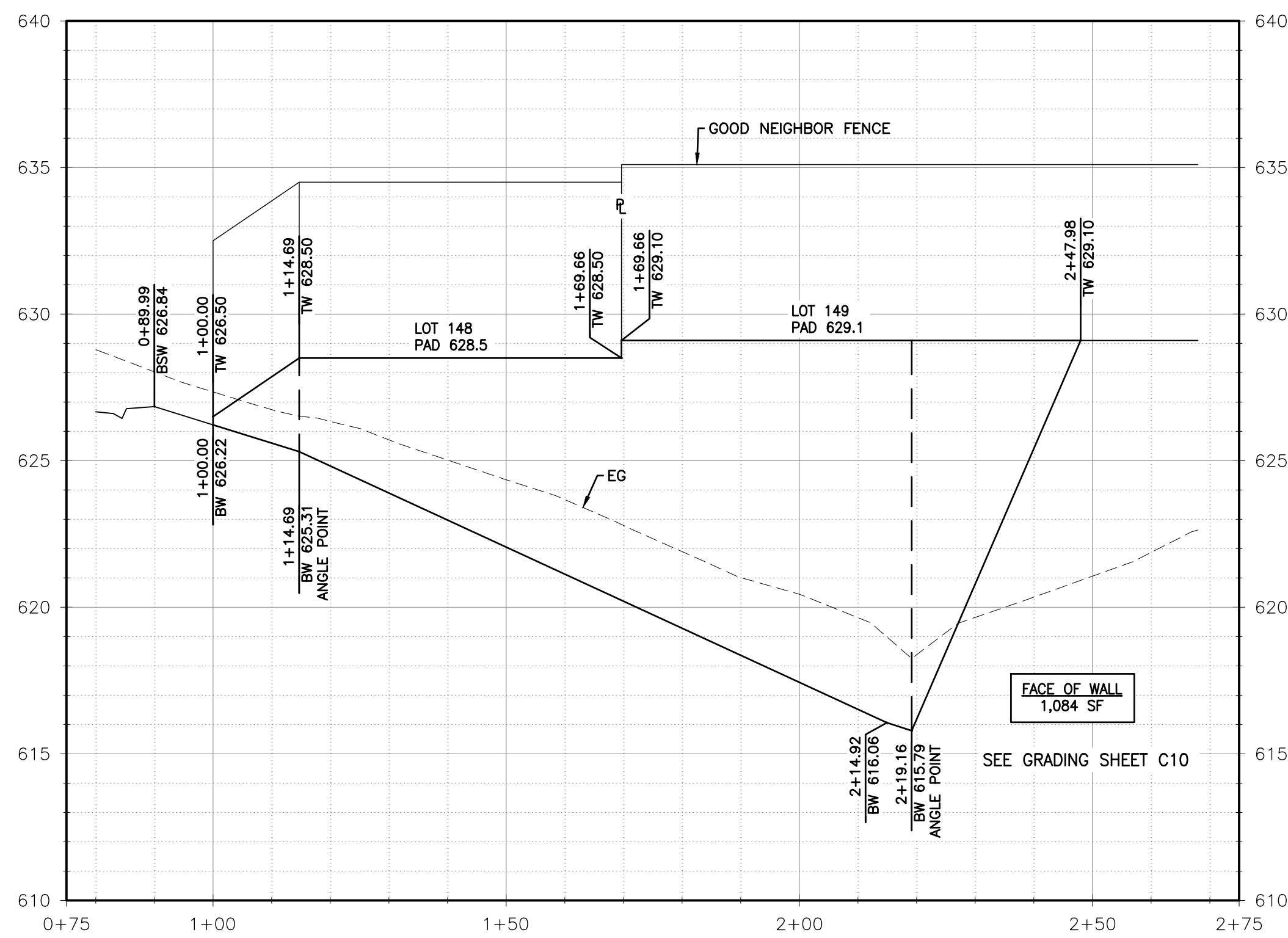
PREPARED UNDER THE DIRECTIONS OF:  
**M. SCOTT LILLIBRIDGE, P.E.** DATE: RCE 52504



2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 (FAX) 916.934.5144  
 rickengineering.com  
 San Diego - San Luis Obispo - Bakersfield - Riverside - Orange - Phoenix - Tucson

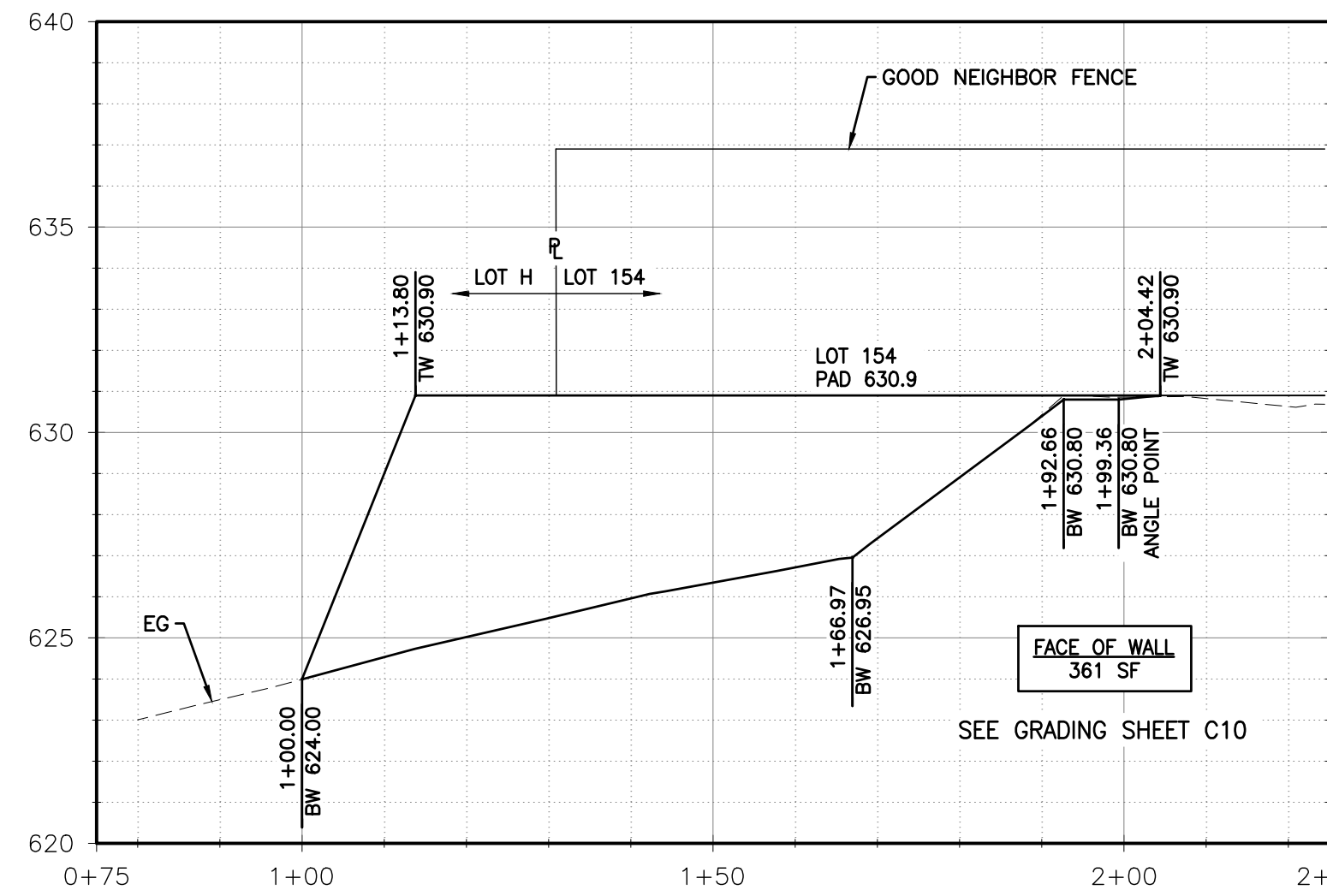
**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**RETAINING WALL PROFILES**  
 SHEET 1

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C14  
 OF 43 SHEETS

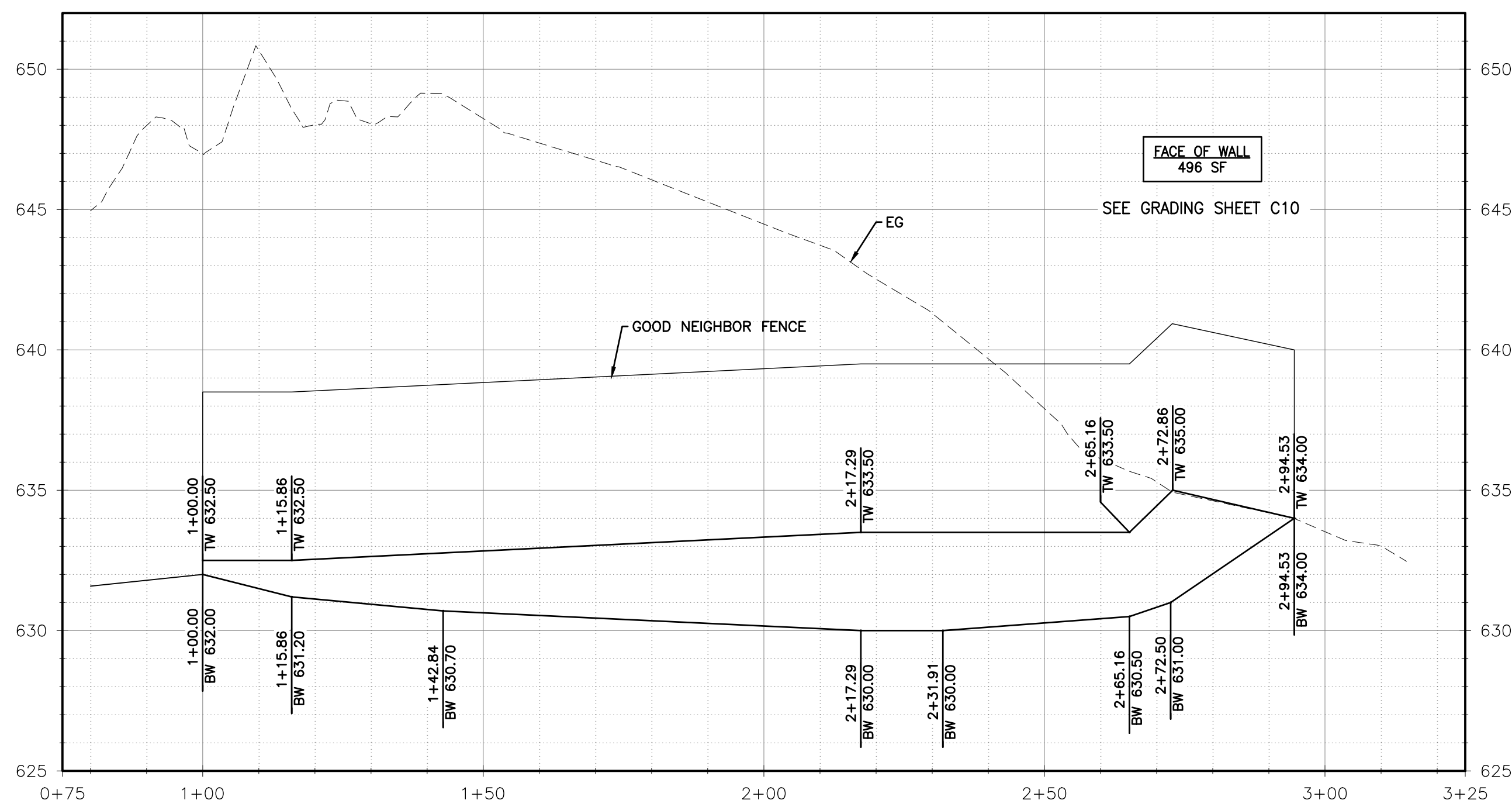


6 RETAINING WALL #6  
 HORIZ SCALE: 1" = 20' VERT SCALE 1" = 4'

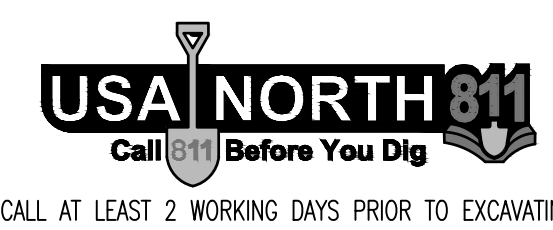
RETAINING WALL #6 NOT PART OF THIS PLAN SET.  
 RETAINING WALL TO BE SUBMITTED WITH BUILDING PERMIT FOR LOTS 148 & 149. PROFILE SHOWN ON SHEET FOR REFERENCE ONLY



7 RETAINING WALL #7  
 HORIZ SCALE: 1" = 20' VERT SCALE 1" = 4'



8 RETAINING WALL #8  
 HORIZ SCALE: 1" = 20' VERT SCALE 1" = 4'

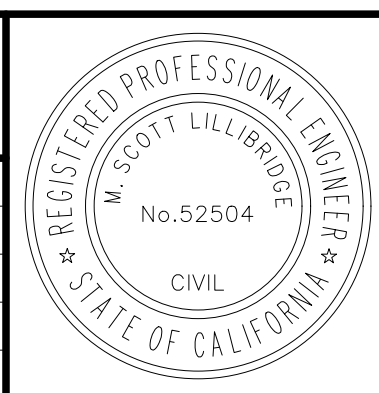


CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 20'  
 (V): 1" = 4'



PREPARED UNDER THE DIRECTIONS OF:

M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

**RICK ENGINEERING COMPANY**  
 Sacramento

2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 (FAX) 916.934.5144

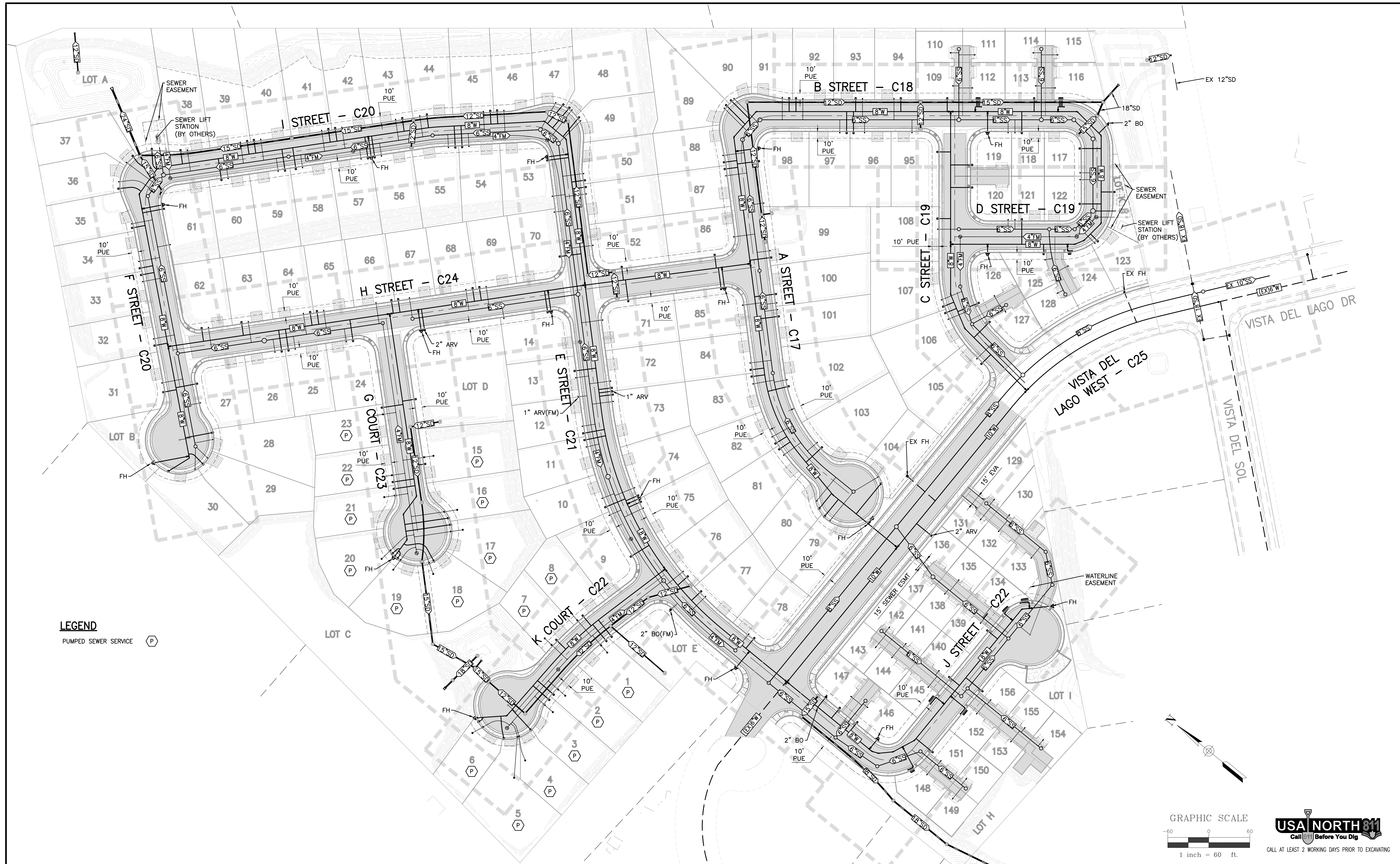
rickengineering.com  
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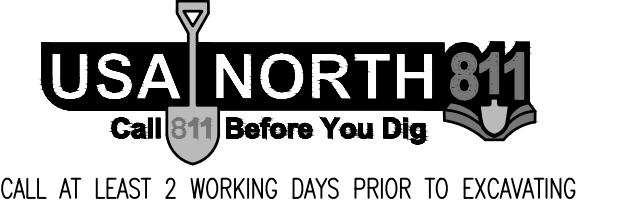
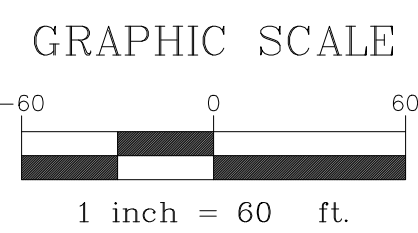
LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**RETAINING WALL PROFILES**  
 SHEET 2

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C15
OF 43 SHEETS	



**LEGEND**  
 PUMPED SEWER SERVICE (P)



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**  
 DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 60'  
 (V): N/A

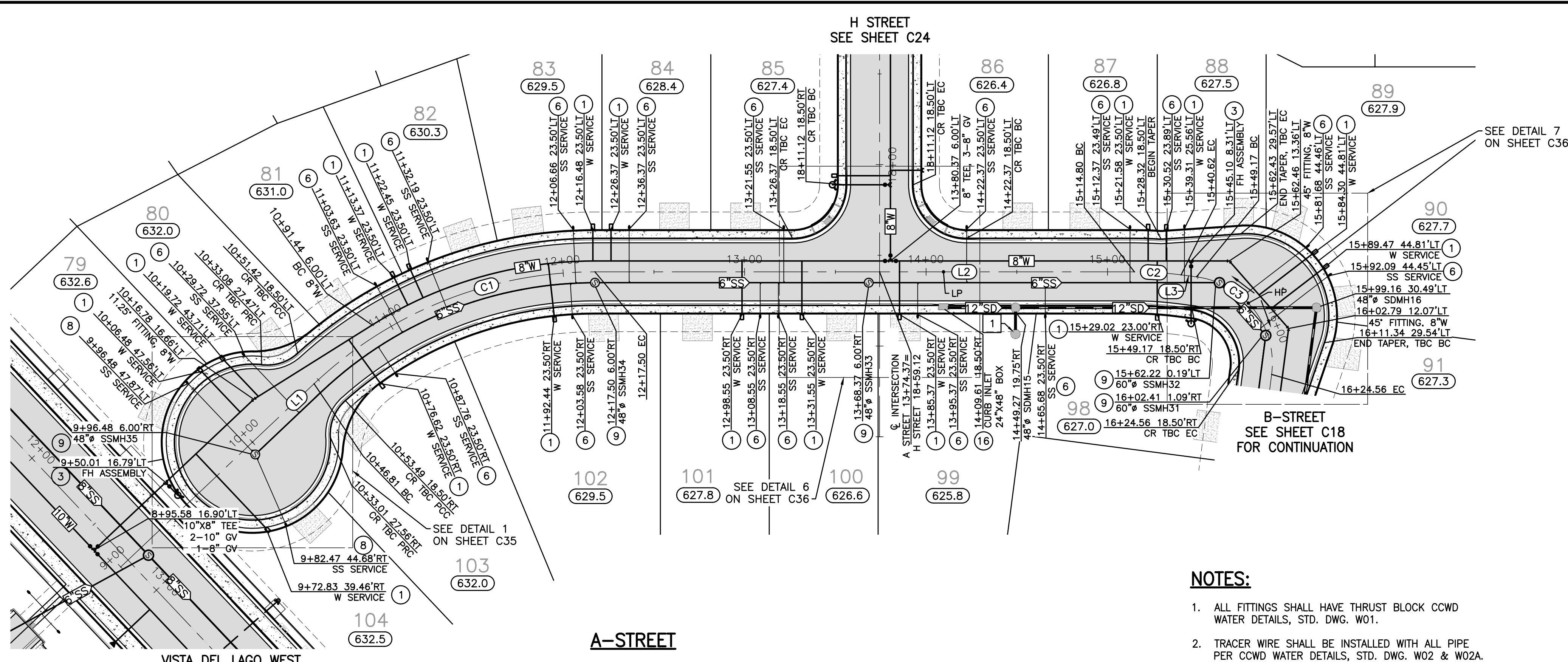


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 M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

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LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**OVERALL UTILITY PLAN**  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C16  
 OF 43 SHEETS



**DRAIN INLETS**

1 CONSTRUCT 36" OCPI PER CALTRANS STD PLAN D75B  
 INSTALL GRATE PER GCP & SIDE OPENING  
 PER SECTION B-B ON STD PLAN D75B  
 SEE SHEET C31 FOR CALTRANS STD PLAN D75B  
 RIM 623.30  
 FL SIDE OPENING=622.30  
 6" IE OUT=620.92  
 CONNECT TO 48"SDMH W/  
 14.5LF @ S=1.00%

A-ST, B-ST, D-ST C DATA

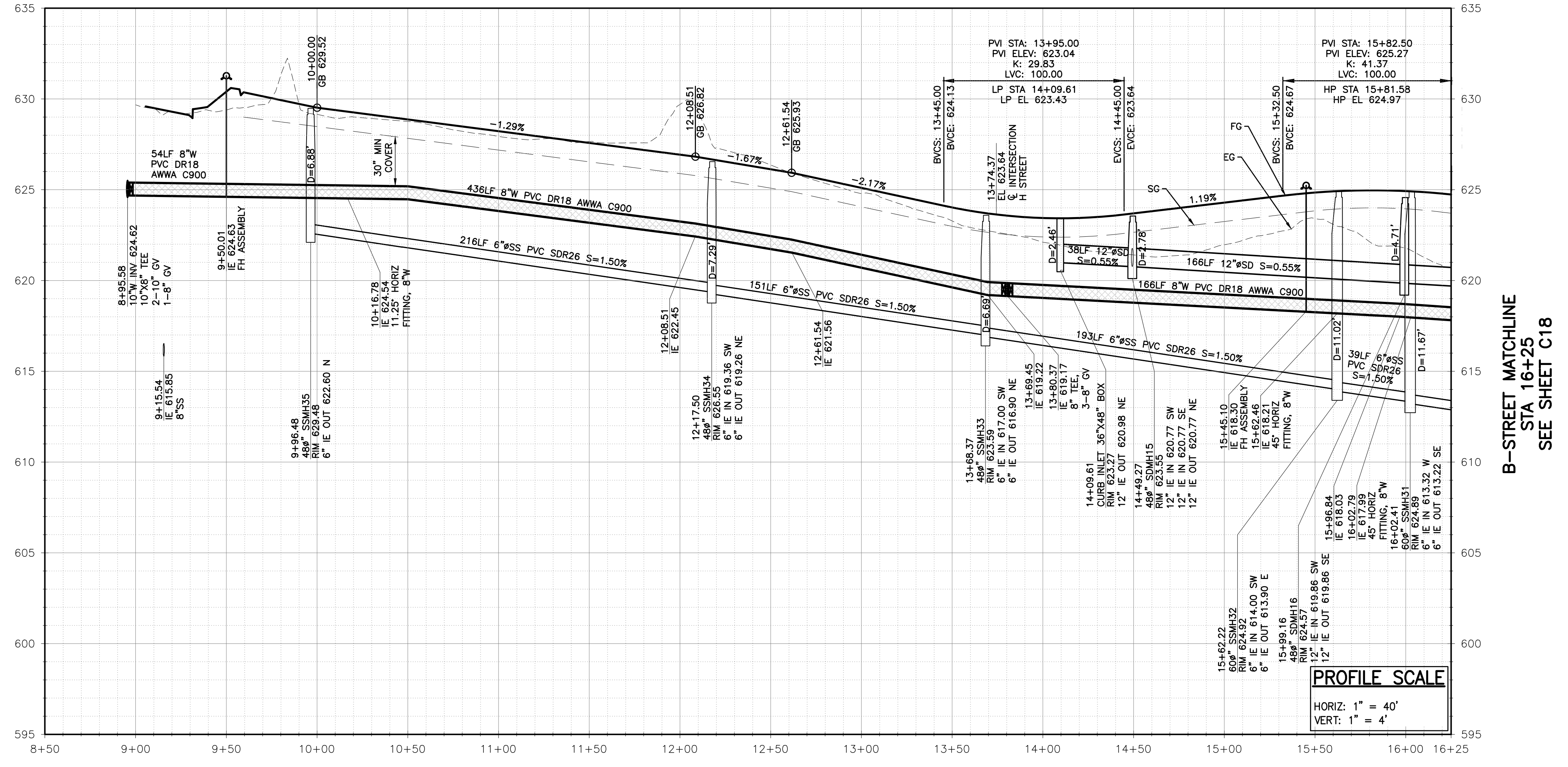
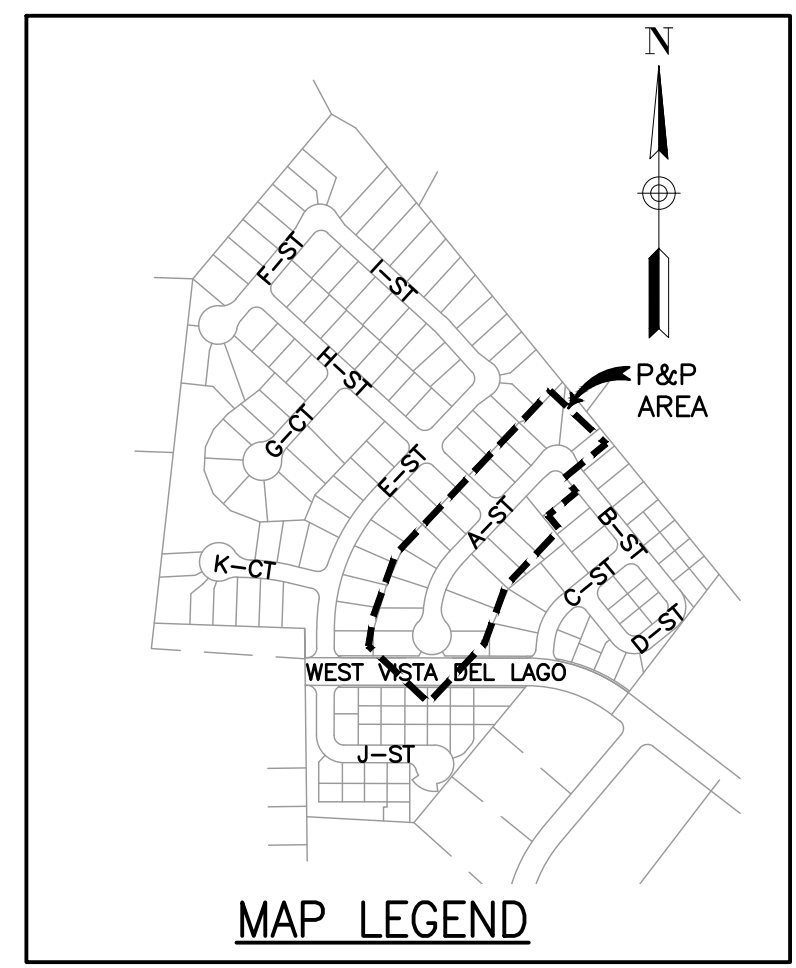
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	N0° 00' 00"E	46.81		
(C1)	N21° 43' 57"E	170.69	225.00	43°27'55"
(L2)	N43° 27' 55"E	297.30		
(C2)	N47° 09' 49"E	25.82	200.00	7°23'49"
(L3)	N50° 51' 43"E	8.55		
(C3)	S84° 08' 21"E	75.40	48.00	89°59'51"

**NOTES:**

- ALL FITTINGS SHALL HAVE THRUST BLOCK CCWD WATER DETAILS, STD. DWG. W01.
- TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
- SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.

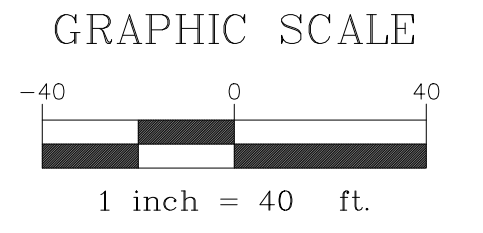
**CONSTRUCTION NOTES:**

- WATER SERVICES PER CCWD STD. DTL. W07
- MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
- FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
- WATER ARV PER CCWD STD. DTL. W05
- BO PER CCWD STD. DTL. W06 & W06A
- SEWER SERVICES PER CCWD STD. DTL. S01
- PRESSURE SEWER SERVICES PER CCWD STD. DTL. S01A
- SEWER SERVICES MANHOLE CONNECTION PER CCWD STD. DTL. S02F
- SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B
- SEWER DROP MANHOLE PER CCWD STD. DTL. S02E
- SEWER FORCE MAIN IN-LINE CLEAN OUT PER CCWD STD. DTL. S03A
- FORCE MAIN ARV PER CCWD STD. DTL. S03
- SEE SHEET C31 FOR STORM DRAIN PROFILE
- SEE SHEET C32 FOR STORM DRAIN PROFILE
- SEE SHEET C33 FOR STORM DRAIN PROFILE
- JENSEN PRECAST CURB INLET, 24"x48", SEE DETAIL 301 ON SHEET C31
- JENSEN PRECAST CURB INLET, 36"x48", SEE DETAIL G ON SHEET C31



B-STREET MATCHLINE  
 STA 16+25  
 SEE SHEET C18

**PROFILE SCALE**  
 HORIZ: 1" = 40'  
 VERT: 1" = 4'



PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 (V): 1" = 4'

REV	DATE	DESCRIPTION	APP'D

PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com

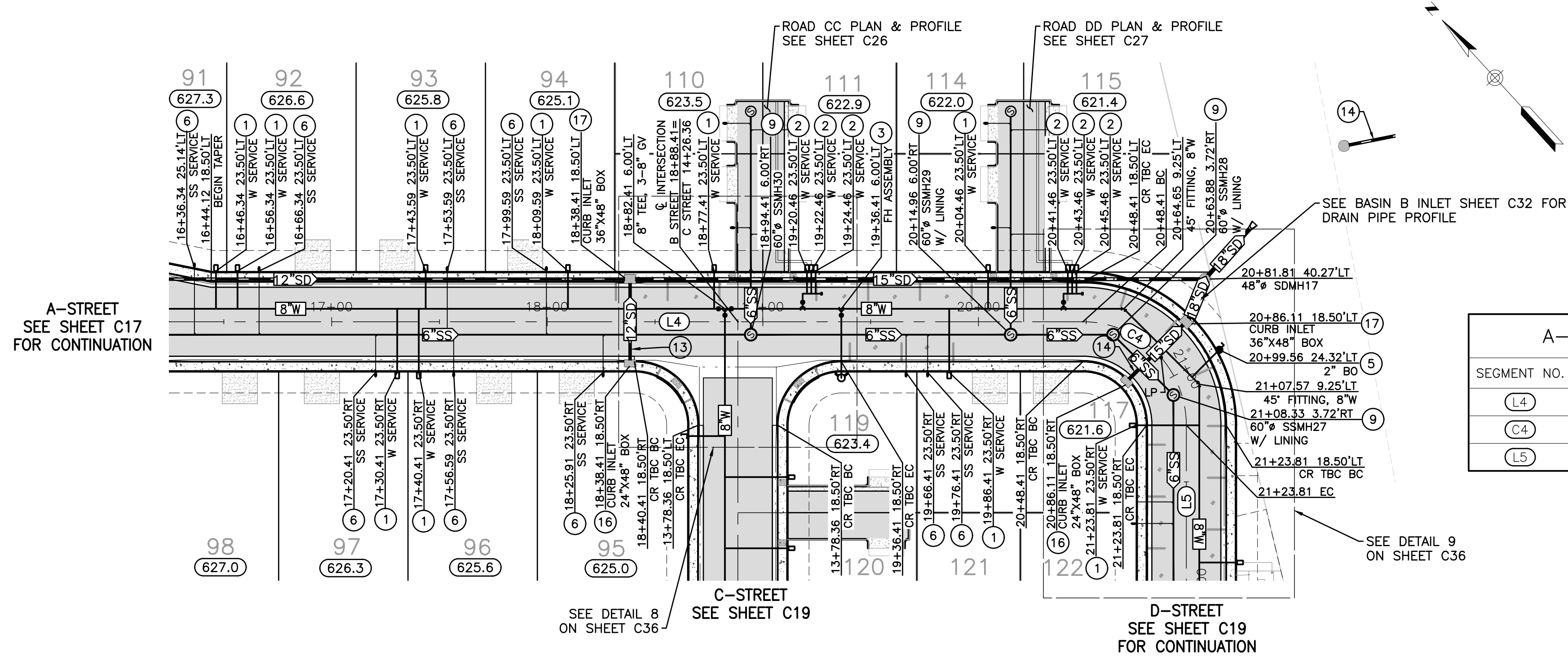
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LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**PLAN & PROFILE A-ST**  
 STA BEGIN TO 16+25

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C17  
 OF 43 SHEETS

PRINT DATE: December 5, 2022 FILENAME: C:\WORK\Projects\120000\19361\_NORTHVISTA\Plan\A-ST\Profile 1-3.dwg BY: jim.walt



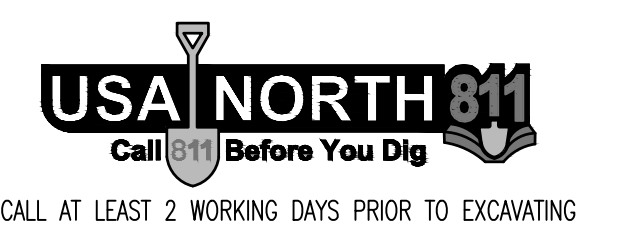
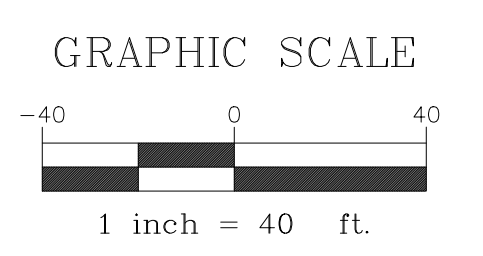
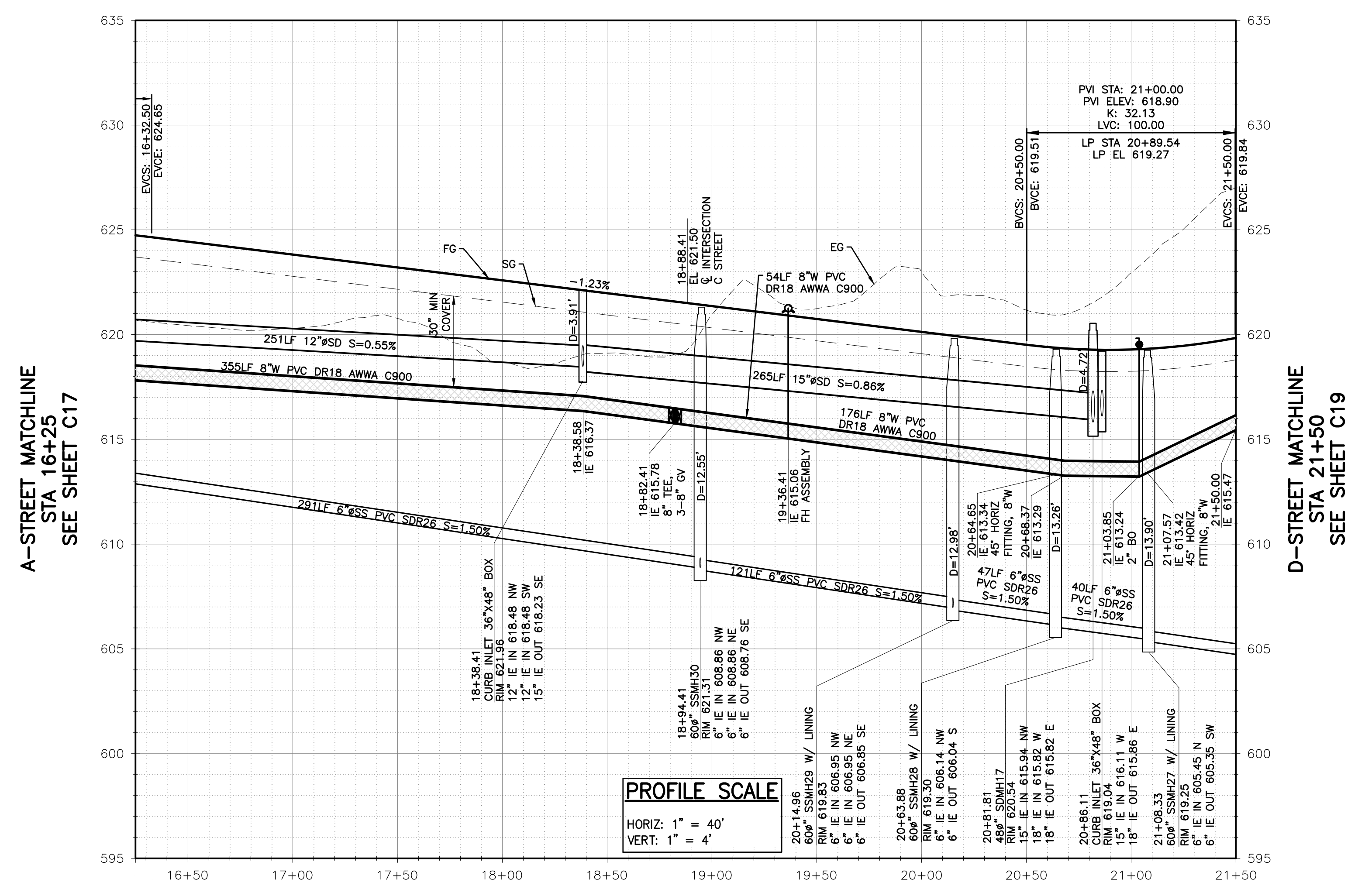
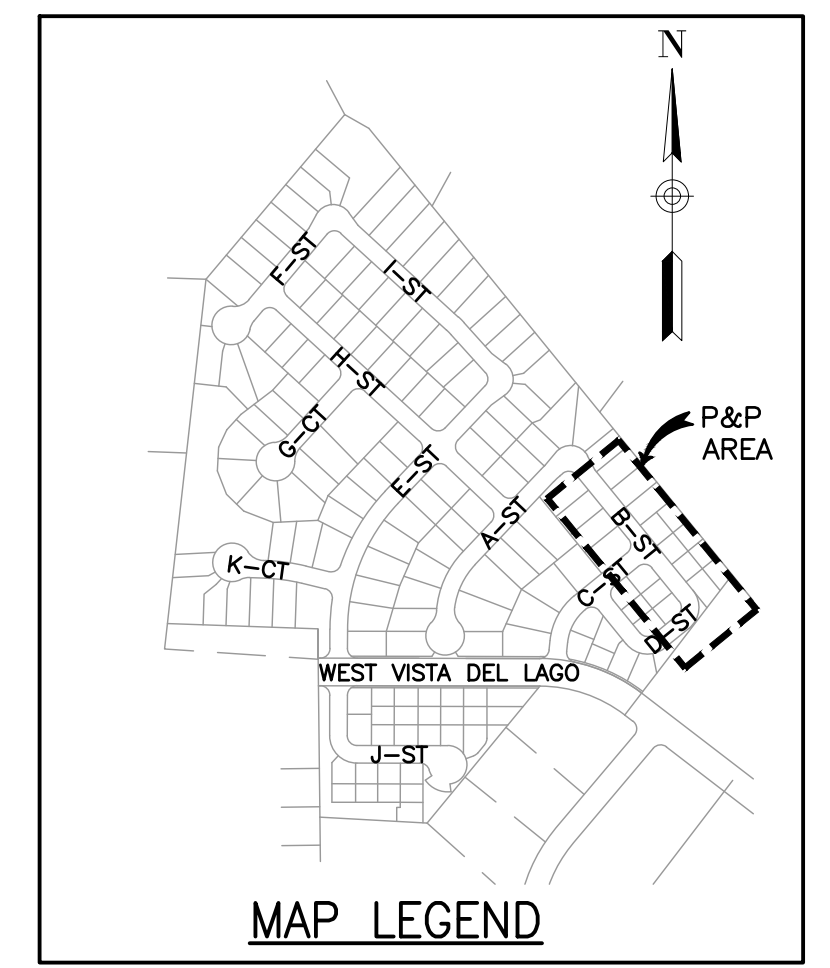
A-ST, B-ST, D-ST C DATA

SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L4)	S39° 08' 26"E	423.85		
(C4)	S5° 51' 34"W	75.40	48.00	90°00'00"
(L5)	S50° 51' 34"W	81.00		

- NOTES:**
- ALL FITTINGS SHALL HAVE THRUST BLOCK CCWD WATER DETAILS, STD. DWG. W01.
  - TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
  - SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.

**CONSTRUCTION NOTES:**

- WATER SERVICES PER CCWD STD. DTL. W07
- MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
- FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
- WATER ARV PER CCWD STD. DTL. W05
- BO PER CCWD STD. DTL. W06 & W06A
- SEWER SERVICES PER CCWD STD. DTL. S01
- PRESSURE SEWER SERVICES PER CCWD STD. DTL. S01A
- SEWER SERVICES MANHOLE CONNECTION PER CCWD STD. DTL. S02F
- SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B
- SEWER DROP MANHOLE PER CCWD STD. DTL. S02E
- SEWER FORCE MAIN IN-LINE CLEAN OUT PER CCWD STD. DTL. S03A
- FORCE MAIN ARV PER CCWD STD. DTL. S03
- SEE SHEET C31 FOR STORM DRAIN PROFILE
- SEE SHEET C32 FOR STORM DRAIN PROFILE
- SEE SHEET C33 FOR STORM DRAIN PROFILE
- JENSEN PRECAST CURB INLET, 24"x48", SEE DETAIL 301 ON SHEET C31
- JENSEN PRECAST CURB INLET, 36"x48", SEE DETAIL G ON SHEET C31



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 (V): 1" = 4'



PREPARED UNDER THE DIRECTIONS OF:

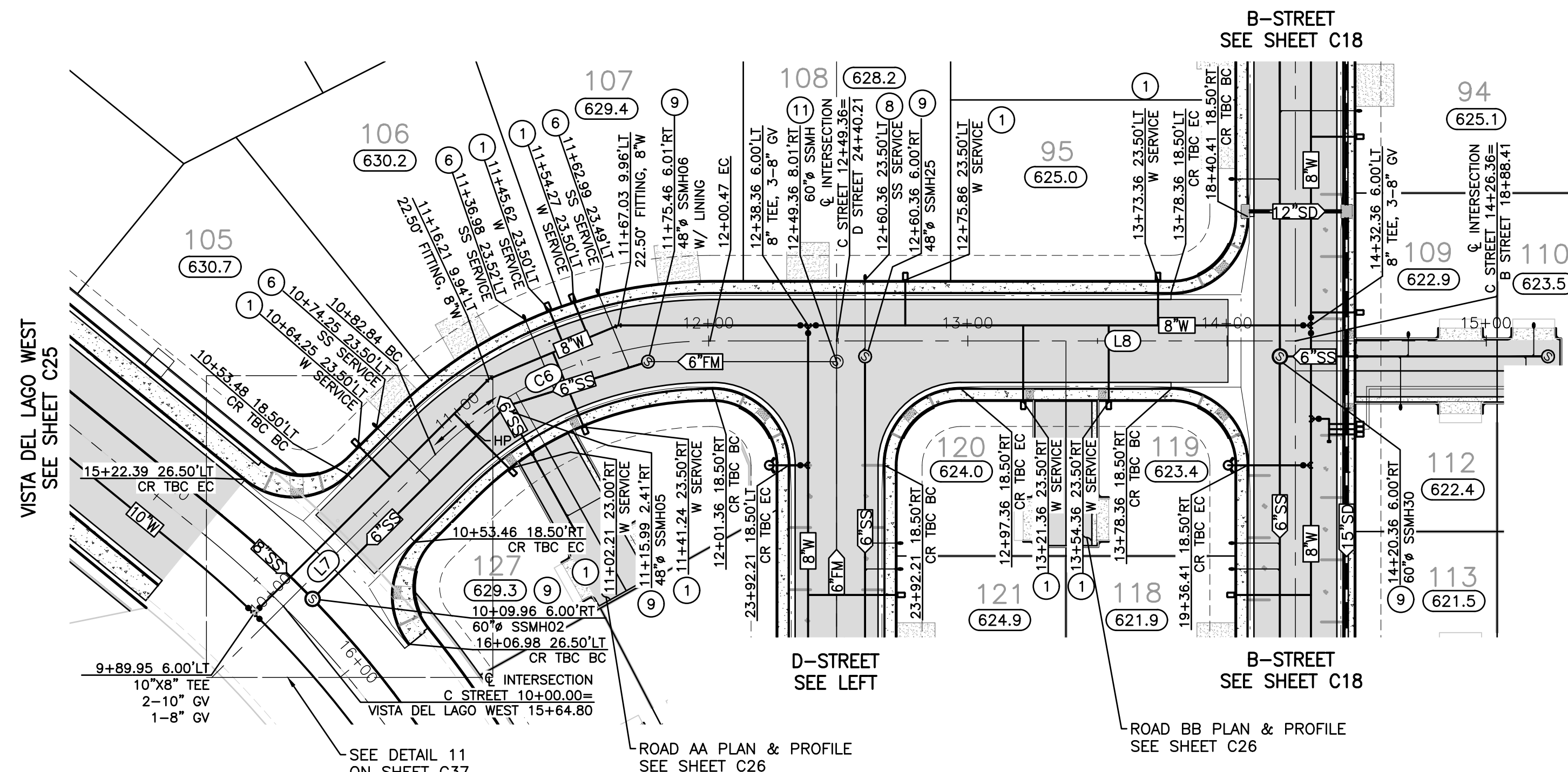
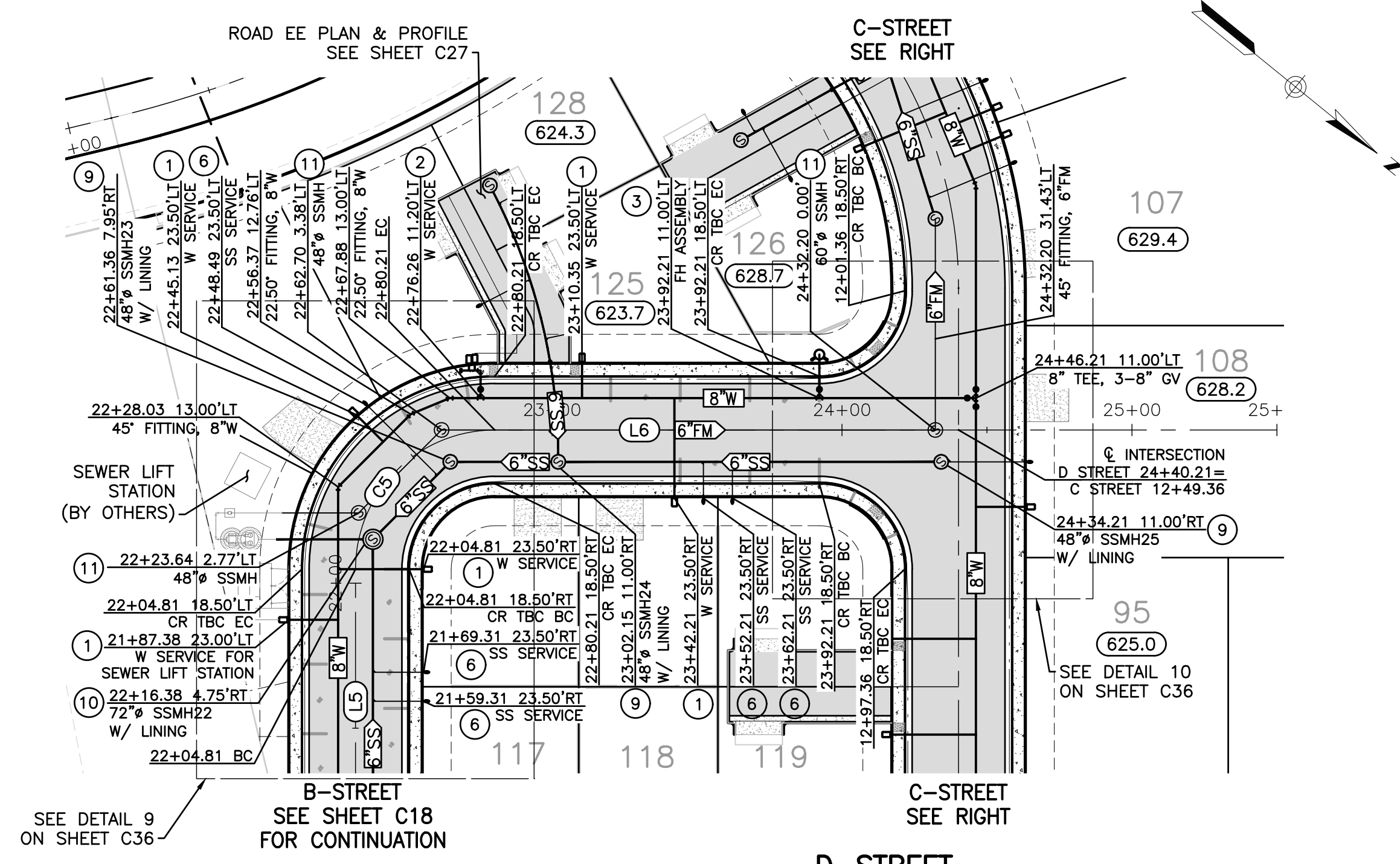
**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com

M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

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 NORTH VISTA PLAZA  
**PLAN & PROFILE B-ST**  
 STA 16+25 TO 21+50  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C18  
 OF 43 SHEETS



- CONSTRUCTION NOTES:**
- 1 WATER SERVICES PER CCWD STD. DTL. W07
  - 2 MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
  - 3 FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
  - 4 WATER ARV PER CCWD STD. DTL. W05
  - 5 BO PER CCWD STD. DTL. W06 & W06A
  - 6 SEWER SERVICES PER CCWD STD. DTL. S01
  - 7 PRESSURE SEWER SERVICES PER CCWD STD. DTL. S01A
  - 8 SEWER SERVICES MANHOLE CONNECTION PER CCWD STD. DTL. S02F
  - 9 SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B
  - 10 SEWER DROP MANHOLE PER CCWD STD. DTL. S02E
  - 11 SEWER FORCE MAIN IN-LINE CLEAN OUT PER CCWD STD. DTL. S03A
  - 12 FORCE MAIN ARV PER CCWD STD. DTL. S03
  - 13 SEE SHEET C31 FOR STORM DRAIN PROFILE
  - 14 SEE SHEET C32 FOR STORM DRAIN PROFILE
  - 15 SEE SHEET C33 FOR STORM DRAIN PROFILE
  - 16 JENSEN PRECAST CURB INLET, 24"x48", SEE DETAIL 301 ON SHEET C31
  - 17 JENSEN PRECAST CURB INLET, 36"x48", SEE DETAIL G ON SHEET C31

**A-ST, B-ST, D-ST C DATA**

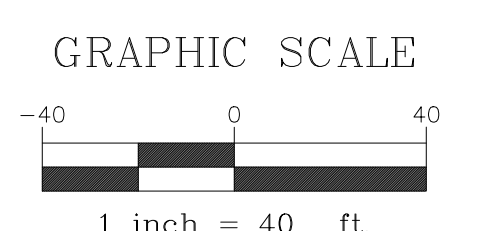
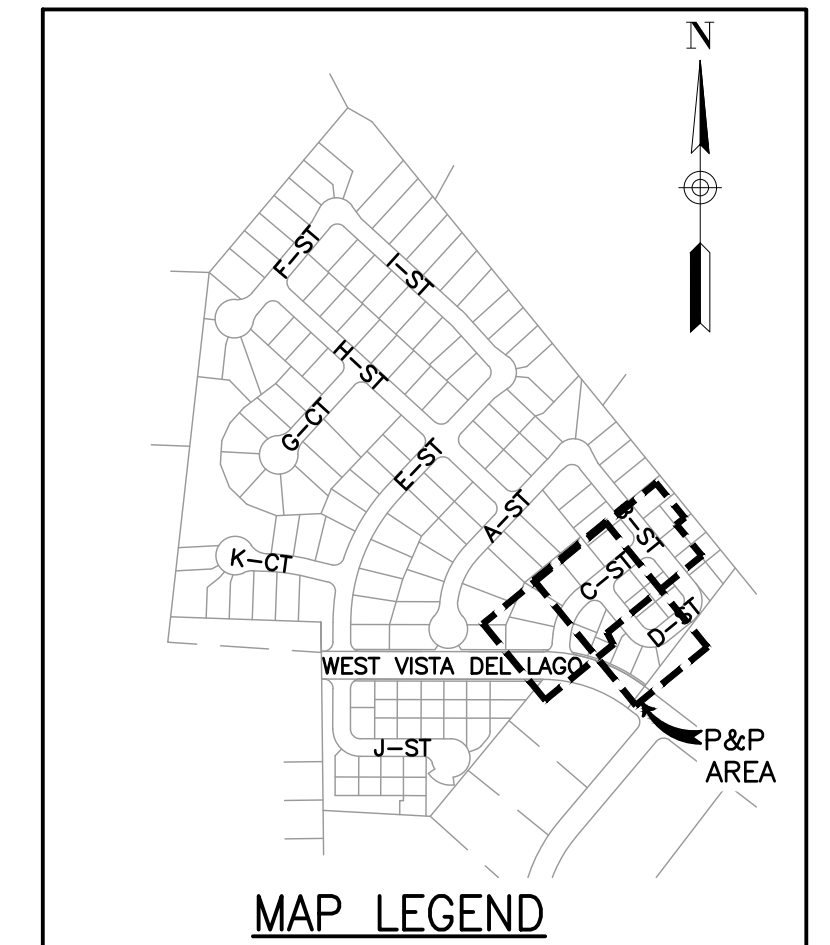
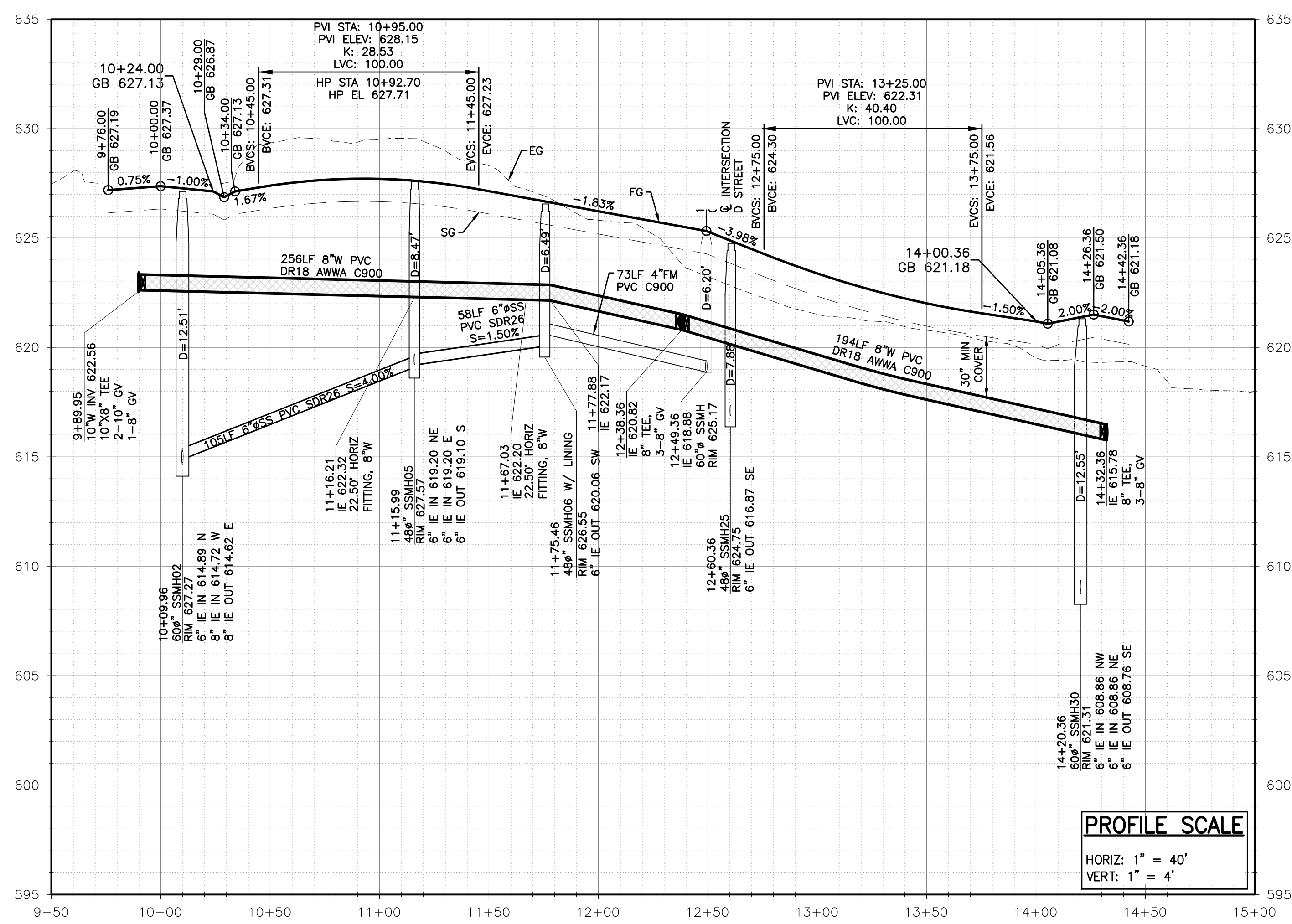
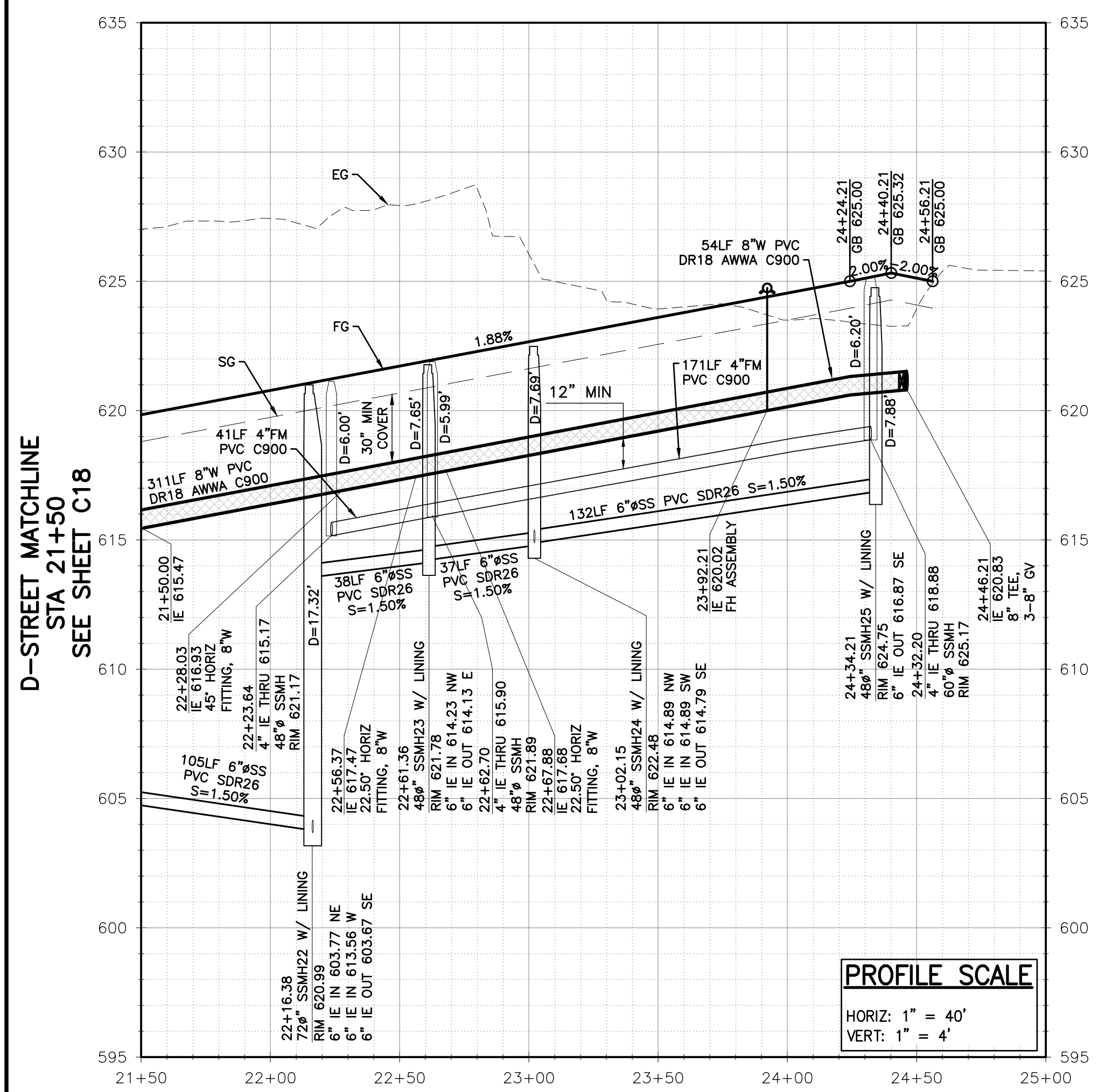
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(C5)	N84° 08' 26"W	75.40	48.00	90°00'00"
(L6)	N39° 08' 26"W	160.00		

**C-STREET C DATA**

SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L7)	N5° 55' 38"E	82.84		
(C6)	N28° 23' 36"E	117.63	150.00	44°55'56"
(L8)	N50° 51' 34"E	225.89		

**NOTES:**

1. ALL FITTINGS SHALL HAVE THRUST BLOCK CCWD WATER DETAILS, STD. DWG. W01.
2. TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
3. SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 (V): 1" = 4'



PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com

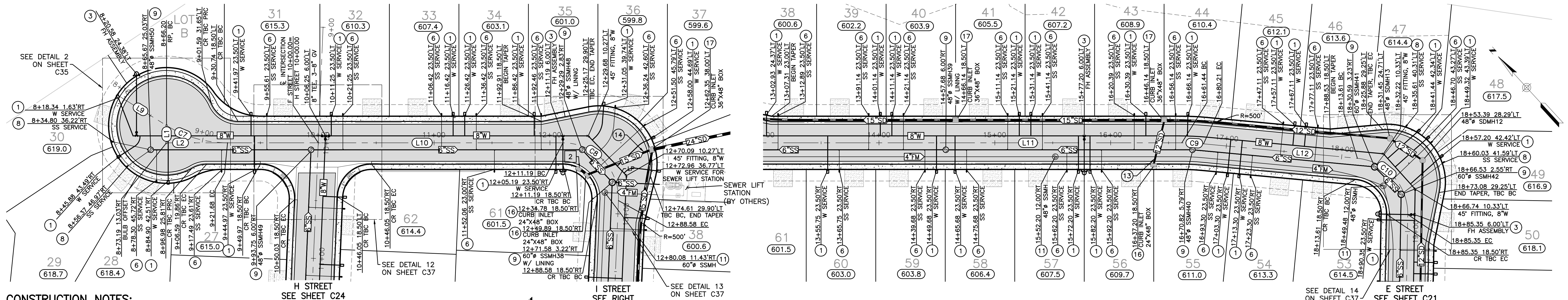
M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

**RICK ENGINEERING COMPANY**  
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 rickengineering.com  
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**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**PLAN & PROFILE D-ST & C-ST**  
 STA 21+50 TO END & C ST

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C19  
 OF 43 SHEETS



**CONSTRUCTION NOTES:**

- 1 WATER SERVICES PER CCWD STD. DTL. W07
- 2 MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
- 3 FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
- 4 WATER ARV PER CCWD STD. DTL. W05
- 5 BO PER CCWD STD. DTL. W06 & W06A
- 6 SEWER SERVICES PER CCWD STD. DTL. S01
- 7 PRESSURE SEWER SERVICES PER CCWD STD. DTL. S01A
- 8 SEWER SERVICES MANHOLE CONNECTION PER CCWD STD. DTL. S02F
- 9 SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B
- 10 SEWER DROP MANHOLE PER CCWD STD. DTL. S02E
- 11 SEWER FORCE MAIN IN-LINE CLEAN OUT PER CCWD STD. DTL. S03A
- 12 FORCE MAIN ARV PER CCWD STD. DTL. S03
- 13 SEE SHEET C31 FOR STORM DRAIN PROFILE
- 14 SEE SHEET C32 FOR STORM DRAIN PROFILE
- 15 SEE SHEET C33 FOR STORM DRAIN PROFILE
- 16 JENSEN PRECAST CURB INLET, 24"x48", SEE DETAIL 301 ON SHEET C31
- 17 JENSEN PRECAST CURB INLET, 36"x48", SEE DETAIL G ON SHEET C31

**F-STREET**

**NOTES:**

- 1. ALL FITTINGS SHALL HAVE THRUST BLOCK CCWD WATER DETAILS, STD. DWG. W01.
- 2. TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
- 3. SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.

**DRAIN INLETS**

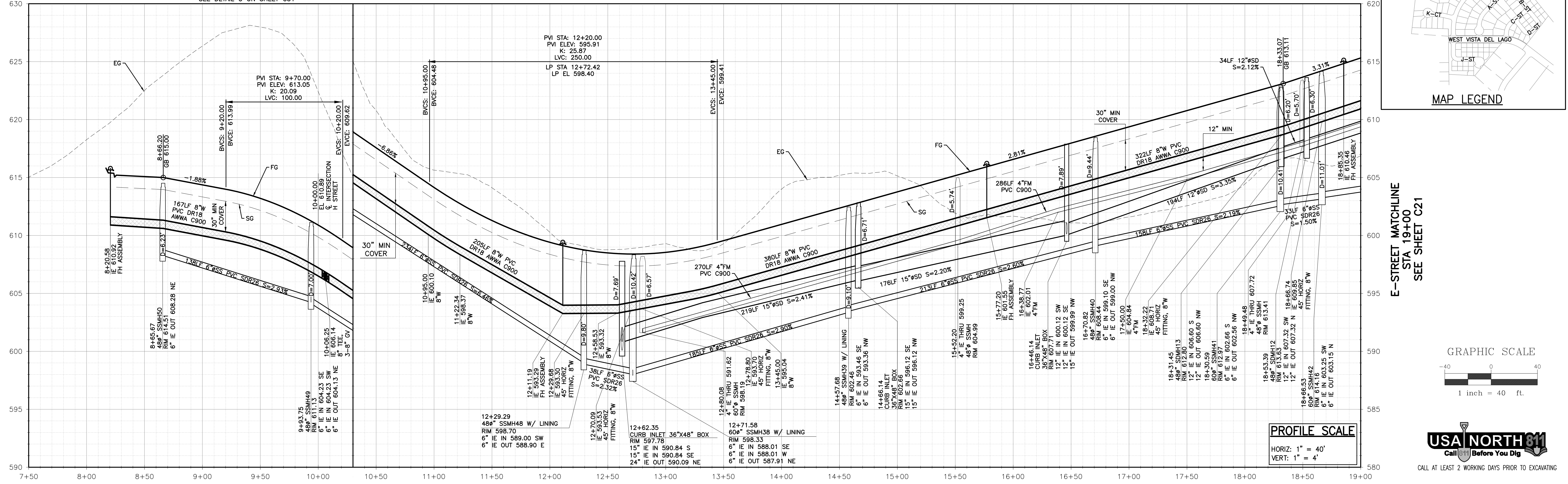
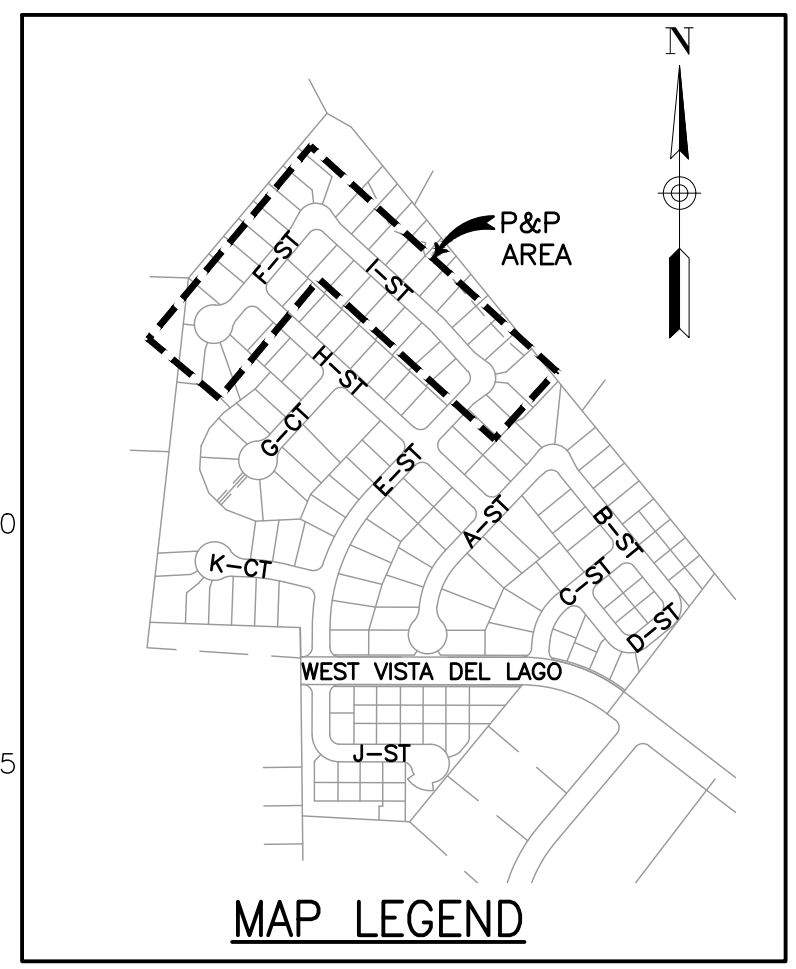
- 2 CURB INLET 24"x48" BOX RIM 595.65 15" IE OUT=591.13 CONNECT TO CURB INLET W/ 5LF @ S=0.50%

F STREET BULB		
SEGMENT NO.	BEARING	LENGTH
L1	S49°54'35"E	15.00'
L2	N40°05'25"E	52.68'

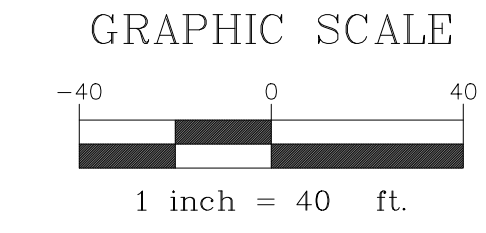
**F-ST, I-ST, E-ST, J-ST Q DATA**

SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
L9	N71° 52' 43"E	50.00		
C7	N55° 59' 04"E	55.48	100.00	57°17'45"
L10	N40° 05' 25"E	289.51		
C8	N86° 16' 40"E	77.39	48.00	119°21'58"
L11	S47° 32' 05"E	372.86		
C9	S44° 50' 48"E	18.77	200.00	28°38'52"
L12	S42° 09' 30"E	133.41		
C10	S0° 39' 12"W	71.73	48.00	119°21'58"

**I-STREET**



**PROFILE SCALE**  
HORIZ: 1" = 40'  
VERT: 1" = 4'



REV	DATE	DESCRIPTION	APP'D

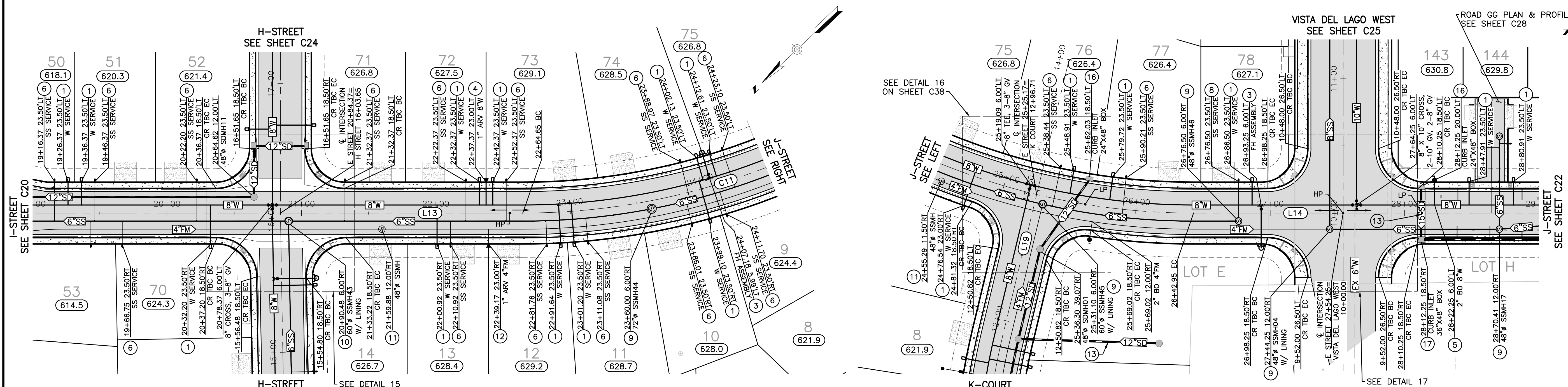
PRELIMINARY NOT FOR CONSTRUCTION  
DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): 1" = 40'  
(V): 1" = 4'

PREPARED UNDER THE DIRECTIONS OF:  
**RICK ENGINEERING COMPANY**  
No. 52504  
CIVIL  
M. SCOTT LILLIBRIDGE, P.E.  
RICE 52504

**RICK ENGINEERING COMPANY**  
2525 EAST BIDWELL STREET  
FOLSOM, CA 95630  
916.638.8200  
rickengineering.com  
San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver

**LGI HOMES - CALIFORNIA, LLC**  
NORTH VISTA PLAZA  
**PLAN & PROFILE F-ST & I-ST**  
STA BEGIN TO 19+00  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
JOB NUMBER: 19361  
SHEET NUMBER: C20  
OF 43 SHEETS



F-ST, I-ST, E-ST, J-ST @ DATA

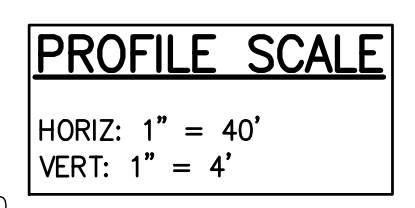
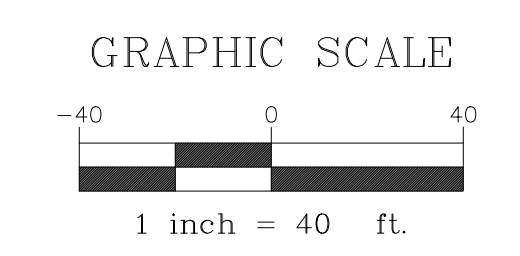
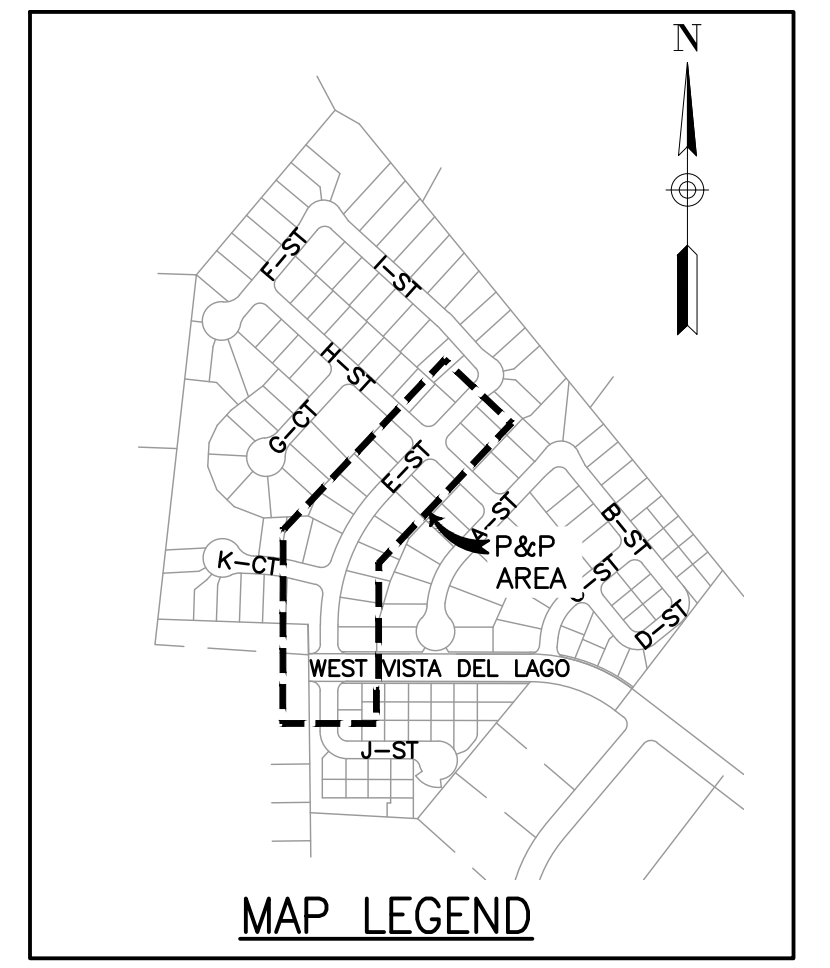
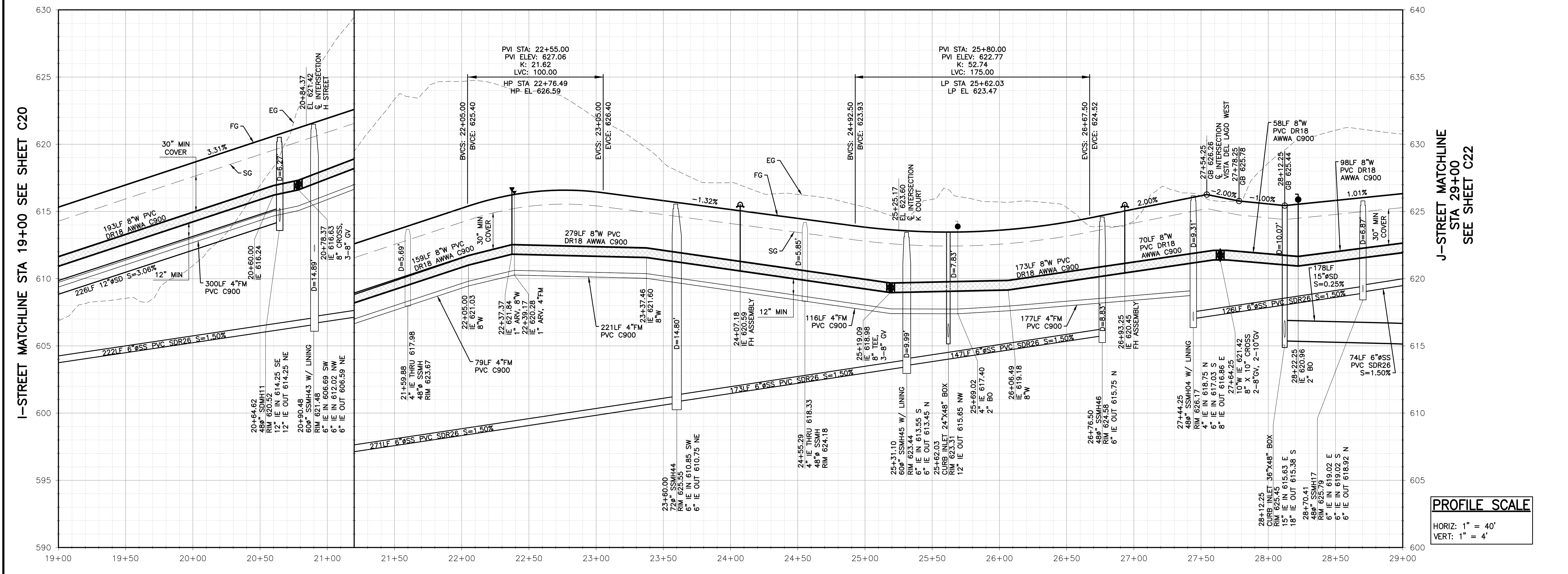
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L13)	S43° 27' 55"W	379.31		
(C1)	S21° 47' 25"W	378.30	500.00	11°27'33"
(L14)	S0° 06' 56"W	277.53		

**CONSTRUCTION NOTES:**

- 1 WATER SERVICES PER CCWD STD. DTL. W07
- 2 MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
- 3 FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
- 4 WATER ARV PER CCWD STD. DTL. W05
- 5 BO PER CCWD STD. DTL. W06 & W06A
- 6 SEWER SERVICES PER CCWD STD. DTL. S01
- 7 PRESSURE SEWER SERVICES PER CCWD STD. DTL. S01A
- 8 SEWER SERVICES MANHOLE CONNECTION PER CCWD STD. DTL. S02F
- 9 SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B
- 10 SEWER DROP MANHOLE PER CCWD STD. DTL. S02E
- 11 SEWER FORCE MAIN IN-LINE CLEAN OUT PER CCWD STD. DTL. S03A
- 12 FORCE MAIN ARV PER CCWD STD. DTL. S03
- 13 SEE SHEET C31 FOR STORM DRAIN PROFILE
- 14 SEE SHEET C32 FOR STORM DRAIN PROFILE
- 15 SEE SHEET C33 FOR STORM DRAIN PROFILE
- 16 JENSEN PRECAST CURB INLET, 24"x48", SEE DETAIL G ON SHEET C31
- 17 JENSEN PRECAST CURB INLET, 36"x48", SEE DETAIL G ON SHEET C31

**NOTES:**

1. ALL FITTINGS SHALL HAVE THRUST BLOCK CCWD WATER DETAILS, STD. DWG. W01.
2. TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
3. SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.



REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 (V): 1" = 4'

PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

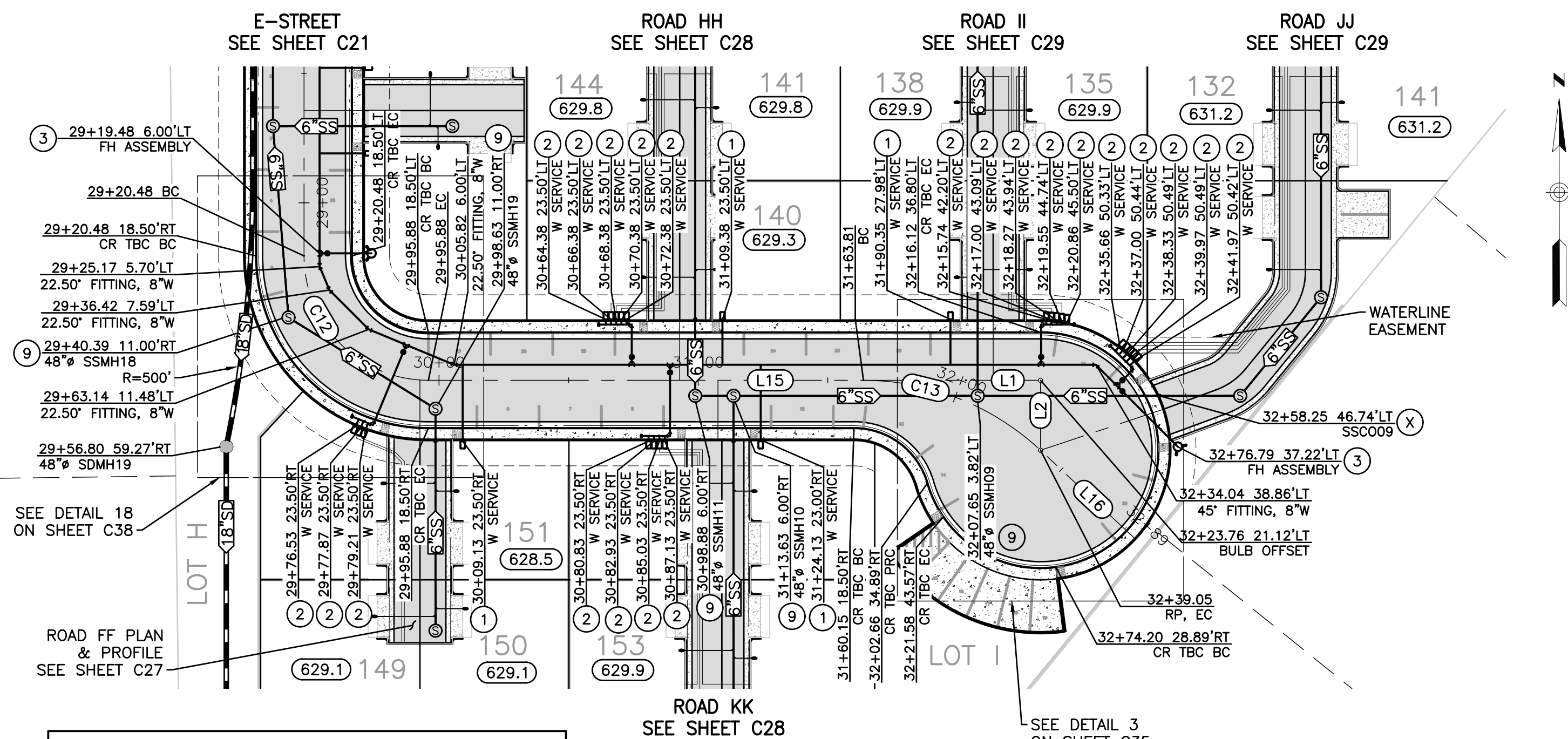
**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com  
 San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver

LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**PLAN & PROFILE E-ST & J-ST**  
 STA 19+00 TO 29+00

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C21  
 OF 43 SHEETS





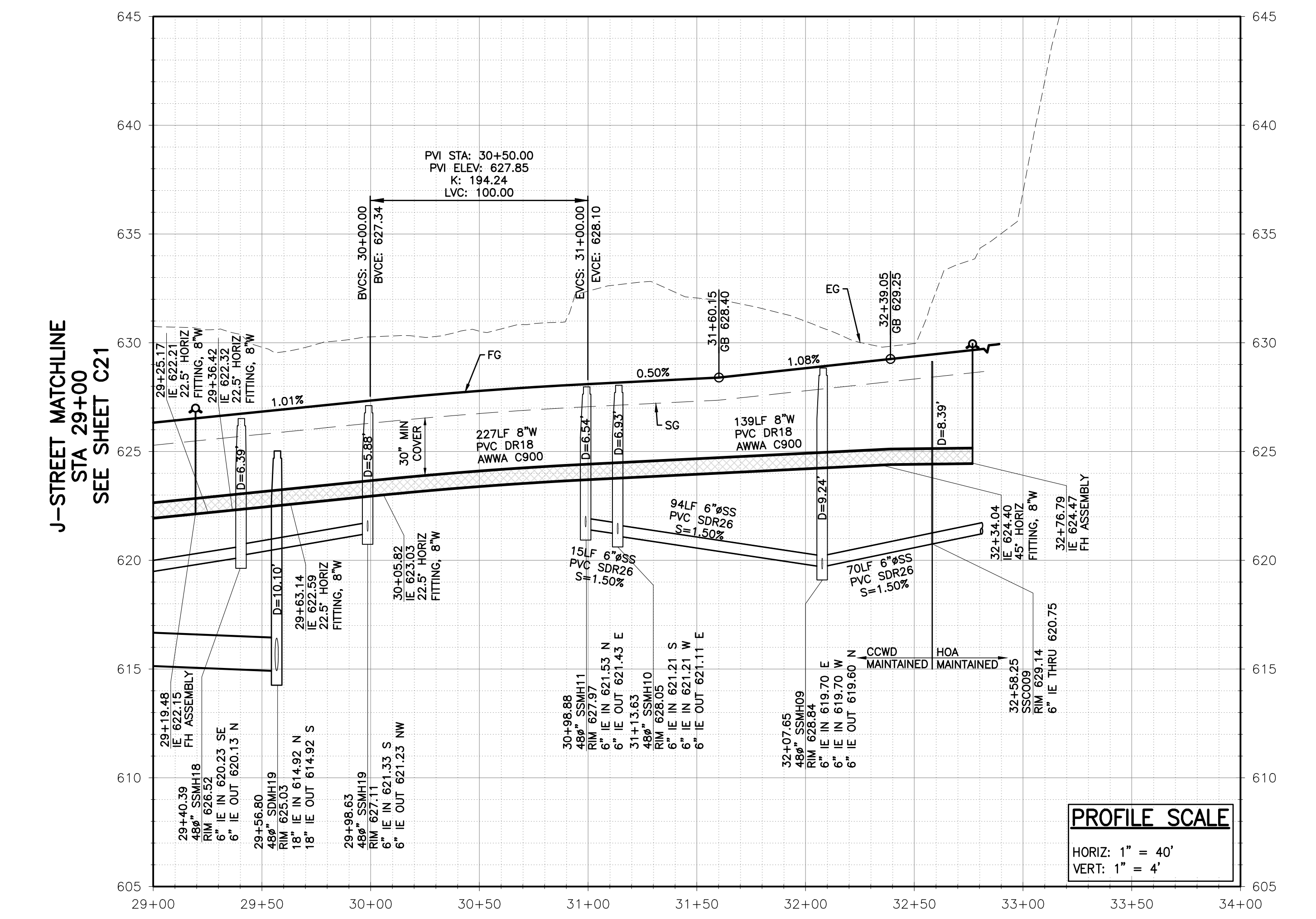
**F-ST, I-ST, E-ST, J-ST & DATA**

SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(C12)	S44° 53' 04"E	75.40	48.00	119°21'58"
(L15)	S89° 53' 04"E	167.92		
(C13)	S68° 19' 39"E	75.25	100.00	57°17'45"
(L16)	S46° 46' 15"E	50.00		

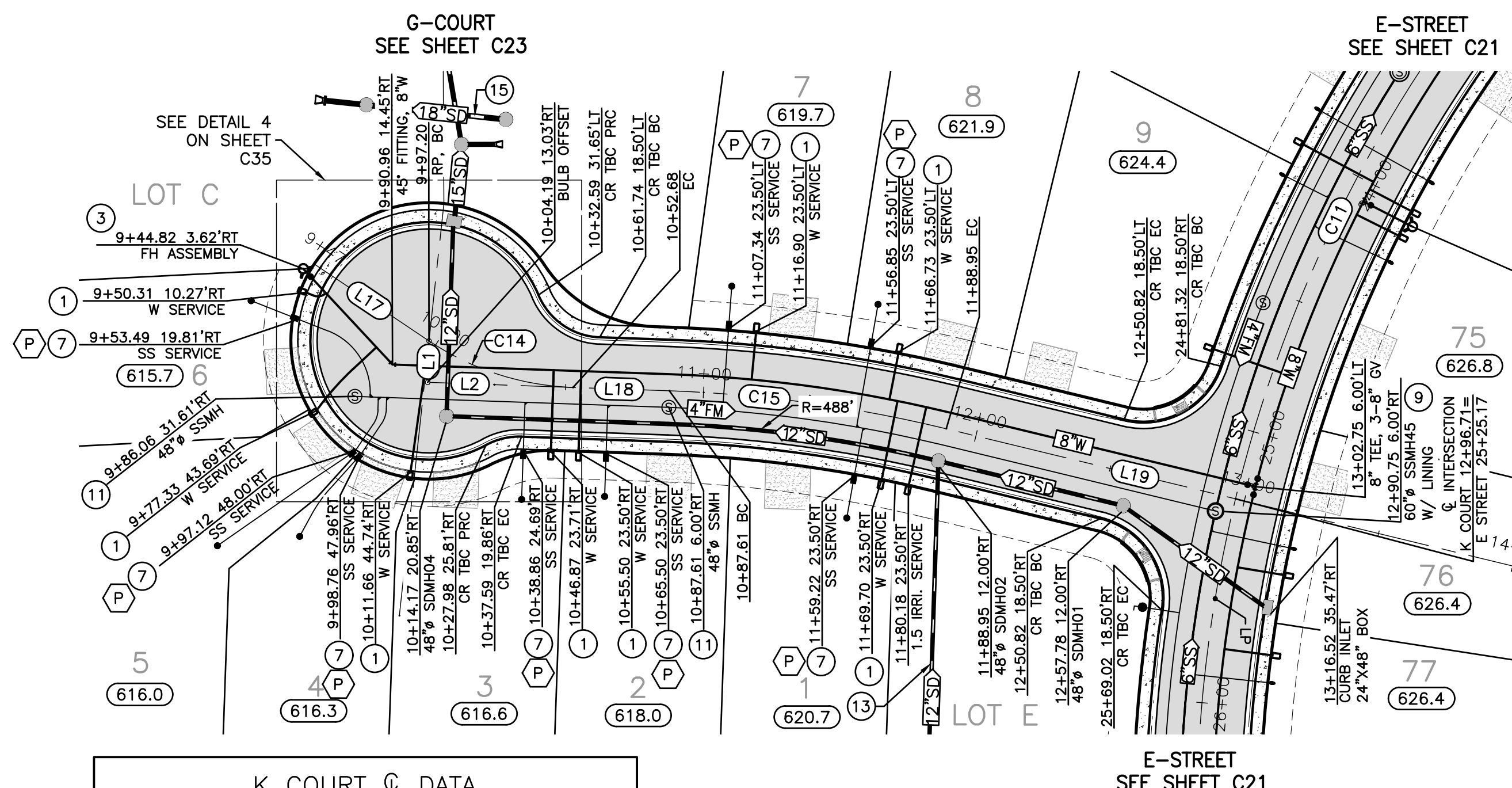
**J-STREET**

**J STREET BULB**

SEGMENT NO.	BEARING	LENGTH
(L1)	S89°53'04"E	68.34'
(L2)	S0°06'56"W	27.00'



**J-STREET MATCHLINE**  
STA 29+00  
SEE SHEET C21



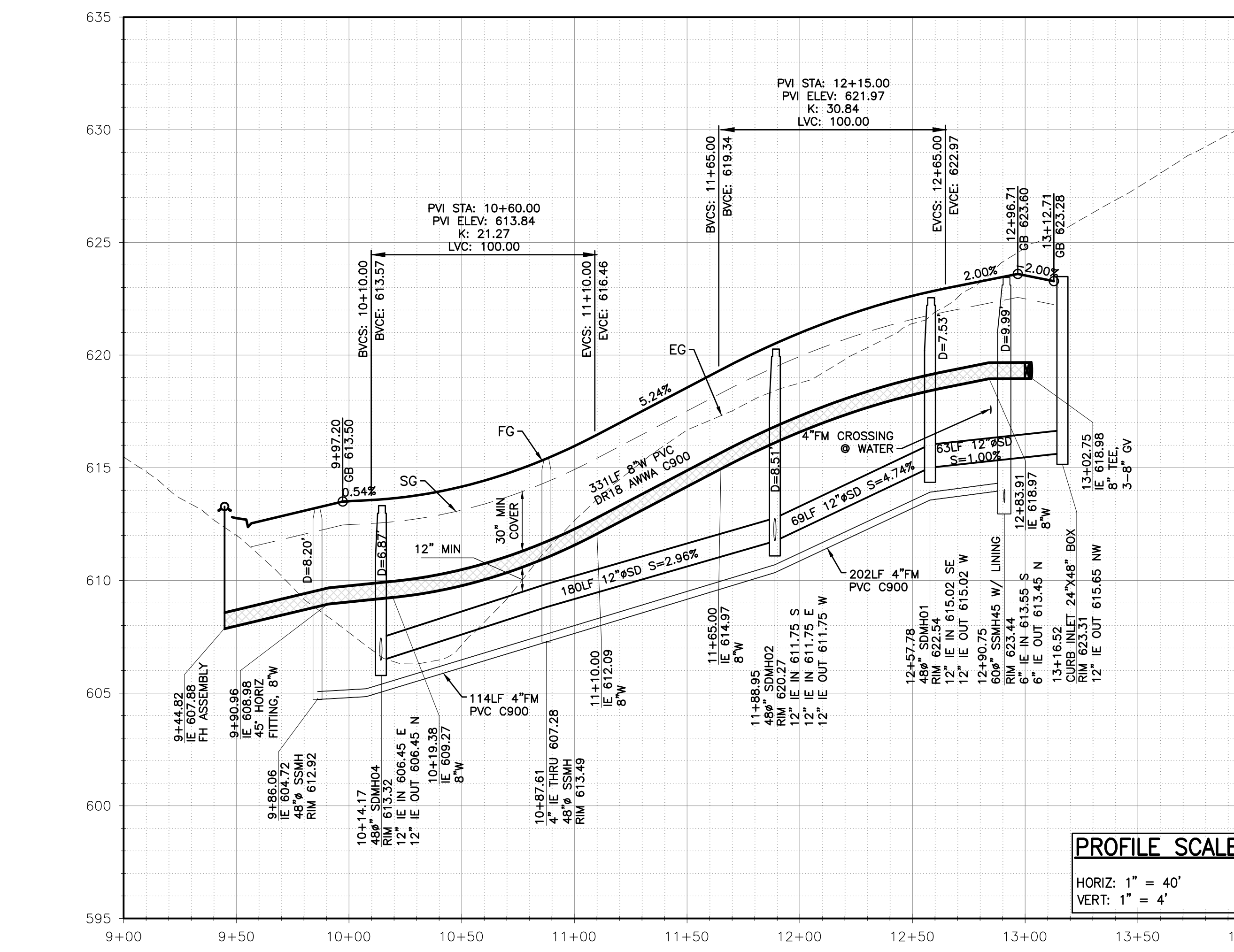
**K COURT & DATA**

SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L17)	S56° 12' 45"E	50.00		
(C14)	S72° 06' 24"E	55.48	100.00	57°17'45"
(L18)	S88° 00' 03"E	34.93		
(C15)	S82° 11' 39"E	101.35	500.00	11°27'33"
(L19)	S76° 23' 15"E	107.76		

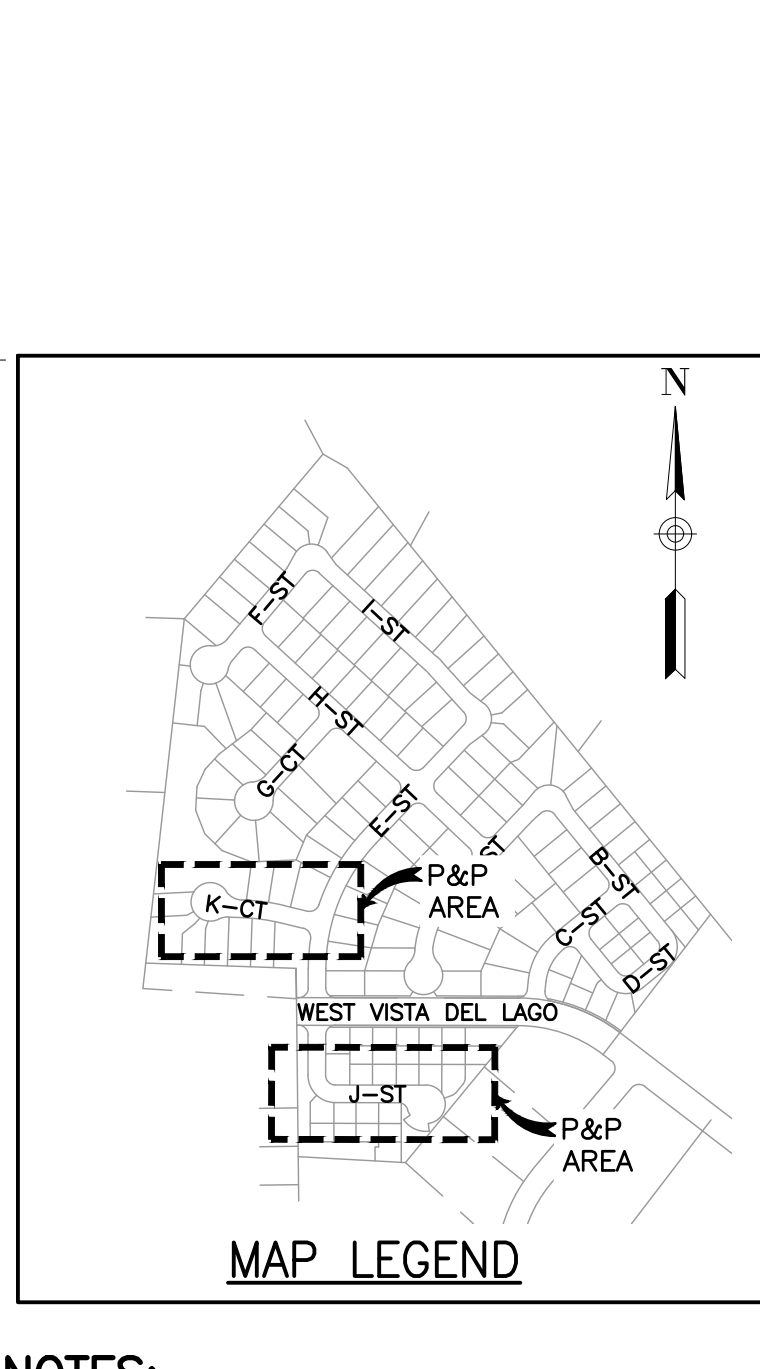
**K-COURT**

**K STREET BULB**

SEGMENT NO.	BEARING	LENGTH
(L1)	S1°59'57"W	15.00'
(L2)	S88°00'03"E	52.68'

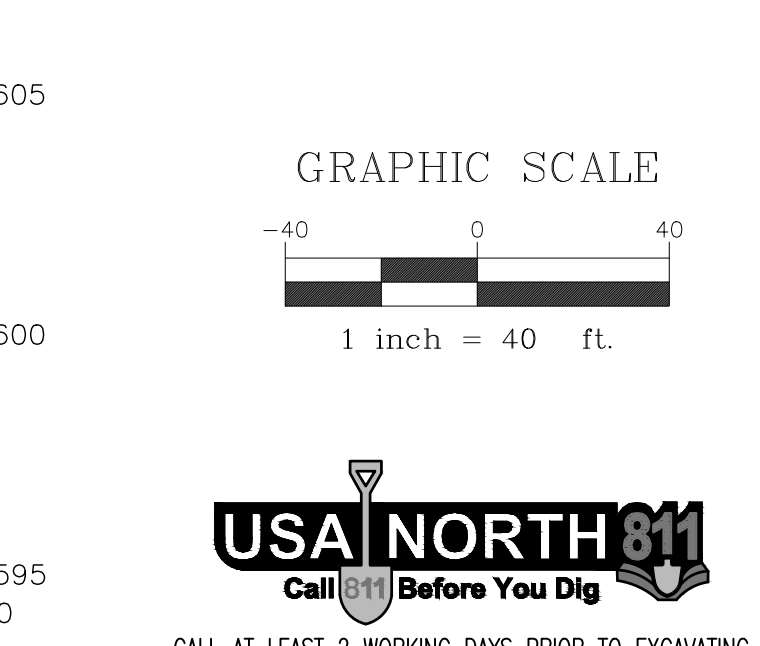


**K-COURT**



- NOTES:**
- ALL FITTINGS SHALL HAVE THRUST BLOCK CCWD WATER DETAILS, STD. DWG. W01.
  - TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
  - SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.

- CONSTRUCTION NOTES:**
- WATER SERVICES PER CCWD STD. DTL. W07
  - MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
  - FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
  - WATER ARV PER CCWD STD. DTL. W05
  - BO PER CCWD STD. DTL. W06 & W06A
  - SEWER SERVICES PER CCWD STD. DTL. S01
  - PRESSURE SEWER SERVICES PER CCWD STD. DTL. S01A
  - SEWER SERVICES MANHOLE CONNECTION PER CCWD STD. DTL. S02F
  - SEWER SERVICES MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B
  - SEWER DROP MANHOLE PER CCWD STD. DTL. S02E
  - SEWER FORCE MAIN IN-LINE CLEAN OUT PER CCWD STD. DTL. S03A
  - FORCE MAIN ARV PER CCWD STD. DTL. S03
  - SEE SHEET C31 FOR STORM DRAIN PROFILE
  - SEE SHEET C32 FOR STORM DRAIN PROFILE
  - SEE SHEET C33 FOR STORM DRAIN PROFILE
  - JENSEN PRECAST CURB INLET, 24"x48", SEE DETAIL 301 ON SHEET C31
  - JENSEN PRECAST CURB INLET, 36"x48", SEE DETAIL G ON SHEET C31



PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): 1" = 40'  
(V): 1" = 4'

REGISTERED PROFESSIONAL ENGINEER  
M. SCOTT LILLIBRIDGE  
No. 52504  
CIVIL  
STATE OF CALIFORNIA

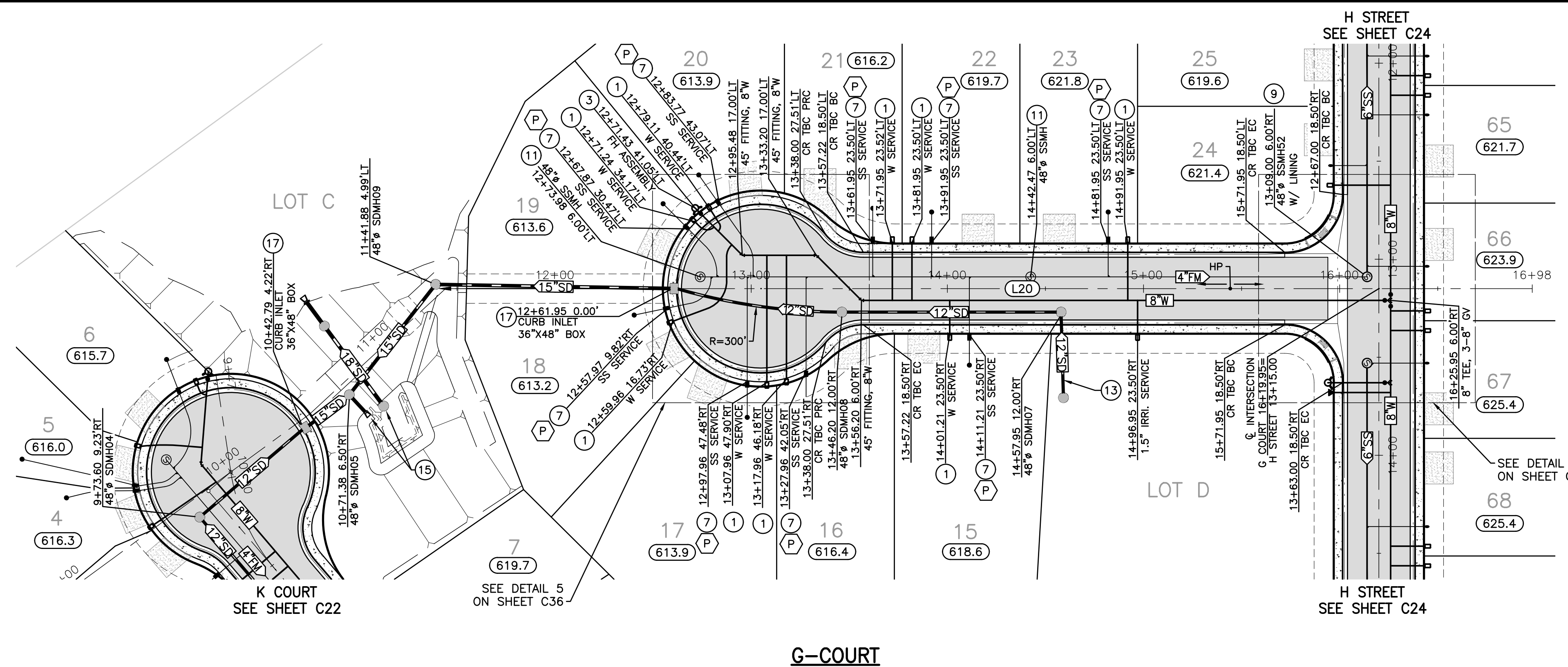
PREPARED UNDER THE DIRECTIONS OF:  
M. SCOTT LILLIBRIDGE, P.E.  
RCE 52504

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LGI HOMES - CALIFORNIA, LLC  
NORTH VISTA PLAZA  
**PLAN & PROFILE J-ST & K-CT**  
STA 29+00 TO END & K-CT

DATE: 12/03/2022  
JOB NUMBER: 19361  
SHEET NUMBER: C22  
OF 43 SHEETS

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA



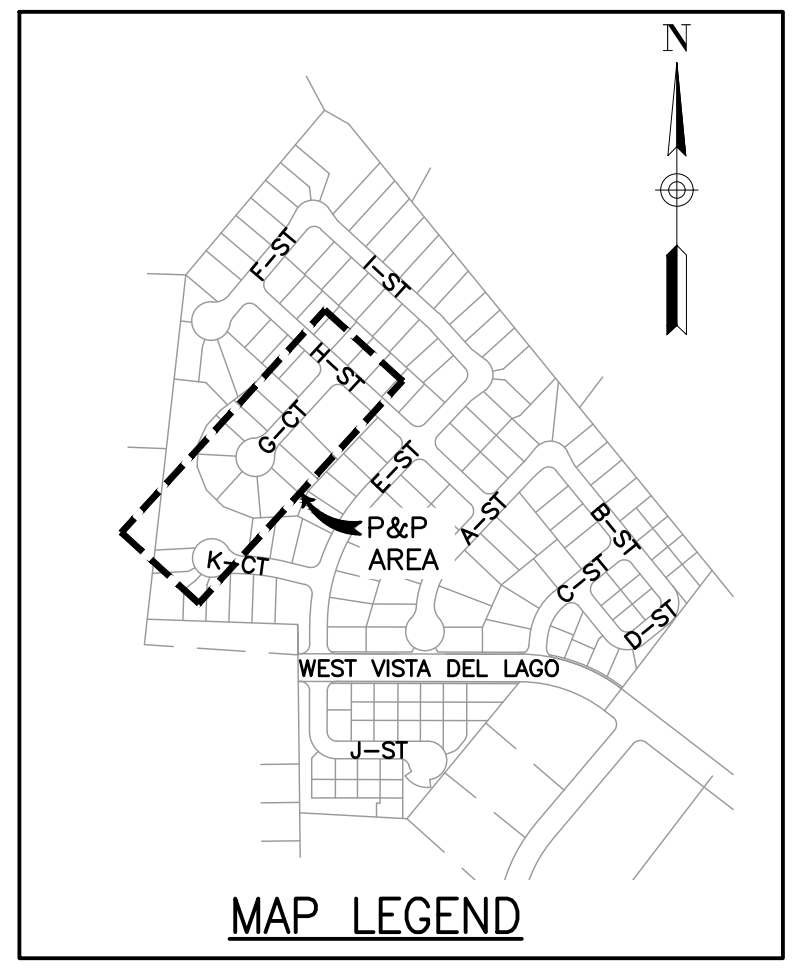
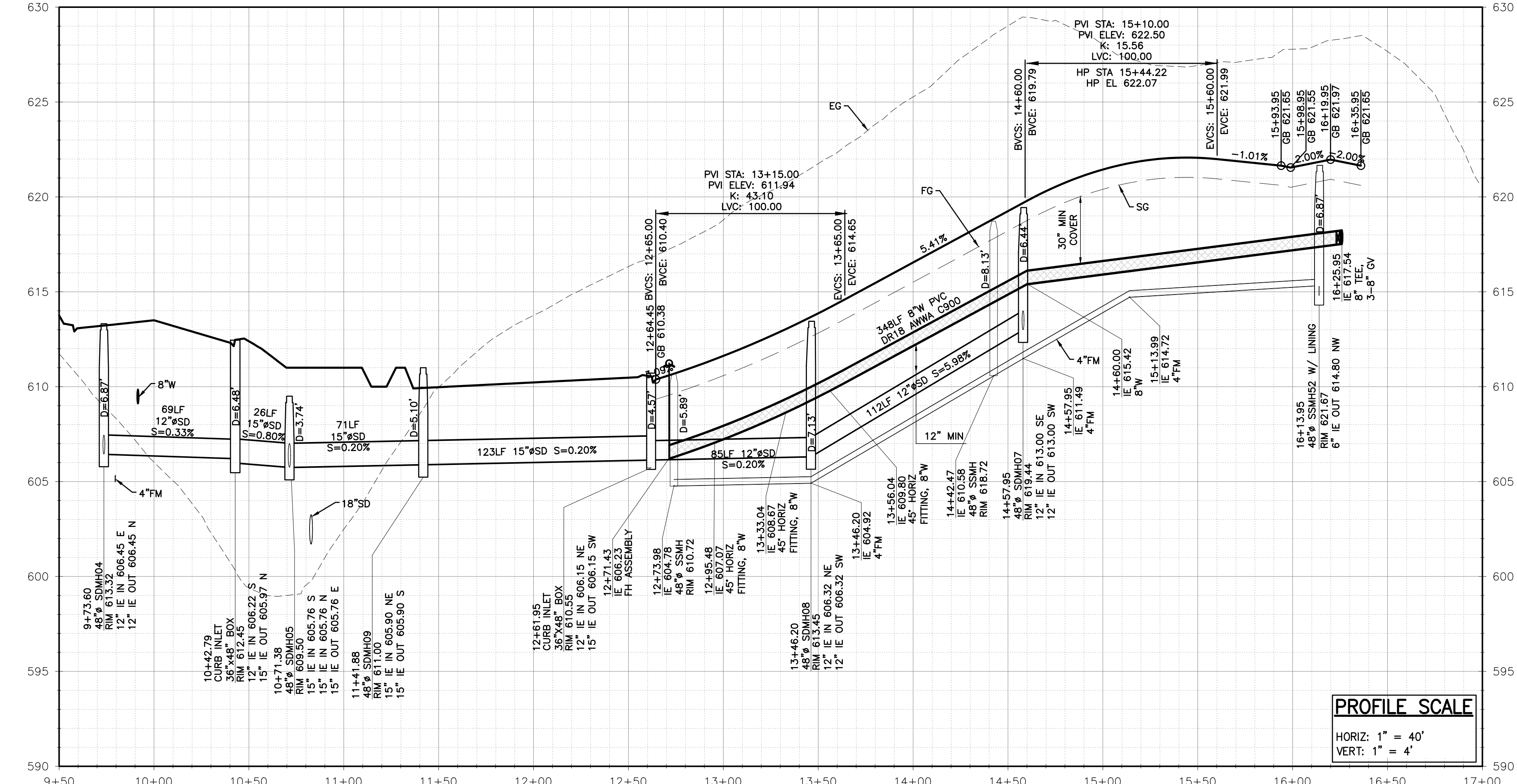
**NOTES:**

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2. TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
3. SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.

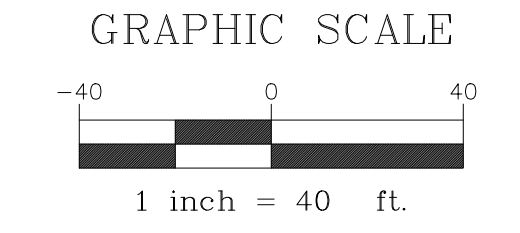
**CONSTRUCTION NOTES:**

- 1 WATER SERVICES PER CCWD STD. DTL. W07
- 2 MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
- 3 FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
- 4 WATER ARV PER CCWD STD. DTL. W05
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- 6 SEWER SERVICES PER CCWD STD. DTL. S01
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- 17 JENSEN PRECAST CURB INLET, 36"X48", SEE DETAIL G ON SHEET C31

G COURT CL DATA				
SEGMENT NO	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L20)	N42° 27' 55"E	315.00		



MAP LEGEND



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 SCALE (V): 1" = 4'

PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com

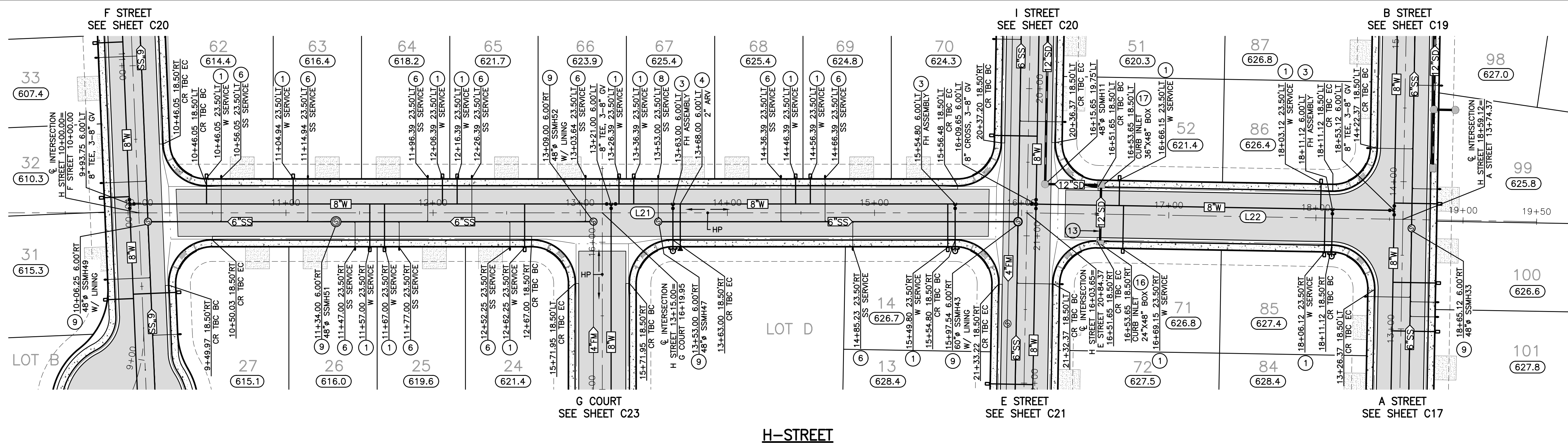
M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**PLAN & PROFILE G-CT**  
 BEGIN TO END

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C23  
 OF 43 SHEETS

CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

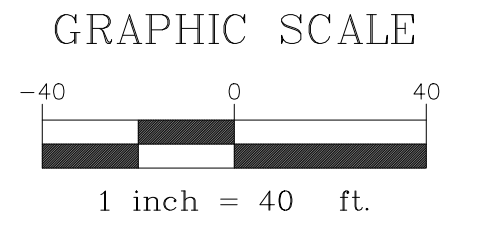
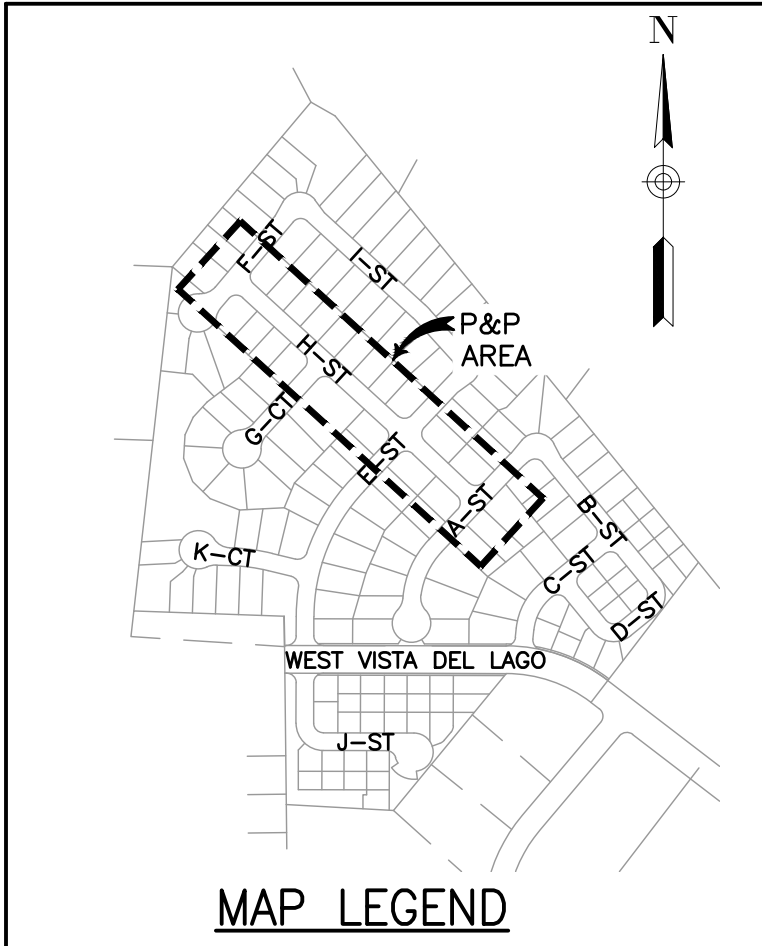
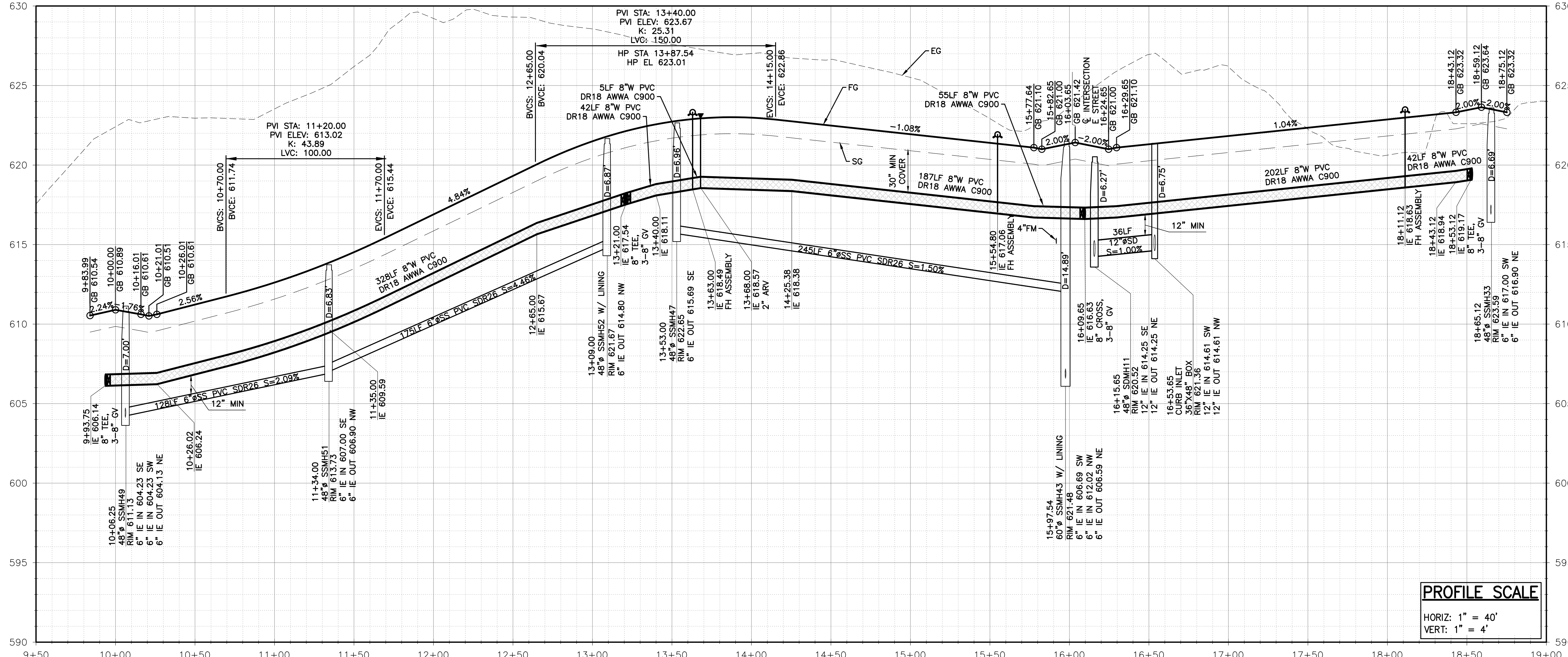


- NOTES:**
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  - TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
  - SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.

- CONSTRUCTION NOTES:**
- WATER SERVICES PER CCWD STD. DTL. W07
  - MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
  - FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
  - WATER ARV PER CCWD STD. DTL. W05
  - BO PER CCWD STD. DTL. W06 & W06A
  - SEWER SERVICES PER CCWD STD. DTL. S01
  - PRESSURE SEWER SERVICES PER CCWD STD. DTL. S01A
  - SEWER SERVICES MANHOLE CONNECTION PER CCWD STD. DTL. S02F
  - SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B
  - SEWER DROP MANHOLE PER CCWD STD. DTL. S02E
  - SEWER FORCE MAIN IN-LINE CLEAN OUT PER CCWD STD. DTL. S03A
  - FORCE MAIN ARV PER CCWD STD. DTL. S03
  - SEE SHEET C31 FOR STORM DRAIN PROFILE
  - SEE SHEET C32 FOR STORM DRAIN PROFILE
  - SEE SHEET C33 FOR STORM DRAIN PROFILE
  - JENSEN PRECAST CURB INLET, 24"x48", SEE DETAIL 301 ON SHEET C31
  - JENSEN PRECAST CURB INLET, 36"x48", SEE DETAIL G ON SHEET C31

**H STREET C DATA**

SEGMENT NO	BEARING/CHORD	LENGTH	RADIUS	DELTA
L21	S47° 32' 05"E	603.65		
L22	S46° 32' 05"E	255.47		



**PROFILE SCALE**  
 HORIZ: 1" = 40'  
 VERT: 1" = 4'

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 SCALE (V): 1" = 4'

PREPARED UNDER THE DIRECTIONS OF:

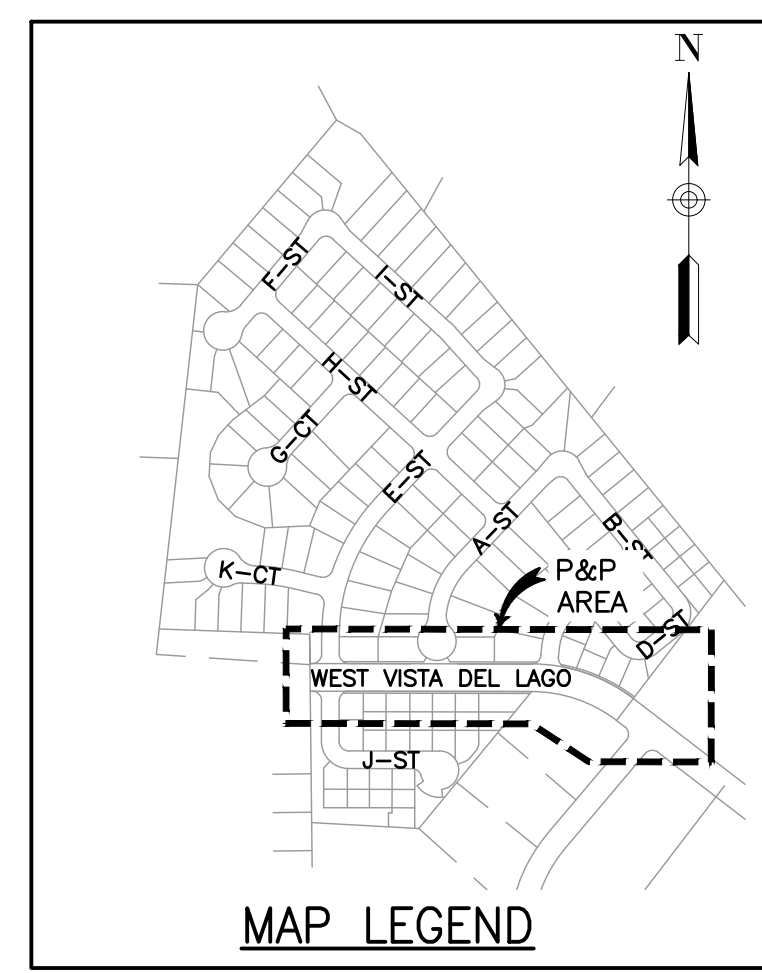
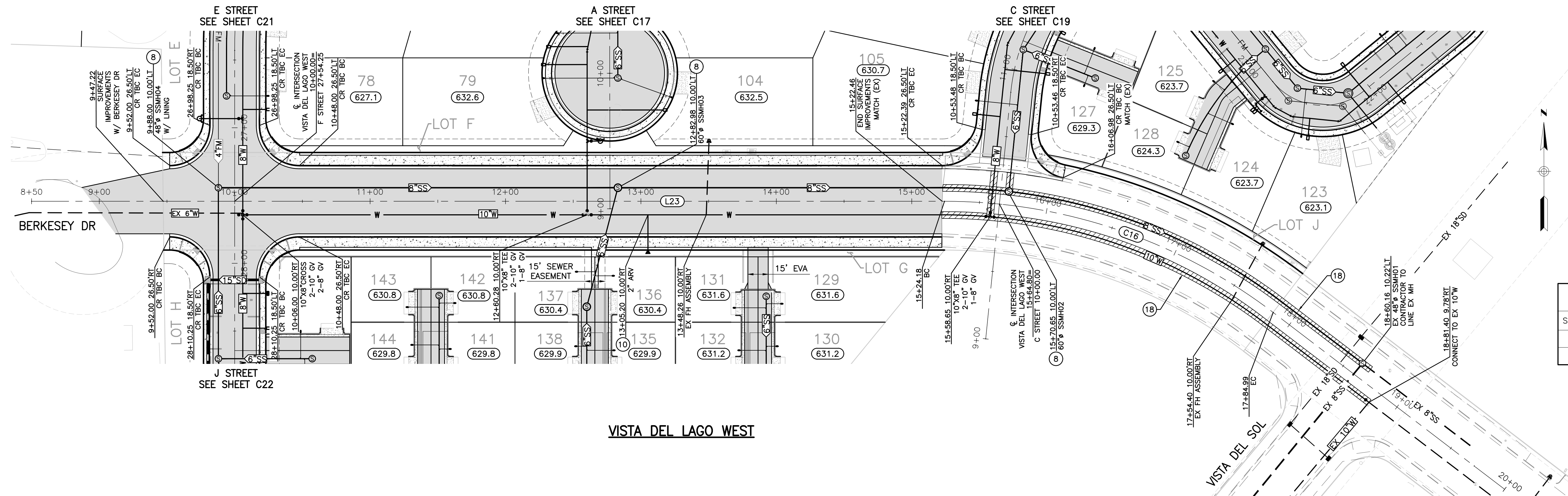
**RICK ENGINEERING COMPANY**  
 No. 52504  
 CIVIL  
 M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
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 San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver

**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**PLAN & PROFILE H-ST**  
 BEGIN TO END

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C24  
 OF 43 SHEETS



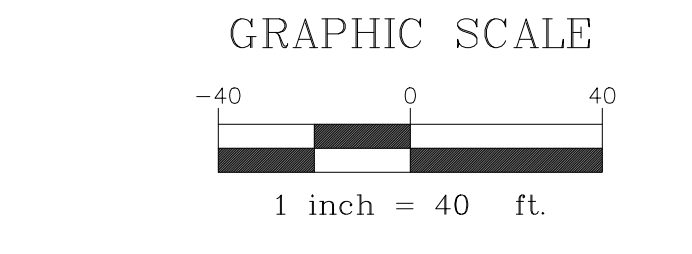
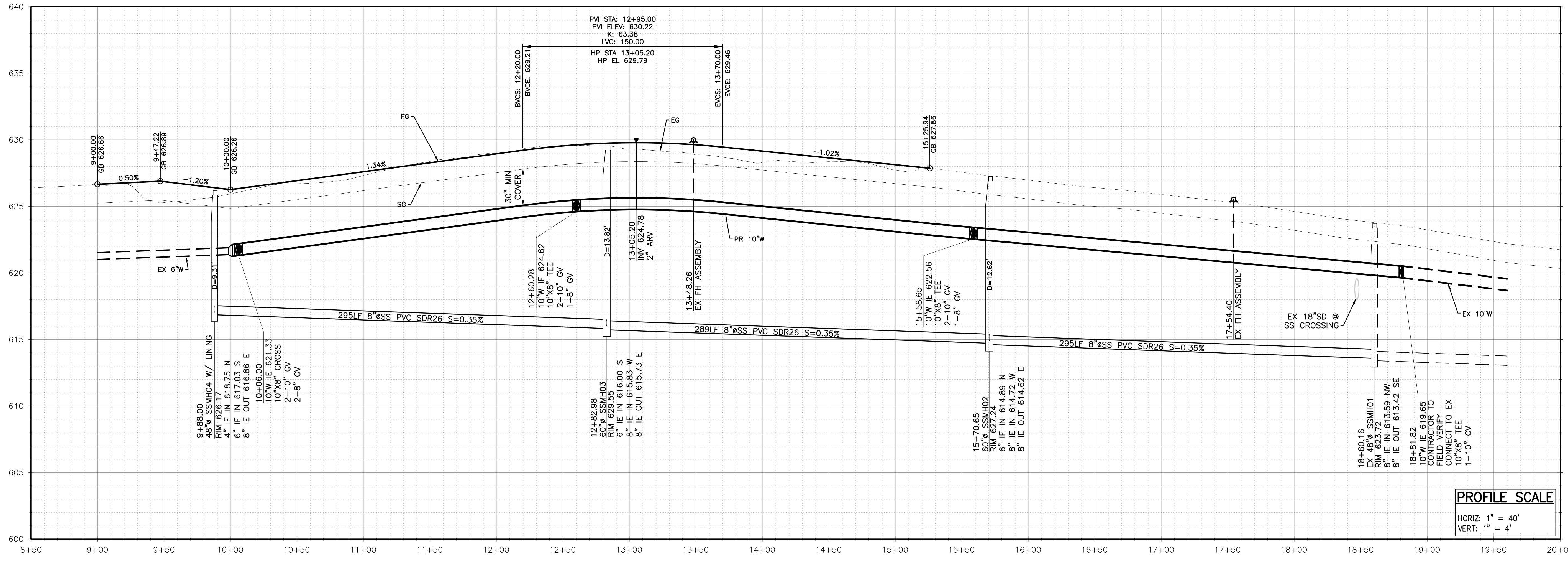
WEST VISTA DEL LAGO C DATA				
SEGMENT NO	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L23)	S89° 53' 04"E	576.96		
(C16)	S71° 12' 17"E	260.82	400.00	14°19'26"

VISTA DEL LAGO WEST

- NOTES:**
- ALL FITTINGS SHALL HAVE THRUST BLOCK CCWD WATER DETAILS, STD. DWG. W01.
  - TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE PER CCWD WATER DETAILS, STD. DWG. W02 & W02A.
  - SEPARATION STANDARDS AND TRENCH SECTIONS PER CCWD GENERAL DETAILS, STD. DWG. G04 & G05.

**CONSTRUCTION NOTES:**

- WATER SERVICES PER CCWD STD. DTL. W07
- MULTI METER WATER SERVICES PER CCWD STD. DTL. W07B
- FIRE HYDRANTS PER CCWD STD. DTL. W04 & W04A
- WATER ARV PER CCWD STD. DTL. W05
- BO PER CCWD STD. DTL. W06 & W06A
- SEWER SERVICES PER CCWD STD. DTL. S01
- PRESSURE SEWER SERVICES PER CCWD STD. DTL. S01A
- SEWER SERVICES MANHOLE CONNECTION PER CCWD STD. DTL. S02F
- SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B
- SEWER DROP MANHOLE PER CCWD STD. DTL. S02E
- SEWER FORCE MAIN IN-LINE CLEAN OUT PER CCWD STD. DTL. S03A
- FORCE MAIN ARV PER CCWD STD. DTL. S03
- SEE SHEET C31 FOR STORM DRAIN PROFILE
- SEE SHEET C32 FOR STORM DRAIN PROFILE
- SEE SHEET C33 FOR STORM DRAIN PROFILE
- JENSEN PRECAST CURB INLET, 24"x48", SEE DETAIL 301 ON SHEET C31
- JENSEN PRECAST CURB INLET, 36"x48", SEE DETAIL G ON SHEET C31
- TRENCH REPAIR PER CCWD STD. DTL. G05 G05A



**PROFILE SCALE**  
 HORIZ: 1" = 40'  
 VERT: 1" = 4'

REV	DATE	DESCRIPTION	APP'D

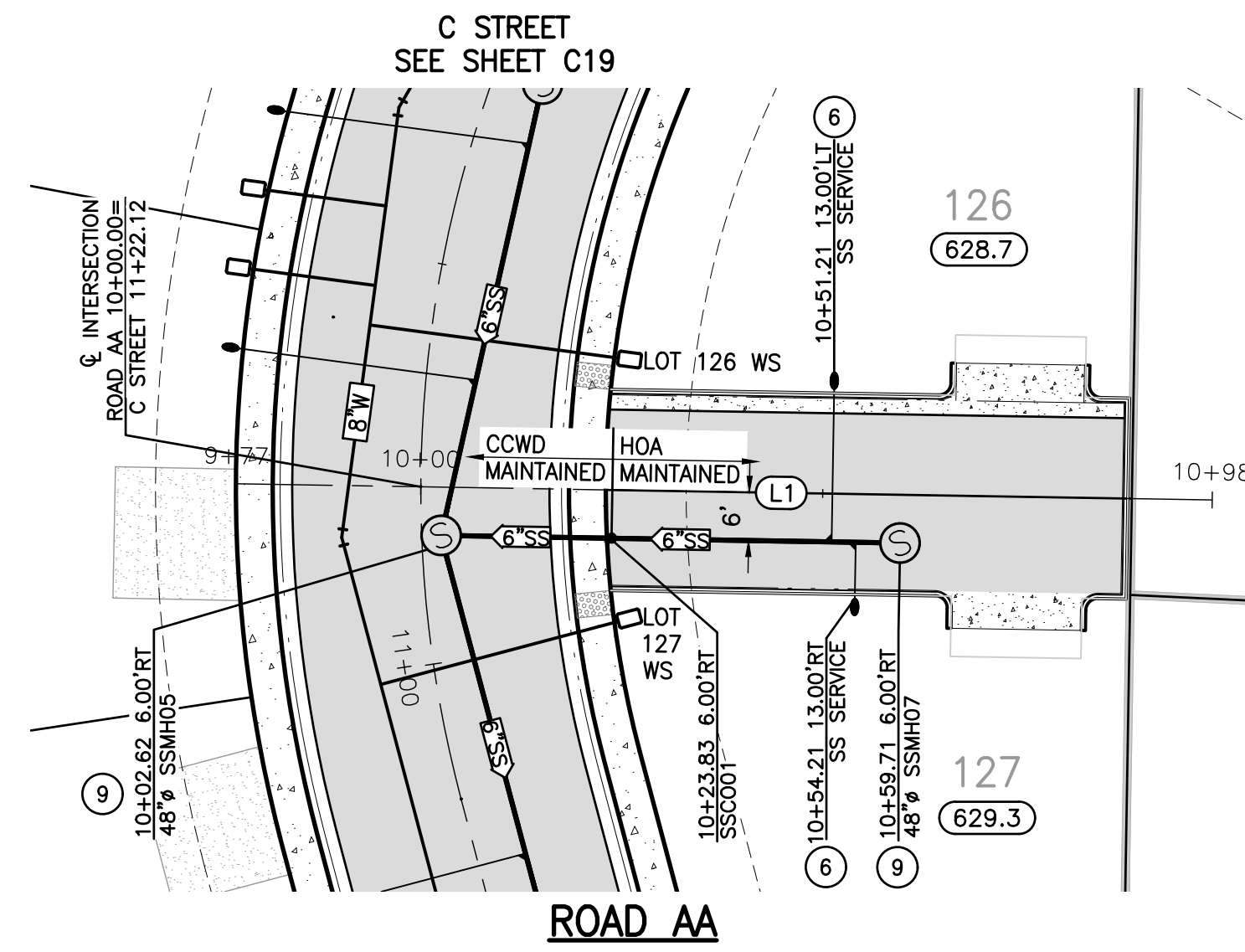
PRELIMINARY NOT FOR CONSTRUCTION  
 DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 40'  
 (V): 1" = 4'

PREPARED UNDER THE DIRECTIONS OF:  
  
 M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

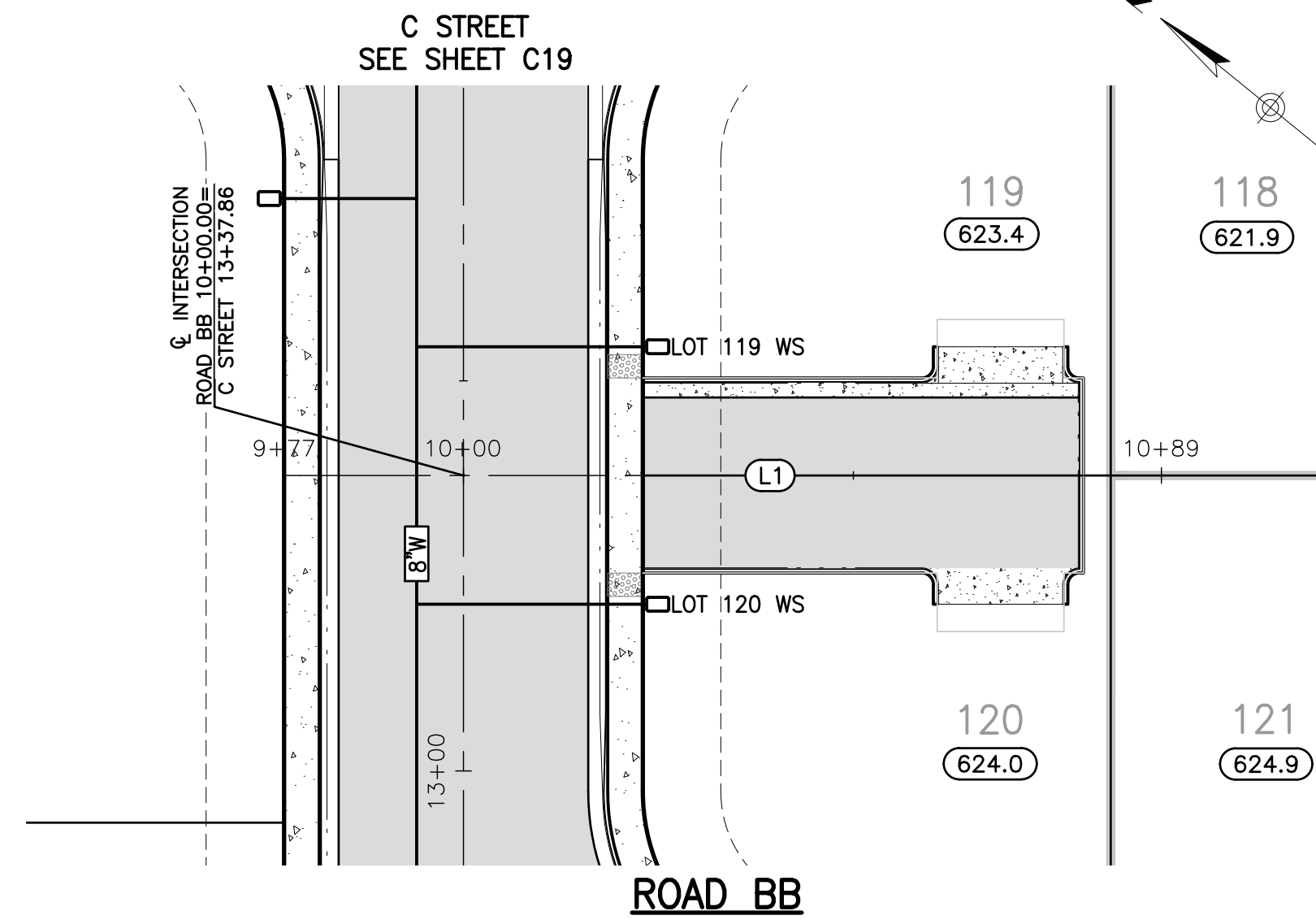
**RICK ENGINEERING COMPANY**  
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LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**PLAN & PROFILE VISTA DEL LAGO**  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

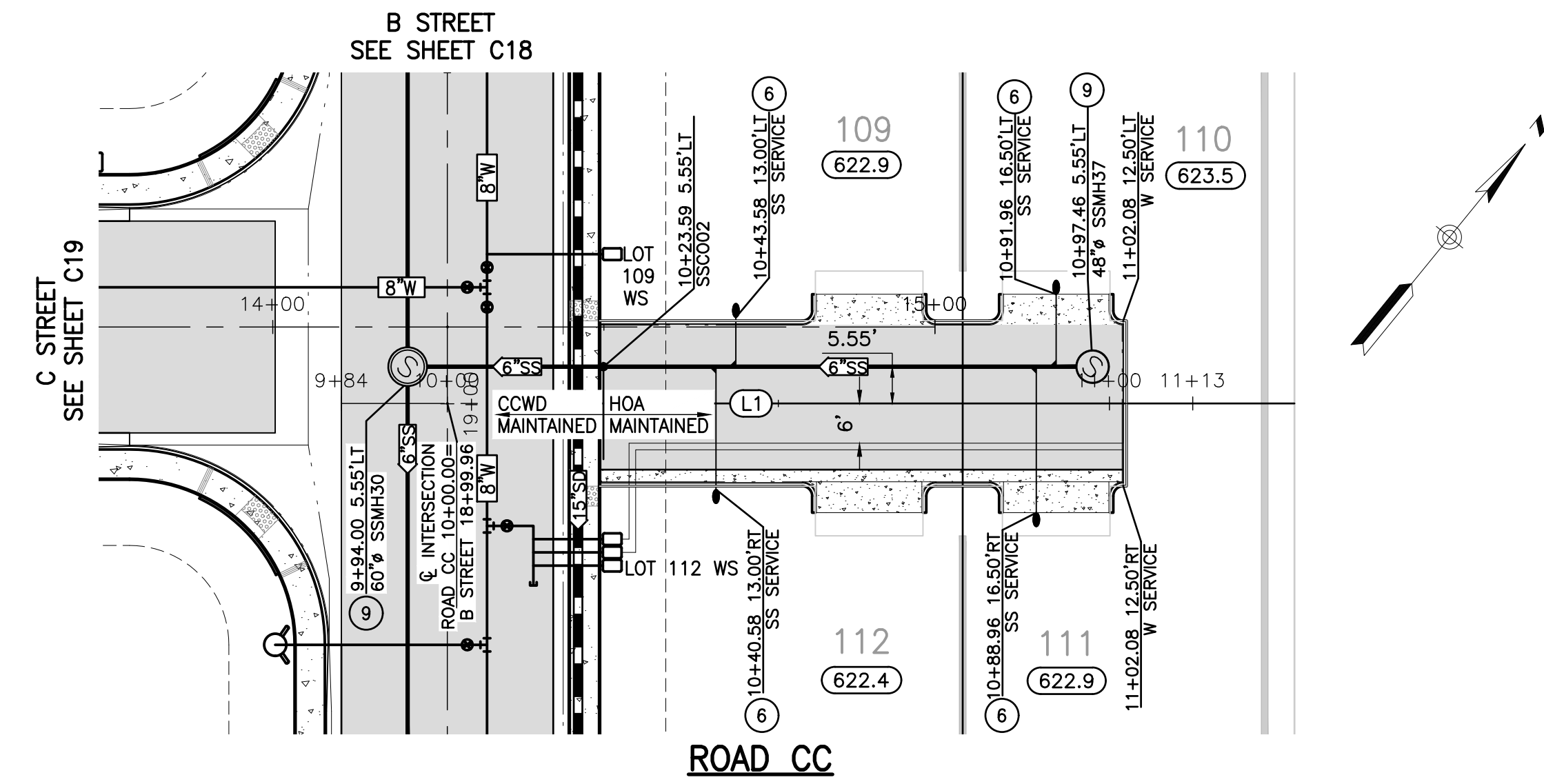
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JOB NUMBER	19361
SHEET NUMBER	C25
OF 43 SHEETS	



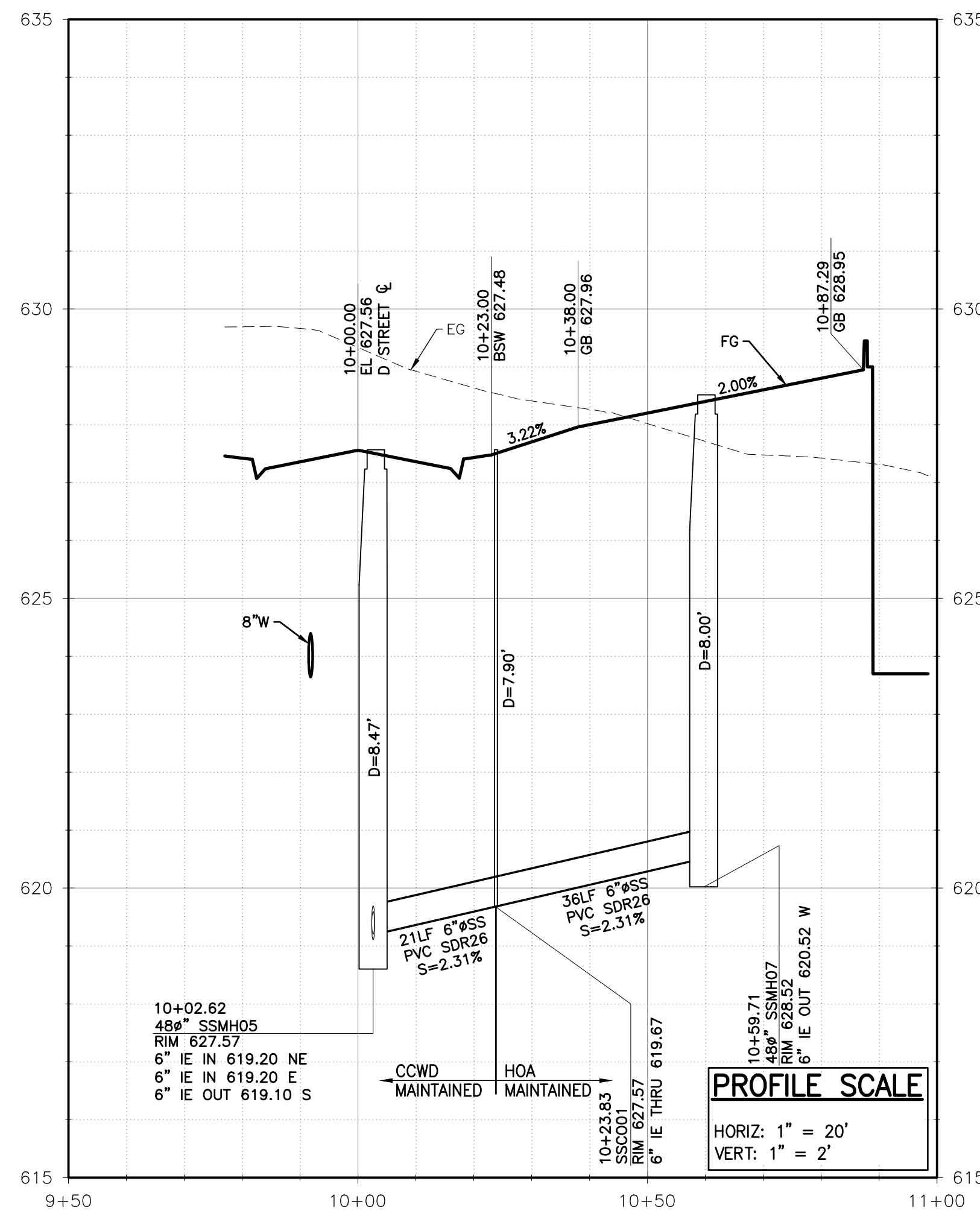
ROAD AA CL DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	S68° 15' 41"E	75.46		



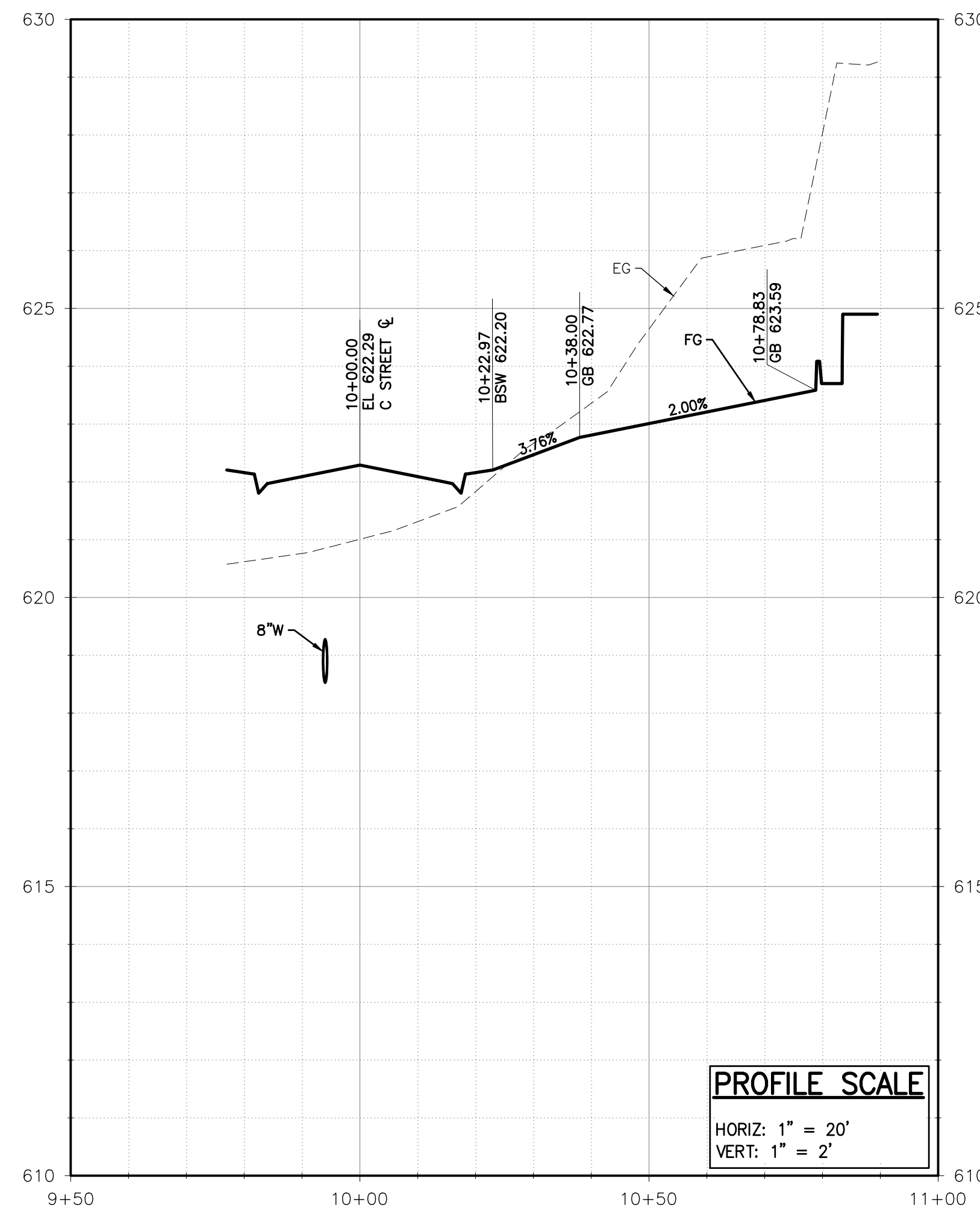
ROAD BB CL DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	S39° 08' 26"E	112.50		



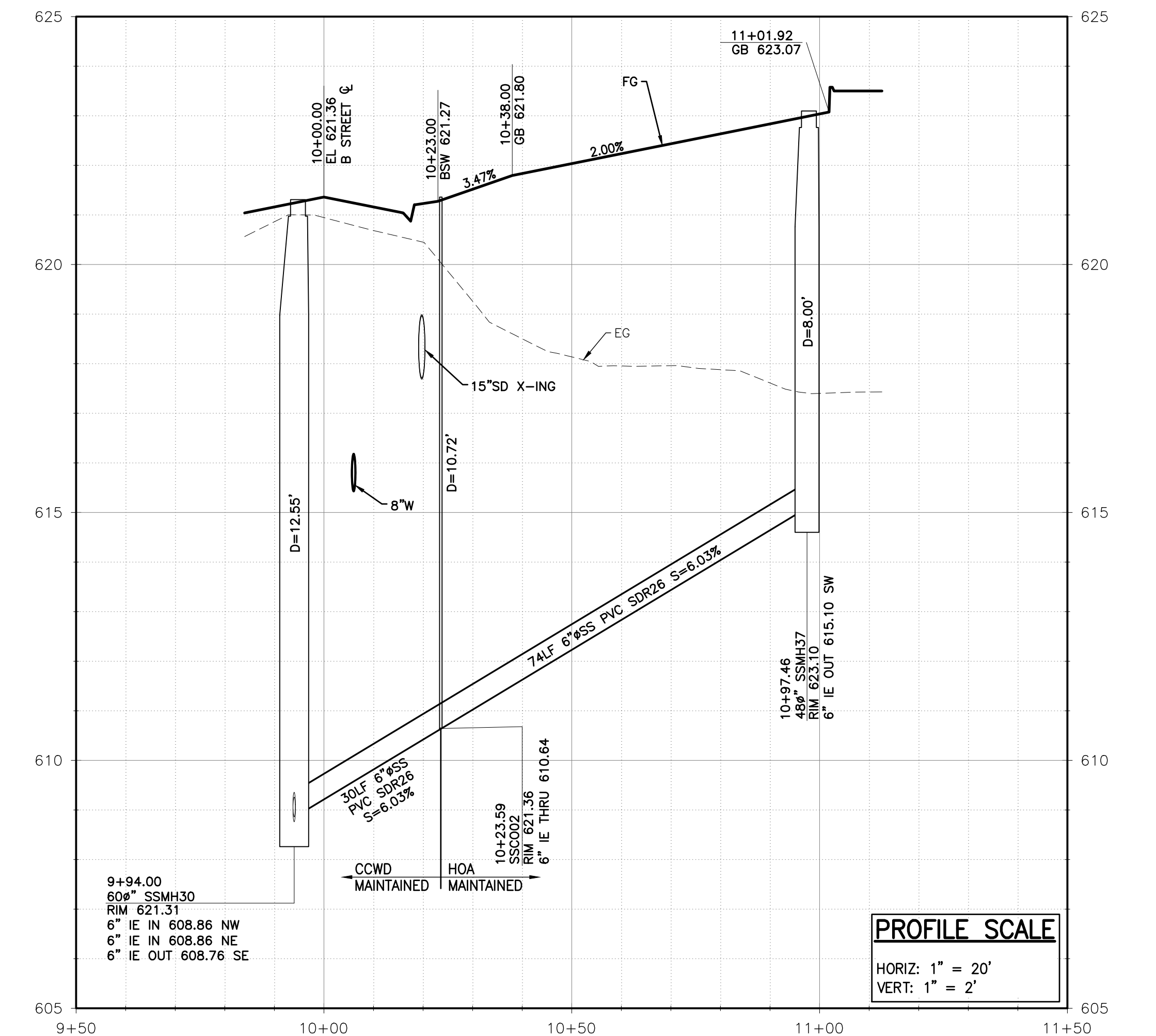
ROAD CC CL DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	N50° 51' 34"E	128.58		



**PROFILE SCALE**  
 HORIZ: 1" = 20'  
 VERT: 1" = 2'



**PROFILE SCALE**  
 HORIZ: 1" = 20'  
 VERT: 1" = 2'

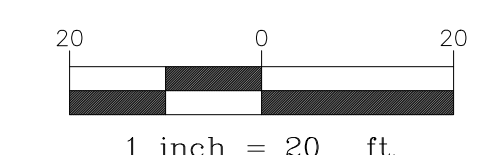


**PROFILE SCALE**  
 HORIZ: 1" = 20'  
 VERT: 1" = 2'

**CONSTRUCTION NOTES:**

- ⑥ SEWER SERVICES PER CCWD STD. DTL. S01
- ⑨ SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B

**GRAPHIC SCALE**



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 20'  
 (V): 1" = 2'



PREPARED UNDER THE DIRECTIONS OF:

M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

**RICK ENGINEERING COMPANY**  
 Sacramento

2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 (FAX) 916.934.5144

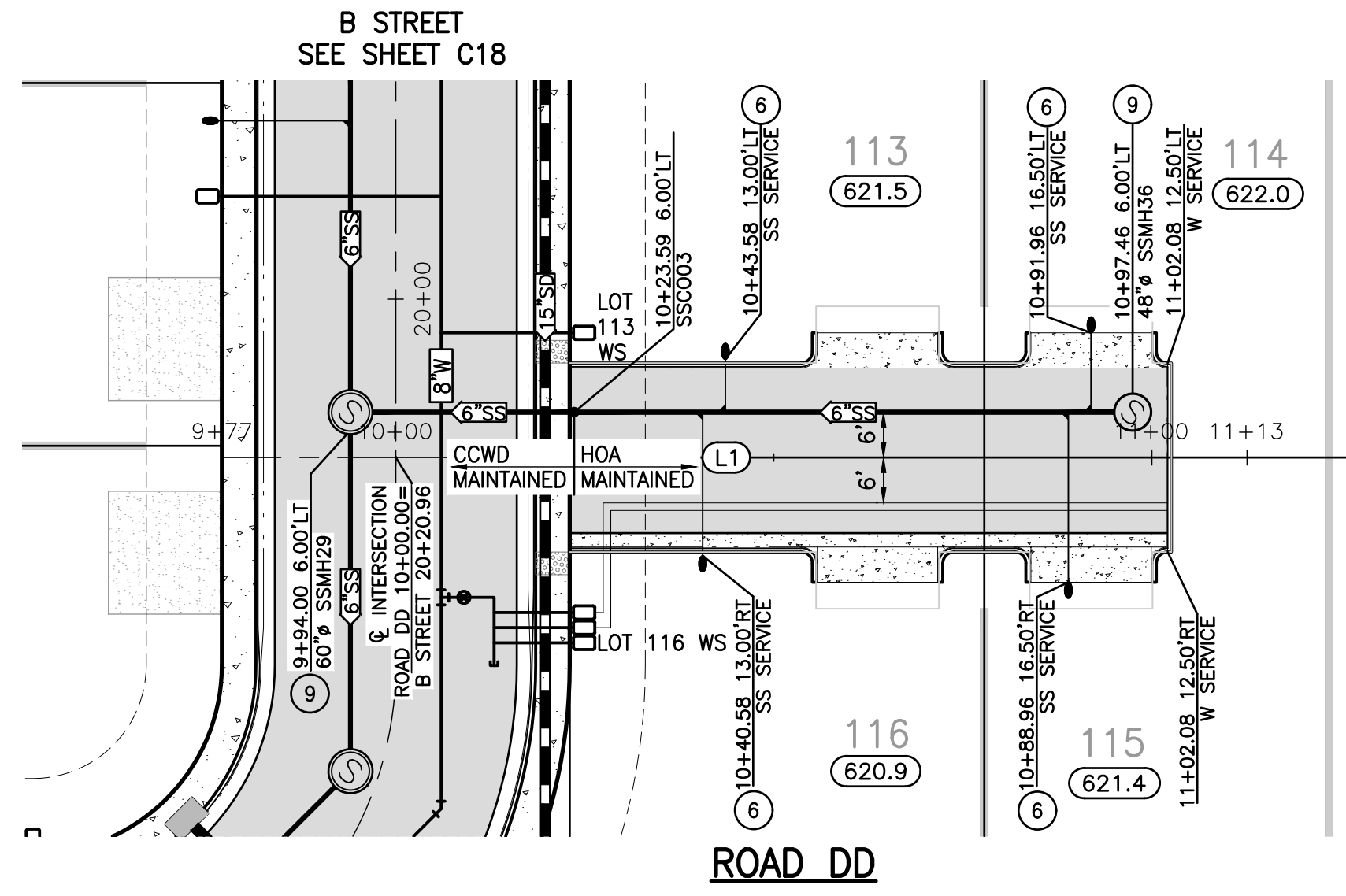
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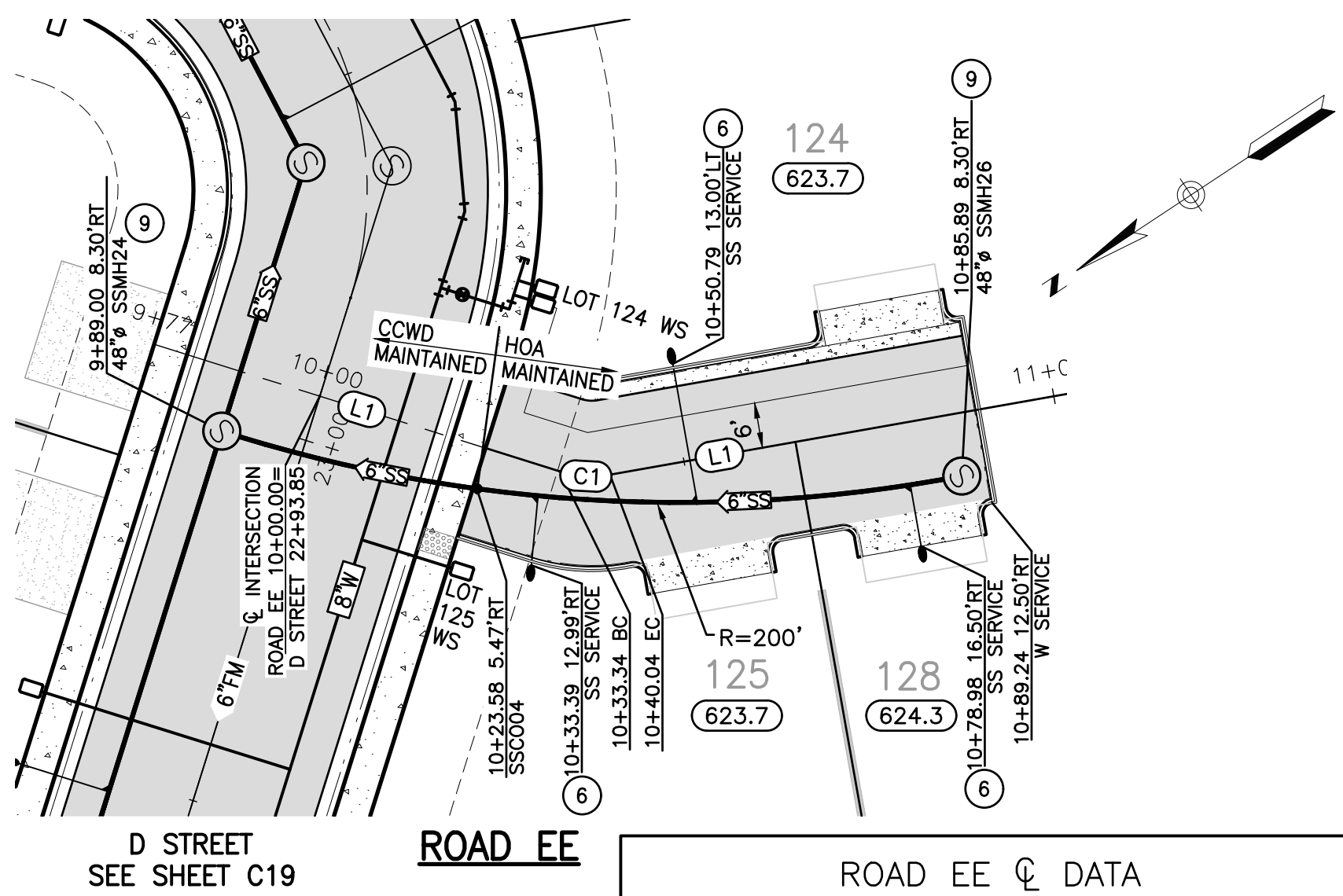
LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**PLAN & PROFILE AUTO COURTS**  
 ROAD AA, ROAD BB & ROAD CC

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

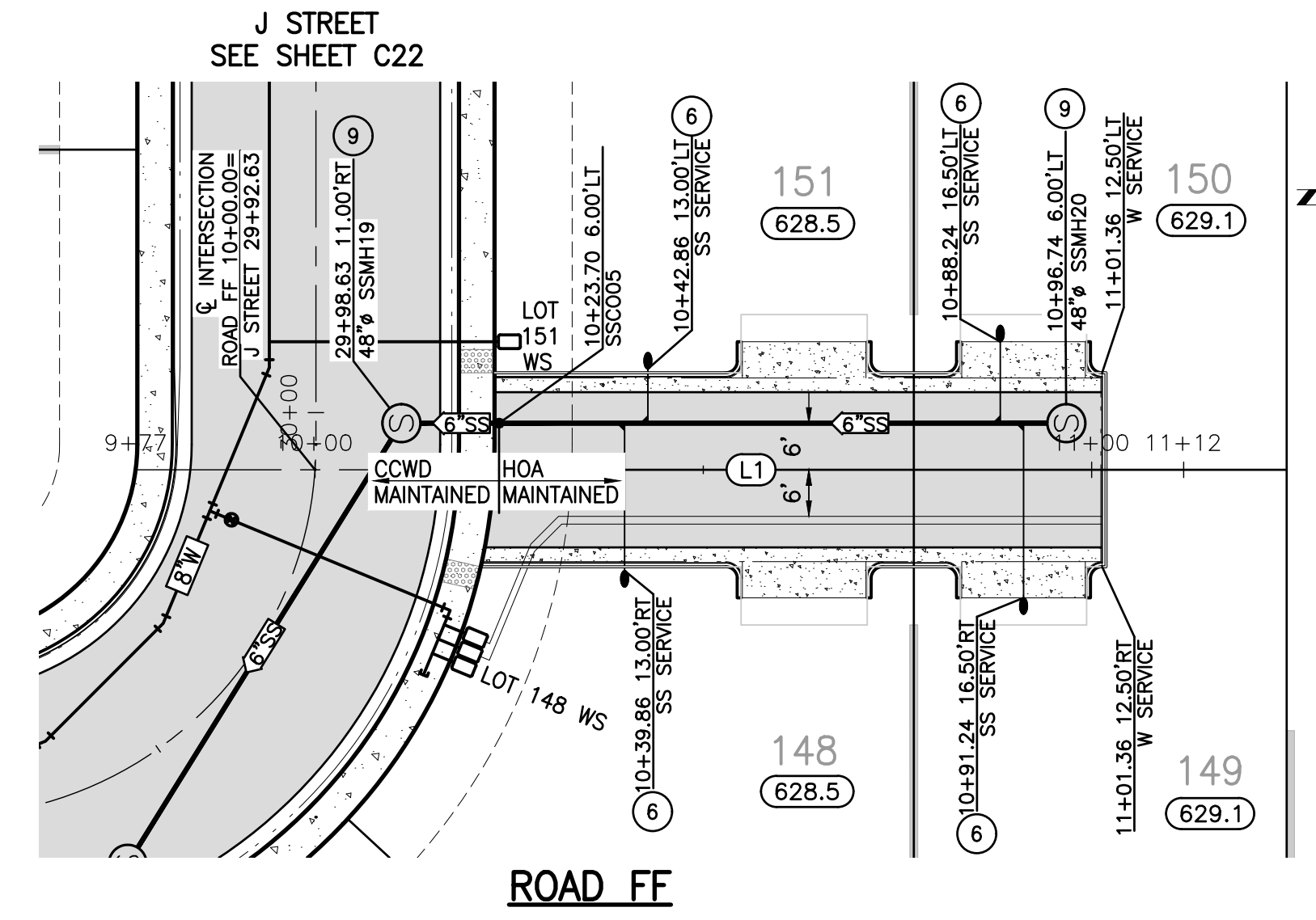
DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C26
OF 43 SHEETS	



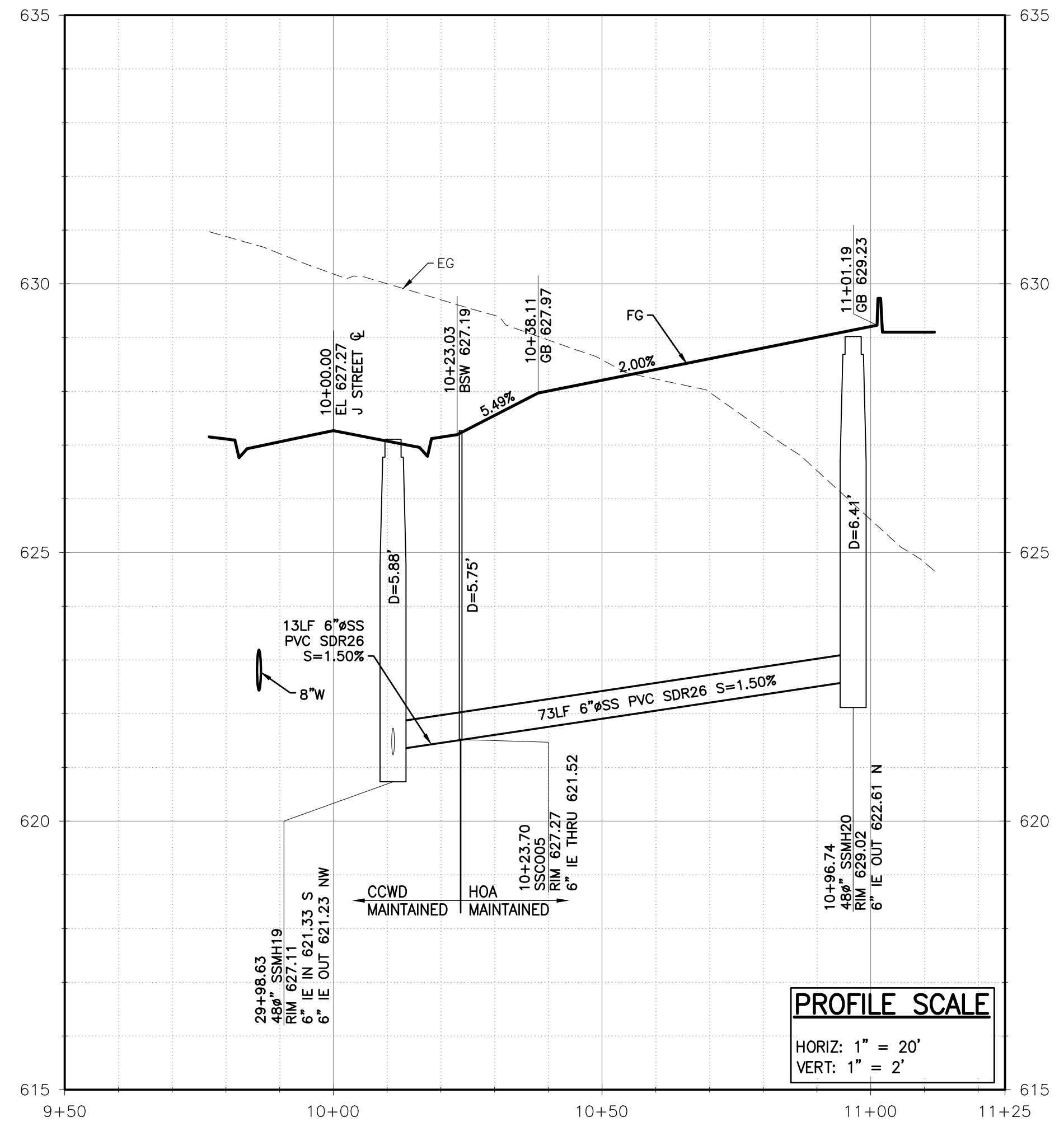
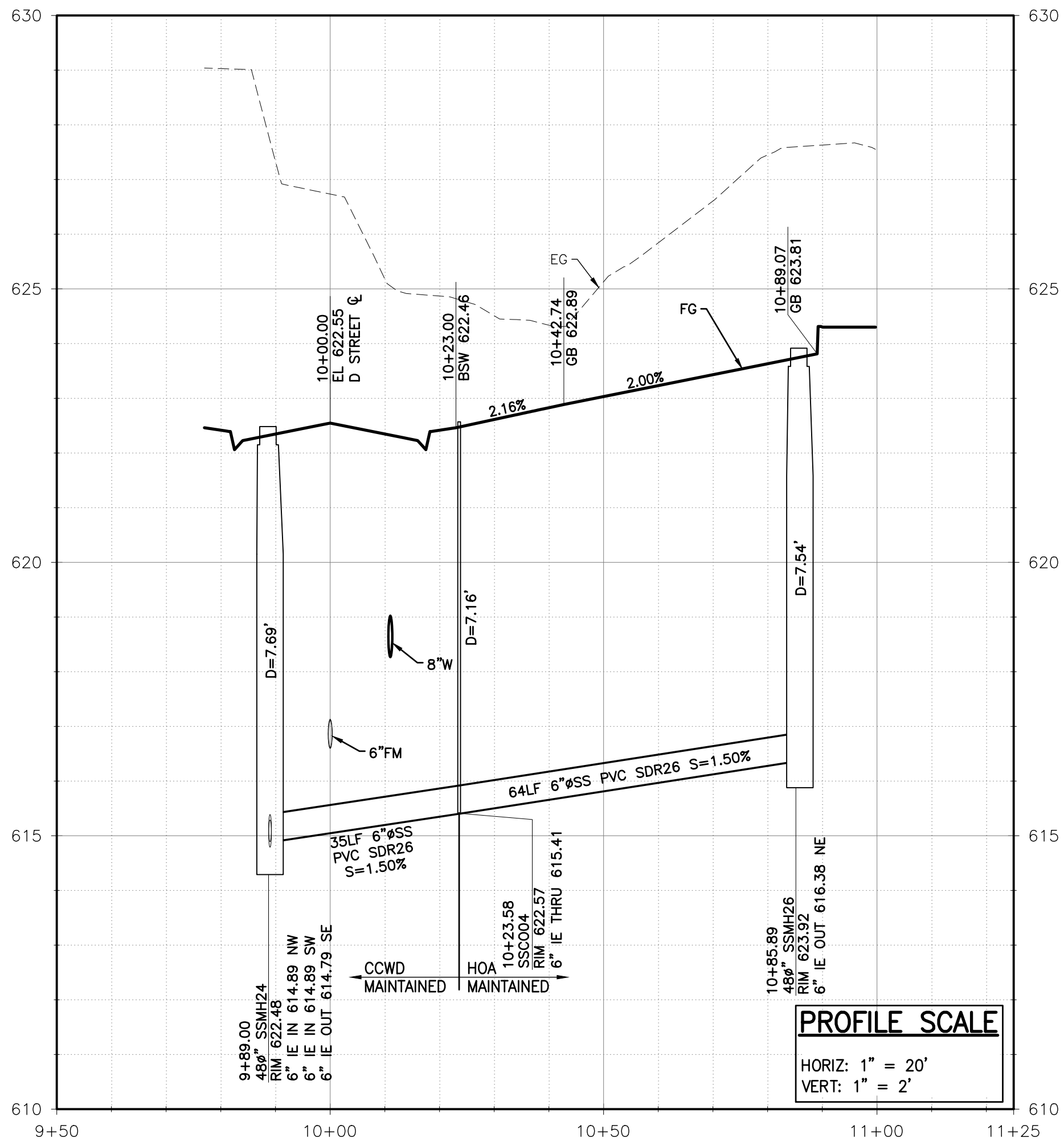
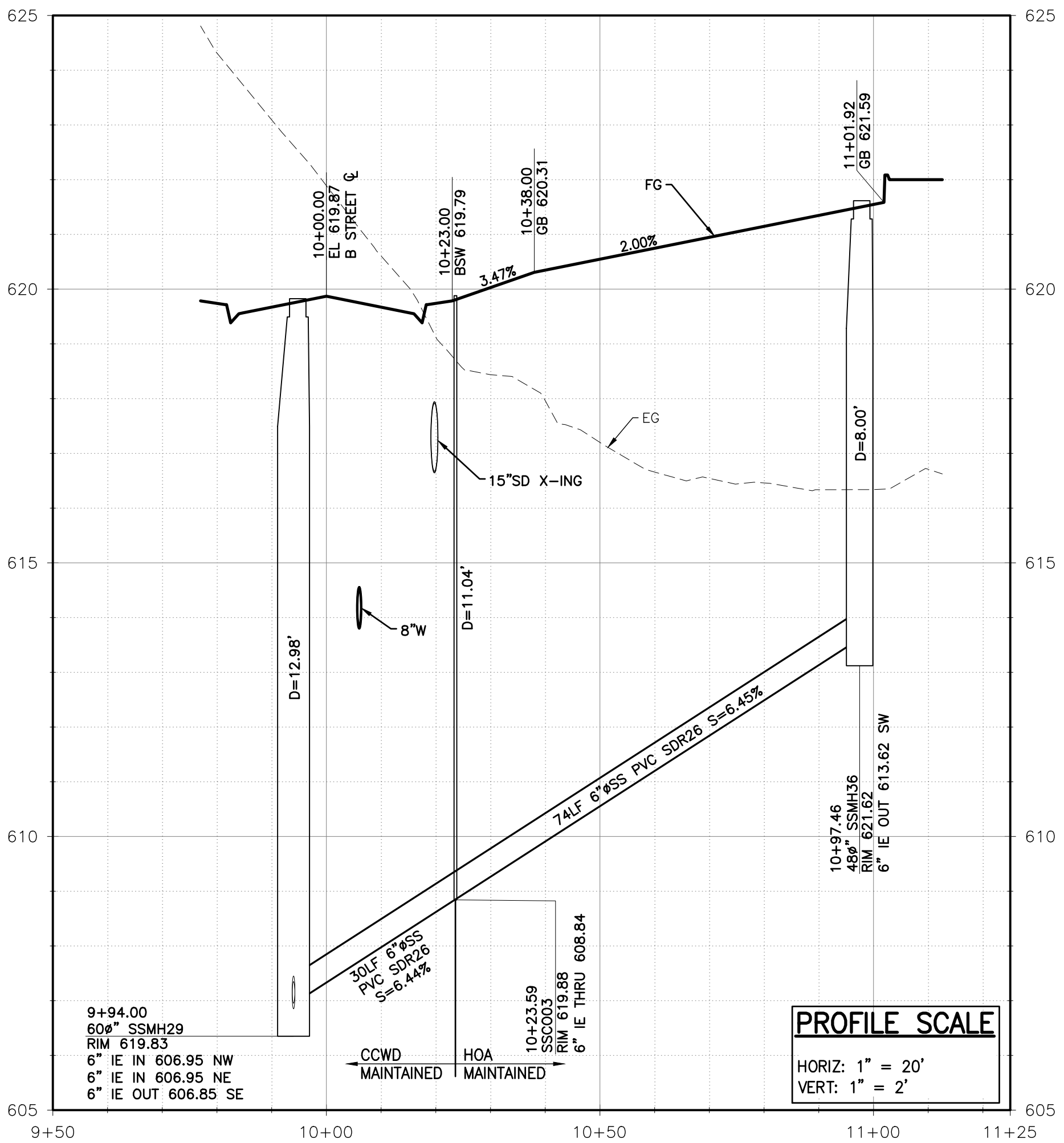
ROAD DD C DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	N50° 51' 34"E	135.58		



ROAD EE C DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	S50° 51' 34"W	56.34		
(C1)	S37° 09' 06"W	6.70	14.00	27°24'56"
(L1)	S23° 26' 38"W	59.70		

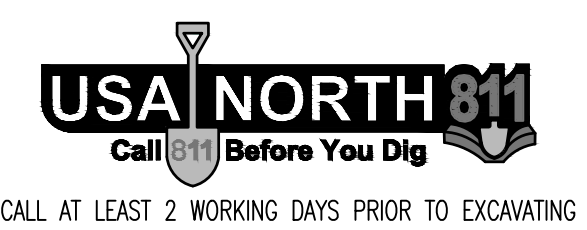
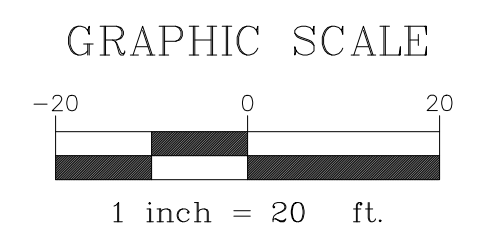


ROAD FF C DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	S0° 06' 56"W	134.96		



**CONSTRUCTION NOTES:**

- ⑥ SEWER SERVICES PER CCWD STD. DTL. S01
- ⑨ SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 20'  
 (V): 1" = 2'



PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 Sacramento

M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 (FAX) 916.934.5144

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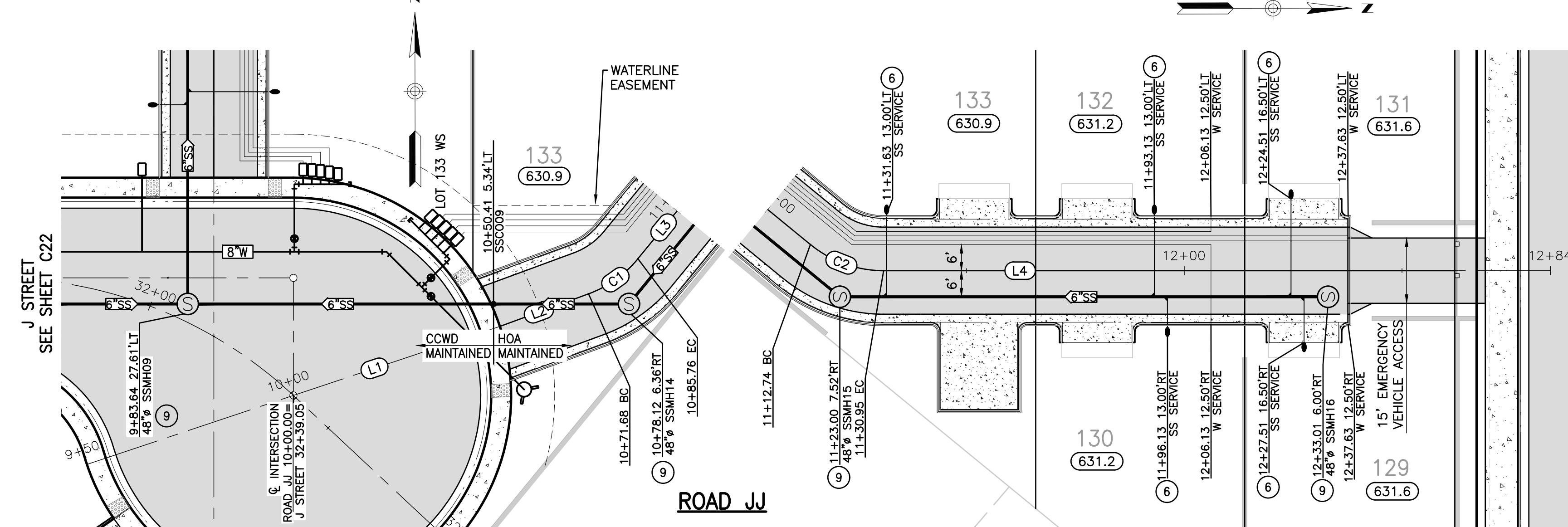
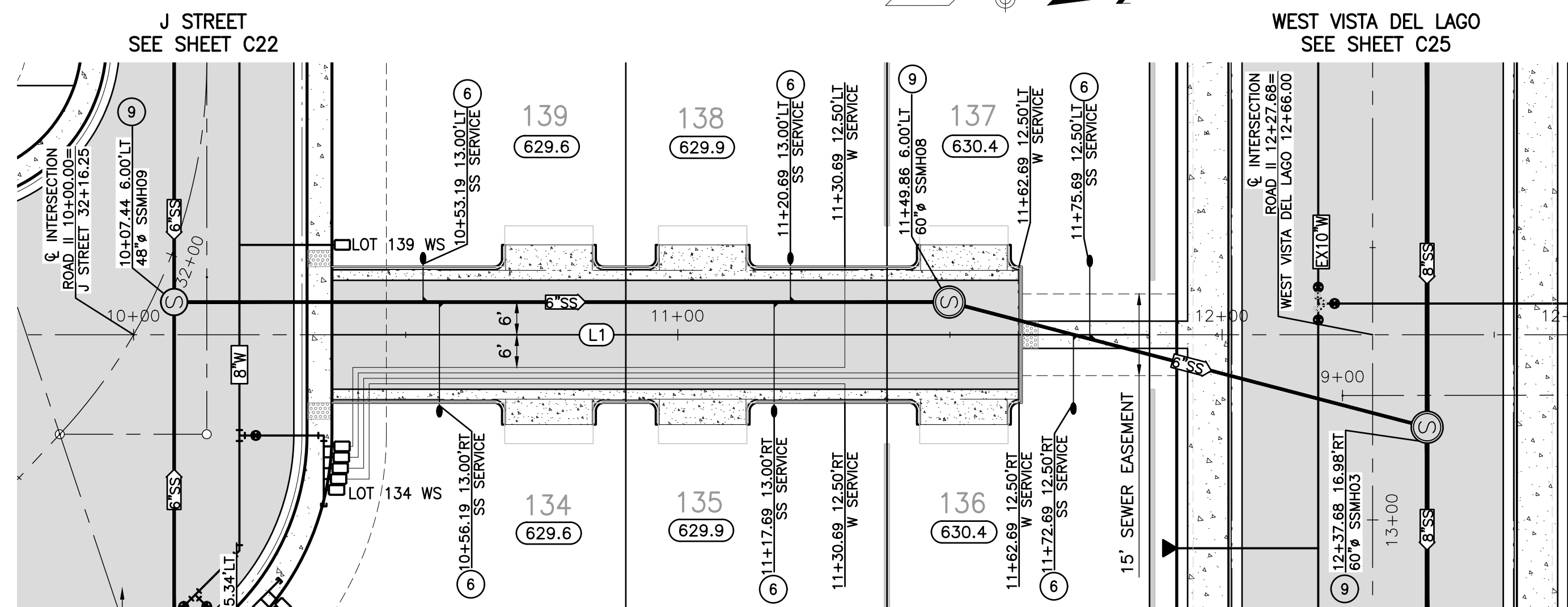
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**PLAN & PROFILE AUTO COURTS**  
 ROAD DD, ROAD EE & ROAD FF

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

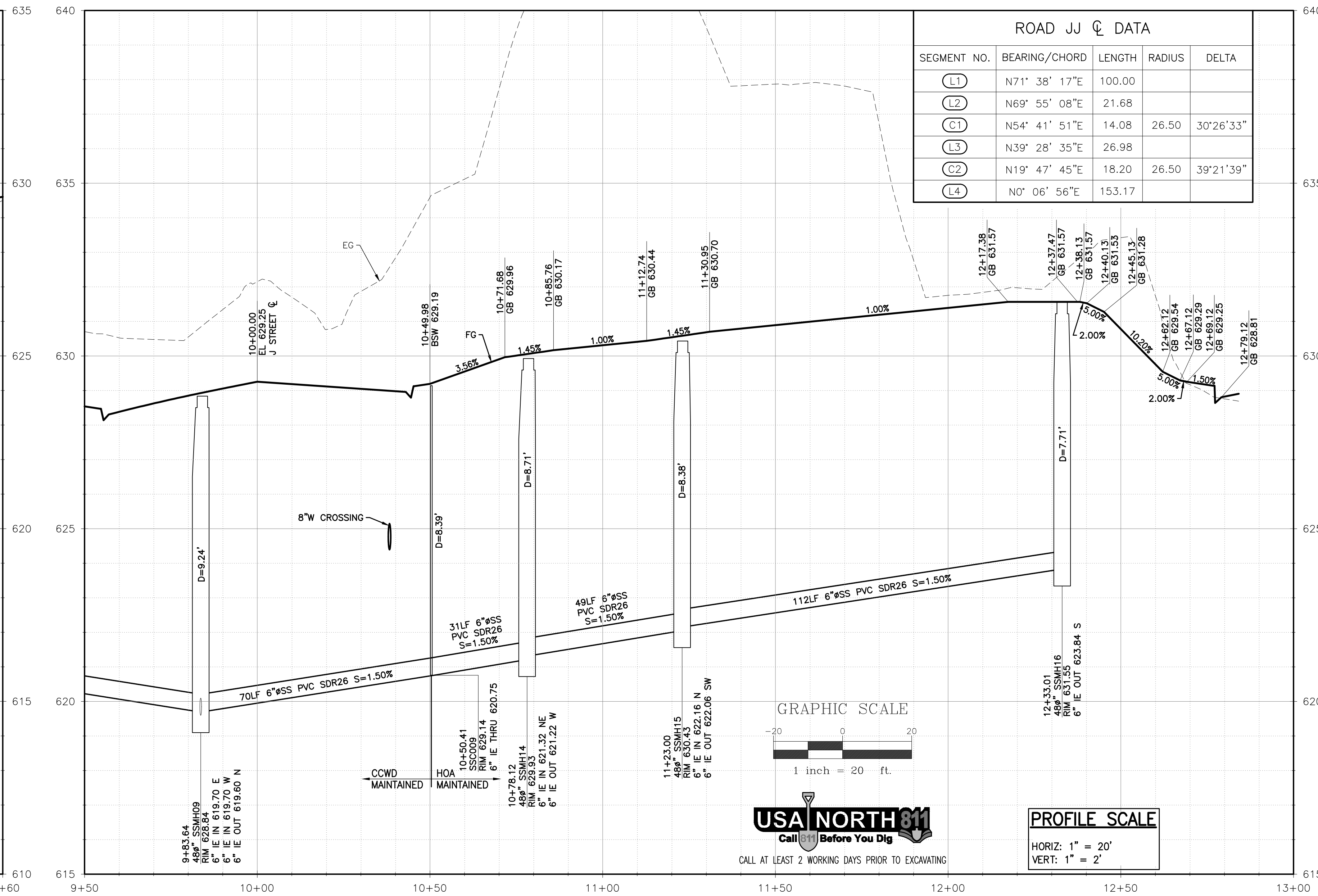
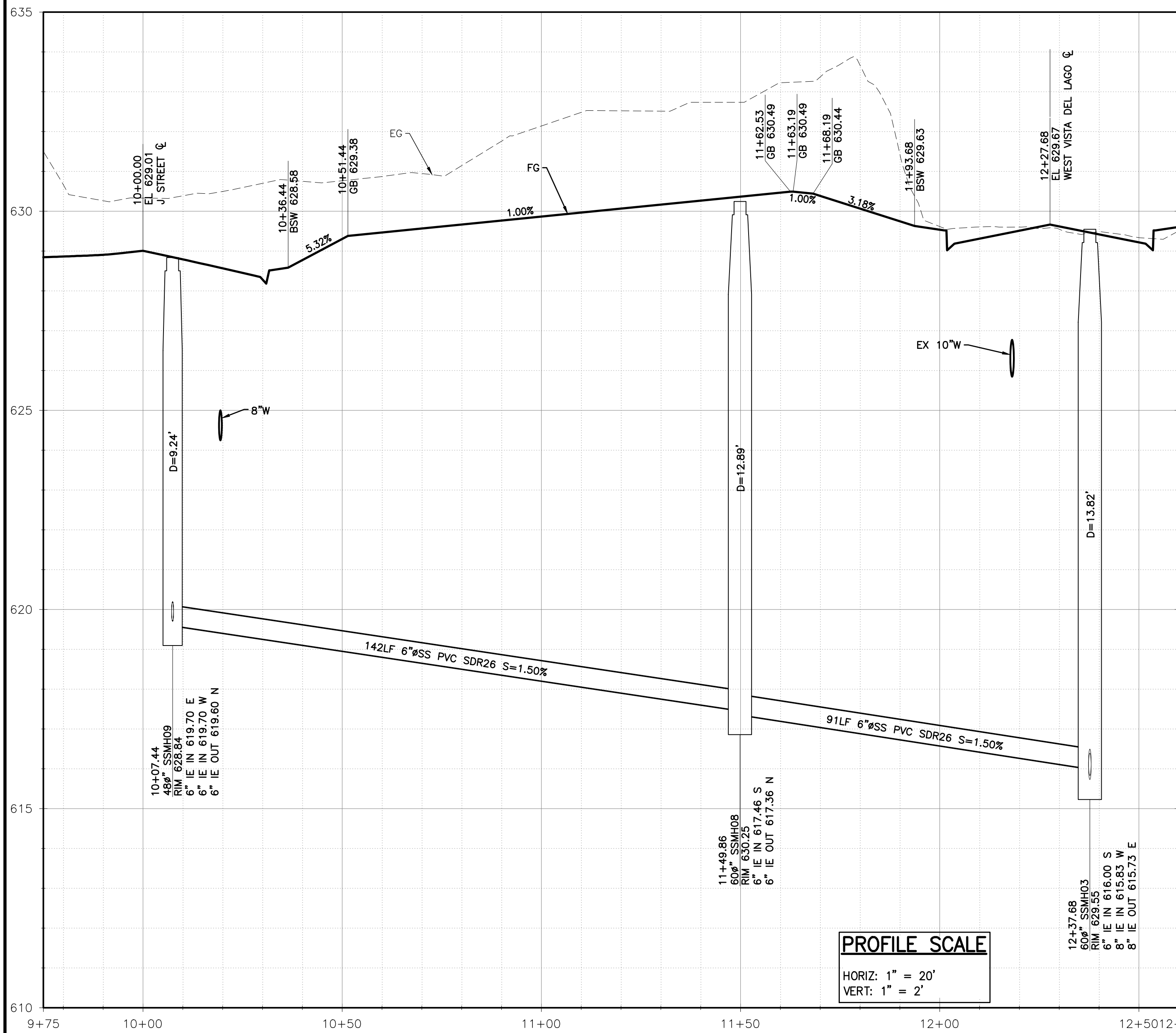
DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C27
OF 43 SHEETS	



**ROAD II CURVE DATA**

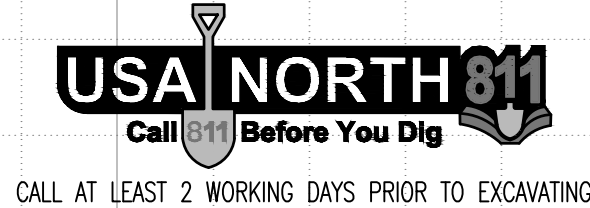
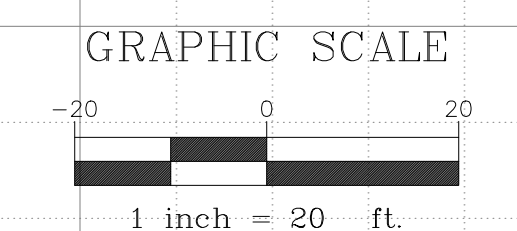
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	N0° 06' 56"E	316.16		

- CONSTRUCTION NOTES:**
- (6) SEWER SERVICES PER CCWD STD. DTL. S01
  - (9) SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B



**ROAD JJ CURVE DATA**

SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	N71° 38' 17"E	100.00		
(L2)	N69° 55' 08"E	21.68		
(C1)	N54° 41' 51"E	14.08	26.50	30°26'33"
(L3)	N39° 28' 35"E	26.98		
(C2)	N19° 47' 45"E	18.20	26.50	39°21'39"
(L4)	N0° 06' 56"E	153.17		



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 20'  
 (V): 1" = 2'



PREPARED UNDER THE DIRECTIONS OF:

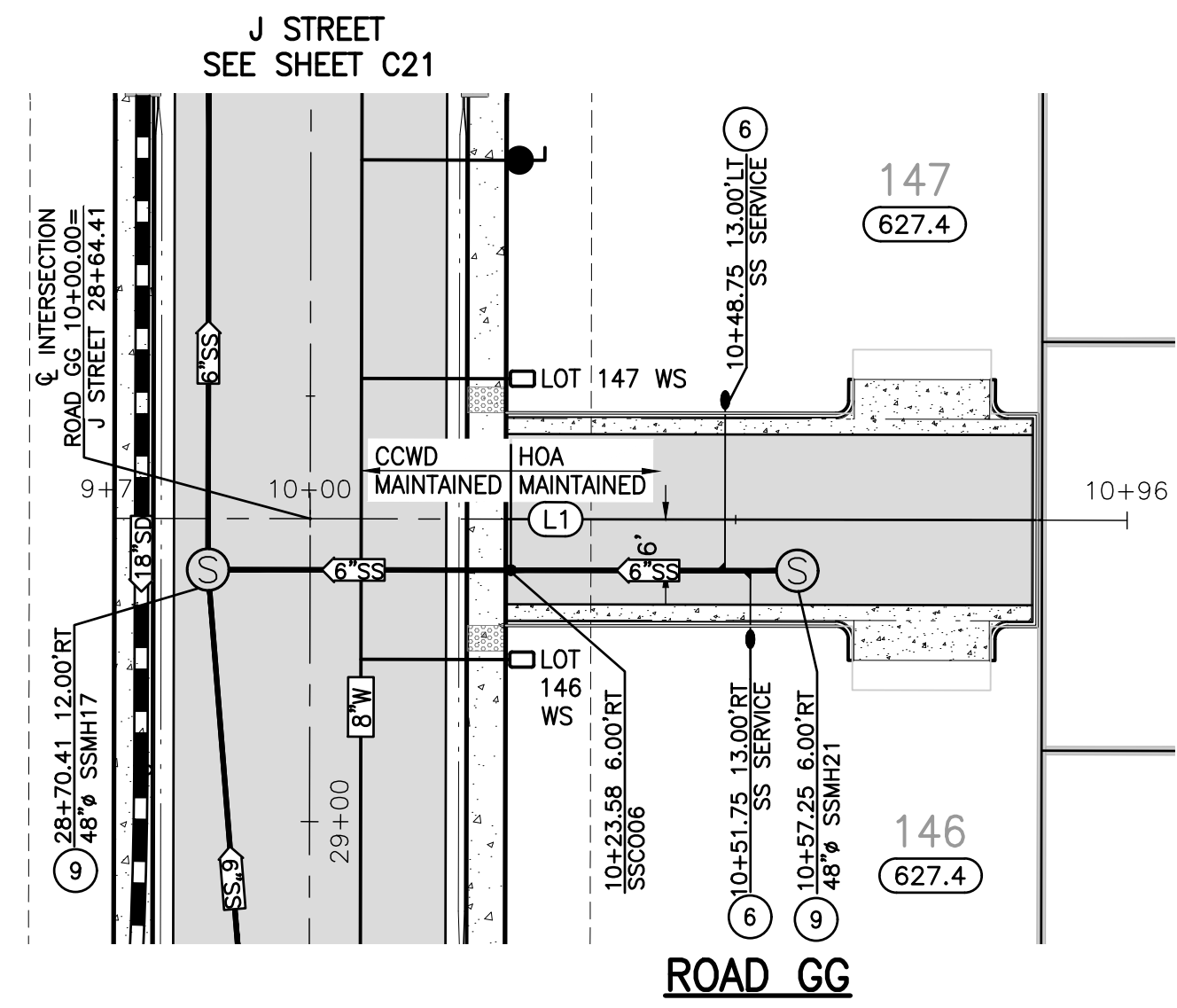
**M. SCOTT LILLIBRIDGE, P.E.** DATE: RCE 52504



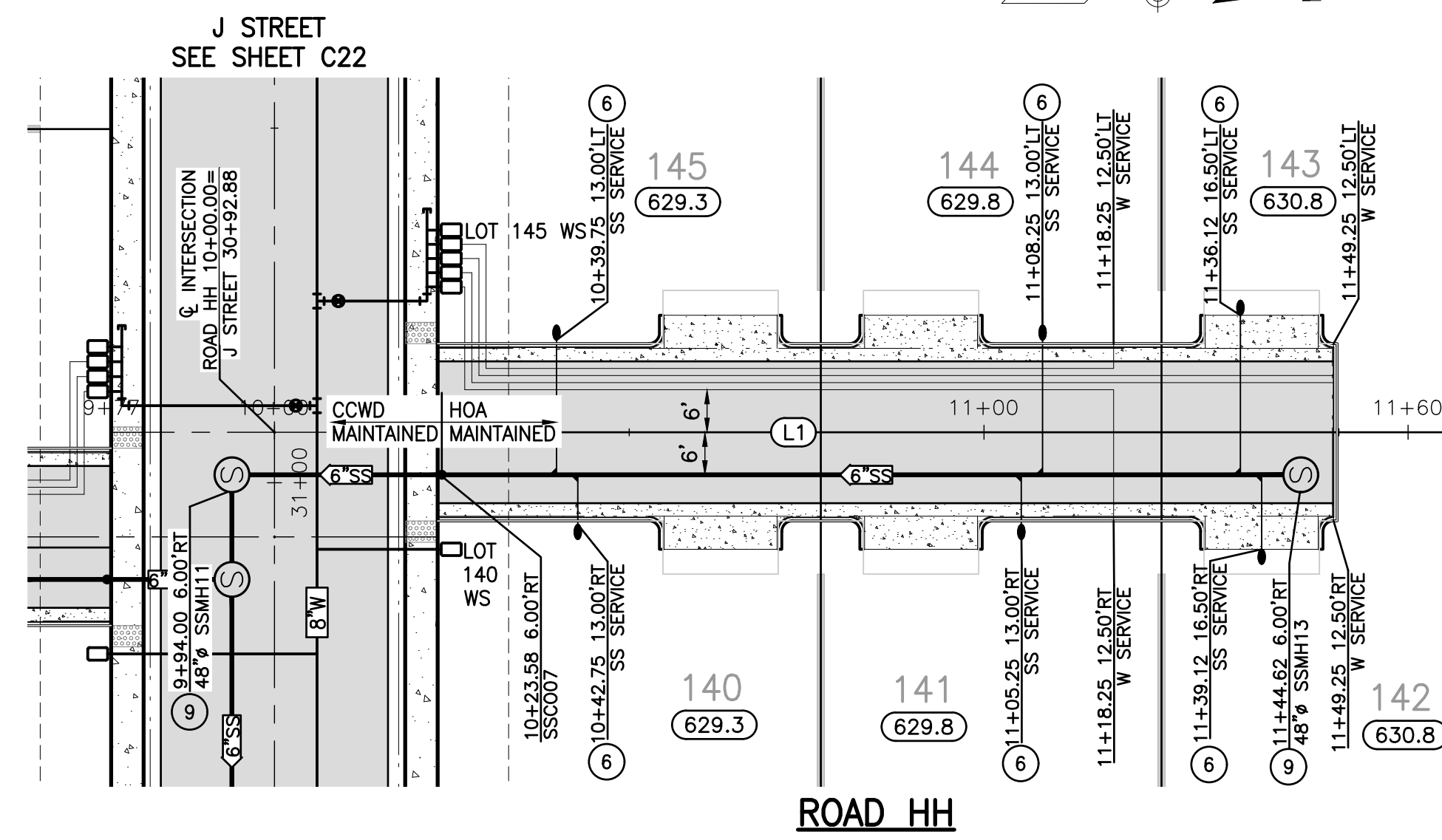
2525 EAST BIDWELL STREET  
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 NORTH VISTA PLAZA  
**PLAN & PROFILE AUTO COURTS**  
 ROAD II & ROAD JJ

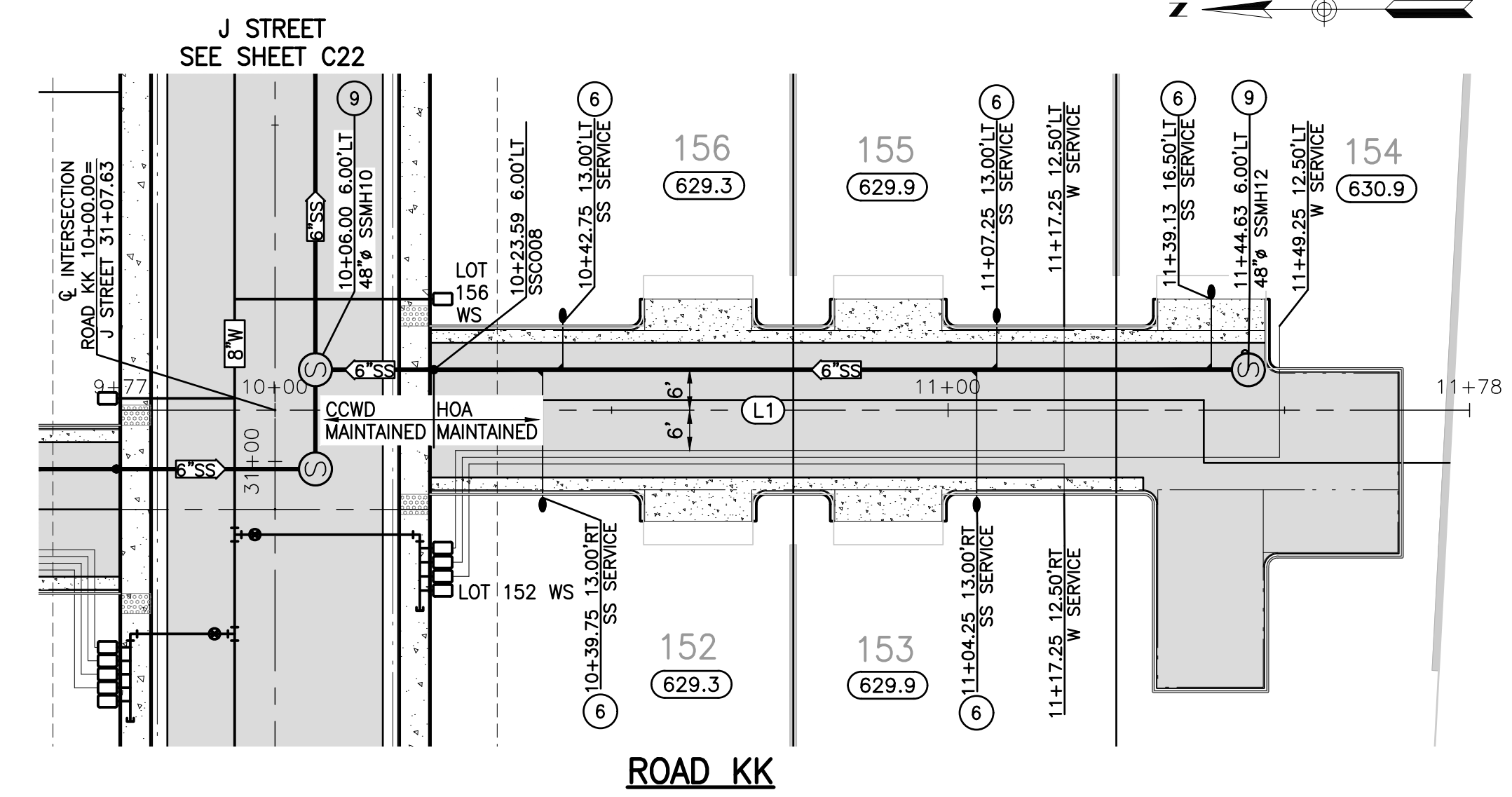
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 JOB NUMBER: 19361  
 SHEET NUMBER: C29  
 OF 43 SHEETS



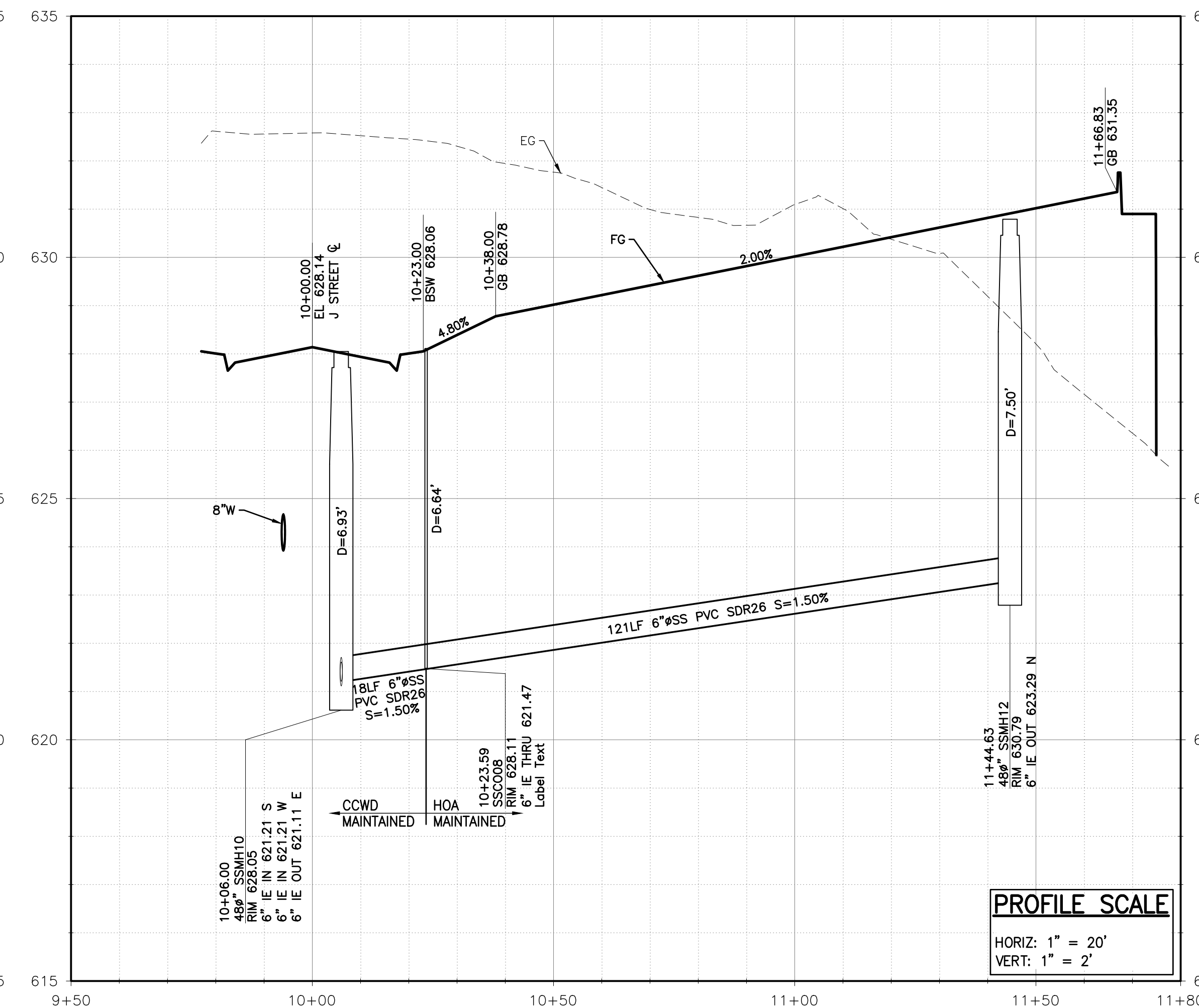
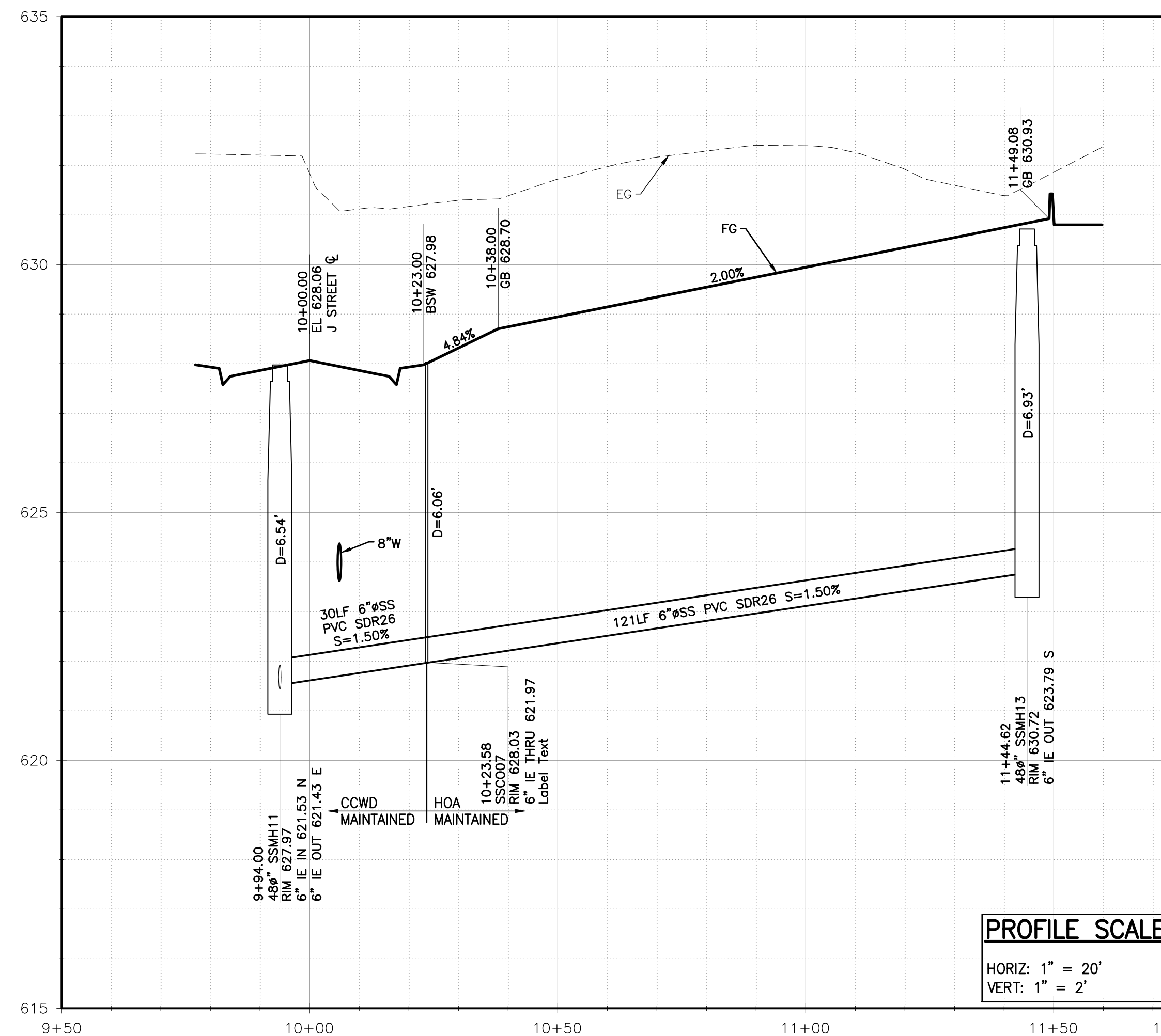
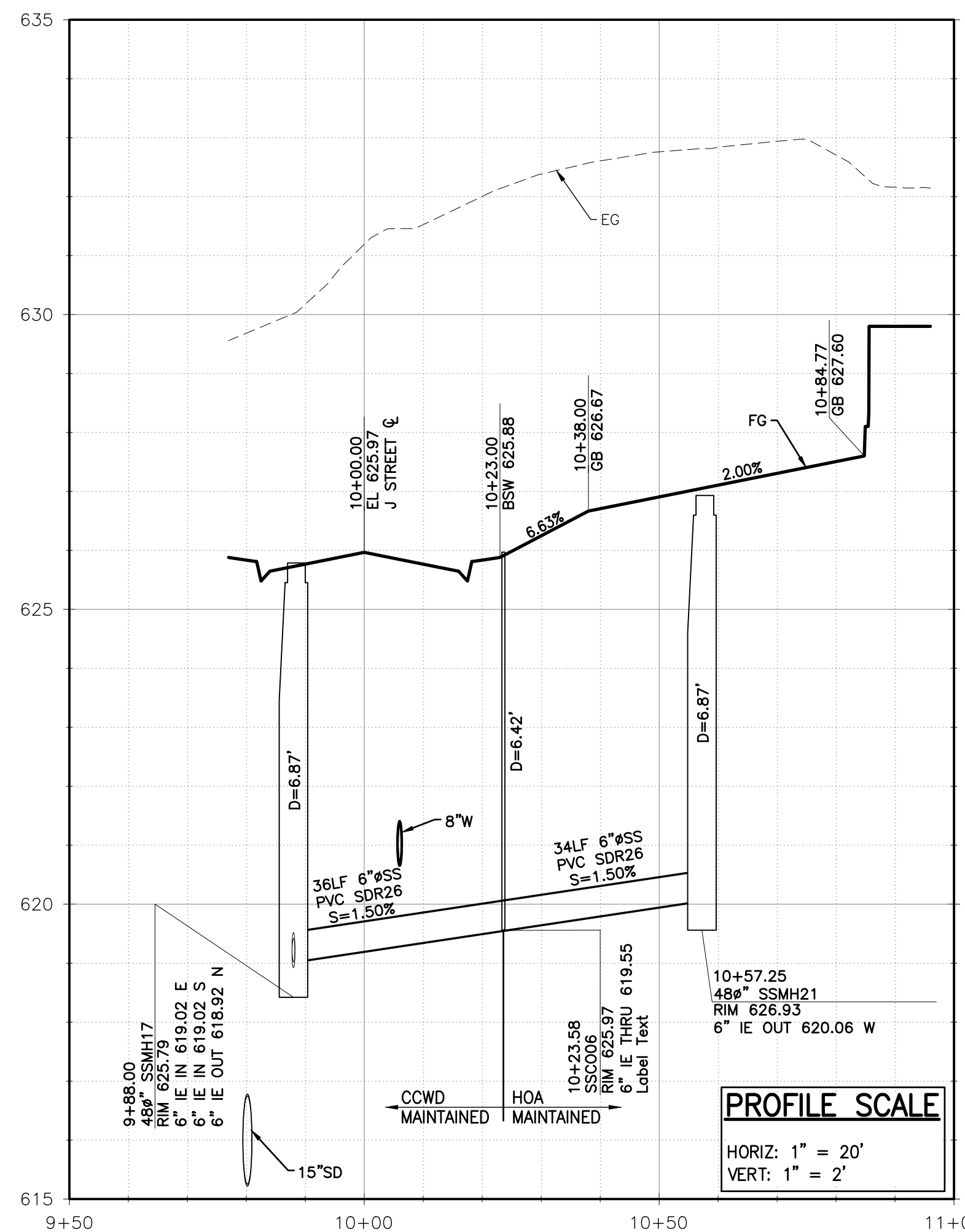
ROAD GG $\phi$ DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	S89° 53' 04"E	119.00		



ROAD HH $\phi$ DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	N0° 06' 56"E	182.75		



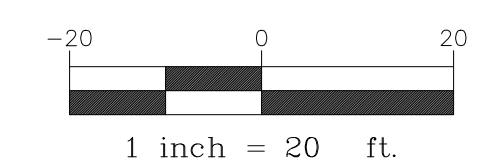
ROAD KK $\phi$ DATA				
SEGMENT NO.	BEARING/CHORD	LENGTH	RADIUS	DELTA
(L1)	S0° 06' 56"W	200.50		



**CONSTRUCTION NOTES:**

- ⑥ SEWER SERVICES PER CCWD STD. DTL. S01
- ⑨ SEWER MANHOLE PER CCWD STD. DTL. S02, S02A, & S02B

**GRAPHIC SCALE**



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 20'  
 (V): 1" = 2'



PREPARED UNDER THE DIRECTIONS OF:

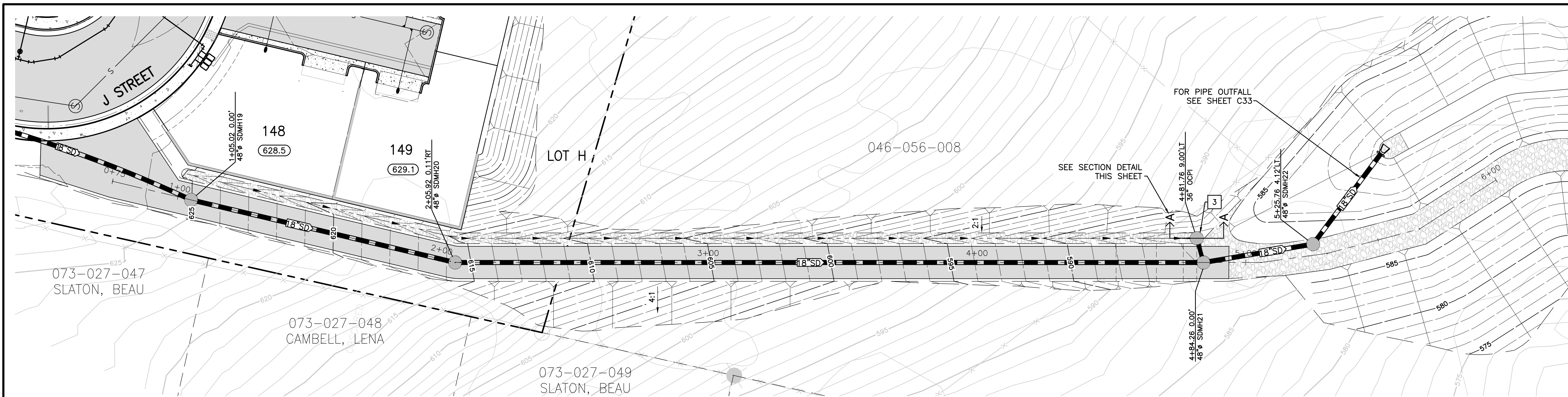
**RICK ENGINEERING COMPANY**  
 M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
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**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**PLAN & PROFILE AUTO COURTS**  
 ROAD GG, ROAD HH & ROAD KK  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

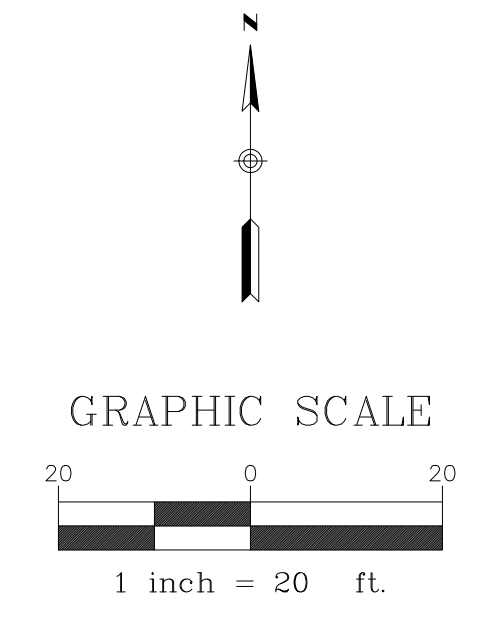
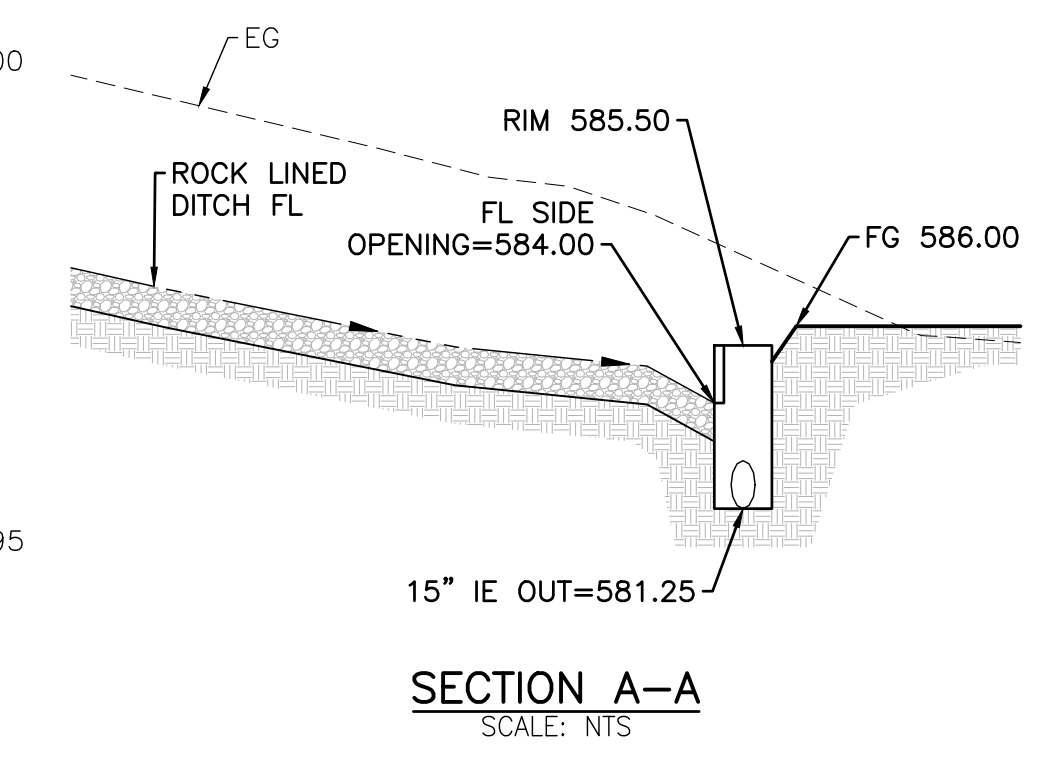
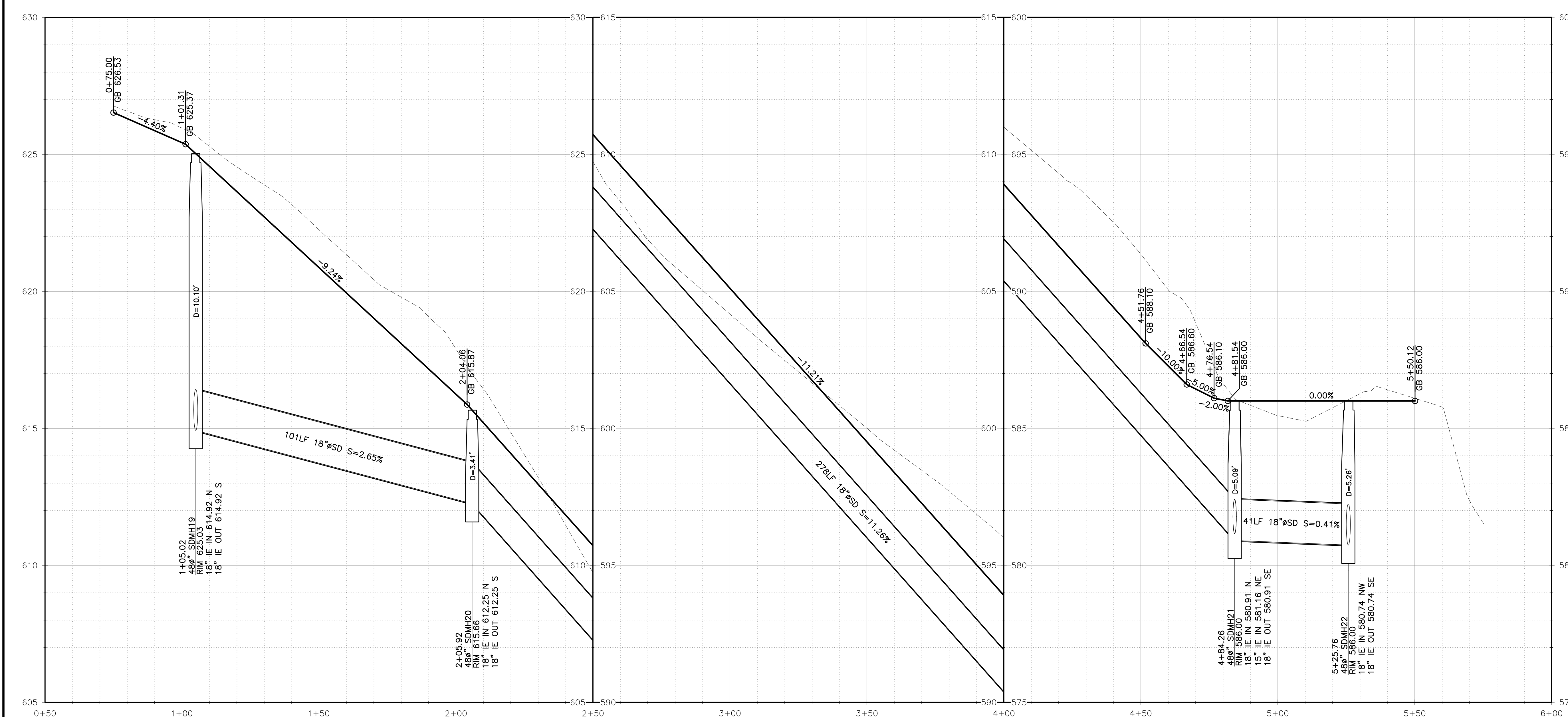
DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C28
OF 43 SHEETS	





**DRAIN INLETS**

3 CONSTRUCT 36" OCPI PER CALTRANS STD PLAN D75B  
 INSTALL GRATE PER GCP & SIDE OPENING PER SECTION B-B ON STD PLAN D75B  
 SEE SHEET C31 FOR CALTRANS STD PLAN D75B  
 RIM 585.50  
 FL SIDE OPENING=584.00  
 15" IE OUT=581.25  
 CONNECT TO SDMH W/  
 9.3LF @ S=1.00%



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 20'  
 (V): 1" = 2'



PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
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 916.638.8200  
 rickengineering.com

M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

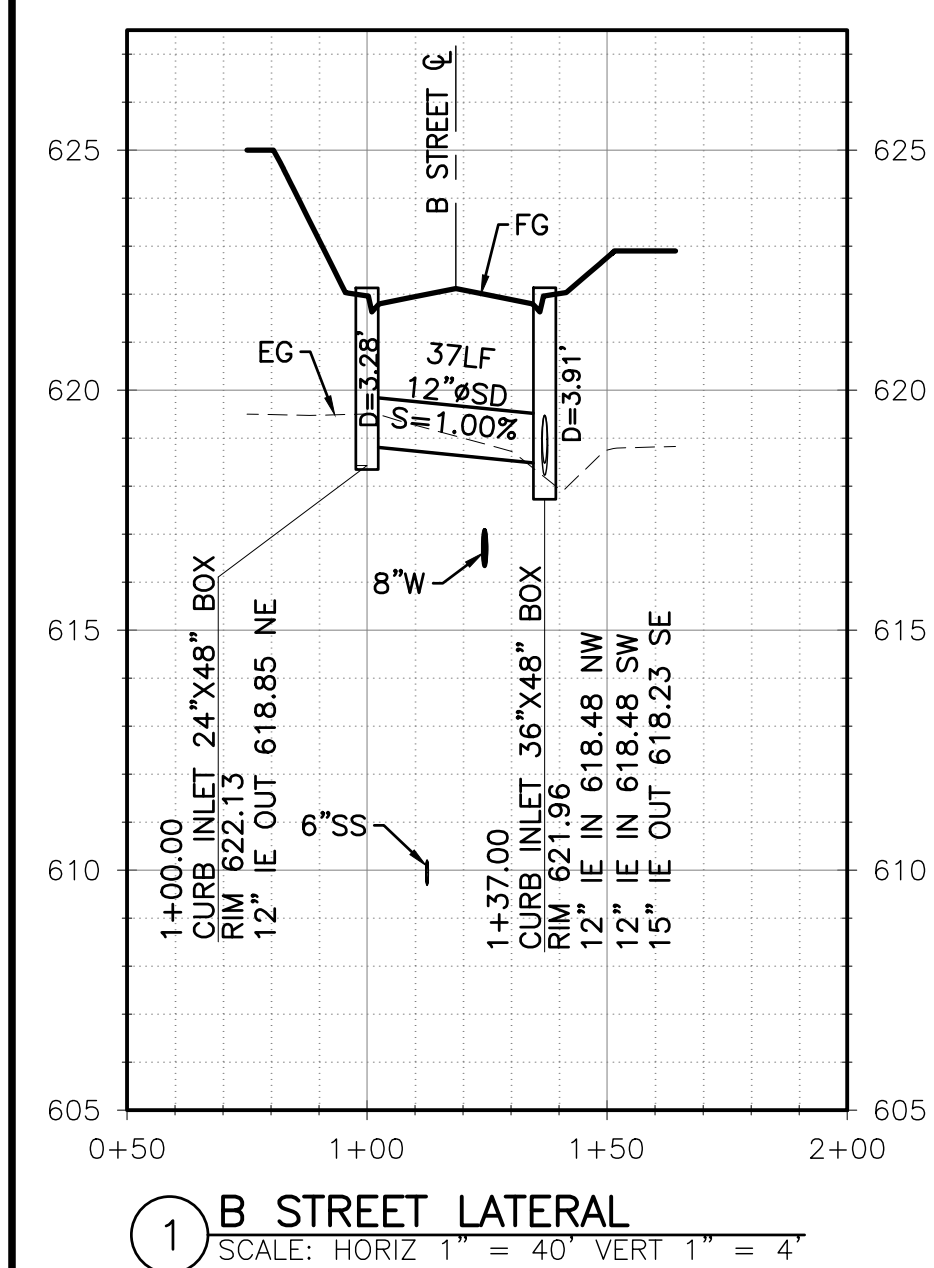
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 FOLSOM, CA 95630  
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 rickengineering.com

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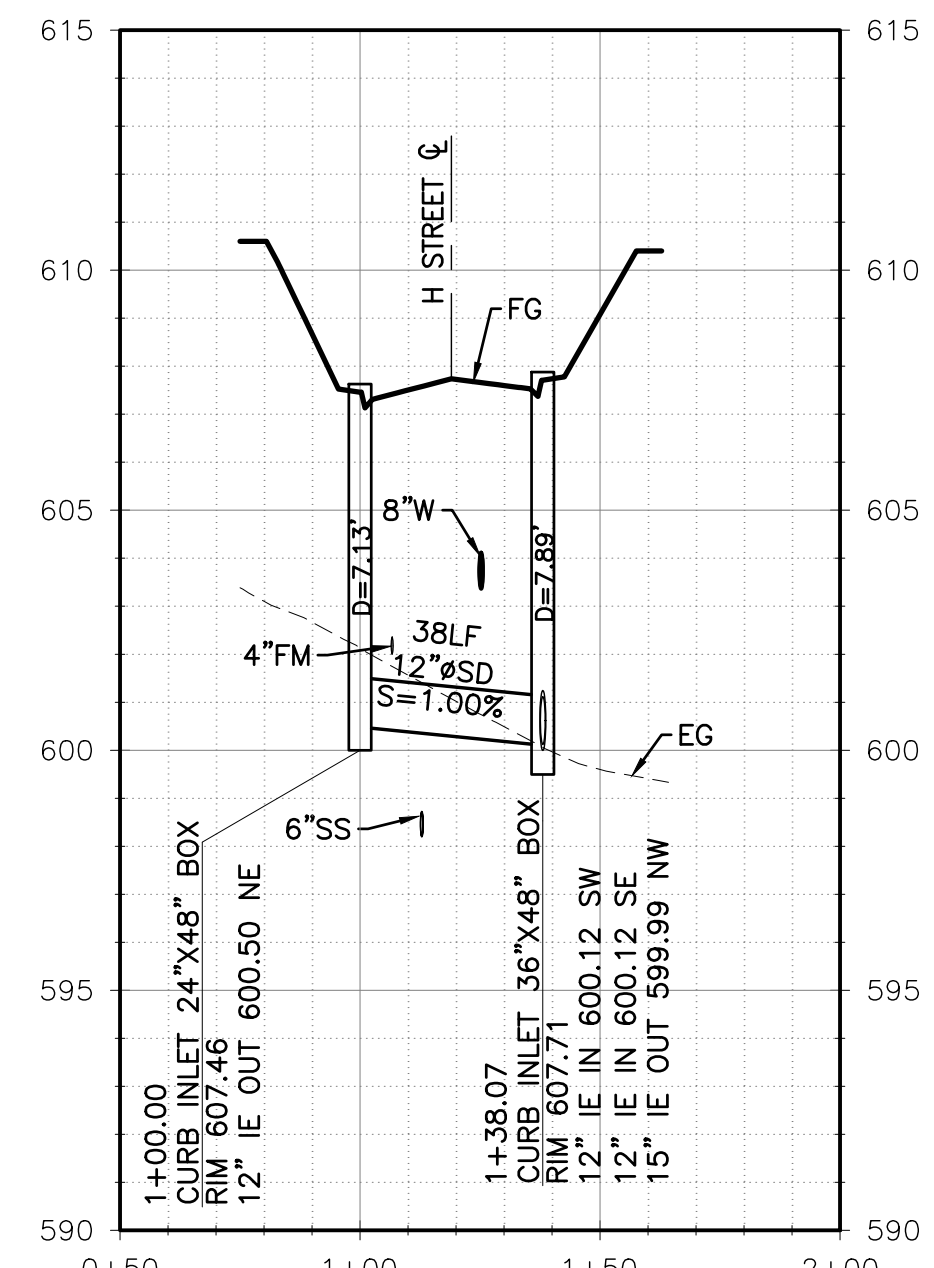
**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**OFFSITE DRAINAGE**

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

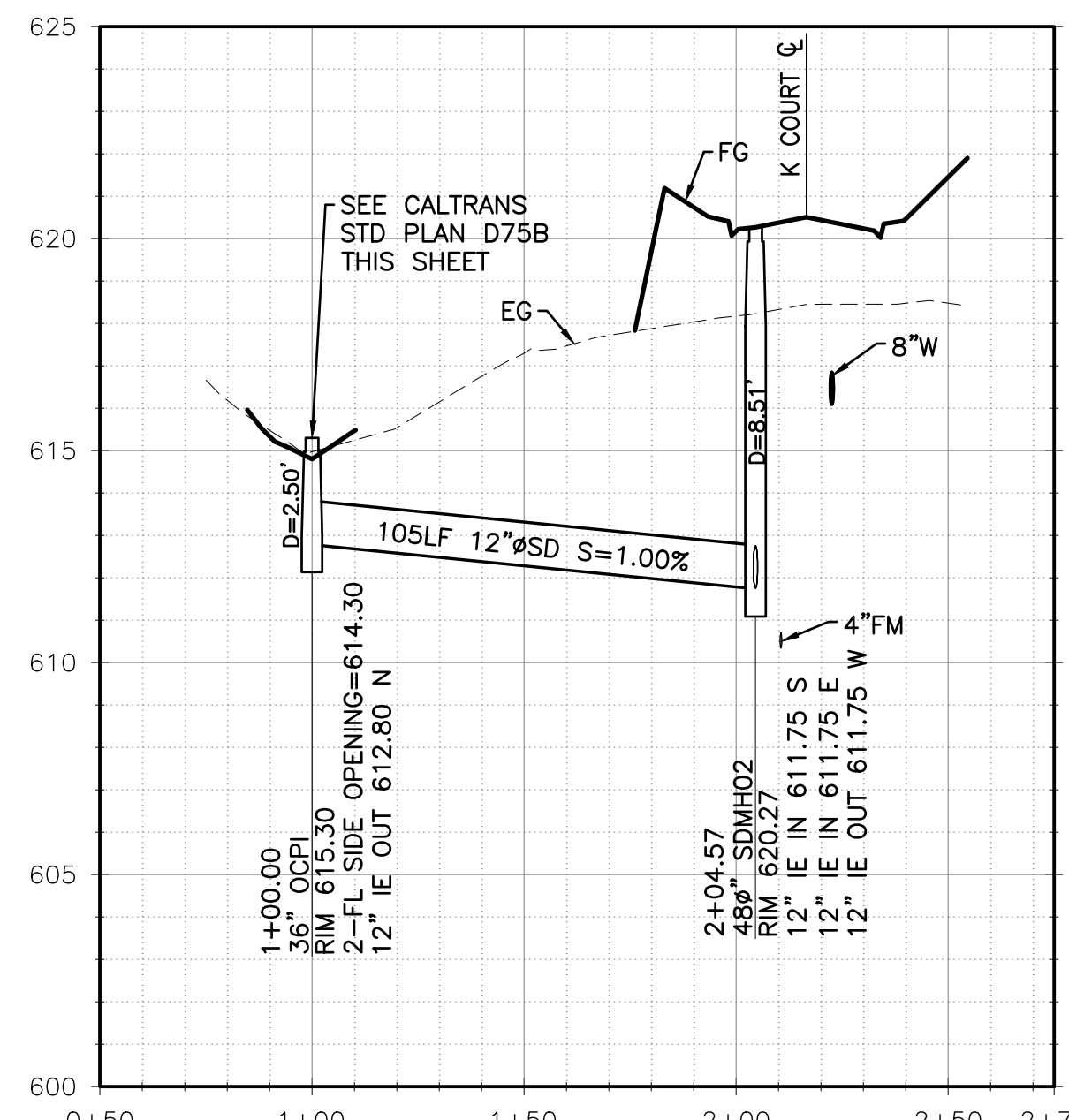
DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C30  
 OF 43 SHEETS



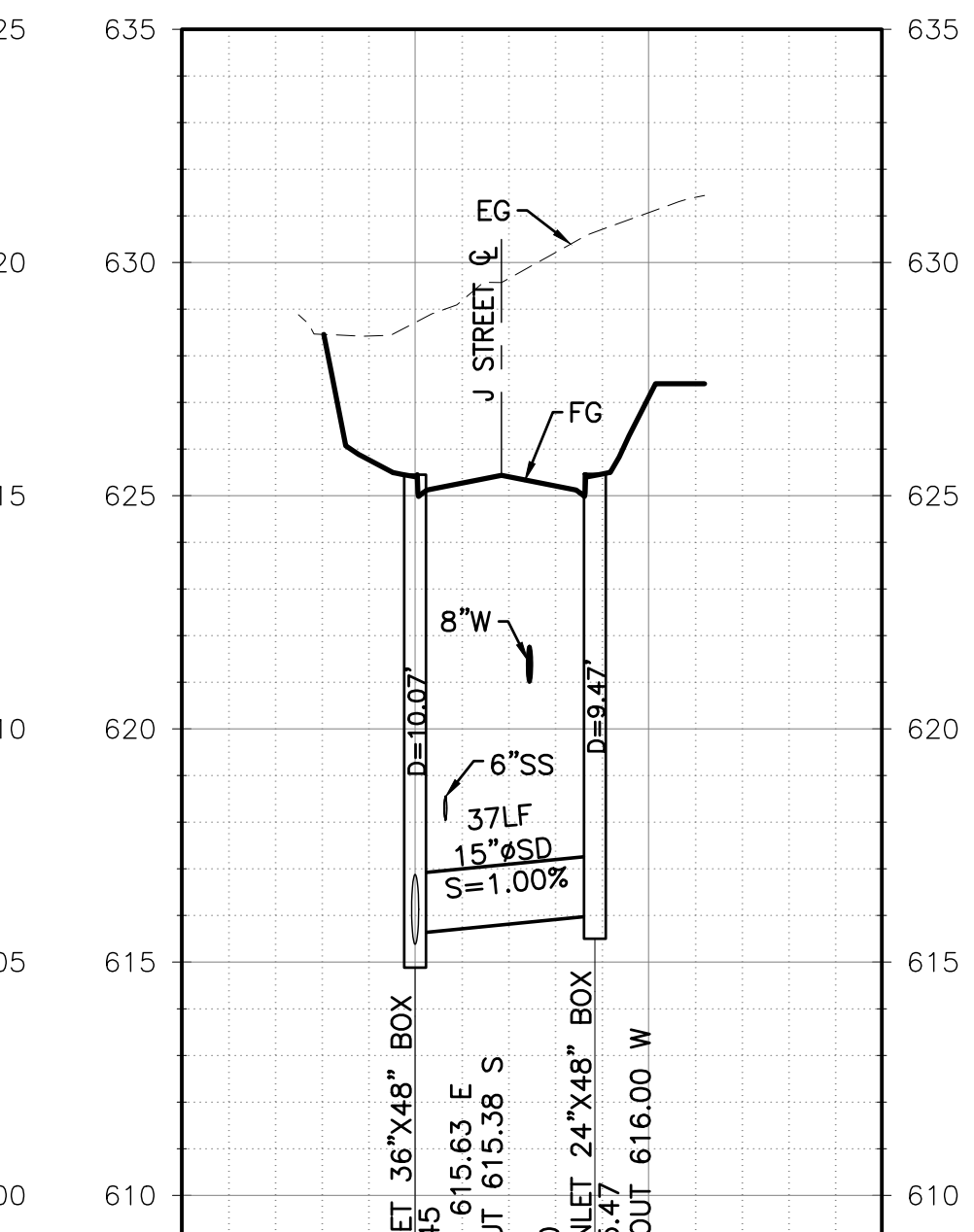
1 B STREET LATERAL  
SCALE: HORIZ 1" = 40' VERT 1" = 4'



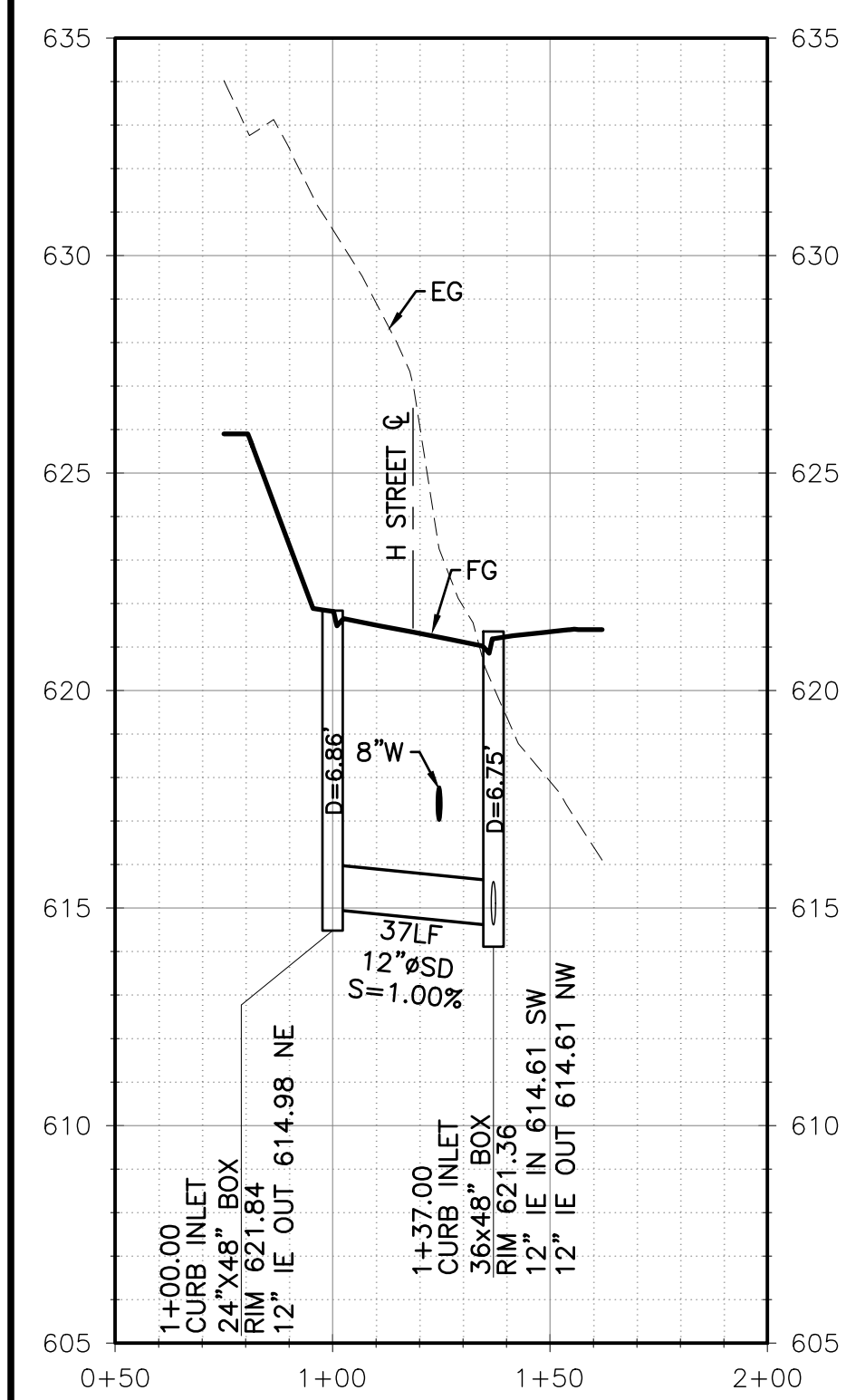
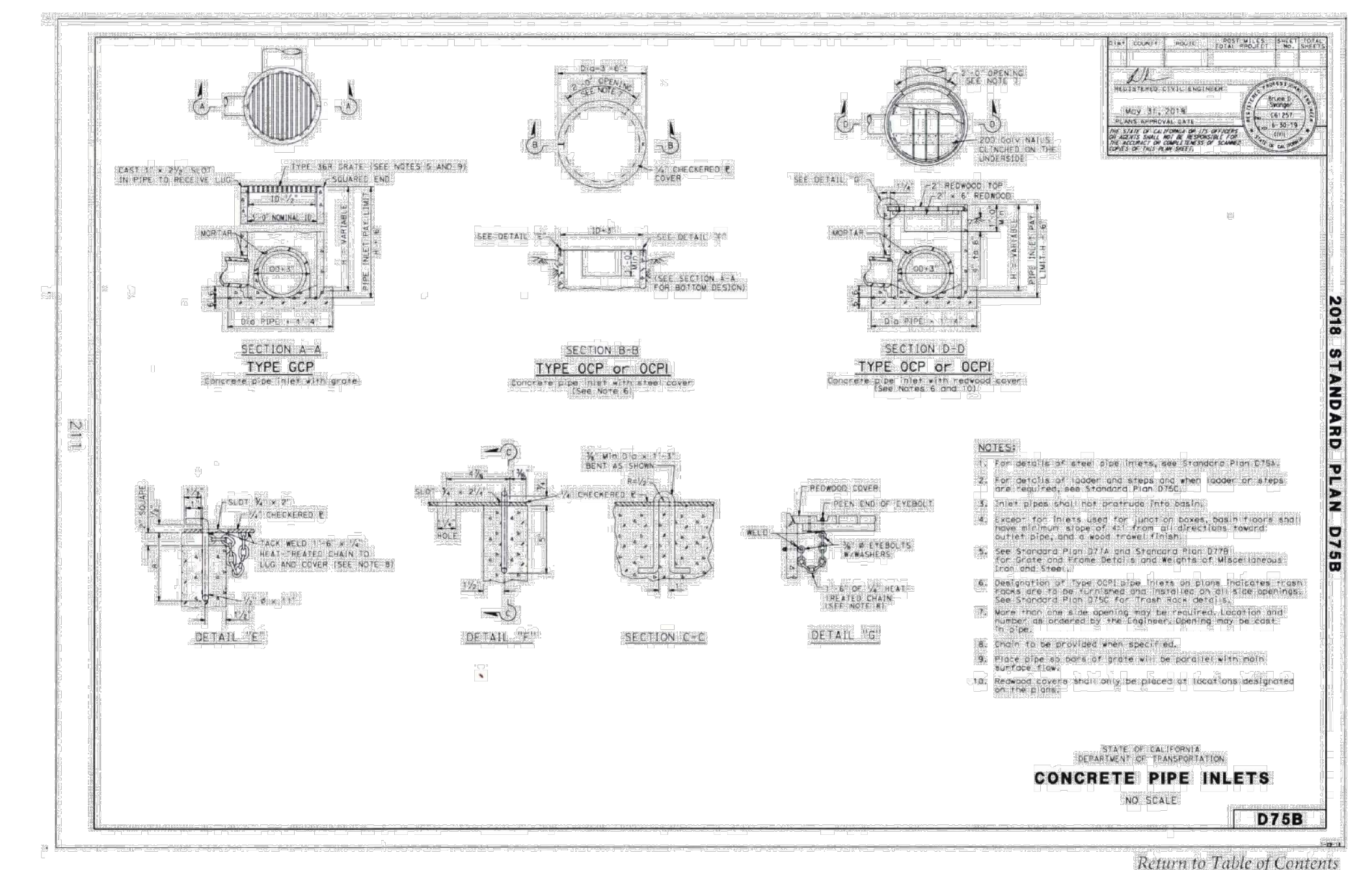
2 I STREET LATERAL  
SCALE: HORIZ 1" = 40' VERT 1" = 4'



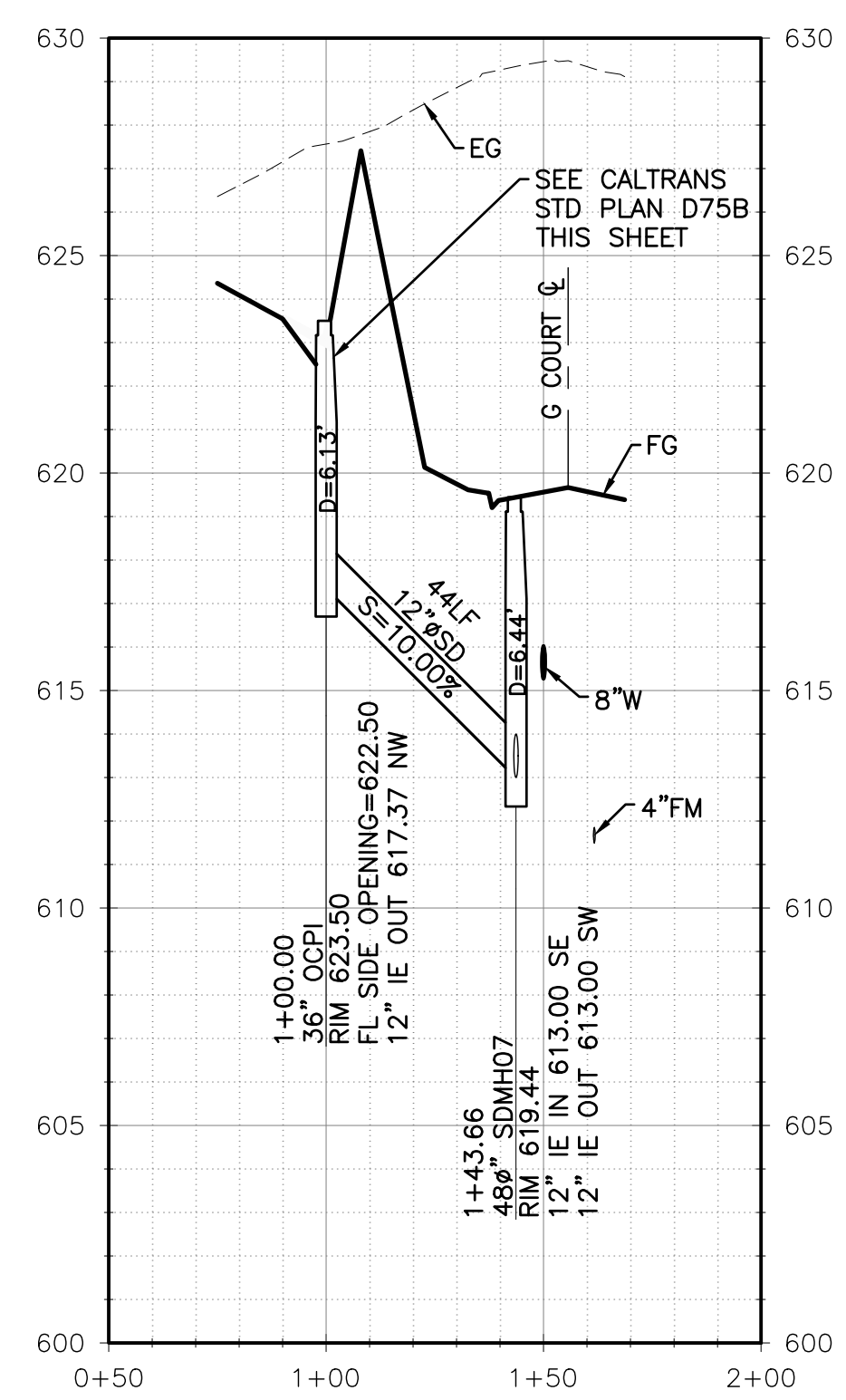
3 LOT E SD  
SCALE: HORIZ 1" = 40' VERT 1" = 4'



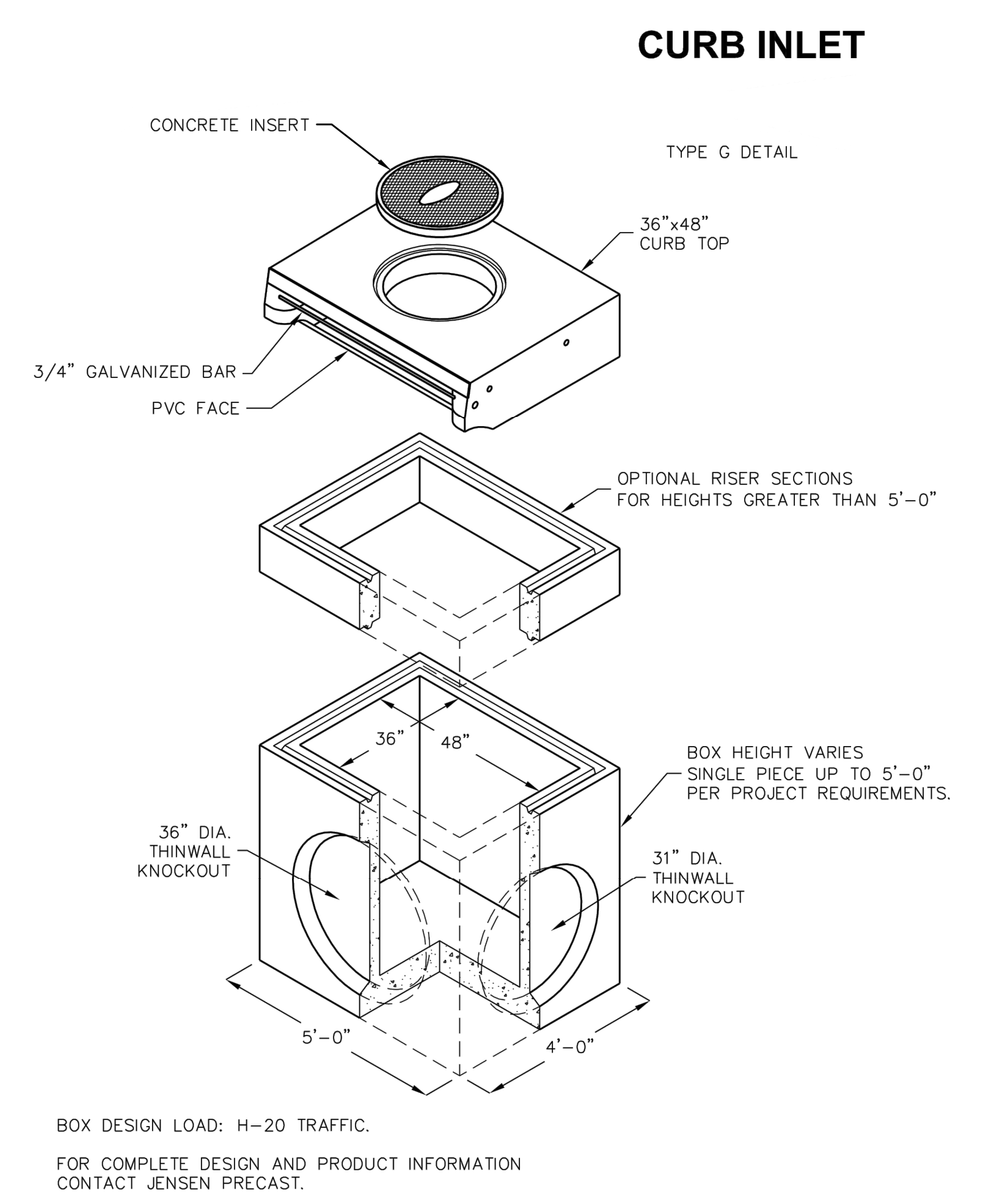
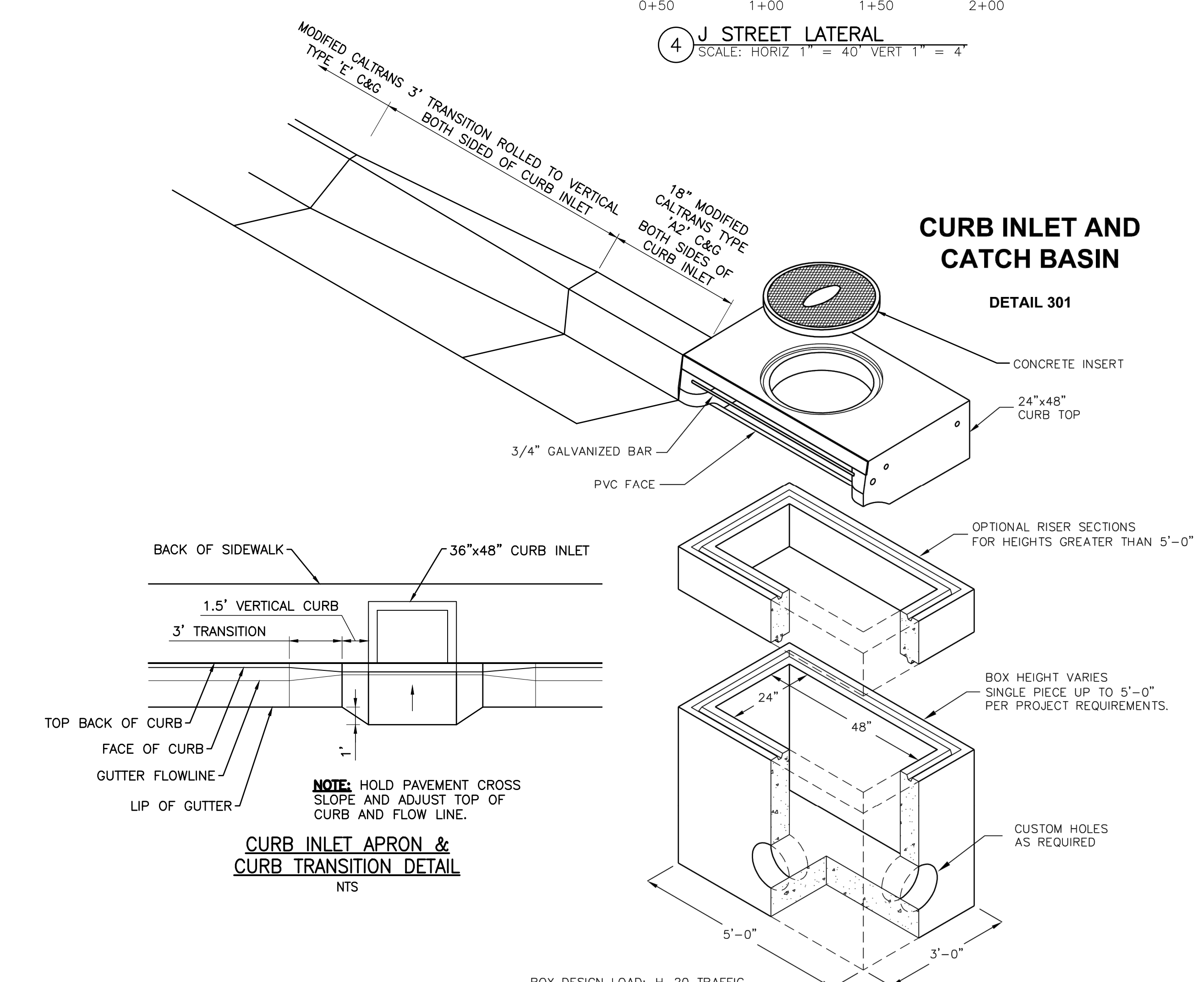
4 J STREET LATERAL  
SCALE: HORIZ 1" = 40' VERT 1" = 4'



5 H STREET LATERAL  
SCALE: HORIZ 1" = 40' VERT 1" = 4'



6 LOT D SD  
SCALE: HORIZ 1" = 40' VERT 1" = 4'



REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): 1" = 40'  
(V): 1" = 4'



PREPARED UNDER THE DIRECTIONS OF:

M. SCOTT LILLIBRIDGE, P.E.  
RCE 52504

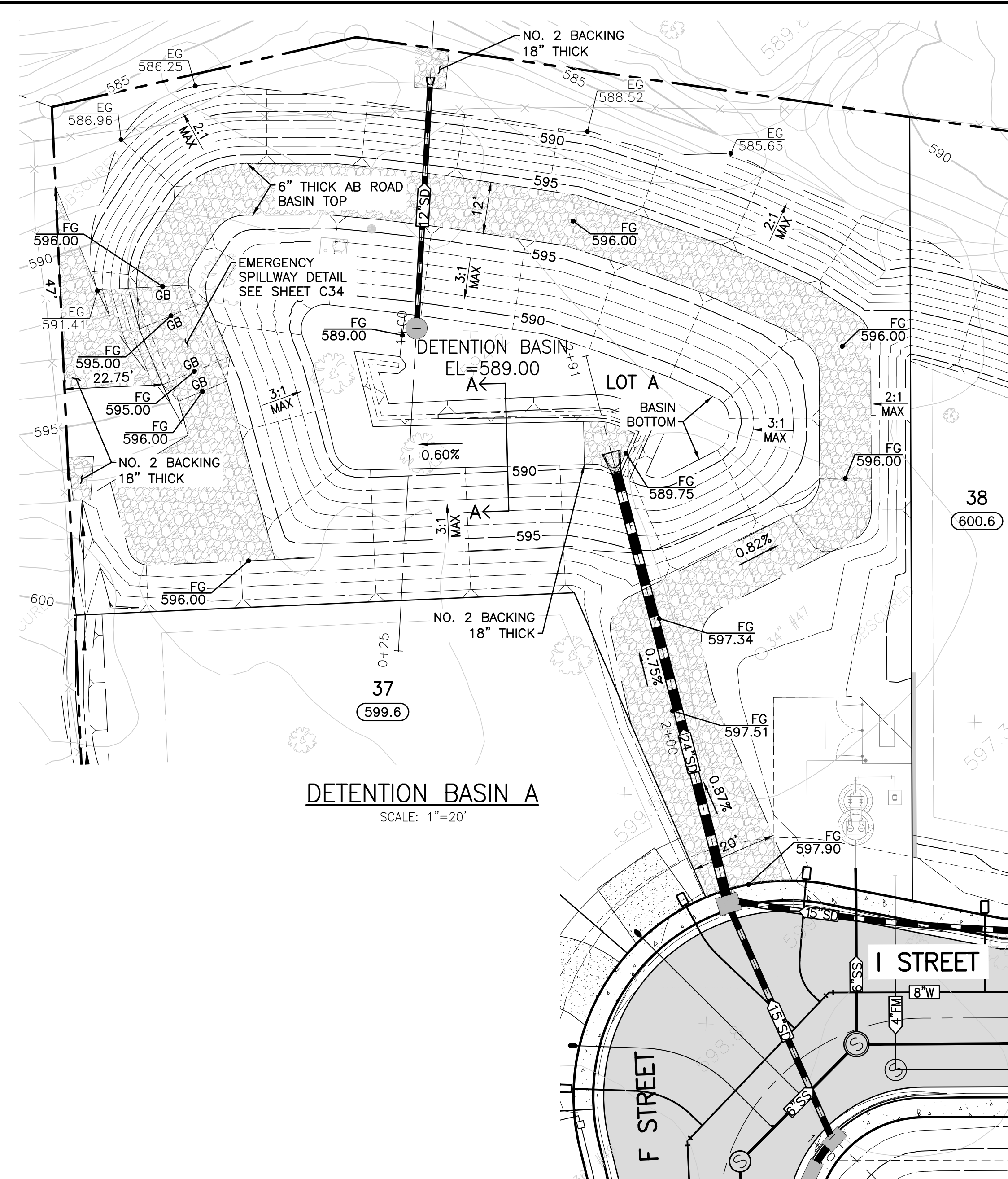
**RICK ENGINEERING COMPANY**  
2525 EAST BIDWELL STREET  
FOLSOM, CA 95630  
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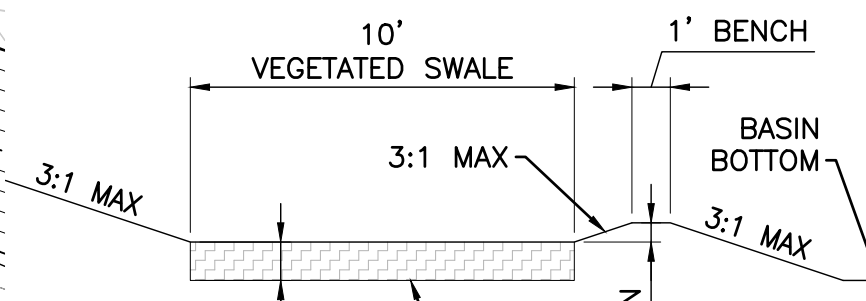
LGI HOMES - CALIFORNIA, LLC  
NORTH VISTA PLAZA  
**STORM DRAIN PROFILES**

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

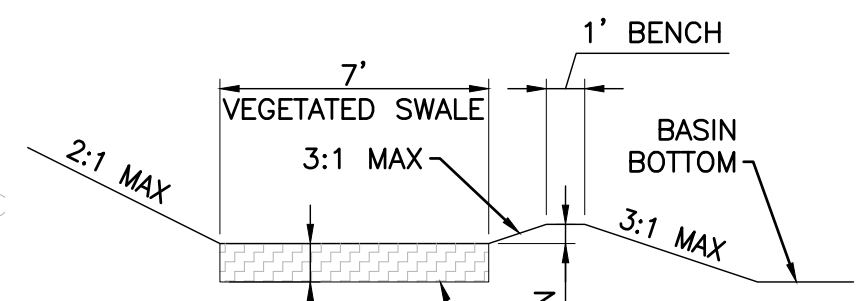
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JOB NUMBER	19361
SHEET NUMBER	C31
OF 43 SHEETS	



**DETENTION BASIN A**  
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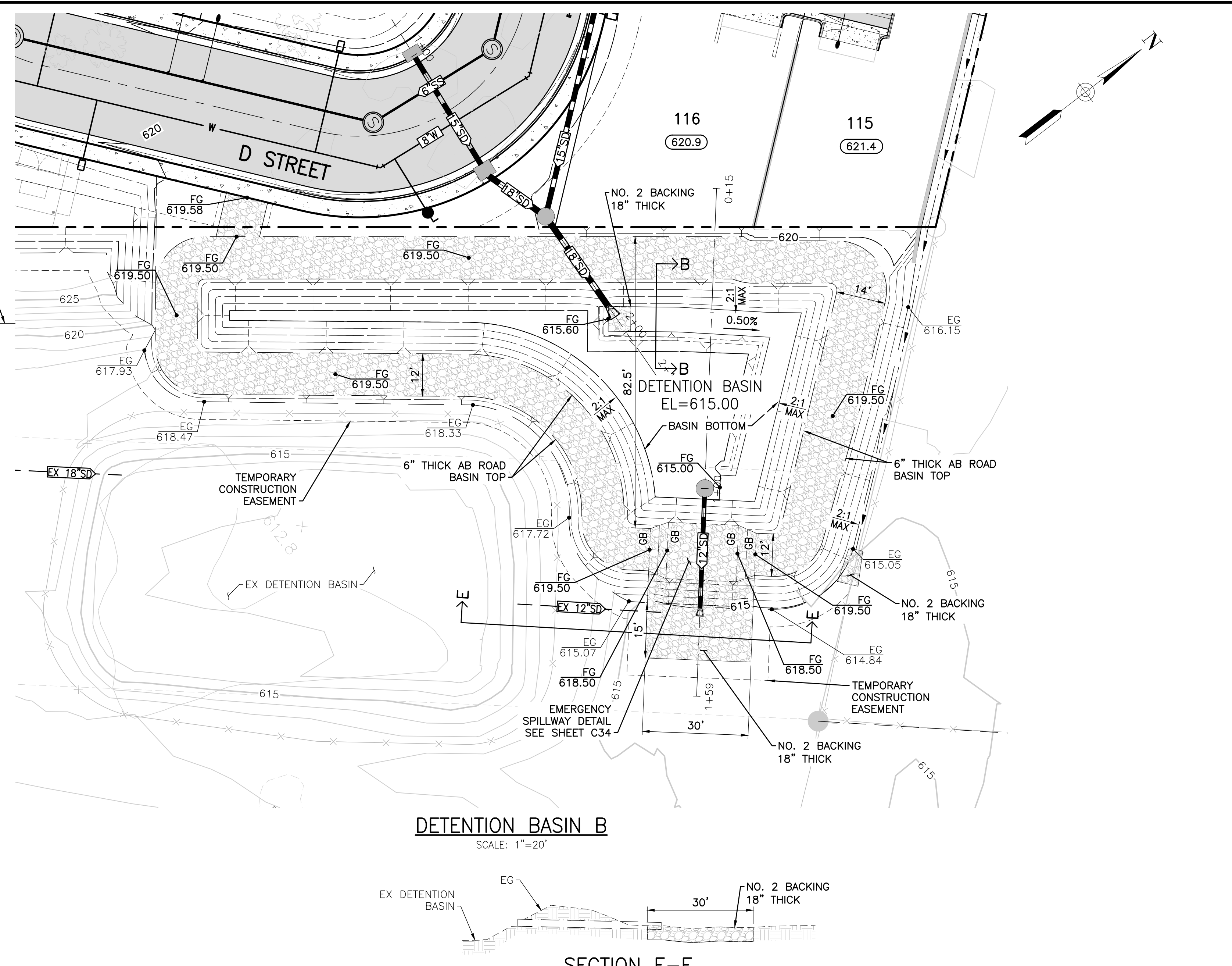


**SECTION A-A**  
NO SCALE



**SECTION B-B**  
NO SCALE

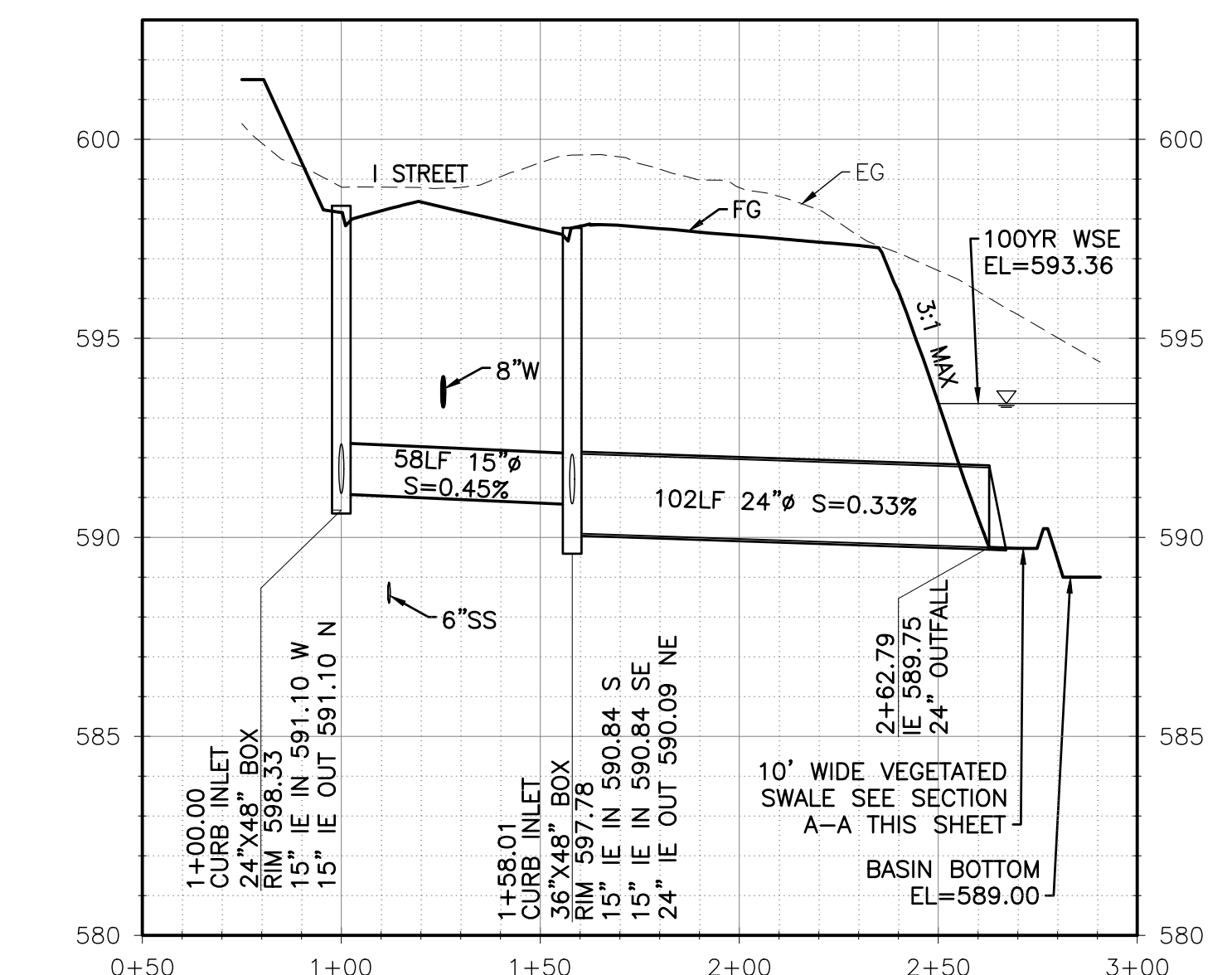
- CONSTRUCTION NOTE:**
1. THE TOP 24" OF SOIL IN EACH OF THE BASINS TO A CERTAIN ELEVATION (SEE BASIN ELEVATIONS) SHOULD CONSIST OF SANDY LOAMY TOPSOIL.
  2. FOR OUTLET MANHOLE DETAILS SEE SHEET C34.



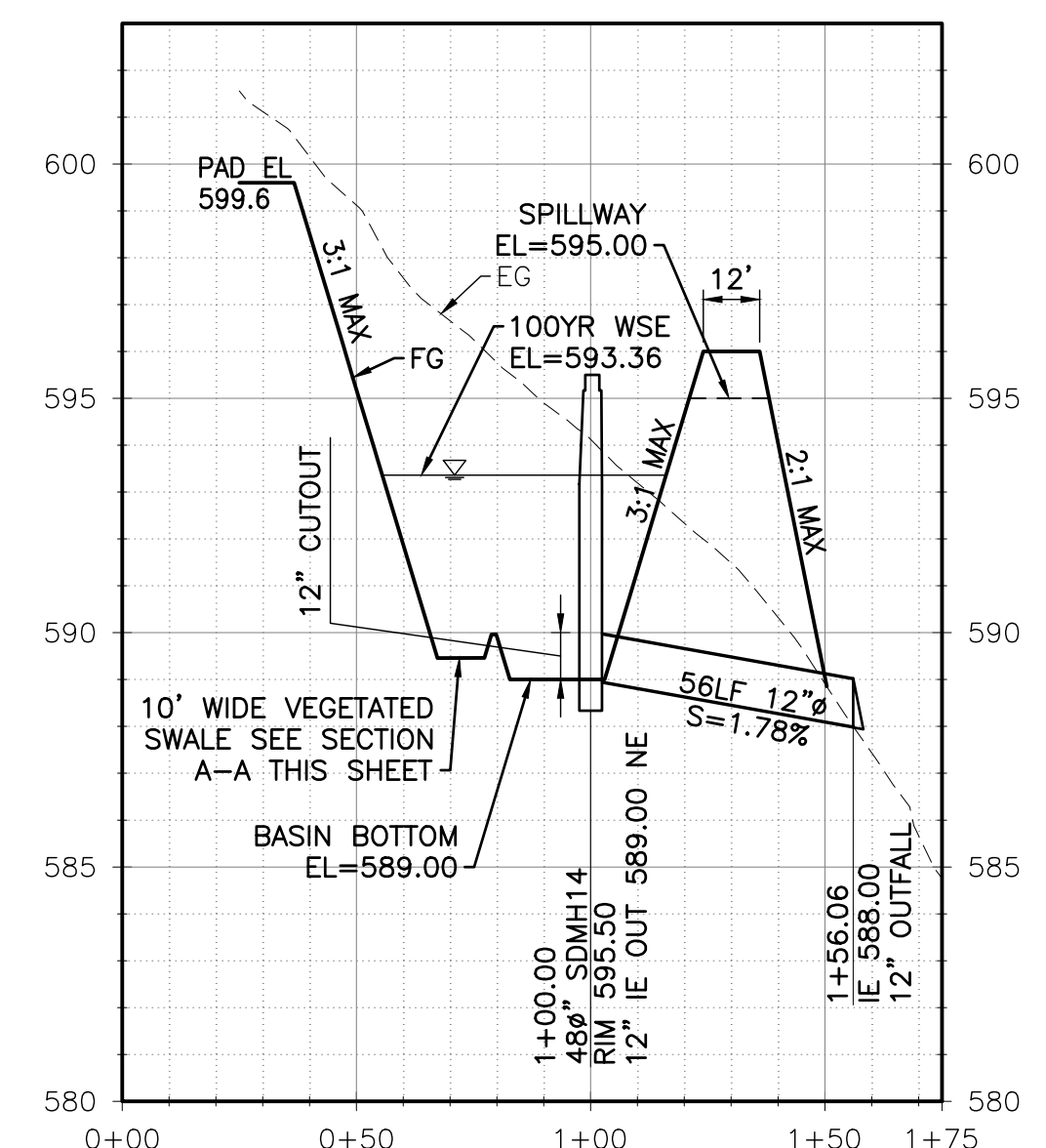
**DETENTION BASIN B**  
SCALE: 1"=20'



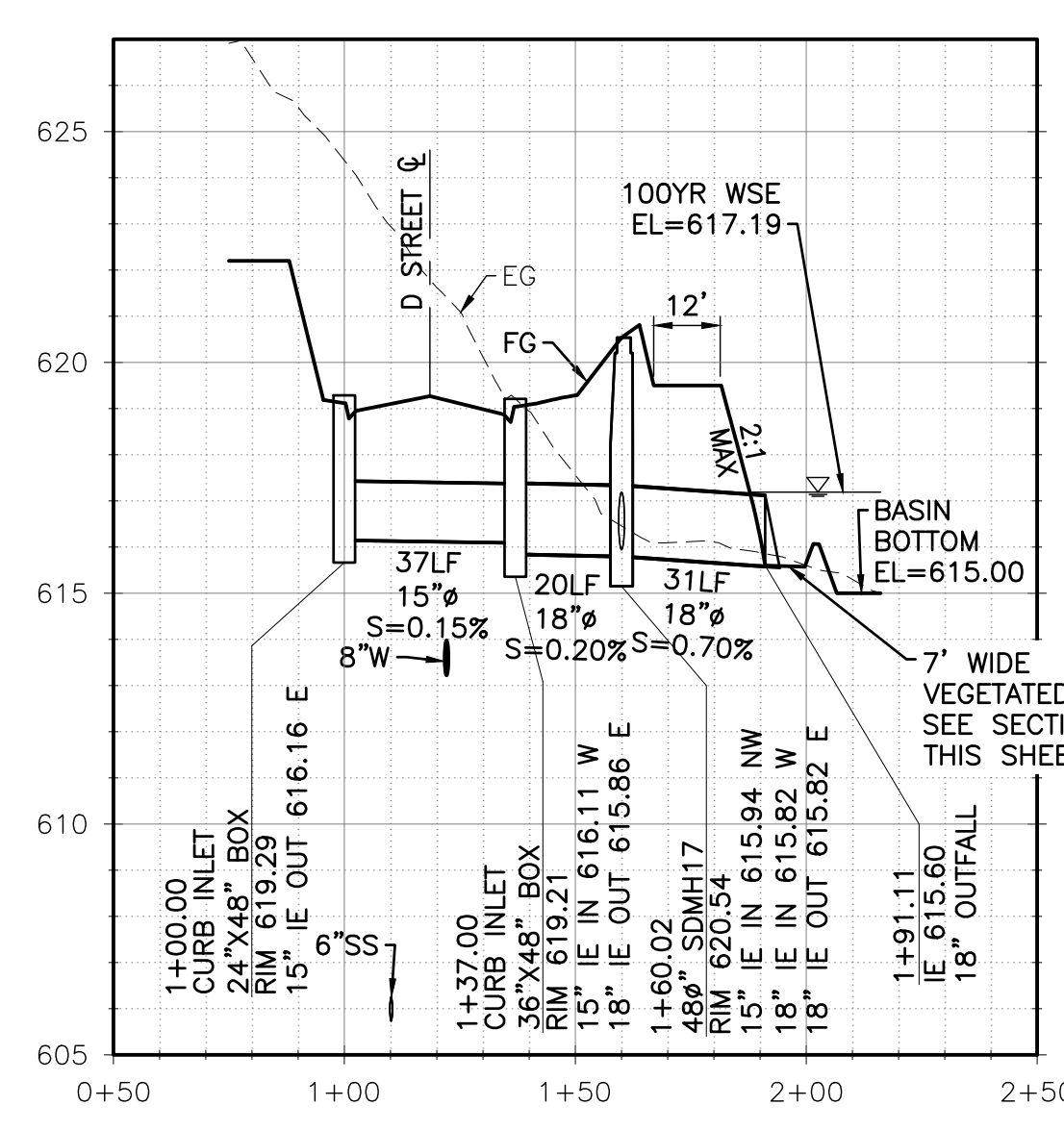
**SECTION E-E**  
NO SCALE



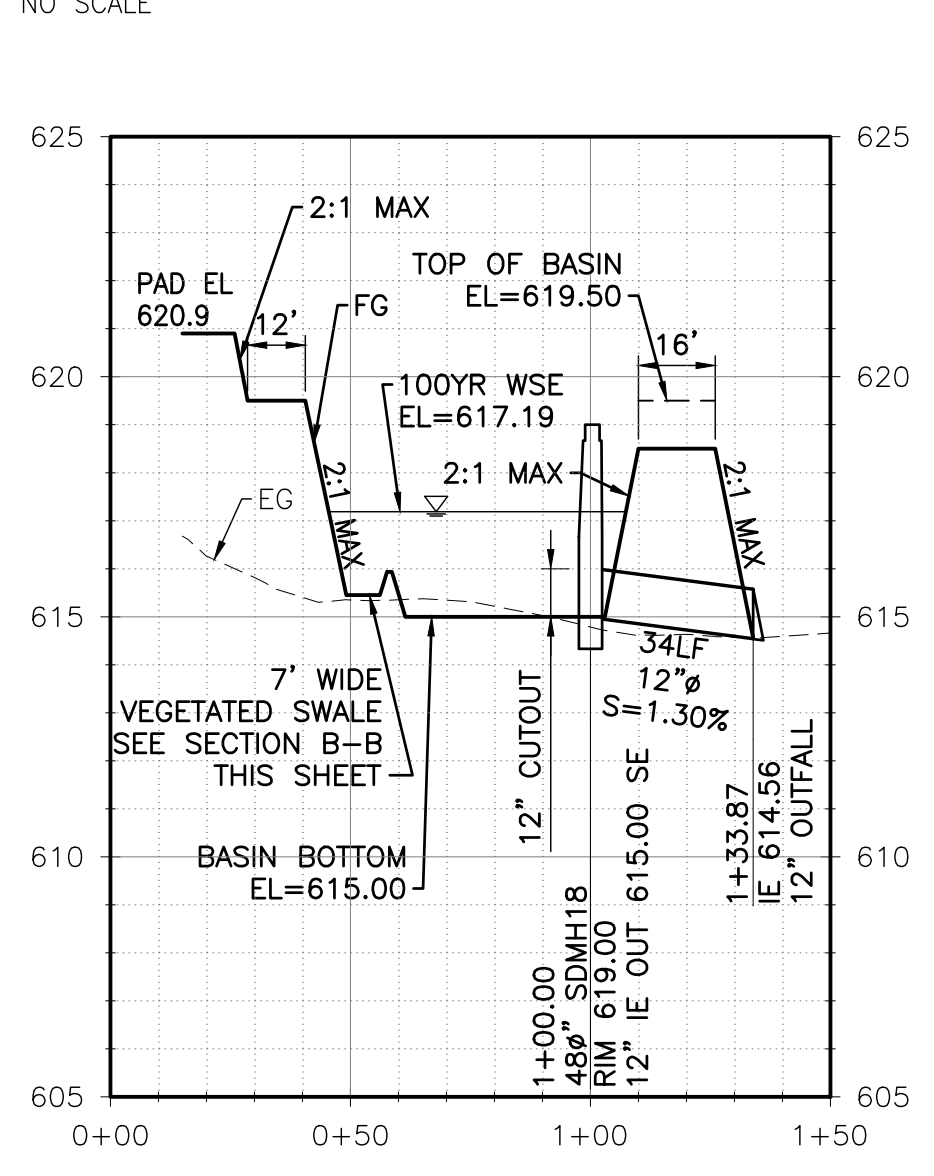
**BASIN A INLET**  
SCALE: HORIZ 1"=40'  
VERT 1"=4'



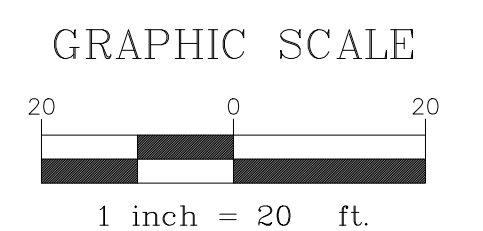
**BASIN A OUTFALL**  
SCALE: HORIZ 1"=40'  
VERT 1"=4'



**BASIN B INLET**  
SCALE: HORIZ 1"=40'  
VERT 1"=4'



**BASIN B OUTFALL**  
SCALE: HORIZ 1"=40'  
VERT 1"=4'



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): AS SHOWN  
 (V): AS SHOWN

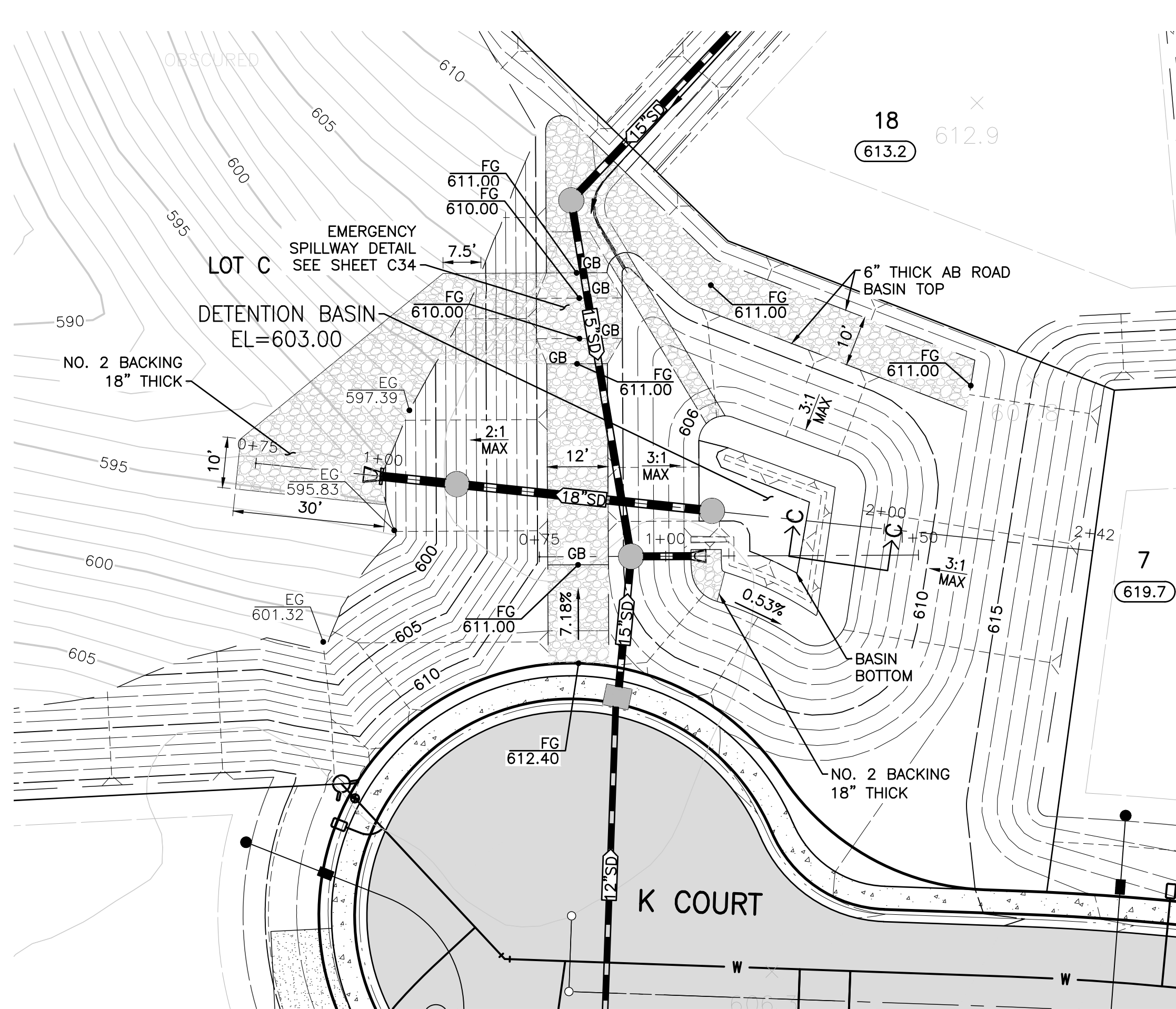
PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 No. 52504  
 CIVIL  
 M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
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**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**BASIN A & B DETAILS**

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C32  
 OF 43 SHEETS

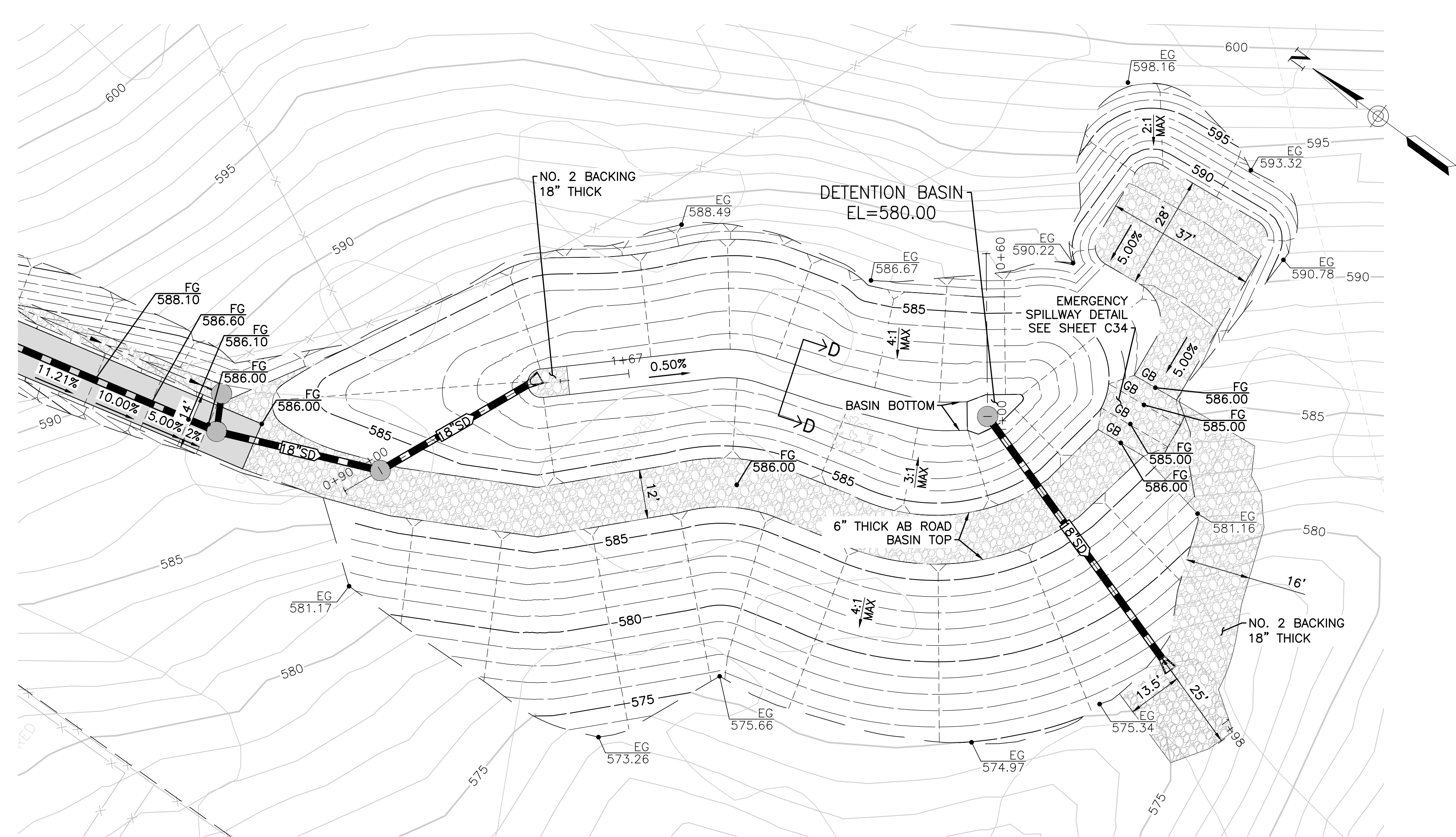


**DETECTION BASIN C**

SCALE: 1"=20'

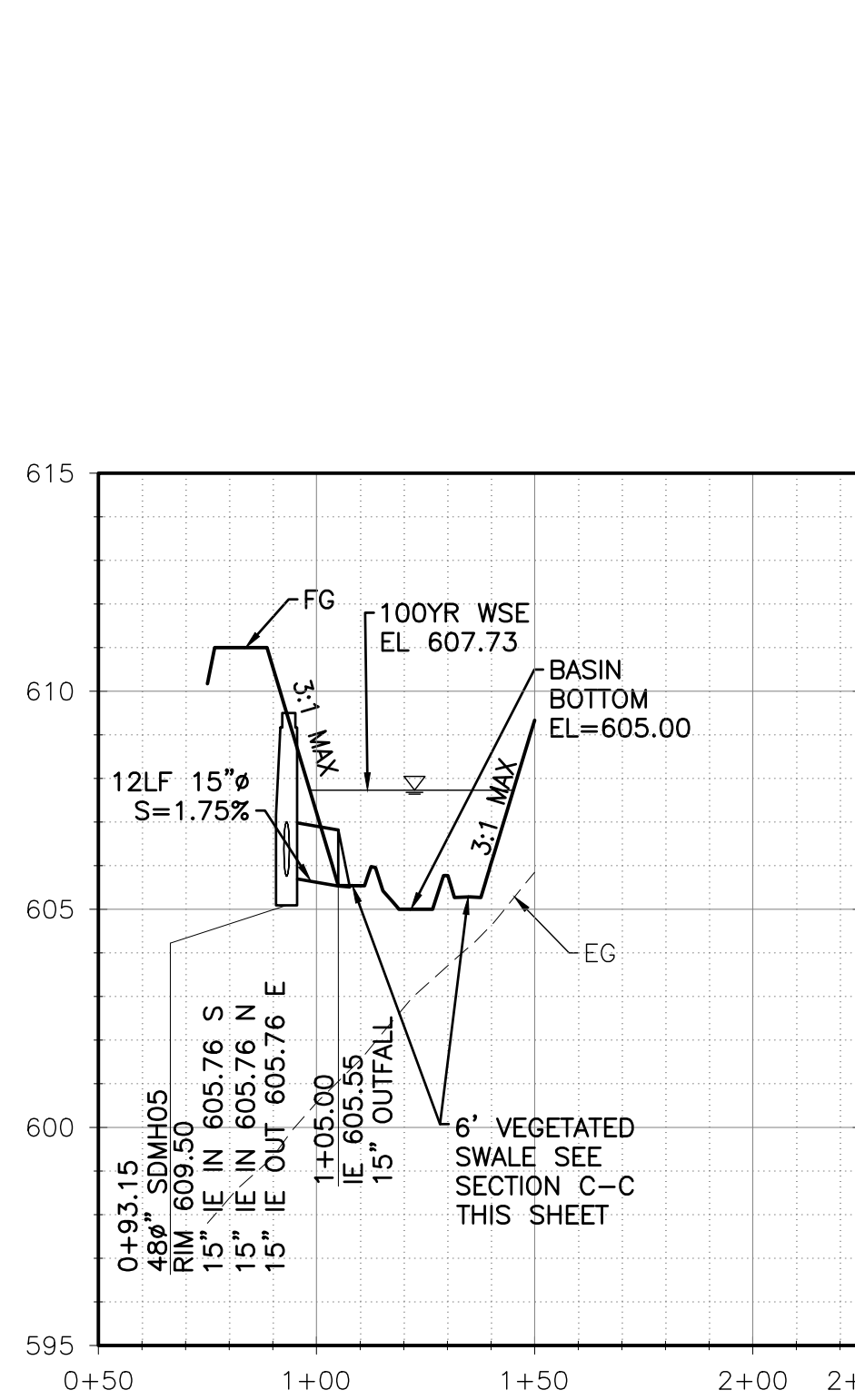
**CONSTRUCTION NOTE:**

1. THE TOP 24" OF SOIL IN EACH OF THE BASINS TO A CERTAIN ELEVATION (SEE BASIN ELEVATIONS) SHOULD CONSIST OF SANDY LOAMY TOPSOIL.
2. FOR OUTLET MANHOLE DETAILS SEE SHEET C34.



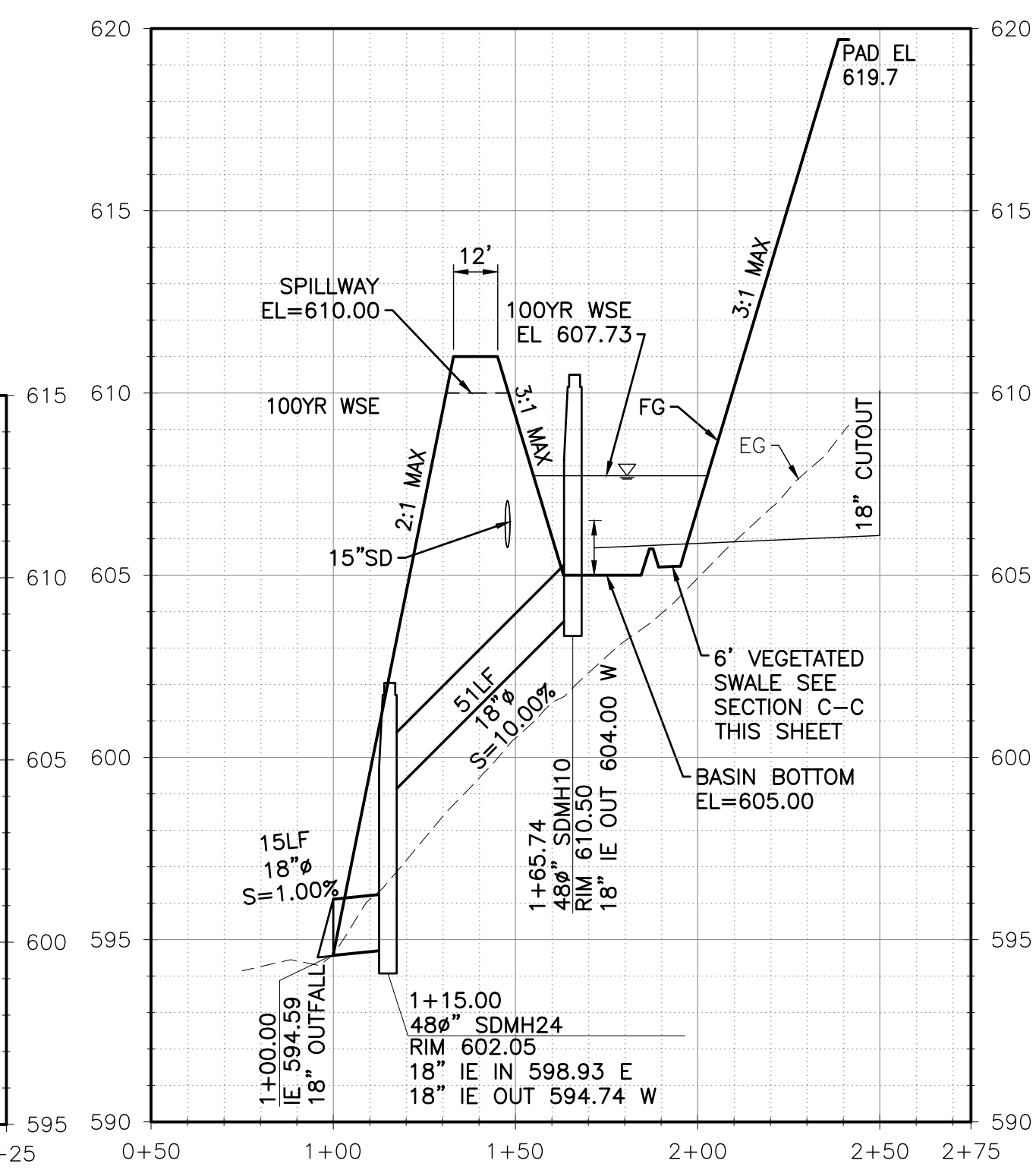
**DETECTION BASIN D**

SCALE: 1"=20'



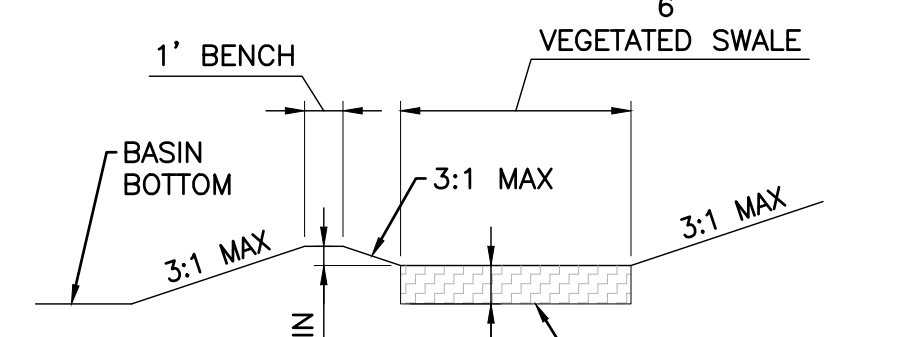
**BASIN C INLET**

SCALE: HORIZ 1"=40'  
VERT 1=4'



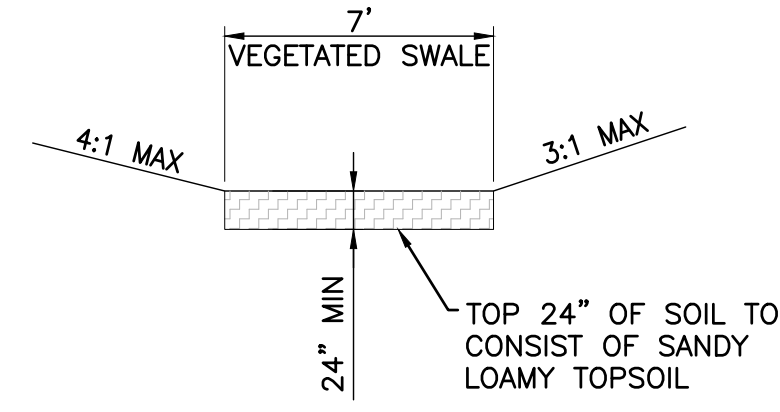
**BASIN C OUTFALL**

SCALE: HORIZ 1"=40'  
VERT 1=4'



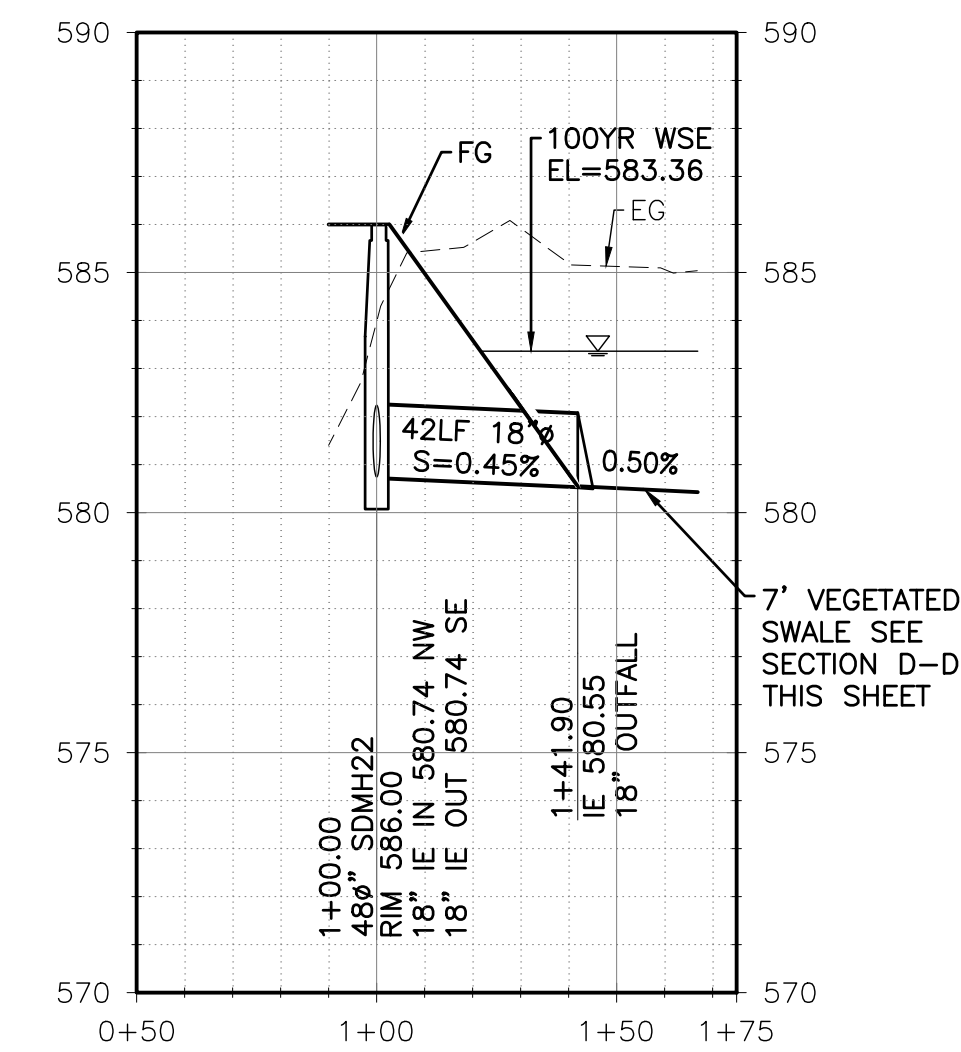
**SECTION C-C**

NO SCALE



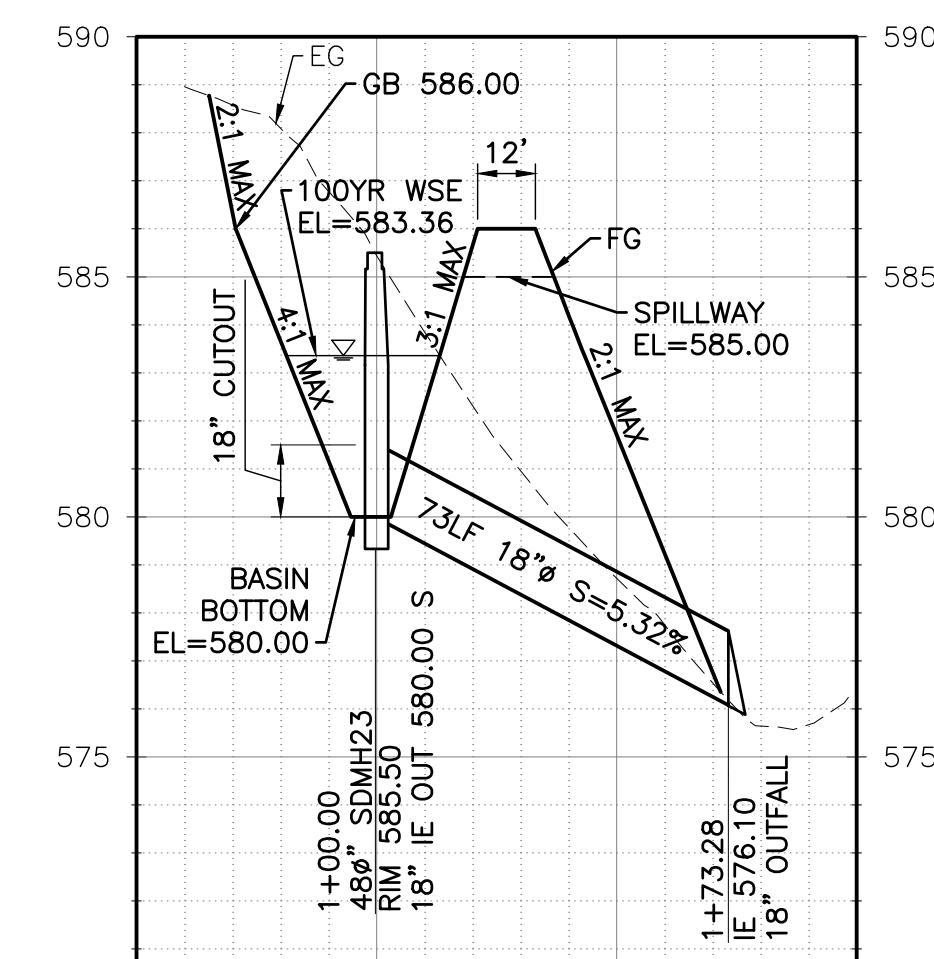
**SECTION D-D**

NO SCALE



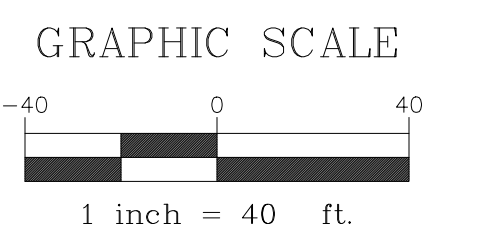
**BASIN D INLET**

SCALE: HORIZ 1"=40'  
VERT 1=4'



**BASIN D OUTFALL**

SCALE: HORIZ 1"=40'  
VERT 1=4'



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): AS SHOWN  
 (V): AS SHOWN



PREPARED UNDER THE DIRECTIONS OF:

**M. SCOTT LILLIBRIDGE, P.E.** DATE: RCE 52504

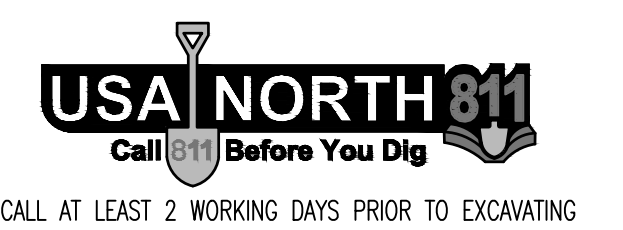
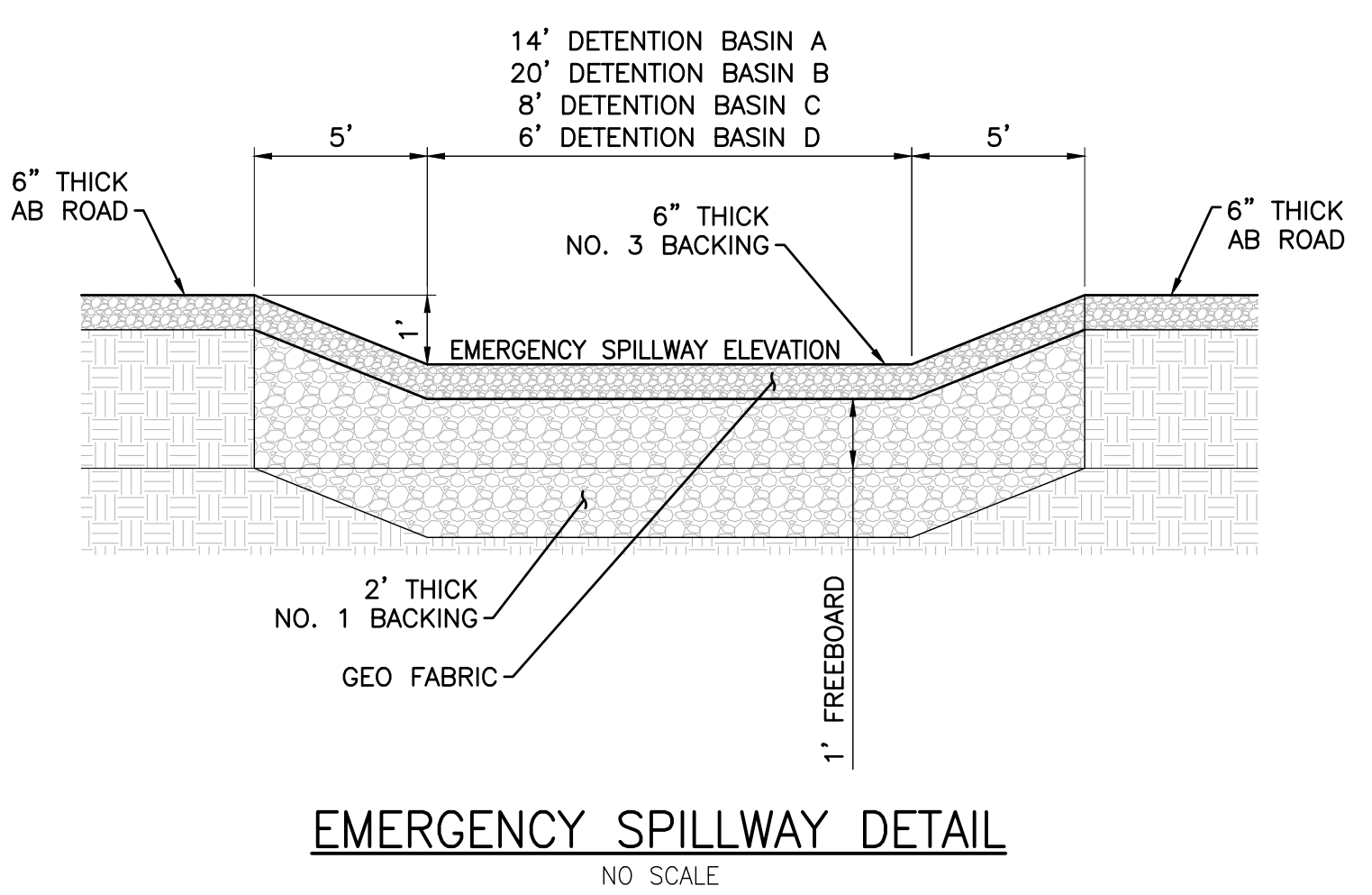
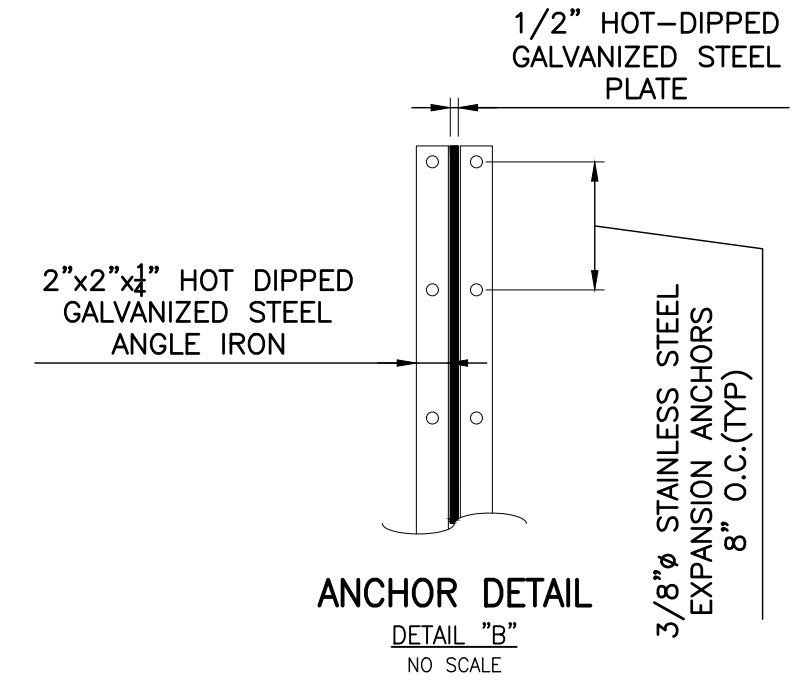
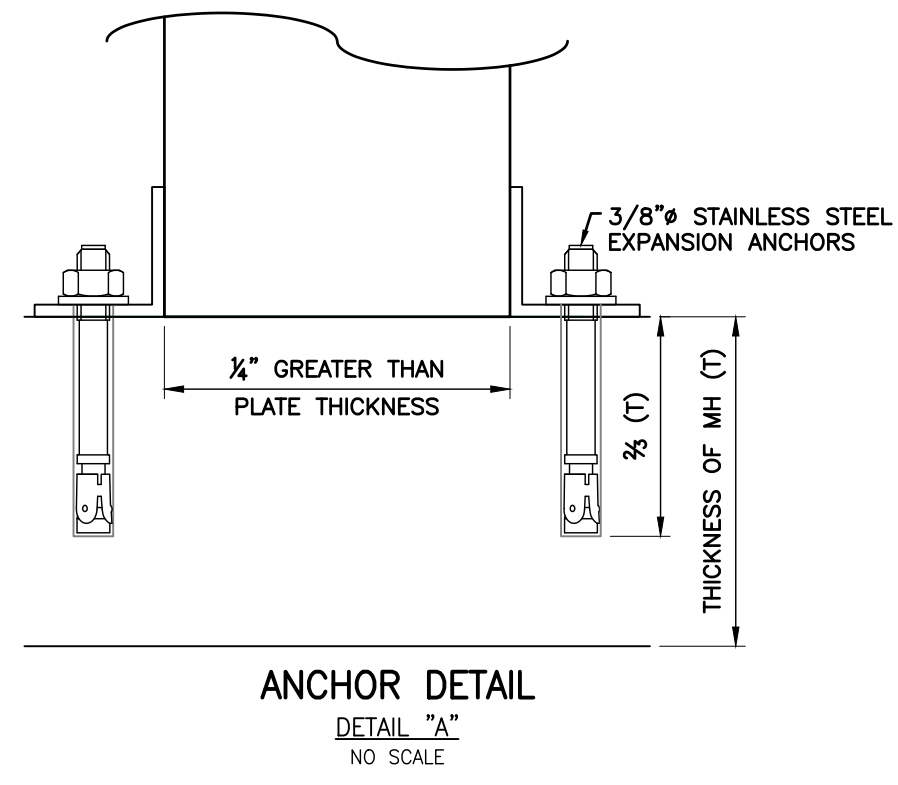
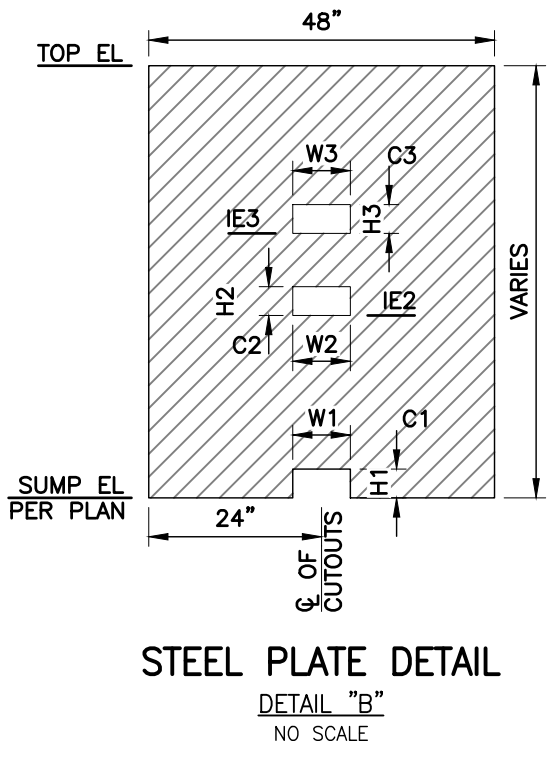
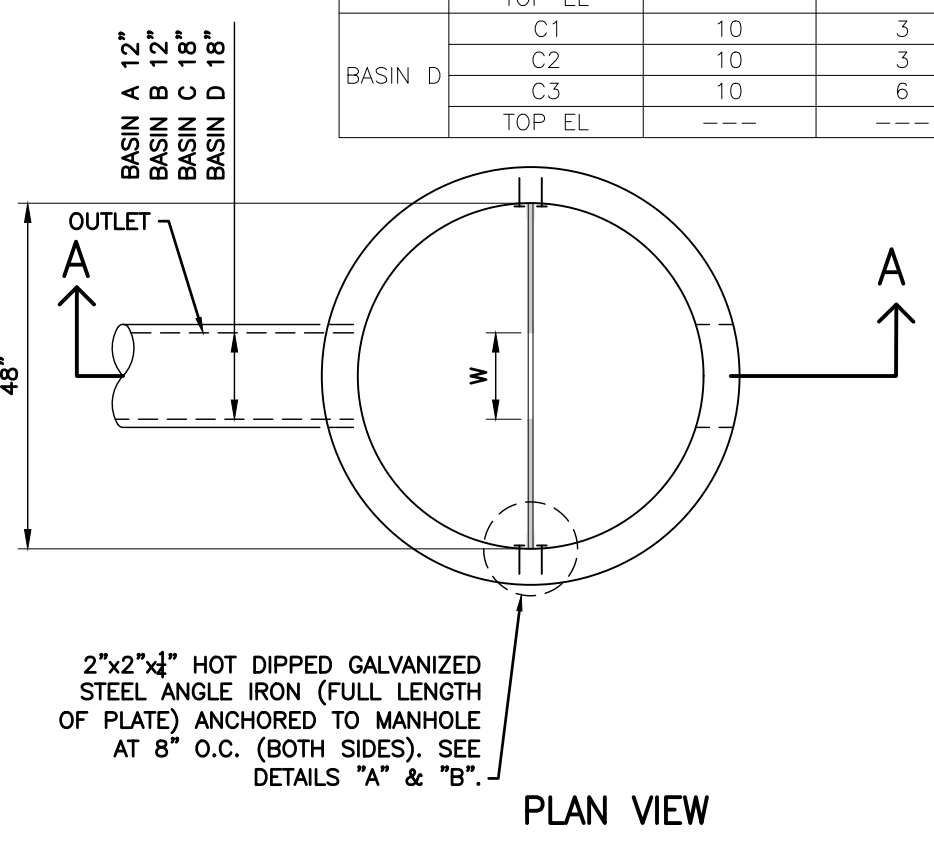
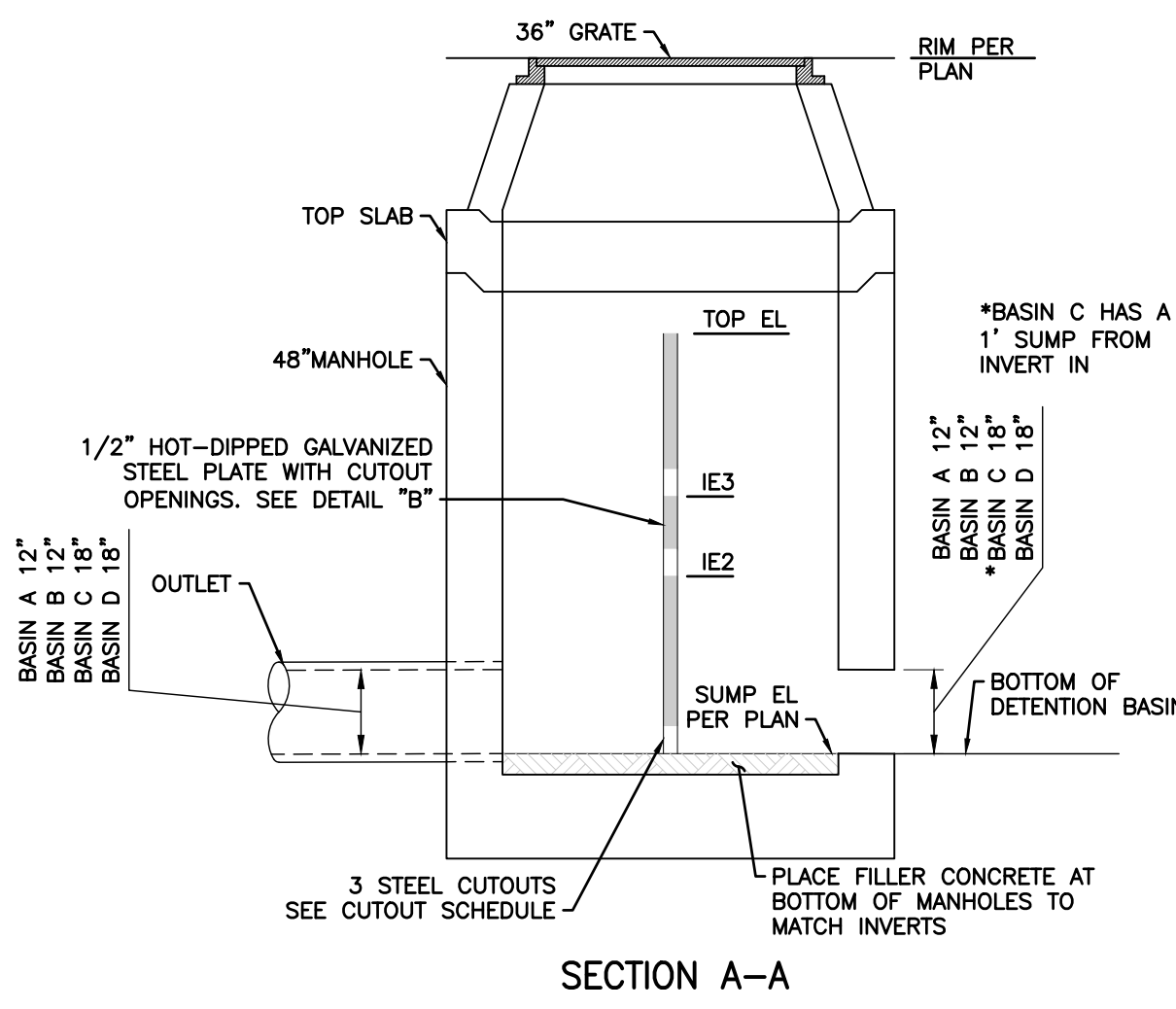
**RICK ENGINEERING COMPANY**  
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 FOLSOM, CA 95630  
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**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**BASIN C & D DETAILS**

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C33
OF 43 SHEETS	

DETENTION PIPE METER MANHOLE STEEL PLATE CUTOUT SCHEDULE				
INLET	CUTOUT DESIGNATION	WIDTH (W) (IN)	HEIGHT (H) (IN)	INVERT ELEVATION (IE)
BASIN A	C1	8	6	589.00
	C2	10	6	591.25
	C3	8	3	592.25
	TOP EL	---	---	594.00
BASIN B	C1	6	6	615.00
	C2	10	3	616.00
	C3	12	6	616.50
	TOP EL	---	---	617.50
BASIN C	C1	8	6	603.00
	C2	8	6	605.00
	C3	8	3	606.00
	TOP EL	---	---	608.00
BASIN D	C1	10	3	580.00
	C2	10	3	582.00
	C3	10	6	582.75
	TOP EL	---	---	584.00



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): N/A  
 (V): N/A

PREPARED UNDER THE DIRECTIONS OF:

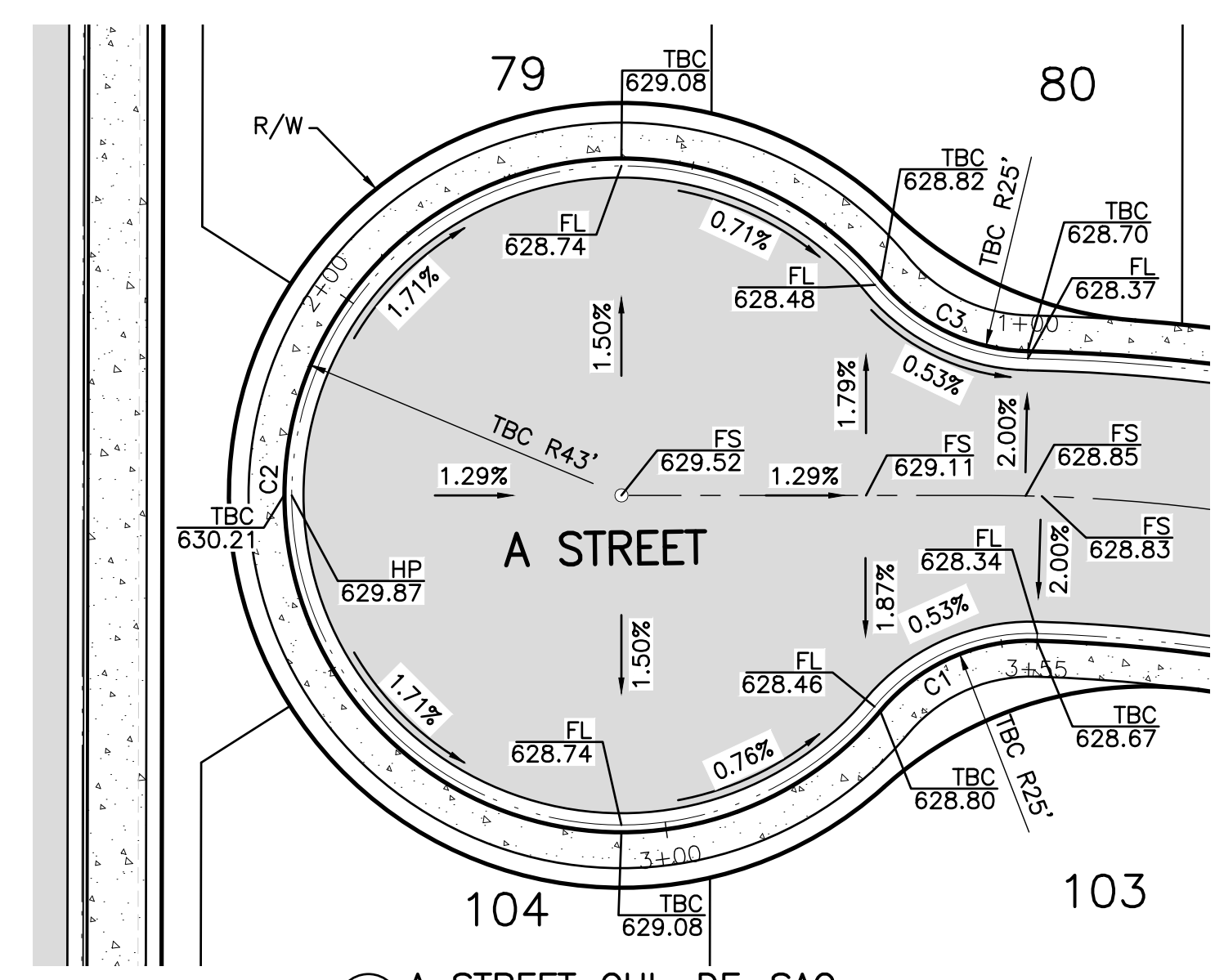
M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

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LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**OUTLET DETAILS**

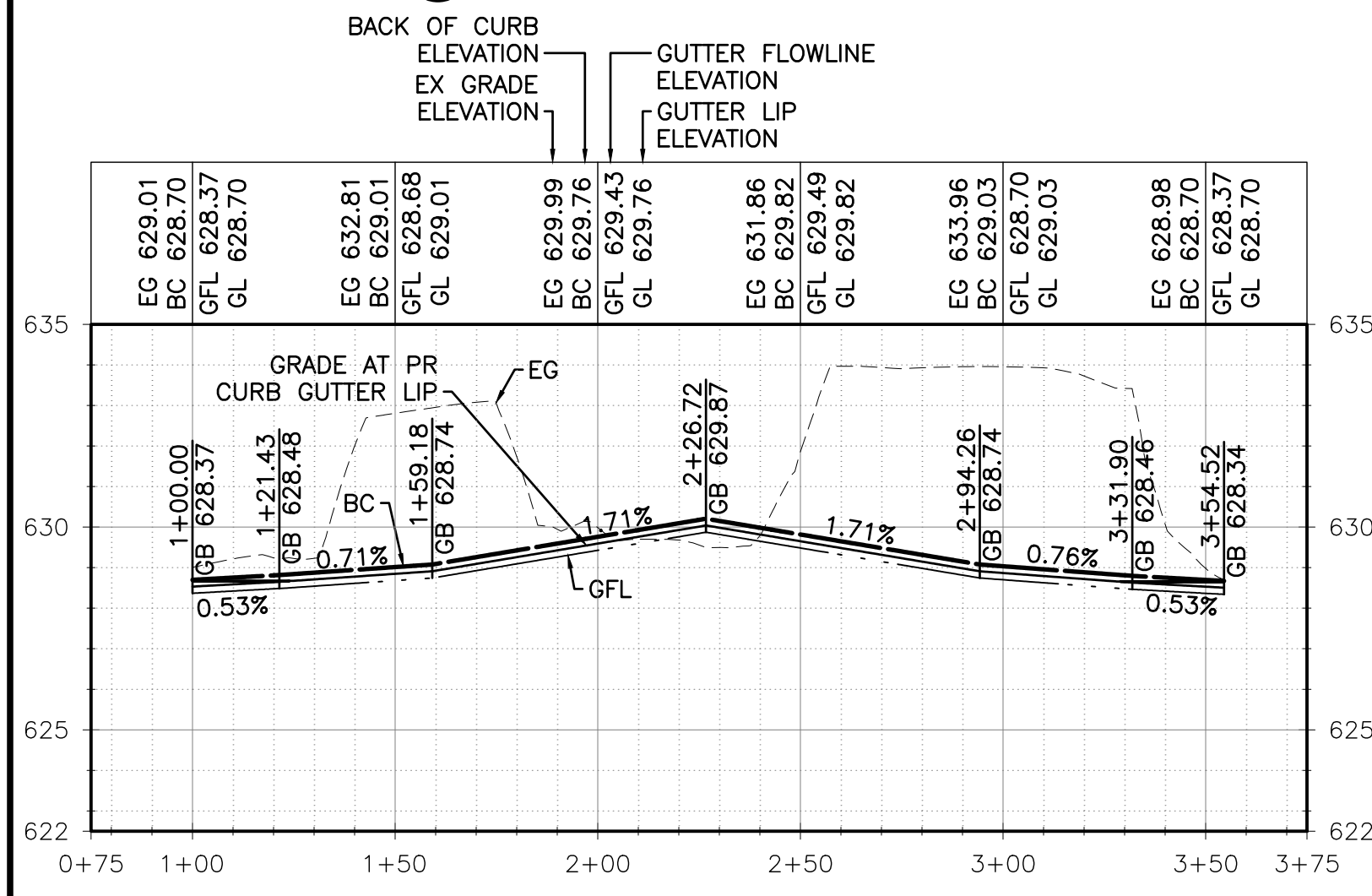
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C34  
 OF 43 SHEETS

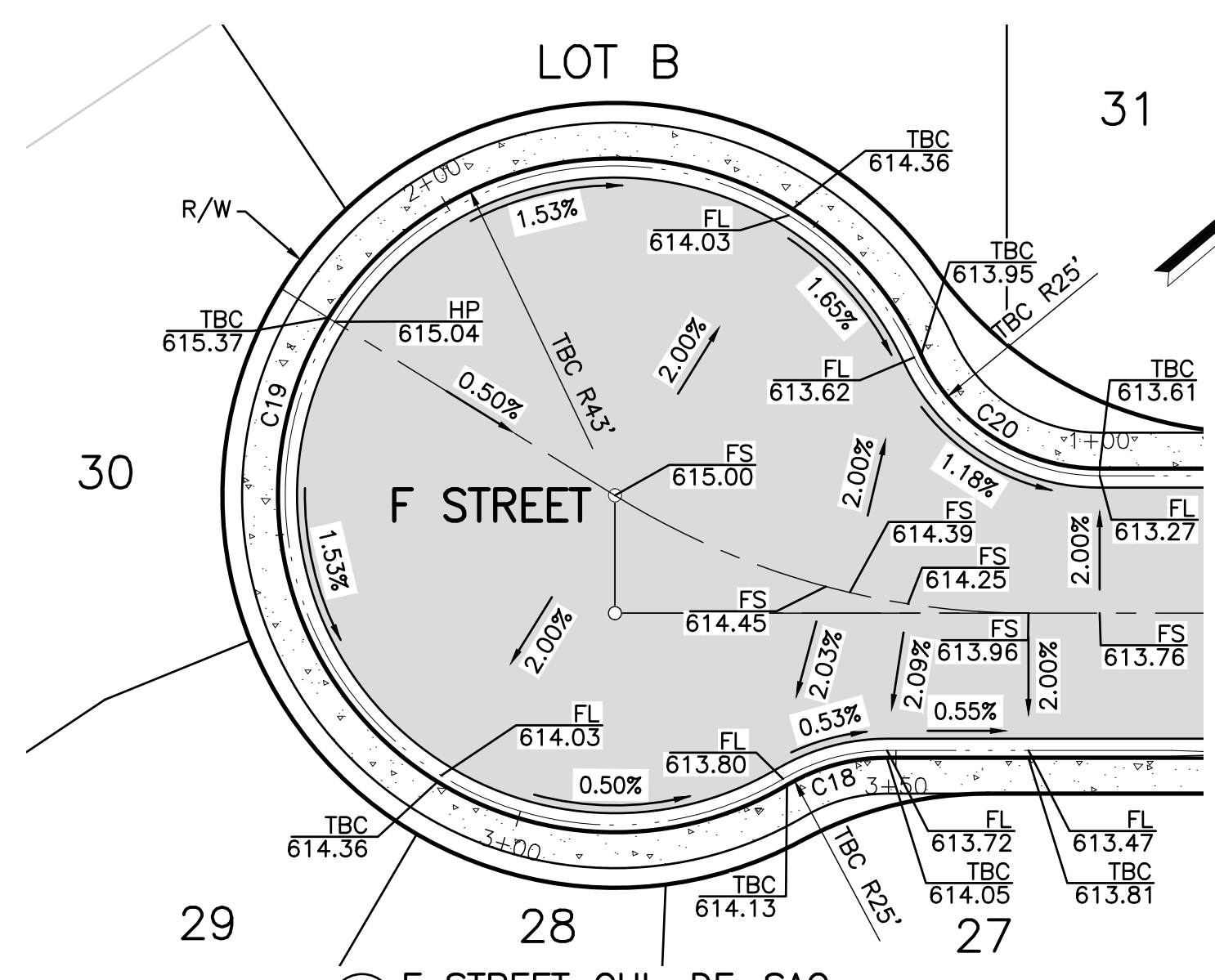


TBC CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	22.62'	25.00'	51°50'36"
C2	210.46'	43.00'	280°26'03"
C3	21.43'	25.00'	49°07'05"

1 A STREET CUL-DE-SAC  
SCALE: 1" = 20'

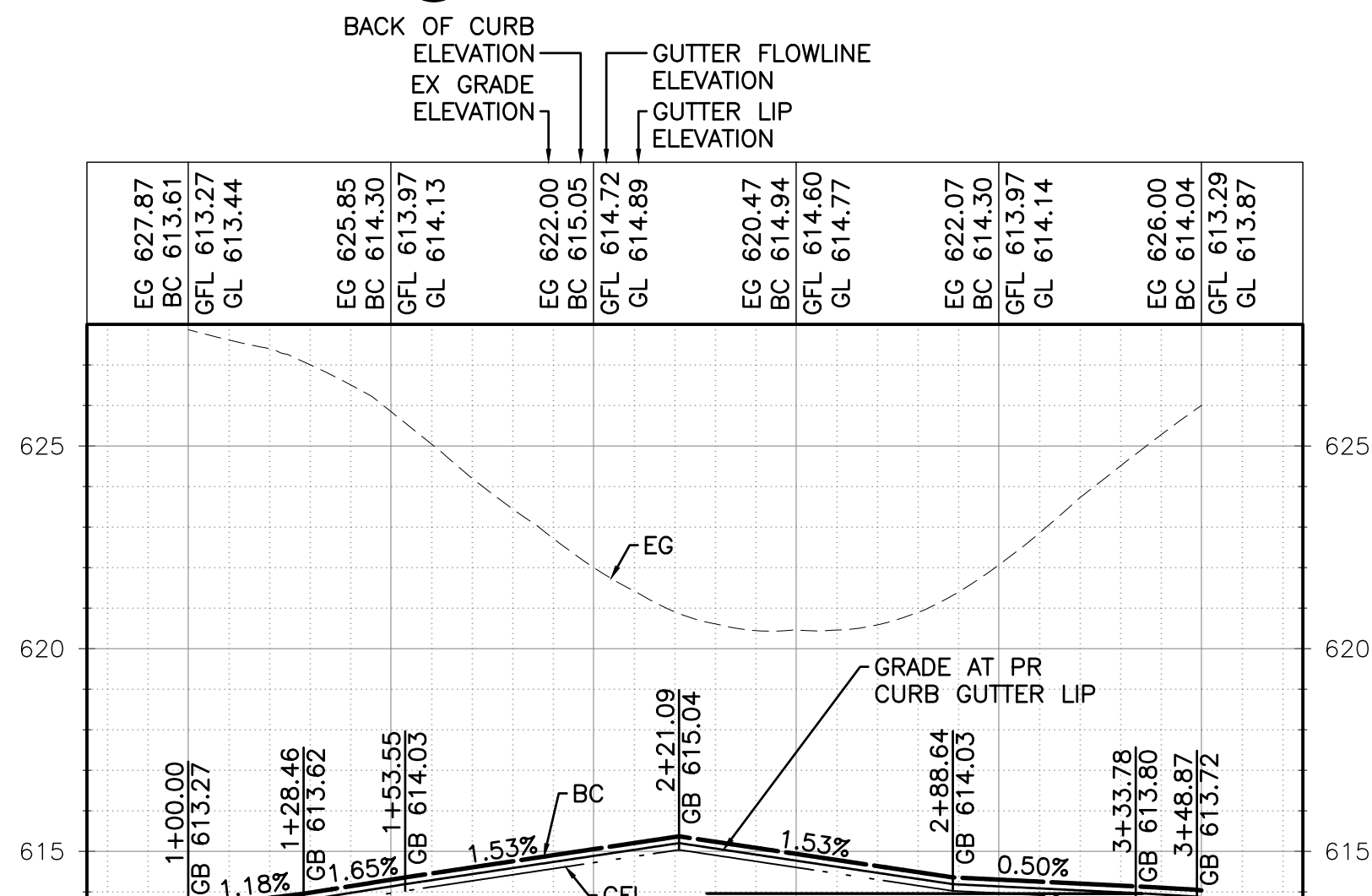


GFL PROFILE - A STREET CUL-DE-SAC  
SCALE: HORIZ 1" = 40' VERT 1" = 4'

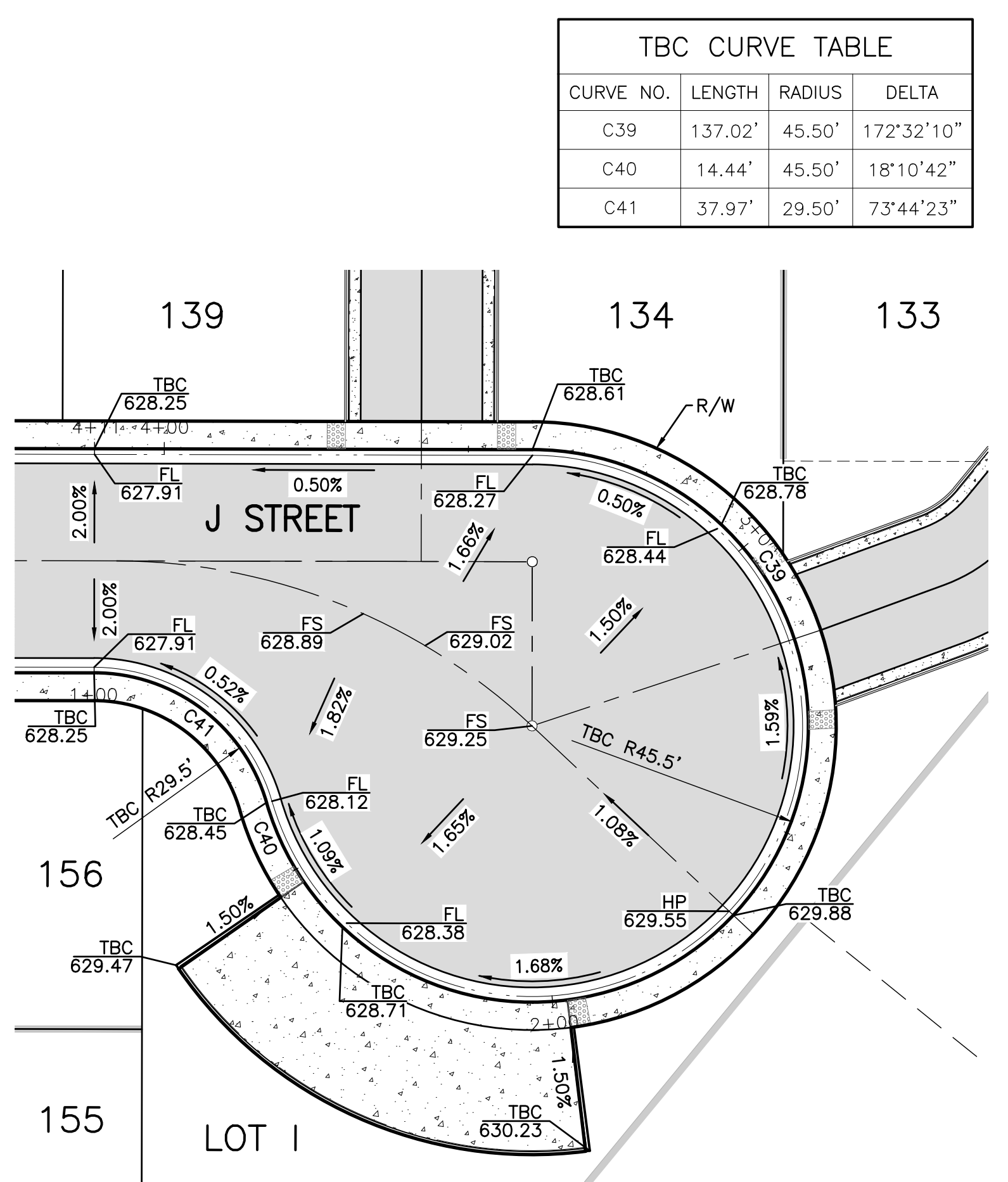


TBC CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C18	13.37'	25.00'	30°39'01"
C19	207.04'	43.00'	275°52'17"
C20	28.46'	25.00'	65°13'16"

2 F STREET CUL-DE-SAC  
SCALE: 1" = 20'

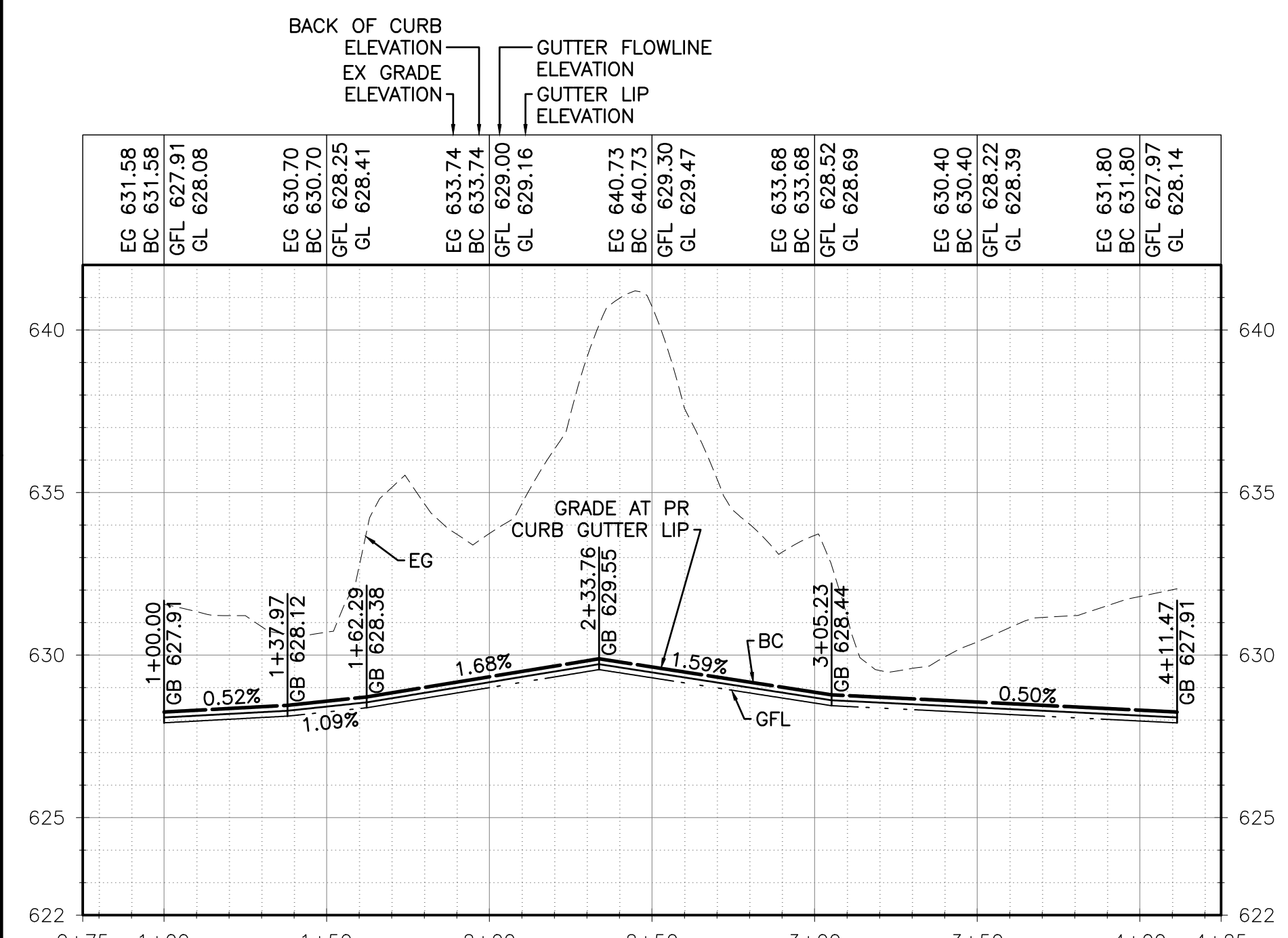


GFL PROFILE - F STREET CUL-DE-SAC  
SCALE: HORIZ 1" = 40' VERT 1" = 4'

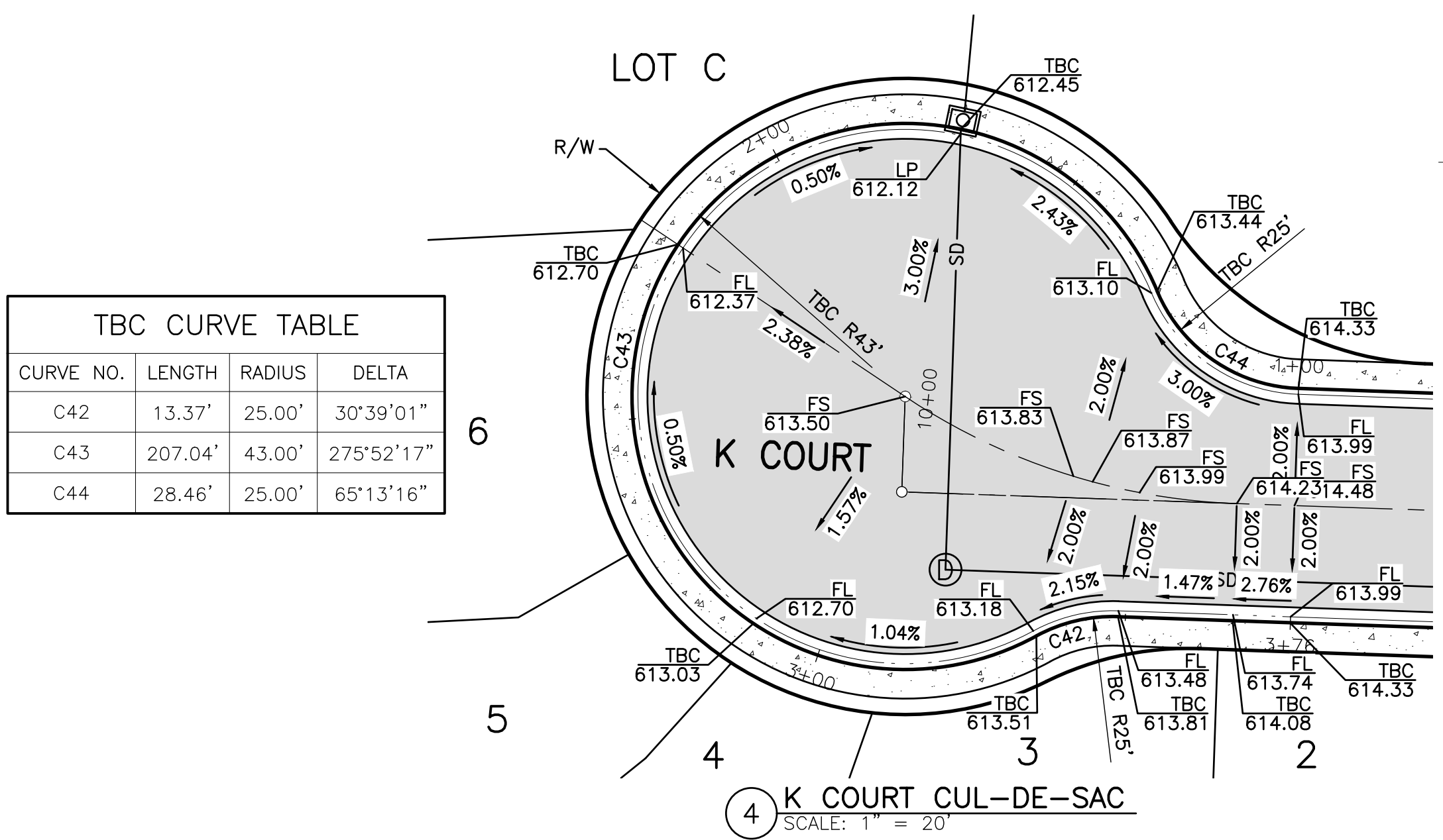


TBC CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C39	137.02'	45.50'	172°32'10"
C40	14.44'	45.50'	18°10'42"
C41	37.97'	29.50'	73°44'23"

3 J STREET CUL-DE-SAC  
SCALE: 1" = 20'

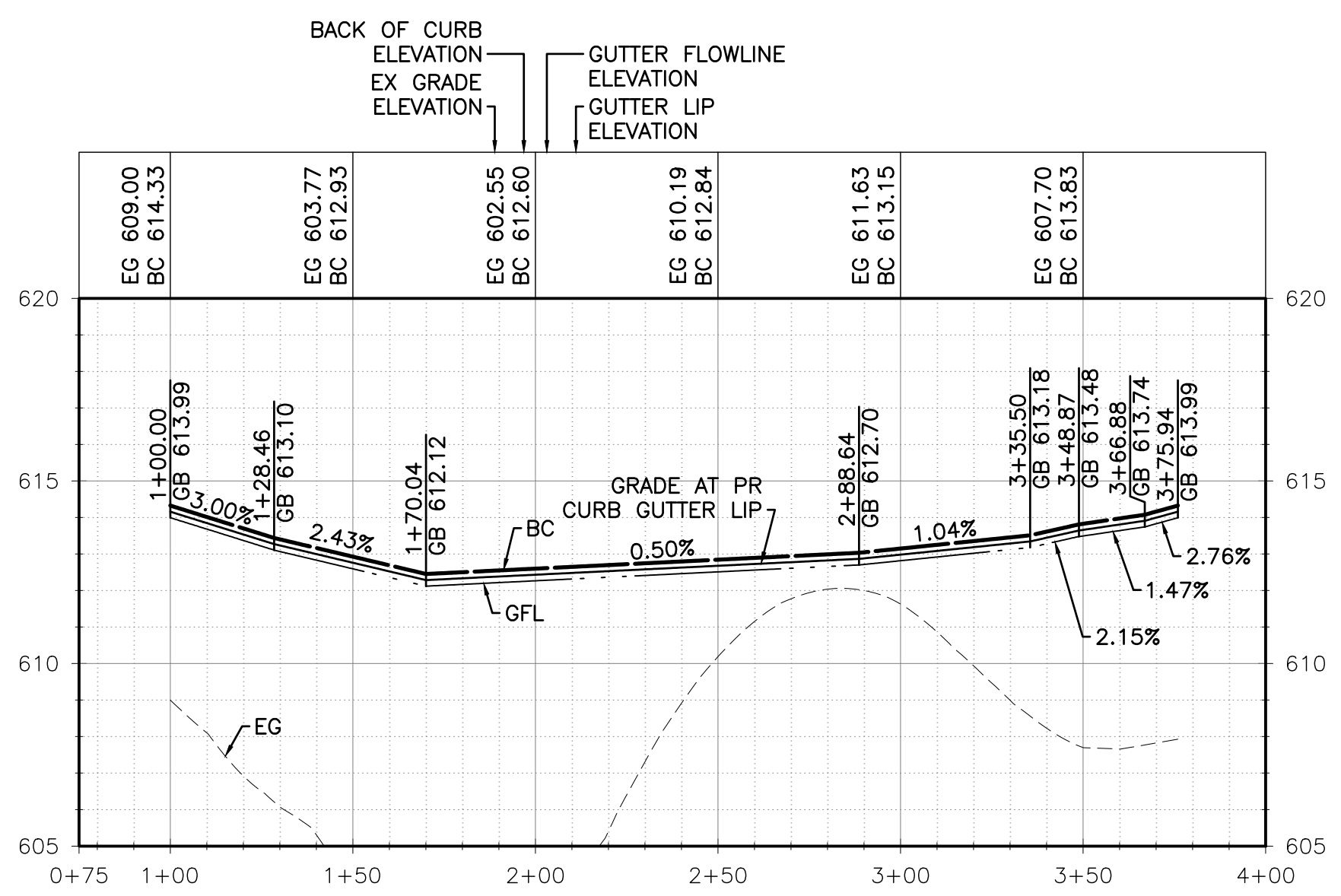


GFL PROFILE - J STREET CUL-DE-SAC  
SCALE: HORIZ 1" = 40' VERT 1" = 4'

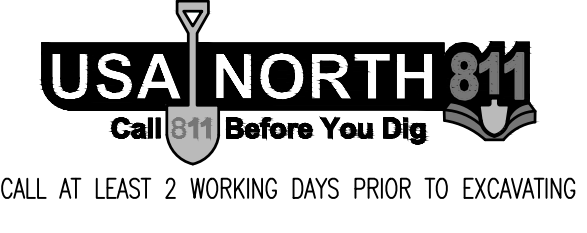
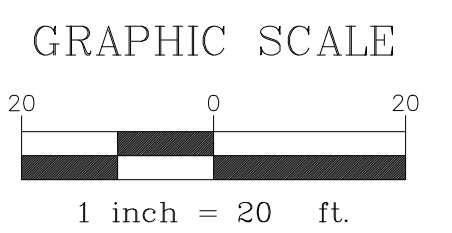


TBC CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C42	13.37'	25.00'	30°39'01"
C43	207.04'	43.00'	275°52'17"
C44	28.46'	25.00'	65°13'16"

4 K COURT CUL-DE-SAC  
SCALE: 1" = 20'



GFL PROFILE - K COURT CUL-DE-SAC  
SCALE: HORIZ 1" = 40' VERT 1" = 4'



REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION  
DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): AS SHOWN  
(V): AS SHOWN

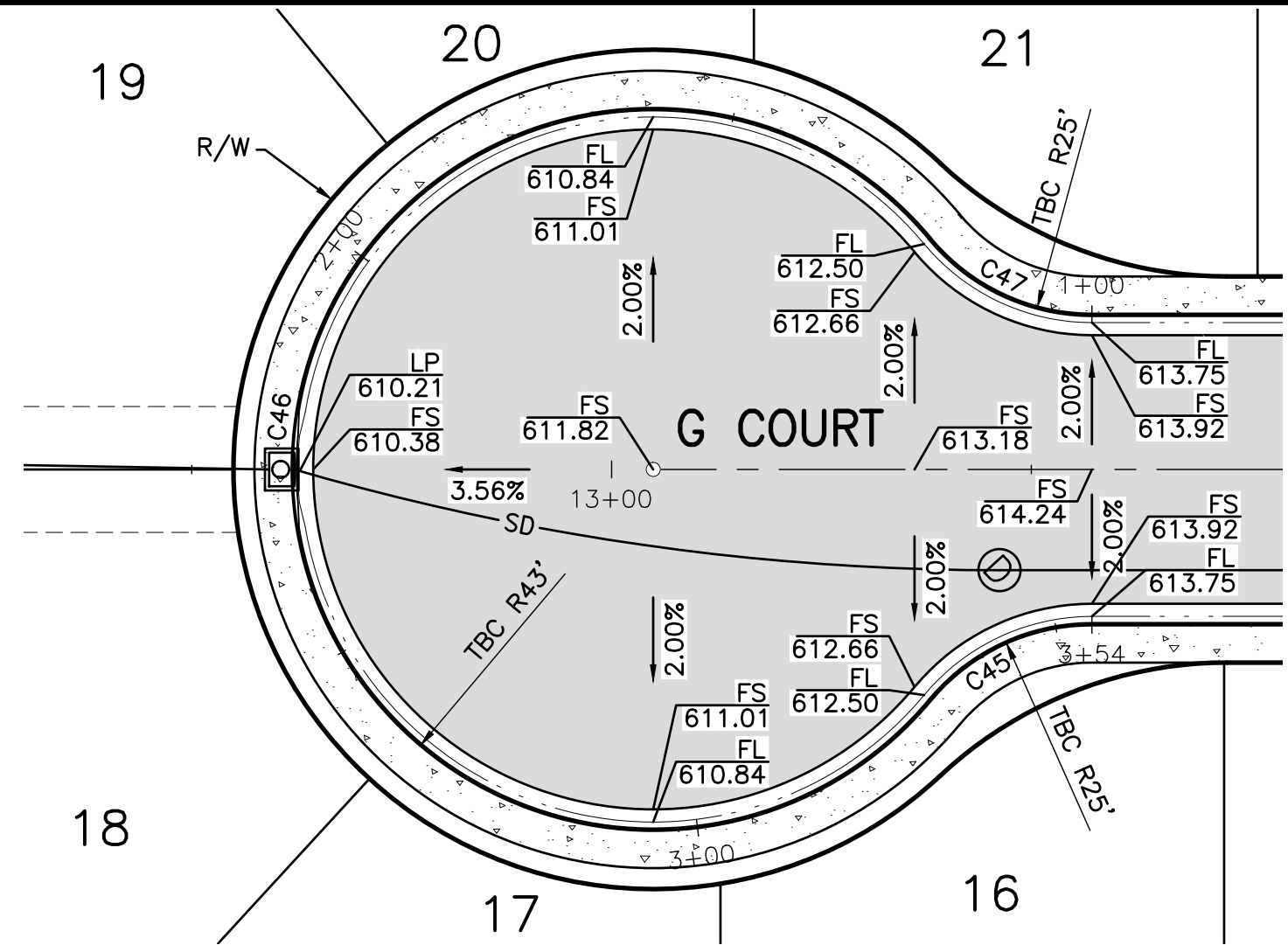


PREPARED UNDER THE DIRECTIONS OF:  
**RICK ENGINEERING COMPANY**  
M. SCOTT LILLIBRIDGE, P.E. DATE  
RCE 52504

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NORTH VISTA PLAZA  
**CUL-DE-SAC DETAILS**  
SHEET 1  
VALLEY SPRINGS  
CALAVERAS COUNTY  
CALIFORNIA

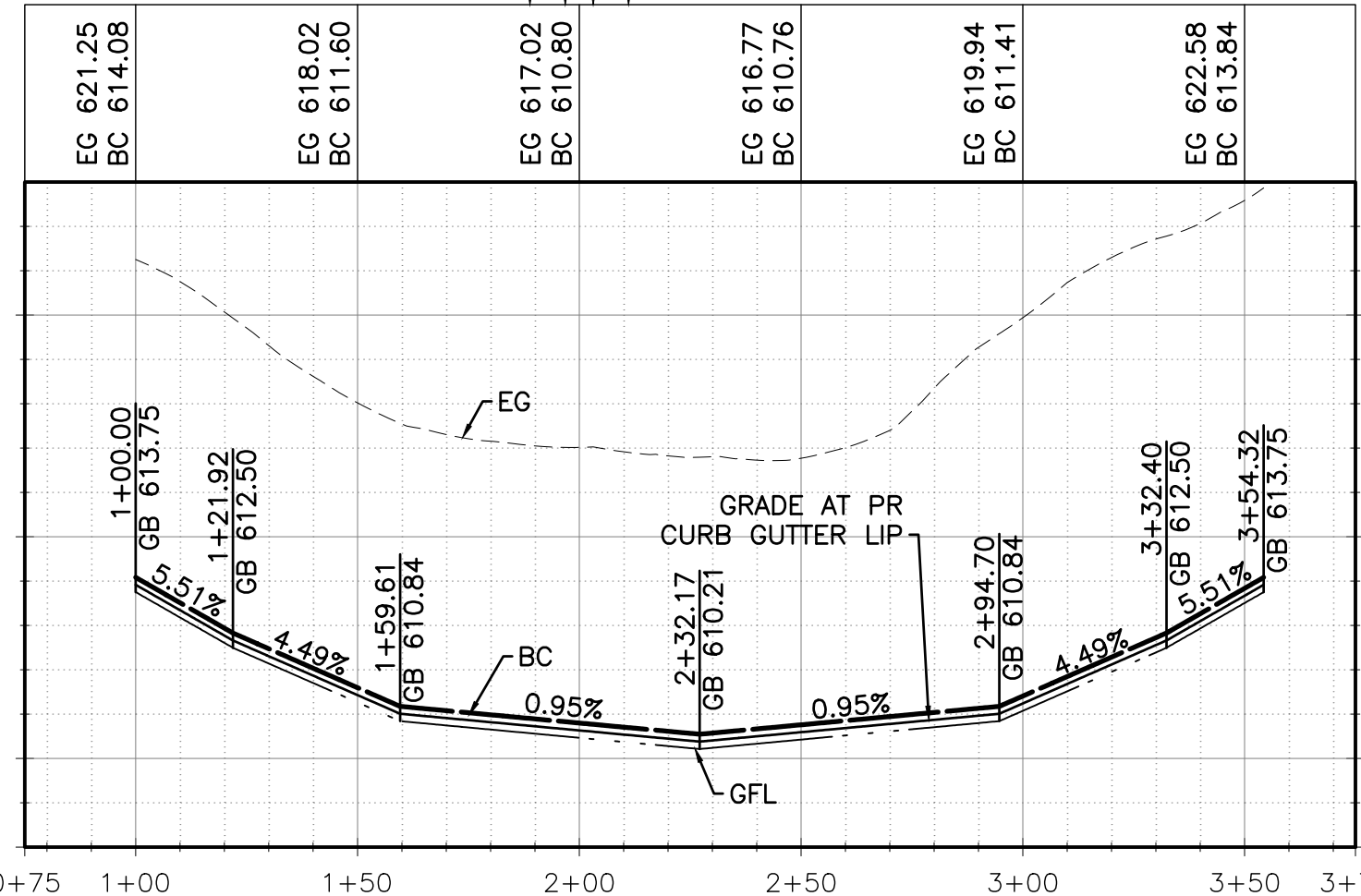
DATE: 12/03/2022  
JOB NUMBER: 19361  
SHEET NUMBER: C35  
OF 43 SHEETS



CURVE NO.	LENGTH	RADIUS	DELTA
C45	21.92'	25.00'	50°13'48"
C46	210.48'	43.00'	280°27'37"
C47	21.92'	25.00'	50°13'48"

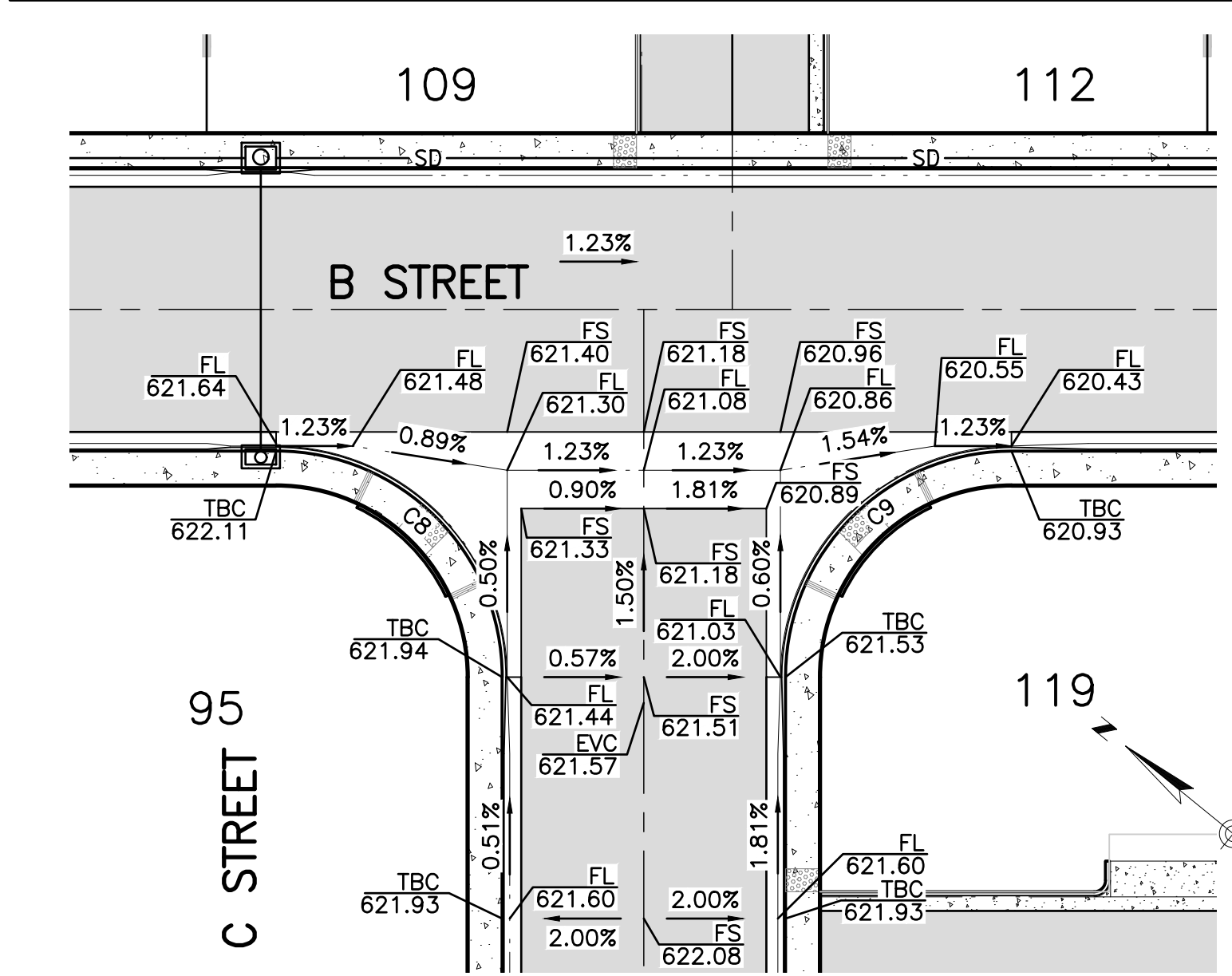
5 G COURT CUL-DE-SAC  
SCALE: 1" = 20'

BACK OF CURB ELEVATION  
EX GRADE ELEVATION  
GUTTER FLOWLINE ELEVATION  
GUTTER LIP ELEVATION



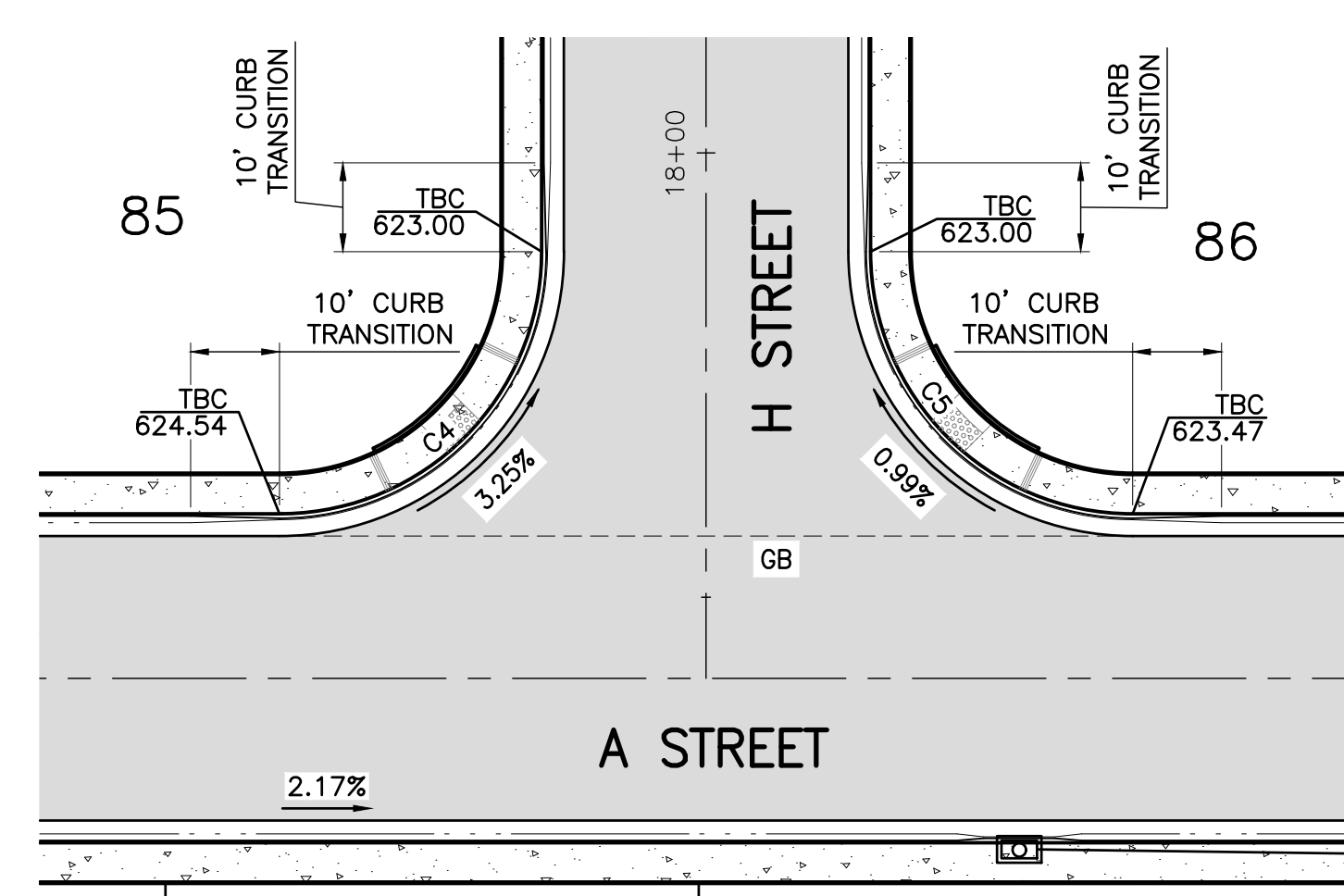
GFL PROFILE - G COURT CUL-DE-SAC

CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	1/4 PT EL	1/2 PT EL	3/4 PT EL	EC EL	FL SLOPE
C8	46.34'	29.50'	90°00'00"	622.11	622.07	622.03	621.98	621.94	N/A
C9	46.34'	29.50'	90°00'00"	621.53	621.38	621.23	621.08	620.93	N/A



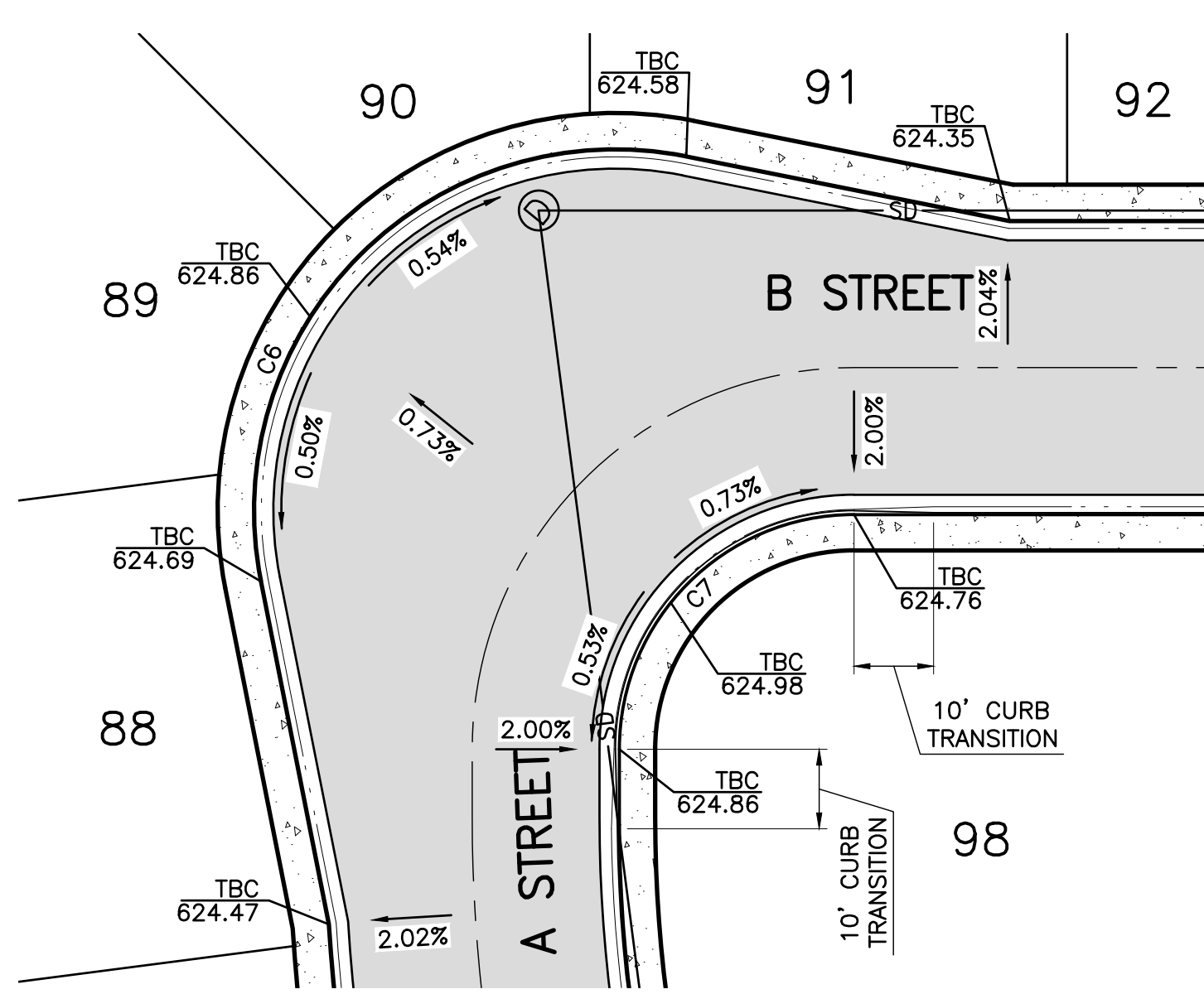
8 B STREET - C STREET CROSS GUTTER  
SCALE: 1" = 20'

CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	1/4 PT EL	1/2 PT EL	3/4 PT EL	EC EL	FL SLOPE
C4	46.34'	29.50'	90°00'00"	623.00	623.39	623.77	624.16	624.54	3.25%
C5	46.34'	29.50'	90°00'00"	623.47	623.35	623.24	623.12	623.00	0.99%



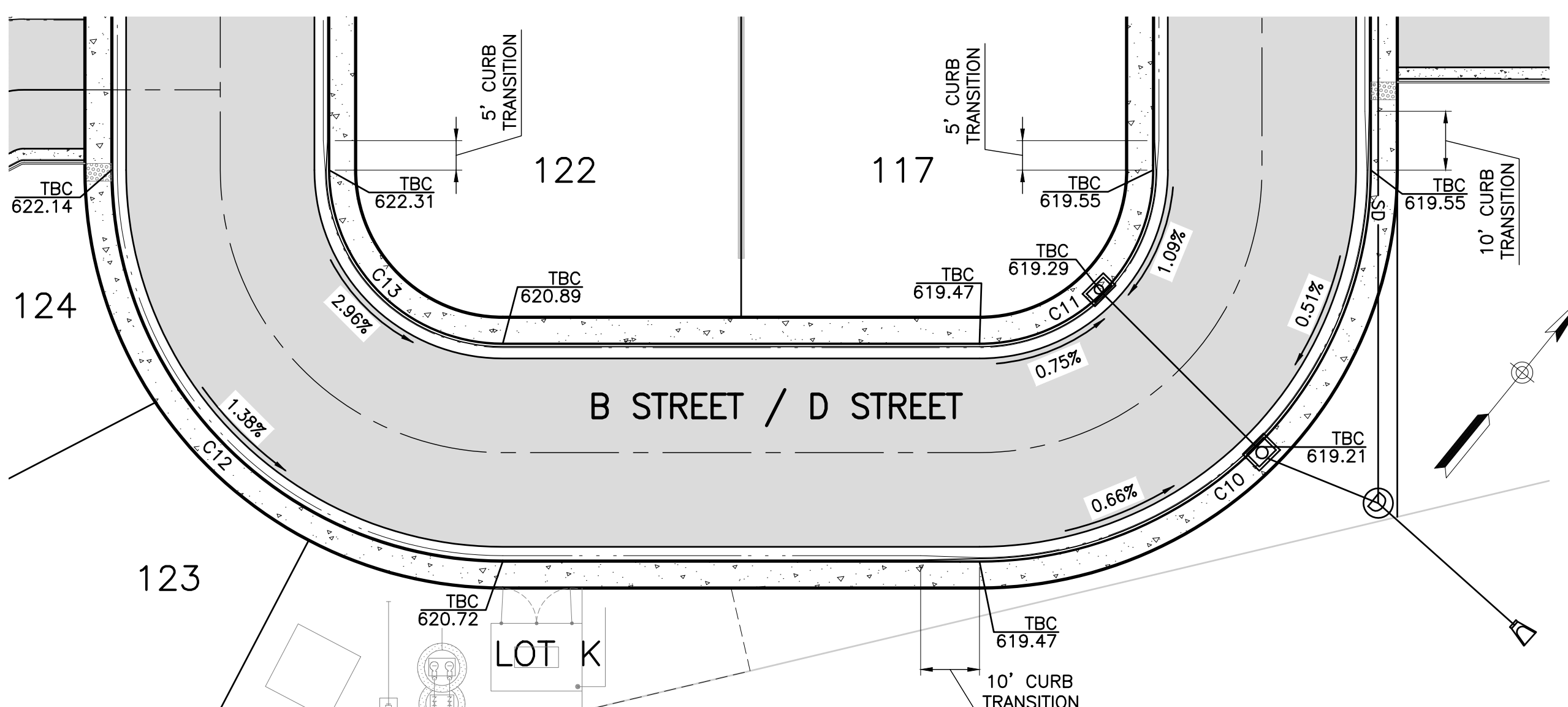
6 A STREET - H STREET CURB RETURNS  
SCALE: 1" = 20'

CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	1/4 PT EL	1/2 PT EL	3/4 PT EL	EC EL	FL SLOPE
C6	89.34'	45.50'	112°30'03"	624.56	624.68	624.80	624.82	624.71	0.50%/0.54%
C7	46.34'	29.50'	89°59'51"	624.85	624.91	624.98	624.85	624.76	0.53%/0.73%



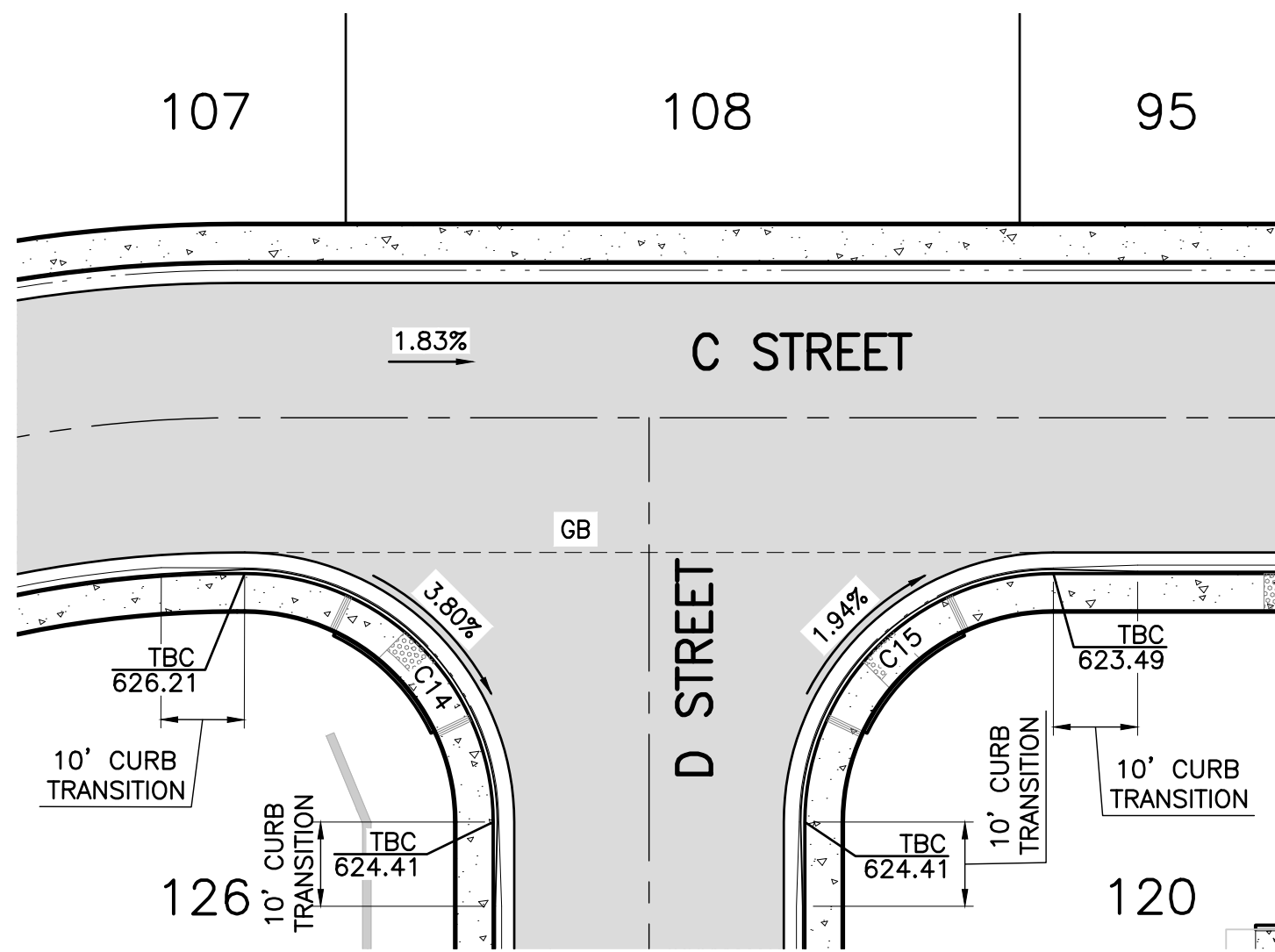
7 A STREET - B STREET CURB RETURNS  
SCALE: 1" = 20'

CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	1/4 PT EL	1/2 PT EL	3/4 PT EL	EC EL	FL SLOPE
C10	104.46'	66.50'	90°00'00"	619.47	619.34	619.21	619.38	619.55	0.51%/0.66%
C11	46.34'	29.50'	90°00'00"	619.55	619.42	619.29	619.38	619.47	1.09%/0.75%
C12	104.46'	66.50'	90°00'00"	622.14	621.79	621.43	621.08	620.72	1.38%
C13	46.34'	29.50'	90°00'00"	620.89	621.25	621.60	621.96	622.31	2.96%

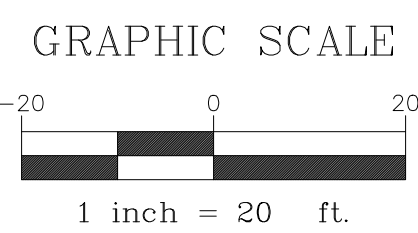


9 B STREET / D STREET CURB RETURNS  
SCALE: 1" = 20'

CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	1/4 PT EL	1/2 PT EL	3/4 PT EL	EC EL	FL SLOPE
C14	46.34'	29.50'	90°00'00"	626.21	625.76	625.31	624.86	624.41	3.80%
C15	46.34'	29.50'	90°00'00"	624.41	624.18	623.95	623.72	623.49	1.94%



10 C STREET - D STREET CURB RETURNS  
SCALE: 1" = 20'



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION  
DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): AS SHOWN  
(V): AS SHOWN



PREPARED UNDER THE DIRECTIONS OF:  
**RICK ENGINEERING COMPANY**  
M. SCOTT LILLIBRIDGE, P.E.  
RCE 52504



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NORTH VISTA PLAZA  
**CUL-DE-SAC & CURB RETURN DETAILS**  
SHEET 2

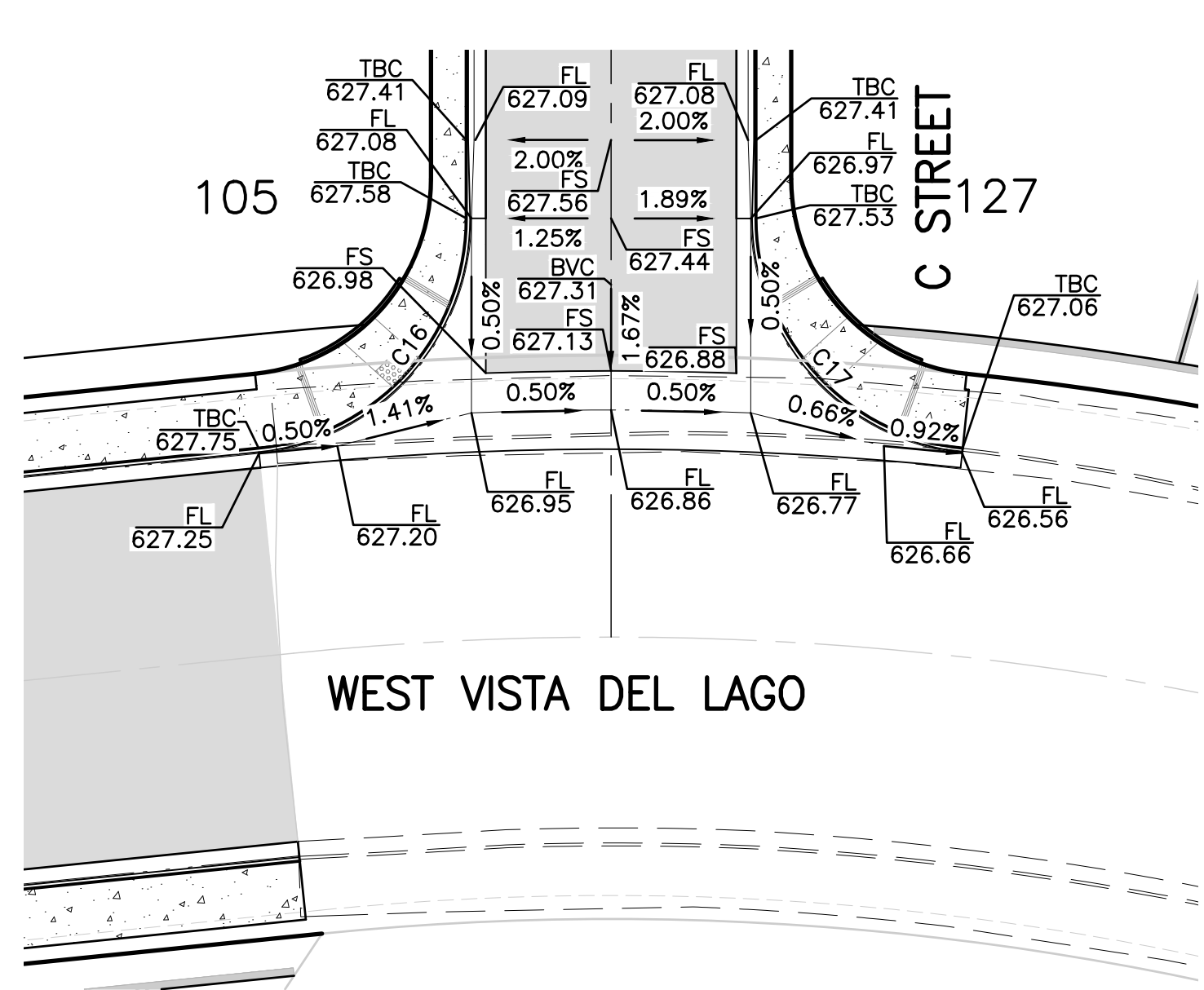
VALLEY SPRINGS

CALAVERAS COUNTY

CALIFORNIA

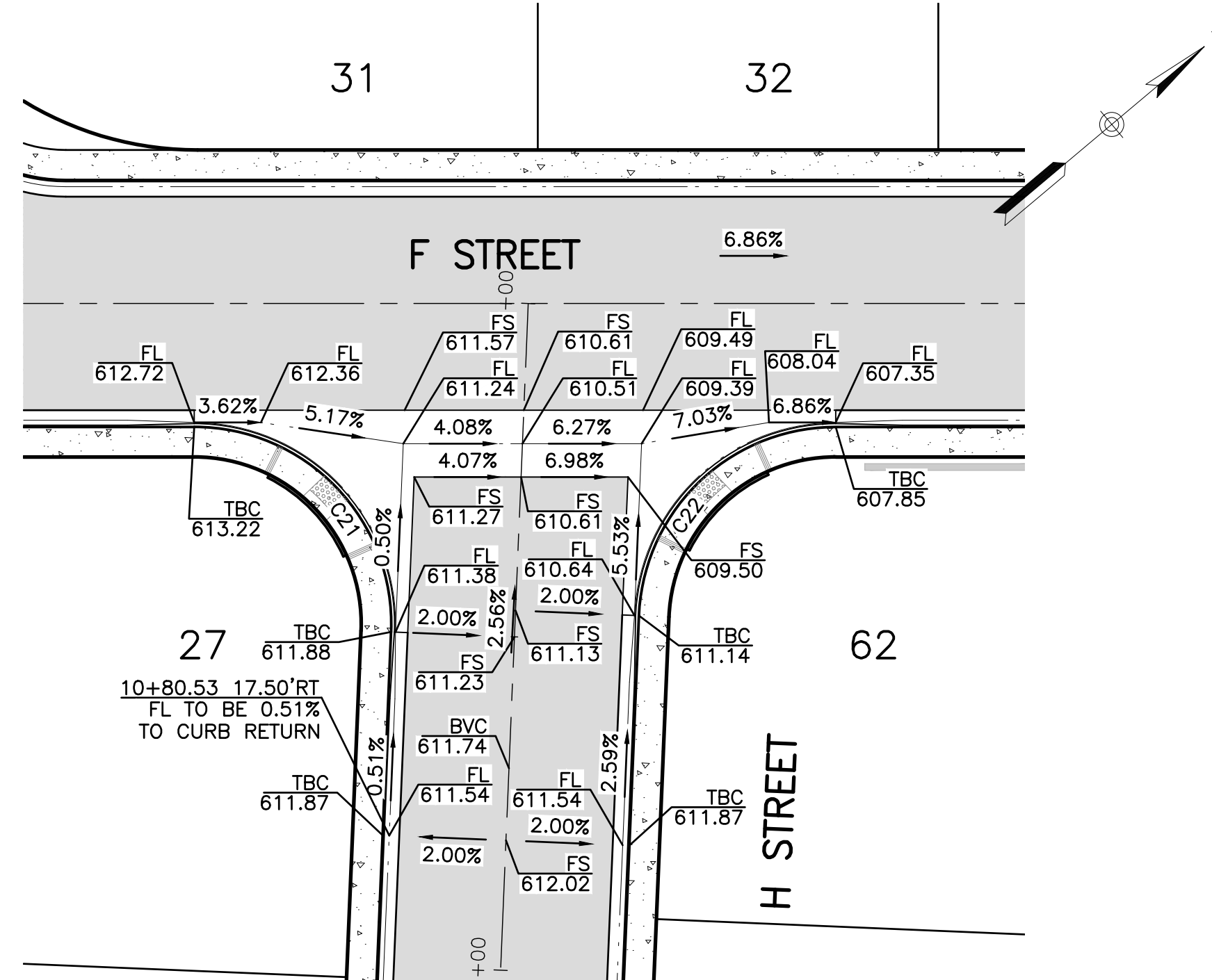
DATE: 12/03/2022  
JOB NUMBER: 19361  
SHEET NUMBER: C36  
OF 43 SHEETS

CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C16	43.35'	29.50'	84°11'18"	627.58	627.62	627.67	627.71	627.75	N/A
C17	43.22'	29.50'	83°57'05"	627.06	627.18	627.30	627.41	627.53	N/A



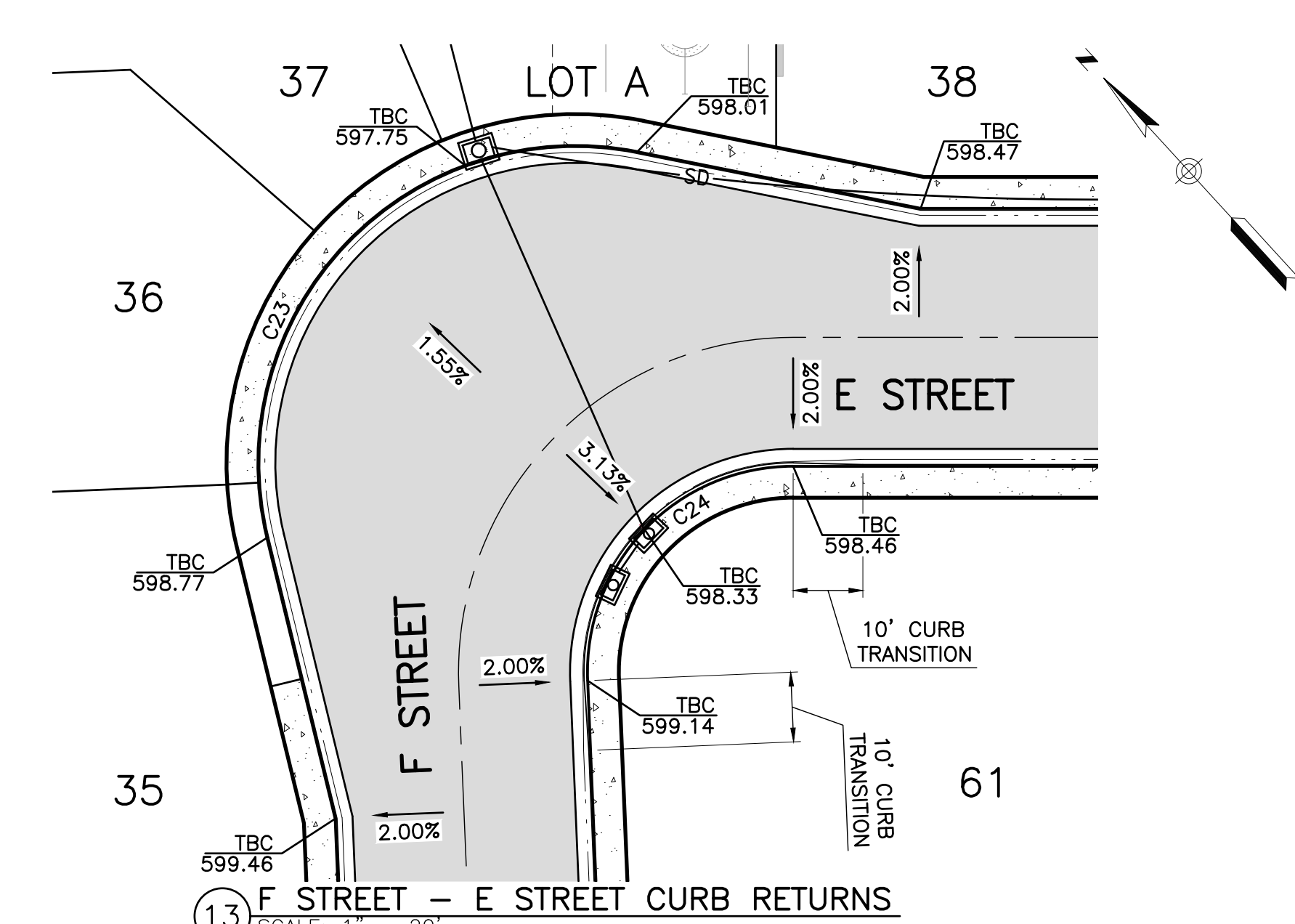
11 WEST VISTA DEL LAGO - C STREET CURB RETURNS  
SCALE: 1" = 20'

CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C21	47.56'	29.50'	92°22'30"	613.22	612.89	612.55	612.22	611.88	N/A
C22	45.12'	29.50'	87°37'30"	611.14	610.32	609.50	608.67	607.85	N/A



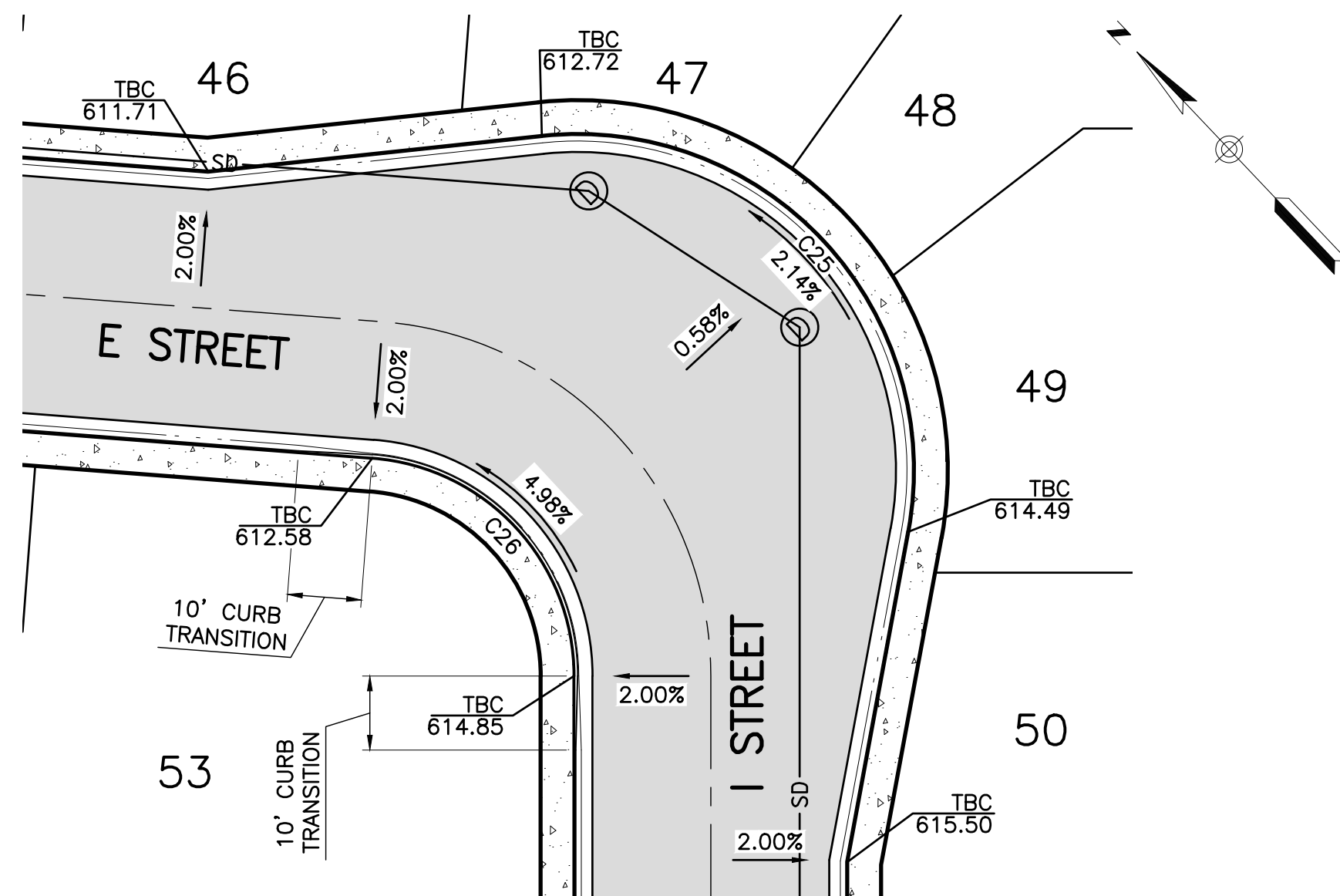
12 F STREET - H STREET CURB RETURNS  
SCALE: 1" = 20'

CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C23	91.30'	45.50'	114°58'06"	598.01	597.77	598.06	598.42	598.77	1.09%/1.60%
C24	47.56'	29.50'	92°22'30"	599.14	598.73	598.33	598.39	598.46	3.33%/0.53%



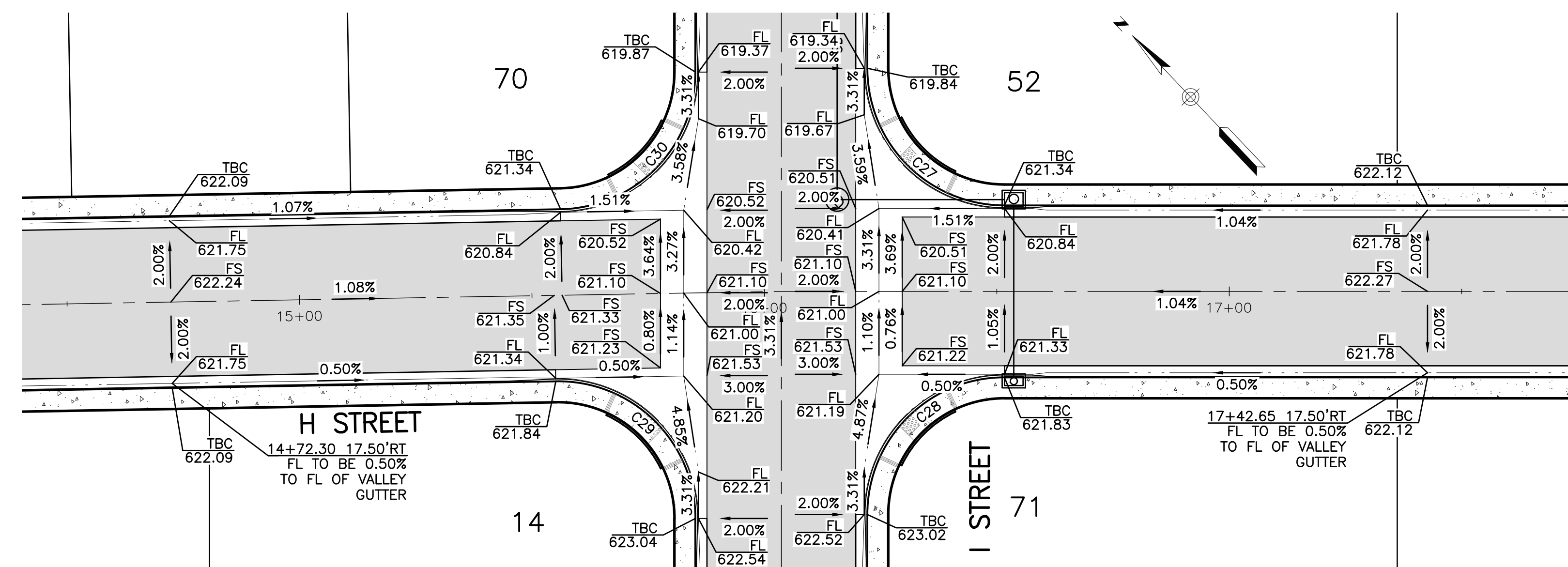
13 F STREET - E STREET CURB RETURNS  
SCALE: 1" = 20'

CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C25	84.62'	45.50'	106°33'48"	614.49	614.05	613.61	613.16	612.72	2.14%
C26	44.09'	29.50'	85°37'25"	612.58	613.15	613.72	614.28	614.85	4.98%

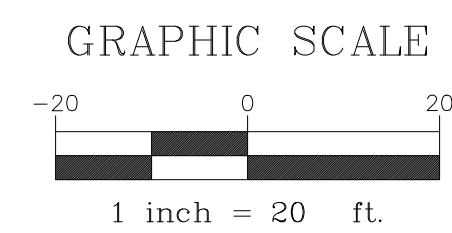


14 E STREET - I STREET CURB RETURNS  
SCALE: 1" = 20'

CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C27	46.34'	29.50'	90°00'00"	621.34	620.97	620.59	620.22	619.84	N/A
C28	46.34'	29.50'	90°00'00"	623.02	622.72	622.43	622.13	621.83	N/A
C29	46.85'	29.50'	91°00'00"	621.84	622.14	622.44	622.74	623.04	N/A
C30	45.82'	29.50'	89°00'00"	619.87	620.24	620.61	620.97	621.34	N/A



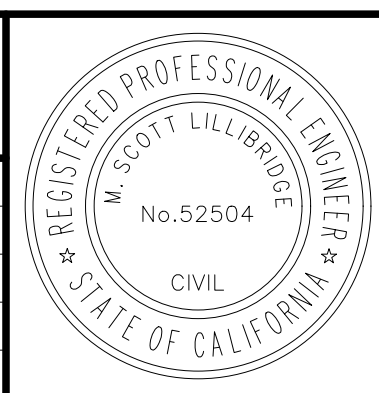
15 H STREET - I STREET CURB RETURNS  
SCALE: 1" = 20'



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION  
DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): 1" = 20'  
(V): N/A



PREPARED UNDER THE DIRECTIONS OF:  
**RICK ENGINEERING COMPANY**  
52504  
M. SCOTT LILLIBRIDGE, P.E. DATE: RCE 52504

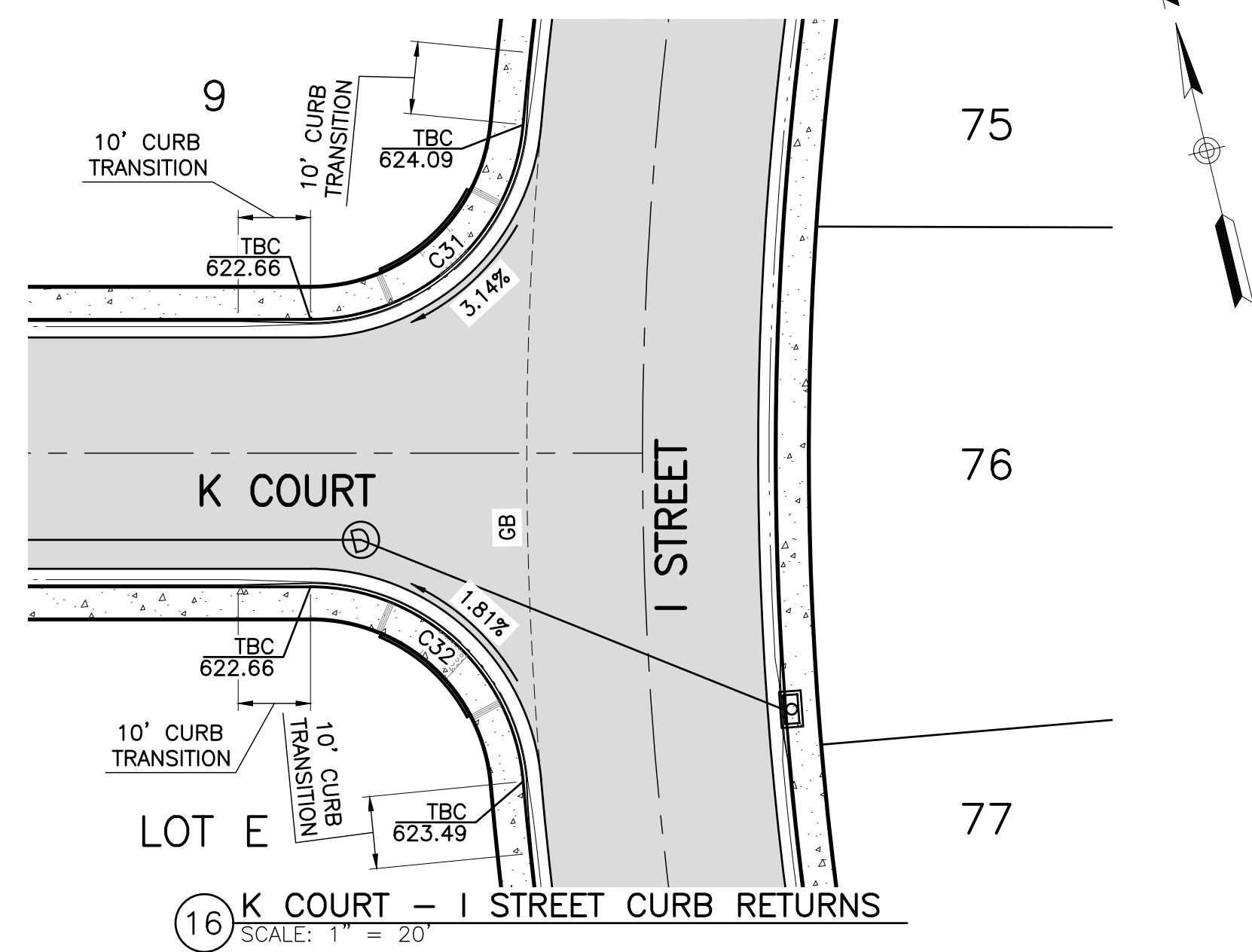
**RICK ENGINEERING COMPANY**  
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rickengineering.com  
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LGI HOMES - CALIFORNIA, LLC  
NORTH VISTA PLAZA  
**CURB RETURN DETAILS**  
SHEET 3  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

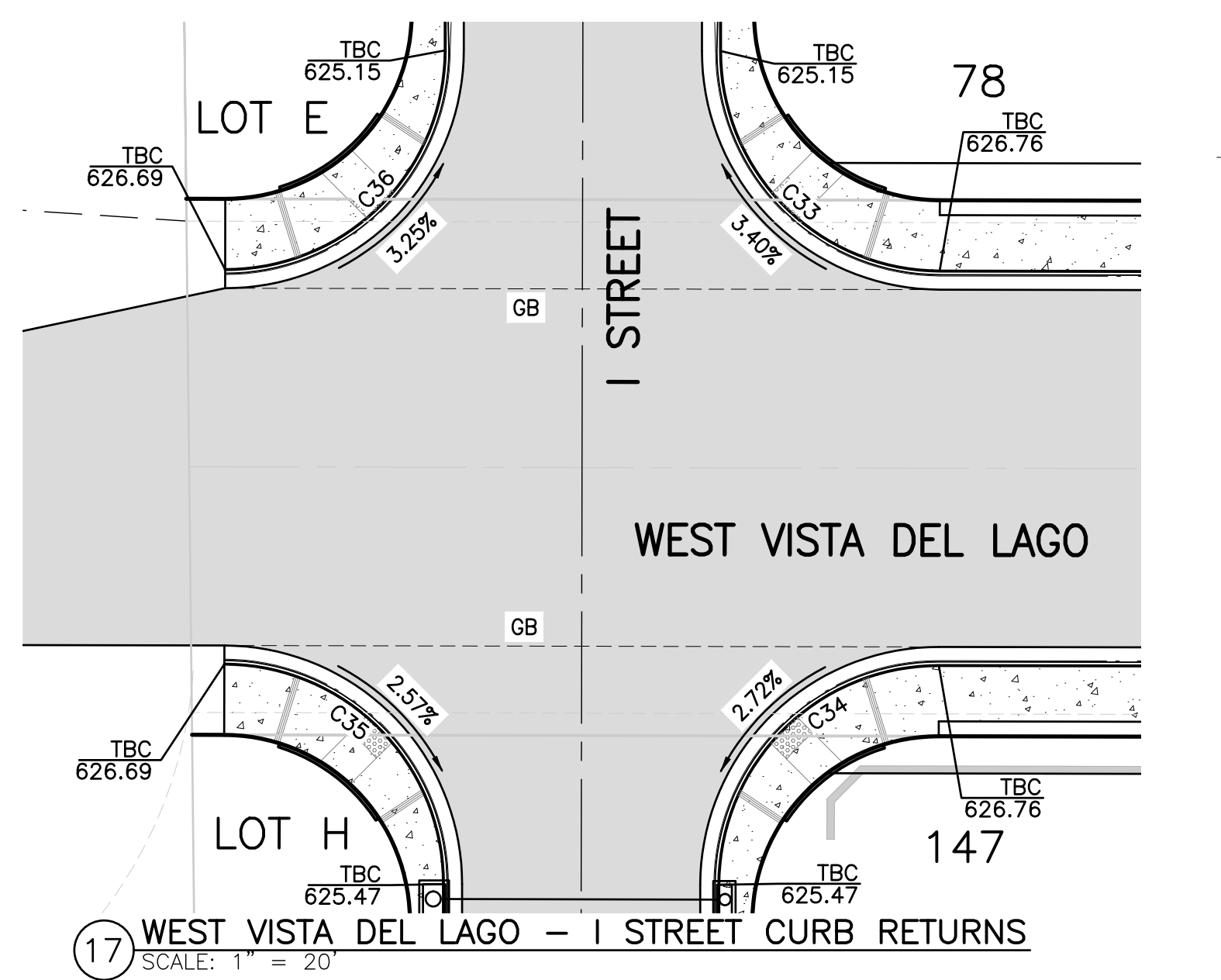
DATE: 12/03/2022  
JOB NUMBER: 19361  
SHEET NUMBER: C37  
OF 43 SHEETS



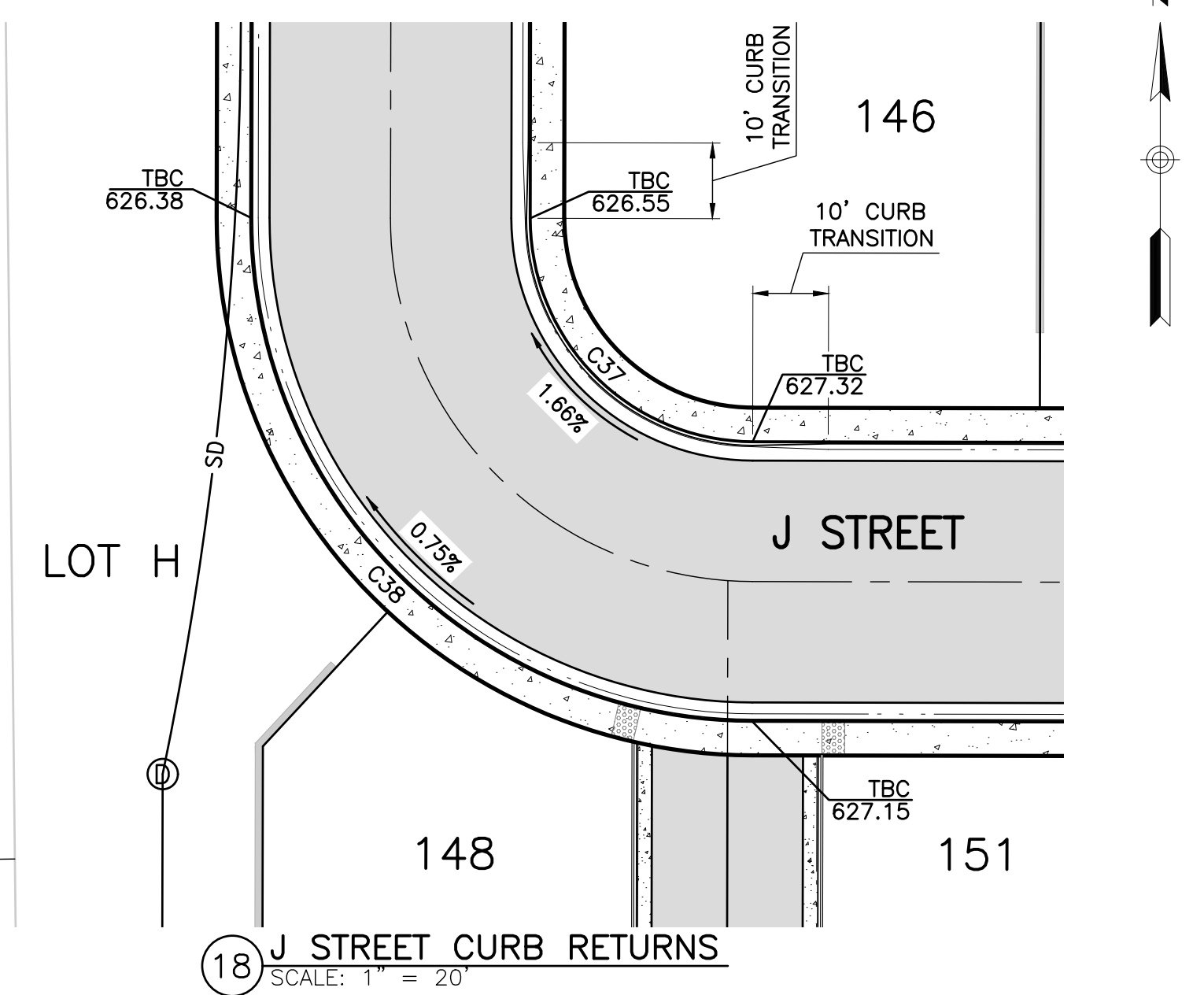
CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C31	43.75'	29.50'	84°58'30"	624.09	623.73	623.38	623.02	622.66	3.20%
C32	43.75'	29.50'	84°58'30"	622.66	622.87	623.08	623.28	623.49	1.86%



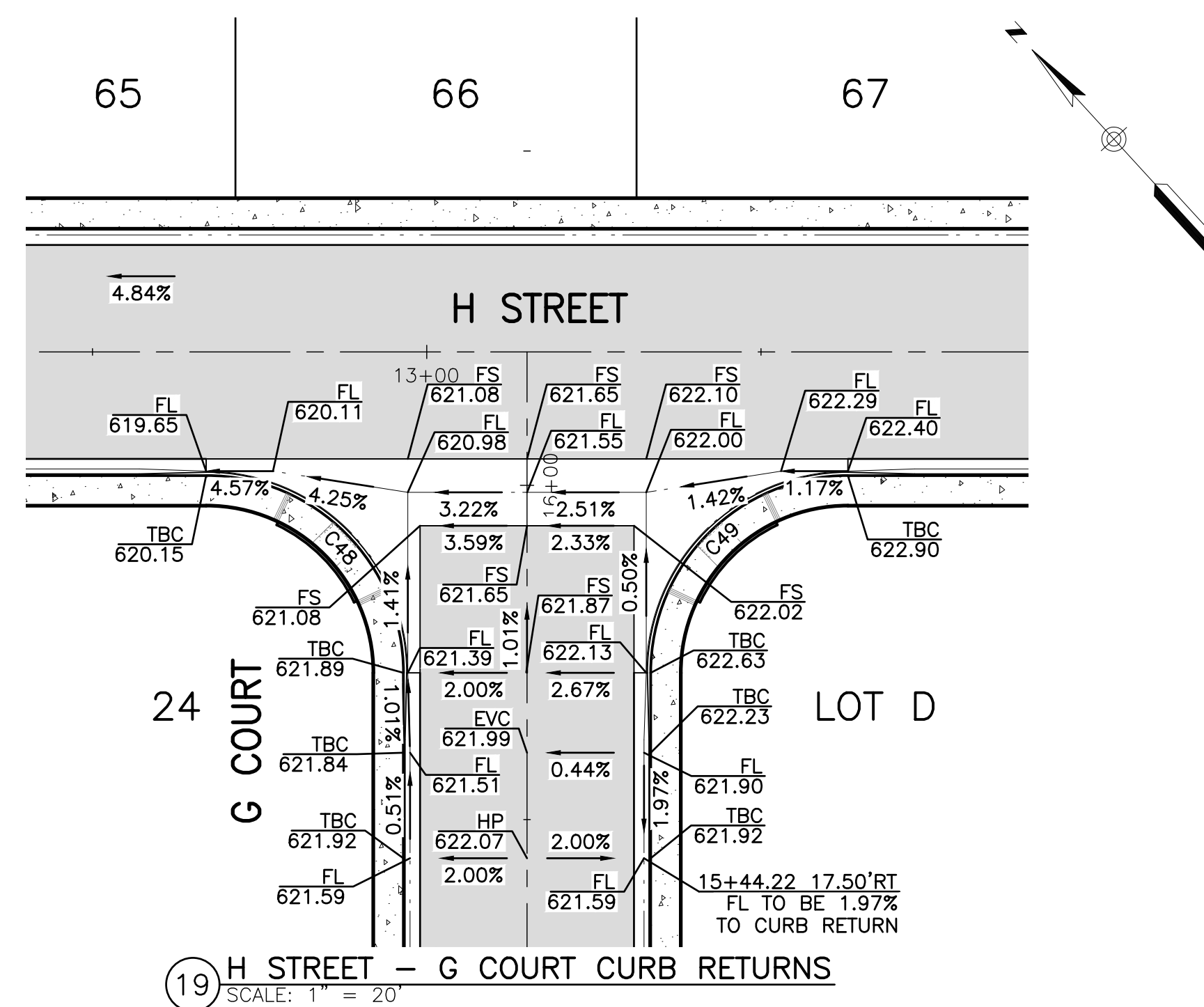
CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C33	46.34'	29.50'	90°00'00"	626.76	626.36	625.96	625.55	625.15	3.40%
C34	46.34'	29.50'	90°00'00"	625.47	625.79	626.12	626.44	626.76	2.72%
C35	46.34'	29.50'	90°00'00"	626.69	626.39	626.08	625.78	625.47	2.57%
C36	46.34'	29.50'	90°00'00"	625.15	625.54	625.92	626.31	626.69	3.25%



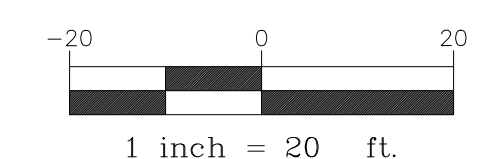
CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C37	46.34'	29.50'	90°00'39"	627.32	627.13	626.94	626.74	626.55	1.66%
C38	104.47'	66.50'	90°00'26"	626.38	626.57	626.77	626.96	627.15	0.75%



CURB RETURN DATA (TBC)									
CURVE NO.	LENGTH	RADIUS	DELTA	BC EL	¼ PT EL	½ PT EL	¾ PT EL	EC EL	ℓ SLOPE
C48	46.34'	29.50'	90°00'00"	620.15	620.59	621.02	621.46	621.89	N/A
C49	46.34'	29.50'	90°00'00"	622.63	622.70	622.77	622.83	622.90	N/A



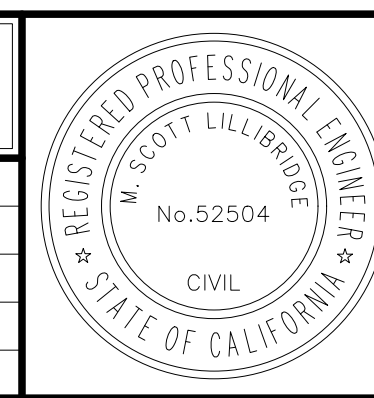
GRAPHIC SCALE



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION  
DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): 1" = 20'  
(V): N/A

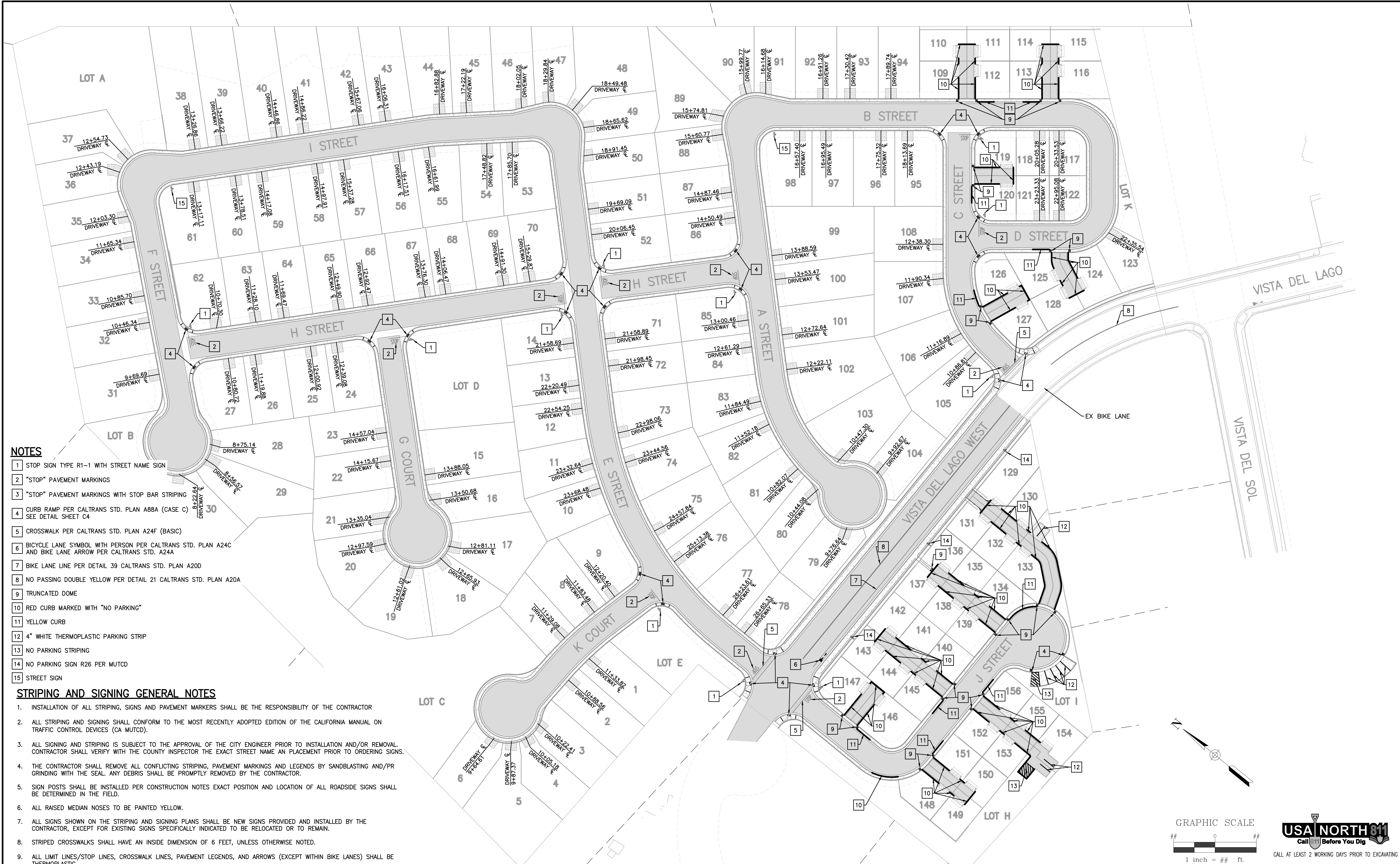


PREPARED UNDER THE DIRECTIONS OF:  
**RICK ENGINEERING COMPANY**  
M. SCOTT LILLIBRIDGE, P.E. DATE: RCE 52504

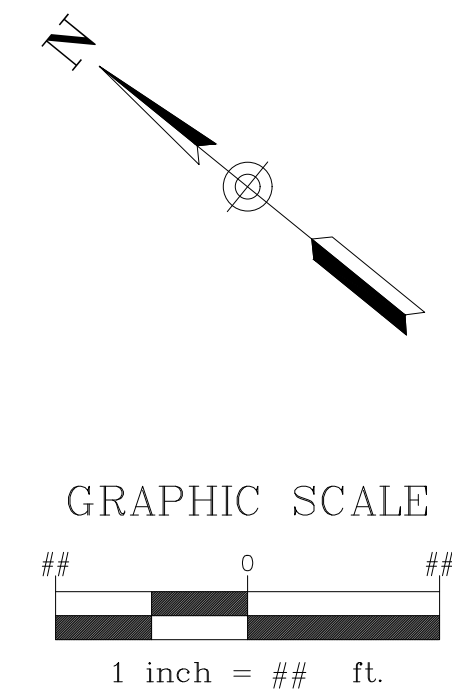
**RICK ENGINEERING COMPANY**  
2525 EAST BIDWELL STREET  
FOLSOM, CA 95630  
916.638.8200  
rickengineering.com  
San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver

LGI HOMES - CALIFORNIA, LLC  
NORTH VISTA PLAZA  
**CURB RETURN DETAILS**  
SHEET 4  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE: 12/03/2022  
JOB NUMBER: 19361  
SHEET NUMBER: C38  
OF 43 SHEETS



- NOTES**
- 1 STOP SIGN TYPE R1-1 WITH STREET NAME SIGN
  - 2 "STOP" PAVEMENT MARKINGS
  - 3 "STOP" PAVEMENT MARKINGS WITH STOP BAR STRIPING
  - 4 CURB RAMP PER CALTRANS STD. PLAN A88A (CASE C) SEE DETAIL SHEET C4
  - 5 CROSSWALK PER CALTRANS STD. PLAN A24F (BASIC)
  - 6 BICYCLE LANE SYMBOL WITH PERSON PER CALTRANS STD. PLAN A24C AND BIKE LANE ARROW PER CALTRANS STD. A24A
  - 7 BIKE LANE LINE PER DETAIL 39 CALTRANS STD. PLAN A20D
  - 8 NO PASSING DOUBLE YELLOW PER DETAIL 21 CALTRANS STD. PLAN A20A
  - 9 TRUNCATED DOME
  - 10 RED CURB MARKED WITH "NO PARKING"
  - 11 YELLOW CURB
  - 12 4" WHITE THERMOPLASTIC PARKING STRIP
  - 13 NO PARKING STRIPING
  - 14 NO PARKING SIGN R26 PER MUTCD
  - 15 STREET SIGN
- STRIPING AND SIGNING GENERAL NOTES**
1. INSTALLATION OF ALL STRIPING, SIGNS AND PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
  2. ALL STRIPING AND SIGNING SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF THE CALIFORNIA MANUAL ON TRAFFIC CONTROL DEVICES (CA MUTCD).
  3. ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL. CONTRACTOR SHALL VERIFY WITH THE COUNTY INSPECTOR THE EXACT STREET NAME AND PLACEMENT PRIOR TO ORDERING SIGNS.
  4. THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS BY SANDBLASTING AND/OR GRINDING WITH THE SEAL. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
  5. SIGN POSTS SHALL BE INSTALLED PER CONSTRUCTION NOTES EXACT POSITION AND LOCATION OF ALL ROADSIDE SIGNS SHALL BE DETERMINED IN THE FIELD.
  6. ALL RAISED MEDIAN NOSES TO BE PAINTED YELLOW.
  7. ALL SIGNS SHOWN ON THE STRIPING AND SIGNING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED OR TO REMAIN.
  8. STRIPED CROSSWALKS SHALL HAVE AN INSIDE DIMENSION OF 6 FEET, UNLESS OTHERWISE NOTED.
  9. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS (EXCEPT WITHIN BIKE LANES) SHALL BE THERMOPLASTIC.



**USA NORTH 811**  
Call Before You Dig  
CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 60'  
 (V): N/A



PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 M. SCOTT LILLIBRIDGE, P.E.  
 RCE 52504

DATE

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com  
 San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver

**LGI HOMES - CALIFORNIA, LLC**  
 NORTH VISTA PLAZA  
**SIGNAGE & STRIPING PLAN**

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C39
OF 43 SHEETS	

**EROSION & SEDIMENT CONTROL NOTES**

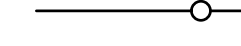

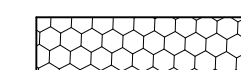
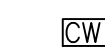

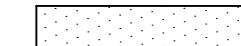
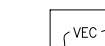
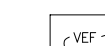
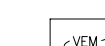
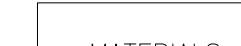

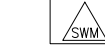

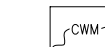


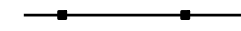
TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CALAVARES COUNTY DEVELOPMENT MANUAL - STORMWATER STANDARDS, MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLET, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO THE TOP OF SLOPES, THE CONTRACTOR SHALL INSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1 FT FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E., GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ONSITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE COUNTY OR RESIDENT ENGINEER AFTER EACH RUNOFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE COUNTY OR THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER OR THE ENGINEER OF WORK.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING, FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR BIWEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR, IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER, AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES. IF NO RAIN EVENT OCCURS THEN NO MEETING SHALL BE SCHEDULED.

**EROSION CONTROL NOTES**

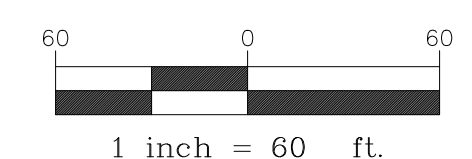
- PRIOR TO COMMENCEMENT OF GRADING, THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A STORMWATER POLLUTION PREVENTION PLAN, WHICH PROVIDES RECOMMENDATIONS AND PROCEDURES TO FULFILL STORMWATER DISCHARGE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT.
- REFERENCE THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION EROSION AND SEDIMENT CONTROL FIELD MANUAL THIRD EDITION JULY 1999 - HANDLING AND DISPOSAL OF CONCRETE AND CEMENT (SEE APPENDIX J OF SWPPP) FOR PROPER HANDLING AND DISPOSAL OF CONCRETE AND CEMENT-RELATED MORTARS TO MINIMIZE OR ELIMINATE DISCHARGES TO GUTTERS, STORM DRAINS, AND WATERCOURSES.
- REFERENCE THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION EROSION AND SEDIMENT CONTROL FIELD MANUAL THIRD EDITION JULY 1999 - PAVEMENT CONSTRUCTION MANAGEMENT (SEE APPENDIX J OF SWPPP) FOR PROPER MANAGEMENT OF PAVEMENT CONSTRUCTION MATERIALS AND ACTIVITIES MINIMIZING OR ELIMINATING DISCHARGES TO GUTTERS, STORM DRAINS, AND WATERCOURSES RESULTING FROM ONSITE ROAD PAVING, SURFACING, AND ASPHALT REMOVAL ACTIVITIES.
- REFERENCE THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION EROSION AND SEDIMENT CONTROL FIELD MANUAL THIRD EDITION JULY 1999 - VEHICLE AND EQUIPMENT SERVICE (SEE APPENDIX J OF SWPPP) FOR PREVENTION AND CONTROL OF LEAKS FROM EQUIPMENT AND VEHICLES AND PROPER MANAGEMENT OF WASH WATER TO ELIMINATE OR MINIMIZE DISCHARGE OF TOXIC POLLUTANTS TO THE STORM DRAIN SYSTEM AND WATERCOURSES.
- REFERENCE THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION EROSION AND SEDIMENT CONTROL FIELD MANUAL THIRD EDITION JULY 1999 - MATERIAL DELIVERY, HANDLING, AND STORAGE (SEE APPENDIX J SWPPP) FOR PROPERTY DELIVERY, HANDLING, AND STORAGE OF SOIL, WASTE, CONSTRUCTION MATERIALS, AND EQUIPMENT.
- REFERENCE THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION EROSION AND SEDIMENT CONTROL FIELD MANUAL THIRD EDITION JULY 1999 - DUST CONTROL (SEE APPENDIX J OF SWPPP) FOR INFORMATION ON HOW AND WHAT STABILIZING MATERIALS TO APPLY TO THE DISTURBED SOIL SURFACE TO PREVENT THE TRANSPORT OF SOIL FROM EXPOSED SURFACES ON CONSTRUCTION SITES EITHER BY WIND OR STORMWATER RUNOFF.
- REFERENCE THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION EROSION AND SEDIMENT CONTROL FIELD MANUAL THIRD EDITION JULY 1999 - STABILIZED CONSTRUCTION ENTRANCE (SEE APPENDIX J OF SWPPP) FOR INFORMATION ON HOW TO STABILIZE THE POINT OF INGRESS/EGRESSES FOR AN EFFECTIVE MEANS OF MINIMIZING THE TRACKING OF MUD AND DIRT ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.
- REFERENCE THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION EROSION AND SEDIMENT CONTROL FIELD MANUAL THIRD EDITION JULY 1999 - ENTRANCE/EXIT TIRE WASH (SEE APPENDIX J OF SWPPP) FOR INFORMATION ON HOW TO CONTROL THE TRACKING OF DIRT AND MUD ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.
- ALL EROSION CONTROL MEASURES PROVIDED, PER THE APPROVED EROSION CONTROL PLAN, SHALL BE INCORPORATED HEREON.
- THE CONSTRUCTION SITE PERIMETER IS SCHEMATIC AND NOT INTENDED TO EXPAND THE LIMITS OF WORK AS DELINEATED MORE PRECISELY ON OTHER CONTRACT DOCUMENTS.

**EROSION CONTROL LEGEND**

-  FIBER ROLL EROSION PROTECTION, PER CASQA DETAIL SE-5
-  INLET PROTECTION, PER CASQA DETAIL SE-10
-  STABILIZED CONSTRUCTION ENTRANCE/EXIT, PER CASQA DETAIL TC-1
-  CONCRETE WASHOUT, PER CASQA DETAIL WM-8
-  FIBER ROLL CHECK DAM PER CASQA DETAIL SE-4
-  HYDROSEEDING PER CASQA DETAIL EC-4
-  VEHICLE AND EQUIPMENT CLEANING PER CASQA DETAIL NS-8
-  VEHICLE AND EQUIPMENT FUELING PER CASQA DETAIL NS-9
-  VEHICLE AND EQUIPMENT MAINTENANCE PER CASQA DETAIL NS-10
- MATERIALS**
-  MATERIAL DELIVERY AND STORAGE PER CASQA DETAIL WM-1.
-  MATERIAL USE PER CASQA DETAIL WM-2
-  SOLID WASTE MANAGEMENT PER CASQA DETAIL WM-5
-  HAZARDOUS WASTE MANAGEMENT PER CASQA DETAIL WM-6
-  CONCRETE WASTE MANAGEMENT PER CASQA DETAIL WM-8
-  SANITARY AND SEPTIC WASTE MANAGEMENT PER CASQA DETAIL WM-9
-  STREET SWEEPING
-  SILT FENCING



GRAPHIC SCALE



CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING



SEE SHEET C41 FOR CONTINUATION

REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

DESIGNED BY: RICK  
 DRAWN BY: RICK  
 REVIEWED BY: RICK  
 SCALE (H): 1" = 60'  
 (V): N/A



PREPARED UNDER THE DIRECTIONS OF:

**RICK ENGINEERING COMPANY**  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 rickengineering.com

M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

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LGI HOMES - CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**EROSION CONTROL PLAN**  
 SHEET 1

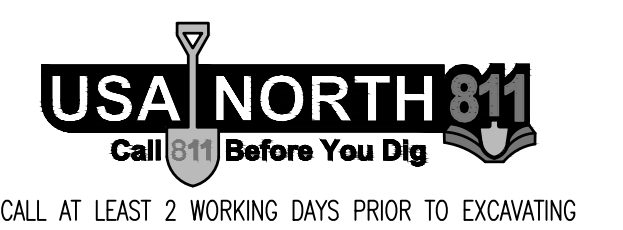
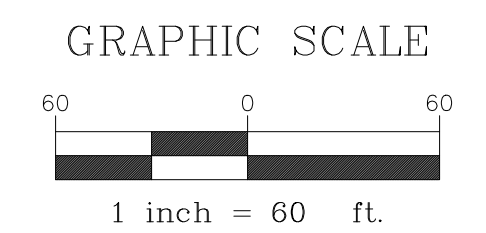
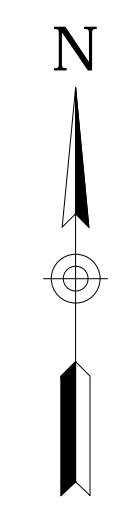
VALLEY SPRINGS CALAVARES COUNTY CALIFORNIA

DATE: 12/03/2022  
 JOB NUMBER: 19361  
 SHEET NUMBER: C40  
 OF 43 SHEETS

SEE SHEET C40 FOR CONTINUATION



- EROSION CONTROL LEGEND**
- FIBER ROLL EROSION PROTECTION, PER CASQA DETAIL SE-5
  - INLET PROTECTION, PER CASQA DETAIL SE-10
  - STABILIZED CONSTRUCTION ENTRANCE/EXIT, PER CASQA DETAIL TC-1
  - CONCRETE WASHOUT, PER CASQA DETAIL WM-8
  - FIBER ROLL CHECK DAM PER CASQA DETAIL SE-4
  - HYDROSEEDING PER CASQA DETAIL EC-4
  - VEHICLE AND EQUIPMENT CLEANING PER CASQA DETAIL NS-8
  - VEHICLE AND EQUIPMENT FUELING PER CASQA DETAIL NS-9
  - VEHICLE AND EQUIPMENT MAINTENANCE PER CASQA DETAIL NS-10
  - MATERIALS**
  - MATERIAL DELIVERY AND STORAGE PER CASQA DETAIL WM-1.
  - MATERIAL USE PER CASQA DETAIL WM-2
  - SOLID WASTE MANAGEMENT PER CASQA DETAIL WM-5
  - HAZARDOUS WASTE MANAGEMENT PER CASQA DETAIL WM-6
  - CONCRETE WASTE MANAGEMENT PER CASQA DETAIL WM-8
  - SANITARY AND SEPTIC WASTE MANAGEMENT PER CASQA DETAIL WM-9
  - STREET SWEEPING
  - SILT FENCING



REV	DATE	DESCRIPTION	APP'D

**PRELIMINARY NOT FOR CONSTRUCTION**

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 DRAWN BY: RICK  
 REVIEWED BY: RICK  
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 (V): N/A



PREPARED UNDER THE DIRECTIONS OF:

M. SCOTT LILLIBRIDGE, P.E. DATE  
 RCE 52504

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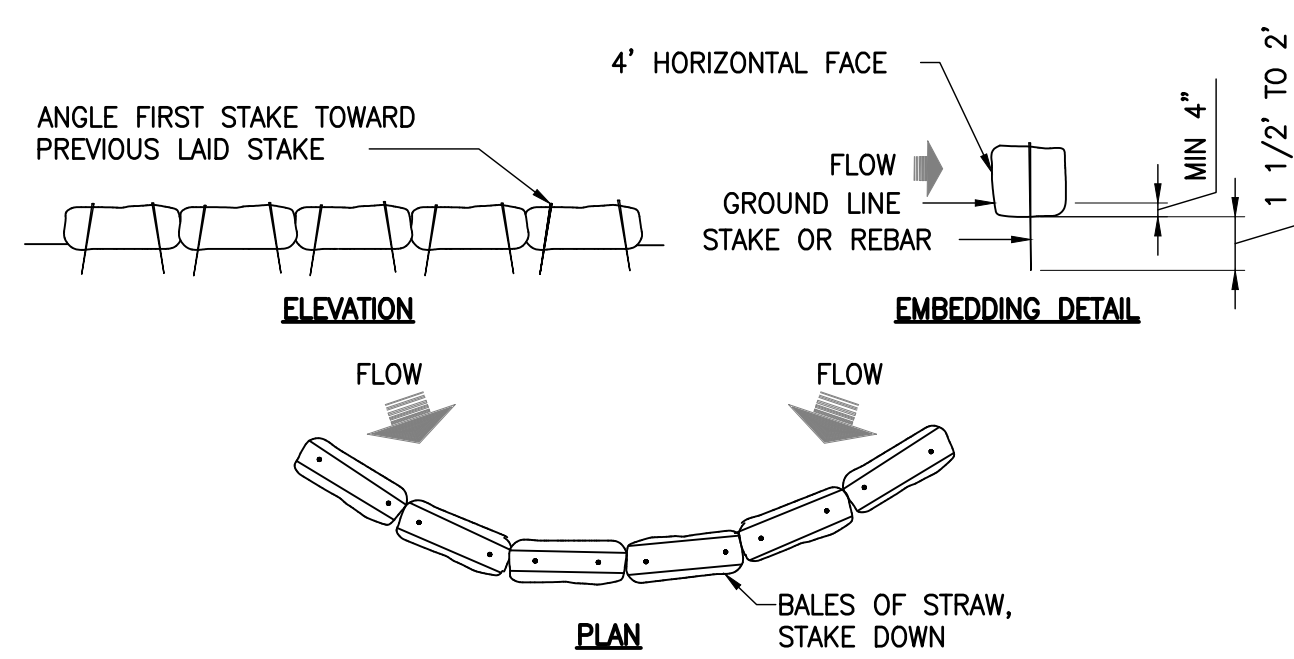
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LGI HOMES – CALIFORNIA, LLC  
 NORTH VISTA PLAZA  
**EROSION CONTROL PLAN**  
 SHEET 2

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

DATE	12/03/2022
JOB NUMBER	19361
SHEET NUMBER	C41
OF 43 SHEETS	

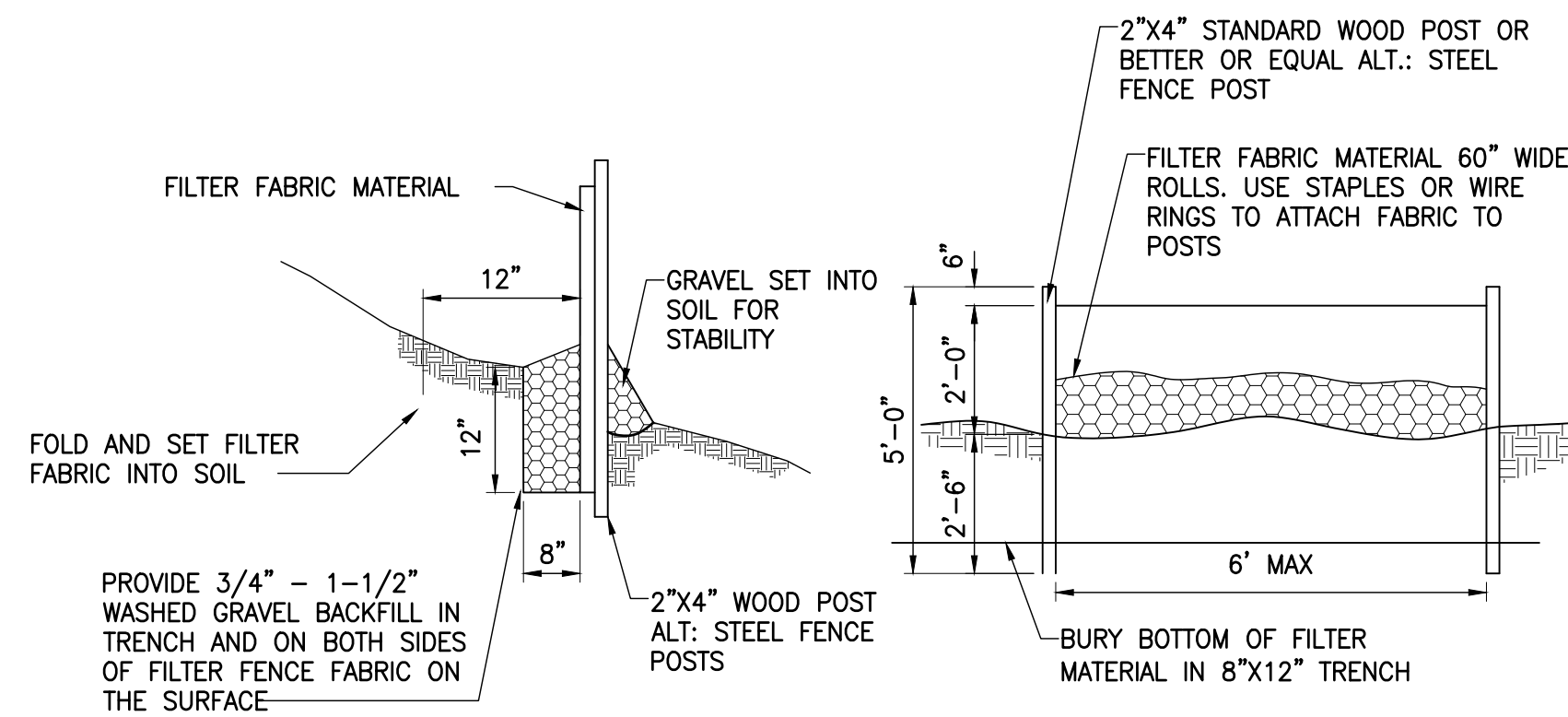
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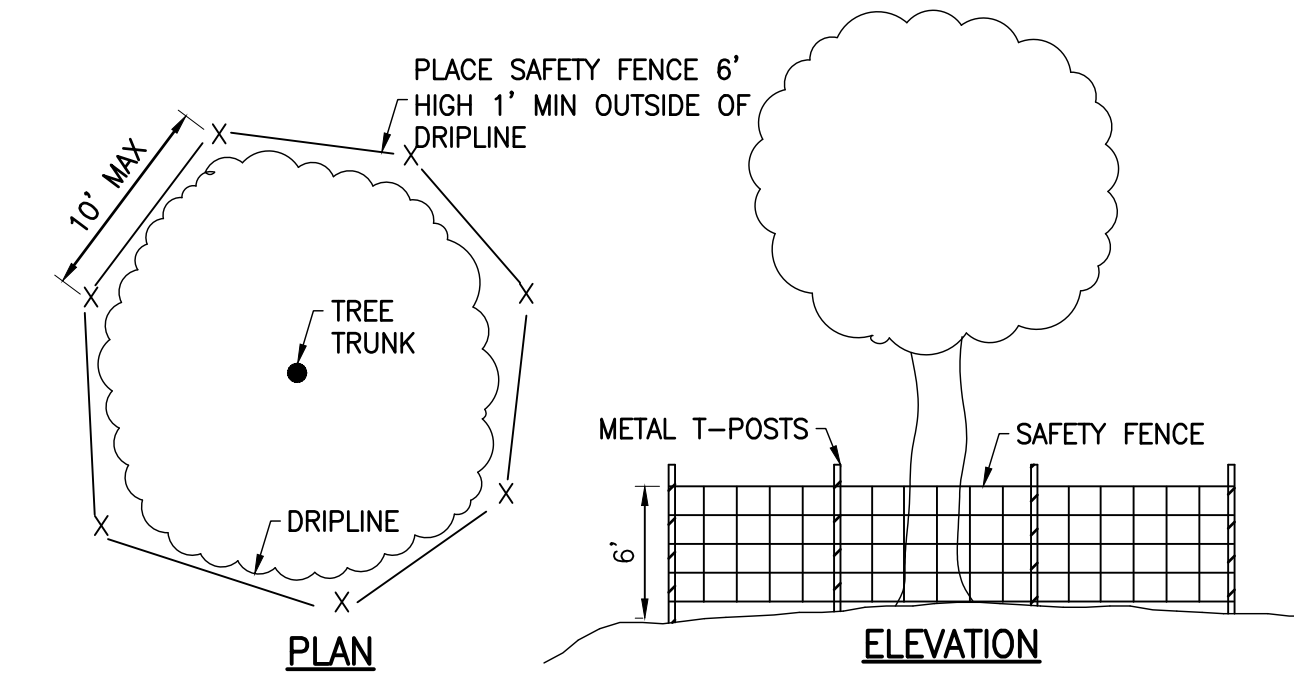
**DETAIL NOTE:**

- BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHOULD BE EMBEDDED INTO THE SOIL A MIN. OF 4" WHERE POSSIBLE.
- EACH BALE SHOULD BE SECURED USING STAKES OR REBAR DRIVEN THROUGH BALES.
- INSPECTION SHALL BE FREQUENT, AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY, AS NEEDED BY CONTRACTOR.
- BALES SHALL BE REMOVED AFTER SERVING THEIR USEFULNESS AS TO NOT IMPEDE OR BLOCK FLOW OR DRAINAGE.
- ACCUMULATED SILT SHALL BE REMOVED WHEN A DEPTH OF 9" IS REACHED.
- ALL TEMPORARY EROSION CONTROL IMPROVEMENTS SHALL BE REMOVED AND THE GROUND AROUND THEM SHALL BE RETURNED TO ITS ORIGINAL STATE FOLLOWING THE WINTER STORM PERIOD. THE DISTURBED AREA AFFECTED BY THIS PROCESS SHALL BE SEEDED WITH RYE GRASS.

**1 STRAW BALE DIKE**  
NOT TO SCALE

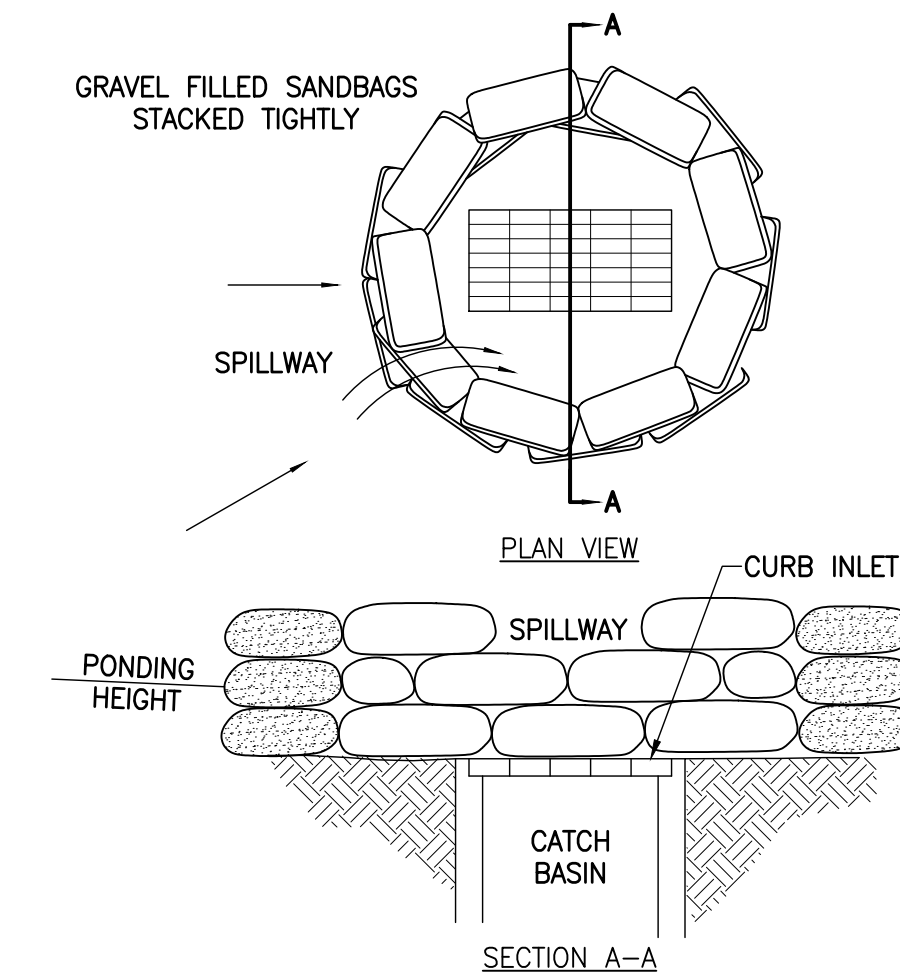


**2 SILT FENCING**  
NOT TO SCALE



NOTE:  
FENCING MUST CONFORM TO COUNTY RES.  
#199-91 FOR OAK TREE PRESERVATION.

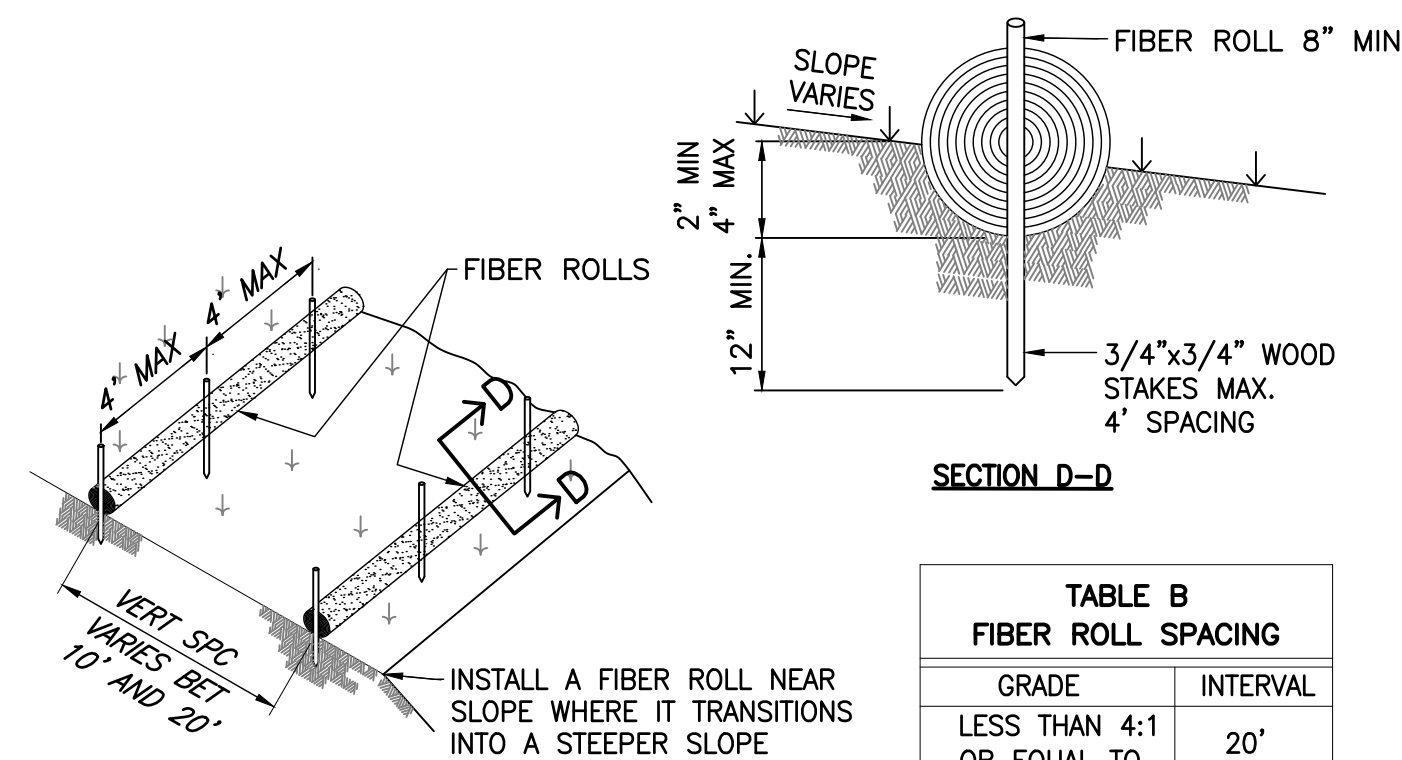
**3 OAK TREE FENCING**  
NOT TO SCALE



**NOTE:**

- PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER RUNOFF CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF
- SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
- LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
- INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

**4 SANDBAG AT INLET**  
NOT TO SCALE

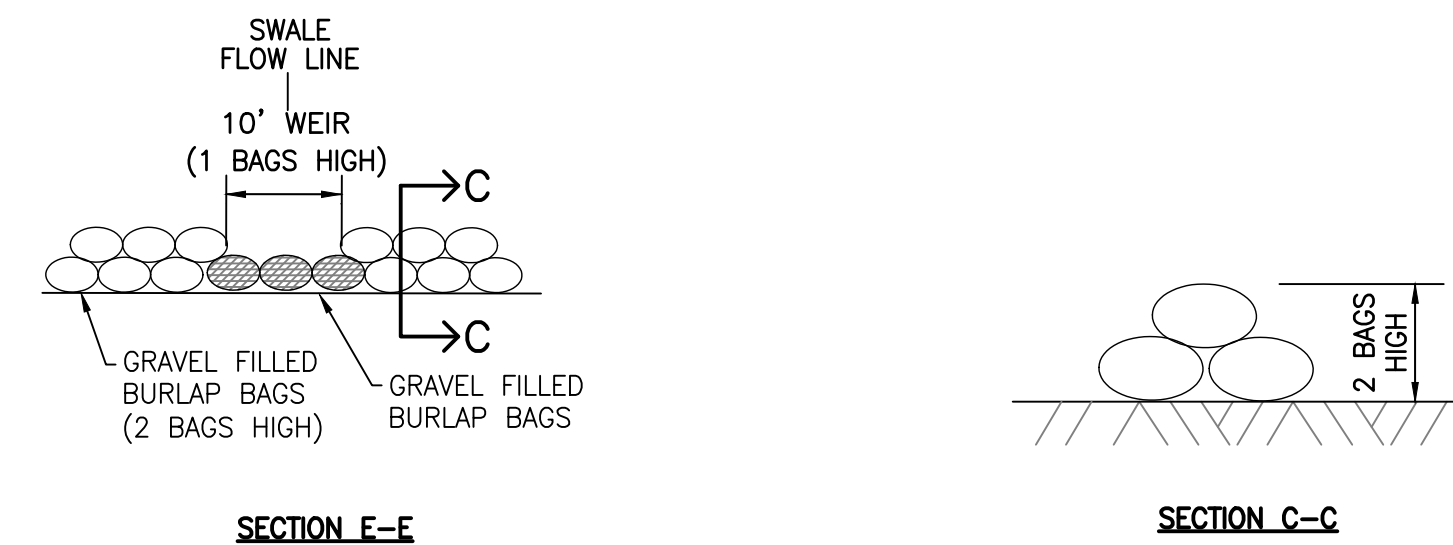


GRADE	INTERVAL
LESS THAN 4:1 OR EQUAL TO	20'
4:1 TO 2:1	15'
2:1 AND GREATER	10'

NOTE:  
INSTALL FIBER ROLL ALONG A LEVEL CONTOUR

\*NOTE: REFER TO CASQA STORMWATER BMP SE-5 FOR MORE INFORMATION

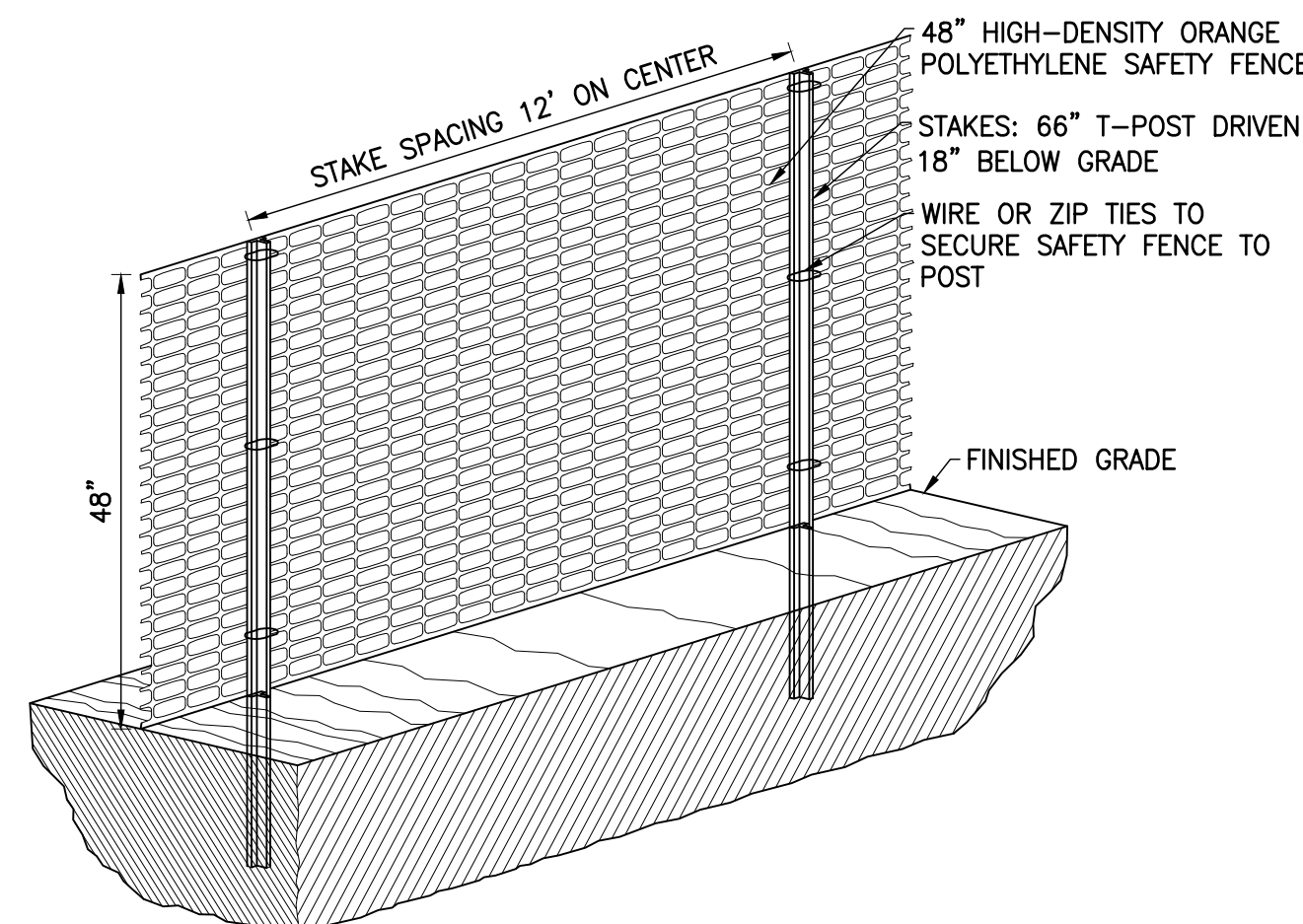
**5 TYPICAL FIBER ROLL INSTALLATION**  
NOT TO SCALE



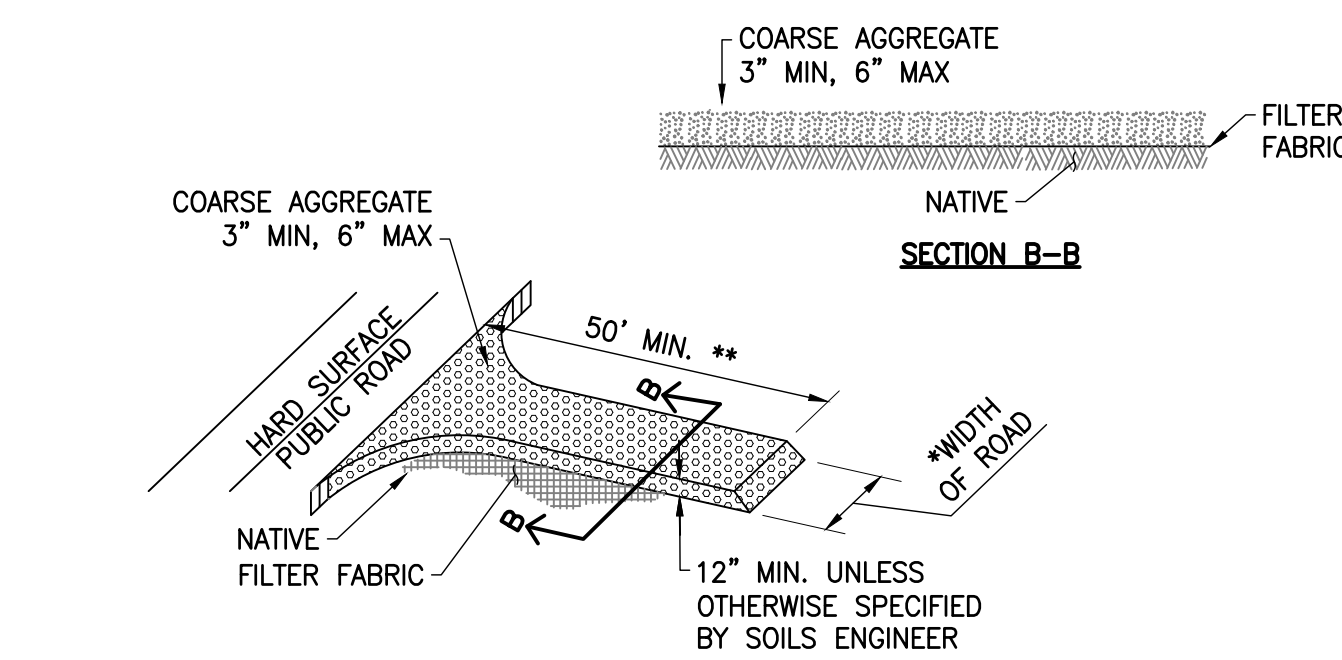
GRADE	INTERVAL
LESS THAN 2%	200'
2.0% TO 4.0%	75'
4.0% TO 6.0%	40'
6.0% TO 10.0%	25'

\*NOTE: REFER TO CASQA STORMWATER BMP HANDBOOK SE-4 FOR MORE INFORMATION

**6 VELOCITY CHECK DAMS**  
NOT TO SCALE



**9 48" CONSTRUCTION SAFETY FENCE**  
NOT TO SCALE

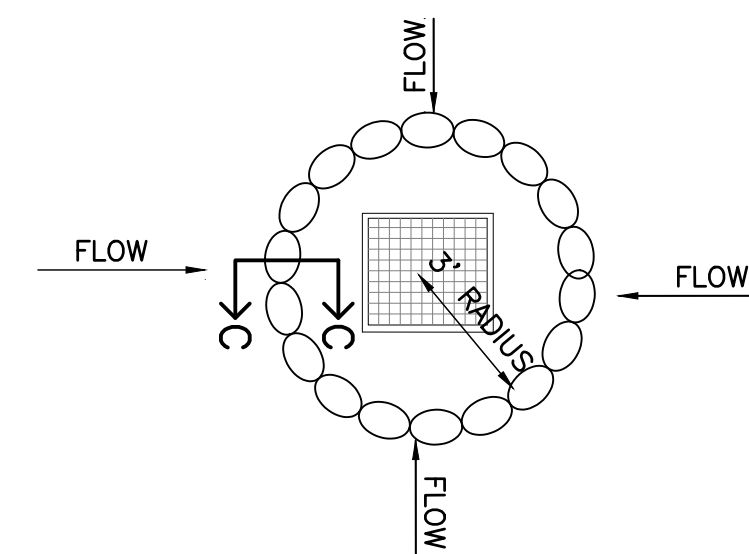


\*\* NOTE:  
OR FOUR TIMES THE CIRCUMFERENCE OF THE LARGEST CONSTRUCTION VEHICLE TIRE, WHICHEVER IS GREATER

\* NOTE:  
MINIMUM WIDTH OF ROAD - 30 FEET

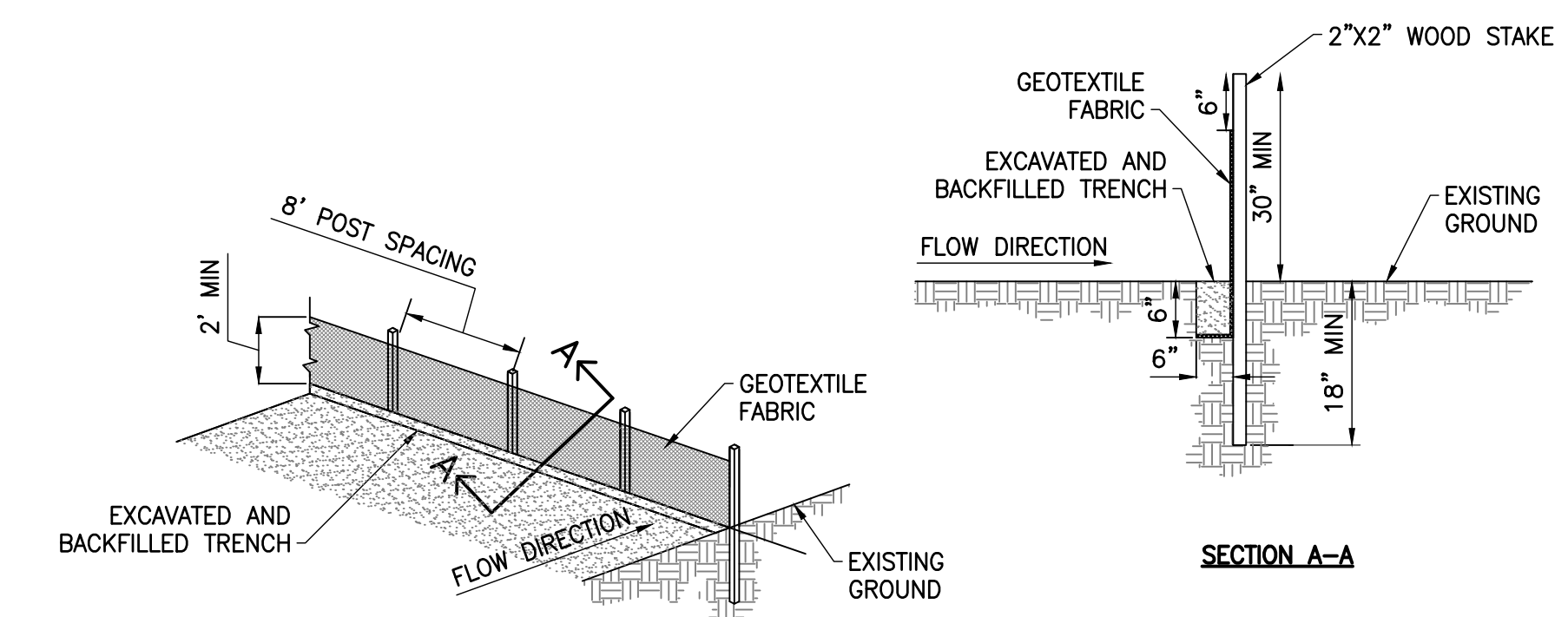
\*NOTE: REFER TO CASQA STORMWATER BMP HANDBOOK TC-1 FOR MORE INFORMATION

**10 STABILIZED CONSTRUCTION ENTRANCE/EXIT**  
NOT TO SCALE

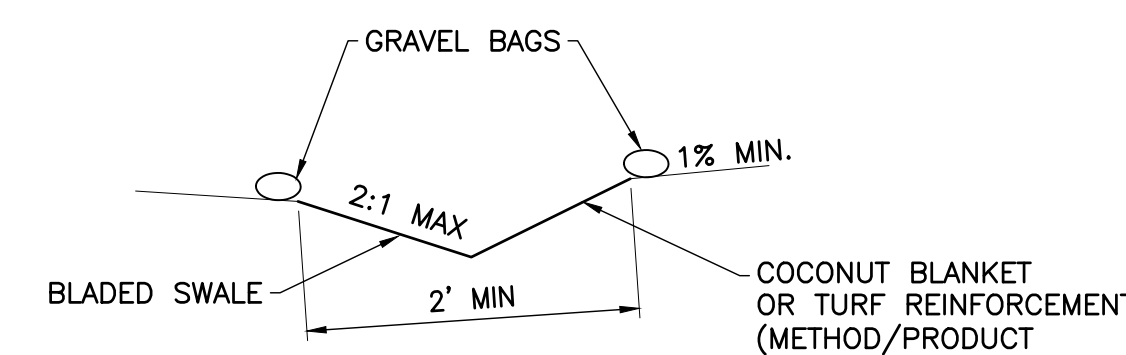


\*NOTE: REFER TO CASQA STORMWATER BMP HANDBOOK SE-10 FOR MORE INFORMATION

**7 GRAVEL BAGS AROUND INLET**  
NOT TO SCALE



**8 SILT FENCE INSTALLATION**  
NOT TO SCALE



\*NOTE: REFER TO CASQA STORMWATER BMP EC-9 FOR MORE INFORMATION

**11 DRAINAGE SWALE**  
NOT TO SCALE

GRADE	RIP RAP
0.5-1.0%	4" ROCK
1.1-2.0%	6" ROCK
2.1-4.0%	8" ROCK
4.1%-5.0%	8-12" RIPRAP

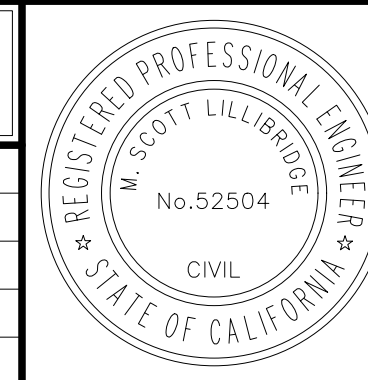


CALL AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATING

REV	DATE	DESCRIPTION	APP'D

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY: RICK  
DRAWN BY: RICK  
REVIEWED BY: RICK  
SCALE (H): N/A  
(V): N/A



PREPARED UNDER THE DIRECTIONS OF:

M. SCOTT LILLIBRIDGE, P.E. DATE  
RCE 52504



2525 EAST BIDWELL STREET  
FOLSOM, CA 95630  
916.638.8200

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LGI HOMES - CALIFORNIA, LLC  
NORTH VISTA PLAZA  
**EROSION CONTROL DETAILS**

VALLEY SPRINGS

CALAVERAS COUNTY

CALIFORNIA

DATE  
12/03/2022  
JOB NUMBER  
19361  
SHEET NUMBER  
C42  
OF 43 SHEETS

**OWNER'S STATEMENT**

THE UNDERSIGNED, HEREBY CERTIFIES THAT THEY ARE THE OWNERS OF THE RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THIS FINAL MAP OF NORTH VISTA PLAZA, WITHIN THE DISTINCTIVE BORDERS AND THAT THEY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP. WE HEREBY OFFER THE FOLLOWING DEDICATIONS:

THE FOLLOWING ARE HEREBY IRREVOCABLY AND IN PERPETUITY OFFERED FOR DEDICATION FOR PUBLIC STREET PURPOSES AND PUBLIC USE EASEMENT PURPOSES TO THE COUNTY OF CALAVERAS: 72-FT WIDE VISTA DEL LAGO WEST RIGHT-OF-WAY, SUBJECT TO IMPROVEMENTS.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES TO THE COUNTY OF CALAVERAS: OVER STREET 'A', STREET 'B', STREET 'C', STREET 'D', STREET 'E', STREET 'F', STREET 'G', STREET 'H', STREET 'I', STREET 'J', AND STREET 'K', SHOWN AS PRIVATE STREETS. THE DEDICATION IS FOR PUBLIC UTILITY PURPOSES, TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS FOR SERVICE AND EMERGENCY VEHICLES AND PERSONNEL.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES TO THE COUNTY OF CALAVERAS: LYING WITHIN LOTS 109 TO 116, INCLUSIVE, LOTS 119, 120, 124 TO 154, INCLUSIVE, PARCEL 'H' AND PARCEL 'I', SHOWN AS ACCESS & UTILITY EASEMENT. THE DEDICATION IS FOR PUBLIC UTILITY PURPOSES, TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS FOR SERVICE AND EMERGENCY VEHICLES AND PERSONNEL.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES TO THE COUNTY OF CALAVERAS: LYING WITHIN LOTS 129 AND 131, SHOWN AS 15' EMERGENCY VEHICLE ACCESS EASEMENT. THE DEDICATION IS FOR RIGHT OF INGRESS AND EGRESS FOR SERVICE AND EMERGENCY VEHICLE AND PERSONNEL.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES TO THE COUNTY OF CALAVERAS: SHOWN AS "10' PUBLIC UTILITY EASEMENT (P.U.E.)". THE DEDICATION IS FOR PUBLIC UTILITY PURPOSES ON, OVER, UNDER, AND ACROSS THOSE 10 FEET WIDE STRIPS OF LAND ADJACENT TO ALL PRIVATE STREETS FOR THE INSTALLATION AND MAINTENANCE OF UTILITIES AND ALL USES INCIDENT THERETO.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES TO THE CALAVERAS COUNTY WATER DISTRICT (CCWD): DOMESTIC WATER, SANITATION AND ACCESS EASEMENTS LYING WITHIN STREET 'A', STREET 'B', STREET 'C', STREET 'D', STREET 'E', STREET 'F', STREET 'G', STREET 'H', STREET 'I', STREET 'J', AND STREET 'K', SHOWN AS PRIVATE STREETS. THE DEDICATION IS FOR DOMESTIC WATER, SANITATION AND ACCESS PURPOSES AND INCLUDE THE RIGHT TO ENTER UPON SAID LANDS FOR INSTALLATION, OPERATION AND MAINTENANCE PURPOSES AND ALL USES INCIDENT THERETO.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR UTILITY PURPOSES TO THE CALAVERAS COUNTY WATER DISTRICT (CCWD): LYING WITHIN LOTS 136 AND 137, SHOWN AS 15' SEWER EASEMENT. THE DEDICATION IS FOR SANITATION AND ACCESS PURPOSES ALL USES INCIDENT THERETO.

WE HEREBY RETAIN FOR PRIVATE STREET AND DRAINAGE PURPOSES AND MAINTENANCE THEREOF, STREET 'A', STREET 'B', STREET 'C', STREET 'D', STREET 'E', STREET 'F', STREET 'G', STREET 'H', STREET 'I', STREET 'J', AND STREET 'K', SHOWN AS PRIVATE STREETS, FOR THE SOLE BENEFIT OF OURSELVES, OUR SUCCESSORS, ASSIGNEES, AND LOT OWNERS WITHIN THIS MAP.

WE ALSO HEREBY RETAIN FOR PRIVATE STREET AND DRAINAGE PURPOSES AND MAINTENANCE THEREOF, ACCESS AND UTILITY EASEMENTS LYING WITHIN LOTS 109 TO 116, INCLUSIVE, LOTS 119, 120, AND LOTS 124 TO 154, INCLUSIVE, SHOWN AS ACCESS AND UTILITY EASEMENT FOR THE SOLE BENEFIT OF OURSELVES, OUR SUCCESSORS, ASSIGNEES, AND LOT OWNERS WITHIN THIS MAP.

WE ALSO HEREBY RETAIN FOR OPEN SPACE PURPOSES, LANDSCAPING PURPOSES, PARK PURPOSES, DRAINAGE PURPOSES AND MAINTENANCE THEREOF, PARCELS 'A' TO 'K', INCLUSIVE, FOR THE SOLE BENEFIT OF OURSELVES, OUR SUCCESSORS, ASSIGNEES, AND LOT OWNERS WITHIN THIS MAP.

WE ALSO HEREBY RETAIN FOR DRAINAGE PURPOSES AND MAINTENANCE THEREOF, A 15' DRAINAGE EASEMENT LYING WITHIN LOTS 18 AND 19, FOR THE SOLE BENEFIT OF OURSELVES, OUR SUCCESSORS, ASSIGNEES, AND LOT OWNERS WITHIN THIS MAP.

WE ALSO HEREBY RETAIN FOR OPEN SPACE PURPOSES AND DRAINAGE PURPOSES AND MAINTENANCE THEREOF, RESTRICTED OPEN SPACE AND DRAINAGE EASEMENTS LYING WITHIN LOTS 38 TO 47, INCLUSIVE, FOR THE SOLE BENEFIT OF OURSELVES, OUR SUCCESSORS, ASSIGNEES, AND LOT OWNERS WITHIN THIS MAP.

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 EVAN LICHT, VP OF LAND ACQUISITIONS  
 LGI HOMES - CALIFORNIA, LLC

[ SEE SHEET 2 FOR NOTARY ACKNOWLEDGMENT ]

**SURVEYOR'S STATEMENT**

THIS MAP HAS BEEN PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF LGI HOMES - CALIFORNIA, LLC IN MARCH, 2021. I HEREBY STATE THAT ALL THE MONUMENTS ARE OF CHARACTER AND OCCUPY THE POSITIONS INDICATED OR THAT ALL INTERIOR MONUMENTS WILL BE SET IN THE POSITIONS INDICATED UPON COMPLETION OF NORTH VISTA IMPROVEMENTS BUT NO LATER THAN ONE (1) YEAR, AND THAT THE MONUMENTS WILL BE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED TENTATIVE MAP.

\_\_\_\_\_  
 MATTHEW DAVID MORROW DATE \_\_\_\_\_  
 L.S. 8501

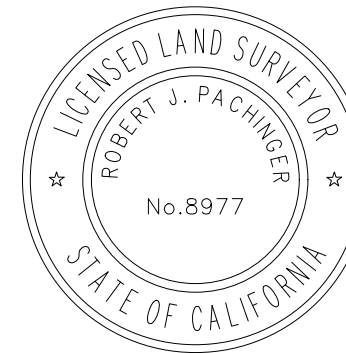


**COUNTY SURVEYOR'S STATEMENT**

I, ROBERT J. PACHINGER, HEREBY CERTIFY THAT I AM THE COUNTY SURVEYOR OF CALAVERAS COUNTY, CALIFORNIA; THAT I HAVE EXAMINED THE WITHIN MAP AND THAT THE SUBDIVISION AS SHOWN THEREIN LIES WITHIN AN UNINCORPORATED AREA AND IS SUBSTANTIALLY THE SAME AS IT APPEARED ON TENTATIVE SUBDIVISION TRACT MAP 2005-190 AND ANY APPROVED ALTERATION THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ANY LOCAL ORDINANCES APPLICABLE AT THE TIME OF APPROVAL OF THE TENTATIVE MAP HAVE BEEN COMPLIED WITH AND I AM SATISFIED THAT THE MAP IS TECHNICALLY CORRECT.

CALAVERAS COUNTY - COUNTY SURVEYOR

\_\_\_\_\_  
 ROBERT J. PACHINGER, L.S. 8977 DATED \_\_\_\_\_



**CLERK'S STATEMENT**

I, REBECCA TURNER, HEREBY CERTIFY THAT I AM THE CLERK OF THE BOARD OF SUPERVISORS FOR CALAVERAS COUNTY; THAT THE BOARD BEING THE PROPER APPROVING BODY, HAS APPROVED THE WITHIN FINAL MAP OF NORTH VISTA PLAZA, TRACT #2005-190 BY AN ORDER DULY MADE ON \_\_\_\_\_, AND HAS ACCEPTED ON BEHALF OF THE PUBLIC VISTA DEL LAGO WEST, SUBJECT TO IMPROVEMENTS, AND ACCEPTED THE EASEMENTS FOR PUBLIC PURPOSES.

REBECCA TURNER BY: \_\_\_\_\_  
 COUNTY CLERK RECORDER DEPUTY

**REDEMPTION OFFICER'S STATEMENT**

I, BARBARA SULLIVAN, HEREBY CERTIFY THAT I AM THE REDEMPTION OFFICER OF CALAVERAS COUNTY, CALIFORNIA; THAT ACCORDING TO THE RECORDS OF MY OFFICE, THERE ARE NO LIENS AGAINST THE SUBDIVISION PORTRAYED ON THE WITHIN MAP OR ANY PART THEREOF FOR UNPAID STATE, COUNTY, MUNICIPAL OR LOCAL TAXES, OR SPECIAL ASSESSMENTS NOT YET PAYABLE.

\_\_\_\_\_  
 BARBARA SULLIVAN DATED \_\_\_\_\_  
 CALAVERAS COUNTY REDEMPTION OFFICER

**RECORDER'S STATEMENT**

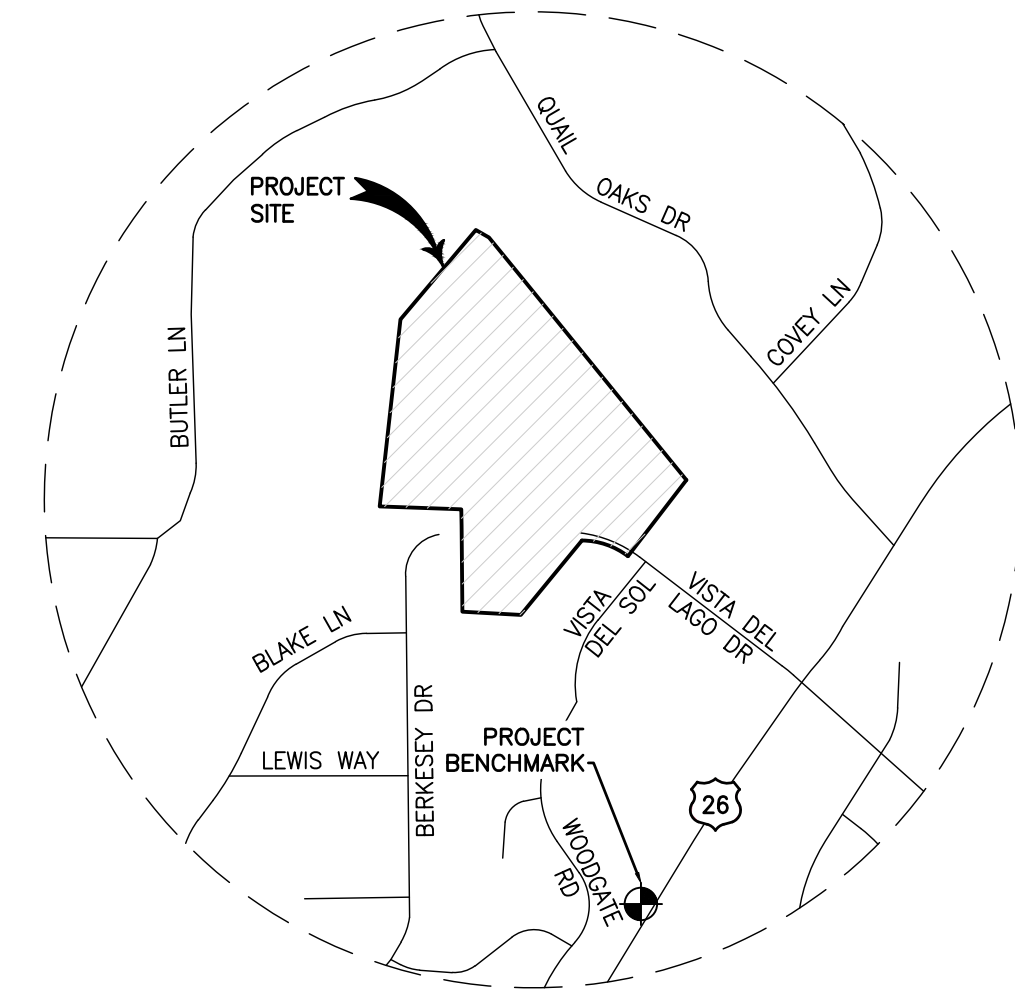
FILED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ AT \_\_\_\_\_ IN BOOK \_\_\_\_\_ OF SUBDIVISIONS AT PAGE \_\_\_\_\_ AT THE REQUEST OF THE CALAVERAS COUNTY SURVEYOR. DOCUMENT NO. \_\_\_\_\_

REBECCA TURNER BY: \_\_\_\_\_  
 CALAVERAS COUNTY CLERK RECORDER DEPUTY

**ABANDONMENT NOTE**

PURSUANT TO SECTION 66477.2(e) OF THE SUBDIVISION MAP ACT, THE APPROVAL AND RECORDATION OF THIS MAP CONSTITUTES TERMINATION AND ABANDONMENT OF THE FOLLOWING:

1. STREET A, AS SHOWN AND DEDICATED IN BOOK 8 OF SUBDIVISION MAPS, AT PAGE 29.
2. THE 10-FT PUBLIC UTILITY EASEMENT ALONG THE ROAD RIGHT-OF-WAY OF STREET A, AS DESCRIBED IN BOOK 8 OF SUBDIVISION MAPS, AT PAGE 29.



VICINITY MAP  
 NO SCALE

**CERTIFICATE OF ACCEPTANCE**

I HEREBY CERTIFY THAT UNDER THE AUTHORITY GRANTED TO ME BY CALAVERAS COUNTY WATER DISTRICT (CCWD), I ACCEPT ON, BEHALF OF CCWD, THE DEDICATION OF EASEMENTS AS OFFERED HEREON.

**AREA OF INUNDATION STATEMENT**

THERE ARE NO AREAS OF INUNDATION, OTHER THAN NORMAL CHANNELIZATION ON THIS MAP.

\_\_\_\_\_  
 M. SCOTT LILLIBRIDGE, P.E.  
 R.C.E. 52504



**FINAL MAP  
 OF  
 NORTH VISTA PLAZA  
 SUBDMISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
 PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA



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**NOTARY ACKNOWLEDGMENT**

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA  
COUNTY OF PLACER

ON \_\_\_\_\_ BEFORE ME, A NOTARY PUBLIC, \_\_\_\_\_  
PERSONALLY APPEARED \_\_\_\_\_ WHO PROVED TO ME ON THE BASIS OF  
SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN  
INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/HE/THEY EXECUTED THE SAME IN HIS/HER/THEIR  
AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE  
PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE  
FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

SIGNATURE OF NOTARY: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_

COUNTY OF \_\_\_\_\_

COMMISSION NO. \_\_\_\_\_ COMMISSION EXPIRATION: \_\_\_\_\_

MY PRIMARY PLACE OF BUSINESS IS \_\_\_\_\_ COUNTY

**FINAL MAP  
OF  
NORTH VISTA PLAZA  
SUBDIVISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

<b>RICK</b> ENGINEERING COMPANY	2525 EAST BIDWELL STREET FOLSOM, CA 95630 916.638.8200 (FAX)916.934.5144	<a href="http://rickengineering.com">rickengineering.com</a>
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**LEGEND**

- ⊙ SET STREET MONUMENT PER 2015 CALTRANS STANDARD PLANS DETAIL A74 TYPE D
- DIMENSION POINT, NOTHING FOUND OR SET
- FOUND MONUMENT AS NOTED
- ⊗ SET 5/8" REBAR AND CAP TAGGED LS8501
- SEARCH NOT FOUND
- SET 5/8" REBAR AND CAP TAGGED LS8501
- ⊗ SET 3/8" REBAR AND CAP TAGGED LS8501
- PROPERTY LINE
- - - EXISTING RIGHT-OF-WAY
- - - EASEMENT
- ROAD CENTERLINE
- ADJOINER PARCEL

**NOTES**

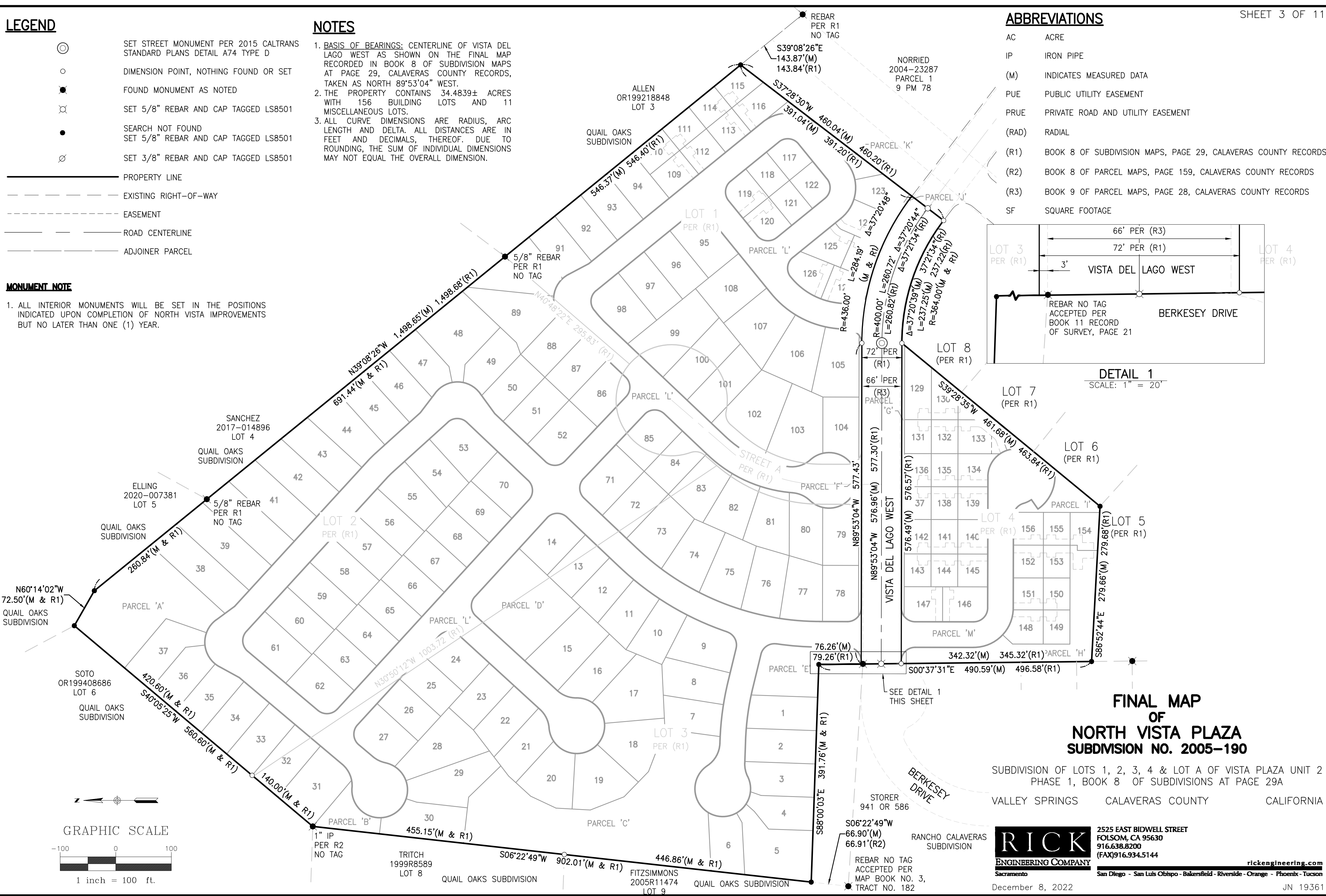
1. BASIS OF BEARINGS: CENTERLINE OF VISTA DEL LAGO WEST AS SHOWN ON THE FINAL MAP RECORDED IN BOOK 8 OF SUBDIVISION MAPS AT PAGE 29, CALAVERAS COUNTY RECORDS, TAKEN AS NORTH 89°53'04" WEST.
2. THE PROPERTY CONTAINS 34.4839± ACRES WITH 156 BUILDING LOTS AND 11 MISCELLANEOUS LOTS.
3. ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES ARE IN FEET AND DECIMALS, THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.

**ABBREVIATIONS**

- AC ACRE
- IP IRON PIPE
- (M) INDICATES MEASURED DATA
- PUE PUBLIC UTILITY EASEMENT
- PRUE PRIVATE ROAD AND UTILITY EASEMENT
- (RAD) RADIAL
- (R1) BOOK 8 OF SUBDIVISION MAPS, PAGE 29, CALAVERAS COUNTY RECORDS
- (R2) BOOK 8 OF PARCEL MAPS, PAGE 159, CALAVERAS COUNTY RECORDS
- (R3) BOOK 9 OF PARCEL MAPS, PAGE 28, CALAVERAS COUNTY RECORDS
- SF SQUARE FOOTAGE

**MONUMENT NOTE**

1. ALL INTERIOR MONUMENTS WILL BE SET IN THE POSITIONS INDICATED UPON COMPLETION OF NORTH VISTA IMPROVEMENTS BUT NO LATER THAN ONE (1) YEAR.



**DETAIL 1**  
SCALE: 1" = 20'

**FINAL MAP OF NORTH VISTA PLAZA SUBDIVISION NO. 2005-190**

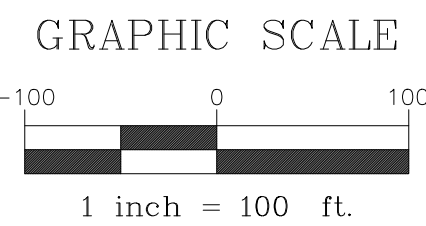
SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2 PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

**RICK ENGINEERING COMPANY**  
Sacramento

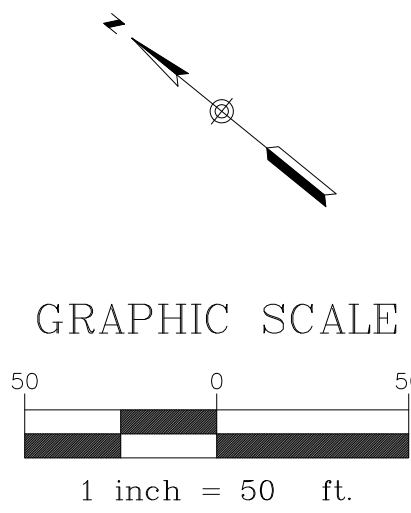
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December 8, 2022  
JN 19361

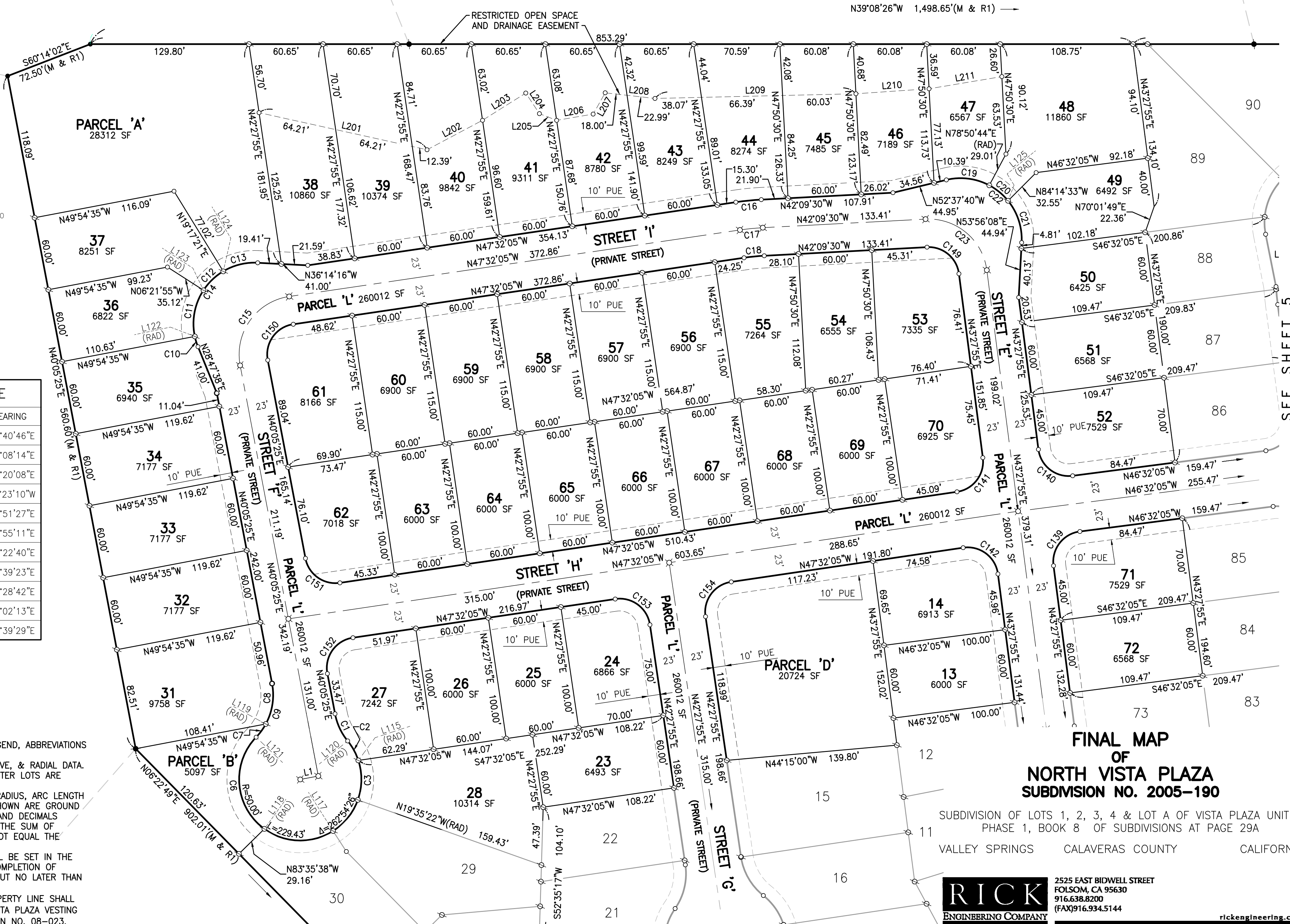






OPEN SPACE		
LINE NO.	LENGTH	BEARING
L201	140.80'	S26°40'46"E
L202	51.40'	S67°08'14"E
L203	41.85'	S71°20'08"E
L204	20.22'	S17°23'10"W
L205	15.13'	S17°51'27"E
L206	30.31'	S48°55'11"E
L207	20.02'	N80°22'40"E
L208	40.99'	S32°39'23"E
L209	164.49'	S40°28'42"E
L210	60.01'	S43°02'13"E
L211	60.39'	S48°39'29"E

- NOTES:**
- SEE SHEET 3 FOR NOTES, LEGEND, ABBREVIATIONS AND BASIS OF BEARINGS.
  - SEE SHEET 11 FOR LINE, CURVE, & RADIAL DATA.
  - ACCESS EASEMENTS FOR CLUSTER LOTS ARE SHOWN ON SHEETS 8 & 9.
  - ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
  - ALL INTERIOR MONUMENTS WILL BE SET IN THE POSITIONS INDICATED UPON COMPLETION OF NORTH VISTA IMPROVEMENTS BUT NO LATER THAN ONE (1) YEAR.
  - BUILDING SETBACK FROM PROPERTY LINE SHALL BE PER EXHIBIT 7 (NORTH VISTA PLAZA VESTING TENTATIVE MAP) OF RESOLUTION NO. 08-023, PASSED AND ADOPTED ON 01/22/2008.



SEE SHEET 6

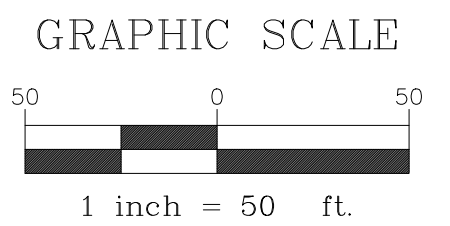
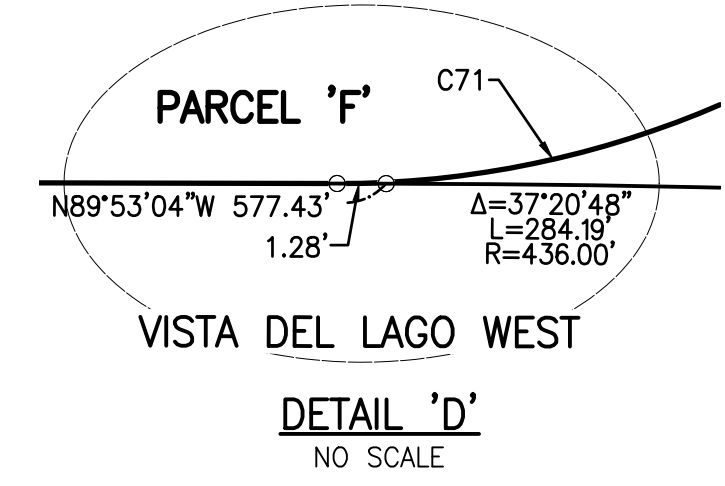
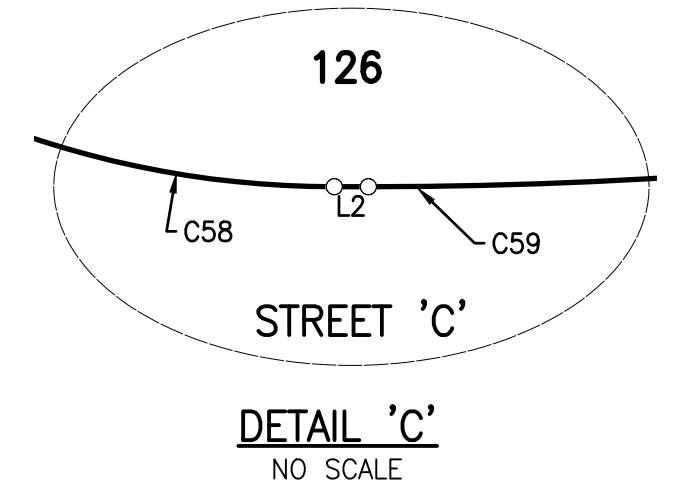
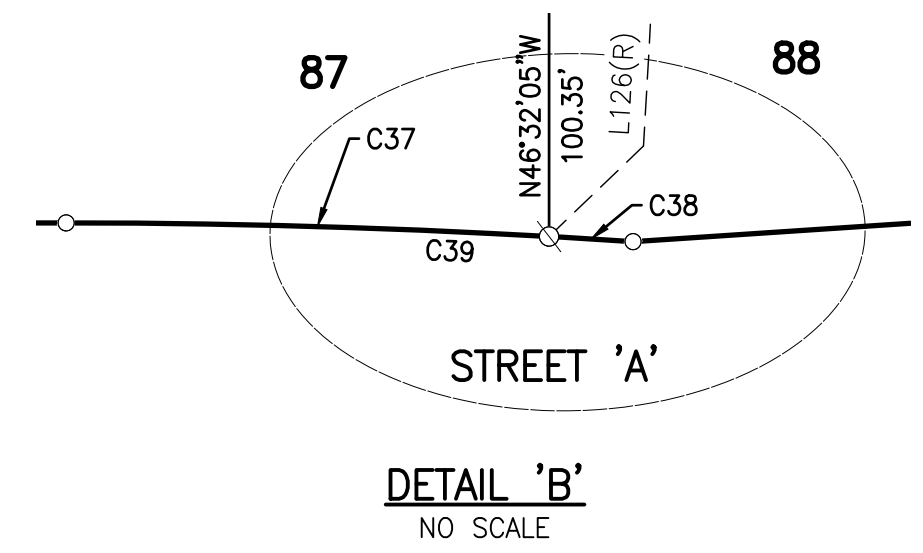
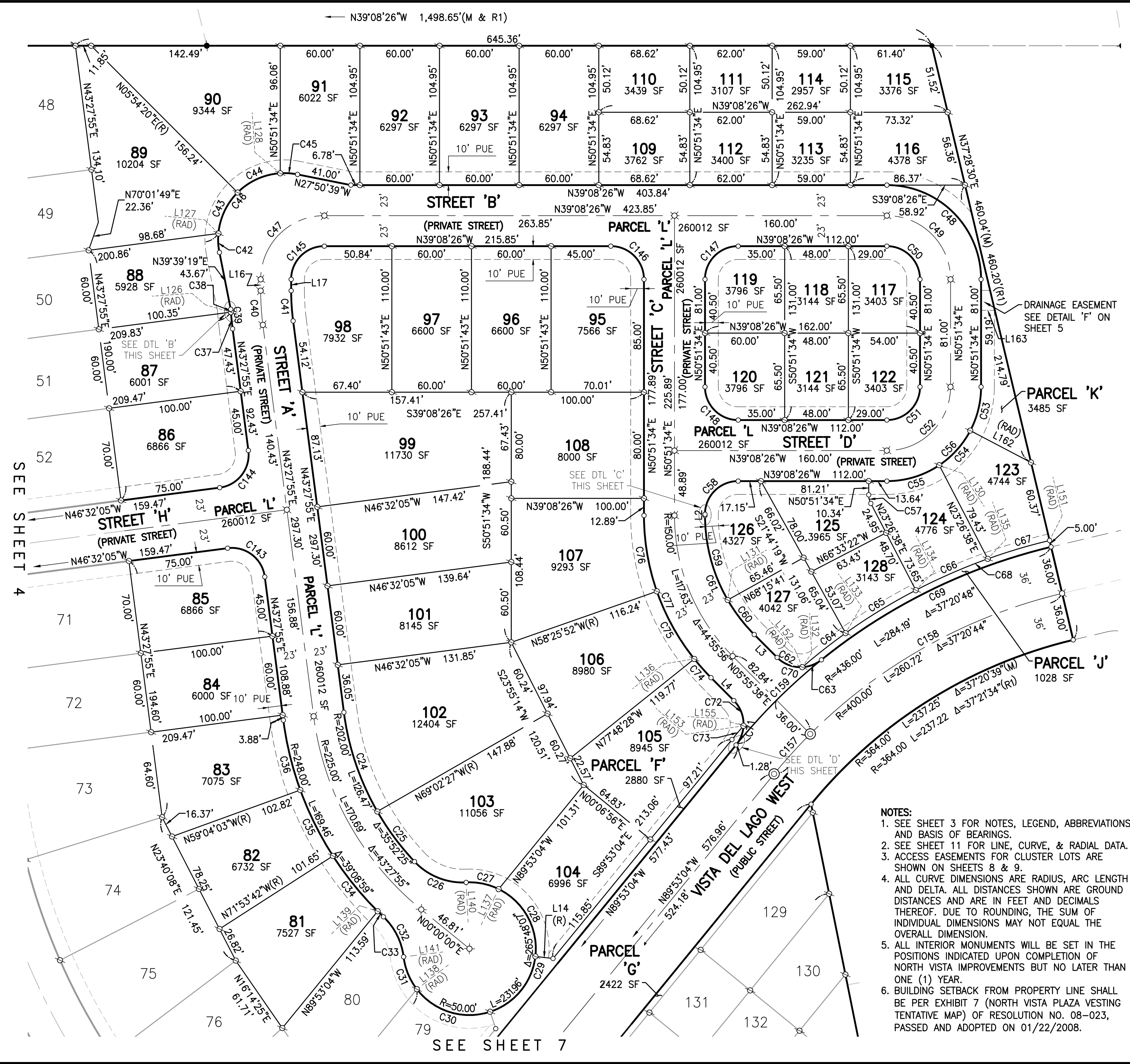
**FINAL MAP  
OF  
NORTH VISTA PLAZA  
SUBDIVISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA



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- NOTES:**
- SEE SHEET 3 FOR NOTES, LEGEND, ABBREVIATIONS AND BASIS OF BEARINGS.
  - SEE SHEET 11 FOR LINE, CURVE, & RADIAL DATA.
  - ACCESS EASEMENTS FOR CLUSTER LOTS ARE SHOWN ON SHEETS 8 & 9.
  - ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
  - ALL INTERIOR MONUMENTS WILL BE SET IN THE POSITIONS INDICATED UPON COMPLETION OF NORTH VISTA IMPROVEMENTS BUT NO LATER THAN ONE (1) YEAR.
  - BUILDING SETBACK FROM PROPERTY LINE SHALL BE PER EXHIBIT 7 (NORTH VISTA PLAZA VESTING TENTATIVE MAP) OF RESOLUTION NO. 08-023, PASSED AND ADOPTED ON 01/22/2008.

**FINAL MAP  
OF  
NORTH VISTA PLAZA  
SUBDIVISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

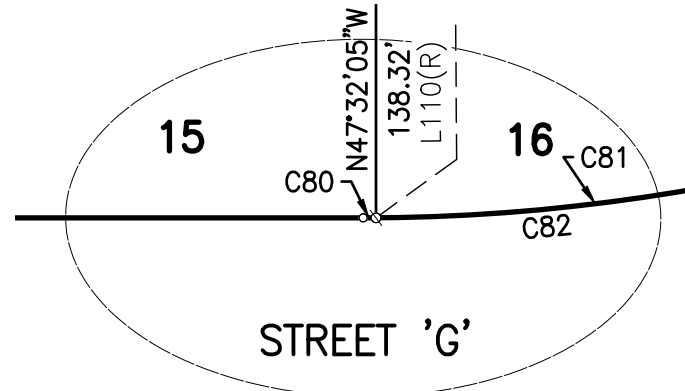
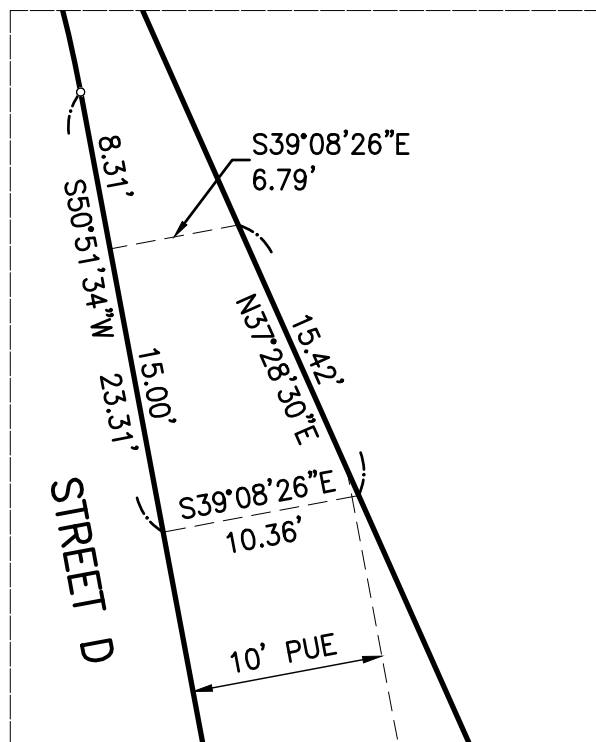
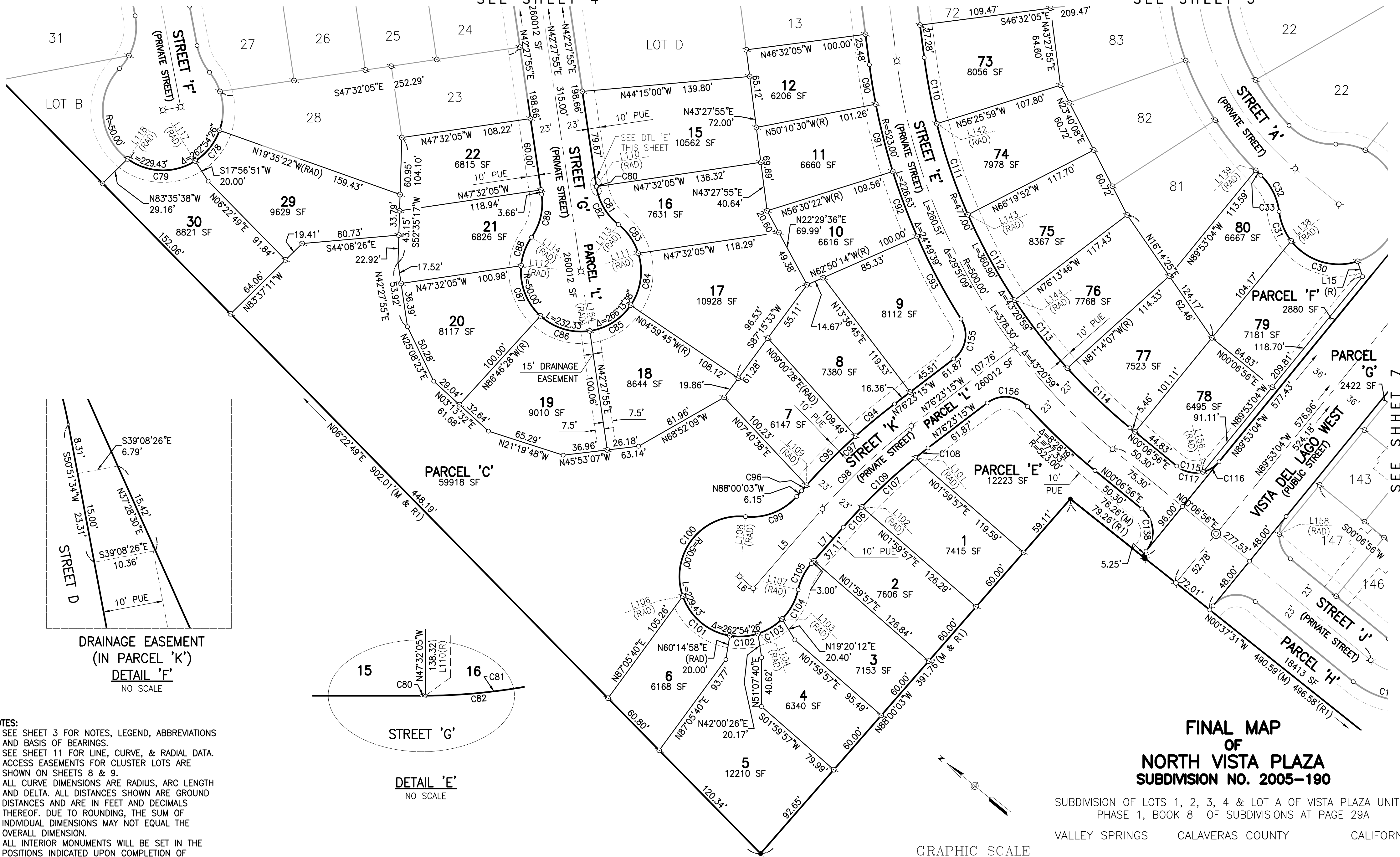


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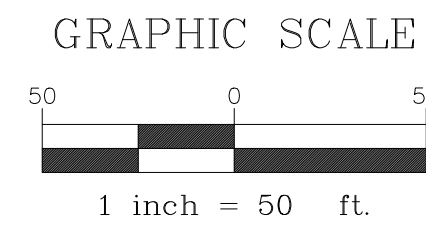
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SEE SHEET 4

SEE SHEET 5



- NOTES:**
1. SEE SHEET 3 FOR NOTES, LEGEND, ABBREVIATIONS AND BASIS OF BEARINGS.
  2. SEE SHEET 11 FOR LINE, CURVE, & RADIAL DATA.
  3. ACCESS EASEMENTS FOR CLUSTER LOTS ARE SHOWN ON SHEETS 8 & 9.
  4. ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
  5. ALL INTERIOR MONUMENTS WILL BE SET IN THE POSITIONS INDICATED UPON COMPLETION OF NORTH VISTA IMPROVEMENTS BUT NO LATER THAN ONE (1) YEAR.
  6. BUILDING SETBACK FROM PROPERTY LINE SHALL BE PER EXHIBIT 7 (NORTH VISTA PLAZA VESTING TENTATIVE MAP) OF RESOLUTION NO. 08-023, PASSED AND ADOPTED ON 01/22/2008.



**FINAL MAP OF NORTH VISTA PLAZA SUBDIVISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2 PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA



2525 EAST BIDWELL STREET  
FOLSOM, CA 95630  
916.638.8200  
(FAX) 916.934.5144

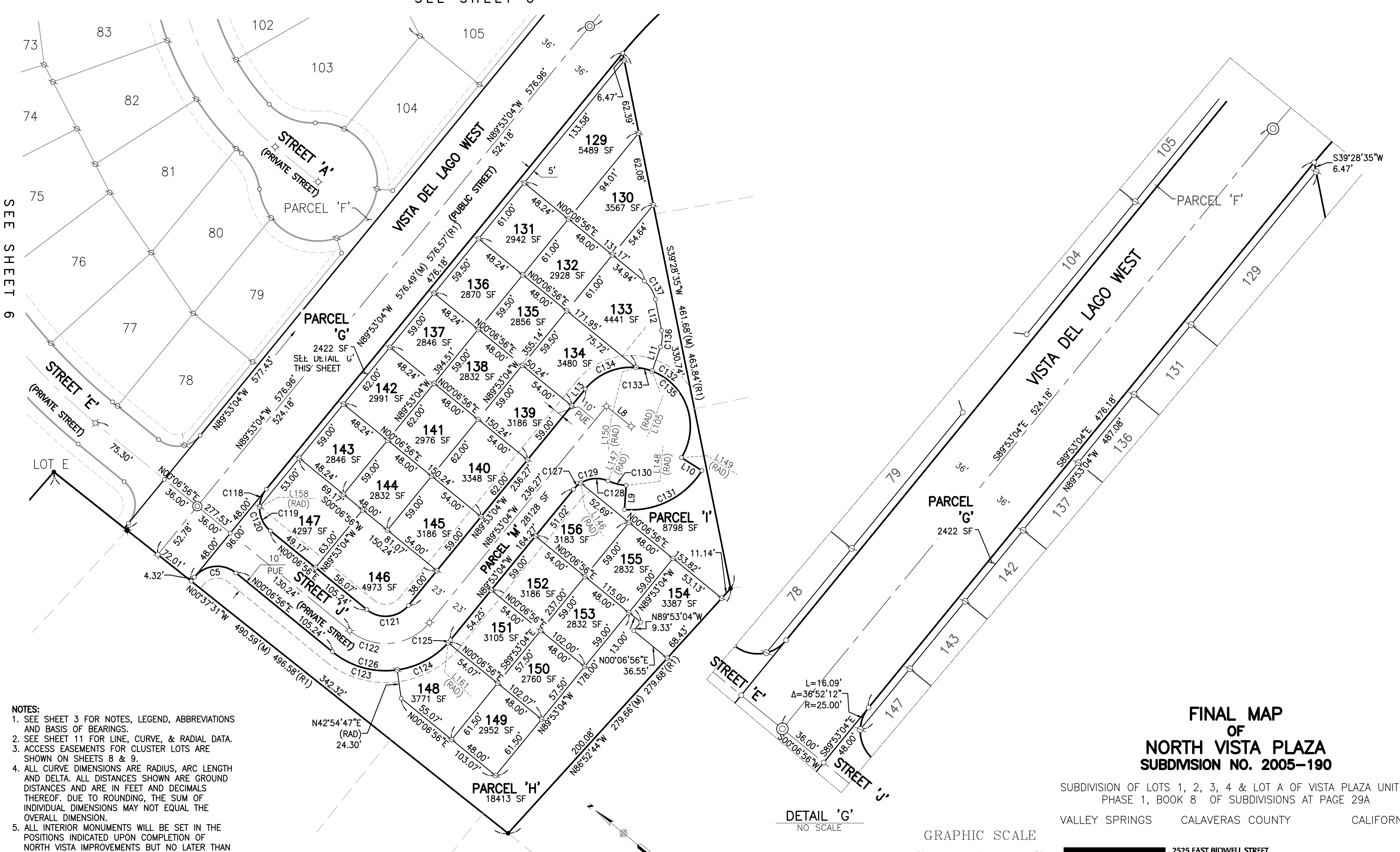
rickengineering.com  
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December 8, 2022

JN 19361

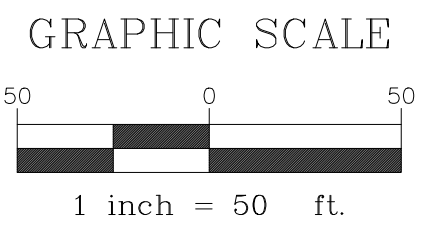
SEE SHEET 5

SEE SHEET 6



- NOTES:**
1. SEE SHEET 3 FOR NOTES, LEGEND, ABBREVIATIONS AND BASIS OF BEARINGS.
  2. SEE SHEET 11 FOR LINE, CURVE, & RADIAL DATA.
  3. ACCESS EASEMENTS FOR CLUSTER LOTS ARE SHOWN ON SHEETS 8 & 9.
  4. ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
  5. ALL INTERIOR MONUMENTS WILL BE SET IN THE POSITIONS INDICATED UPON COMPLETION OF NORTH VISTA IMPROVEMENTS BUT NO LATER THAN ONE (1) YEAR.
  6. BUILDING SETBACK FROM PROPERTY LINE SHALL BE PER EXHIBIT 7 (NORTH VISTA PLAZA VESTING TENTATIVE MAP) OF RESOLUTION NO. 08-023, PASSED AND ADOPTED ON 01/22/2008.

DETAIL 'G'  
NO SCALE



**FINAL MAP  
OF  
NORTH VISTA PLAZA  
SUBDIVISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA



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FOLSOM, CA 95630  
916.638.8200  
(FAX) 916.934.5144

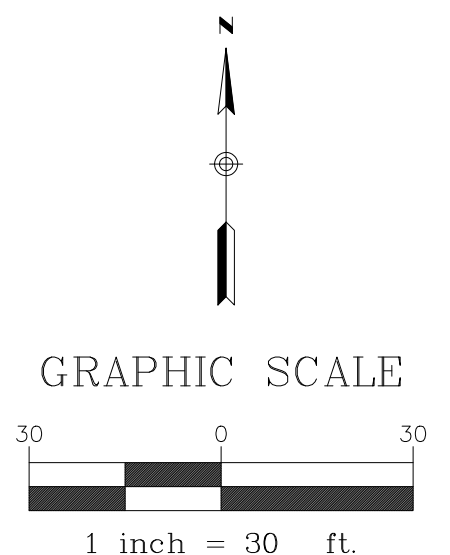
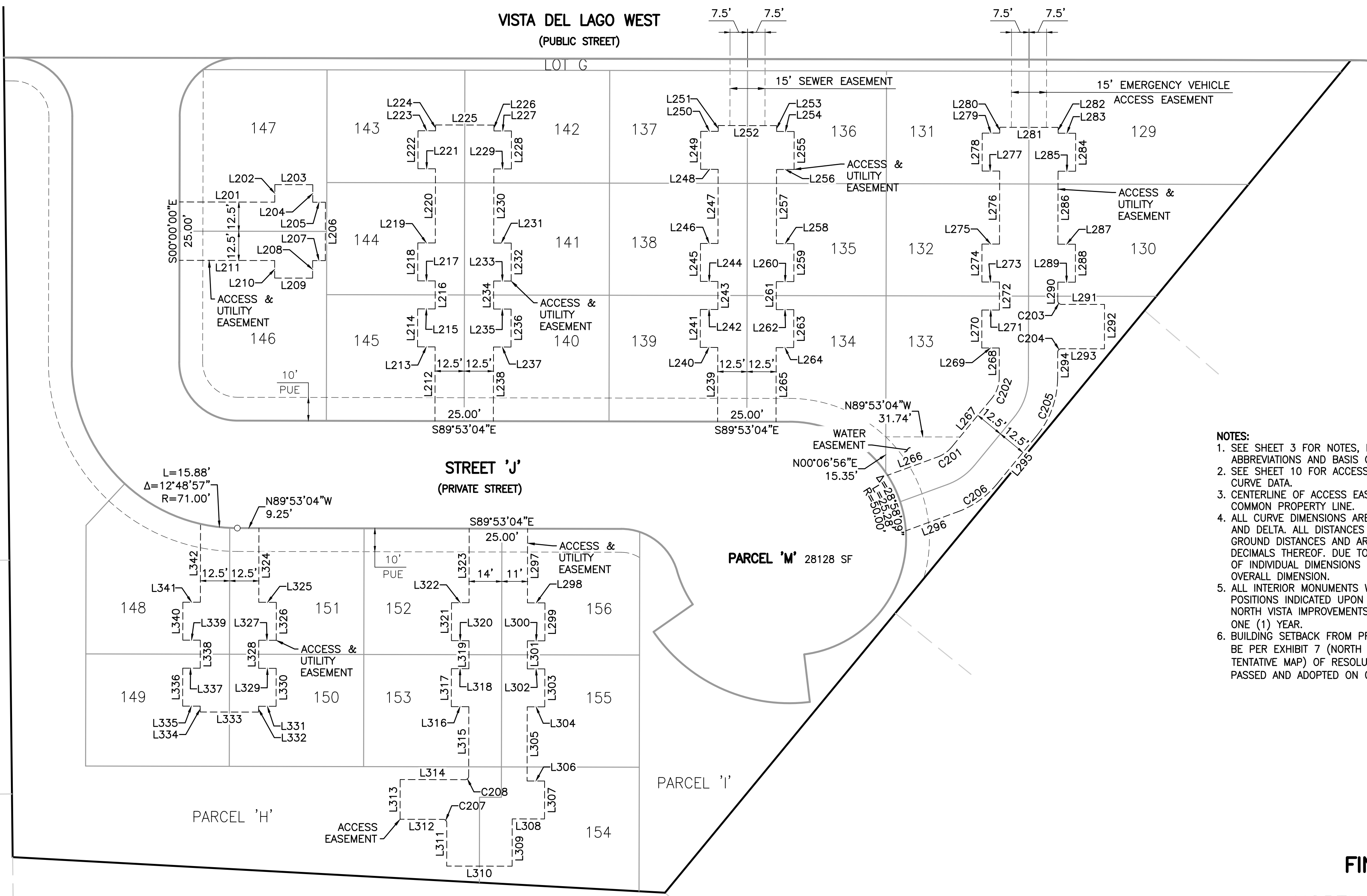
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December 8, 2022

JN 19361

VISTA DEL LAGO WEST  
(PUBLIC STREET)

STREET 'J'  
(PRIVATE STREET)



- NOTES:**
1. SEE SHEET 3 FOR NOTES, LEGEND, ABBREVIATIONS AND BASIS OF BEARINGS.
  2. SEE SHEET 10 FOR ACCESS EASEMENT LINE & CURVE DATA.
  3. CENTERLINE OF ACCESS EASEMENT IS THE COMMON PROPERTY LINE.
  4. ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
  5. ALL INTERIOR MONUMENTS WILL BE SET IN THE POSITIONS INDICATED UPON COMPLETION OF NORTH VISTA IMPROVEMENTS BUT NO LATER THAN ONE (1) YEAR.
  6. BUILDING SETBACK FROM PROPERTY LINE SHALL BE PER EXHIBIT 7 (NORTH VISTA PLAZA VESTING TENTATIVE MAP) OF RESOLUTION NO. 08-023, PASSED AND ADOPTED ON 01/22/2008.

PARCEL 'M' 28128 SF

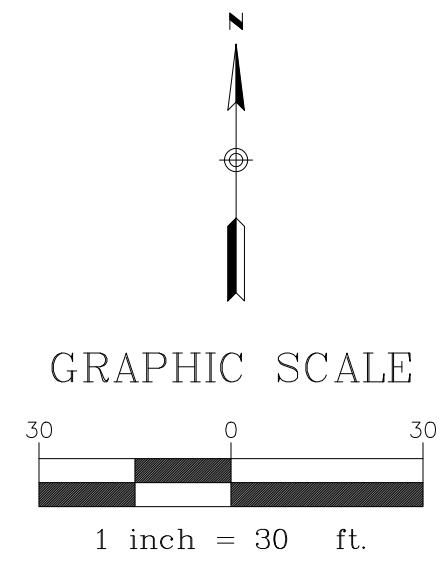
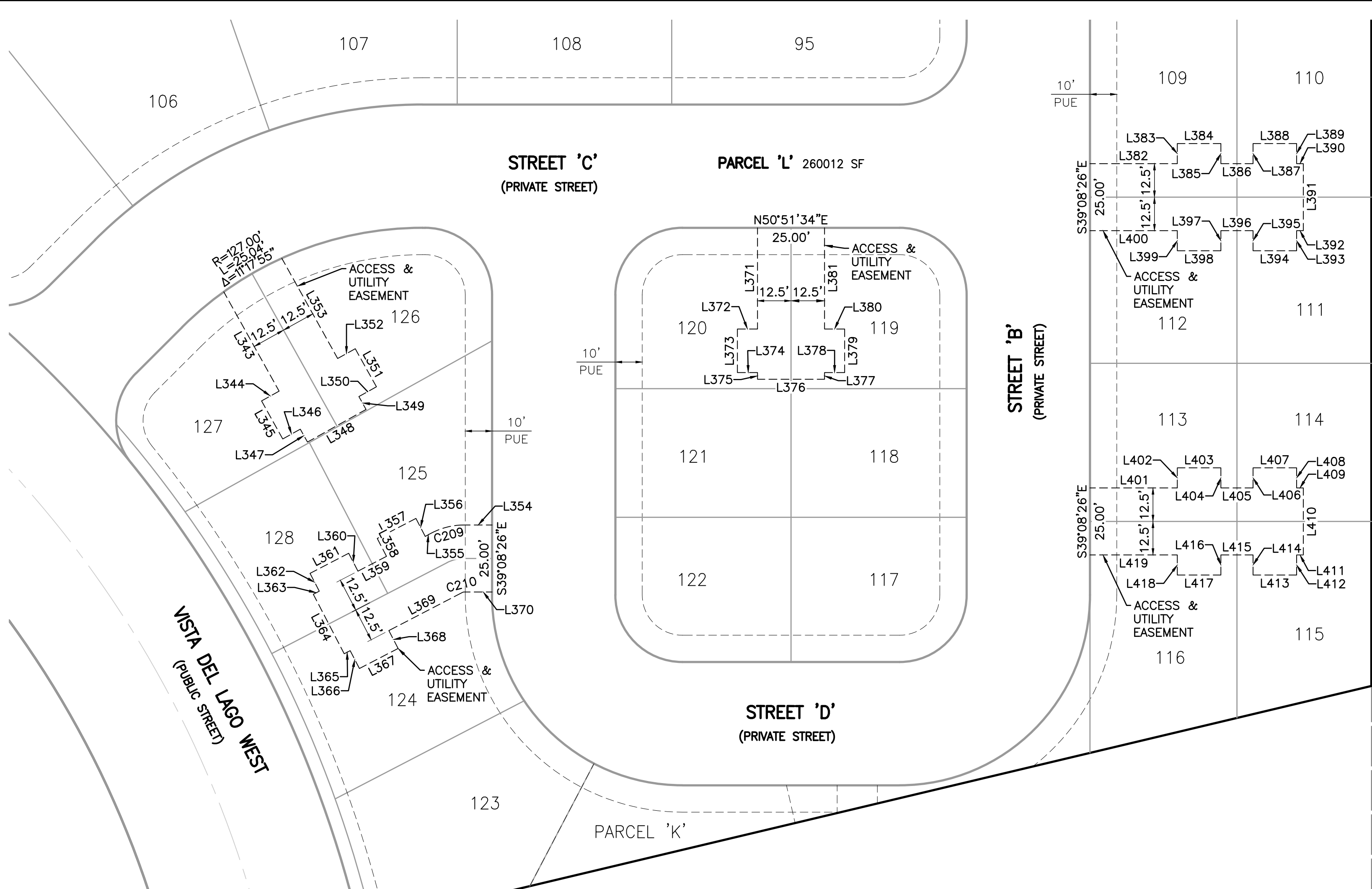
PARCEL 'H'

PARCEL 'I'

**FINAL MAP  
OF  
NORTH VISTA PLAZA  
SUBDIVISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

**RICK ENGINEERING COMPANY**  
2525 EAST BIDWELL STREET  
FOLSOM, CA 95630  
916.638.8200  
(FAX)916.934.5144  
rickengineering.com  
Sacramento San Diego - San Luis Obispo - Bakersfield - Riverside - Orange - Phoenix - Tucson



**NOTES:**

1. SEE SHEET 3 FOR NOTES, LEGEND, ABBREVIATIONS AND BASIS OF BEARINGS.
2. SEE SHEET 10 FOR ACCESS EASEMENT LINE & CURVE DATA.
3. CENTERLINE OF ACCESS EASEMENT IS THE COMMON PROPERTY LINE.
4. ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
5. ALL INTERIOR MONUMENTS WILL BE SET IN THE POSITIONS INDICATED UPON COMPLETION OF NORTH VISTA IMPROVEMENTS BUT NO LATER THAN ONE (1) YEAR.
6. BUILDING SETBACK FROM PROPERTY LINE SHALL BE PER EXHIBIT 7 (NORTH VISTA PLAZA VESTING TENTATIVE MAP) OF RESOLUTION NO. 08-023, PASSED AND ADOPTED ON 01/22/2008.

**FINAL MAP  
OF  
NORTH VISTA PLAZA  
SUBDIVISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A

VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA



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FOLSOM, CA 95630  
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December 8, 2022

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ACCESS & UTILITY EASEMENT  
SEGMENT TABLES

LINE TABLE		
LINE NO.	LENGTH	BEARING
L201	40.75'	S89°53'04"E
L202	7.50'	N0°06'56"E
L203	16.25'	S89°53'04"E
L204	7.50'	S0°06'56"W
L205	5.44'	S89°53'04"E
L206	25.00'	S0°06'56"W
L207	5.44'	N89°53'04"W
L208	7.50'	S0°06'56"W
L209	16.25'	N89°53'04"W
L210	7.50'	N0°06'56"E
L211	40.75'	N89°53'04"W
L212	31.75'	N0°06'56"E
L213	7.50'	N89°53'04"W
L214	16.25'	N0°06'56"E
L215	7.50'	S89°53'04"E
L216	12.00'	N0°06'56"E
L217	7.50'	N89°53'04"W
L218	16.25'	N0°06'56"E
L219	7.50'	S89°53'04"E
L220	31.75'	N0°06'56"E

LINE TABLE		
LINE NO.	LENGTH	BEARING
L221	7.50'	N89°53'04"W
L222	16.25'	N0°06'56"E
L223	7.50'	S89°53'04"E
L224	2.50'	N0°06'56"E
L225	25.00'	S89°53'04"E
L226	2.50'	S0°06'56"W
L227	7.50'	S89°53'04"E
L228	16.25'	S0°06'56"W
L229	7.50'	N89°53'04"W
L230	31.75'	S0°06'56"W
L231	7.50'	S89°53'04"E
L232	16.25'	S0°06'56"W
L233	7.50'	N89°53'04"W
L234	12.00'	S0°06'56"W
L235	7.50'	S89°53'04"E
L236	16.25'	S0°06'56"W
L237	7.50'	N89°53'04"W
L238	31.75'	S0°06'56"W
L239	31.75'	N0°06'56"E
L240	7.50'	N89°53'04"W

LINE TABLE		
LINE NO.	LENGTH	BEARING
L241	16.25'	N0°06'56"E
L242	7.50'	S89°53'04"E
L243	12.00'	N0°06'56"E
L244	7.50'	N89°53'04"W
L245	16.25'	N0°06'56"E
L246	7.47'	S89°53'04"E
L247	31.75'	N0°09'52"E
L248	7.50'	N89°53'04"W
L249	16.25'	N0°06'56"E
L250	7.50'	S89°53'04"E
L251	2.50'	N0°06'56"E
L252	25.00'	S89°53'04"E
L253	2.50'	S0°06'56"W
L254	7.50'	S89°53'04"E
L255	16.25'	S0°06'56"W
L256	7.50'	N89°53'04"W
L257	31.75'	S0°06'56"W
L258	7.50'	S89°53'04"E
L259	16.25'	S0°06'56"W
L260	7.50'	N89°53'04"W

LINE TABLE		
LINE NO.	LENGTH	BEARING
L261	12.00'	S0°06'56"W
L262	7.50'	S89°53'04"E
L263	16.25'	S0°06'56"W
L264	7.50'	N89°53'04"W
L265	31.75'	S0°06'56"W
L266	22.88'	N69°55'08"E
L267	26.98'	N39°28'35"E
L268	12.69'	N0°06'56"E
L269	7.50'	N89°53'04"W
L270	16.25'	N0°06'56"E
L271	7.50'	S89°53'04"E
L272	12.00'	N0°06'56"E
L273	7.50'	N89°53'04"W
L274	16.25'	N0°06'56"E
L275	7.50'	S89°53'04"E
L276	31.25'	N0°06'56"E
L277	7.50'	N89°53'04"W
L278	16.25'	N0°06'56"E
L279	7.50'	S89°53'04"E
L280	2.50'	N0°06'56"E

LINE TABLE		
LINE NO.	LENGTH	BEARING
L281	25.00'	S89°53'04"E
L282	2.50'	S0°06'56"W
L283	7.50'	S89°53'04"E
L284	16.25'	S0°06'56"W
L285	7.50'	N89°53'04"W
L286	31.25'	S0°06'56"W
L287	7.50'	S89°53'04"E
L288	16.25'	S0°06'56"W
L289	7.50'	N89°53'04"W
L290	8.00'	S0°06'56"W
L291	18.50'	S89°53'04"E
L292	19.00'	S0°06'56"W
L293	18.50'	N89°53'04"W
L294	10.94'	S0°06'56"W
L295	26.98'	S39°28'35"W
L296	23.66'	S69°55'08"W
L297	31.75'	S0°06'56"W
L298	7.50'	S89°53'04"E
L299	16.25'	S0°06'56"W
L300	7.50'	N89°53'04"W

LINE TABLE		
LINE NO.	LENGTH	BEARING
L301	12.00'	S0°06'56"W
L302	7.50'	S89°53'04"E
L303	16.25'	S0°06'56"W
L304	7.50'	N89°53'04"W
L305	31.75'	S0°06'56"W
L306	7.50'	S89°53'04"E
L307	16.25'	S0°06'56"W
L308	13.83'	N89°53'04"W
L309	20.25'	S0°06'56"W
L310	28.00'	N89°53'04"W
L311	18.50'	N0°06'56"E
L312	18.50'	N89°53'04"W
L313	17.00'	N0°06'56"E
L314	27.83'	S89°53'04"E
L315	29.75'	N0°06'56"E
L316	7.50'	N89°53'04"W
L317	16.25'	N0°06'56"E
L318	7.50'	S89°53'04"E
L319	12.00'	N0°06'56"E
L320	7.50'	N89°53'04"W

LINE TABLE		
LINE NO.	LENGTH	BEARING
L321	16.25'	N0°06'56"E
L322	7.50'	S89°53'04"E
L323	31.75'	N0°06'56"E
L324	31.75'	S0°06'56"W
L325	7.50'	S89°53'04"E
L326	16.25'	S0°06'56"W
L327	7.50'	N89°53'04"W
L328	12.00'	S0°06'56"W
L329	7.50'	S89°53'04"E
L330	16.25'	S0°06'56"W
L331	7.50'	N89°53'04"W
L332	2.50'	S0°06'56"W
L333	25.00'	N89°53'04"W
L334	2.50'	N0°06'56"E
L335	7.50'	N89°53'04"W
L336	16.25'	N0°06'56"E
L337	7.50'	S89°53'04"E
L338	12.00'	N0°06'56"E
L339	7.50'	N89°53'04"W
L340	16.25'	N0°06'56"E

LINE TABLE		
LINE NO.	LENGTH	BEARING
L341	7.50'	S89°53'04"E
L342	33.41'	N0°06'56"E
L343	42.38'	N68°15'41"W
L344	7.50'	N21°44'19"E
L345	16.25'	N68°15'41"W
L346	7.50'	S21°44'19"W
L347	5.50'	N68°15'41"W
L348	25.00'	S21°44'19"W
L349	5.50'	S68°15'41"E
L350	7.50'	S21°44'19"W
L351	16.25'	S68°15'41"E
L352	7.50'	N21°44'19"E
L353	42.80'	S68°15'41"E
L354	10.34'	S50°51'34"W
L355	2.05'	S22°00'57"W
L356	7.56'	N66°26'34"W
L357	16.25'	S23°26'38"W
L358	7.50'	S66°33'22"E
L359	12.00'	S23°26'38"W
L360	7.50'	N66°33'22"W

LINE TABLE		
LINE NO.	LENGTH	BEARING
L361	16.25'	S23°26'38"W
L362	7.50'	S66°33'22"E
L363	2.50'	S23°26'38"W
L364	25.00'	S66°33'22"E
L365	2.50'	N23°26'38"E
L366	7.50'	S66°33'22"E
L367	16.25'	N23°26'38"E
L368	7.50'	N66°33'22"W
L369	30.95'	N23°26'38"E
L370	10.34'	N50°51'34"E
L371	37.75'	N39°08'26"W
L372	7.50'	N50°51'34"E
L373	16.25'	N39°08'26"W
L374	7.50'	S50°51'34"W
L375	2.50'	N39°08'26"W
L376	25.00'	S50°51'34"W
L377	2.50'	S39°08'26"E
L378	7.50'	S50°51'34"W
L379	16.25'	S39°08'26"E
L380	7.50'	N50°51'34"E

LINE TABLE		
LINE NO.	LENGTH	BEARING
L381	37.75'	S39°08'26"E
L382	32.58'	N50°51'34"E
L383	7.50'	N39°08'26"W
L384	16.25'	N50°51'34"E
L385	7.50'	S39°08'26"E
L386	12.00'	N50°51'34"E
L387	7.50'	N39°08'26"W
L388	16.25'	N50°51'34"E
L389	7.50'	S39°08'26"E
L390	2.50'	N50°51'34"E
L391	25.00'	S39°08'26"E
L392	2.50'	S50°51'34"W
L393	7.50'	S39°08'26"E
L394	16.25'	S50°51'34"W
L395	7.50'	N39°08'26"W
L396	12.00'	S50°51'34"W
L397	7.50'	S39°08'26"E
L398	16.25'	S50°51'34"W
L399	7.50'	N39°08'26"W
L400	32.58'	S50°51'34"W

LINE TABLE		
LINE NO.	LENGTH	BEARING
L401	32.58'	N50°51'34"E
L402	7.50'	N39°08'26"W
L403	16.25'	N50°51'34"E
L404	7.50'	S39°08'26"E
L405	12.00'	N50°51'34"E
L406	7.50'	N39°08'26"W
L407	16.25'	N50°51'34"E
L408	7.50'	S39°08'26"E
L409	2.50'	N50°51'34"E
L410	25.00'	S39°08'26"E
L411	2.50'	S50°51'34"W
L412	7.50'	S39°08'26"E
L413	16.25'	S50°51'34"W
L414	7.50'	N39°08'26"W
L415	12.00'	S50°51'34"W
L416	7.50'	S39°08'26"E
L417	16.25'	S50°51'34"W
L418	7.50'	N39°08'26"W
L419	32.58'	S50°51'34"W

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C201	7.44'	14.00'	30°26'33"
C202	9.62'	14.00'	39°21'39"
C203	2.36'	1.50'	90°00'00"
C204	2.36'	1.50'	90°00'00"
C205	26.79'	39.00'	39°21'39"
C206	20.72'	39.00'	30°26'33"
C207	2.36'	1.50'	90°00'00"
C208	2.36'	1.50'	90°00'00"
C209	13.34'	26.50'	28°50'36"
C210	0.72'	1.50'	27°24'56"

**NOTES:**  
 1. ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.

**FINAL MAP  
OF  
NORTH VISTA PLAZA  
SUBDMISION NO. 2005-190**

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
 PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

**RICK**  
 ENGINEERING COMPANY  
 2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 (FAX)916.934.5144  
 rickengineering.com  
 San Diego - San Luis Obispo - Bakersfield - Riverside - Orange - Phoenix - Tucson

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	24.75'	50.00'	28°21'27"
C2	18.27'	50.00'	20°56'03"
C3	32.94'	50.00'	37°44'37"
C4	36.73'	25.00'	84°11'18"
C5	39.27'	25.00'	90°00'00"
C6	85.36'	50.00'	97°48'41"
C7	13.46'	50.00'	15°25'08"
C8	34.15'	50.00'	39°07'51"
C9	47.60'	50.00'	54°32'58"
C10	8.82'	50.00'	10°06'08"
C11	39.48'	50.00'	45°14'47"
C12	22.56'	50.00'	25°51'21"
C13	29.46'	50.00'	33°45'50"
C14	100.33'	50.00'	114°58'06"
C15	77.39'	48.00'	92°22'30"
C16	20.93'	223.00'	5°22'35"
C17	18.77'	200.00'	5°22'35"
C18	16.61'	177.00'	5°22'35"
C19	36.19'	50.00'	41°28'24"
C20	20.00'	50.00'	22°55'06"

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C21	36.80'	50.00'	42°10'18"
C22	92.99'	50.00'	106°33'48"
C23	71.73'	48.00'	85°37'25"
C24	79.35'	202.00'	22°30'21"
C25	47.13'	202.00'	13°22'03"
C26	43.26'	50.00'	49°34'35"
C27	25.26'	50.00'	28°56'46"
C28	61.59'	50.00'	70°34'44"
C29	56.85'	50.00'	65°09'02"
C30	61.59'	50.00'	70°34'44"
C31	26.66'	50.00'	30°32'51"
C32	34.47'	50.00'	39°30'07"
C33	5.97'	248.00'	1°22'47"
C34	53.71'	248.00'	12°24'35"
C35	55.52'	248.00'	12°49'39"
C36	54.25'	248.00'	12°31'58"
C37	12.58'	223.00'	3°13'57"
C38	2.19'	223.00'	0°33'47"
C39	14.77'	223.00'	3°47'44"
C40	25.82'	200.00'	7°23'49"

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C41	22.85'	177.00'	7°23'49"
C42	14.33'	50.00'	16°25'25"
C43	34.76'	50.00'	39°49'36"
C44	36.00'	50.00'	41°15'26"
C45	13.08'	50.00'	14°59'35"
C46	98.18'	50.00'	112°30'03"
C47	75.40'	48.00'	89°59'51"
C48	111.53'	71.00'	90°00'00"
C49	75.40'	48.00'	90°00'00"
C50	39.27'	25.00'	90°00'00"
C51	39.27'	25.00'	90°00'00"
C52	75.40'	48.00'	90°00'00"
C53	34.29'	71.00'	27°40'03"
C54	35.39'	71.00'	28°33'24"
C55	41.85'	71.00'	33°46'33"
C56	111.53'	71.00'	90°00'00"
C57	6.70'	14.00'	27°24'56"
C58	39.27'	25.00'	90°00'00"
C59	66.66'	127.00'	30°04'30"
C60	32.93'	127.00'	14°51'26"

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C61	99.60'	127.00'	44°55'56"
C62	20.98'	25.00'	48°05'24"
C63	15.68'	25.00'	35°55'39"
C64	41.51'	441.00'	5°23'34"
C65	62.06'	441.00'	8°03'45"
C66	59.18'	441.00'	7°41'19"
C67	48.60'	441.00'	6°18'53"
C68	211.35'	441.00'	27°27'31"
C69	194.44'	436.00'	25°33'08"
C70	36.66'	25.00'	84°01'02"
C71	15.74'	25.00'	36°04'46"
C72	20.99'	25.00'	48°06'32"
C73	13.45'	441.00'	1°44'50"
C74	18.98'	173.00'	6°17'10"
C75	58.44'	173.00'	19°21'20"
C76	58.25'	173.00'	19°17'26"
C77	135.67'	173.00'	44°55'56"
C78	33.14'	50.00'	37°58'25"
C79	59.73'	50.00'	68°26'40"
C80	0.33'	50.00'	0°22'55"

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C81	37.29'	50.00'	42°43'54"
C82	37.62'	50.00'	43°06'49"
C83	29.58'	50.00'	33°53'37"
C84	45.17'	50.00'	51°45'32"
C85	41.42'	50.00'	47°27'40"
C86	44.30'	50.00'	50°45'37"
C87	46.36'	50.00'	53°07'35"
C88	25.51'	50.00'	29°13'37"
C89	37.62'	50.00'	43°06'49"
C90	33.23'	523.00'	3°38'25"
C91	57.79'	523.00'	6°19'52"
C92	57.79'	523.00'	6°19'52"
C93	77.82'	523.00'	8°31'31"
C94	42.03'	523.00'	4°36'17"
C95	57.79'	523.00'	6°19'52"
C96	6.19'	523.00'	0°40'39"
C97	106.01'	523.00'	11°36'48"
C98	101.35'	500.00'	11°36'48"
C99	47.60'	50.00'	54°32'58"
C100	100.23'	50.00'	114°51'29"

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C101	53.62'	50.00'	61°26'28"
C102	23.70'	50.00'	27°09'45"
C103	23.70'	50.00'	27°09'45"
C104	28.17'	50.00'	32°16'58"
C105	24.75'	50.00'	28°21'27"
C106	22.90'	477.00'	2°45'03"
C107	60.41'	477.00'	7°15'24"
C108	13.37'	477.00'	1°36'21"
C109	96.68'	477.00'	11°36'48"
C110	55.97'	477.00'	6°43'24"
C111	80.18'	477.00'	9°37'51"
C112	81.03'	477.00'	9°44'00"
C113	71.70'	477.00'	8°36'46"
C114	72.01'	477.00'	8°38'57"
C115	23.18'	25.00'	53°07'48"
C116	16.09'	25.00'	36°52'12"
C117	39.27'	25.00'	90°00'00"
C118	16.09'	25.00'	36°52'12"
C119	23.18'	25.00'	53°07'48"
C120	39.27'	25.00'	90°00'00"

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C121	39.27'	25.00'	90°00'00"
C122	75.40'	48.00'	90°00'00"
C123	58.49'	71.00'	47°12'09"
C124	49.78'	71.00'	40°10'28"
C125	3.25'	71.00'	2°37'23"
C126	111.53'	71.00'	90°00'00"
C127	8.13'	25.00'	18°37'20"
C128	24.05'	25.00'	55°07'03"
C129	32.18'	25.00'	73°44'23"
C130	15.86'	50.00'	18°10'42"
C131	77.12'	70.50'	62°40'21"
C132	88.15'	50.00'	101°00'49"
C133	13.94'	50.00'	15°58'10"
C134	48.48'	50.00'	55°33'10"
C135	150.57'	50.00'	172°32'10"
C136	14.08'	26.50'	30°26'33"
C137	18.20'	26.50'	39°21'39"
C138	39.27'	25.00'	90°00'00"
C139	39.27'	25.00'	90°00'00"
C140	39.27'	25.00'	90°00'00"

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C141	38.83'	25.00'	89°00'00"
C142	39.71'	25.00'	91°00'00"
C143	39.27'	25.00'	90°00'00"
C144	39.27'	25.00'	90°00'00"
C145	39.27'	25.00'	89°59'51"
C146	39.27'	25.00'	90°00'00"
C147	39.27'	25.00'	90°00'00"
C148	39.27'	25.00'	90°00'00"
C149	37.36'	25.00'	85°37'25"
C150	40.31'	25.00'	92°22'30"
C151	38.23'	25.00'	87°37'30"
C152	40.31'	25.00'	92°22'30"
C153	39.27'	25.00'	90°00'00"
C154	39.27'	25.00'	90°00'00"
C155	37.08'	25.00'	84°58'30"
C156	37.08'	25.00'	84°58'30"
C157	40.62'	400.00'	5°49'07"
C158	220.10'	400.00'	31°31'36"
C159	89.75'	436.00'	11°47'40"

LINE TABLE		
LINE NO.	LENGTH	BEARING
L1	15.00'	S49°54'35"E
L2	0.89'	N50°51'34"E
L3	24.35'	S5°55'38"W
L4	24.34'	N5°55'38"E
L5	87.61'	N88°00'03"W
L6	15.00'	N1°59'57"E
L7	40.11'	N88°00'03"W
L8	27.00'	N0°06'56"E
L9	20.50'	N55°02'10"E
L10	20.50'	N6°46'31"W
L11	21.68'	N69°55'08"E
L12	26.98'	N39°28'35"E
L13	18.27'	N89°53'04"W
L14	13.44'	N32°27'35"W
L15	13.44'	N32°41'27"E
L16	8.55'	N50°51'43"E
L17	8.55'	N50°51'43"E

RADIAL LINE TABLE		
LINE NO.	LENGTH	BEARING
L101	30.00'	N12°00'24"E
L102	30.00'	N4°45'00"E
L103	30.00'	N5°55'27"E
L104	25.00'	N33°05'12"E
L105	37.50'	S71°38'17"W
L106	30.00'	N58°18'34"W
L107	30.00'	N26°21'30"W
L108	30.00'	N56°32'55"E
L109	30.00'	N2°40'36"E
L110	30.00'	N47°55'00"W
L111	30.00'	N56°45'17"W
L112	30.00'	N33°38'54"W
L113	30.00'	N89°21'06"E
L114	30.00'	N4°25'16"W
L115	30.00'	N57°19'59"W
L117	37.50'	N18°23'03"E
L118	30.00'	N86°49'42"E
L119	30.00'	N10°46'45"W
L120	30.00'	N78°16'03"W
L121	30.00'	N4°38'23"E

RADIAL LINE TABLE		
LINE NO.	LENGTH	BEARING
L122	30.00'	N51°06'14"W
L123	30.00'	N5°51'27"W
L124	30.00'	N19°59'54"E
L125	30.00'	N78°14'10"W
L126	30.00'	N43°18'09"W
L127	30.00'	N33°55'16"W
L128	30.00'	N47°09'46"E
L130	30.00'	N17°05'01"E
L131	30.00'	N69°12'56"W
L132	30.00'	S47°50'14"W
L133	30.00'	N15°23'48"E
L134	30.00'	N23°27'33"E
L135	30.00'	N31°08'52"E
L136	30.00'	N77°47'12"W
L137	30.00'	N76°57'41"E
L138	30.00'	N76°43'49"W
L139	30.00'	N84°18'17"W
L140	30.00'	N48°00'55"E
L141	30.00'	N46°10'58"W
L142	30.00'	N53°15'30"W

RADIAL LINE TABLE		
LINE NO.	LENGTH	BEARING
L143	30.00'	N62°53'21"W
L144	30.00'	N72°37'21"W
L146	30.00'	N18°44'16"E
L147	30.00'	N73°51'19"E
L148	30.00'	N55°40'37"E
L149	30.00'	N7°20'54"W
L150	26.02'	N55°40'06"E
L151	30.00'	N37°27'45"E
L152	30.00'	N10°00'13"E
L153	30.00'	N1°51'46"E
L155	30.00'	S35°57'50"E
L156	30.00'	S36°59'08"W
L158	30.00'	N36°45'16"W
L161	30.00'	S2°44'19"W
L162	51.66'	N11°28'23"W
L164	30.00'	S42°27'55"W

**NOTES:**  
 1. ALL CURVE DIMENSIONS ARE RADIUS, ARC LENGTH AND DELTA. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.

## FINAL MAP OF NORTH VISTA PLAZA SUBDIVISION NO. 2005-190

SUBDIVISION OF LOTS 1, 2, 3, 4 & LOT A OF VISTA PLAZA UNIT 2  
 PHASE 1, BOOK 8 OF SUBDIVISIONS AT PAGE 29A  
 VALLEY SPRINGS CALAVERAS COUNTY CALIFORNIA

**RICK**  
ENGINEERING COMPANY  
Sacramento

2525 EAST BIDWELL STREET  
 FOLSOM, CA 95630  
 916.638.8200  
 (FAX)916.934.5144

[rickengineering.com](http://rickengineering.com)  
 San Diego - San Luis Obispo - Bakersfield - Riverside - Orange - Phoenix - Tucson



# Agenda Item

DATE: December 14, 2022

TO: Michael Minkler, General Manager

FROM: Jessica Self, External Affairs Manager

SUBJECT: Discussion/Action Regarding the Implementation of Third-Party Credit Card Transaction Fees.

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## **RECOMMENDED ACTION:**

Motion: \_\_\_\_\_ / \_\_\_\_\_ by Minute Entry approving the Implementation of a 3.9% Third-Party Credit Card Convenience Fee for Customer Payments.

## **SUMMARY:**

On June 22nd, 2022, the CCWD Board approved a Resolution 2022-22, Adoption of Transaction Fees for Utility Payments (attached), which authorized all credit card and Interactive Voice Response (IVR) transaction fees will be paid by the payee, not the District, and authorize staff to implement these charges.

As a public agency, CCWD cannot charge more in processing charges than the true transaction costs of IVR and third-party payment processing fees. Since the adoption of the resolution, staff have implemented the \$1.25 IVR Tyler Technologies transaction fee and has been working with Tyler Technologies and the third-party payment processor to implement an appropriate credit card transaction fee. When customers pay via credit card, the third-party transaction fee and the IVR fee must be bundled and averaged as a flat percentage convenience fee. CCWD may impose a fee for the use of a credit card, debit card, or electronic funds transfer, as long as the fee does not exceed all the costs incurred by CCWD for providing that service.

Staff calculated credit card fees based on monthly usage and third-party payment fee analyses. Specifically, staff calculated the yearly extrapolation average of fees that can be absorbed by the credit card surcharge. As a result, CCWD staff proposes implementing a 3.9% convenience fee for credit card transactions. This percentage will cover nearly all fees associated with credit card transactions (third party payment processing fees and IVR) without exceeding true transaction costs. All other transactions made through IVR will be charged a flat fee. Here is a breakdown of the yearly extrapolation of fees:

<b>YEARLY EXTRAPOLATION OF CREDIT CARD USAGE</b>			
Average number of Credit Card Transactions	Total fees + \$2.00 IVR transaction fee*	Average fee per transaction	Percentage
16,276	\$134,397 + \$32,552 = <b>\$166,396</b>	\$10.22	<b>3.90%</b>

\* Tyler's IVR fee will increase starting February 2023 from \$1.25 per transaction to \$2.00 per transaction.

Moving forward on a continuous basis, staff will assess the third-party transaction fee extrapolation average to assure CCWD is absorbing a minimal amount of these fees, while not exceeding true transaction costs.

All other payment methods including Automated Clearing House (ACH), eCheck or debit card will continue to be charged a flat rate of \$1.25 (\$2.00 starting in February 2023) when paying online or over the phone via IVR.

**STRATEGIC PLAN OBJECTIVES:**

- FR-05: Review financial budget systems and tools and update if needed
- FR-06: Commit to responsible financial decisions during our day-to-day operations.

**FINANCIAL CONSIDERATIONS:**

Once implemented, the 3.9% convenience fee for credit card transactions will result in a reduction of costs to the Administrative Services Department by approximately \$166,396, without increasing the workload for District staff.

*Attachments: Resolution 2022-22, Adoption of Transaction Fees for Utility Payments*

**RESOLUTION NO. 2022-63**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
CALAVERAS COUNTY WATER DISTRICT**

**ADOPTING THE AUTHORIZATION OF PAYEE TRANSACTION FEES FOR CREDIT /  
DEBIT CARD UTILITY PAYMENTS**

**WHEREAS**, in 2004, the District began allowing customers to pay their utility bill by credit card. Upon the adoption of credit card payments, the board approved resolution 2004-57, which transferred the credit card transaction fee to the customer; and

**WHEREAS**, in 2008, the Board of Directors rescinded Resolution 2004-57 by adopting Resolution 2008-44. The rationale for the 2008 resolution was because customers were faced with hardships due to the recession, and only a small percentage of customers were utilizing credit card payment methods, so the absorbed cost to the District was minimal; and

**WHEREAS**, since 2008, the District has been absorbing transaction fees when customers use a credit or debit card for payment or utilize IVR transactions carried out over the telephone or online, while payment methods and technology has drastically changed over time; and

**WHEREAS**, over half of the District's current customer base is utilizing debit card, credit card and IVR payment methods, which charge transaction fees, and those transaction fees have increased over time; and

**WHEREAS**, the Board of Directors of the Calaveras County Water District has determined that transaction fees should be paid by the payee, and not subsidized by other customers.

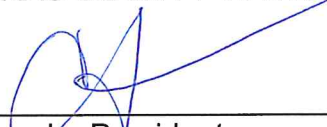
**NOW, THEREFORE BE IT RESOLVED**, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT does hereby rescind in its entirety Resolution 2008-44 and find that credit card, debit card and IVR transaction costs, should be paid by the payee, not the District, which will result in a substantial cost savings for the District.

**BE IT FURTHER RESOLVED** that the External Affairs Manager will notify customers of the change as well as other payment options available.

**PASSED AND ADOPTED** this 22<sup>nd</sup> day of June, 2022 by the following vote:

**AYES:** Directors Ratterman, Underhill, Thomas, and Secada  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** Director Davidson

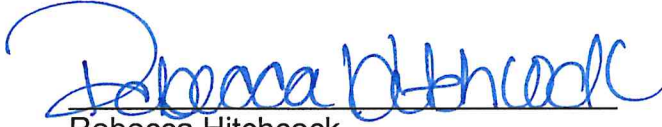
CALAVERAS COUNTY WATER DISTRICT



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Cindy Secada, President  
Board of Directors

**ATTEST:**



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Rebecca Hitchcock  
Clerk to the Board

# Agenda Item

DATE: December 14, 2022  
TO: Board of Directors  
FROM: Michael Minkler, General Manager  
SUBJECT: Discussion/Direction regarding the Board of Directors Compensation

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## SUMMARY:

At the Finance Committee Meeting on November 15, 2022, the Committee provided direction to staff to agendize a discussion regarding a potential amendment to the existing Board Compensation and Travel Reimbursement Policy (Board Policy No. 4030).

Below is a history of the per meeting compensation received by the Board of Directors. Directors also have the ability to receive Medical, Dental, Vision, and Life Insurance benefits.

### **2015-06-10**

\$120.00 per meeting	6 meeting days per month	No annual increase
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### **2010-03-24**

\$110.00 per meeting (\$135.00 by June 2015)	7 meeting days per month	5% increase annually
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### **2008-05-21**

\$105.00 per meeting	10 meeting days per month	5% increase annually
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### **2006-11-08**

\$100.00 per meeting	6 meeting days per month	No annual increase
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### **1994-08-11**

\$100 per meeting	10 meeting days per month	No annual increase
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*Attachments: Existing Board Policy No. 4030*

**ORDINANCE NO. 2015-02**

**AN ORDINANCE OF CALAVERAS COUNTY WATER DISTRICT  
ESTABLISHING DIRECTOR COMPENSATION AND  
TRAVEL REIMBURSEMENT POLICY**

**WHEREAS**, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT finds that it is desirable to modify existing regulations and policies relative to Director compensation and travel reimbursement; and

**WHEREAS**, the Board of Directors has reviewed the existing policy and has made modifications to the Director Compensation and Travel Reimbursement Policy No. 4030.

**NOW, THEREFORE, BE IT ORDAINED** by the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT as follows:

Section 1. That the Director Compensation and Travel Reimbursement Policy provided in the attached Exhibit A (Policy Number 4030) is hereby approved and adopted pursuant to Water Code sections 20200 et. seq.; rescinding and replacing the previous Policy Number 4030, approved by Ordinance 2010-01 adopted March 24, 2010.

Section 2. Any provisions of any ordinance, resolution and/or other policy of the District in conflict with this Ordinance 2015-02 are hereby modified in respect to the requirements provided herein.


Section 3. Ordinance No. 2010-01, Director Compensation and Travel Reimbursement Policy adopted March 24, 2010, is hereby rescinded upon effective date of this ordinance.

Section 4. This Ordinance (Ordinance 2015-02) shall take effect August 9, 2015.

**ADOPTED** on this 10th day of June, 2015 after a noticed Public Hearing, by the following vote:

**AYES:** Directors Davidson, Mills, Ratterman, Strange and Underhill  
**NOES:** None  
**ABSTAIN:** None  
**ABSENT:** None

CALAVERAS COUNTY WATER DISTRICT

  
\_\_\_\_\_  
Bertha Underhill  
Board President

**ATTEST:**

  
\_\_\_\_\_  
Mona Walker, Clerk to the Board

## EXHIBIT A

**Policy Title: Director Compensation and Travel Reimbursement**  
**Policy Number: 4030**

**4030.10 Compensation for Authorized Meetings.** Each Director shall receive compensation for attendance at authorized meetings in accordance with Water Code §§20200 et seq. and §§30507 et seq. as may be amended. Such compensation shall be one hundred twenty dollars (\$120) for each day's attendance at meetings of the Board or for each day's service rendered as a Director by request of the Board. In addition, each Director shall be eligible or reimbursed for actual and necessary expenses incurred in the performance of his/her official duties as required or authorized by the Board, subject to the procedures and limitations established under Government Code §53232 et. seq. as may be amended and this policy.

**4030.15 Limitation on Board Compensation for Attendance at Authorized Meetings.** Compensation to any individual Director for attendance at authorized meetings shall not exceed a total of six (6) days in any calendar month. Such compensation shall not include travel days, unless the Director is in attendance at the approved meeting on the day of travel.

**4030.20 Director Travel.** Individual Board members may attend any meeting, conference, convention or seminar of their choosing, but shall only officially represent the District and receive compensation and/or travel reimbursement for approved travel. Approved travel shall consist of attendance at meetings, conferences, seminars and such other occurrences that constitute the performance of official duties as identified in §4030.25 of this Policy.

**4030.25 Travel Eligible for Compensation & Reimbursement.** Directors will be compensated and in addition be eligible to receive reimbursement for actual and necessary expenses incurred in the performance of official duties for service supporting the work of the District as follows:

- A.) For attendance at regular or special meetings of the Board of Directors;
- B.) For attendance at a District established committee meeting, including ad hoc or advisory committees, to which the Board member is a designated representative, or alternate representative and which is held for purposes of conducting the District's business;

- C.) For attendance at meetings of other public agencies as a District designated committee member or otherwise as an official representative of the Board of Directors for the purposes of gathering information and/or representing District interests. Such meetings shall include, but not be limited to, local community public meetings which a District representative has been requested to attend, or which the Board member may be expected to attend to bring public information back to the Board as a whole. Such meetings may include appointments with outside agency personnel, committees, advisory groups, or task forces as part of County or other regional planning efforts, or a multi-agency emergency action meeting called specifically to address an issue of public health and/or safety. Such Director authorization shall be by appointment by the Board President at a public meeting of the Board or by a majority of the Board of Directors at a public meeting of the Board;
- D.) For attendance at business or informational meetings, or other events of an educational nature, sponsored by those organizations, associations or agencies that the District is a member, or those organizations, associations or agencies that the District is involved with on a planning, regulatory, financial or service provision basis, or those organizations, associations or agencies that may provide relevant information about the duties, operations and functions of the District. Such approved travel shall include, but not be limited to, the following:
- 1.) Associations / Agencies in which the District actively participates as a member or that will be considering water related matters that pertain to the District including for example:
    - i. Association of California Water Agencies (ACWA), including regional affiliates
    - ii. Association of California Water Agencies – Joint Powers Insurance Authority (ACWA/JPIA)
    - iii. Calaveras-Amador-Mokelumne River Authority (CAMRA)
    - iv. Calaveras County: meetings of local public agencies including County Government and special districts
    - v. Calaveras County Chamber of Commerce
    - vi. Calaveras Public Power Agency
    - vii. California Association of Sanitation Agencies (CASA)
    - viii. California Rural Water Association (CRWA)
    - ix. California Special Districts Association (CSDA), and its local Gold Country Chapter, and its Local Government Institute
    - x. Ebbetts Pass Property Owners Council
    - xi. Greater Arnold Business Association
    - xii. Mokelumne River Association (MRA)
    - xiii. Mokelumne Watershed Interregional Sustainability Evaluation (MokeWISE) Program
    - xiv. Mountain Counties Water Resources Association (MCRWA)
    - xv. Northern California Power Agency (NCPA)
    - xvi. Sierra Nevada Conservancy
    - xvii. Tuolumne-Stanislus Integrated Regional Water Management Program (T-Stan IRWM)
    - xviii. Upper Mokelumne River Watershed Authority (UMRWA)
    - xix. White Pines Park Committee
    - xx. Valley Springs Area Business Association



- 2.) Educational classes, events, seminars, conventions or other forums sponsored by institutions of higher education, public agencies or associations, or private entities provided the subject matter is related to the performance of a Director's official duties as more specifically provided in §4030.30 of this Policy.

**4030.30 Meetings, Conferences and Seminars.** Board members are encouraged to participate in those outside activities that, in the judgment of the Board, further the interests of the District. Directors will be compensated for attendance at meetings, conferences, seminars, conventions or educational activities, which provide training in District governance, the scope of Board member responsibilities, legal responsibilities of Board membership, and other topics that enhance a Board member's ability to serve the public and understand the issues and activities associated with the operations of the District. The District in accordance with this policy will reimburse costs of registration and attendance, including actual and necessary expenses incurred in the performance of official duties.

A.) Such eligible activities include, but are not limited to, periodic conferences, seminars, conventions and programs of the agencies and associations identified in §4030.25 of this Policy

B.) Upon return from any meeting, seminar and/or conference, the attending Board member shall provide a summary report at the next regular meeting of the Board. Said report shall indicate what was presented at the session(s) of benefit to the District. If more than one member attending the event, a joint report may be made. Such report may be made either verbally or in writing. Directors are encouraged to provide materials from the session(s) for the benefit of other Directors and staff.

**4030.35 Eligible Travel Related Expenses.** Directors traveling on District related business shall be eligible for reimbursement of actual and necessary travel expenses incurred in the performance of official duties. Board Members are encouraged to use the most economical means of travel possible. Eligible travel related expenses shall include, but not be limited to, the following:

- Transportation on public carriers such as airplanes, trains, buses and taxi cabs;
- Private vehicle use and commercially available rental vehicles;
- Overnight lodging at commercial establishments, including the day before if the event is at least a three (3) hour drive from the Directors residence and begins on or before 9:00 am and/or the night after the meeting if the event is at least a three (3) hour drive from the District and ends on or after 4:00 pm or in the event the anticipated arrival time at the Director's residence is estimated to be after 10:00 pm;
- Meals at restaurants and other food service establishments, if they are not already covered as part of the event fees or hotel registration;
- Conference, convention and seminar fees and charges;
- Business related telephone calls, faxes, postage, copy charges and related incidentals;
- Tolls and parking fees;
- Such other expenses approved by a majority of the Board of Directors.

**4030.40 Limitation on Travel Reimbursement.** The District will pay for actual and necessary expenses incurred by a Director in the performance of official duties that is directly related to attendance at a function authorized under this Policy. In addition, reimbursement for travel related expenses shall be subject to the following limitations:

- Reimbursement for meals not included as part of the event or hotel registration fee shall be limited to actual cost, including up to a fifteen percent (15%) tip if customary, up to the following maximum amounts: Breakfast - \$20.00; Lunch - \$20.00; Dinner - \$30.00;
- Meals shall only be reimbursed if a meal break is scheduled as part of the meeting, or in the event an additional meeting is scheduled within two hours after the first and the meetings combined extend through a customary meal period;
- Use of a personal vehicle: the current Internal Revenue Service (IRS) mileage rate for business travel at the time the travel takes place shall be the only personal vehicle use expense eligible for reimbursement;
- When attending a conference, convention or seminar, the lodging costs shall be the actual lodging costs not to exceed the maximum government or group rate published by the conference or activity sponsor, if available;
- Air and train travel shall be in an amount not to exceed the government rate, if available, otherwise it shall not exceed the standard or coach fare;
- Entertainment or non-business related events or expenses not provided as part of the conference fee, including, but not limited to, movies, sporting events, laundry services, valet parking or any incidental expense of a personal nature, shall not be eligible for reimbursement;
- Alcoholic beverages are not eligible for reimbursement;
- Meals and/or lodging provided in a private home are not eligible for reimbursement;
- Travel related expenses for a spouse or companion shall not be eligible for reimbursement;
- Rental vehicle reimbursement shall not exceed the midsize vehicle rate.

**4030.45 Reimbursement Claim Required.** Directors authorized to travel for District related business shall complete an expense reimbursement claim form and provide supporting receipts in order to receive reimbursement. No reimbursement shall be made, unless a completed and signed claim form with corresponding receipts is submitted to the District office within ninety (90) calendar days from the last day of travel. Claims submitted for travel dating back more than ninety (90) calendar days from the last day of travel shall not be eligible for reimbursement.

**4030.50 Use of District Credit Card and Travel Advances.** On approval of the General Manager a travel advance, or District credit card may be issued to a Director for travel. Credit card use shall also be subject to approved Financial Policy #57 as may be revised. Travel advances shall not exceed an amount up to the estimated balance of expenses associated with the travel. Within ten (10) business days of return from the function, the Director shall submit a claim with corresponding receipts for the travel. The General Manager, or designated representative, shall reconcile the expenditures against District reimbursement policy and determine if any balance is due the District. The Director will reimburse the District within ten (10) business days, or the balance will be deducted from any compensation owed to the Director.

**4030.55 Penalties for Misuse.** Penalties for misuse of public resources, falsifying expense reimbursement claims, or otherwise violating expense report policies may include, but not be limited to, those penalties identified in Government Code §53232.4 as may be amended.

# Agenda Item

DATE: December 14, 2022  
TO: Michael Minkler, General Manager  
FROM: Damon Wyckoff, Director of Operations  
RE: Report on the November 2022 Operations and Engineering Departments

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## **RECOMMENDED ACTION:**

Report on the Operations and Engineering Departments Report for Divisions 1 through 5.

## **SUMMARY:**

Attached is the monthly Operations and Engineering Departments Report for November 2022. The report will review the operational status and work completed by departmental administration and each of the five Divisions. The report will cover the following:

- Administration
- Engineering
- Water treatment plants
- Wastewater treatment plants
- Distribution
- Collections
- Construction
- Electrical
- Mechanical

Staff will be present the report to the Board of Directors and will be available for questions.

## **FINANCIAL CONSIDERATIONS:**

None.

*Attachment: November 2022 Operations and Engineering Department Reports for Division 1 through 5*

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# Operations and Engineering Departments Report

November 1<sup>st</sup> through November 30<sup>th</sup>, 2022

## **Director of Operations:**

1. On-going coordination and management of multiple District Operations and Engineering projects and work efforts
2. Participated the Calaveras OES-led Pre-Winter Coordination Meeting
3. Participated in the District's Engineering Committee Meeting
4. On-going work with ACWA's Clean Fleets working group to ID and describe operational challenges associated the CARB's Clean Fleets Rule
5. Participated in a meeting with Snowshoe Springs HOA to discuss DBPs within their system
6. Continued the Development of a Confined Space Identification workbook for District facilities
7. Participated in multiple onsite project progress meetings
8. On-Going participation in the information gathering effort for the District's Rate Study
9. Routine and On-going Management of the Operations and Engineering Departments
10. Participated in Safety Training Week

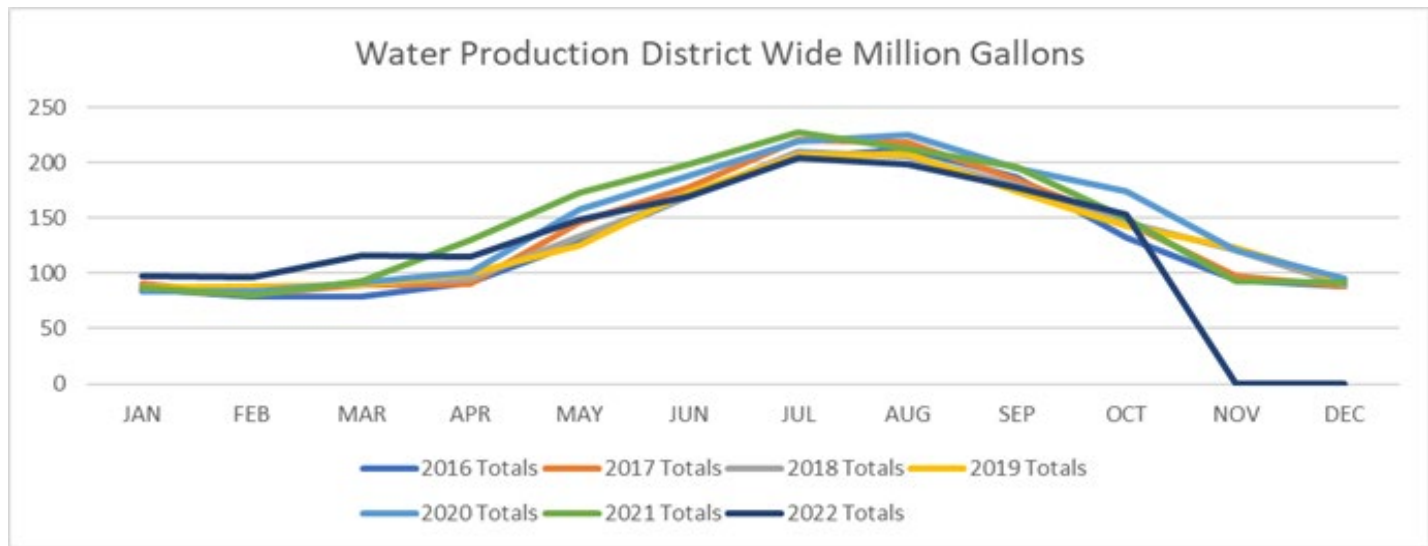
## **Administrative Technician:**

1. Maintained Field Calendar
2. Received/Tracked All USA North Line 811 Locates – Handled Associated Calls  
172 District Line Locates – 11/01 – 11/30
3. Facilitated with Employee Reimbursements & Certificate Renewals
4. Field Training Course Ordering/Registrations/Travel Arrangements
5. Process Operations Purchase Order Batches
6. On Call Reminders, Transfers, Logs
7. Electronic Lab Report Filing
8. Organizing and Archiving Operations Department Documents
9. Safety Tailgate Meetings: Create, Track, & Archive
10. Attended Various Meetings
11. Permit Renewals
12. Continued Work Efforts for CERS Program
13. Continued Work Efforts for 2022 Backflow Program
14. Assisted with 2022 Safety Week
15. Setting up the 2023 On Call Schedule
16. Miscellaneous Administrative Functions

## **Plant Operations Manager:**

1. Completed the review and acceptance of the monthly State Water Reports for all the Districts Water Systems and submitted them to the State
2. Completed the monthly Wastewater Reports for all the Districts WW Systems and submitted them to the State.
3. Working very closely with the new operator in West Point to ensure that all system needs are met.
4. Ongoing construction meetings for the West Point WWTP for the consolidation project of Wilseyville and West Point WWTP's

5. Completed traffic control and asbestos training.
6. Submitted our annual report for White Pines dam
7. Attended weekly meetings for Ebbetts Pass tank replacement project.
8. On-going work associated with PO's and ordering supplies for different District facilities and projects
9. Continued work efforts on annual backflow testing
10. Completed backflow testing of non-compliance devices for the annual testing
11. Ongoing work efforts associated with the Ebbetts Pass HAA5 violation for purposes of public notification and data collection
12. Started with our new lab for water quality testing for State requirements
13. Attended NCPA Annual EAP meeting
14. Ongoing construction meetings with PBI and KW Emerson for the second filter at West Point Water Treatment Plant
15. Worked with Ms. Self on cross connection control surveys
16. Working with Hydro Science about upgrades at Arnold WWTP
17. Attended a meeting for cyber security with inhouse staff
18. On-going work efforts with the Districts CERS (California Environmental Reporting System) annual reporting
19. Working on data collection for the rate study
20. Working with Mr. Godwin and Regional Board staff on renewing our NPDES permit for Copper
21. Coordinated with our tank divers to repair a leak at Meadowmont 1 tank.
22. Coordinated with our tank divers to inspect the effluent storage tank at Arnold WWTP
23. Met with Sheriff's department over radio tower needs
24. Updated the District's monthly conservation reports
25. Below is the water production for the month of October 2022



**Construction and Maintenance Manager:**

1. Staff meetings, Board meetings, Operations, and Customer Service meetings
2. AMI project update meetings – Deployed previous meter reader staff as QA/QC for the project
3. Ebbett's Pass redwood tank replacement project weekly meetings
4. Field meetings related to multiple customer related issues
5. Participated in Safety Week
6. Reviewed and updated the AMI "cannot complete" list to work toward project resolution  
Participated in a cyber security prep meeting with IT and Ops
7. Coordinated customer notification related to a main break off Kirby in Rancho Calaveras

8. Read meters with handheld to facilitate cycle 1 billing
9. Continued coordination with the County to stay ahead of their road micro-surfacing effort
10. Coordinated Slurry Line Meter Reads
11. Site visits to Southworth to review the need for erosion improvements
12. Participated in the on-going meetings for the A to B Transmission Pipeline project
13. Attended the CWEA North Central Training Prep Meeting
14. On-going updates of the Construction Crews Work Schedule
15. Multiple work effort reviews and coordination with different departments for the work's completion
16. Multiple phone calls to resolve Customer issues/concerns

### **District Engineer:**

1. Reviewed last bit of design for the Arnold WWTP Secondary Clarifier in anticipation of 100% Plans
2. Continued participation in the Jenny Lind Elementary School Sewer Line Project meetings. The project proponent has identified a location for an intermediate lift station and is working to develop an easement for the lift station.
3. On-going work with the Clean Water State Revolving Fund related to KW Emerson's construction of improvements at the West Point WWTP and Consolidation of the Wilseyville WWTP
4. On-going work associated with the design of the Jenny Lind A to B Pipeline's Project
5. Conducted on-going project meetings for the District's Copper Cove Sewer Force Main Relocation and Lift Station Rehab Project. Mozingo off the job until early 2023
6. Participated in on-going discussions with LGI Homes and their Design Engineer, Rick Engineering to bring their development project in Rancho Calaveras towards a District acceptable plan set
7. Participated in Safety Training Week
8. On-going work associated with the West Point WTP second filter project
9. Continued work to respond to an RFI from SRF for the potential funding of a West Point Water System Raw Water Capacity Improvement Project
10. Continued to work closely with the Design Team related to the Copper Cove Water System Improvements.

### **Purchasing Agent:**

1. Participated in Safety Training
2. Completed invoicing for purchased material
3. Met with various reps and received quotes for various items for purchase -
4. On-going coordination of inventory updates with Mobile MMS
5. Ordered parts, tools, materials, and equipment for all departments.
6. Coordinated servicing of District Vehicles for Field Staff
7. Reconciled Credit Cards for Field Staff
8. Coordinated receipt of new service trucks and worked with Mechanical to ensure adequate labelling
9. Coordinated HDPE Training for Field Crew Members
10. Secured mechanical seal and coordinated delivery for West Point
11. Secured additional fire hydrant meters for construction, Grizzlies, Pumps, Piping, among other items
12. Coordinated parts order and delivery for slurry line service laterals
13. Delivered supplies, materials, and parts

### **Engineering Department**

1. Weekly meetings with Engineering Dept
2. Conducted the District's Engineering Committee Meeting
3. Published an ad for the Bid of Filter Rehabs for Filters 1 and 2 at the Jenny Lind WTP
4. Copper Cove Tertiary Improvements – Awarded further improvements to HydroScience – Design effort continues
5. Copper Cove Lift Station Improvements Project – Submittal review – prep to restart field work in January of 2023
6. AMI/AMR Meter Project (bi-weekly meetings – only must install meters 1.5 inches and larger) project cleanup and punch list item completion
7. Warehouse and Maintenance Building Project – Construction and Electrical Crews site work for PG&E and Standby Generator install. Plumberbilt prep for interior improvements.

8. West Point Back Up Filter Project – footings and slab work in anticipation of filter delivery in December
9. On-going Grant coordination meetings with multiple District Departments to streamline and organize coordination of requirements related to grant management
10. West Point Wilseyville WW Consolidation project – SWPPP BMPs implemented due to foul weather
11. Hunters Raw Water Pump Station Project – Considerations related to effective equipment removal for O&M and repair
12. Arnold WWTP Improvement Project – Awaiting 100% design plans from the Design Engineer
13. Jenny Lind A-B Project – Design continues
14. Redwood Tanks Project (Weekly meetings, on-going project management, and extensive effort to refine tank delivery schedule) two tanks online (Heather and Big Trees 8), Big Trees 4 awaiting VOC analysis prior to coming online
15. Work related to CV Developer Accounts in Town Square – Provided a letter delineating necessary improvements to the Town Square Lift Station To Facilitate District Acceptance
16. LGI Homes / North Vista Plaza Submittal Review – Provided a Will-Serve letter to LGI, drafted an initial Facilities Agreement
17. Copper Cove Water System Improvements – design work continues with feedback provided by the CCWD Team and Consultant (PBI)
18. Concept Review coordination for Hinterhaus Distillery
19. Provided recommended resolution to Valley Springs Fitness related to their water and wastewater use
20. Jenny Lind Elementary (On-going project meetings)
21. Fire Hydrant Meter Reading/Billing
22. Commercial Review/Change of Use = 3 (JL, EP, WAL)
23. Customer Issues = 1 (CC)
24. Request for comments = 2 (CC, WP)
25. Termination of Service = 1 (EP)

## **Construction Inspection**

1. Worked on gathering information for multiple projects.
2. Training for new Inspector.
3. Service connection inspections Copper and Valley springs.
4. Attended staff and project meetings for multiple projects.
5. West Point/Wilseyville consolidation.
6. Organized and attended project meetings.
7. Finish work and punch list at saddle creek unit 7B.
8. Finished field paperwork for Gold Creek Unit 3
9. Ebbetts Pass redwood tank replacement project inspections at Heather tank, flume Ct and Tank #4. Testing and site piping for Big Trees # 4.
10. West point filter addition construction.
11. Attended District board meeting.
12. Worked internally to sign up for continuing education.
13. Reviewed submittals for Copper Cove sewer lift station and force main project.
14. Reviewed plans for other projects proposed in District. Developer i.e., CV development and LGI.
15. Project meetings for Copper Cove Lift station project.
16. District Corp yard fence.
17. Worked on A to B transmission pipeline design.

## **Water Treatment Plants:**

### **Copper Cove Water Treatment Plant:**

1. B-Tank, Redwood Tank leaking badly at bottom of tank. Especially late afternoon with sun exposure.
2. Worked with engineering on Water system upgrades.
3. Work continues regarding the new SCADA system.
4. Backwash Return Pond#1 cleaned out.
5. Lots of preparation for the new year.

**Hunter's (Ebbett's Pass) Water Treatment Plant:**

1. Operations as usual
2. White Pines Monthly Dam Inspection
3. New Forest Meadows #2 (Heather) Tank is online
4. VOCs collected from the new Big Trees 4 Tank
5. Construction has begun on the new MM #2 Tank

**Jenny Lind Water Treatment Plant:**

1. Operations as usual

**Sheep Ranch Water Treatment Plant:**

1. Operations as usual
2. Working with A TEEM to install additional SCADA related upgrades
3. Working with Electricians to finish work on the new controls upgrade

**Wallace Lake Estates Well System:**

1. Operations as usual

**West Point Water Treatment Plant:**

1. Operations as Usual
2. On-going construction for the installation of the second filter

**Wastewater Treatment Plants:**

**Arnold Wastewater Treatment Plant:**

1. Operations as usual
2. Coordination with Engineering RE new Clarifier Design

**Copper Cove Wastewater Treatment Plant:**

1. Training of new operators going very well
2. Operations as Usual

**Copper Cove Wastewater Reclamation Plant:**

1. Battling with Pond 6 algae. Continuing issues with very difficult algae strain.
2. Plant running well on Pond 4. Pond 6 being sprayed intermittently over pond 6 storage area to maintain levels.

**Country House Wastewater Facility:**

1. Operations as usual

**Forest Meadows Wastewater Treatment Plant:**

1. Operations as usual
2. Engineering and Ops Site visit and Team Gameplan for concrete work associated with the UV System Install

**Indian Rock Vineyards Wastewater Facility:**

1. Operations as usual

**La Contenta Wastewater Treatment Plant:**

1. Operations as usual

**Mountain Retreat / Sequoia Woods Wastewater Facility:**

1. Operations as usual



**Six Mile Wastewater Collection System:**

1. Monthly reads taken and report submitted to the City of Angels Camp

**Southworth Wastewater Treatment Plant:**

1. Operations as usual
2. Construction Repaired the Storage Pond Berm

**Vallecito / Douglas Flat Wastewater Treatment Plant:**

1. Operations as usual
2. Grit Basin install – pumps received. Working with Electrical now to install

**West Point Wastewater Treatment Plant:**

1. Operations as usual
2. On-going project coordination with Contractor (KW Emerson) for the West Point/Wilseyville Consolidation Project

**Wilseyville Wastewater Facility:**

1. Operations as usual

**Distribution:**

**Copperopolis Distribution System:**

**SERVICE LINE WORK**

1. 2881 Arrowhead
2. 301 Mitchell Lake Ln
3. 2093 Quail Hill
4. 189 Millie
5. 288 Mitchell Lake Ln
6. 544 Sunrise
7. 1046 Iroquois

**MAIN LINE WORK**

1. None

**Additional Work**

2. Flushed 45,621 gals.
3. 3 Valves Turned
4. Service Requests
5. USA's

**Ebbett's Pass Distribution System:**

**SERVICE LINE WORK**

1. Azalea Ct. 1" poly
2. Canyon Ridge Ct. 1" poly
3. Karock Rd. ¾" blue poly flared fitting
4. Cheyenne Dr. 2 leaks 1" blue poly
5. Dalmatia Dr. 1" blue poly
6. Flume Ct. 1" blue poly flared fitting
7. Navajo Dr. 1" blue poly
8. - Murphys Dr. 1" poly

**MAIN LINE WORK**

None

**Additional Work**

1. Coordination with the Tank Replacement Project
2. Service Requests – 12
3. USA's
4. Uni-Directional flushing continues

## **Jenny Lind Distribution System:**

### **SERVICE LINE WORK**

1. 8639 Sparrowk
2. 7794 Westhill
3. 8605 Rice Ct
4. 8288 Siegel
5. 7573 Baldwin
6. 8465 Goggin
7. 7736 Kirby
8. 2636 Hartvickson
9. 191 Gold King
10. 8535 McAtee
11. 1906 Vista Del Lago
12. 8649 McAtee
13. 8854 McAtee
14. 6384 Garner
15. 8125 Sparrowk
16. 3262 Brooks
17. 7885 Westhill
18. 8115 Westhill
19. 8165 Westhill
20. 6563 McNeil Ct
21. 721 Spyglass – Cut in 12' of new 1" poly tube and got rid of 6 old wrap around repairs
22. 11816 Main Street Jenny Lind
23. 8080 Baldwin
24. 8405 Jenny Lind Vista Ct
25. 1974 Blake
26. 7155 Stabulis
27. 5773 Thornicroft
28. 2023 Berkesey
29. 8020 Baldwin
30. 8541 Hautly
31. 8649 McAtee
32. 4231 Bartelink
33. 8551 Siegel – Flare replacement
34. 8452 Pardini
35. 6167 Hwy 26
36. 3262 Brooks
37. 7901 Gabor
38. 6780 Baldwin
39. 7630 Gabor
40. 5866 Baldwin
41. 2541 McDaniel
42. 2942 Heinemann
43. 8807 Crosby Ct

### **MAIN LINE WORK**

1. 6" AC Main – Kirby (Tap Saddle)
2. 2" Main on McCall Ct.

### **ADDITIONAL WORK**

1. Safety week classes first week of November
2. Vehicle Inspections
3. Lower end flushing for water quality
4. Month end reads for Lancha Plana, raw water, hydrant meters and fill stations
5. Tank and pump station checks
6. Line locates
7. Work orders for pressure problems, dirty water, leak checks etc.
8. HDPE pipe welding class in San Andreas
9. Repaired leak on 2" cooling lines for ozone towers at JLWTP

10. Multiple re reads for meters that are not registering in the new system
11. Changed out multiple meters from failed installs
12. Repaired blown out copper line on surge protector at Dennis Ct pump station

### **West Point Distribution System:**

#### **SERVICE LINE WORK**

1. None

#### **MAIN LINE WORK**

1. None

#### **ADDITIONAL WORK**

1. Line locates
2. Leak check work orders
3. Lancha Plana reads
4. Used EZ out to pull corroded extension out of curb stop and replumbed meter extension and meter back in for a water restore on Matson Ln

### **Construction**

1. Assisted in leak repair with the Ebbetts Pass, Copper Cove, and Jenny Lind Distribution Crews
2. Hauled rock to all yards as needed
3. Participated in Safety Week Training – Admin Building
4. Participated in an HDPE Pipe Welding Course
5. Completed overgrowth, debris removal of, and improvements to the White Pines Dam and Spillway
6. Assisted the Ebbett's Pass Distribution Crew with Flushing of the system
7. Cleaned and organized construction container at Vallecito – Electrical installed lights
8. Repaired erosion on the storage pond at Southworth
9. Hauled PG&E Spec sand to the Admin Building in prep for the conduit and transformer installation job
10. Completed the Conduit and transformer pad installation work at the new District Corp Yard
11. Equipment Maintenance
12. Cleaned up/Organized yard in Vallecito

### **Electrical:**

1. Replaced damaged panel feeder wires at Conners Main lift station during PG&E shutdown
2. Swapped positions of soft start #2 and #3 at Conners Main lift station to troubleshoot OCF fault and determine which component is faulty
3. Replaced main circuit breaker at Copper Cove lift station #12 after old breaker failed
4. Added new 500vA UPS to the Autodialer system at Conners Main lift station, found out during outage that if generator fails, the lift station could not call out before
5. Replaced failed control panel lamps at Conners Main lift station with new LED lamps
6. Troubleshoot and repaired control system at Copper Cove lift station #17, reset circuit breaker
7. Troubleshoot and repaired Bummerville pump station controls, no level, HMI lost connectivity, multiple component failures due to lightning strike, Volcano phone system down also, repaired our system, had Volcano come out and replace their main board
8. Troubleshoot and repaired generator at West Point lift station with mechanical staff, transfer key was in the wrong position on the automatic transfer switch
9. Troubleshoot and repaired Wilseyville pressure system standby generator, reset internal faults, set transfer switch date and time correctly and set up weekly exercise schedule
10. Installed new overhead lights in the construction crew's container at Vallecito WWTP
11. Installed pad locks on the control panels and disconnects at Lakeside lift station for security
12. Ran new Cat 6 cable at the main office for the IT department to install new security cameras
13. Troubleshoot and repaired JLWTP filter #2 flow meter, meter malfunctioned during calibration and locked up
14. Replaced failed HyrdroRanger transducer with new unit at La Contenta WWTP sand filter, had to pull over 100' from filter to the transmitter in the building

15. Reprogrammed spray field timeclock at West Point WWTP, set time and date, re-terminated zone wires and tested
16. Ran conduit, pulled wire, terminated, installed new unit heater at Cedar Ridge lift station, demo'd old unit
17. Replaced failed ASCO solenoid valve for back wash return pump #2 at Jenny Lind WTP
18. Performed yearly flow meter calibrations at Jenny Lind WTP
19. Troubleshoot P.I.D for filter #2 flow at Copper Cove WTP, worked the valve open and closed, went online with PLC and made sure it was solving properly, tested system, functioned properly
20. Troubleshoot PLC communication failure at Vallecito WWTP, alarm was for the spray field PLC, PG&E power was out, and that location has no standby generator
21. Replaced failed level transducer at Saddle Creek main lift station with new unit
22. Troubleshoot capacitor connection arcing at Copper Cove lift station #3, made new larger jumper wire from capacitor to starter, installed new spade connector to different post on capacitor
23. Replaced failed 500vA UPS battery at Copper Cove lift station #8
24. Troubleshoot air balance compressor at Copper Cove C-Tank pressure system, replaced failed pressure switch
25. Troubleshoot red lion display at Saddle Creek lift station #2, unit was burnt, removed, and ordered a replacement
26. Replaced failed service conductors for septic control panel at 4253 Parrots Ferry Road
27. Attended mobile MMS training at the main office
28. Replaced failed unit heater fan in the DAF room at Forest Meadows WWTP after old fan motor failed
29. Troubleshoot and repaired intermittent pump tripping problem at Copper Cove lift station #17, checked voltage and amperage readings, adjusted trip settings
30. Troubleshoot and repaired Upper Cross Country lift station pump #1 fail to start, pump was running during a generator exercise and tripped during transition
31. Made strut hangers for new airline to attach to at the new Mechanics shop
32. Repaired the PID controls for polymer injection in the SCADA system at Jenny Lind WTP, made new tags and readdressed
33. Installed temporary standby generator at the new mechanics shop until the permanent one is installed
34. Performed yearly flow meter calibrations in the Wallace service area
35. Anchored down new standby generator to the pad at D-Tank in Valley Springs, had to wait for the new concrete pad to fully cure
36. Used remote SCADA access to repair and alarm database crash at West Point WTP, alarm history restored
37. Worked with manufacturer at Hwy 26 lift station to rewire rebuilt pump internally for proper rotation
38. Troubleshoot and repaired VFD at Arnold lift station #2, reset fault codes after generator work was performed
39. Troubleshoot and repaired Copper Cove lift station #41 control system, replaced failed low-level float
40. Worked with the construction crew at the new mechanics shop on Toma Court, had asphalt cut and trenches dug to install the underground conduit for the new PG&E service
41. Installed new wipers and cabin air filter on truck #740, eradicated mouse nest
42. Troubleshoot and repaired Mountain Retreat lift station, pulled new wire, wired in new pump, replaced failed float, set floats to correct order, re-terminated bad connections on starters

## **Collections:**

1. SSO online reporting completed
2. Weekly lift station checks completed
3. Monthly dry can inspections completed
4. Monthly vehicle inspections completed
5. Continued marking USAs as needed
6. Training classes at main office week of November 1st.
7. Repaired riser at 3685 Angels road.
8. Called out to 3425 Main Street Vallecito septic tank sanitary T was plugged with FOG
9. Worked on storm related issues
10. Called out to saddle creek LS 2 low level. Resolved issue
11. Pumped tank at 4253 Parrots Ferry due to PG&E weather head being damaged
12. Pumped and cleaned Saddle Creek L/S 2

13. Pumped and cleaned lift stations 41,43,44 and 45 in Connor's Estates.
14. Helped the EP Distribution Crew with a water leak in Dorrington.
15. Pumped and cleaned L/S 42 inside Connor Estates Condo Complex.
16. Called to LS 17 due to pumps failing to start. Reset starters.
17. Called to 3873 Ponderosa Drive - septic issues. Nothing found wrong with CCWD side.
18. Called to 251 Cemetery Lane in West Point. Septic tank issue customer thought we had a problem on CCWD side. Issue is with house plumbing due to wipes and grease buildup. Cleaned basket
19. Helped the JL Distribution Crew with leaks
20. Cleaned mixer at the Upper Cross-Country Lift Station
21. Hydro'd lines on Linebaugh above LS 3 in Arnold. (6-month maintenance)
22. Pumped and cleaned LS 3
23. Calibrated gas sniffers for 90-day testing
24. Repaired perimeter fence at Vallecito WWTP
25. Pumped and cleaned back wash pond at Copper Cove WTP
26. Started replumbing pump 1 at Mt. Retreat
27. MMS training at the District Office
28. Replaced pump 1 at Hwy 26 lift station pump is spinning correctly now but still won't pump possibly needs new seal on 90.
29. Called to Connor's Main Pump 3 failure. Soft start is bad will need to replace it.
30. Helped the EP Distribution Crew with an additional water leak
31. Replaced Pump 1 at Mt. Retreat
32. Worked on septic tank issue at 3559 Angels Road
33. Met with contractor at 197 Sanguinetti for new service install location.

## **Mechanical:**

1. Forklift training at warehouse
2. Smith Ln generator in West Point was not shutting off when PG&E power was restored, troubleshoot transfer switch with Supervising Electrician, found key switch spun and in the wrong position.
3. Adjust V-belts on RAS pump at Arnold WWTP
4. Replaced the broken washer sprayer hoses and sprayers in V551
5. Gathered all electrical parts in welding bay and palletized them for the Electricians
6. Welded strut to the Construction Crew's container at Vallecito so the Electricians can run conduit and hang lighting.
7. Obtained material from Herd's machine for Forest Meadows WWTPs carport repairs.
8. Removed the toolboxes from V134 and prepped for mounting onto V592. Cut and welded to make room for a DEF tank on V592. Installed boxes, wire taillights and running lights, wire 7 way plug, beacon, and fuel pump. Tested crane functionality. Gave the truck a once over and found it needs brakes and a radiator before sending out to the Collections Crew.
9. Pulled Saddle Creek #2 pump for Collections so they can retrieve a broken transducer stuck under the pump in order to keep it from damaging pump.
10. Installed a new mechanical seal on a pump in the Timber Trails pump station, rebuilt a leaking 2.5" Cla-Val. Tested the pump and valve, and put in lead.
11. Troubleshot HWY 26 L/S because of a no flow complaint for collections. Found the new pump is spinning correct rotation but not able to overcome the head pressure to pump to next L/S.
12. On call, repair water leaks in Arnold and Valley Springs.
13. Generator checks and fueling.
14. Attended Mobile MMS Training
15. Troubleshot and repaired low-flow condition on a pump at the Jenny Lind WTP – trash in the BW Pump.
16. Troubleshot and repaired pump at the Bummerville Pump Station at the West Point WTP – replaced mechanical seal
17. Routine Packing adjustment on the Pumps at the B Tank Pump Station in Copperopolis
18. Assisted in the test ops of Lift Station 3 and its Chopper Pump operation on generator

## **Underground:**

1. Assisted LaContenta crew with leak repair

2. Safety class for first week in November
3. Began potholing first section for line replacement on Baldwin St
4. Stockpiled rock and mobilized equipment to staging area on Baldwin
5. Devised new traffic control plan with county road works to include new automatic flagging machines
6. Took certification class for HDPE welding machine
7. New crew members began MMS training

**Prepared By: Damon Wyckoff, Director of Operations**