



BOARD OF TRUSTEES

REGULAR MEETING AGENDA

March 9, 2022
7:00 PM
9900 Park Avenue
Firestone, CO 80504

PRE-MEETING WORK SESSION 6:30 PM IN THE TRAINING ROOM

AGENDA FOR THE WORK SESSION IS A DISCUSSION OF THE REGULAR MEETING AGENDA BELOW

REGULAR MEETING 7:00 PM IN THE BOARD ROOM

1. **Call to Order & Roll Call**
2. **Pledge of Allegiance**
3. **Approval of Agenda**
4. **Public Comment** *(maximum time permitted for all Public Comment is 30 minutes)
5. **Consent Agenda**
 - a. Approval of February 23, 2022 Meeting Minutes
 - b. **Resolution 22-40:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN STEVE BALCEROVICH AND KATHY OATIS FOR GENERAL COLORADO GOVERNMENTAL AFFAIRS SERVICES
 - c. **Resolution 22-41:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND STEPHEN A. JONES FOR LOCAL LIQUOR LICENSE AUTHORITY HEARING OFFICER SERVICES
6. **Proclamation**
 - a. A proclamation recognizing the month of March 2022 as Developmental Disabilities Awareness Month
7. **Land Development**

* Individuals that desire to address the Board of Trustees are requested to sign up at the table at the entrance to the meeting room. Individuals are allotted 3 minutes of Public Comment during the entirety of the meeting. Maximum time permitted for all Public Comment during a meeting is 30 minutes.

If you need special assistance in order to participate in a Board of Trustees meeting, please contact the Town Clerk's Office at 303-531-6264 in advance of the meeting to make arrangements. A forty-eight-hour notice is requested.

- a. **PUBLIC HEARING: Resolution 22-33:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING A PRELIMINARY SUBDIVISION PLAT FOR CERTAIN REAL PROPERTY LOCATED WITHIN THE BAREFOOT LAKES SUBDIVISION

8. Discussion/Action

- a. **Resolution 22-34:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND BOHANNAN HUSTON INC FOR THE COLORADO BLVD & OAK MEADOWS BLVD HAWK TRAFFIC SIGNAL DESIGN AND CONSTRUCTION MANAGEMENT SERVICES
- b. **Resolution 22-36:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING CHANGE ORDER NO. 6 FOR THE AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND HUDICK EXCAVATING INC REGARDING THE FIRESTONE RESERVOIR NO. 1 SUPPLY AND DELIVERY INFRASTRUCTURE PROJECT
- c. **Resolution 22-37:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING CHANGE ORDER NO. 3 TO THE TOWN OF FIRESTONE AND E-Z EXCAVATING INC.'S AGREEMENT FOR THE INSTALLATION OF A POTABLE WATERLINE AND APPURTENANCES FOR THE ST. VRAIN WATER TREATMENT PLANT TRANSMISSION PIPELINE PROJECT
- d. **Resolution 22-38:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING A PROCUREMENT AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND WATER TECHNOLOGY GROUP FOR THE PURCHASE OF PUMPS AND ASSOCIATED CONTROLS FOR THE FIRESTONE ALLUVIAL SUPPLY TREATMENT HORIZONTAL WELL PUMP STATION
- e. **Resolution 22-35:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, PRESCRIBING THE TOWN OF FIRESTONE'S WATER RATES, FEES, TOLLS AND CHARGES AND STORAGE AND INFRASTRUCTURE INVESTMENT FEES
- f. **Resolution 22-39:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING A FULL AND FINAL RELEASE AND SETTLEMENT AGREEMENT BY AND BETWEEN THE COMMITTEE SEEKING THE RECALL OF FIRESTONE TRUSTEES AND

* Individuals that desire to address the Board of Trustees are requested to sign up at the table at the entrance to the meeting room. Individuals are allotted 3 minutes of Public Comment during the entirety of the meeting. Maximum time permitted for all Public Comment during a meeting is 30 minutes.

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JESSICA KOENIG IN HER OFFICIAL CAPACITY AS THE TOWN CLERK OF
THE TOWN OF FIRESTONE COLORADO

9. Public Comment *(maximum time permitted for all Public Comment is 30 minutes)

10. Reports

- a. Staff
- b. Mayor
- c. Trustees

11. Adjournment

- a. Meeting Handouts

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**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 5.a

Consent Agenda

Meeting Date: March 9, 2022

Initiated By: Jessica Koenig

Dept: Town Clerk

AGENDA TITLE

Approval of February 23, 2022 Meeting Minutes

SUMMARY

HISTORY AND PREVIOUS BOARD ACTION

RECOMMENDATION

Approval of February 23, 2022 draft meeting minutes

ALTERNATIVES

ATTACHMENTS

1. February 23, 2022 Draft Meeting Minutes

FINANCIAL CONSIDERATIONS

TOWN OF FIRESTONE, COLORADO
Board of Trustees Regular Meeting
MINUTES
February 23, 2022

1. Call to Order & Roll Call

The Board of Trustees of the Town of Firestone met for a Regular Meeting on February 23, 2022, at the Police Department & Municipal Court building, 9900 Park Avenue, Firestone, Colorado. Mayor Sindelar called the meeting to order at 7:01 PM.

The following were present upon the call of the roll:

Mayor: Bobbi Sindelar

Mayor Pro-tem: Frank A. Jimenez - **excused**

Trustees: Don Conyac
David Whelan
Samantha Meiring
Sean Doherty
Doug Sharp

Staff: **Present:** Jan Sloat, Director of Human Resources; Dave Lindsay, Engineer; Paula Mehle, Director of FURA & Economic Development; Raelynn Ferrera, Assistant to the Town Manager; Katie Hansen, Director of Communications; Julie Pasillas, Director of Public Works; Todd Bjerkaas, Director of Planning; David Angelo, Chief of Police; Jessica Koenig, Town Clerk; AJ Krieger, Town Manager; & William Hayashi, Town Attorney

2. Pledge of Allegiance

Mayor Sindelar led the pledge of allegiance.

3. Approval of Agenda

Motion by Trustee Sharp, **second** by Trustee Conyac, to Amend the Agenda to move Agenda Item 5b from the Consent Agenda to Agenda Item 7e under Discussion/Action section, All in Favor, **Motion carried.**

Motion by Trustee Whelan, **second** by Trustee Meiring, to Approve the Agenda as Amended, All in Favor, **Motion carried.**

4. Public Comment *(maximum time permitted for all Public Comment is 30 minutes)

Becky Duckworth, Firestone resident, gave public comment regarding the February 9, 2022 pre-meeting work session discussion of terminating the crossing guard agreement. Ms. Duckworth also gave public comment regarding the January 6, 2022 meeting minutes from the Planning & Zoning Commission.

Trent John, Firestone resident, gave public comment regarding Central Weld and some

concerns about a resident's involvement.

5. Consent Agenda

Motion by Trustee Conyac, **second** by Trustee Whelan, to Approve the Consent Agenda.

Roll Call Vote:

Yes: Trustee Conyac, Trustee Whelan, Trustee Meiring, Trustee Doherty, Trustee Sharp

No: None

Abstain: None

Motion carried.

a. Approval of February 9, 2022 Meeting Minutes

b. **Ordinance 1005:** AN ORDINANCE OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, AMENDING CHAPTER 5.08 ALCOHOLIC BEVERAGES, OF THE FIRESTONE MUNICIPAL CODE

Agenda Item 5b was moved to Discussion/Action and renumbered Agenda Item 7e.

Motion by Trustee Doherty, **second** by Trustee Conyac, to Approve **Ordinance 1005:** AN ORDINANCE OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, AMENDING CHAPTER 5.08 ALCOHOLIC BEVERAGES, OF THE FIRESTONE MUNICIPAL CODE

Roll Call Vote:

Yes: Trustee Conyac, Trustee Whelan, Trustee Meiring, Trustee Doherty, Trustee Sharp

No: None

Abstain: None

Motion carried.

6. Presentation

a. STAR Award

b. Compensation Process Review

7. Discussion/Action

a. **Ordinance 1006:** AN ORDINANCE OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, AUTHORIZING THE RENEWAL OF THE EXISTING CABLE FRANCHISE AGREEMENT HELD BY COMCAST OF COLORADO IX, LLC,

LOCALLY KNOWN AS COMCAST AND AUTHORIZING THE MAYOR AND TOWN CLERK TO EXECUTE, ON BEHALF OF THE TOWN OF FIRESTONE, THE CABLE FRANCHISE AGREEMENT

Raelynn Ferrera, Assistant to the Town Manager, presented to the Board of Trustees.

Mayor Sindelar asked if anyone present would like to speak in regards to Ordinance 1006. There was no one present that wished to give public comment.

Motion by Trustee Sharp, **second** by Trustee Doherty, to Approve **Ordinance 1006**: AN ORDINANCE OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, AUTHORIZING THE RENEWAL OF THE EXISTING CABLE FRANCHISE AGREEMENT HELD BY COMCAST OF COLORADO IX, LLC, LOCALLY KNOWN AS COMCAST AND AUTHORIZING THE MAYOR AND TOWN CLERK TO EXECUTE, ON BEHALF OF THE TOWN OF FIRESTONE, THE CABLE FRANCHISE AGREEMENT

Roll Call Vote:

Yes: Trustee Conyac, Trustee Whelan, Trustee Meiring, Trustee Doherty, Trustee Sharp

No: None

Abstain: None

Motion carried.

- b. **Resolution 22-30**: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND TIMBERLAN SMALL BUSINESS GROUP, INC., FOR PROFESSIONAL INFORMATION TECHNOLOGY SERVICES

Motion by Trustee Conyac, **second** by Trustee Meiring, to Approve **Resolution 22-30**: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND TIMBERLAN SMALL BUSINESS GROUP, INC., FOR PROFESSIONAL INFORMATION TECHNOLOGY SERVICES

Roll Call Vote:

Yes: Trustee Conyac, Trustee Whelan, Trustee Meiring, Trustee Doherty, Trustee Sharp

No: None

Abstain: None

Motion carried.

- c. **Resolution 22-31**: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN OPERATING AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND THE LAST CHANCE DITCH COMPANY

Motion by Trustee Meiring, **second** by Trustee Whelan, to Approve **Resolution 22-31**: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN OPERATING AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND THE LAST CHANCE DITCH COMPANY

Roll Call Vote:

Yes: Trustee Conyac, Trustee Whelan, Trustee Meiring, Trustee Doherty, Trustee Sharp

No: None

Abstain: None

Motion carried.

- d. **Resolution 22-32:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND VECTOR DISEASE CONTROL INTERNATIONAL LLC FOR INTEGRATED MOSQUITO MANAGEMENT SERVICES

Motion by Trustee Whelan, **second** by Trustee Doherty, to Approve **Resolution 22-32:** A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND VECTOR DISEASE CONTROL INTERNATIONAL LLC FOR INTEGRATED MOSQUITO MANAGEMENT SERVICES

Roll Call Vote:

Yes: Trustee Conyac, Trustee Whelan, Trustee Meiring, Trustee Doherty, Trustee Sharp

No: None

Abstain: None

Motion carried.

8. **Public Comment** *(maximum time permitted for all Public Comment is 30 minutes)

There was no one present that wished to give public comment.

9. **Reports**

a. Staff

AJ Krieger, Town Manager, reported that the Carbon Valley Recreation District requested to present at a meeting (possibly March 23, 2022). Mr. Krieger reported that a local business is interested in the modular.

9.a.i. January Monthly Finance Report

b. Mayor

c. Trustees

Trustee Meiring reported on the lobbyist meetings and the bills that the lobbyists are watching.

d. Frederick-Firestone Fire Protection 2021 Fourth Quarter Service Report (*report only*)

10. **Adjournment**

Motion by Trustee Conyac, **second** by Trustee Sharp, to Adjourn at 9:03 PM, All in Favor,

Motion carried.

Introduced and Approved the 9th of March, 2022.

TOWN OF FIRESTONE, COLORADO

ATTEST

Bobbi Sindelar, Mayor

Jessica Koenig, Town Clerk

DRAFT

AGENDA INFORMATION MEMORANDUM

FIRESTONE TOWN BOARD OF TRUSTEES



AIM#: 5.b

Consent Agenda

Meeting Date: March 9, 2022

Initiated By: Jessica Koenig

Dept: Town Clerk

AGENDA TITLE

Resolution 22-40: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN STEVE BALCEROVICH AND KATHY OATIS FOR GENERAL COLORADO GOVERNMENTAL AFFAIRS SERVICES

SUMMARY

Resolution 22-40 is for an agreement with Steve Balcerovich and Kathy Oatis for general Colorado governmental affairs service before the Legislative and Executive branches of the Colorado government.

Services proposed include, but are not limited, to the following:

General Services

- Review all introduced bills in the regular General Sessions and any special sessions to identify legislation potentially impacting the Town of Firestone;
- Develop and maintain a written electronic summary of legislation of interest, including bill status, amendments, fiscal notes, and formal positions;
- As determined by the Firestone Town Manager provide periodic board reports and produce an end of session report, board presentation, and any other summary reports as requested;
- Participate in bi-weekly meetings during the session with the Town Manager and Trustees to report on legislative activities, discuss policy considerations, and determine formal policy positions to recommend to Board of Trustees;
- Ensure that all legislators representing the Town of Firestone are familiar with the organization and support our policy positions;
- Lobby legislators on legislation impacting the Town of Firestone as directed by the Board of Trustees;
- Attend CML's biweekly legislative briefings during the session;
- From May to November, monitor and report on relevant interim committees and activities, including all interim legislation drafted and introduced; and
- Consult with the Town Manager and Board Trustees to review annual legislative priorities and public policy positions on anticipated legislative issues impacting the Town of Firestone.

HISTORY AND PREVIOUS BOARD ACTION

The Town entered into a contract with Steve Balcerovich and Kathy Oatis in 2017.

RECOMMENDATION

Approval of Resolution 22-40.

ALTERNATIVES

Provide staff with further direction.

ATTACHMENTS

1. 22-40 Firestone Lobbyist Agreement Resolution
2. Lobbyist Agreement

FINANCIAL CONSIDERATIONS

RESOLUTION NO. 22-40

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF
FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN STEVE
BALCEROVICH AND KATHY OATIS FOR GENERAL COLORADO
GOVERNMENTAL AFFAIRS SERVICES**

WHEREAS, since 2017 Steve Balcerovich and Kathy Oatis have provided general governmental affairs services to the Town of Firestone ("Town"), which includes general and specified legislative advocacy during the Colorado General Assembly's legislative sessions and regular reporting to the Board of Trustees; and

WHEREAS, the Board of Trustees finds such services valuable in the performance of its representative duties and desires to continue its relationship with Steve Balcerovich and Kathy Oatis.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

The Agreement between the Town of Firestone and Steve Balcerovich and Katy Oatis for general governmental affairs services is approved in substantially the same form as the copy attached hereto and made a part of this resolution, and the Mayor is authorized to execute the Agreement on behalf of the Town.

INTRODUCED, READ AND ADOPTED this __ day of _____, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, CMC, Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

AGREEMENT FOR SERVICES

THIS AGREEMENT FOR SERVICES (the "Agreement") is made and entered into this 1 day of March 2022 (the "Effective Date"), by and between the **TOWN OF FIRESTONE**, a Colorado municipal corporation with an address of 151 Grant Avenue, P.O. Box 100, Firestone, Colorado 80520 (the "Town"), and **Steve Balcerovich** and **Kathy Oatis** as independent contractors who are jointly and severally liable for all obligations and duties imposed upon them as set forth in the Agreement with a principal place of business at 1370 Grant St., Denver CO 80203 ("Contractor") and provides services as follows:

I. SCOPE OF SERVICES

Contractor shall provide to the Town certain services described in Scope of Services set forth in Exhibit A, attached hereto and incorporated herein by this reference and known as:

A. General Colorado Governmental Affairs Services. Furthermore, Contractor shall furnish all labor, equipment, supplies and materials required for the complete and prompt execution and performance of all duties, obligations, and responsibilities which are described or reasonably implied from the Scope of Services.

B. A change in the Scope of Services shall not be effective unless authorized as an amendment to this Agreement. If Contractor proceeds without such written authorization, Contractor shall be deemed to have waived any claim for additional compensation, including a claim based on the theory of unjust enrichment, quantum merit or implied contract. Except as expressly provided herein, no agent, employee, or representative of the Town is authorized to modify any term of this Agreement, either directly or implied by a course of action.

II. TERM AND TERMINATION

A. This Agreement shall commence on the Effective Date, and shall continue until Contractor completes the Scope of Services to the satisfaction of the Town, or until terminated as provided herein.

B. Either Party may terminate this Agreement upon 30 days advance written notice. The Town shall pay Contractor for all work previously authorized and completed prior to the date of termination. If, however, Contractor has substantially or materially breached this Agreement, the Town shall have any remedy or right of set-off available at law and equity.

III. COMPENSATION

A. In consideration for the completion of the Scope of Services by Contractor, the Town shall pay the Contractor a fixed sum not to exceed \$2,500. This amount shall include all fees, costs and expenses incurred by Contractor, and no additional amounts shall be paid by the Town for such fees, costs and expenses. Contractor may submit periodic invoices, which shall be paid by the Town within 30 days of receipt.

B. The Town will make payment due to Contractor for compensation for completed services within thirty (30) days after invoices submitted by Contractor, which invoice(s) may not be submitted more frequently than monthly. Invoices shall include the basis upon which payment is requested, such as

percentage of the Project completed, or actual time, materials and expenses. The Town shall submit invoice disputes, if any, to Contractor within thirty (30) days for resolution by mutual consent.

C. Set-Off: In addition to any other rights the Town has under this Agreement to indemnification or recoupment, Contractor agrees that the Town is entitled to set off any amounts it may owe Contractor under this Agreement against such claims for indemnity or recoupment.

IV. PROFESSIONAL RESPONSIBILITY

A. Contractor hereby warrants that it is qualified to assume the responsibilities and render the services described herein and has all requisite corporate authority and licenses in good standing, required by law. The work performed by Contractor shall be timely and in accordance with generally accepted practices and the level of competency presently maintained by other practicing contractors providing the same or similar type of services in the applicable community.

B. The Town's review, approval or acceptance of, or payment for any services shall not be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

V. OWNERSHIP

Any materials, items, and work specified in the Scope of Services, and any and all related documentation and materials provided or developed by Contractor shall be exclusively owned by the Town. Contractor expressly acknowledges and agrees that all work performed under the Scope of Services constitutes a "work made for hire." To the extent, if at all, that it does not constitute a "work made for hire," Contractor hereby transfers, sells, and assigns to the Town all of its right, title, and interest in such work. The Town may, with respect to all or any portion of such work, use, publish, display, reproduce, distribute, destroy, alter, retouch, modify, adapt, translate, or change such work without providing notice to or receiving consent from Contractor.

VI. INDEPENDENT CONTRACTOR

Contractor is an independent contractor. Notwithstanding any other provision of this Agreement, all personnel assigned by Contractor to perform work under the terms of this Agreement shall be, and remain at all times, employees or agents of Contractor for all purposes. Contractor shall make no representation that it is a Town employee for any purposes. Contractor understands that Contractor is not entitled to unemployment insurance benefits from the Town. Contractor shall be responsible for payment of all taxes, including federal, state and local taxes arising out of Contractor's activities under this Agreement, including, by way of illustration but not limitation, federal and state income tax, social security tax, unemployment insurance taxes, and any other taxes or business license fees as required.

VII. INSURANCE

A. Contractor shall procure and maintain, and shall cause any subcontractor to procure and maintain, the insurance coverages listed below, with forms and insurers acceptable to the Town.

1. Worker's Compensation insurance as required by law.

B. Such insurance shall be in addition to any other insurance requirements imposed by law. The coverages afforded under the policies shall not be canceled, terminated or materially changed without at least 30 days prior written notice to the Town. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Any insurance carried by the Town, its officers, its employees, or its contractors shall be excess and not contributory insurance to that provided by Contractor. Contractor shall be solely responsible for any deductible losses under any policy.

VIII. INDEMNIFICATION

Contractor agrees to indemnify and hold harmless the Town and its officers, insurers, volunteers, representative, agents, employees, heirs and assigns from and against all claims, liability, damages, losses, expenses and demands, including attorney fees, on account of injury, loss, or damage, including without limitation claims arising from bodily injury, personal injury, sickness, disease, death, property loss or damage, or any other loss of any kind whatsoever, which arise out of or are in any manner connected with this Agreement if such injury, loss, or damage is caused in whole or in part by, the act, omission, error, professional error, mistake, negligence, or other fault of Contractor, any subcontractor of Contractor, or any officer, employee, representative, or agent of Contractor, or which arise out of a worker's compensation claim of any employee of Contractor or of any employee of any subcontractor of Contractor.

IX. WORKERS WITHOUT AUTHORIZATION

A. Certification. By entering into this Agreement, Contractor hereby certifies that, at the time of this certification, it does not knowingly employ or contract with a worker without authorization who will perform work under this Agreement and that Contractor will participate in either the E-Verify Program administered by the U.S. Department of Homeland Security and Social Security Administration or the Department Program administered by the Colorado Department of Labor and Employment to confirm the employment eligibility of all employees who are newly hired to perform work under this Agreement.

B. Prohibited Acts. Contractor shall not knowingly employ or contract with a worker without authorization to perform work under this Agreement, or enter into a contract with a subcontractor that fails to certify to Contractor that the subcontractor shall not knowingly employ or contract with a worker without authorization to perform work under this Agreement.

C. Verification.

1. If Contractor has employees, Contractor has confirmed the employment eligibility of all employees who are newly hired to perform work under this Agreement through participation in either the E-Verify Program or the Department Program.
2. Contractor shall not use the E-Verify Program or Department Program procedures to undertake pre-employment screening of job applicants while this Agreement is being performed.
3. If Contractor obtains actual knowledge that a subcontractor performing work under this Agreement knowingly employs or contracts with a worker without authorization who is performing work under this Agreement, Contractor shall: notify the subcontractor and the Town within 3 days that Contractor has actual knowledge that the subcontractor is employing or contracting with a worker without authorization who is performing work under this

Agreement; and terminate the subcontract with the subcontractor if within 3 days of receiving the notice required pursuant to subsection 1 hereof, the subcontractor does not stop employing or contracting with the worker without authorization who is performing work under this Agreement; except that Contractor shall not terminate the subcontract if during such 3 days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with a worker without authorization who is performing work under this Agreement.

D. Duty to Comply with Investigations. Contractor shall comply with any reasonable request by the Colorado Department of Labor and Employment made during an investigation conducted pursuant to C.R.S. § 8-17.5-102(5)(a) to ensure that Contractor is complying with the terms of this Agreement.

E. Affidavits. If Contractor does not have employees, Contractor shall sign the "No Employee Affidavit" attached hereto. If Contractor wishes to verify the lawful presence of newly hired employees who perform work under the Agreement via the Department Program, Contractor shall sign the "Department Program Affidavit" attached hereto.

X. MISCELLANEOUS

- A. Governing Law and Venue. This Agreement shall be governed by the laws of the State of Colorado, and any legal action concerning the provisions hereof shall be brought in Weld County, Colorado.
- B. No Waiver. Delays in enforcement or the waiver of any one or more defaults or breaches of this Agreement by the Town shall not constitute a waiver of any of the other terms or obligation of this Agreement.
- C. Integration. This Agreement constitutes the entire agreement between the Parties, superseding all prior oral or written communications.
- D. Third Parties. There are no intended third-party beneficiaries to this Agreement.
- E. Notice. Any notice under this Agreement shall be in writing, and shall be deemed sufficient when directly presented or sent pre-paid, first class U.S. Mail to the Party at the address set forth on the first page of this Agreement.
- F. Severability. If any provision of this Agreement is found by a court of competent jurisdiction to be unlawful or unenforceable for any reason, the remaining provisions hereof shall remain in full force and effect.
- G. Modification. This Agreement may only be modified upon written agreement of the Parties.
- H. Assignment. Neither this Agreement nor any of the rights or obligations of the Parties shall be assigned by either Party without the written consent of the other.
- I. Governmental Immunity. The Town and its officers, attorneys and employees, are relying on, and do not waive or intend to waive by any provision of this Agreement, the monetary limitations or any other rights, immunities, and protections provided by the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, et seq., as amended, or otherwise available to the Town and its officers, attorneys or employees.
- J. Rights and Remedies. The rights and remedies of the Town under this Agreement are in addition to any other rights and remedies provided by law. The expiration of this Agreement shall in no way limit the Town's legal or equitable remedies, or the period in which such remedies may be asserted, for work negligently or defectively performed.

- K. Subject to Annual Appropriation. Consistent with Article X, § 20 of the Colorado Constitution, any financial obligation of the Town not performed during the current fiscal year is subject to annual appropriation, shall extend only to monies currently appropriated, and shall not constitute a mandatory charge, requirement, debt or liability beyond the current fiscal year.
- L. Force Majeure. No Party shall be in breach of this Agreement if such Party's failure to perform any of the duties under this Agreement is due to Force Majeure, which shall be defined as the inability to undertake or perform any of the duties under this Agreement due to acts of God, floods, storms, fires, sabotage, terrorist attack, strikes, riots, war, labor disputes, forces of nature, the authority and orders of government, epidemics or pandemics.
- M. Representative Authority. Each person signing this Agreement represents and warrants that he or she is duly authorized and has the legal capacity to execute the Agreement.

In Witness Whereof, the Parties have executed this Agreement as of the Effective Date.

TOWN OF FIRESTONE, COLORADO

ATTEST:

APPROVED AS TO FORM

Jessica Koenig, CMC, Town Clerk

William P. Hayashi, Town Attorney

CONTRACTOR

By:

Lobbyist

Lobbyist

NO EMPLOYEE AFFIDAVIT

To be completed only if Contractor has **no** employees

1. Check and complete one:

X Steve Balcerovich and Kathy Oatis are both sole proprietors doing business as Colorado Lobbyists. We do not currently employ any individuals. Should we employ any employees during the term of our Agreement with the Town of Firestone (the "Town"), We certify that we will comply with the lawful presence verification requirements outlined in that Agreement.

2. Check one.

X We are United States citizen or legal permanent resident.

The Town must verify this statement by reviewing one of the following items:

- *A valid Colorado driver's license or a Colorado identification card;*
- *A United States military card or a military dependent's identification card;*
- *A United States Coast Guard Merchant Mariner card;*
- *A Native American tribal document;*
- *In the case of a resident of another state, the driver's license or state-issued identification card from the state of residence, if that state requires the applicant to prove lawful presence prior to the issuance of the identification card; or*
- *Any other documents or combination of documents listed in the Town's "Acceptable Documents for Lawful Presence Verification" chart that prove both Contractor's citizenship/lawful presence and identity.*

Signature

Date

Signature

Date

To be completed only if Contractor participates in the Department of Labor Lawful Presence Verification Program

1. We have examined or will examine the legal work status of all employees who are newly hired for employment to perform work under this public contract for services ("Agreement") with the Town within 20 days after such hiring date;

3. We have not and will not alter or falsify the identification documents for my newly hired employees who perform work under this Agreement.

Date

The foregoing instrument was subscribed, sworn to and acknowledged before me this ____ day of _____, 2020, by _____ as _____ of _____.

Notary Public

EXHIBIT A

SCOPE OF WORK

Contractor's Duties

During the term of this Contract, Contractor shall perform the following duties, as directed by the Town:

General Governmental Affairs Services

Scope of Work

We will provide the Town of Firestone full service governmental affairs representation before the Legislative and Executive branches of Colorado government. These services include legislative advocacy during sessions of the Colorado General Assembly and during any special sessions of relevance. Also, all interim committees of interest will be monitored and reported back to the town.

Services proposed include, but are not limited, to the following:

General Services

- Review all introduced bills in the regular General Sessions and any special sessions to identify legislation potentially impacting the Town of Firestone;
- Develop and maintain a written electronic summary of legislation of interest, including bill status, amendments, fiscal notes, and formal positions;
- As determined by the Firestone Town Manager provide periodic board reports and produce an end of session report, board presentation, and any other summary reports as requested;
- Participate in bi-weekly meeting during the session with the Town Manager and Trustees to report on legislative activities, discuss policy considerations, and determine formal policy positions to recommend to Board of Trustees;
- Ensure that all legislators representing the Town of Firestone are familiar with the organization and support our policy positions;
- Lobby legislators on legislation impacting the Town of Firestone as directed by the Board of Trustees;
- Attend CML's biweekly legislative briefings during session;
- From May to November, monitor and report on relevant interim committees and activities, including all interim legislation drafted and introduced; and
- Consult with the Town Manager and Board Trustees to review annual legislative priorities and public policy positions on anticipated legislative issues impacting the Town of Firestone.

**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 5.c

Consent Agenda

Meeting Date: March 9, 2022

Initiated By: Jessica Koenig

Dept: Town Clerk

AGENDA TITLE

Resolution 22-41: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND STEPHEN A. JONES FOR LOCAL LIQUOR LICENSE AUTHORITY HEARING OFFICER SERVICES

SUMMARY

Resolution 22-41 would approve an agreement with Stephan A. Jones, Municipal Court Judge, for Local Liquor License Authority Hearing Officer services. Stephen A. Jones would also be appointed as the Hearing Officer of the Local Liquor License Authority. Mr. Jones would serve for an initial term concurrent with his appointment as Municipal Court Judge which terminates on December 31, 2024.

HISTORY AND PREVIOUS BOARD ACTION

The Board of Trustees members previously served as the Local Liquor License Authority.

RECOMMENDATION

Approval of Resolution 22-41.

ALTERNATIVES

Provide staff with further direction.

ATTACHMENTS

1. 22-41 Firestone LLA Hearing Officer
2. LLA Hearing Officer Agreement

FINANCIAL CONSIDERATIONS

Mr. Jones shall not charge a fee for uncontested matters which will be held in the Municipal Court and scheduled concurrently with regular court dates, Mr. Jones shall be compensated at the rate of \$75.00 per hour for any contested matter.

RESOLUTION NO.

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF
FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE
TOWN OF FIRESTONE AND STEPHEN A. JONES FOR LOCAL LIQUOR
LICENSE AUTHORITY HEARING OFFICER SERVICES**

WHEREAS, pursuant to Section 5.08.090 of the Firestone Municipal Code the Town of Firestone's Local Liquor License Authority shall consist of a Hearing Officer appointed by the Board of Trustees; and

WHEREAS the Board of Trustees finds that the Municipal Court Judge, Stephen A. Jones has the qualifications, experience expertise and desire to serve as the Hearing Officer.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

The Agreement between the Town of Firestone and Stephen A. Jones for Local Liquor License Authority Hearing Officer services is approved in substantially the same form as the copy attached hereto and made a part of this resolution, and the Mayor is authorized to execute the Agreement on behalf of the Town.

INTRODUCED, READ AND ADOPTED this __ day of _____, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, CMC, Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

AGREEMENT – LOCAL LIQUOR LICENSE AUTHORITY HEARING OFFICER

THIS AGREEMENT is made and entered into on March 9, 2022, by and between the Town of Firestone, a Colorado statutory municipality ("Town"), and Stephen A. Jones.

RECITALS

WHEREAS, pursuant to Section 5.08.090 of the Town of Firestone Municipal Code ("Code") the Town of Firestone's Local Liquor License Authority shall consist of a Hearing Officer appointed by the Board of Trustees; and

WHEREAS, the Board of Trustees finds that the Municipal Court Judge, Stephen A. Jones ("Jones") has the qualifications, experience, expertise and desire to serve as the Hearing Officer; and

WHEREAS, the Board of Trustees desires to appoint Judge Jones as the Hearing Officer and memorialize the terms of his appointment.

NOW, THEREFORE, for and in consideration of the promises and covenants herein, the parties agree as follows:

I. AUTHORITY

Stephen A. Jones is hereby appointed to serve as the Hearing Officer for the Local Liquor License Authority ("Authority") and exercise the duties of the Authority as set forth in the Colorado Liquor Code Article 3, Title 44 C.R.S.

II. TERM

Jones shall serve for an initial term concurrent with his appointment as Municipal Court Judge which terminates on December 31, 2024.

III. SCHEDULE AND COMPENSATION

Jones shall not charge a fee for uncontested matters which will be held in the Municipal Court and scheduled concurrently with regular court dates Jones shall be compensated at the rate of \$75.00 per hour for any contested matter, which shall be held in the Municipal Court and scheduled at the convenience of the parties.

IV. OTHER COVENANTS

Judge Jones job performance, salary, and other contractual issues, if any, may be reviewed by the Board of Trustees on an annual basis or as otherwise requested by either party.

V. COUNTERPARTS

This Agreement may be executed in any number of counterparts, each of which shall be

deemed an original, but all of which together shall constitute one and the same instrument. The parties agree that signatures transmitted by facsimile or electronically shall be binding as if they were original signatures.

IN WITNESS WHEREOF, the parties have executed this Agreement.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

APPROVED AS TO FORM:

Jessica Koenig, CMC, Town Clerk

William P. Hayashi, Town Attorney

STEPHEN A. JONES, HEARING OFFICER

By: _____
STEPHEN A. JONES

**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 6.a

Proclamation

Meeting Date: March 9, 2022

Initiated By: Jessica Koenig

Dept: Board of Trustees

AGENDA TITLE

A proclamation recognizing the month of March 2022 as Developmental Disabilities Awareness Month

SUMMARY

This proclamation recognizes March 2022 as Developmental Disabilities Awareness Month. Mayor Pro Tem Jimenez is the Board sponsor of this proclamation.

In 1987, President Ronald Reagan officially declared March to be Developmental Disabilities Awareness Month. The Town of Firestone, in conjunction with the Arc of Weld County, proudly supports the National Developmental Disabilities Awareness Month, urging, as President Reagan did before them, that all Americans join together in providing “to our fellow citizens with such disabilities both encouragement and the opportunities they need to lead productive lives and to achieve their full potential.”

HISTORY AND PREVIOUS BOARD ACTION

RECOMMENDATION

ALTERNATIVES

ATTACHMENTS

1. Developmental Disabilities Proclamation

FINANCIAL CONSIDERATIONS



NATIONAL DEVELOPMENTAL DISABILITIES AWARENESS MONTH

WHEREAS, There is a growing population of children and adults with developmental disabilities (DD) who reside in the Town of Firestone, and

WHEREAS, Historically, people with developmental disabilities were institutionalized and/or segregated from their families, friends, and communities, and

WHEREAS, In 1987, President Ronald Reagan officially declared March to be Developmental Disabilities Awareness Month. The theme of National Developmental Disabilities Awareness Month was decreed that "For many of these people with developmental disabilities there is now the prospect of a brighter future and greater opportunity. Americans are becoming increasingly aware that such disabilities need not keep individuals from realizing their full potential in school, at work, or at home, as members of their families and of their communities," and

WHEREAS, The Arc of Weld County proudly supports the National Developmental Disabilities Awareness Month, urging as President Reagan did before them that all Americans join together in providing "to our fellow citizens with such disabilities both encouragement and the opportunities they need to lead productive lives and to achieve their full potential."

NOW, THEREFORE I, MAYOR, by virtue of the authority vested in me as Mayor of the Town of Firestone, Colorado, do hereby proclaim the month of March 2022 as Developmental Disabilities Awareness Month in the Town of Firestone, Colorado, and urge all citizens to support programs that serve people with developmental disabilities and to ensure that all people with disabilities are treated with dignity and respect that they so deserve.

TOWN OF FIRESTONE, COLORADO

By _____
Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, Town Clerk

**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 7.a

Land Development

Meeting Date: March 9, 2022

Initiated By: Marty Ostholtz

Dept: Planning & Development

AGENDA TITLE

PUBLIC HEARING: Resolution 22-33: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING A PRELIMINARY SUBDIVISION PLAT FOR CERTAIN REAL PROPERTY LOCATED WITHIN THE BAREFOOT LAKES SUBDIVISION

SUMMARY

The Barefoot Lakes Filing No. 6 Preliminary Plat proposes 190 single-family residential lots and 9 tracts for open space, landscaping and drainage purposes. The property is approximately 83 acres and is located at the southwest corner of Ronald Reagan Boulevard (CR 28) and Colorado Boulevard (CR 13).

HISTORY AND PREVIOUS BOARD ACTION

The Barefoot Lakes property was annexed and zoned into the Town of Firestone in 2015.

RECOMMENDATION

Town staff recommends the Board of Trustees approve draft Resolution 22-33, a resolution approving the Barefoot Lakes Filing 6 Preliminary Plat application with the following conditions:

1. All remaining technical corrections to the Barefoot Lakes Filing No. 6 Preliminary Plat and Construction Drawings requested by Town staff shall be made to the Town staff's satisfaction.
2. At the Final Plat stage, the Town and the Applicant shall execute a subdivision agreement, in a form to be approved by the Town Attorney.

ALTERNATIVES

n/a

ATTACHMENTS

1. Barefoot Lakes Filing 6 Staff Report
2. Resolution 22-33
3. Barefoot Lakes Filing 6 Preliminary Plat
4. Barefoot Lakes Filing 6 Landscape Plans
5. Barefoot Lakes Filing 6 Preliminary Construction Plans
6. Neighborhood Meeting Invite/Summary

FINANCIAL CONSIDERATIONS

n/a



Staff Report

Barefoot Lakes Filing No. 6

Preliminary Plat

**Prepared by the
Town of Firestone for the
Board of Trustees**

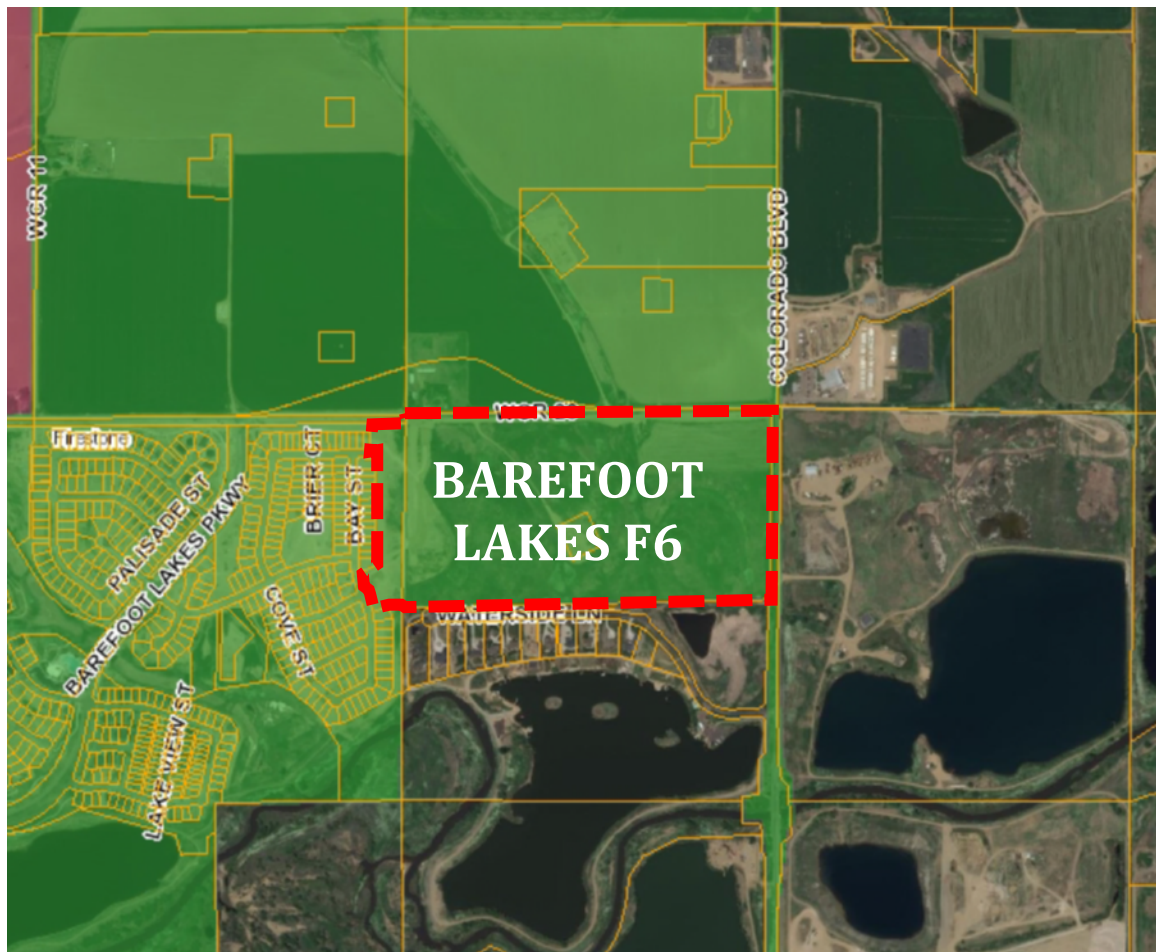
March 9, 2022

GENERAL INFORMATION

Purpose: This staff report is for the Barefoot Lakes Filing No. 6 Preliminary Plat proposing 190 single-family detached residential lots and 9 tracts on approximately 83 acres.

Applicant: Barefoot, LLC
6465 South Greenwood Plaza Boulevard, Suite 700
Centennial, CO 80111

Location: The Barefoot Lakes Filing No. 6 preliminary plat is located at the southwest corner of Ronald Reagan Boulevard (CR 28) and Colorado Boulevard (WCR 13).



Existing Conditions:

Existing Zoning: Barefoot Lakes ODP-Planning Area 9 [R-A (Residential-A), R-B (Residential-B) and R-C (Residential-C)]
Existing Use: Vacant land and oil/gas operations

Adjacent Land Use/Zoning:

	ZONING	LAND USE
NORTH	R-A/R-B/R-C – Residential A/B/C (Barefoot Lakes ODP)	Vacant land + oil/gas operations
SOUTH	Pelican Shores PUD (Weld County)	Single-family residential
EAST	A – Agricultural (Weld County)	Aggregate mining
WEST	R-A/R-B/R-C – Residential A/B/C (Barefoot Lakes ODP)	Developing single-family residential

Barefoot Lakes Filing No. 6 Preliminary Plat - Plan Analysis

Barefoot Lakes Filing 6 preliminary plat proposes one-hundred ninety (190) lots for single-family detached homes and nine (9) tracts for open space, landscaping and drainage purposes.

The subject property is east of Filing 5, south of Ronald Reagan Boulevard and west of Colorado Boulevard and is characterized by generally flat terrain with a slope from north to south. A drainage way and associated 100-year floodplain runs south/southeast through the property.

The gross density of the proposed subdivision is 2.3 dwelling units/acre. Lot sizes range from 50/60/70-foot wide, and from 5,750 sqft. to nearly 12,000 sqft. in area. The project will be consistent with adjacent development and will complement the overall Barefoot Lakes development.

There are four vehicular access point into the filing, two connecting directly to Ronald Reagan Boulevard and two connections into the adjacent Filing 5 currently under development.

Pedestrian access is provided via detached sidewalks along interior residential streets, consistent with previous filings. Pedestrian access is also available via trails which are designed as part of a larger network, promoting connectivity in the neighborhood beyond Filing 6. Included in the trail network with Filing 6 is a pedestrian underpass for Ronald Reagan Boulevard. This underpass will be constructed as part on the on-going Ronald Reagan Boulevard improvements and provide a grade separated crossing to connect the existing Barefoot Lakes development south of Ronald Reagan Boulevard to the future development on the north side of Ronald Reagan Boulevard.

Tract C is proposed as a pocket park/open space area and is approximately 6.5 acres in size. As indicated on the preliminary plat, Tract C is currently encumbered by oil and gas facilities. The applicant is working with the operator of these facilities to plug and abandon the wells on this site and reclaim the site so that the park and trails can be constructed. A trail is proposed connecting the pocket park to Filing 5 to the west and to the proposed underpass to the north. The tracts will be owned and maintained by the St. Vrain Lakes Metropolitan District.

Public infrastructure and utilities will be extended into the property by the developer at the time of the development.

APPROVAL CRITERIA AND STAFF ANALYSIS

Preliminary Plat Approval Criteria and Staff Analysis:

The Preliminary Plat application for Barefoot Lakes Filing No. 6 was reviewed for compliance with the Approval Criteria from Section 16.7.6.C of the FDC. Staff makes the following findings.

- A. The subdivision is generally consistent with the Town's Comprehensive Master Plan;

Staff: *The proposed preliminary plat is generally consistent with the residential medium and open space land use designations identified in the Town of Firestone Master Plan.*

- B. The subdivision is generally consistent with and implements the intent of the specific zoning district in which it is located;

Staff: *The proposed preliminary plat is consistent with the purpose and intent of the R-A and R-B zone districts as outlined in the Barefoot Lakes ODP.*

- C. The general layout of lots, streets, driveways, utilities, drainage facilities, and other services within the proposed subdivision is designed to meet the Town's standards related to health and safety and in a way that minimizes the amount of land disturbance, maximizes the amount of open space in the development, preserves existing trees/vegetation and riparian areas, protects critical wildlife habitat, and otherwise accomplishes the purposes and intent of this FDC;

Staff: *The general layout of the proposed preliminary plat is consistent with applicable development and design standards set forth in the FDC. In addition, the general layout is consistent with the Town of Firestone Design Standards and Construction Specifications for Public Improvements.*

- D. The subdivision complies with all applicable use, development, and design standards set forth in Chapters 3, 5 and 6 of this FDC that have not otherwise been modified or waived pursuant to this Chapter or this FDC;

Staff: *The proposed preliminary plat complies with the development and design standards set forth in Chapters 3, 5 and 6 of the FDC.*

- E. The subdivision complies with all applicable regulations, standards, requirements, or plans of the Federal or State governments and other relevant jurisdictions, including but not limited to wetlands, water quality, erosion control, and wastewater regulations;

Staff: *The proposed preliminary plat complies with applicable federal and state regulations, including preservation of wetlands and the identified 100-year floodplain.*

- F. The subdivision will not result in significant adverse impacts on the natural environment, including air, water, noise, storm water management, wildlife, and vegetation, or such impacts will be substantially mitigated;

Staff: *The proposed preliminary plat will not have a significant impact on the identified environmental conditions.*

- G. The subdivision shall be integrated and connected, where appropriate, with adjacent development through street connections, sidewalks, trails, and similar features;

Staff: *The proposed preliminary plat is integrated and connected with both vehicular and pedestrian connections to adjacent filings within Barefoot Lakes. Additionally, an underpass (under Ronald Reagan Boulevard) is proposed to connect the developing portions of Barefoot Lakes south of Ronald Reagan Boulevard to the future Barefoot Lakes north of Ronald Reagan Boulevard.*

- H. The subdivision will not result in significant adverse impacts on adjacent properties, or such impacts will be substantially mitigated.

Staff: *The proposed preliminary plat will not have significant adverse impacts on adjacent properties.*

- I. Adequate and sufficient public safety, transportation, utility facilities and services, recreation facilities, parks, and schools are available to serve the subject property, while maintaining sufficient levels of service to existing development; and

Staff: *The proposed preliminary plat will provide sufficient transportation, utilities, recreational/park and school facilities while maintaining existing levels of service to the development.*

- J. As applicable, the proposed phasing plan for development of the subdivision is rational in terms of available infrastructure capacity.

Staff: *The phasing of the proposed preliminary plat is rational in terms of infrastructural capacities.*

NEIGHBORHOOD MEETING

As required by the Firestone Development Code, a Neighborhood Meeting was held on February 3, 2022 at 5:00 pm at The Cove in Barefoot Lakes. The required notice for the Neighborhood Meeting was provided.

PUBLIC NOTICE

Notice of the Public Hearings has been provided as follows:

Published in the Longmont Times Call:	February 2, 2022
Property Posted:	February 1, 2022
Letters to Adjacent Property Owners:	February 1, 2022

RECOMMENDATIONS

Staff:

Recommends the Board of Trustees approve draft Resolution 22-33, a resolution approving the Barefoot Lakes Filing No. 6 Preliminary Plat application with the following conditions:

- a. All remaining technical corrections to the Barefoot Lakes Filing No. 6 Preliminary Plat and Construction Drawings requested by Town staff shall be made to the Town staff's satisfaction.
- b. At the Final Plat stage, the Town and the Applicant shall execute a subdivision agreement, in a form to be approved by the Town Attorney.

Planning and Zoning Commission:

After conducting a Public Hearing on the proposed preliminary plat on February 17, 2022, the Planning and Zoning Commission rendered a decision recommending approval (5-0) of the Preliminary Plat with two (2) conditions as more fully set forth in PC-22-05.

RESOLUTION NO. 22-33

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING A PRELIMINARY SUBDIVISION PLAT FOR CERTAIN REAL PROPERTY LOCATED WITHIN THE BAREFOOT LAKES SUBDIVISION

WHEREAS, Barefoot, LLC (“Applicant”), as owner of certain real property located within the Barefoot Lakes subdivision (the “Property”), has submitted a proposed preliminary subdivision plat for the Property; and

WHEREAS, the Firestone Planning and Zoning Commission, after conducting a public hearing on the proposed preliminary subdivision plat on February 17, 2022, rendered a decision recommending approval of the Preliminary Plat with two (2) conditions as more fully set forth in PC-22-05, dated February 17, 2022; and

WHEREAS, on March 9, 2022, the Board of Trustee conducted a public hearing on the proposed Preliminary Plat; and

WHEREAS, after reviewing the record of the Planning and Zoning Commission public hearing, and after considering the testimony, evidence and argument presented at the Board of Trustees public hearing, the Board of Trustees finds and determines that the proposed plat is in substantial conformance with the technical requirements of the Firestone Development Code, and that the proposed development plan meets the applicable requirements and standards set forth in the Firestone Municipal Code and Firestone Development Code.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

Section 1. The Board of Trustees acknowledges the Planning and Zoning Commission’s findings of fact in this case, as detailed in Resolution PC-22-05.

Section 2. The above Recitals and Findings of the Board of Trustees are hereby incorporated into this resolution.

Section 3. The Board of Trustees hereby approves the Preliminary Plat of Barefoot Lakes Filing No. 6, attached hereto as Exhibit A and incorporated herein by this reference, which is subject to:

(a) All remaining technical corrections to the Barefoot Lakes Filing No. 6 Preliminary Plat and Construction Drawings requested by Town staff shall be made to the Town staff’s satisfaction.

(b) At the Final Plat stage, the Town and the Applicant shall execute a subdivision agreement, in a form to be approved by the Town Attorney.

Section 4. The Preliminary Plat, Barefoot Lakes Filing No. 6, Town of Firestone, Weld County, State of Colorado, attached hereto as Exhibit A and incorporated herein by this reference,

is hereby approved, subject to and contingent upon compliance with the following conditions:

(a) All remaining technical corrections to the Barefoot Lakes Filing No. 6 Preliminary Plat and Construction Drawings requested by Town staff shall be made to the Town staff's satisfaction.

(b) At the Final Plat stage, the Town and the Applicant shall execute a subdivision agreement, in a form to be approved by the Town Attorney.

Section 5. Unless otherwise extended by the Board of Trustees, the approval of the Barefoot Lakes Filing No. 6 Preliminary Plat shall be null and void if a final plat for all or a portion of the property is not approved by the Town of Firestone within three years of the date of this Resolution.

INTRODUCED, READ AND ADOPTED this __ day of _____, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

EXHIBIT A
Barefoot Lakes Filing No. 6
Preliminary Plat

I:\2028\0801 - Barefoot Lakes\Cadd\Sheet Sets\0801_25 BFL Filing 6\ Preliminary Plat Exhibits\C1.0 COVER SHEET.dwg, tab: C1.0 COVER SHEET, Jan 14, 2022, 2:32pm, erumney

CONTACT LIST

OWNER/ DEVELOPER

BAREFOOT, LLC.
6465 S. GREENWOOD PLAZA BLVD #700
CENTENNIAL, COLORADO 80111
TEL: (303) 790-6593
CONTACT: JUSTIN WELLS
EMAIL: JUSTIN.WELLS@BROOKFIELDPROPERTIESDEVELOPMENT.COM

ST. VRAIN LAKES METRO DISTRICT 1

6465 S. GREENWOOD PLAZA BLVD #700
CENTENNIAL, COLORADO 80111
TEL: (303) 790-6604
CONTACT: CHRIS BREMNER
EMAIL: CHRIS.BREMNER@BROOKFIELDPROPERTIESDEVELOPMENT.COM

CIVIL ENGINEER

REDLAND
1500 WEST CANAL COURT
LITTLETON, COLORADO 80120
TEL: (720) 283-6783
CONTACT: EVAN RUMNEY, P.E.
EMAIL: ERUMNEY@REDLAND.COM

LANDSCAPE ARCHITECT

DESIGN WORKSHOP
1390 LAWRENCE STREET, SUITE 200
DENVER, COLORADO 80204-2048
TEL: (303) 623-5186
FAX: (303) 623-2260
CONTACT: JAKE SIPPY
EMAIL: JSIPPY@DESIGNWORKSHOP.COM

AGENCY LIST

ERO RESOURCES CORP.

1842 CLARKSON ST.
DENVER, CO 80218
TEL: (303)830-1188
FAX: (303)830-1199
ATTN: DENISE LARSON

UNITED POWER

500 COOPERATIVE WAY
BRIGHTON, CO 80603
TEL: (303)637-1252
ATTN: BRYCE LANCKRIET

BLACK HILLS ENERGY

3766 EUREKA WAY, SUITE 1
FREDERICK, CO 80516
(719)332-5856
ATTN: BOB SWALEK

KERR McGEE OIL AND GAS ONSHORE LP

1999 BROADWAY
SUITE 3700
DENVER, COLORADO 80202
PHONE: 720-929-4371
ATTN: JOSEPH KEMOCK

TOWN OF FIRESTONE

9950 PARK AVENUE
FIRESTONE, CO 80504
PHONE: 970-278-0029, EXT. 108
ATTN: MATT WIEDERSPAHN

COLORADO STATE DEPARTMENT OF PUBLIC HEALTH & ENVIRONMENT

4210 EAST 11TH AVENUE
DENVER, COLORADO 80222
(303) 761-1340
ATTN: GLEN BODNAR

UTILITY NOTIFICATION CENTER OF COLORADO

2801 SOUTH YOUNGFIELD STREET, SUITE 301
ENGLEWOOD, CO 80112
(800)-922-1987

FREDERICK-FIRESTONE FIRE PROTECTION DISTRICT

8426 KOSMERL PLACE
FREDERICK, CO 80504
(303)833-2742

ST. VRAIN SANITATION DISTRICT

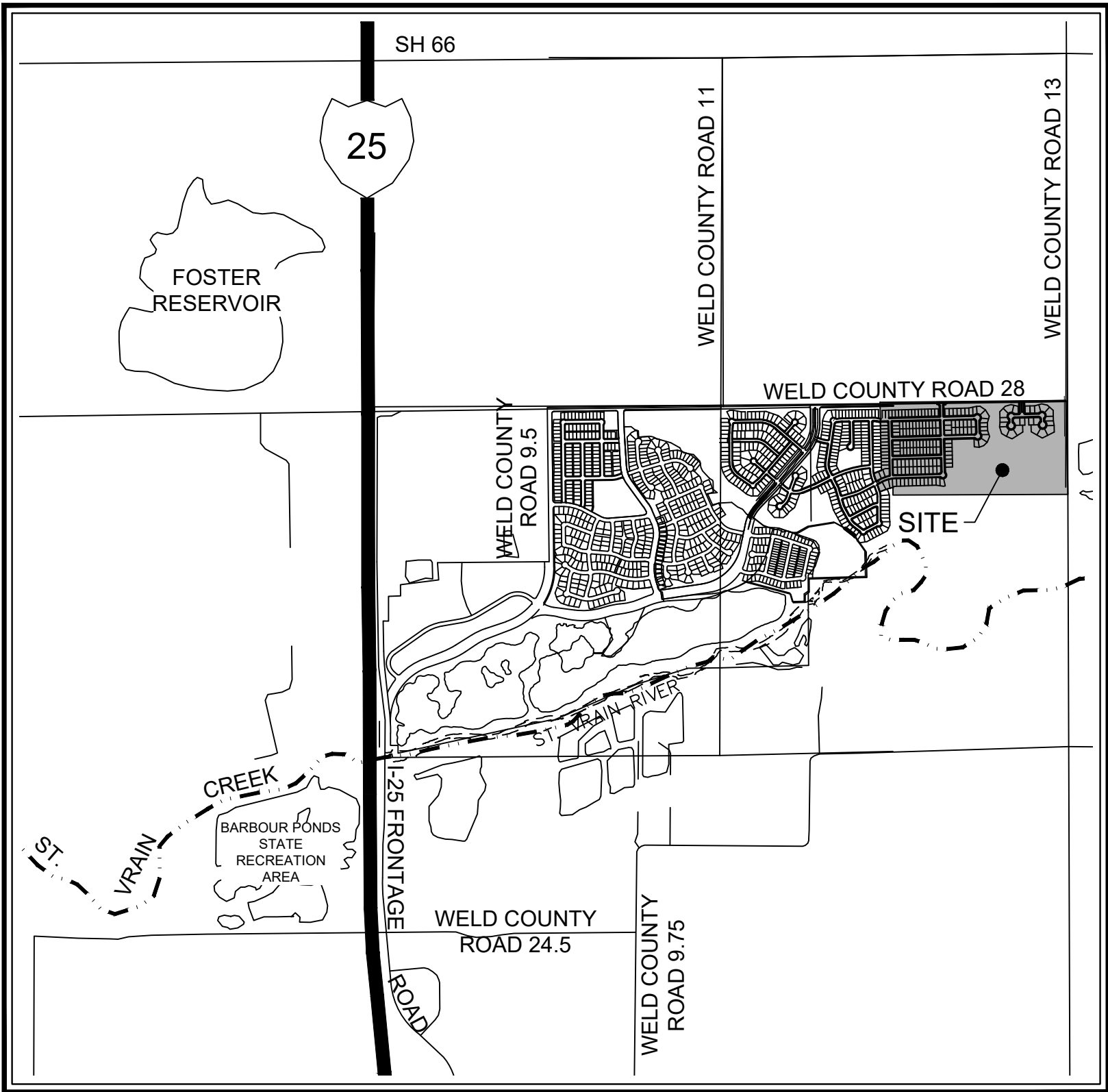
11307 BUSINESS PARK CIRCLE
LONGMONT, CO 80504
(303) 776-9570
ATTN: DAVE CROSS

LITTLE THOMPSON WATER DISTRICT

835 E. STATE HIGHWAY 56
BERTHOUD, CO 80513
970-532-2096
ATTN: AMBER KAUFFMAN

BAREFOOT LAKES FILING NO. 6
PRELIMINARY PLAT

THE NORTHEAST QUARTER OF SECTION 36,
TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN
TOWN OF FIRESTONE, COUNTY OF WELD, STATE OF COLORADO.
82.578 ACRES - 190 LOTS/9 TRACTS
PP 21-017



VICINITY MAP

1" = 2000'

LAND SUMMARY CHART

TYPE	AREA (AC)	% OF TOTAL AREA
RESIDENTIAL LOTS	32.09	38.86%
TRACTS	39.36	47.66%
OPEN SPACE	23.89	28.93%
PARKS	6.51	7.88%
OTHER	8.96	10.85%
PUBLIC R.O.W.	11.13	13.48%
TOTAL	82.58	100.00%

TRACT SUMMARY CHART

TRACT	AREA (AC)	USE	OWNERSHIP	MAINTENANCE
TRACT A	1.55	LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT B	0.89	LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT C	6.47	DRAINAGE/OPEN SPACE/PARK	SVLMD	SVLMD
TRACT D	3.74	DETENTION/DRAINAGE	SVLMD	SVLMD
TRACT E	0.98	DRAINAGE/LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT F	23.97	DRAINAGE/FLOODPLAIN/OPEN SPACE	SVLMD	SVLMD
TRACT G	0.42	LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT H	0.58	LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT I	0.76	DETENTION/DRAINAGE	SVLMD	SVLMD
TOTAL TRACTS	39.36	DETENTION/DRAINAGE/FLOODPLAIN/ LANDSCAPE BUFFER/OPEN SPACE/PARK	SCLMD	SVLMD

SHEET LIST INDEX

SHEET NO.	DESCRIPTION
C1.0	COVER SHEET
C4.0	PRELIMINARY PLAT
C4.1	PRELIMINARY PLAT
C4.2	PRELIMINARY PLAT
C4.3	PRELIMINARY PLAT
C4.4	PRELIMINARY PLAT
C4.5	PRELIMINARY PLAT

LEGAL DESCRIPTION

ALL OF LOT 21, BLOCK 1, LOTS 1 AND 14, BLOCK 4 AND TRACT B, BAREFOOT LAKES FILING NO. 5 AS RECORDED ON NOVEMBER 17, 2020 UNDER RECEPTION NO. 4651760 OF THE RECORDS OF THE WELD COUNTY, COLORADO CLERK AND RECORDER, SITUATED IN THE NORTHWEST QUARTER OF SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, TOWN OF FIRESTONE, COUNTY OF WELD, STATE OF COLORADO, TOGETHER WITH THE FOLLOWING UNPLATTED PARCEL OF LAND:

SITUATED IN THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, TOWN OF FIRESTONE, COUNTY OF WELD, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 36, WHENCE THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 36 BEARS NORTH 88°30'51" EAST, A DISTANCE OF 2,634.08 FEET WITH ALL BEARINGS REFERENCED HEREIN RELATIVE THERETO.

THENCE ALONG THE WEST LINE OF THE NORTH HALF OF THE NORTHEAST QUARTER OF SAID SECTION 36, SOUTH 00°19'03" EAST, A DISTANCE OF 55.00 FEET TO THE SOUTHERLY RIGHT-OF-WAY OF RONALD REAGAN BOULEVARD AND THE **POINT OF BEGINNING**;

THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT-OF-WAY, NORTH 88°30'51" EAST, A DISTANCE OF 1816.61 FEET TO THE WESTERLY RIGHT-OF-WAY OF COLORADO BOULEVARD (COUNTY ROAD 13);

THENCE DEPARTING SAID SOUTHERLY RIGHT-OF-WAY, ALONG SAID WESTERLY RIGHT-OF-WAY SOUTH 00°14'19" EAST, A DISTANCE OF 1270.57 FEET TO THE SOUTH LINE OF NORTH HALF OF THE NORTHEAST QUARTER OF SAID SECTION 36;

THENCE ALONG SAID SOUTH LINE, SOUTH 88°29'41" WEST, A DISTANCE OF 2602.26 FEET TO THE EAST LINE OF THE NORTH HALF OF THE NORTHEAST QUARTER OF SAID SECTION 36;

THENCE ALONG SAID EAST LINE, NORTH 00°19'03" WEST, A DISTANCE OF 1271.41 FEET TO THE **POINT OF BEGINNING**;

BOTH PARCELS CONTAINING A COMBINED AREA OF 82.578 ACRES (3,597.097 SQUARE FEET), MORE OR LESS.

BASIS OF BEARINGS:

BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST CORNER OF SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, ASSUMED TO BEAR NORTH 88°30'51" EAST, 2634.08 FEET AND MONUMENTED AS SHOWN HEREON.

BENCHMARK DESCRIPTION

3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE.

ELEVATION = 4953.57 NAVD88.

BAREFOOT LAKES FILING NO. 6

PRELIMINARY PLAT

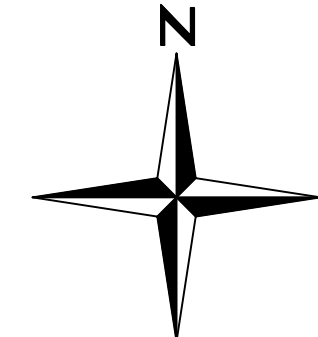
SHEET

C1.0

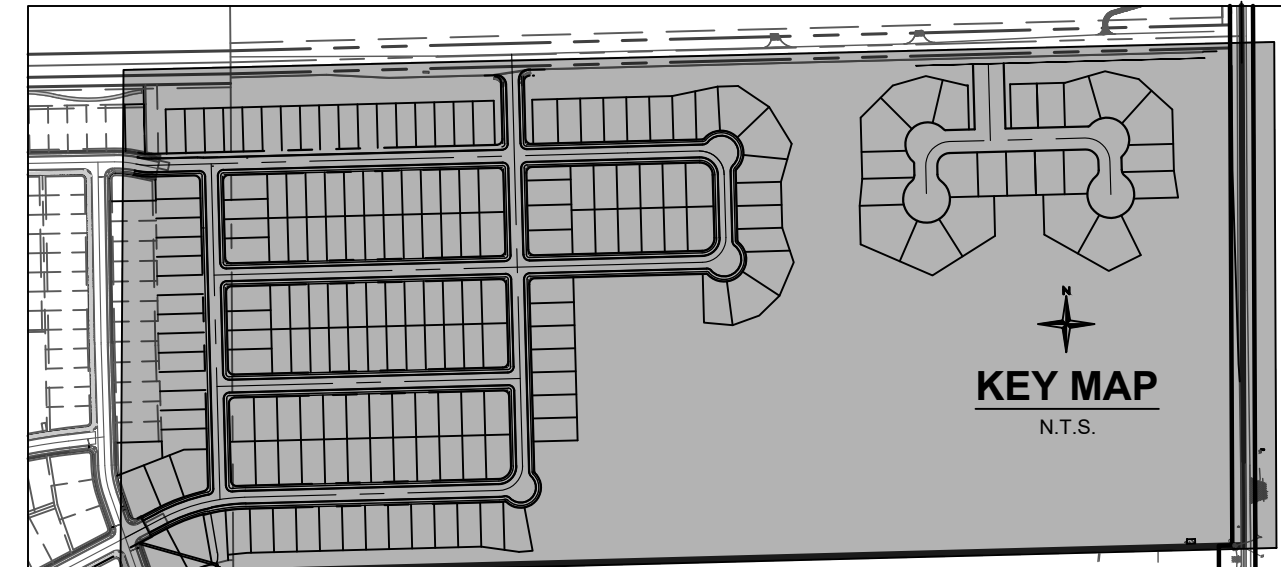
Redland
WHERE GREAT PLACES BEGIN

7700 283 4793 Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM

1:2024080801 - Barefoot Lakes/C4.0 SHEET 5 of 5 08/08/2021 2:25 PM Filing @ Preliminary Plat Exhibit C4.0 OVERALL PLAT EXHIBIT Jan 14, 2022 2:33pm erumney



0 50 100 200
SCALE: 1" = 100'



BENCHMARK: 3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE.
ELEVATION = 4953.57 NAVD88.

BAREFOOT LAKES FILING NO. 6

PRELIMINARY PLAT

SHEET

C4.0

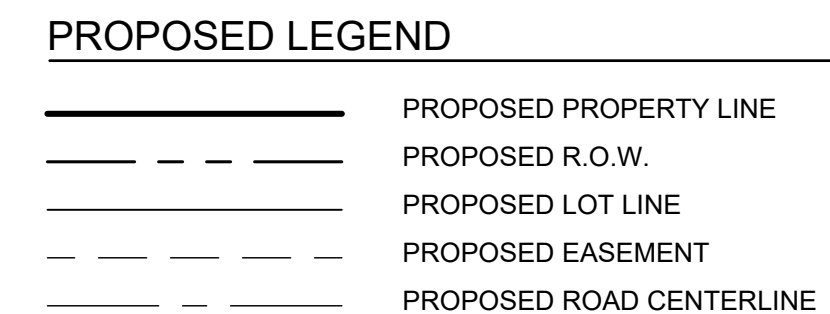
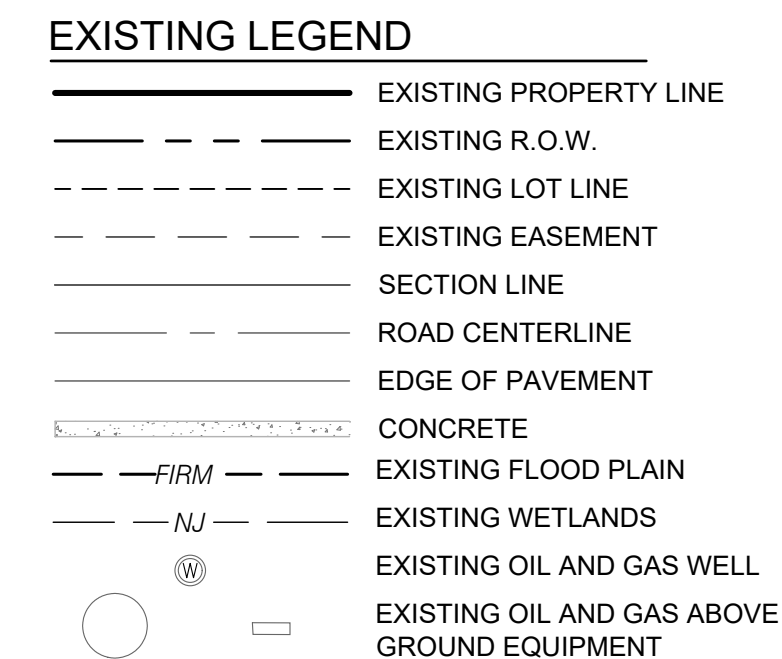
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10/22/2021	2				
01/14/2022	3				

DRAWN	JL	CHECKED	EBR	APPROVED	EBR
PROJECT NO.	08007.25	HORIZ. SCALE	1" = 100'	VERT. SCALE	NA



Redland
WHERE GREAT PLACES BEGIN

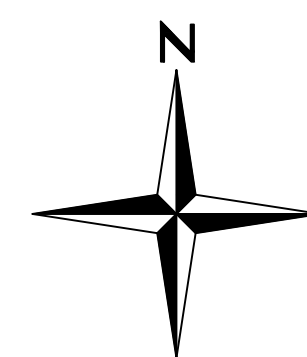
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1500 West Canal Court
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DATE	NO.	NOTES	DRAWN	JL
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10/22/2021	2ND SUBMITTAL		APPROVED	EBR
01/14/2022	3RD SUBMITTAL		PROJECT NO.	08007.25
			HORIZ SCALE	1" = 50'
			VERT SCALE	NA



Know what's **below**.
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0 25 50 100

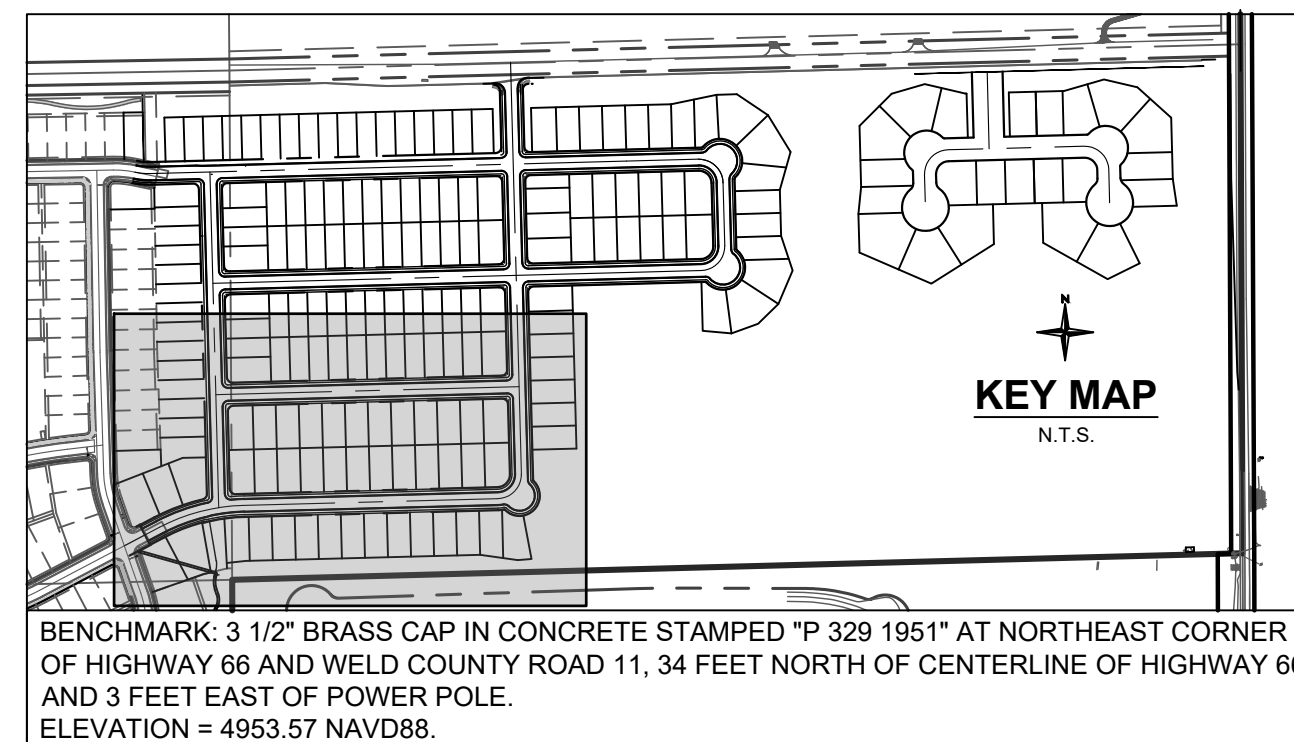
SCALE: 1" = 50'

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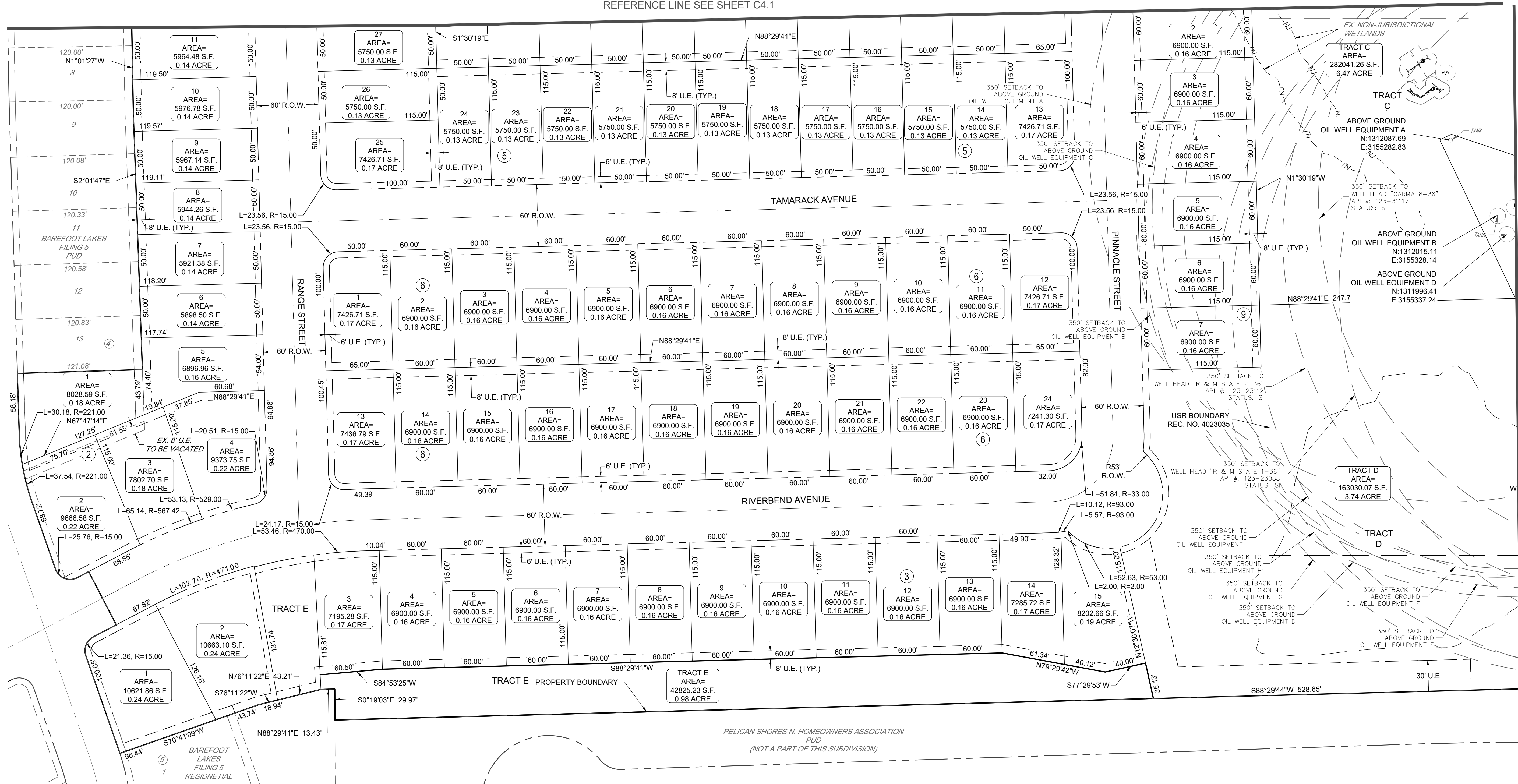
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- EXISTING R.O.W.
- EXISTING LOT LINE
- EXISTING EASEMENT
- SECTION LINE
- ROAD CENTERLINE
- EDGE OF PAVEMENT
- CONCRETE
- EXISTING FLOOD PLAIN
- EXISTING WETLANDS
- EXISTING OIL AND GAS WELL
- EXISTING OIL AND GAS ABOVE GROUND EQUIPMENT

PROPOSED LEGEND

- PROPOSED PROPERTY LINE
- PROPOSED R.O.W.
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- PROPOSED ROAD CENTERLINE



REFERENCE LINE SEE SHEET C4.1



REFERENCE LINE SEE SHEET C4.5

BAREFOOT LAKES FILING NO. 6

PRELIMINARY PLAT

SHEET

C4.2

DATE	NO.	NOTES
08/09/2021	1	1ST SUBMITTAL
10/22/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

DRAWN	CHECKED	EBR	APPROVED	EBR	PROJECT NO.	08007.25	HORIZ. SCALE	1" = 50'	VERT. SCALE	NA
JL										

DATE	NO.	NOTES
08/09/2021	1	1ST SUBMITTAL
10/22/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

SHEET

C4.2

BAREFOOT LAKES FILING NO. 6

PRELIMINARY PLAT

SHEET

C4.2

DRAWN	CHECKED	EBR	APPROVED	EBR	PROJECT NO.	08007.25	HORIZ. SCALE	1" = 50'	VERT. SCALE	NA
JL										

DATE	NO.	NOTES
08/09/2021	1	1ST SUBMITTAL
10/22/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

DATE	NO.	NOTES
08/09/2021	1	1ST SUBMITTAL
10/22/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

SHEET

C4.2

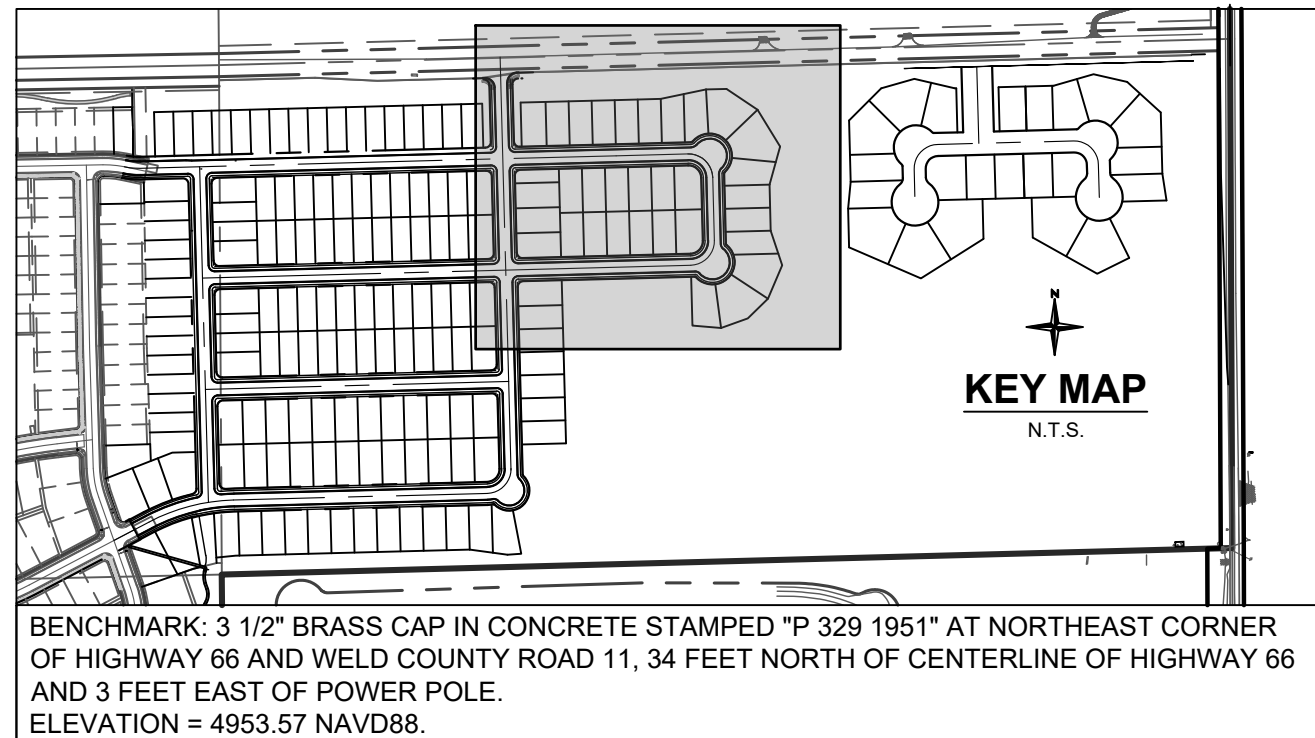
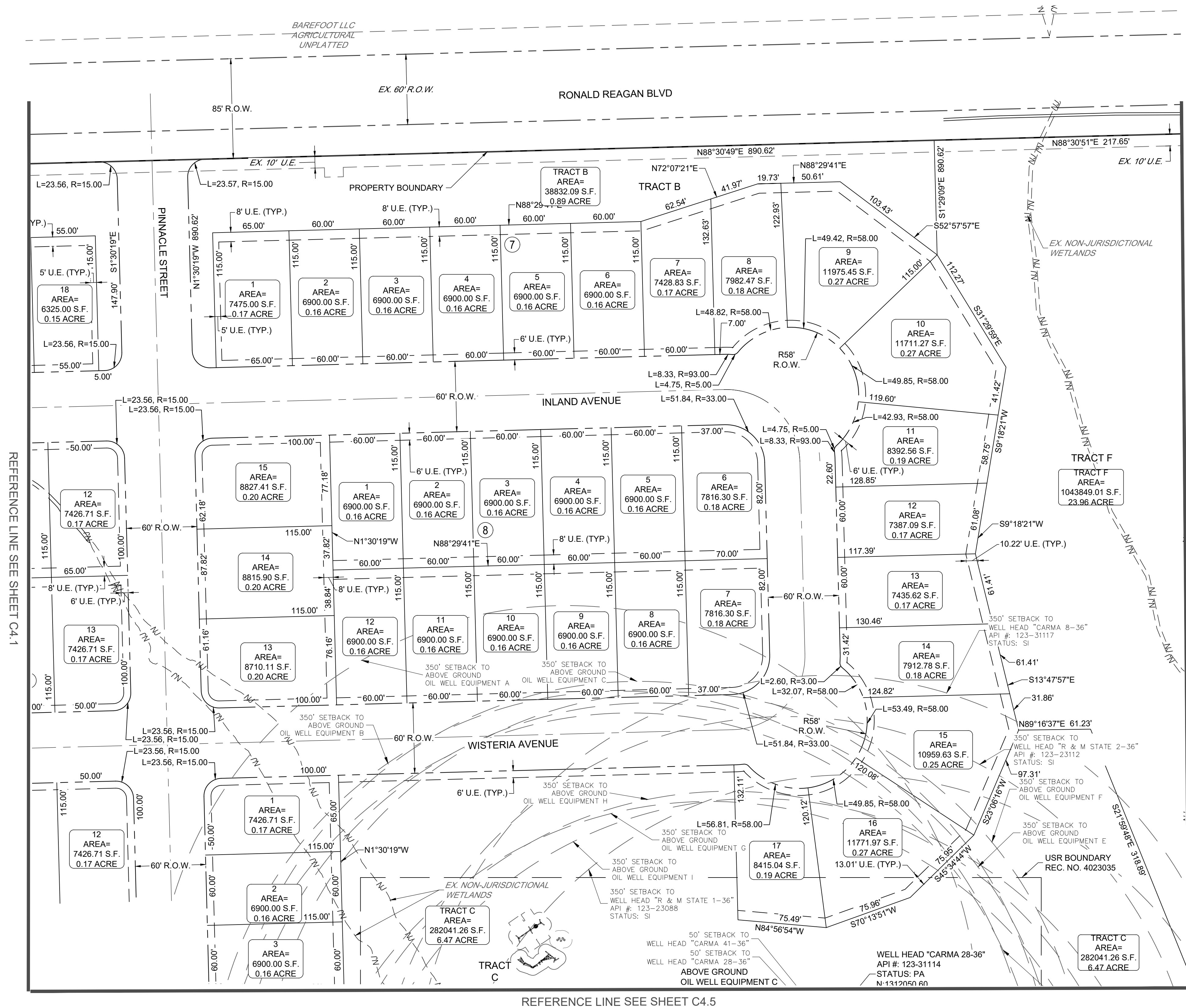
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PRELIMINARY PLAT

SHEET

C4.2

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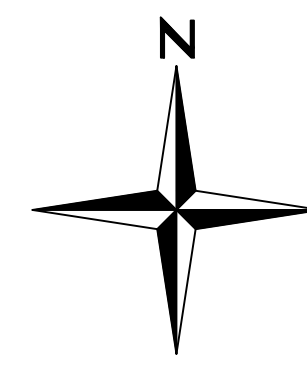


EXISTING LEGEND

- EXISTING PROPERTY LINE
- EXISTING R.O.W.
- EXISTING LOT LINE
- EXISTING EASEMENT
- SECTION LINE
- ROAD CENTERLINE
- EDGE OF PAVEMENT
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- EXISTING FLOOD PLAIN
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PROPOSED LEGEND

- PROPOSED PROPERTY LINE
- PROPOSED R.O.W.
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- PROPOSED ROAD CENTERLINE



BAREFOOT LAKES FILING NO. 6

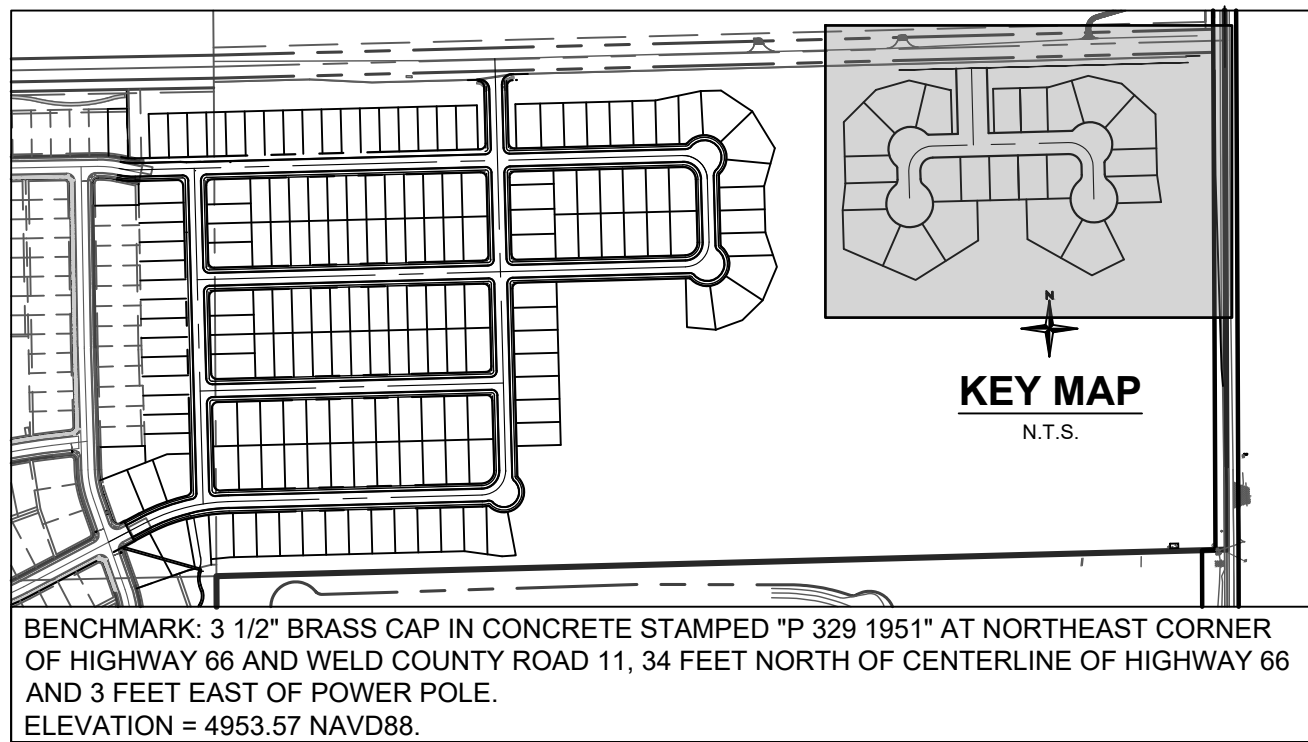
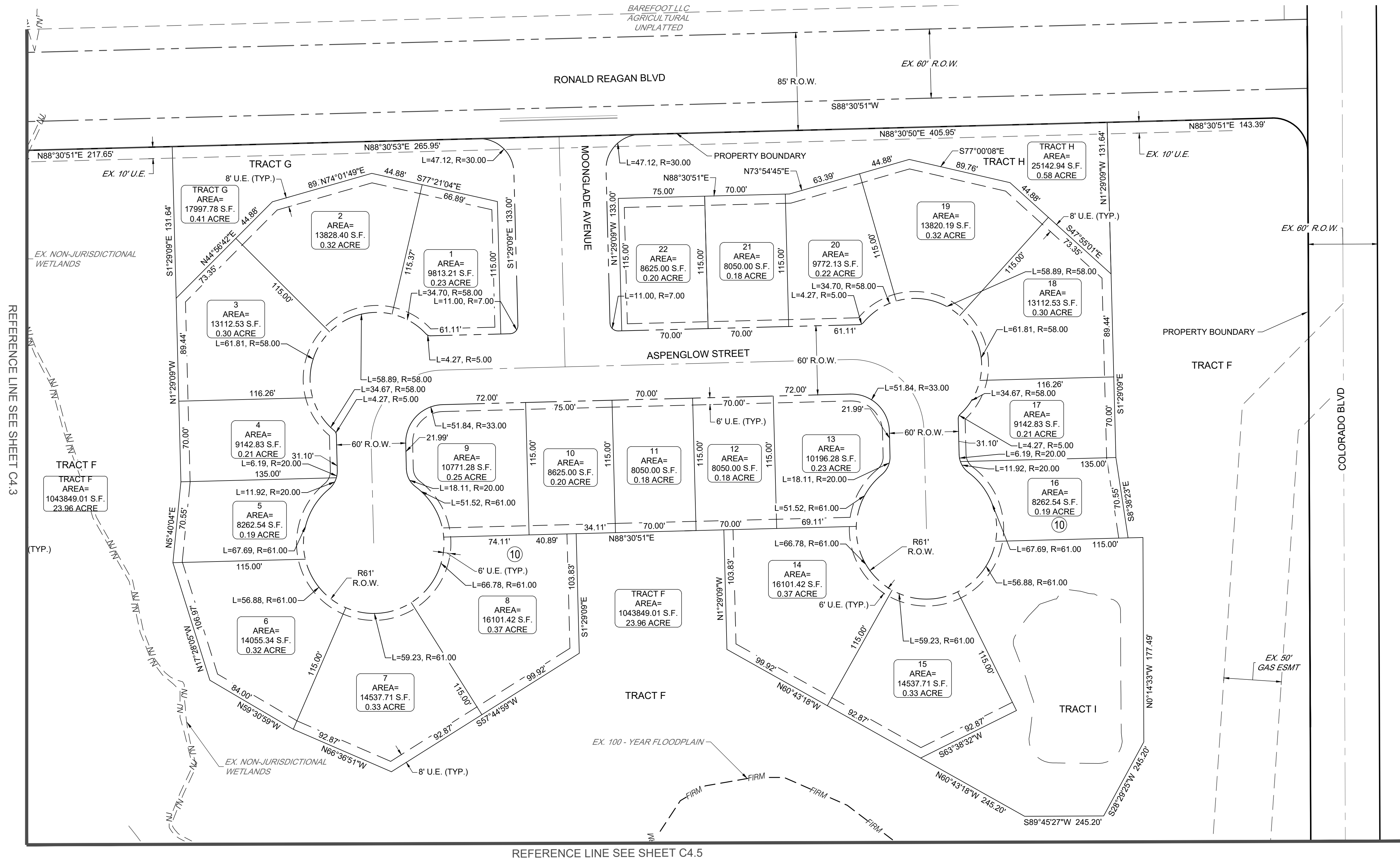
PRELIMINARY PLAT

SHEET

C4.3

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1:2020/08/01 - Barefoot Lakes/CaddSheet/Sheet/08001.25 BPL Filing @Preliminary Plat Exhibits/C4.0 OVERALL UTILITY PLAN.dwg tab: C4.4 OVERALL PLAT EXHIBIT Jan 14, 2022 - 2:34pm erumny



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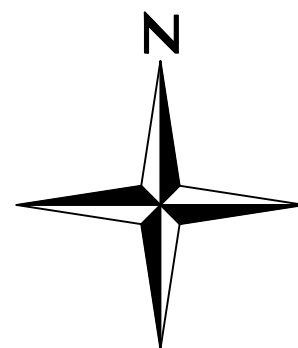
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PROPOSED LEGEND

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- PROPOSED R.O.W.
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- PROPOSED EASEMENT
- PROPOSED ROAD CENTERLINE



Know what's below.
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0 25 50 100
SCALE: 1" = 50'

BAREFOOT LAKES FILING NO. 6

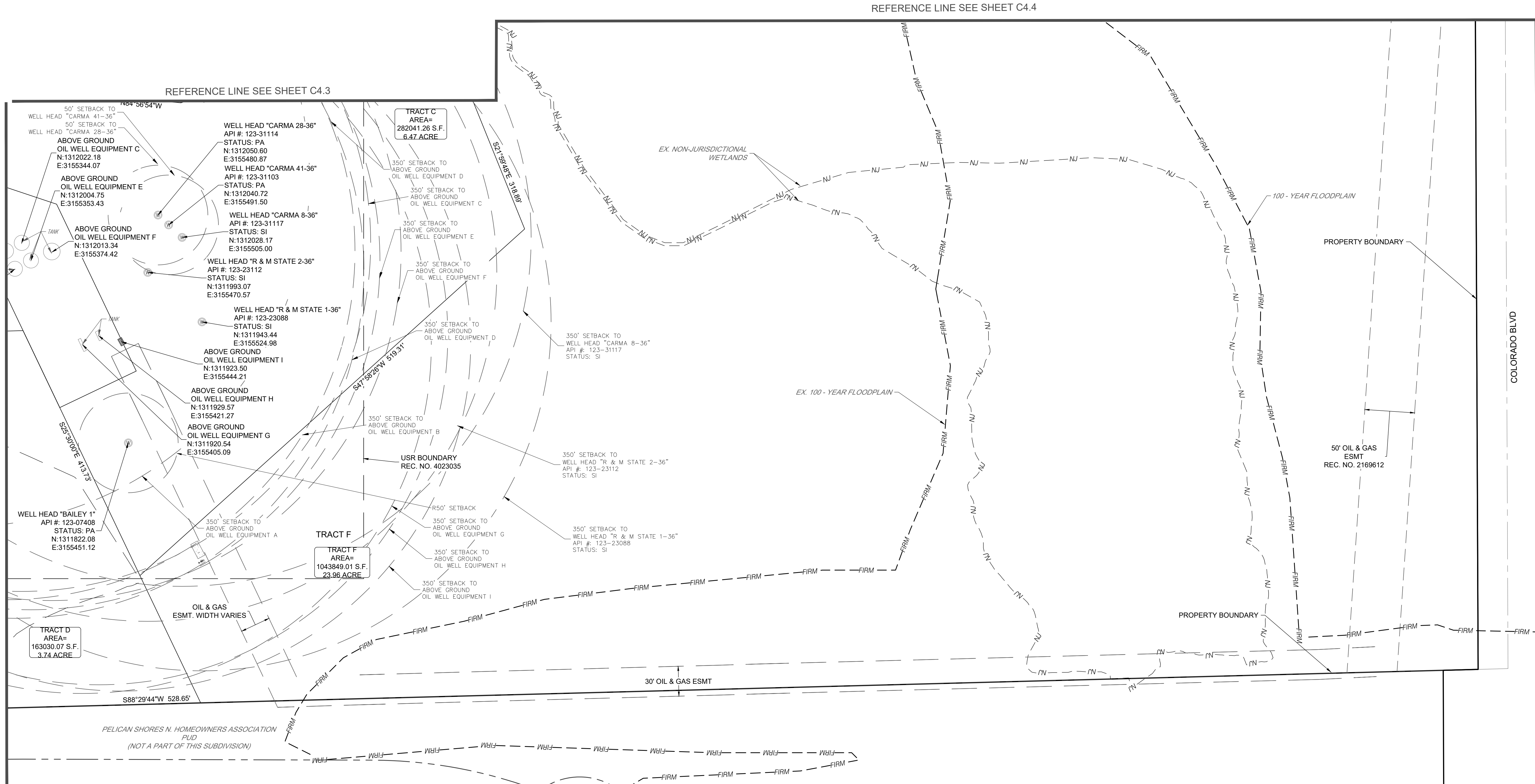
PRELIMINARY PLAT

C4.4

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1:2020/08/01 - Barefoot Lakes/CaddSheet/08001.25 BFL Filing @Preliminary Plat Exhibit/C4.0 OVERALL UTILITY PLAN.dwg tab: C4.5 OVERALL PLAT EXHIBIT Jan 14, 2022 - 2:34pm erumney

REFERENCE LINE SEE SHEET C4.2



EXISTING LEGEND

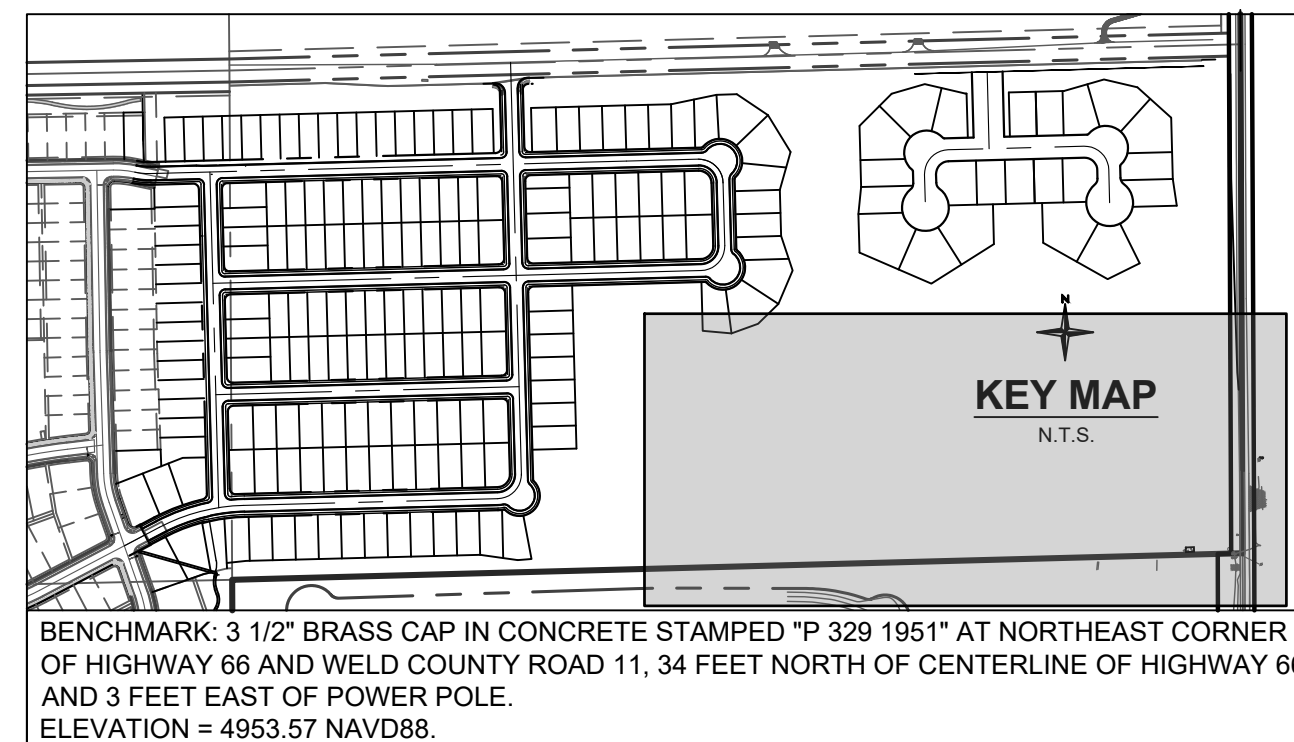
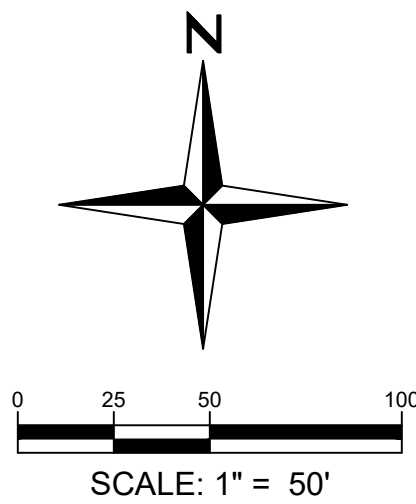
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Know what's below.
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BENCHMARK: 3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE.
ELEVATION = 4953.57 NAVD88.

BAREFOOT LAKES FILING NO. 6

PRELIMINARY PLAT

SHEET

C4.5

DATE		NO.		NOTES	
08/09/2021	1	1ST SUBMITTAL		DRAWN	JL
	2	2ND SUBMITTAL		CHECKED	EBR
	3	3RD SUBMITTAL		APPROVED	EBR
01/14/2022				PROJECT NO.	08007.25
				HORIZ. SCALE	1" = 50'
				VERT. SCALE	NA



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BAREFOOT LAKES

Filing No. 6

Landscape Set

90% Construction Documents

January 21, 2022

Project Description or Supplemental Information

Barefoot Lakes is a new community on the east side of I-25 and just north of Firestone. It is bound on the south side by the St. Vrain River and the lakes alluded to in its name. This is the first of several regional parks, generally characterized by landscape and park elements on the existing peninsula jutting out into Barefoot Lakes.

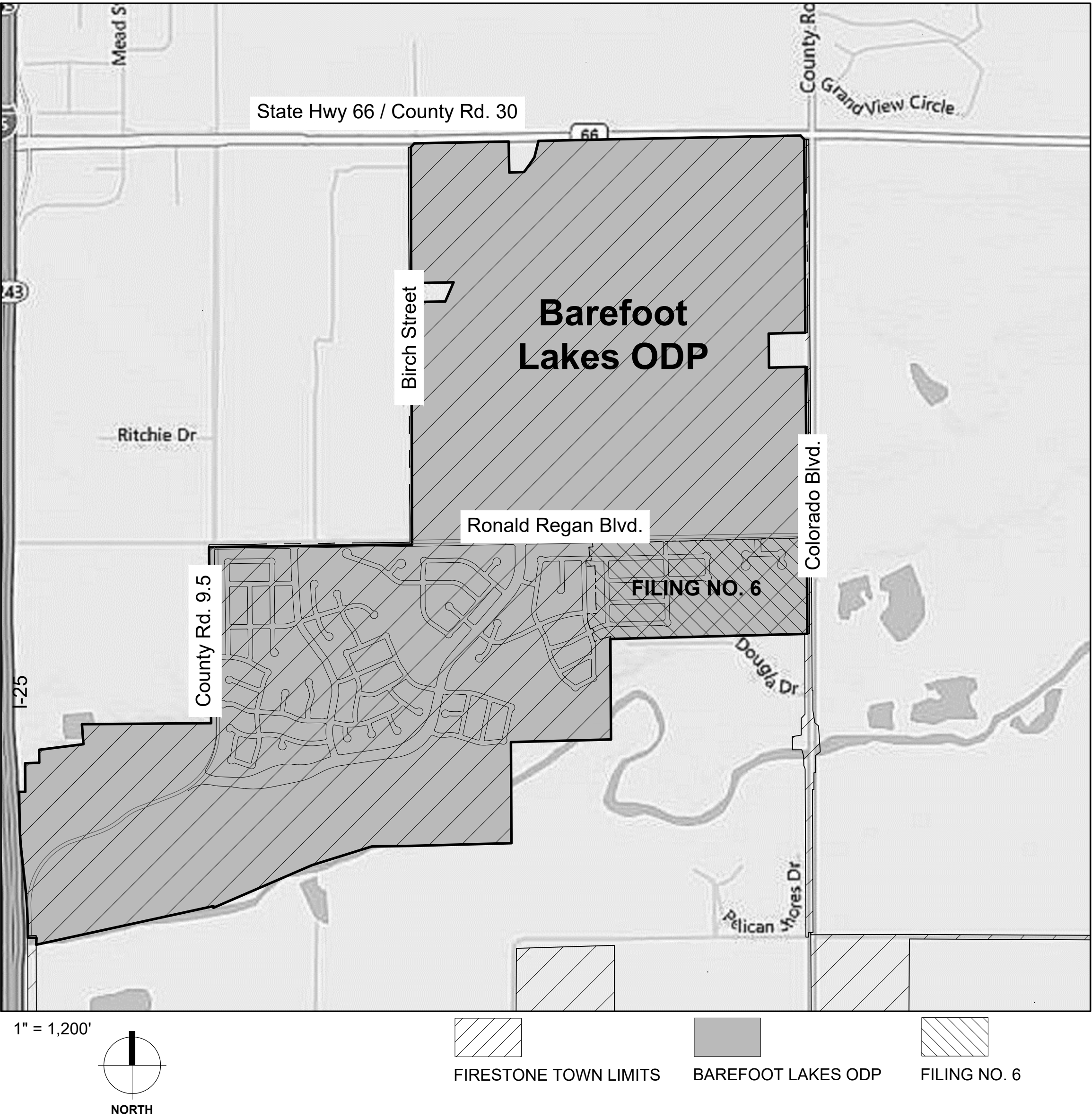
The Filing No. 6 landscape area is approximately 35 acres. The scope of work include large areas of prairie-style meadows and swaths of trees and shrubs, a park with furniture, paths and planting, monumentation and signage, fencing and irrigation.

Civil engineering drawings (not a part of this bid) include horizontal and vertical control for the roads, utilities, sidewalks and trails, as well as grading and erosion control plans. Earthwork and utilities will be performed under a separate contract. In general, it is anticipated that the rough grading will be delivered to within 2/10 of a foot, which will suffice for most areas except as noted in the fine grading plans.

The drawings and specifications are provided in one package for comprehensiveness. Bidders will have the option of bidding on any of the distinct portions of the project listed below. For convenience, we have listed pertinent drawing sections for each scope of work, but contractors are responsible for identifying the relevant specification sections, and confirming that they have the relevant drawings.

BID SCOPE:	PERTINENT DRAWINGS:
1) Landscape	GENERAL INFORMATION series (L0.x), LAYOUT AND MATERIALS series (L2.x), FINE GRADING series (L3.x), SITE DETAILS series (L5.x), PLANTING plans and details (L4.x, L5.x), and the IRRIGATION plans and details (IR1.x, IR2.x, IR3.x)
2) Fencing	GENERAL INFORMATION series (L0.x), and the FENCING plans and details (L6.x)
3) Signage and Wayfinding	GENERAL INFORMATION series (L0.x), and the SIGN plans and details (L7.x)

Location Map



Sheet Index

Sheet No.	Sheet Title	8.1.2021 - SUBMITTAL 1	10.27.2021 - SUBMITTAL 2	1.21.2022 - SUBMITTAL 3						
Landscape Drawings:										
L0-01	Landscape Cover	•	•	•						
L0-02	Landscape Gen Notes	•	•	•						
L2-01	Site Materials Plan	•	•	•						
L3-01	Site Plan Details	•	•	•						
L3-02	Site Plan Details	•	•	•						
L4-00	Overall Planting Reference Plan	•	•	•						
L4-01	Planting Plan	•	•	•	•	•	•	•	•	•
L4-02	Planting Plan	•	•	•	•	•	•	•	•	•
L4-03	Planting Plan	•	•	•	•	•	•	•	•	•
L4-04	Planting Plan	•	•	•	•	•	•	•	•	•
L4-05	Planting Plan	•	•	•	•	•	•	•	•	•
L4-06	Planting Plan	•	•	•	•	•	•	•	•	•
L4-07	Planting Plan	•	•	•	•	•	•	•	•	•
L4A-00	Planting Module Reference Plan	•	•	•						
L4A-01	Planting Modules	•	•	•						
L4A-02	Planting Modules	•	•	•						
L4A-03	Planting Modules	•	•	•						
L4A-04	Planting Modules	•	•	•						
L5-01	Planting Details	•	•	•						
L5-02	Planting Details	•	•	•						
L5-03	Planting Details	•	•	•						
L5-04	Planting Details	•	•	•						
L5-05	Planting Details	•	•	•						
L5-06	Planting Details	•	•	•						
IR	Irrigation Plans Pending Final Design/Final Plat	•	•	•						
L6-01	Fencing Plan and Standards	•	•	•						
L6-02	Fencing Details	•	•	•						
L6-03	Fencing Details	•	•	•						

SHEET LEGEND KEY:
• Indicates included sheet
○ Indicates included but revised sheet
x Indicates not included in this issuance

ST. VRAIN LAKES METRO DISTRICT 1
6465 S. Greenwood Plaza Blvd,
Suite 700
Centennial, CO 80111
Tel: (303) 790-6604
Facsimile: (303) 706-9453
Chris Bremner
Email: Christopher.Bremner@brookfieldpropertiesdevelopment.com

BAREFOOT, LLC.
6465 S. Greenwood Plaza Blvd,
Suite 700
Centennial, CO 80111
Tel: (303) 790-6593
Facsimile: (303) 706-9453
Justin Wells
Email: Justin.Wells@brookfieldpropertiesdevelopment.com

LANDSCAPE ARCHITECT:
DESIGNWORKSHOP
1390 Lawrence Street, Suite 100
Denver, CO 80204-2048
Tel: (303) 623-5186
Facsimile: (303) 623-2260
Jake Sippy
Email: jsippy@designworkshop.com

CIVIL ENGINEER:
Redland
1500 West Canal Court
Littleton, CO 80120
Tel: (720) 283-6783
Fred Tafoya
Email: ftafoya@redland.com

IRRIGATION DESIGN:
Hydrosystems KDI
860 Tabor St, Suite 200
Lakewood, CO 80401
Tel: (303) 980-5327
Jill Bersano
Email: jillb@hydrosystemskdi.com

GENERAL NOTES

1. Aztec Consultants, Inc. prepared the survey for this project. It has been reformatted for use in and for preparation of these documents. Contractor shall obtain officially signed copy from source (300 E. Mineral Ave., Suite 1, Littleton, CO 80122, 303.713.1898) and become familiar with it, the existing conditions and site context prior to construction. All discrepancies should be brought to the attention of the landscape architect for resolution immediately. Landscape architect is not responsible for errors or omissions associated with preparation or documentation of survey.
2. CTL Thompson, Inc. prepared the geotechnical investigation and report for this project. It has been referenced during preparation of these documents. Contractor shall obtain officially signed copy from source (400 North Link Lane, Fort Collins, CO 80524, 970.206.9455) and become familiar with it prior to construction. All discrepancies should be brought to the attention of the landscape architect for resolution immediately. Landscape architect is not responsible for errors or omissions associated with preparation or documentation of report.
3. Contractor is responsible for determining means and methods for construction. These drawings may indicate a limit of proposed improvements, limits of site demolition, etc. for delineation of expected extents of disturbance. However, final impact shall be determined in the field. Should limits of disturbance exceed boundaries defined in drawings, contractor shall contact landscape architect for resolution.
4. Contractor is responsible for repairing all work disturbed by construction outside of limit lines defined on drawings or through his/her means and methods to a condition better than or equal to the existing conditions prior to commencement of construction at no additional cost to the owner.
5. Contractor is responsible for maintaining a complete up-to-date set of drawings and specifications at the construction site and ensuring the documents are readily available for review by the landscape architect and governing agency.
6. The drawings and specifications are complementary to one another and implied to correspond with one another. Any discrepancies should be brought to the attention of the landscape architect for resolution immediately.

LAYOUT NOTES

1. Layout and verify dimensions prior to construction. Bring discrepancies to the attention of the Landscape Architect.
2. Written dimensions take precedence over scale. Do not scale drawings.
3. Where dimensions are called as "equal," space referenced items equally, measured consistently to their center lines or a consistent edge as shown.
4. Measurements are to face of building, wall or the fixed site improvement. Dimensions to center lines is indicated.
5. Install intersecting elements at 90 degree angles to each other unless otherwise noted.
6. Provide expansion joints where concrete flatwork meets vertical structures such as walls, curbs, steps and building elements.
7. All lighting standards shall be set back 2'-0" clear from face of curb.
8. All concrete walkways shall be 10' -0" wide unless otherwise noted.
9. Expansion joints in walkways shall be located twenty feet (40'-0") O.C. maximum.
10. All radii of walkway intersections shall be 2'-0" unless otherwise noted.
11. All steps shall have 14" treads and 6" risers (unless otherwise designated).

GRADING AND DRAINAGE

1. Refer to Civil Engineer's drawings for general grading and drainage requirements. These drawings are intended to be supplemental to those plans by providing information on detailed/fine grading, and landscape drains.
2. Existing underground utilities are shown per available records. Verify the actual location and elevation in the field prior to beginning construction of the new facilities. Protect existing utilities and be responsible for damage to utilities encountered during construction.
3. Request inspection as required 48 hours in advance of performing any work unless otherwise noted on this sheet.
4. Debris created by removal operations become the property of the Contractor and is to be legally disposed of away from the job site.
5. Notify local underground service companies for utility finds 48 hours prior to any excavation.
6. Refer to structural drawings for connections to drains over structure.
7. Do not disturb existing erosion and sediment control components.

LANDSCAPE PLANTING NOTES

1. Source of base sheets is Redland. Refer to cover sheet for contact information.
2. Refer to Civil Engineer's utility and precise grading plans for utility location and final grading. If actual site conditions vary from what is shown on the plans, contact the Landscape Architect for direction as to how to proceed.
3. Verify locations of pertinent site improvements installed under other sections. If any part of this plan cannot be followed due to site conditions, contact Landscape Architect for instructions prior to commencing work.
4. Exact locations of plant materials to be approved by the Landscape Architect in the field prior to installation. Landscape Architect reserves the right to adjust plants to exact location in field.
5. Verify plant counts and square footages: Quantities are provided as Owner information only. If quantities on plant list differ from graphic indications, then graphics shall prevail.
6. Contact the local underground utility services for utility location and identification.
7. Perform excavation in the vicinity of underground utilities with care and if necessary, by hand. The Contractor bears full responsibility for this work and disruption or damage to utilities shall be repaired immediately at no expense to the Owner.
8. Trees shall bear same relation to finished grade as it bore to existing.
9. Trees to be planted a minimum of 4 feet from face of building, or pavement, except as approved by Landscape Architect.
10. Provide matching forms and sizes for plant materials within each specie and size designated on the drawings.
11. Prune newly planted trees only as directed by Landscape Architect.
12. Align and equally space in all directions shrubs so designated per these notes and drawings.
13. Finish grades of shrub areas and lawns shall be 1 1/2 inches below adjacent paving or header. (Check mulch depth and if seeded or sodded lawns).
14. Provide specified edging as divider between planting beds and lawn areas, between planting beds and native grass areas, and between lawn areas and native grass areas.
15. Provide burlap wrapping to second branch with 50% overlap.
16. Cut and remove burlap from top 1/3 of ball.
17. Landscape Architect to review plant materials at source or by photographs prior to digging or shipping of plant materials.
18. Shrub beds shall have three to four inches of mulch on top of a layer of non-woven weed fabric.
19. Any substitute for any planting materials shall be approved prior to placement.
20. Steel edger must have rolled top.

TABLE OF ABBREVIATIONS

APPROX ARCH	APPROXIMATE ARCHITECT	MH MIN	MANHOLE MINIMUM
AVG	AVERAGE	MISC	MISCELLANEOUS
B&B	BALLED AND BURLAPPED	MTD	MOUNTED
BC	BOTTOM OF CURB	MTL	METAL
BF	BOTTOM OF FOOTING	N	NORTH
BLDG	BUILDING	NIC	NOT IN CONTRACT
BM	BENCHMARK	NO	NUMBER
BOC	BACK OF CURB	NOM	NOMINAL
BR	BOTTOM OF RAMP	NTS	NOT TO SCALE
BRG	BEARING	OC	ON CENTER
BS	BOTTOM OF STEP	OD	OUTSIDE DIAMETER
BW	BOTTOM OF WALL	OPP	OPPOSITE
CAL	CALIPER	PAR	PARALLEL
CAP	CAPACITY	PC	POINT OF CURVATURE
CF	CUBIC FEET	PE	POLYURETHANE
CHAM	CHAMFER	PERF	PERFORATED
CIP	CAST IN PLACE	PESTR	PEDESTRIAN
CJ	CONTROL JOINT	PI	POINT OF INTERSECTION
CL	CENTER LINE	PL	PROPERTY LINE
CLR	CLEARANCE	PT	POINT, POINT OF TANGENCY
CM	CENTIMETER	PVC	POLYVINYL CHLORIDE
CO	CLEAN OUT	PVMT	PAVEMENT
COMP	COMPACTED	PVR	PAVER
CONC	CONCRETE	QTY	QUANTITY
CONST	CONSTRUCTION	R	RADIUS
CONT	CONTINUOUS	RECEP	RECEPTACLE
CONTR	CONTRACTOR	REF	REFERENCE
CU	CUBIC	REINF	REINFORCE(D)
CYL	CUBIC YARD	REM	REMOVE
DBL	DOUBLE	REQD	REQUIRED
DF	DIRECTION OF FLOW	REV	REVISION, REVISED
DEG	DEGREE	ROW	RIGHT OF WAY
DEMO	DEMOLISH, DEMOLITION	RT	RIGHT
DIA	DIAMETER	S	SOUTH
DIM	DIMENSION	SAN	SANITARY
DTL	DETAIL	SCH	SCHEDULE
DWG	DRAWING	SD	STORM DRAIN
E	EAST	SEC	SECTION
EA	EACH	SF	SQUARE FOOT (FEET)
EJ	EXPANSION JOINT	SHT	SHEET
EL	ELEVATION	SI	STORM INLET
ELEC	ELECTRICAL	SIM	SIMILAR
ENG	ENGINEER	SNT	SEALANT
EQ	EQUAL	SPECS	SPECIFICATIONS
EQUIP	EQUIPMENT	SQ	SQUARE
EST	ESTIMATE	STW	STORM SEWER
E.W.	EACH WAY	SY	SQUARE YARD
EXIST	EXISTING	STA	STATION
EXP	EXPANSION, EXPOSED	STD	STANDARD
FF	FINISHED FLOOR ELEVATION	STL	STEEL
FG	FINISHED GRADE	STR	STRUCTURAL
FIN	FINISH	SYM	SYMMETRICAL
FL	FLOW LINE	T&B	TOP AND BOTTOM
FOC	FACE OF CURB	TBC	TOP OF BACK CURB
FT	FOOT (FEET)	TC	TOP OF CURB
FTG	FOOTING	TF	TOP OF FOOTING
GA	GAUGE	THK	THICK
GAL	GALVANIZED	TOC	TOP OF CONCRETE
GC	GENERAL CONTRACT(OR)	TOPO	TOPOGRAPHY
GEN	GENERAL	TSL	TOP OF SLAB
HORIZ	HORIZONTAL	TRAS	TRANSFORMER
HP	HIGH POINT	TR	TOP OF RAMP
HT	HEIGHT	TS	TOP OF STEP
ID	INSIDE DIAMETER	TW	TOP OF WALL
IN	INCH	TYP	TYPICAL
IN	INCH(ES)	VAR	VARIES
INCL	INCLUDE(D)	VERT	VERTICAL
INL	INLET	VEH	VEHICLE
IRR	IRRIGATION	VOL	VOLUME
JT	JOINT	W/O	WITHOUT
LIN	LINEAR	WT	WEIGHT
LF	LINEAR FEET	WL	WEIR LEVEL
LP	LOW POINT	WWF	WELDED WIRE FABRIC
LT	LIGHT	YD	YARD
MATL	MATERIAL	@	AT
MAX	MAXIMUM		
MEMB	MEMBRANE		

MATERIALS LEGEND

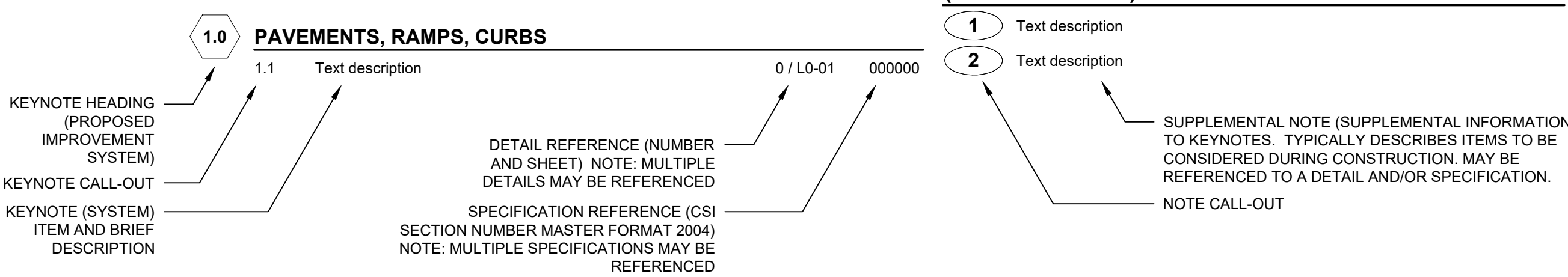
	Concrete
	Crushed Aggregate - Crusher Fines
	Mulch
	Curb
	Edger

	Water Meter
	Pet Waste Station

PLANTING LEGEND

	USM6		TFF		WATER METER
	UFM10		SMM		SIGHT TRIANGLE
	UWM13		GME		
	USPM2				

SITE KEYNOTES:



SITE KEYNOTES:

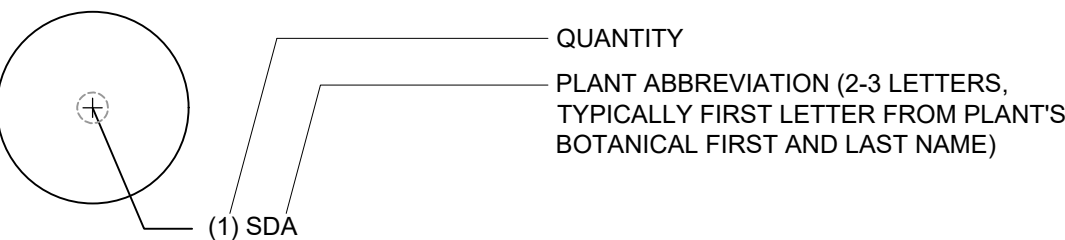
		DETAIL / SHEET
1.0	PAVEMENTS, RAMPS, CURBS	
1.1	Concrete Paving	1 / L3-01
1.2	Crushed Stone Aggregate	2 / L3-01
1.3	Playground Curb	6 / L3-01
1.4	Engineered Wood Fiber	8 / L3-01
1.5	Playground Ramp	11 / L3-01
2.0	JOINTING	
2.1	Control Joint	3 / L3-01
2.2	Expansion Joint	4 / L3-01
2.3	Cold Joint	5 / L3-01
3.0	STEPS	
	Not Used At This Time	
4.0	SITE WALLS/ EMBANKMENTS	
	Not Used At This Time	
5.0	SITE FURNITURE	
5.1	Picnic Table	1 / L3-02
5.2	Backed Bench	3 / L3-02
5.3	Trash Receptacle	2 / L3-02
5.4	Pet Waste Station	7 / L3-01
5.5	Solar Panel and Battery	4 / L3-02
6.0	RAILINGS, BARRIERS, FENCING	
	Not Used At This Time	
7.0	SITE LIGHTING	
	Not Used At This Time	
8.0	DRAINAGE	
8.1	Drain Pipe	9 / L3-01
8.2	Subsurface Drain at Engineered Wood Fiber	8 / L3-01
8.3	Drain Cleanout	10 / L3-01
9.0	PLANTING AND LANDSCAPE	
	Refer to Tree Planting and Shrub and Groundcover Series Drawings	

9.0	PLANTING AND LANDSCAPE	
9.1	Deciduous Tree	1 / L5-01
9.2	Deciduous Tree on slope	2 / L5-01
9.3	Evergreen Tree	1 / L5-02
9.4	Evergreen Tree on slope	2 / L5-02
9.5	Ornamental Tree Type 1	1 / L5-03
9.6	Ornamental Tree on slope	2 / L5-03
9.7	Deciduous Tree Guy Wire	3 / L5-03
9.8	Shrub Type 1	1 / L5-04
9.9	Shrub Type 2 (slope)	3 / L5-02
9.10	Perennials and Groundcover	3 / L5-04
9.11	Turf	4 / L5-04
9.12	Steel Edging	5 / L5-04
9.13	Mulch	6 / L5-04

LANDSCAPE PLANTING SCHEDULE

Abb	Scientific Name	Common Name	Size	Spacing	Detail
TREES					
AFA	<i>Acer x freemanii 'Autumn Blaze'</i>	Autumn Blaze Maple	3" CAL.	PER PLANS	9.1; 9.2
ANS	<i>Acer Negundo 'Sensation'</i>	Boxelder Sensation	2" CAL.	PER PLANS	9.1; 9.2
CAT	<i>Catalpa speciosa</i>	Catalpa	3" CAL.	PER PLANS	9.1; 9.2
JUS	<i>Juniperus scopulorum 'Woodward'</i>	Woodward Rocky Mountain Juniper	10' HT.	PER PLANS	9.3; 9.4
PNI-1	<i>Pinus negra</i>	Austrian Pine	8' HT.	PER PLANS	9.3; 9.4
PNI-2	<i>Pinus negra</i>	Austrian Pine	7' HT.	PER PLANS	9.3; 9.4
PPA	<i>Populus x acuminata</i>	Lanceleaf Cottonwood	3" CAL.	PER PLANS	9.1; 9.2
PPC	<i>Pinus pungens</i>	Colorado Blue Spruce	8' HT.	PER PLANS	9.3; 9.4
PPN	<i>Populus angustifolia</i>	Narrowleaf Cottonwood	3" CAL.	PER PLANS	9.1; 9.2
PPP	<i>Pinus ponderosa</i>	Ponderosa Pine	20' HT.	PER PLANS	9.3; 9.4
PYC	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Pear	6" CAL.	PER PLANS	9.1; 9.5
QUM-1	<i>Quercus macrocarpa</i>	Bur Oak	3" CAL.	PER PLANS	9.1; 9.2
QUM-2	<i>Quercus macrocarpa</i>	Bur Oak	6" CAL.	PER PLANS	9.1; 9.2
USM6 - UNDERSTORY SUMMER MIX					
ART	<i>Artemisia tridentata</i>	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.10
ERN	<i>Ericameria nauseosa ssp. var. speciosa</i>	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Blue Fortune Hyssop</i>	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum 'Alaska'</i>	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
UFM10 - UNDERSTORY FALL MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Blonde Ambition Grama Grass</i>	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Agastache 'Blue Fortune'</i>	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.10
AGL	<i>Globemaster Allium</i>	Allium	1 GAL.	MIN 18" MAX 96"	9.10
UFM10		SMM Grass Mix			
UWM13 - UNDERSTORY WINTER MIX					
RHT	<i>Rhus triboata</i>	Sumac	6 GAL.	MIN 18" MAX 96"	9.10
YUG	<i>Yucca glauca</i>	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
USPM2 - UNDERSTORY SPRING MIX					
ERN	<i>Ericameria nauseosa ssp. var. speciosa</i>	Rubber Rabbitbursh	5 GAL.	MIN 18" MAX 96"	9.10
PEA	<i>Perovskia atriplicifolia</i>	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Bouteloua gracilis 'Blonde Ambition'</i>	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum 'Alaska'</i>	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
SEED MIXES					
SMM	Shortgrass Meadow Mix (Includes: Western Wheat Grass, Blue Gramma, Sideoats Gramma, Green needlegrass, Buffalo Grass, Thick Spike Wheat Grass, Switchgrass, Hard Fescue, Sheep Fescue, Chewing Fescue, Creeping Red Fescue)	Shortgrass Meadow Mix	Seed	REF SPEC	
GME	Erosion Control Mix (Includes: Western Wheat Grass, Sideoats Grama Grass, Annual Rye Grass)	Erosion Control Mix	Seed	REF SPEC	
TFF	Turf Grass Mix (Kentucky Blue Grass, Perennial Rye Grass, Creeping Red Fescue)	Turf Lawn Mix	Seed	REF SPEC	

PLANT IDENTIFICATION KEY:



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Facsimile (303) 623-2260

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BAREFOOT LAKES - FILING NO. 6

CONSTRUCTION DOCUMENTS

TOWN OF FIRESTONE
WELD COUNTY
STATE OF COLORADO

NOT FOR
CONSTRUCTION

ISSUE DATE: 8.1.2021

1	10.27.2021	Prelim. Plat Submittal Rev. 1
2	1.21.2022	Prelim. Plat Submittal Rev. 2

DRAWN: AN REVIEWED: JS

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CONSTRUCTION
DOCUMENTS

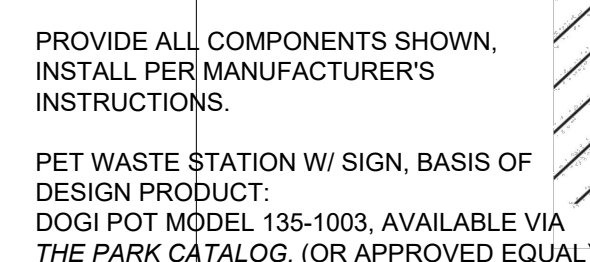
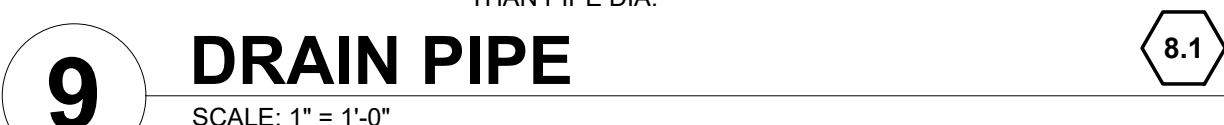
PROJECT NUMBER: 5311

GENERAL
NOTES

SHEET NUMBER

L0-02

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SITE KEYNOTES:		DETAIL / SHEET
1.0	PAVEMENTS, RAMPS, CURBS	
1.1	Concrete Paving	1 / L3-01
1.2	Crushed Stone Aggregate	2 / L3-01
1.3	Playground Curb	6 / L3-01
1.4	Engineered Wood Fiber	8 / L3-01
1.5	Playground Ramp	11 / L3-01
2.0	JOINTING	
2.1	Control Joint	3 / L3-01
2.2	Expansion Joint	4 / L3-01
2.3	Cold Joint	5 / L3-01
3.0	STEPS	
	Not Used At This Time	
4.0	SITE WALLS / EMBANKMENTS	
	Not Used At This Time	
5.0	SITE FURNITURE	
5.1	Picnic Table	1 / L3-02
5.2	Backed Bench	3 / L3-02
5.3	Trash Receptacle	2 / L3-02
5.4	Pet Waste Station	7 / L3-01
5.5	Solar Panel and Battery	4 / L3-02
6.0	RAILINGS, BARRIERS, FENCING	
	Not Used At This Time	
7.0	SITE LIGHTING	
	Not Used At This Time	
8.0	DRAINAGE	
8.1	Drain Pipe	9 / L3-01
8.2	Subsurface Drain at Engineered Wood Fiber	8 / L3-01
8.3	Drain Cleanout	10 / L3-01
9.0	PLANTING AND LANDSCAPE	
	Refer to Tree Planting and Shrub and Groundcover Series Drawings	

BAREFOOT LAKES - FILING NO. 6
CONSTRUCTION DOCUMENTS

TOWN OF FIRESTONE
WELD COUNTY
STATE OF COLORADO

**NOT FOR
CONSTRUCTION**

ISSUE DATE: 8.1.2021

REVISIONS		
<u>1</u>	<u>10.27.2021</u>	<u>Prelim. Plat Submittal Rev. 1</u>
<u>2</u>	<u>1.21.2022</u>	<u>Prelim. Plat Submittal Rev. 2</u>

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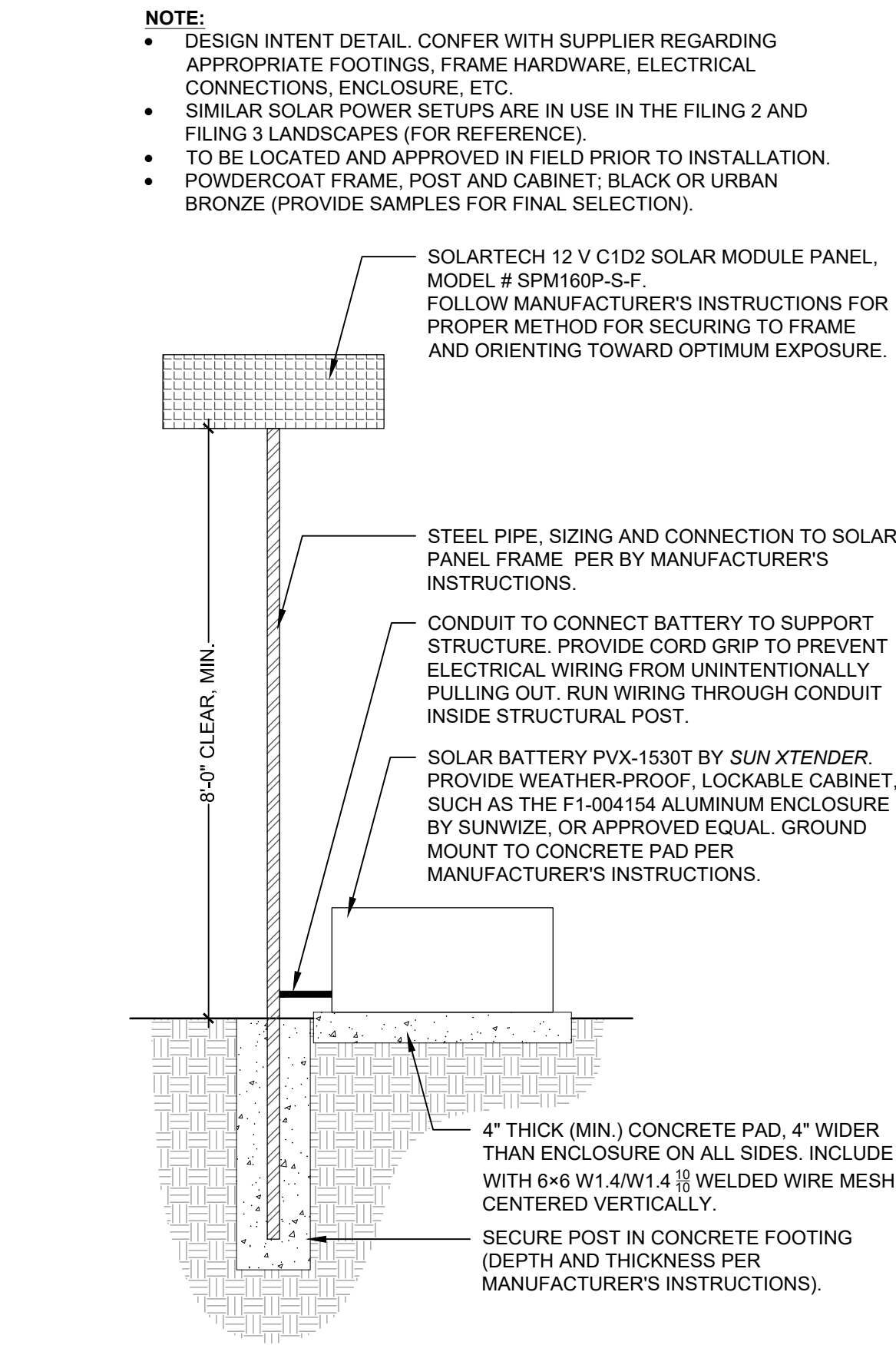
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PROJECT NUMBER: 5311

SITE DETAILS

SHEET NUMBER

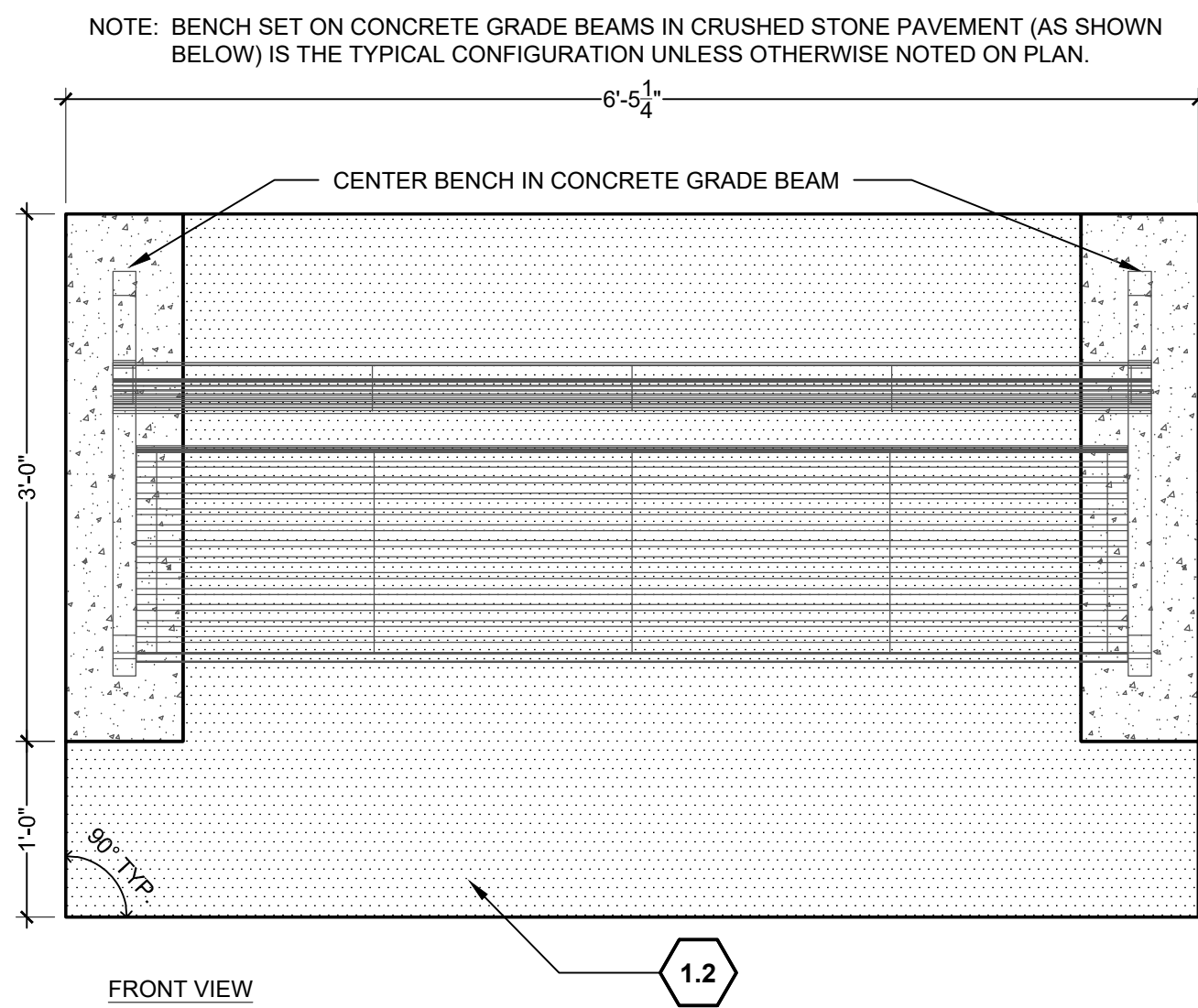
L3-01



SCALE: 3/4" = 1'-0"



SCALE: 1" = 1'-0"



SCALE: 1" = 1'-0"

DETAIL /
SHEET

1.0	<u>PAVEMENTS, RAMPS, CURBS</u>	
1.1	Concrete Paving	1 / L3-01
1.2	Crushed Stone Aggregate	2 / L3-01
1.3	Playground Curb	6 / L3-01
1.4	Engineered Wood Fiber	8 / L3-01
1.5	Playground Ramp	11 / L3-01
2.0	<u>JOINTING</u>	
2.1	Control Joint	3 / L3-01
2.2	Expansion Joint	4 / L3-01
2.3	Cold Joint	5 / L3-01
3.0	<u>STEPS</u>	
Not Used At This Time		
4.0	<u>SITE WALLS/ EMBANKMENTS</u>	
Not Used At This Time		
5.0	<u>SITE FURNITURE</u>	
5.1	Picnic Table	1 / L3-02
5.2	Backed Bench	3 / L3-02
5.3	Trash Receptacle	2 / L3-02
5.4	Pet Waste Station	7 / L3-01
5.5	Solar Panel and Battery	4 / L3-02
6.0	<u>RAILINGS, BARRIERS, FENCING</u>	
Not Used At This Time		
7.0	<u>SITE LIGHTING</u>	
Not Used At This Time		
8.0	<u>DRAINAGE</u>	
8.1	Drain Pipe	9 / L3-01
8.2	Subsurface Drain at Engineered Wood Fiber	8 / L3-01
8.3	Drain Cleanout	10 / L3-01
9.0	<u>PLANTING AND LANDSCAPE</u>	
Refer to Tree Planting and Shrub and Groundcover Series Drawings		

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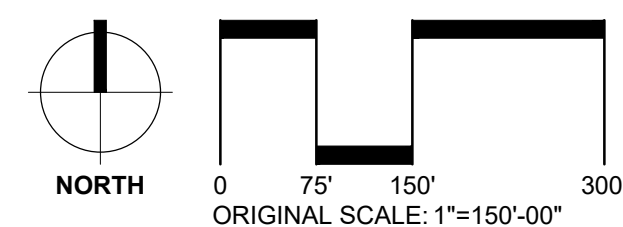
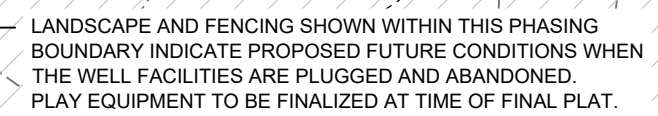
**TOWN OF FIRESTONE
WELD COUNTY
STATE OF COLORADO**

DRAWN: AN REVIEWED: JS

PROJECT NUMBER: 5311

SHEET NUMBER

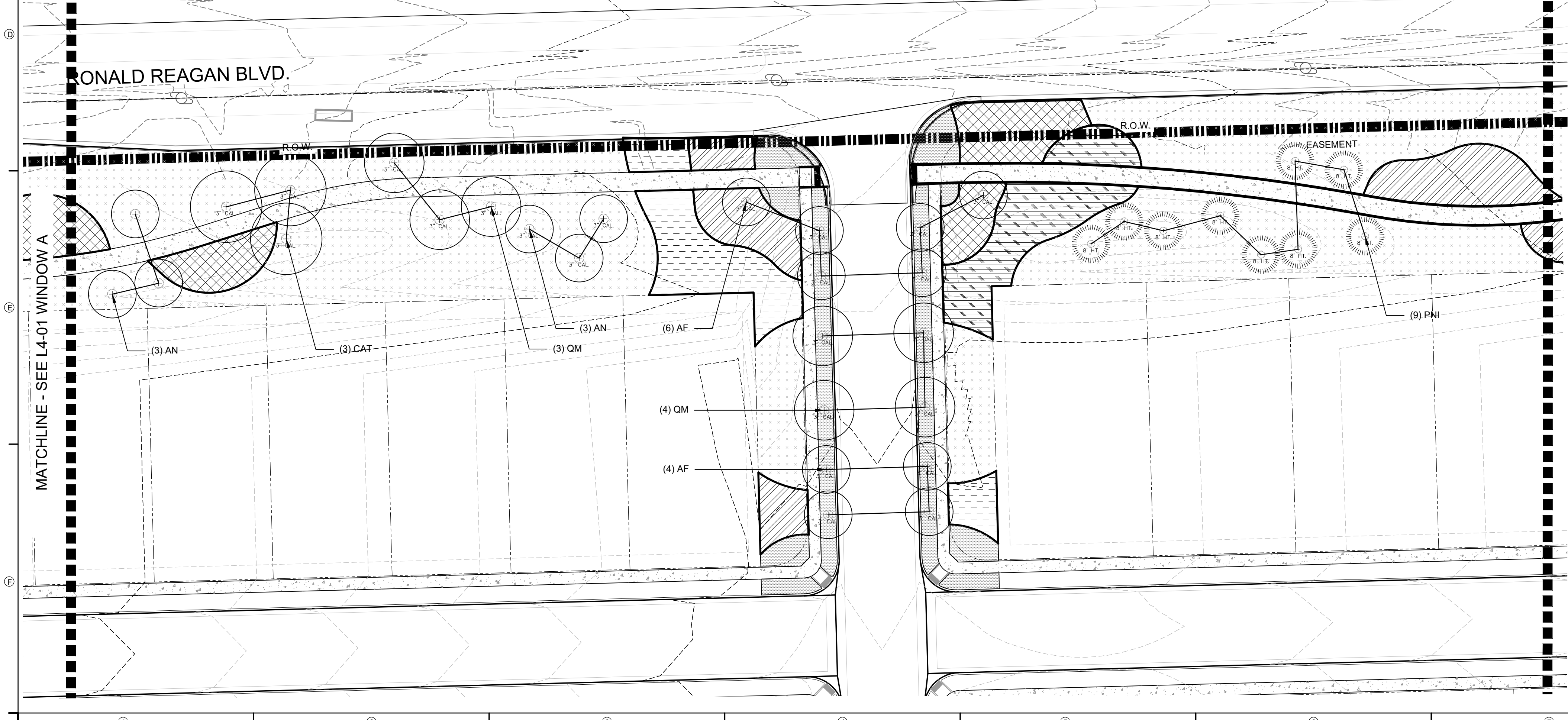
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WINDOW A



WINDOW B



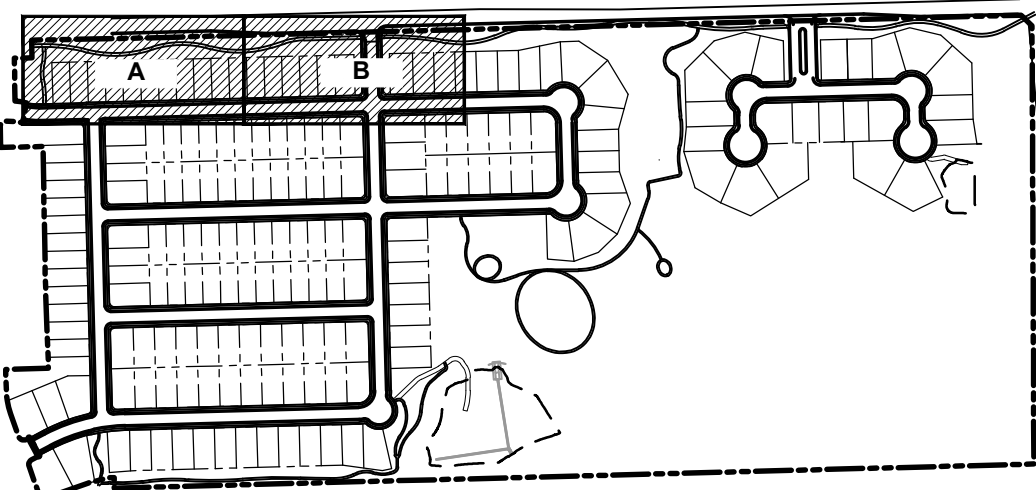
SITE KEYNOTES:

9.0	PLANTING AND LANDSCAPE	DETAIL / SHEET	RELATED DETAILS
9.1	Deciduous Tree	1 / L5-01	
9.2	Deciduous Tree on slope	2 / L5-01	
9.3	Evergreen Tree	1 / L5-02	
9.4	Evergreen Tree on slope	2 / L5-02	
9.5	Ornamental Tree Type 1	1 / L5-03	
9.6	Ornamental Tree on slope	2 / L5-03	
9.7	Deciduous Tree Guy Wire	3 / L5-03	
9.8	Shrub Type 1	1 / L5-04	3 / L5-02
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02
9.11	Turf	4 / L5-04	
9.12	Steel Edging	5 / L5-04	
9.13	Mulch	6 / L5-04	

Abb	Scientific Name	Common Name	Size	Spacing	Detail
TREES					
AFA	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	3" CAL	PER PLANS	9.1; 9.2
ANS	<i>Acer Negundo</i> 'Sensation'	Boxelder Sensation	2" CAL	PER PLANS	9.1; 9.2
CAT	<i>Catalpa speciosa</i>	Catalpa	3" CAL	PER PLANS	9.1; 9.2
JUS	<i>Juniperus scopulorum</i> 'Woodward'	Woodward Rocky Mountain Juniper	10" HT.	PER PLANS	9.3; 9.4
PNI-1	<i>Pinus nigra</i>	Austrian Pine	8" HT.	PER PLANS	9.3; 9.4
PNI-2	<i>Pinus nigra</i>	Austrian Pine	7" HT.	PER PLANS	9.3; 9.4
PPA	<i>Populus x acuminata</i>	Lanceleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPC	<i>Pinus pungens</i>	Colorado Blue Spruce	8" HT.	PER PLANS	9.3; 9.4
PPN	<i>Populus angustifolia</i>	Narrowleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPP	<i>Pinus ponderosa</i>	Ponderosa Pine	20" HT.	PER PLANS	9.3; 9.4
PVC	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	6" CAL	PER PLANS	9.1; 9.5
QUM-1	<i>Quercus macrocarpa</i>	Bur Oak	3" CAL	PER PLANS	9.1; 9.2
QUM-2	<i>Quercus macrocarpa</i>	Bur Oak	6" CAL	PER PLANS	9.1; 9.2
USM6 - UNDERSTORY SUMMER MIX					
ART	<i>Artemisia tridentata</i>	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.10
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Blue Fortune</i> Hyssop	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
UFM10 - UNDERSTORY FALL MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Blonde Ambition</i> Grama Grass	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Agastache</i> 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.10
AGL	<i>Globernaster Allium</i>	Allium	1 GAL.	MIN 18" MAX 96"	9.10
UFM10		SMM Grass Mix			
UWM13 - UNDERSTORY WINTER MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
YUG	<i>Yucca glauca</i>	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
USPM2 - UNDERSTORY SPRING MIX					
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbush	5 GAL.	MIN 18" MAX 96"	9.10
PEA	<i>Perovskia atriplicifolia</i>	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
SEED MIXES					
SMM	Shortgrass Meadow Mix (Includes: Western Wheat Grass, Blue Gramma, Sideoats Gramma, Green needlegrass, Buffalo Grass, Thick Spike Wheat Grass, Switchgrass, Hard Fescue, Sheep Fescue, Chewing Fescue, Creeping Red Fescue)		Shortgrass Meadow Mix	Seed	REF SPEC
GME	Erosion Control Mix (Includes: Western Wheat Grass, Sideoats Grama Grass, Annual Rye Grass)		Erosion Control Mix	Seed	REF SPEC
TFF	Turf Grass Mix (Kentucky Blue Grass, Perennial Rye Grass, Creeping Red Fescue)		Turf Lawn Mix	Seed	REF SPEC

PLANTING LEGEND

9.14	9.15	USM6	TFF	WATER METER
9.16	9.17	UFM10	SMM	SIGHT TRIANGLE
9.18	9.19	UWM13	GME	
9.20	9.21	USPM2		



KEY MAP



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TOWN OF FIRESTONE
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DOCUMENTS

PROJECT NUMBER: 5311

PLANTING

SHEET NUMBER

L4-01

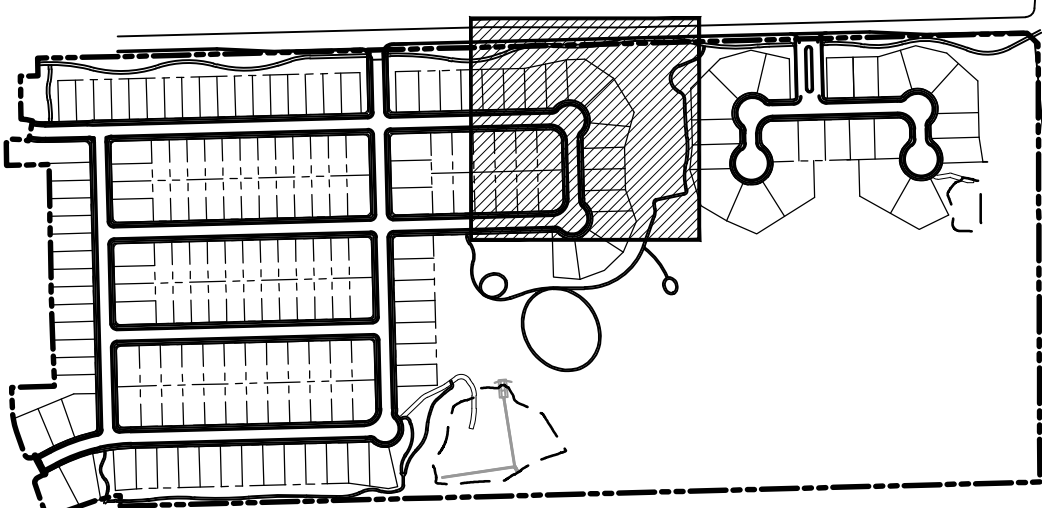
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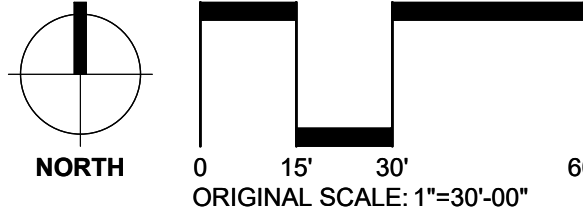
SITE KEYNOTES:			DETAIL / SHEET	RELATED DETAILS
9.0	PLANTING AND LANDSCAPE			
9.1	Deciduous Tree	1 / L5-01		
9.2	Deciduous Tree on slope	2 / L5-01		
9.3	Evergreen Tree	1 / L5-02		
9.4	Evergreen Tree on slope	2 / L5-02		
9.5	Ornamental Tree Type 1	1 / L5-03		
9.6	Ornamental Tree on slope	2 / L5-03		
9.7	Deciduous Tree Guy Wire	3 / L5-03		
9.8	Shrub Type 1	1 / L5-04	3 / L5-02	
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02	
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02	
9.11	Turf	4 / L5-04		
9.12	Steel Edging	5 / L5-04		
9.13	Mulch	6 / L5-04		

Abb	Scientific Name	Common Name	Size	Spacing	Detail
TREES					
AFA	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	3" CAL	PER PLANS	9.1; 9.2
ANS	<i>Acer Negundo</i> 'Sensation'	Boxelder Sensation	2" CAL	PER PLANS	9.1; 9.2
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PNI-1	<i>Pinus nigra</i>	Austrian Pine	8" HT.	PER PLANS	9.3; 9.4
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PPA	<i>Populus x acuminata</i>	Lanceleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPC	<i>Pinus pungens</i>	Colorado Blue Spruce	8" HT.	PER PLANS	9.3; 9.4
PPN	<i>Populus angustifolia</i>	Narrowleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPP	<i>Pinus ponderosa</i>	Ponderosa Pine	20" HT.	PER PLANS	9.3; 9.4
PVC	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	6" CAL	PER PLANS	9.1; 9.5
QUM-1	<i>Quercus macrocarpa</i>	Bur Oak	3" CAL	PER PLANS	9.1; 9.2
QUM-2	<i>Quercus macrocarpa</i>	Bur Oak	6" CAL	PER PLANS	9.1; 9.2
USM6 - UNDERSTORY SUMMER MIX					
ART	<i>Artemisia tridentata</i>	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.10
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Blue Fortune Hyssop</i>	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
UFM10 - UNDERSTORY FALL MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Blonde Ambition Grama Grass</i>	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Agastache</i> 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.10
AGL	<i>Globemaster Allium</i>	Allium	1 GAL.	MIN 18" MAX 96"	9.10
UFM10		SMM Grass Mix			
UWM13 - UNDERSTORY WINTER MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
YUG	<i>Yucca glauca</i>	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
USPM2 - UNDERSTORY SPRING MIX					
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	5 GAL.	MIN 18" MAX 96"	9.10
PEA	<i>Perovskia atriplicifolia</i>	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
SEED MIXES					
SMM	Shortgrass Meadow Mix (Includes: Western Wheat Grass, Blue Gramma, Sideoats Gramma, Green needlegrass, Buffalo Grass, Thick Spike Wheat Grass, Switchgrass, Hard Fescue, Sheep Fescue, Chewing Fescue, Creeping Red Fescue)		Shortgrass Meadow Mix	Seed	REF SPEC
GME	Erosion Control Mix (Includes: Western Wheat Grass, Sideoats Grama Grass, Annual Rye Grass)		Erosion Control Mix	Seed	REF SPEC
TFF	Turf Grass Mix (Kentucky Blue Grass, Perennial Rye Grass, Creeping Red Fescue)		Turf Lawn Mix	Seed	REF SPEC

PLANTING LEGEND					
9.14 9.15	USM6	TFF	WATER METER		
9.16 9.17	UFM10	SMM	SIGHT TRIANGLE		
9.18 9.19	UWM13	GME			
9.20 9.21	USPM2				



KEY MAP



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BAREFOOT LAKES - FILING NO. 6

CONSTRUCTION DOCUMENTS

TOWN OF FIRESTONE
WELD COUNTY
STATE OF COLORADO

NOT FOR
CONSTRUCTION

ISSUE DATE: 8.1.2021

REVISIONS		
1	10.27.2021	Prelim. Plat Submittal Rev. 1
2	1.21.2022	Prelim. Plat Submittal Rev. 2

90%
CONSTRUCTION
DOCUMENTS

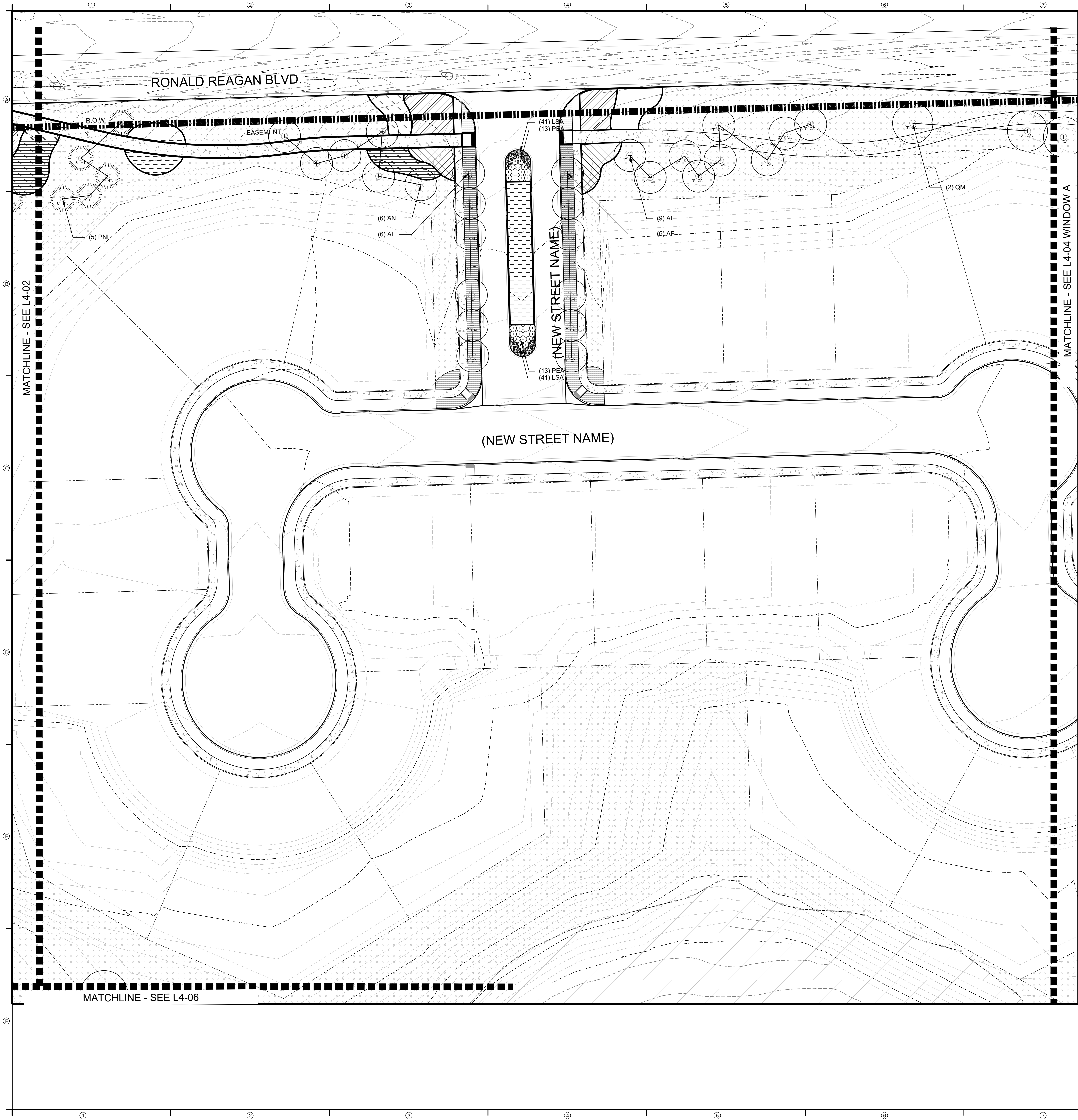
PROJECT NUMBER: 5311

PLANTING

SHEET NUMBER

L4-02

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SITE KEYNOTES:

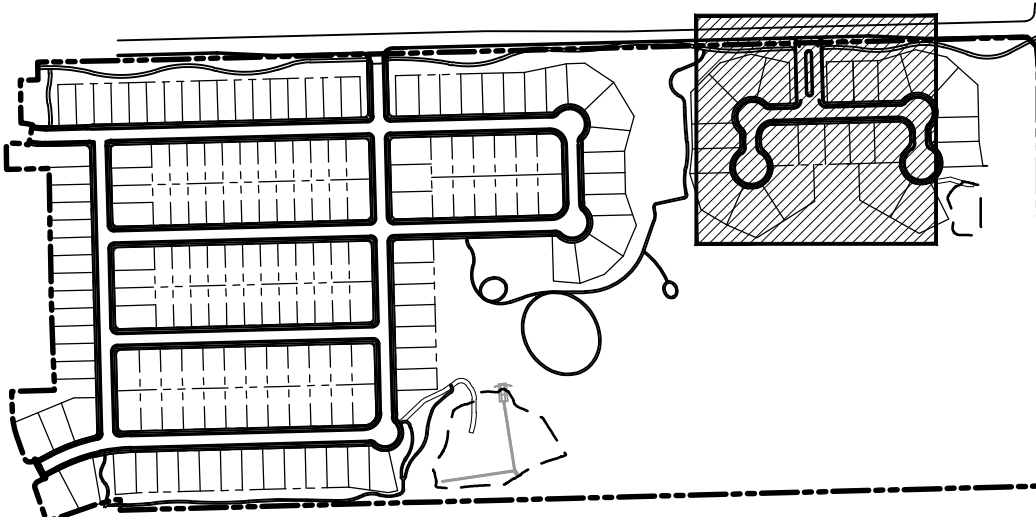
9.0 PLANTING AND LANDSCAPE

9.1	Deciduous Tree	1 / L5-01
9.2	Deciduous Tree on slope	2 / L5-01
9.3	Evergreen Tree	1 / L5-02
9.4	Evergreen Tree on slope	2 / L5-02
9.5	Ornamental Tree Type 1	1 / L5-03
9.6	Ornamental Tree on slope	2 / L5-03
9.7	Deciduous Tree Guy Wire	3 / L5-03
9.8	Shrub Type 1	1 / L5-04 3 / L5-02
9.9	Shrub Type 2 (slope)	2 / L5-04 3 / L5-02
9.10	Perennials and Groundcover	3 / L5-04 3 / L5-02
9.11	Turf	4 / L5-04
9.12	Steel Edging	5 / L5-04
9.13	Mulch	6 / L5-04

Abb	Scientific Name	Common Name	Size	Spacing	Detail
TREES					
AFA	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	3" CAL	PER PLANS	9.1; 9.2
ANS	<i>Acer Negundo</i> 'Sensation'	Boxelder Sensation	2" CAL	PER PLANS	9.1; 9.2
CAT	<i>Catalpa speciosa</i>	Catalpa	3" CAL	PER PLANS	9.1; 9.2
JUS	<i>Juniperus scopulorum</i> 'Woodward'	Woodward Rocky Mountain Juniper	10" HT.	PER PLANS	9.3; 9.4
PNI-1	<i>Pinus nigra</i>	Austrian Pine	8" HT.	PER PLANS	9.3; 9.4
PNI-2	<i>Pinus nigra</i>	Austrian Pine	7" HT.	PER PLANS	9.3; 9.4
PPA	<i>Populus x acuminata</i>	Lanceleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPC	<i>Pinus pungens</i>	Colorado Blue Spruce	8" HT.	PER PLANS	9.3; 9.4
PPN	<i>Populus angustifolia</i>	Narrowleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPP	<i>Pinus ponderosa</i>	Ponderosa Pine	20" HT.	PER PLANS	9.3; 9.4
PVC	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	6" CAL	PER PLANS	9.1; 9.5
QUM-1	<i>Quercus macrocarpa</i>	Bur Oak	3" CAL	PER PLANS	9.1; 9.2
QUM-2	<i>Quercus macrocarpa</i>	Bur Oak	6" CAL	PER PLANS	9.1; 9.2
USM6 - UNDERSTORY SUMMER MIX					
ART	<i>Artemisia tridentata</i>	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.10
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Blue Fortune Hyssop</i>	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
UFM10 - UNDERSTORY FALL MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Blonde Ambition Grama Grass</i>	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Agastache</i> 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.10
AGL	<i>Globemaster Allium</i>	Allium	1 GAL.	MIN 18" MAX 96"	9.10
UFM10		SMM Grass Mix			
UWM13 - UNDERSTORY WINTER MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
YUG	<i>Yucca glauca</i>	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
USPM2 - UNDERSTORY SPRING MIX					
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	5 GAL.	MIN 18" MAX 96"	9.10
PEA	<i>Perovskia atriplicifolia</i>	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
SEED MIXES					
SMM	Shortgrass Meadow Mix (Includes: Western Wheat Grass, Blue Gramma, Sideoats Gramma, Green needlegrass, Buffalo Grass, Thick Spike Wheat Grass, Switchgrass, Hard Fescue, Sheep Fescue, Chewing Fescue, Creeping Red Fescue)		Shortgrass Meadow Mix	Seed	REF SPEC
GME	Erosion Control Mix (Includes: Western Wheat Grass, Sideoats Grama Grass, Annual Rye Grass)		Erosion Control Mix	Seed	REF SPEC
TFF	Turf Grass Mix (Kentucky Blue Grass, Perennial Rye Grass, Creeping Red Fescue)		Turf Lawn Mix	Seed	REF SPEC

PLANTING LEGEND

9.14 9.15	USM6	TFF	WATER METER
9.16 9.17	UFM10	SMM	SIGHT TRIANGLE
9.18 9.19	UWM13	GME	
9.20 9.21	USPM2		



KEY MAP



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BAREFOOT LAKES - FILING NO. 6

CONSTRUCTION DOCUMENTS

TOWN OF FIRESTONE
WELD COUNTY
STATE OF COLORADO

NOT FOR
CONSTRUCTION

ISSUE DATE: 8.1.2021

REVISIONS

1	10.27.2021	Prelim. Plat Submittal Rev. 1
2	1.21.2022	Prelim. Plat Submittal Rev. 2

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DOCUMENTS

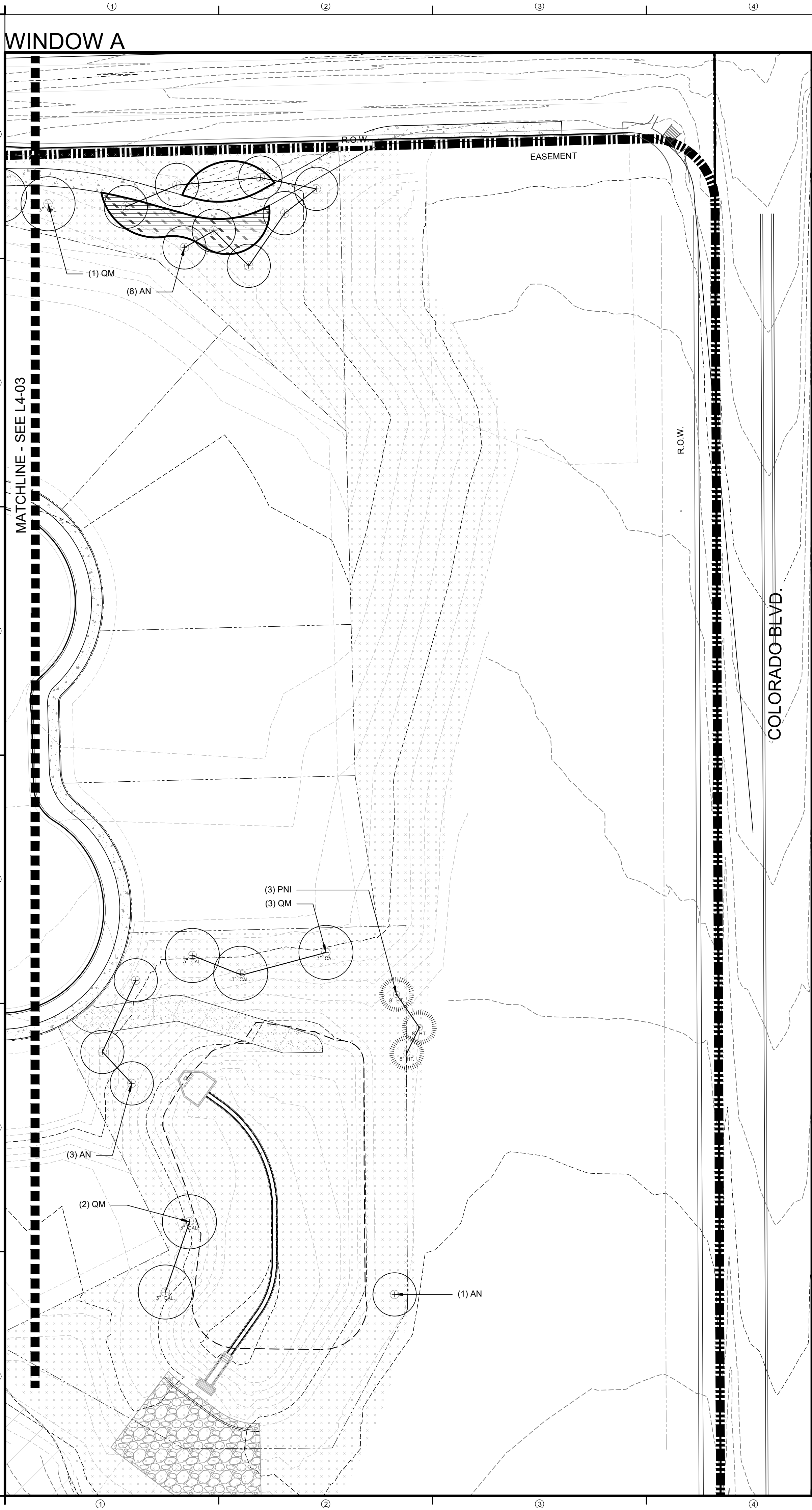
PROJECT NUMBER: 5311

PLANTING

SHEET NUMBER

L4-03

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WINDOW A

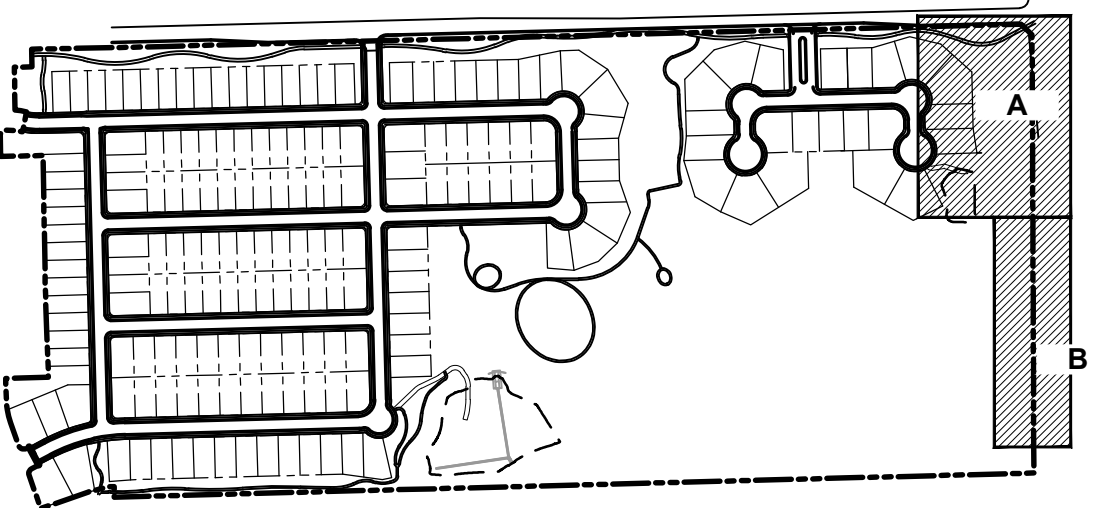
MATCHLINE - SEE L4-03

COLORADO BLVD.

SITE KEYNOTES:		DETAIL / SHEET	RELATED DETAILS
9.0	PLANTING AND LANDSCAPE		
9.1	Deciduous Tree	1 / L5-01	
9.2	Deciduous Tree on slope	2 / L5-01	
9.3	Evergreen Tree	1 / L5-02	
9.4	Evergreen Tree on slope	2 / L5-02	
9.5	Ornamental Tree Type 1	1 / L5-03	
9.6	Ornamental Tree on slope	2 / L5-03	
9.7	Deciduous Tree Guy Wire	3 / L5-03	
9.8	Shrub Type 1	1 / L5-04	3 / L5-02
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02
9.11	Turf	4 / L5-04	
9.12	Steel Edging	5 / L5-04	
9.13	Mulch	6 / L5-04	

Abb	Scientific Name	Common Name	Size	Spacing	Detail
TREES					
AFA	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	3" CAL	PER PLANS	9.1; 9.2
ANS	<i>Acer Negundo</i> 'Sensation'	Boxelder Sensation	2" CAL	PER PLANS	9.1; 9.2
CAT	<i>Catalpa speciosa</i>	Catalpa	3" CAL	PER PLANS	9.1; 9.2
JUS	<i>Juniperus scopulorum</i> 'Woodward'	Woodward Rocky Mountain Juniper	10' HT.	PER PLANS	9.3; 9.4
PNI-1	<i>Pinus nigra</i>	Austrian Pine	8' HT.	PER PLANS	9.3; 9.4
PNI-2	<i>Pinus nigra</i>	Austrian Pine	7' HT.	PER PLANS	9.3; 9.4
PPA	<i>Populus x acuminata</i>	Lanceleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPC	<i>Pinus pungens</i>	Colorado Blue Spruce	8' HT.	PER PLANS	9.3; 9.4
PPN	<i>Populus angustifolia</i>	Narrowleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPP	<i>Pinus ponderosa</i>	Ponderosa Pine	20' HT.	PER PLANS	9.3; 9.4
PVC	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	6" CAL	PER PLANS	9.1; 9.2
QUM-1	<i>Quercus macrocarpa</i>	Bur Oak	3" CAL	PER PLANS	9.1; 9.2
QUM-2	<i>Quercus macrocarpa</i>	Bur Oak	6" CAL	PER PLANS	9.1; 9.2
USM6 - UNDERSTORY SUMMER MIX					
ART	<i>Artemisia tridentata</i>	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.10
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Blue Fortune Hyssop</i>	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
UFM10 - UNDERSTORY FALL MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Blonde Ambition Grama Grass</i>	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Agastache</i> 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.10
AGL	<i>Globemaster Allium</i>	Allium	1 GAL.	MIN 18" MAX 96"	9.10
UFM10		SMM Grass Mix			
UWM13 - UNDERSTORY WINTER MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
YUG	<i>Yucca glauca</i>	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
USPM2 - UNDERSTORY SPRING MIX					
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	5 GAL.	MIN 18" MAX 96"	9.10
PEA	<i>Perovskia atriplicifolia</i>	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
SEED MIXES					
SMM	Shortgrass Meadow Mix (Includes: Western Wheat Grass, Blue Gramma, Sideoats Gramma, Green needlegrass, Buffalo Grass, Thick Spike Wheat Grass, Switchgrass, Hard Fescue, Sheep Fescue, Chewing Fescue, Creeping Red Fescue)	Shortgrass Meadow Mix	Seed	REF SPEC	
GME	Erosion Control Mix (Includes: Western Wheat Grass, Sideoats Grama Grass, Annual Rye Grass)	Erosion Control Mix	Seed	REF SPEC	
TFF	Turf Grass Mix (Kentucky Blue Grass, Perennial Rye Grass, Creeping Red Fescue)	Turf Lawn Mix	Seed	REF SPEC	

PLANTING LEGEND					
9.14	9.15	USM6	TFF	WATER METER	
9.16	9.17	UFM10	SMM	SIGHT TRIANGLE	
9.18	9.19	UWM13	GME		
9.20	9.21	USPM2			



KEY MAP



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CONSTRUCTION DOCUMENTS

TOWN OF FIRESTONE
WELD COUNTY
STATE OF COLORADO

NOT FOR
CONSTRUCTION

ISSUE DATE: 8.1.2021

REVISIONS		
1	10.27.2021	Prelim. Plat Submittal Rev. 1
2	1.21.2022	Prelim. Plat Submittal Rev. 2

DRAWN: AN REVIEWED: JS

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CONSTRUCTION
DOCUMENTS

PROJECT NUMBER: 5311

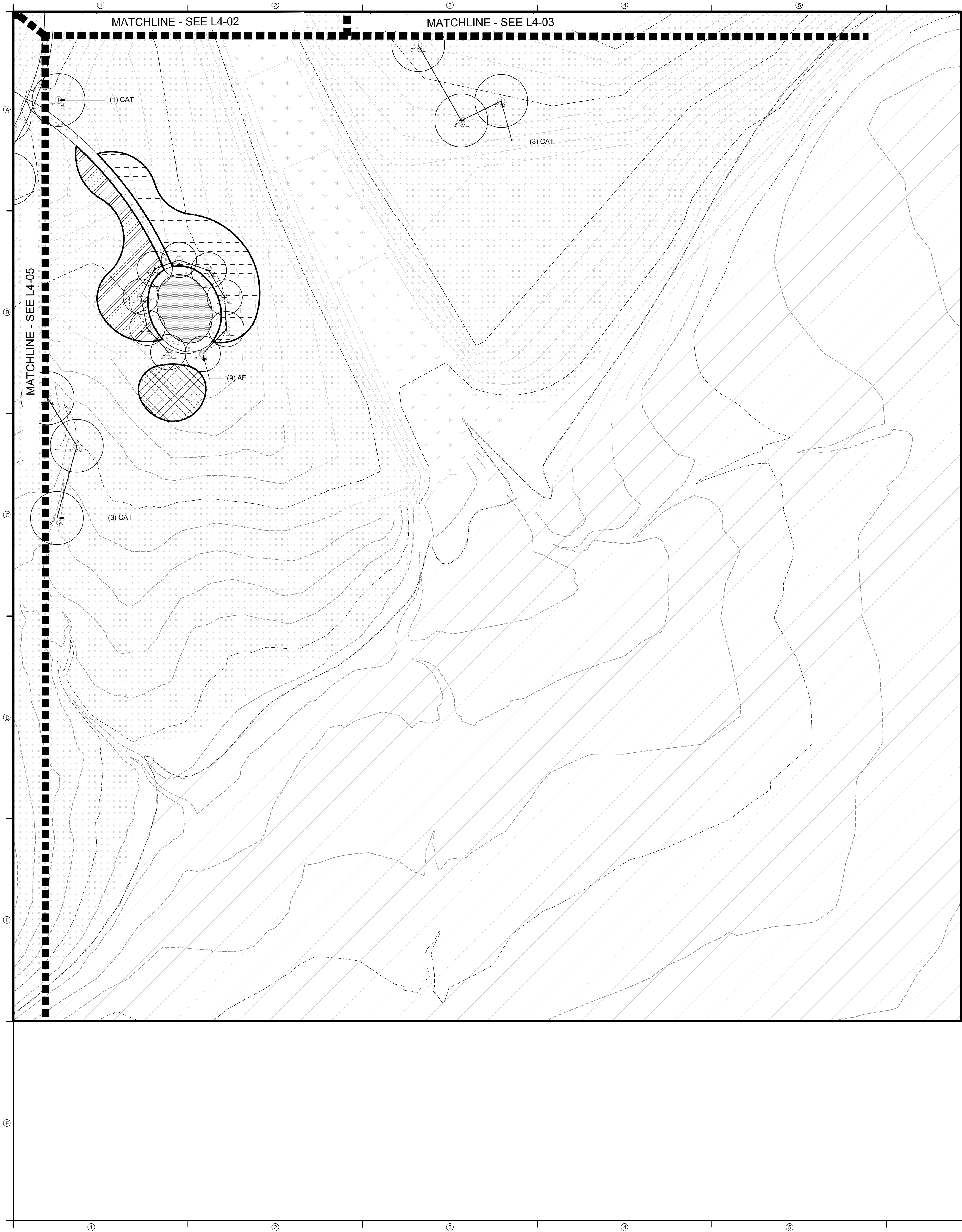
PLANTING

SHEET NUMBER

L4-04

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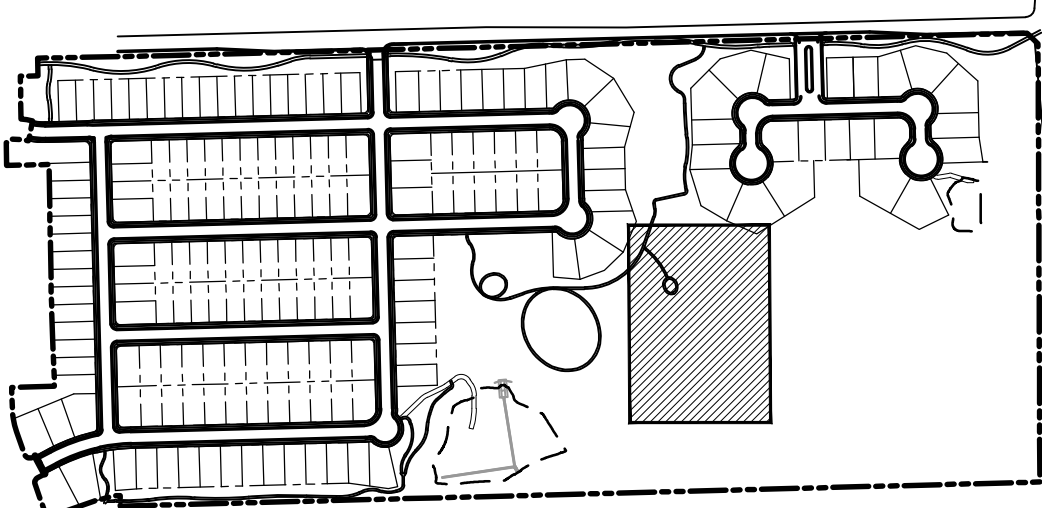




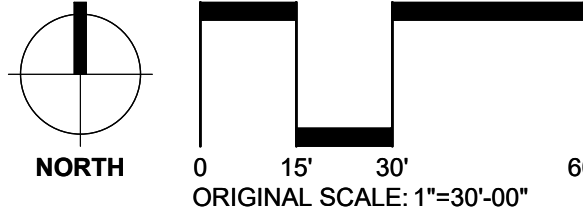
SITE KEYNOTES:			DETAIL / SHEET	RELATED DETAILS
9.0	PLANTING AND LANDSCAPE			
9.1	Deciduous Tree	1 / L5-01		
9.2	Deciduous Tree on slope	2 / L5-01		
9.3	Evergreen Tree	1 / L5-02		
9.4	Evergreen Tree on slope	2 / L5-02		
9.5	Ornamental Tree Type 1	1 / L5-03		
9.6	Ornamental Tree on slope	2 / L5-03		
9.7	Deciduous Tree Guy Wire	3 / L5-03		
9.8	Shrub Type 1	1 / L5-04	3 / L5-02	
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02	
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02	
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9.12	Steel Edging	5 / L5-04		
9.13	Mulch	6 / L5-04		

Abb	Scientific Name	Common Name	Size	Spacing	Detail
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PNH-1	<i>Pinus nigra</i>	Austrian Pine	8' HT.	PER PLANS	9.3; 9.4
PNH-2	<i>Pinus nigra</i>	Austrian Pine	7' HT.	PER PLANS	9.3; 9.4
PPA	<i>Populus x acuminata</i>	Lanceleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPC	<i>Pinus pungens</i>	Colorado Blue Spruce	8' HT.	PER PLANS	9.3; 9.4
PPN	<i>Populus angustifolia</i>	Narrowleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPP	<i>Pinus ponderosa</i>	Ponderosa Pine	20' HT.	PER PLANS	9.3; 9.4
PVC	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	6" CAL	PER PLANS	9.1; 9.5
QUM-1	<i>Quercus macrocarpa</i>	Bur Oak	3" CAL	PER PLANS	9.1; 9.2
QUM-2	<i>Quercus macrocarpa</i>	Bur Oak	6" CAL	PER PLANS	9.1; 9.2
USM6 - UNDERSTORY SUMMER MIX					
ART	<i>Artemisia tridentata</i>	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.10
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Blue Fortune</i> Hyssop	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
UFM10 - UNDERSTORY FALL MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
BCB	<i>Blonde Ambition</i> Grama Grass	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Agastache</i> 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.10
AGL	<i>Globemaster</i> Allium	Allium	1 GAL.	MIN 18" MAX 96"	9.10
UFM10		SMM Grass Mix			
UWM13 - UNDERSTORY WINTER MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
YUG	<i>Yucca glauca</i>	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
USPM2 - UNDERSTORY SPRING MIX					
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	5 GAL.	MIN 18" MAX 96"	9.10
PEA	<i>Perovskia atriplicifolia</i>	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.10
BCB	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			
SEED MIXES					
SMM	Shortgrass Meadow Mix (Includes: Western Wheat Grass, Blue Gramma, Sideoats Gramma, Green needlegrass, Buffalo Grass, Thick Spike Wheat Grass, Switchgrass, Hard Fescue, Sheep Fescue, Chewing Fescue, Creeping Red Fescue)		Shortgrass Meadow Mix	Seed	REF SPEC
GME	Erosion Control Mix (Includes: Western Wheat Grass, Sideoats Grama Grass, Annual Rye Grass)		Erosion Control Mix	Seed	REF SPEC
TFF	Turf Grass Mix (Kentucky Blue Grass, Perennial Rye Grass, Creeping Red Fescue)		Turf Lawn Mix	Seed	REF SPEC

PLANTING LEGEND					
9.14	9.15	USM6	TFF	WATER METER	
9.16	9.17	UFM10	SMM	SIGHT TRIANGLE	
9.18	9.19	UWM13	GME		
9.20	9.21	USPM2			



KEY MAP



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BAREFOOT LAKES - FILING NO. 6

CONSTRUCTION DOCUMENTS

TOWN OF FIRESTONE
WELD COUNTY
STATE OF COLORADO

NOT FOR
CONSTRUCTION

ISSUE DATE: 8.1.2021

REVISIONS		
1	10.27.2021	Prelim. Plat Submittal Rev. 1
2	1.21.2022	Prelim. Plat Submittal Rev. 2

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CONSTRUCTION
DOCUMENTS

PROJECT NUMBER: 5311

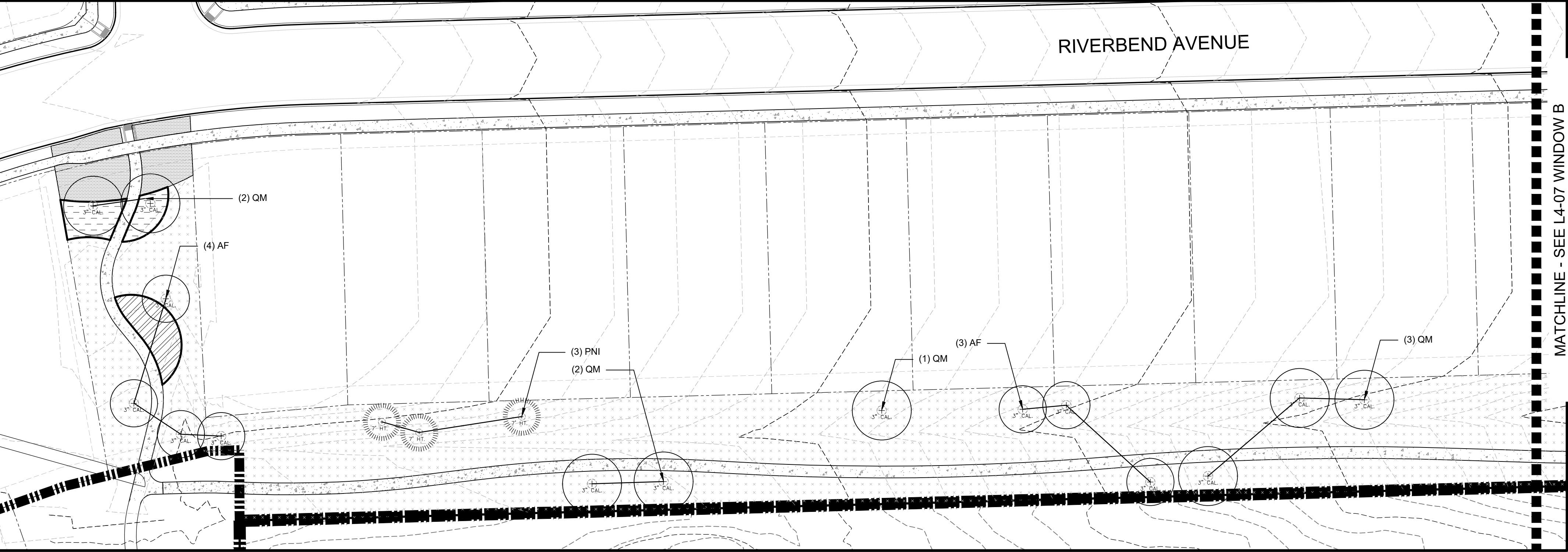
PLANTING

SHEET NUMBER

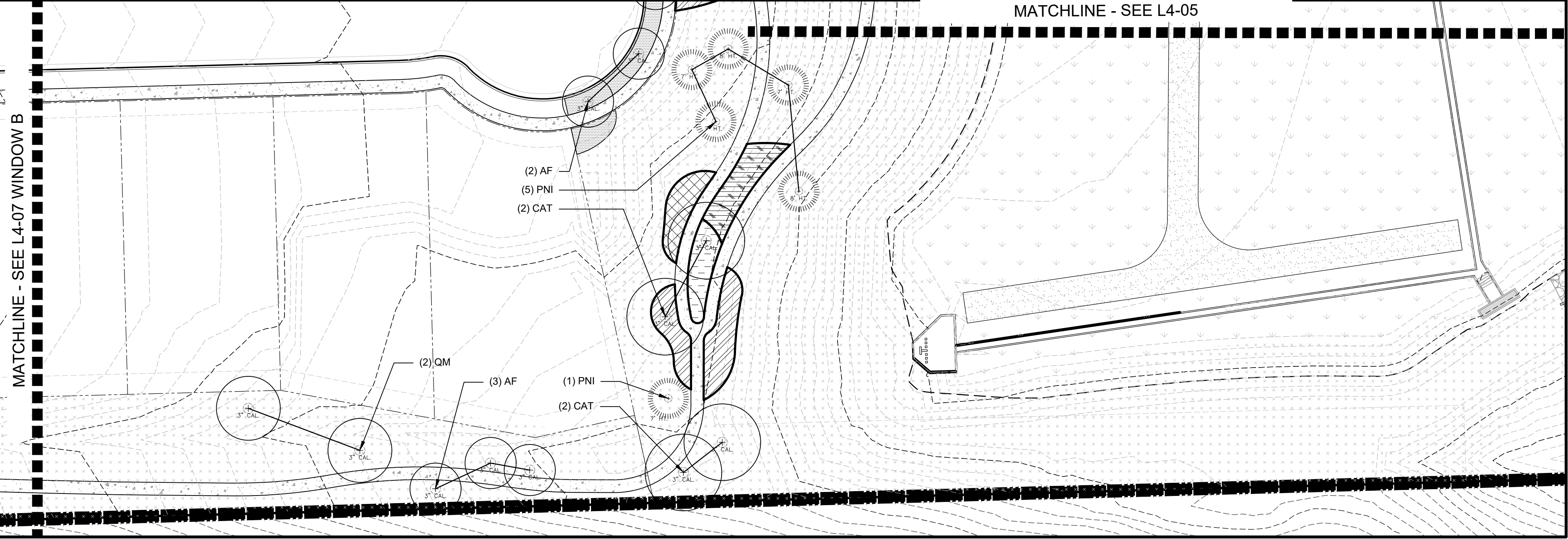
L4-06

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WINDOW A



WINDOW B



SITE KEYNOTES:

9.0	PLANTING AND LANDSCAPE	DETAIL /	RELATED
		SHEET	DETAILS
9.1	Deciduous Tree	1 / L5-01	
9.2	Deciduous Tree on slope	2 / L5-01	
9.3	Evergreen Tree	1 / L5-02	
9.4	Evergreen Tree on slope	2 / L5-02	
9.5	Ornamental Tree Type 1	1 / L5-03	
9.6	Ornamental Tree on slope	2 / L5-03	
9.7	Deciduous Tree Guy Wire	3 / L5-03	
9.8	Shrub Type 1	1 / L5-04	3 / L5-02
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02
9.11	Turf	4 / L5-04	
9.12	Steel Edging	5 / L5-04	
9.13	Mulch	6 / L5-04	

Abb	Scientific Name	Common Name	Size	Spacing	Detail
TREES					
AFA	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	3" CAL	PER PLANS	9.1; 9.2
ANS	<i>Acer Negundo</i> 'Sensation'	Boxelder Sensation	2" CAL	PER PLANS	9.1; 9.2
CAT	<i>Catalpa speciosa</i>	Catalpa	3" CAL	PER PLANS	9.1; 9.2
JUS	<i>Juniperus scopulorum</i> 'Woodward'	Woodward Rocky Mountain Juniper	10' HT.	PER PLANS	9.3; 9.4
PN1-1	<i>Pinus nigra</i>	Austrian Pine	8' HT.	PER PLANS	9.3; 9.4
PN1-2	<i>Pinus nigra</i>	Austrian Pine	7' HT.	PER PLANS	9.3; 9.4
PPA	<i>Populus x acuminata</i>	Lanceleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPC	<i>Pinus pungens</i>	Colorado Blue Spruce	8' HT.	PER PLANS	9.3; 9.4
PPN	<i>Populus angustifolia</i>	Narrowleaf Cottonwood	3" CAL	PER PLANS	9.1; 9.2
PPP	<i>Pinus ponderosa</i>	Ponderosa Pine	20' HT.	PER PLANS	9.3; 9.4
PVC	<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Pear	6" CAL	PER PLANS	9.1; 9.5
QUM-1	<i>Quercus macrocarpa</i>	Bur Oak	3" CAL	PER PLANS	9.1; 9.2
QUM-2	<i>Quercus macrocarpa</i>	Bur Oak	6" CAL	PER PLANS	9.1; 9.2

USM6 - UNDERSTORY SUMMER MIX					
ART	<i>Artemisia tridentata</i>	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.10
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Blue Fortune</i> Hyssop	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			

UFM10 - UNDERSTORY FALL MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Blonde Ambition</i> Grama Grass	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
ABF	<i>Agastache</i> 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.10
AGL	<i>Globemaster</i> Allium	Allium	1 GAL.	MIN 18" MAX 96"	9.10
UFM10		SMM Grass Mix			

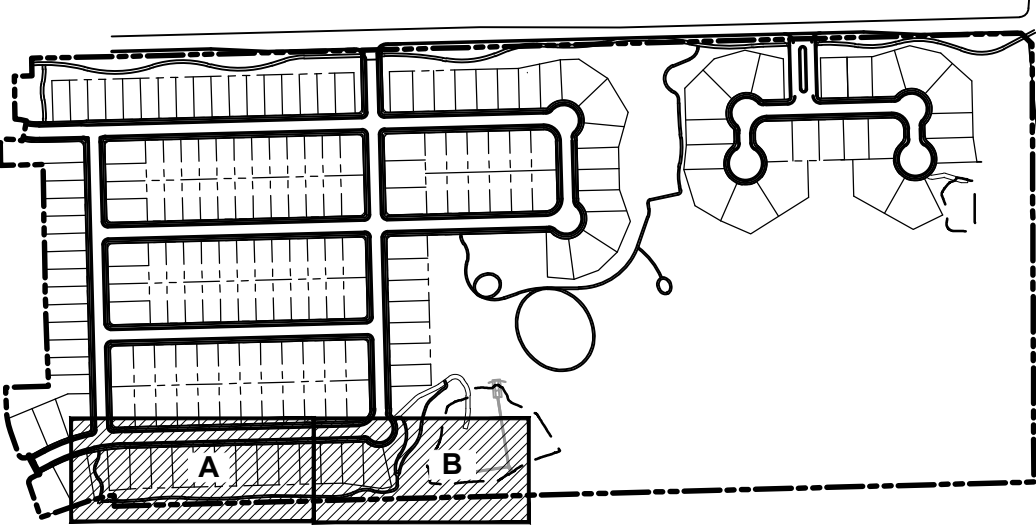
UWM13 - UNDERSTORY WINTER MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.10
YUG	<i>Yucca glauca</i>	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.10
AMI	<i>Achillea millefolium</i>	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			

USPM2 - UNDERSTORY SPRING MIX					
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	5 GAL.	MIN 18" MAX 96"	9.10
PEA	<i>Perovskia atriplicifolia</i>	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.10
BGB	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.10
LSA	<i>Leucanthemum x superbum</i> 'Alaska'	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.10
		SMM Grass Mix			

SEED MIXES					
SMM	Shortgrass Meadow Mix (Includes: Western Wheat Grass, Blue Gramma, Sideoats Gramma, Green needlegrass, Buffalo Grass, Thick Spike Wheat Grass, Switchgrass, Hard Fescue, Sheep Fescue, Chewing Fescue, Creeping Red Fescue)	Shortgrass Meadow Mix	Seed	REF SPEC	
GME	Erosion Control Mix (Includes: Western Wheat Grass, Sideoats Grama Grass, Annual Rye Grass)	Erosion Control Mix	Seed	REF SPEC	
TFF	Turf Grass Mix (Kentucky Blue Grass, Perennial Rye Grass, Creeping Red Fescue)	Turf Lawn Mix	Seed	REF SPEC	

PLANTING LEGEND

9.14 9.15	USM6	TFF	WATER METER
9.16 9.17	UFM10	SMM	SIGHT TRIANGLE
9.18 9.19	UWM13	GME	
9.20 9.21	USPM2		



KEY MAP



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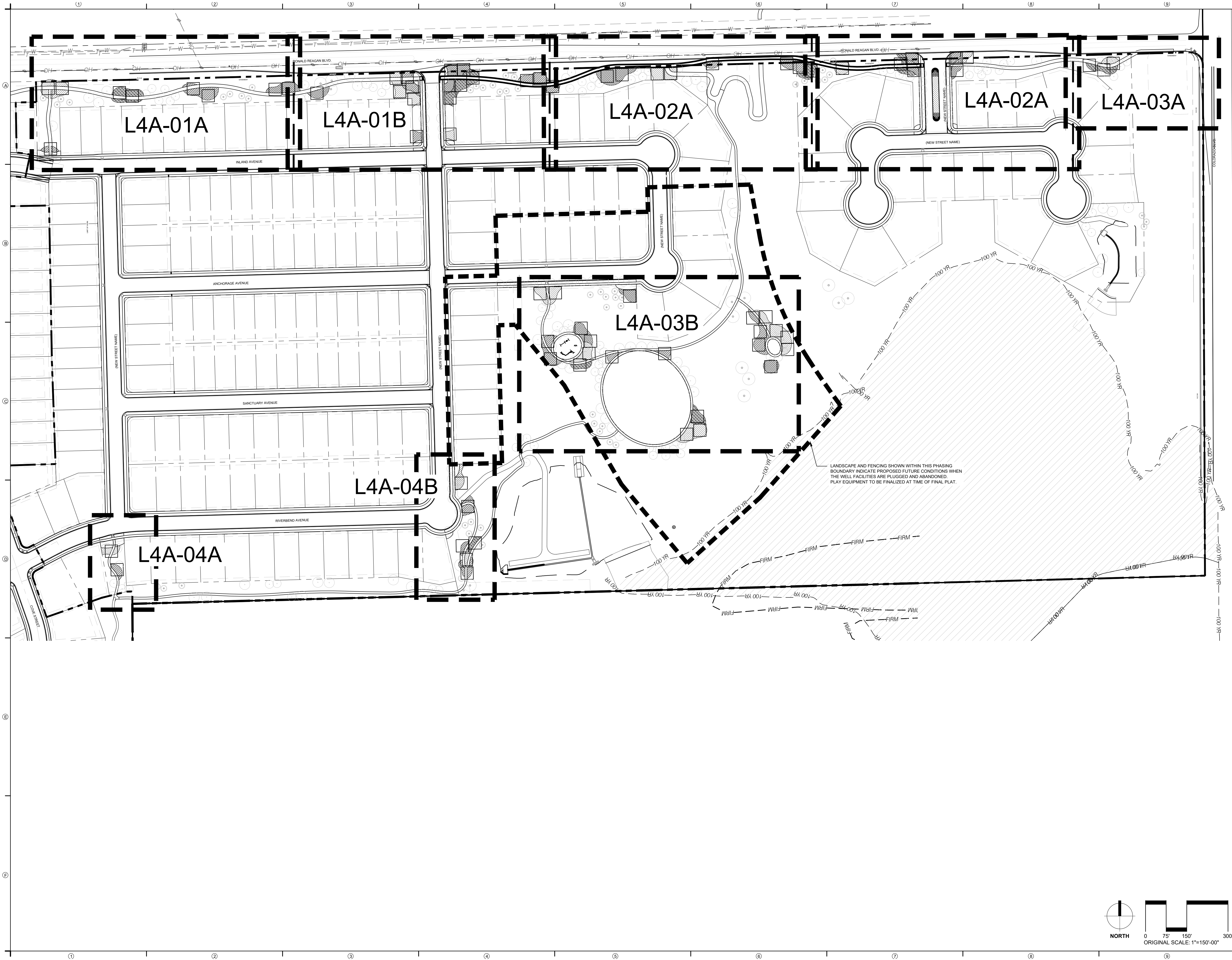
PROJECT NUMBER: 5311

PLANTING

SHEET NUMBER

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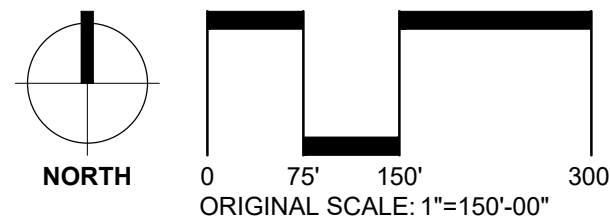
PROJECT NUMBER: 5311

PLANTING
MODULE
REFERENCE PLAN

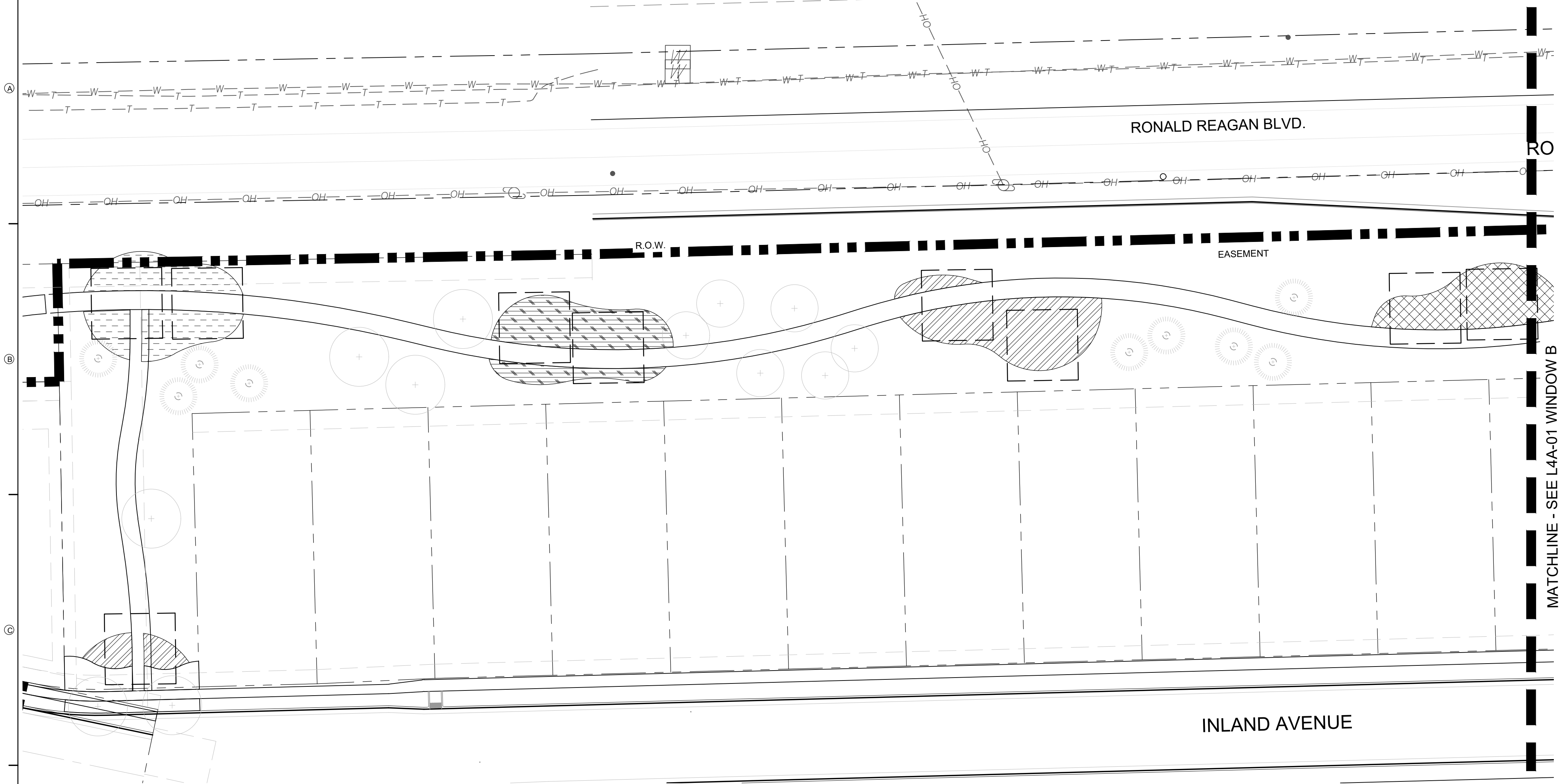
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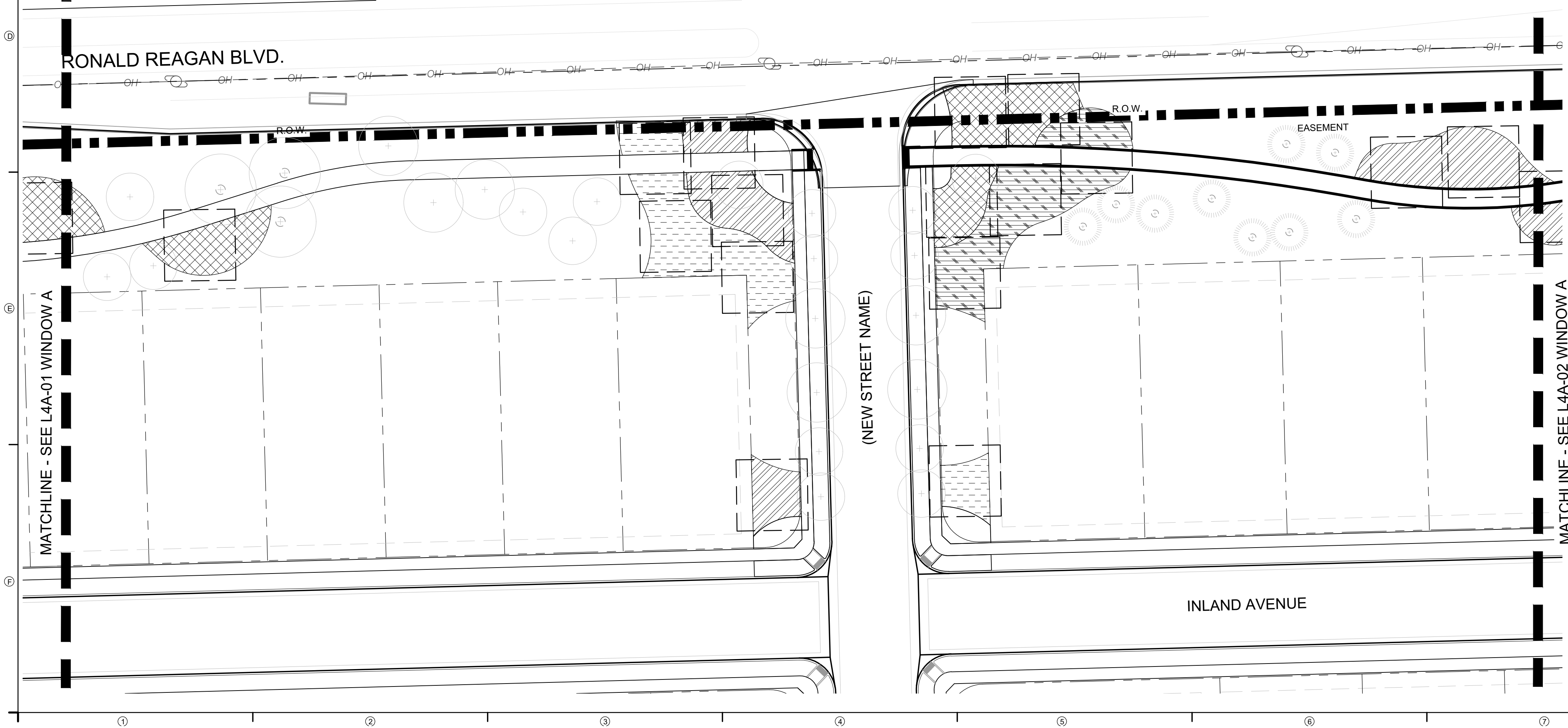
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WINDOW A



WINDOW B



SITE KEYNOTES:

9.0	PLANTING AND LANDSCAPE	DETAIL / SHEET	RELATED DETAILS	SPEC. SECTION
9.1	Deciduous Tree	1 / L5-01		329300
9.2	Deciduous Tree on slope	2 / L5-01		329300
9.3	Evergreen Tree	1 / L5-02		329300
9.4	Evergreen Tree on slope	2 / L5-02		329300
9.5	Ornamental Tree Type 1	1 / L5-03		329300
9.6	Ornamental Tree on slope	2 / L5-03		329300
9.7	Deciduous Tree Guy Wire	3 / L5-03		329300
9.8	Shrub Type 1	1 / L5-04	3 / L5-02	329300
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02	329300
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02	329300
9.11	Turf	4 / L5-04		329200
9.12	Steel Edging	5 / L5-04		329300
9.13	Mulch	6 / L5-04		329300
9.14	USM6 - A	1/L5-05		
9.15	USM6 - B	2/L5-05		
9.16	UFM10 - A	3/L5-05		
9.17	UFM10 - B	4/L5-05		
9.18	UWM13 - A	1/L5-06		
9.19	UWM13 - B	2/L5-06		
9.20	USPM2 - A	3/L5-06		
9.21	USPM2 - B	4/L5-06		

NOTE: PLANT MIXES BELOW CORRESPOND TO PLANTING MODULE DETAILS ON L5-05 AND L5-06. ABBREVIATIONS CORRESPOND TO SAME ON HATCHES IN PLANTING LEGEND BELOW.

USM6 - UNDERSTORY SUMMER MIX					
ART	Artemisia tridentata	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.14; 9.15
ERN	Ericameria nauseosa ssp. var. speciosa	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.14; 9.15
ABF	Blue Fortune Hyssop	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.14; 9.15
LSA	Leucanthemum x superbum "Alaska"	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.14; 9.15
		SMM Grass Mix			

UFM10 - UNDERSTORY FALL MIX					
RHT	Rhus triborta	Sumac	5 GAL.	MIN 18" MAX 96"	9.16; 9.17
BGB	Blonde Ambition Grama Grass	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.16; 9.17
ABF	Agastache 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.16; 9.17
AMI	Achillea millefolium	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.16; 9.17
AGL	Globemaster Allium	Allium	1 GAL.	MIN 18" MAX 96"	9.16; 9.17
UFM10		SMM Grass Mix			

UWM13 - UNDERSTORY WINTER MIX					
RHT	Rhus triborta	Sumac	6 GAL.	MIN 18" MAX 96"	9.18; 9.19
YUG	Yucca glauca	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.18; 9.19
AMI	Achillea millefolium	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.18; 9.19
		SMM Grass Mix			

USPM2 - UNDERSTORY SPRING MIX					
ERN	Ericameria nauseosa ssp. var. speciosa	Rubber Rabbitbrush	5 GAL.	MIN 18" MAX 96"	9.20; 9.21
PEA	Perovskia atriplicifolia	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.20; 9.21
BGB	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.20; 9.21
LSA	Leucanthemum x superbum "Alaska"	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.20; 9.21
		SMM Grass Mix			

PLANTING LEGEND

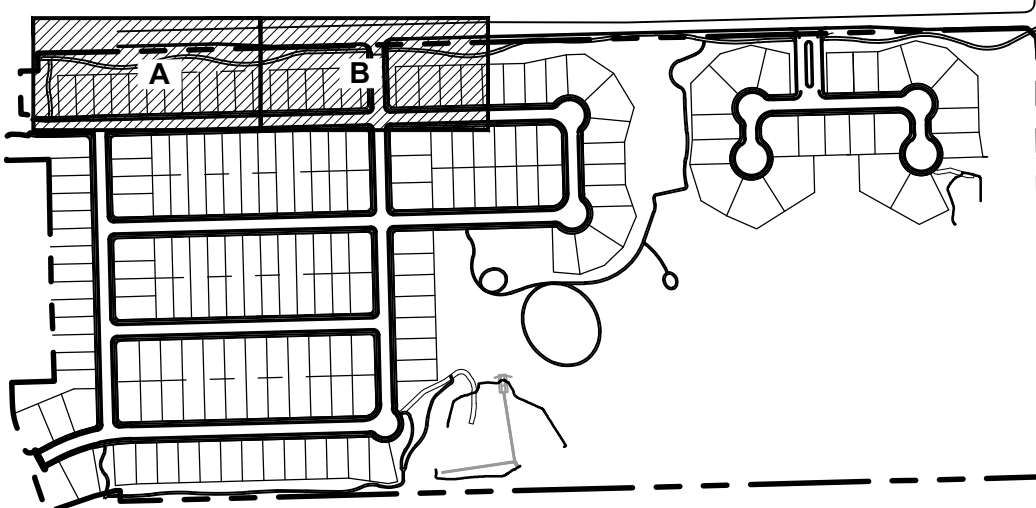
9.14 9.15	USM6	TFF	WATER METER
9.16 9.17	UFM10	SMM	SIGHT TRIANGLE
9.18 9.19	UWM13	GME	
9.20 9.21	USPM2		

PLANTING MODULE REFERENCE NOTES

- Quantities of plants within module to be distributed within the associated understory planting mix boundary (as indicated by hatch graphic). Field verify redistribution with Landscape Architect prior to planting.
- Where module extends into hardscape or beyond limits of associated hatch, distribute balance of plant material into adjacent areas within the associated hatch.
- Shrubs, perennials and grasses taller than 2'-0" are not allowed in the Barefoot Lakes Parkway median. Provide such plants (per the quantities identified in the planting module detail) but install them in adjacent tract of same planting module west of the parkway. Confirm with Landscape Architect in advance of planting.

PLANTING MODULE SYMBOL LEGEND

◇	PLANTING MODULE REFERENCE EXTENT
—	PLANTING MODULE SPREAD BOUNDARY



KEY MAP



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BAREFOOT LAKES - FILING NO. 6

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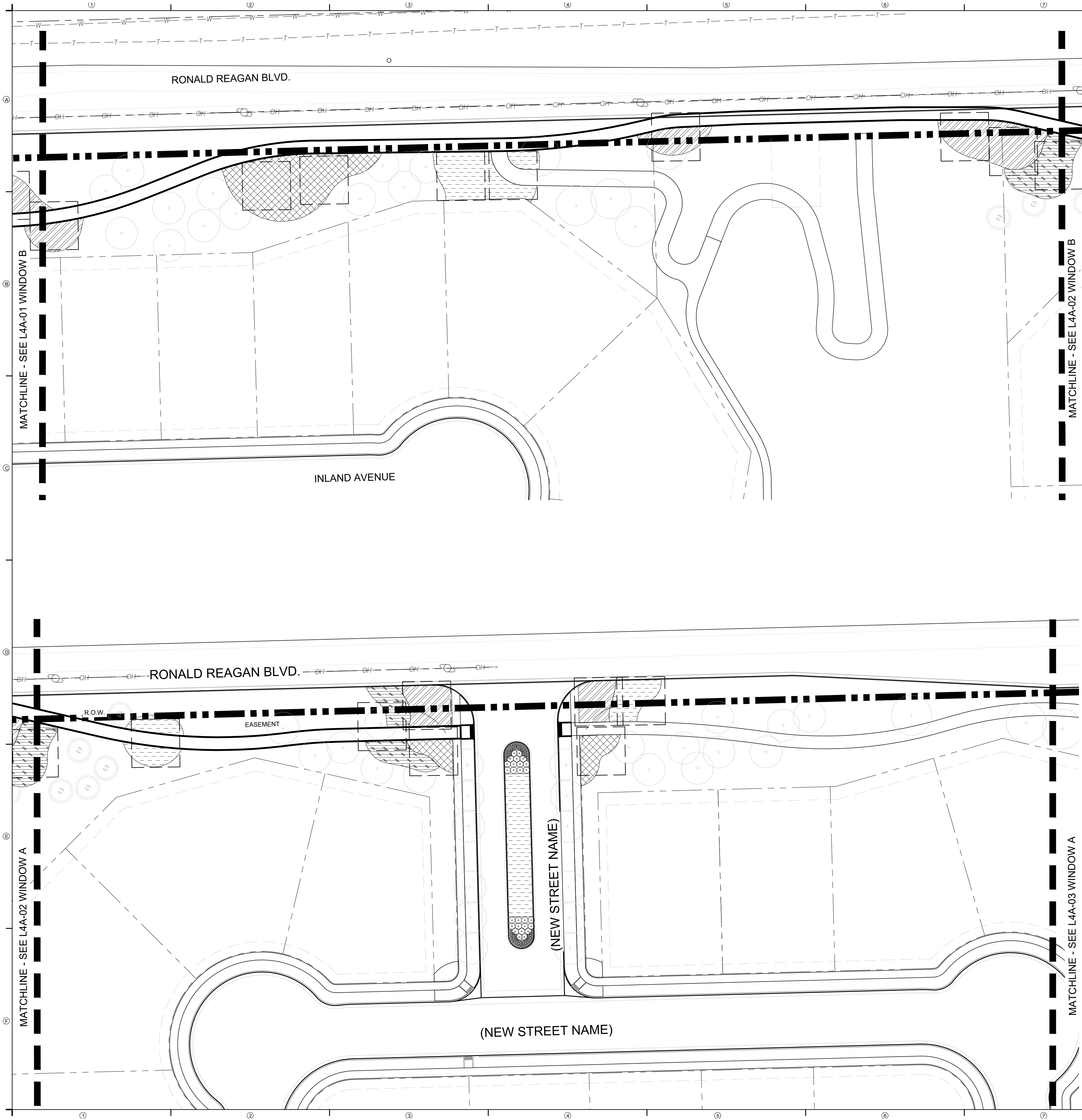
PROJECT NUMBER: 5311

PLANTING
MODULES

SHEET NUMBER

L4A-01

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SITE KEYNOTES:

9.0	PLANTING AND LANDSCAPE	DETAIL / SHEET	RELATED DETAILS	SPEC. SECTION
9.1	Deciduous Tree	1 / L5-01		329300
9.2	Deciduous Tree on slope	2 / L5-01		329300
9.3	Evergreen Tree	1 / L5-02		329300
9.4	Evergreen Tree on slope	2 / L5-02		329300
9.5	Ornamental Tree Type 1	1 / L5-03		329300
9.6	Ornamental Tree on slope	2 / L5-03		329300
9.7	Deciduous Tree Guy Wire	3 / L5-03		329300
9.8	Shrub Type 1	1 / L5-04	3 / L5-02	329300
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02	329300
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02	329300
9.11	Turf	4 / L5-04		329200
9.12	Steel Edging	5 / L5-04		329300
9.13	Mulch	6 / L5-04		329300
9.14	USM6 - A	1/L5-05		
9.15	USM6 - B	2/L5-05		
9.16	UFM10 - A	3/L5-05		
9.17	UFM10 - B	4/L5-05		
9.18	UWM13 - A	1/L5-06		
9.19	UWM13 - B	2/L5-06		
9.20	USPM2 - A	3/L5-06		
9.21	USPM2 - B	4/L5-06		

NOTE: PLANT MIXES BELOW CORRESPOND TO PLANTING MODULE DETAILS ON L5-05 AND L5-06. ABBREVIATIONS CORRESPOND TO SAME ON HATCHES IN PLANTING LEGEND BELOW.

USM6 - UNDERSTORY SUMMER MIX					
ART	Artemisia tridentata	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.14; 9.15
ERN	Ericameria nauseosa ssp. var. speciosa	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.14; 9.15
ABF	Blue Fortune Hyssop	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.14; 9.15
LSA	Leucanthemum x superbum "Alaska"	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.14; 9.15
		SMM Grass Mix			

UFM10 - UNDERSTORY FALL MIX					
RHT	Rhus triboata	Sumac	5 GAL.	MIN 18" MAX 96"	9.16; 9.17
BGB	Blonde Ambition Grama Grass	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.16; 9.17
ABF	Agastache 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.16; 9.17
AMI	Achillea millefolium	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.16; 9.17
AGL	Globemaster Allium	Allium	1 GAL.	MIN 18" MAX 96"	9.16; 9.17
UFM10		SMM Grass Mix			

UWM13 - UNDERSTORY WINTER MIX					
RHT	Rhus triboata	Sumac	6 GAL.	MIN 18" MAX 96"	9.18; 9.19
YUG	Yucca glauca	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.18; 9.19
AMI	Achillea millefolium	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.18; 9.19
		SMM Grass Mix			

USPM2 - UNDERSTORY SPRING MIX					
ERN	Ericameria nauseosa ssp. var. speciosa	Rubber Rabbitbrush	5 GAL.	MIN 18" MAX 96"	9.20; 9.21
PEA	Perovskia atriplicifolia	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.20; 9.21
BGB	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.20; 9.21
LSA	Leucanthemum x superbum "Alaska"	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.20; 9.21
		SMM Grass Mix			

PLANTING LEGEND

9.14 9.15

9.16 9.17

9.18 9.19

9.20 9.21

USM6

UFM10

UWM13

USPM2

TFF

SMM

GME

WATER METER

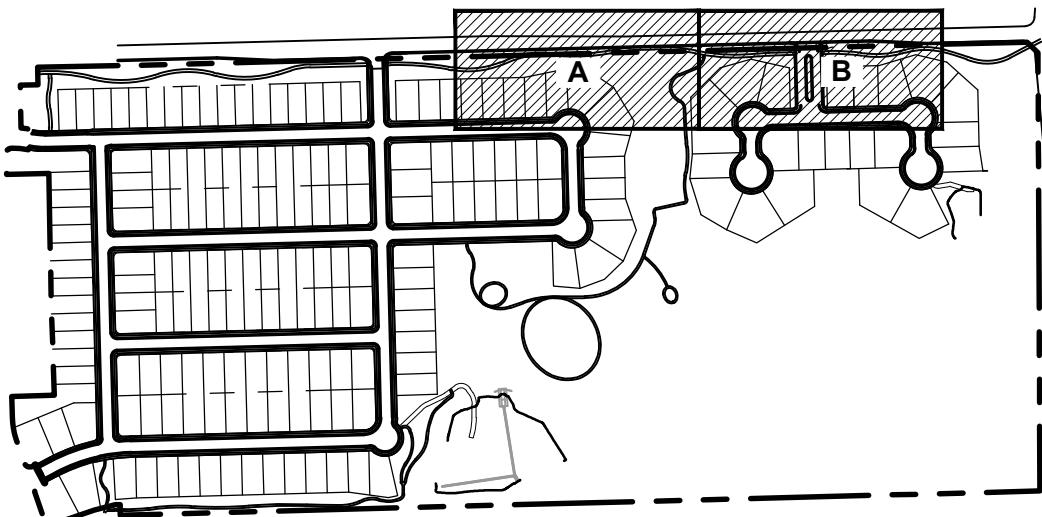
SIGHT TRIANGLE

PLANTING MODULE REFERENCE NOTES

- Quantities of plants within module to be distributed within the associated understory planting mix boundary (as indicated by hatch graphic). Field verify redistribution with Landscape Architect prior to planting.
- Where module extends into hardscape or beyond limits of associated hatch, distribute balance of plant material into adjacent areas within the associated hatch.
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PLANTING MODULE SYMBOL LEGEND

- PLANTING MODULE REFERENCE EXTENT
- PLANTING MODULE SPREAD BOUNDARY



KEY MAP



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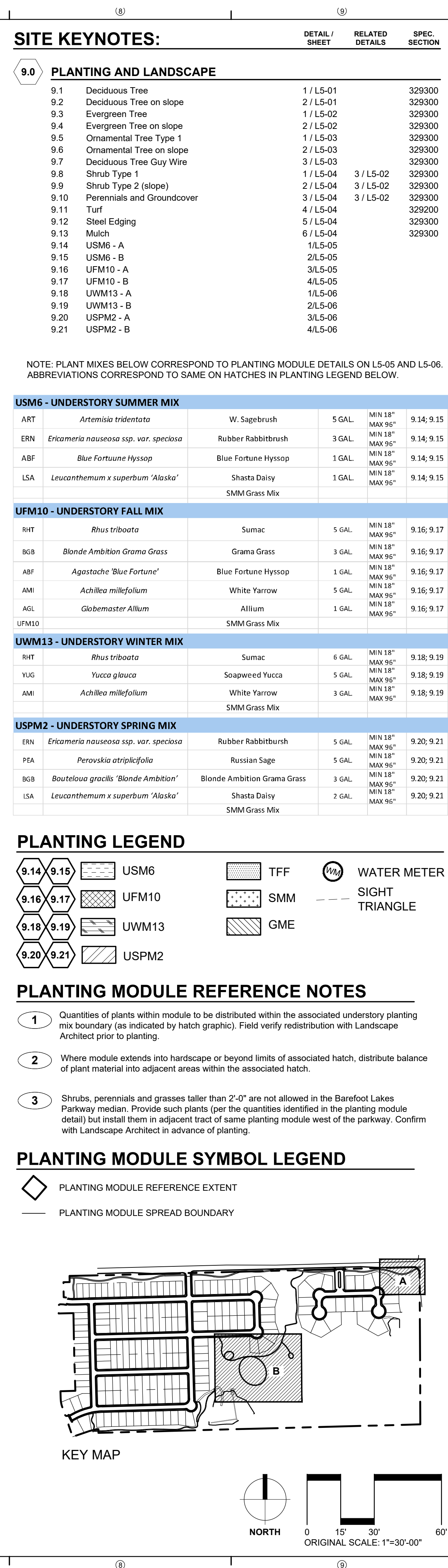
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PLANTING
MODULES

SHEET NUMBER

L4A-02

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SITE KEYNOTES:		DETAIL / SHEET	RELATED DETAILS	SPEC. SECTION
9.0	PLANTING AND LANDSCAPE			
9.1	Deciduous Tree	1 / L5-01		329300
9.2	Deciduous Tree on slope	2 / L5-01		329300
9.3	Evergreen Tree	1 / L5-02		329300
9.4	Evergreen Tree on slope	2 / L5-02		329300
9.5	Ornamental Tree Type 1	1 / L5-03		329300
9.6	Ornamental Tree on slope	2 / L5-03		329300
9.7	Deciduous Tree Guy Wire	3 / L5-03		329300
9.8	Shrub Type 1	1 / L5-04	3 / L5-02	329300
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02	329300
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02	329300
9.11	Turf	4 / L5-04		329200
9.12	Steel Edging	5 / L5-04		329300
9.13	Mulch	6 / L5-04		329300
9.14	USM6 - A	1/L5-05		
9.15	USM6 - B	2/L5-05		
9.16	UFM10 - A	3/L5-05		
9.17	UFM10 - B	4/L5-05		
9.18	UWM13 - A	1/L5-06		
9.19	UWM13 - B	2/L5-06		
9.20	USPM2 - A	3/L5-06		
9.21	USPM2 - B	4/L5-06		

NOTE: PLANT MIXES BELOW CORRESPOND TO PLANTING MODULE DETAILS ON L5-05 AND L5-06. ABBREVIATIONS CORRESPOND TO SAME ON HATCHES IN PLANTING LEGEND BELOW.

USM6 - UNDERSTORY SUMMER MIX					
ART	<i>Artemisia tridentata</i>	W. Sagebrush	5 GAL.	MIN 18" MAX 96"	9.14; 9.15
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbrush	3 GAL.	MIN 18" MAX 96"	9.14; 9.15
ABF	<i>Blue Fortune</i> Hyssop	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.14; 9.15
LSA	<i>Leucanthemum x superbum</i> "Alaska"	Shasta Daisy	1 GAL.	MIN 18" MAX 96"	9.14; 9.15
		SMM Grass Mix			

UFM10 - UNDERSTORY FALL MIX					
RHT	<i>Rhus triboata</i>	Sumac	5 GAL.	MIN 18" MAX 96"	9.16; 9.17
BGB	<i>Blonde Ambition</i> Grama Grass	Grama Grass	3 GAL.	MIN 18" MAX 96"	9.16; 9.17
ABF	<i>Agastache</i> 'Blue Fortune'	Blue Fortune Hyssop	1 GAL.	MIN 18" MAX 96"	9.16; 9.17
AMI	<i>Achillea millefolium</i>	White Yarrow	5 GAL.	MIN 18" MAX 96"	9.16; 9.17
AGL	<i>Globemaster</i> Allium	Allium	1 GAL.	MIN 18" MAX 96"	9.16; 9.17
UFM10		SMM Grass Mix			

UWM13 - UNDERSTORY WINTER MIX					
RHT	<i>Rhus triboata</i>	Sumac	6 GAL.	MIN 18" MAX 96"	9.18; 9.19
YUG	<i>Yucca glauca</i>	Soapweed Yucca	5 GAL.	MIN 18" MAX 96"	9.18; 9.19
AMI	<i>Achillea millefolium</i>	White Yarrow	3 GAL.	MIN 18" MAX 96"	9.18; 9.19
		SMM Grass Mix			

USPM2 - UNDERSTORY SPRING MIX					
ERN	<i>Ericameria nauseosa</i> ssp. var. <i>speciosa</i>	Rubber Rabbitbush	5 GAL.	MIN 18" MAX 96"	9.20; 9.21
PEA	<i>Perovskia atriplicifolia</i>	Russian Sage	5 GAL.	MIN 18" MAX 96"	9.20; 9.21
BGB	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Grama Grass	3 GAL.	MIN 18" MAX 96"	9.20; 9.21
LSA	<i>Leucanthemum x superbum</i> "Alaska"	Shasta Daisy	2 GAL.	MIN 18" MAX 96"	9.20; 9.21
		SMM Grass Mix			

PLANTING LEGEND

9.14 9.15

9.16 9.17

9.18 9.19

9.20 9.21

USM6

UFM10

UWM13

USPM2

TFF

SMM

GME

WATER METER

SIGHT TRIANGLE

- PLANTING MODULE REFERENCE NOTES
- 1

Quantities of plants within module to be distributed within the associated understory planting mix boundary (as indicated by hatch graphic). Field verify redistribution with Landscape Architect prior to planting.
- 2

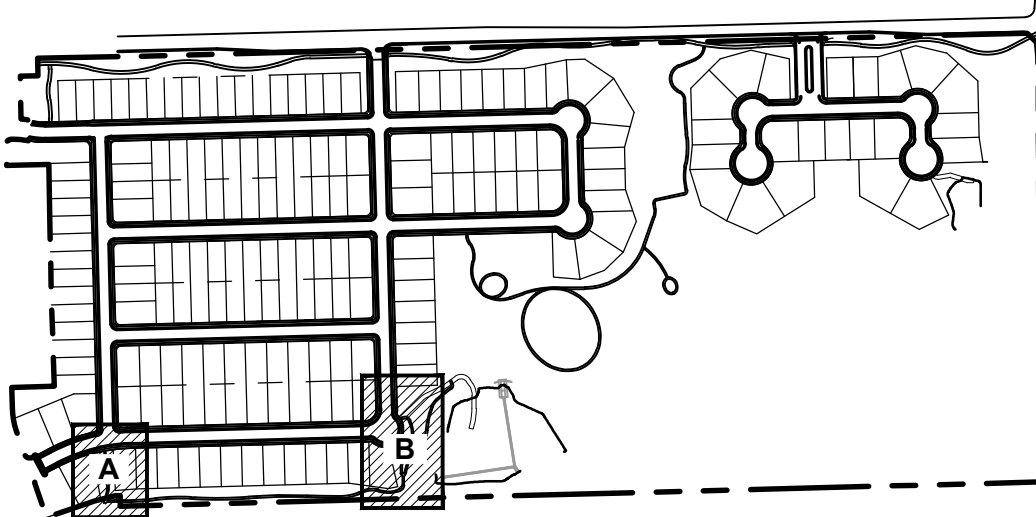
Where module extends into hardscape or beyond limits of associated hatch, distribute balance of plant material into adjacent areas within the associated hatch.
- 3

Shrubs, perennials and grasses taller than 2'-0" are not allowed in the Barefoot Lakes Parkway median. Provide such plants (per the quantities identified in the planting module detail) but install them in adjacent tract of same planting module west of the parkway. Confirm with Landscape Architect in advance of planting.

PLANTING MODULE SYMBOL LEGEND

PLANTING MODULE REFERENCE EXTENT

PLANTING MODULE SPREAD BOUNDARY



KEY MAP



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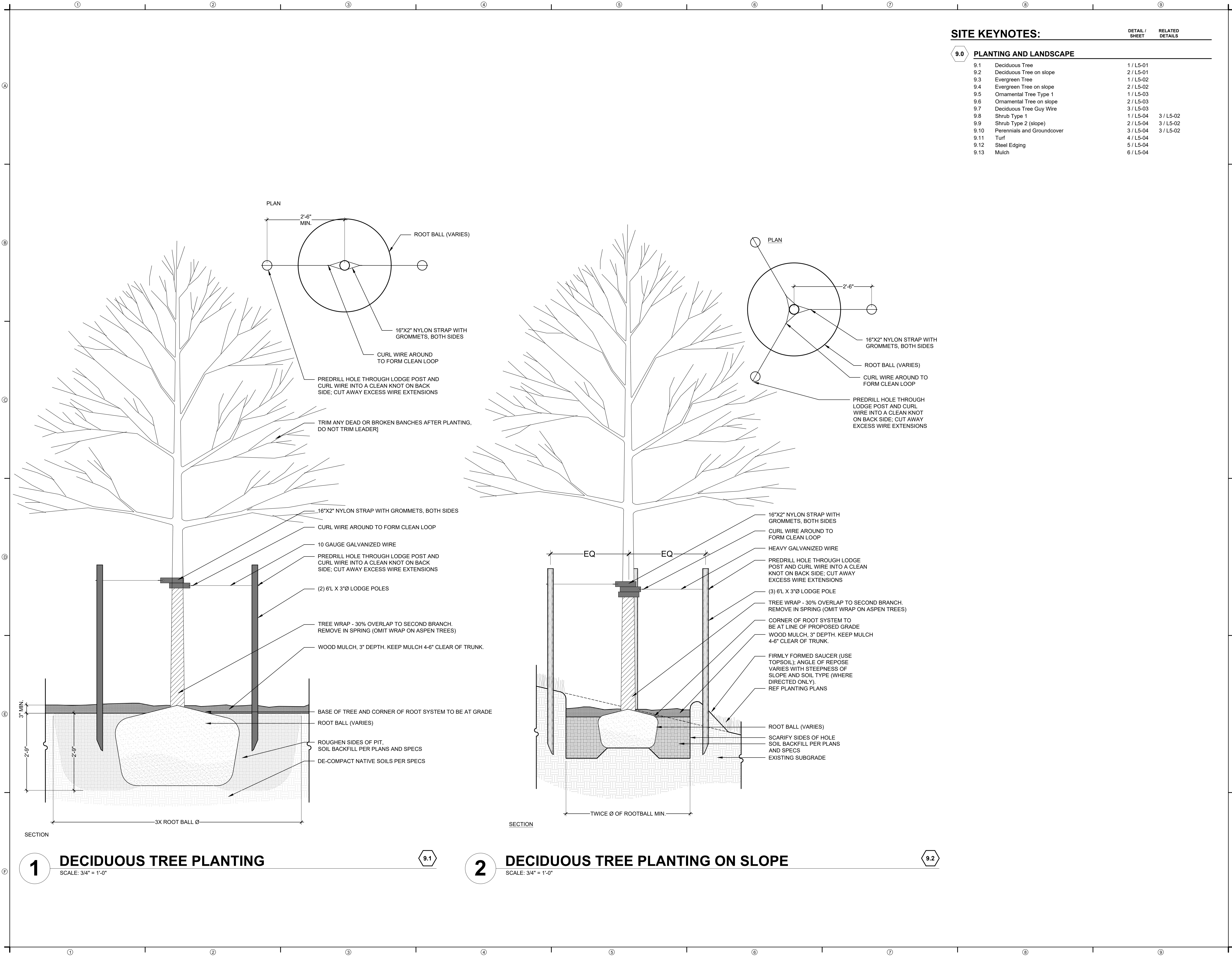
PLANTING
MODULES

SHEET NUMBER

L4A-04

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Jan 21, 2022 - 3:28pm
C:\Users\larry\AppData\Local\Temp\AcPublish_5542020W\5311-L5-Planting Details.dwg



SITE KEYNOTES:

9.0 PLANTING AND LANDSCAPE

		DETAIL / SHEET	RELATED DETAILS
9.1	Deciduous Tree	1 / L5-01	
9.2	Deciduous Tree on slope	2 / L5-01	
9.3	Evergreen Tree	1 / L5-02	
9.4	Evergreen Tree on slope	2 / L5-02	
9.5	Ornamental Tree Type 1	1 / L5-03	
9.6	Ornamental Tree on slope	2 / L5-03	
9.7	Deciduous Tree Guy Wire	3 / L5-03	
9.8	Shrub Type 1	1 / L5-04	3 / L5-02
9.9	Shrub Type 2 (slope)	2 / L5-04	3 / L5-02
9.10	Perennials and Groundcover	3 / L5-04	3 / L5-02
9.11	Turf	4 / L5-04	
9.12	Steel Edging	5 / L5-04	
9.13	Mulch	6 / L5-04	

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PLANTING
DETAILS

SHEET NUMBER

L5-01

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PLANTING
DETAILS

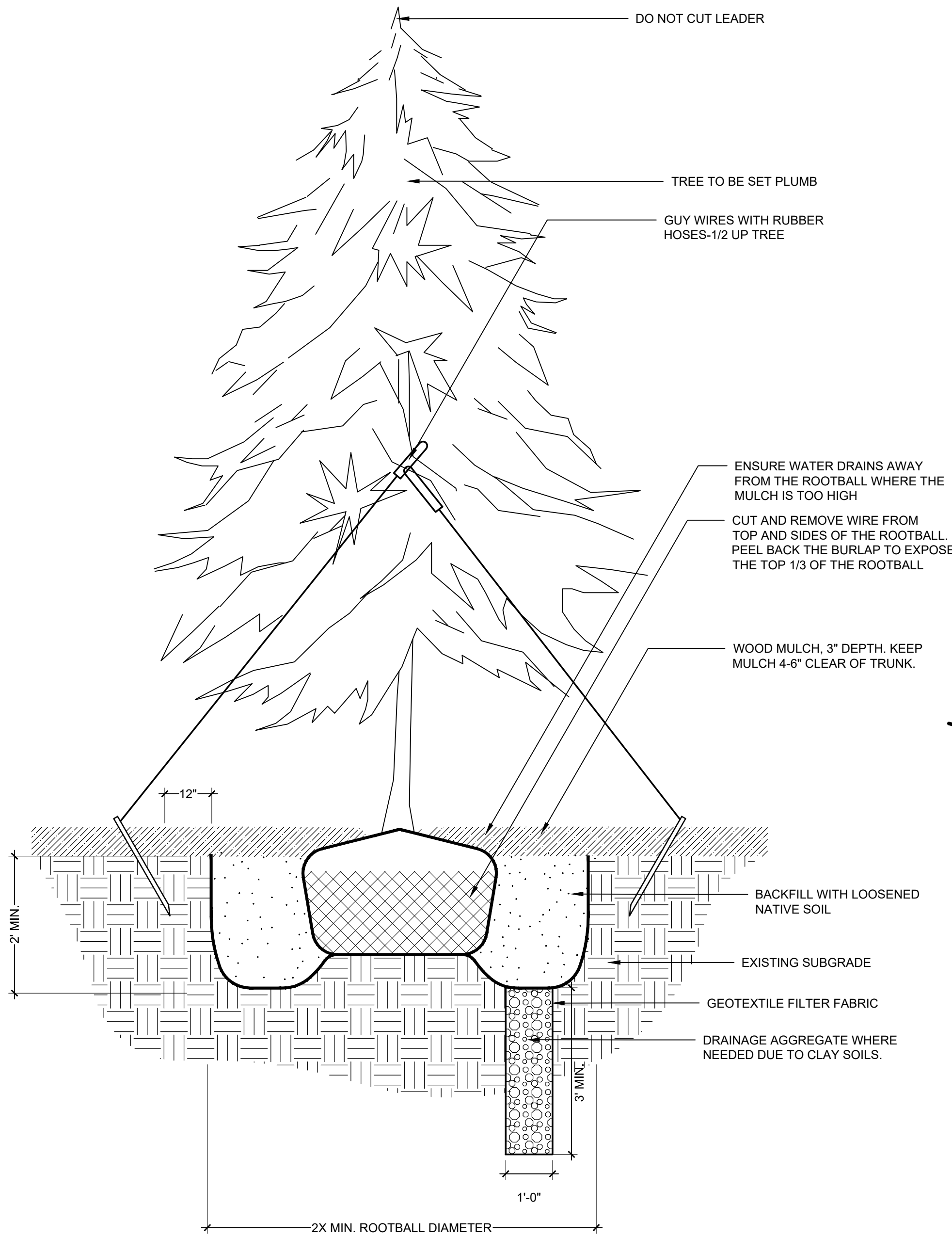
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L5-02

SITE KEYNOTES:

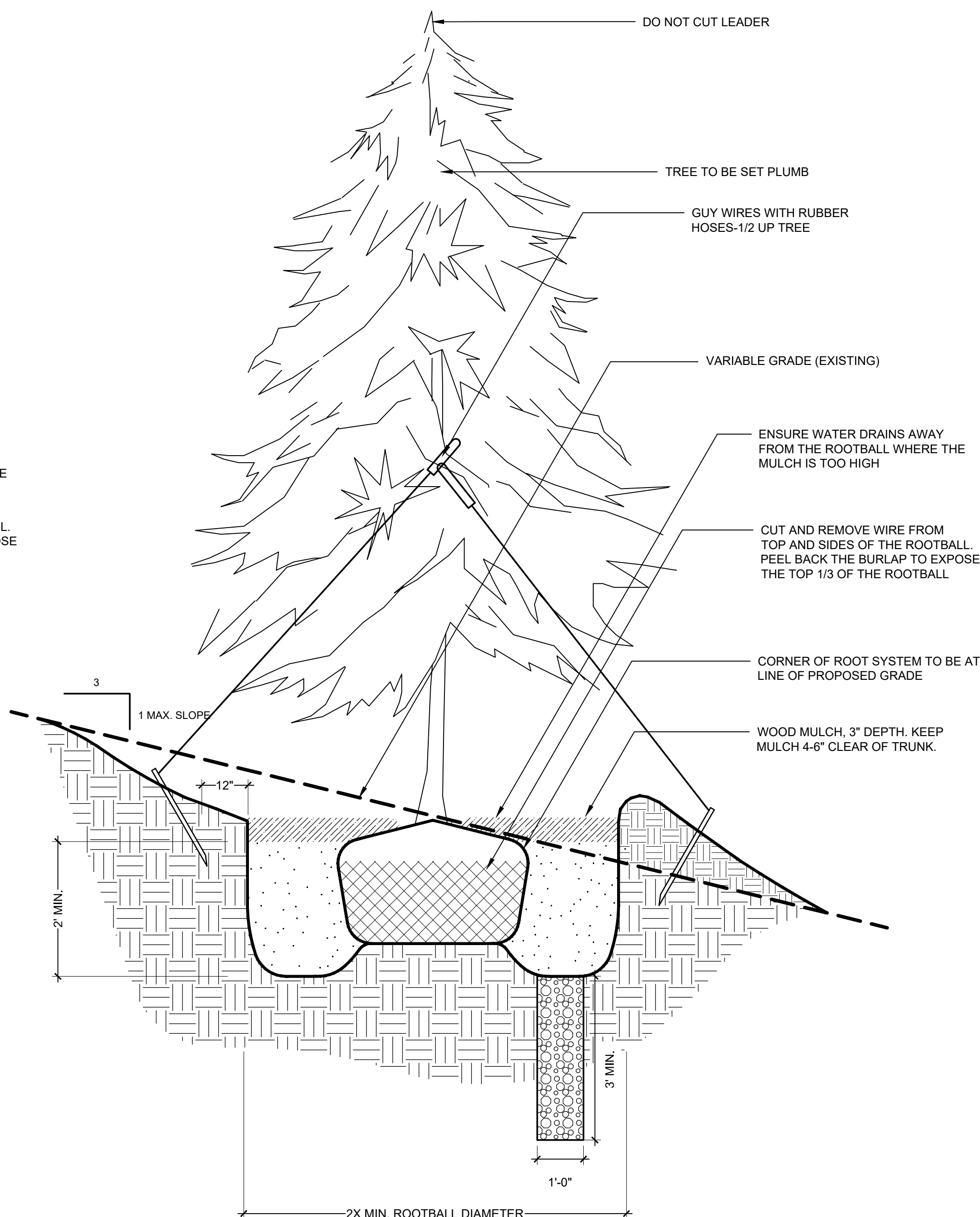
9.0 PLANTING AND LANDSCAPE

	DETAIL / SHEET	RELATED DETAILS
9.1	Deciduous Tree	1 / L5-01
9.2	Deciduous Tree on slope	2 / L5-01
9.3	Evergreen Tree	1 / L5-02
9.4	Evergreen Tree on slope	2 / L5-02
9.5	Ornamental Tree Type 1	1 / L5-03
9.6	Ornamental Tree on slope	2 / L5-03
9.7	Deciduous Tree Guy Wire	3 / L5-03
9.8	Shrub Type 1	1 / L5-04
9.9	Shrub Type 2 (slope)	2 / L5-04
9.10	Perennials and Groundcover	3 / L5-04
9.11	Turf	4 / L5-04
9.12	Steel Edging	5 / L5-04
9.13	Mulch	6 / L5-04



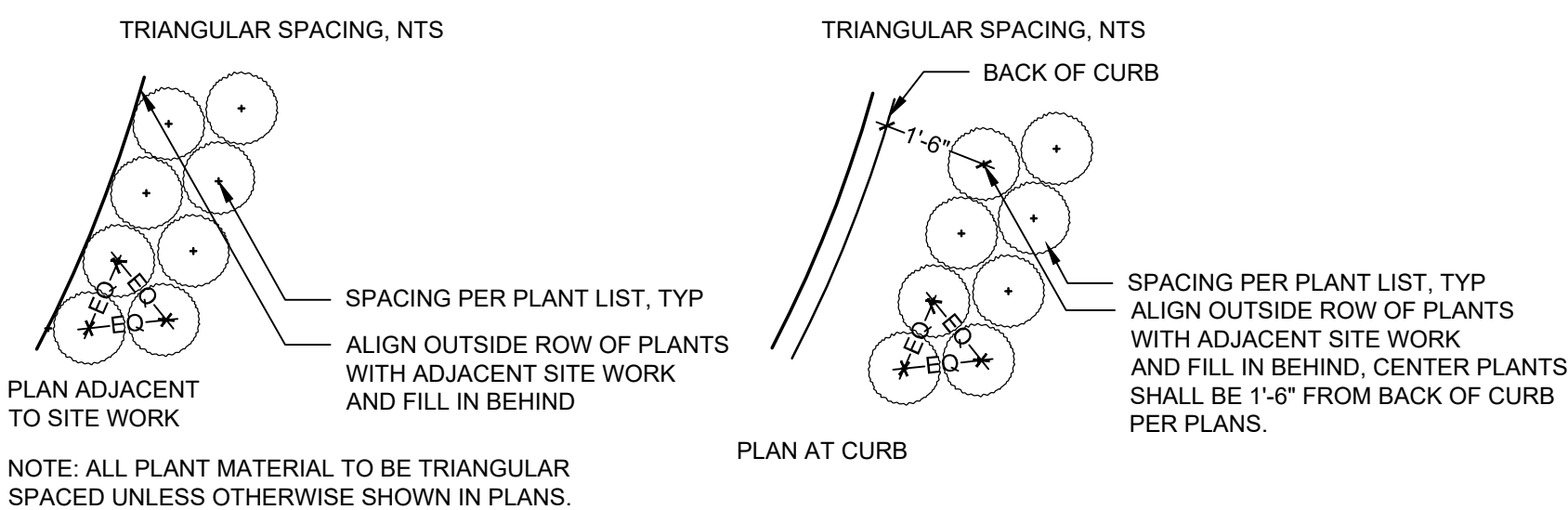
1 EVERGREEN TREE PLANTING

SCALE: 3/4" = 1'-0"



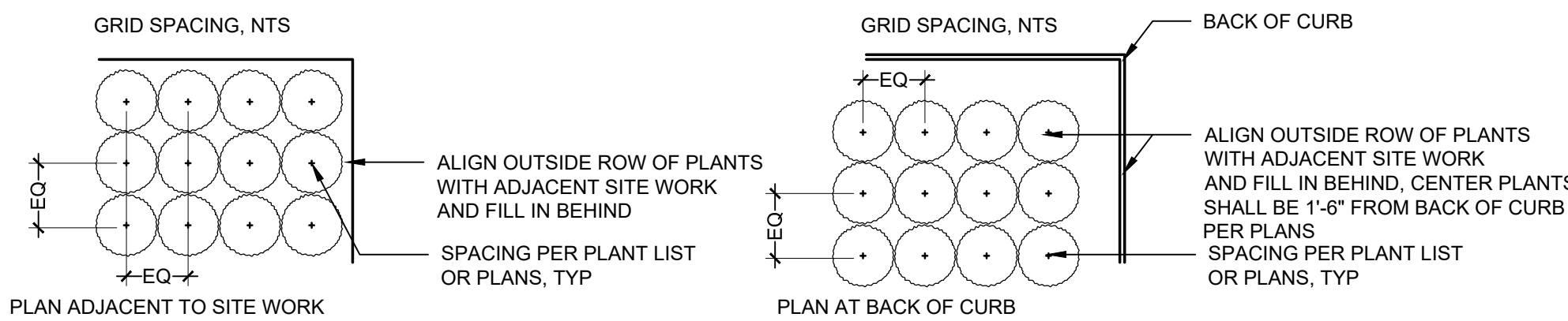
2 EVERGREEN TREE PLANTING ON SLOPE

SCALE: 3/4" = 1'-0"



3 SHRUB, PERENNIAL, GRASS AND GROUNDCOVER LAYOUT

NOT TO SCALE



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PROJECT NUMBER: 5311

PLANTING
DETAILS

SHEET NUMBER

L5-03

SITE KEYNOTES:

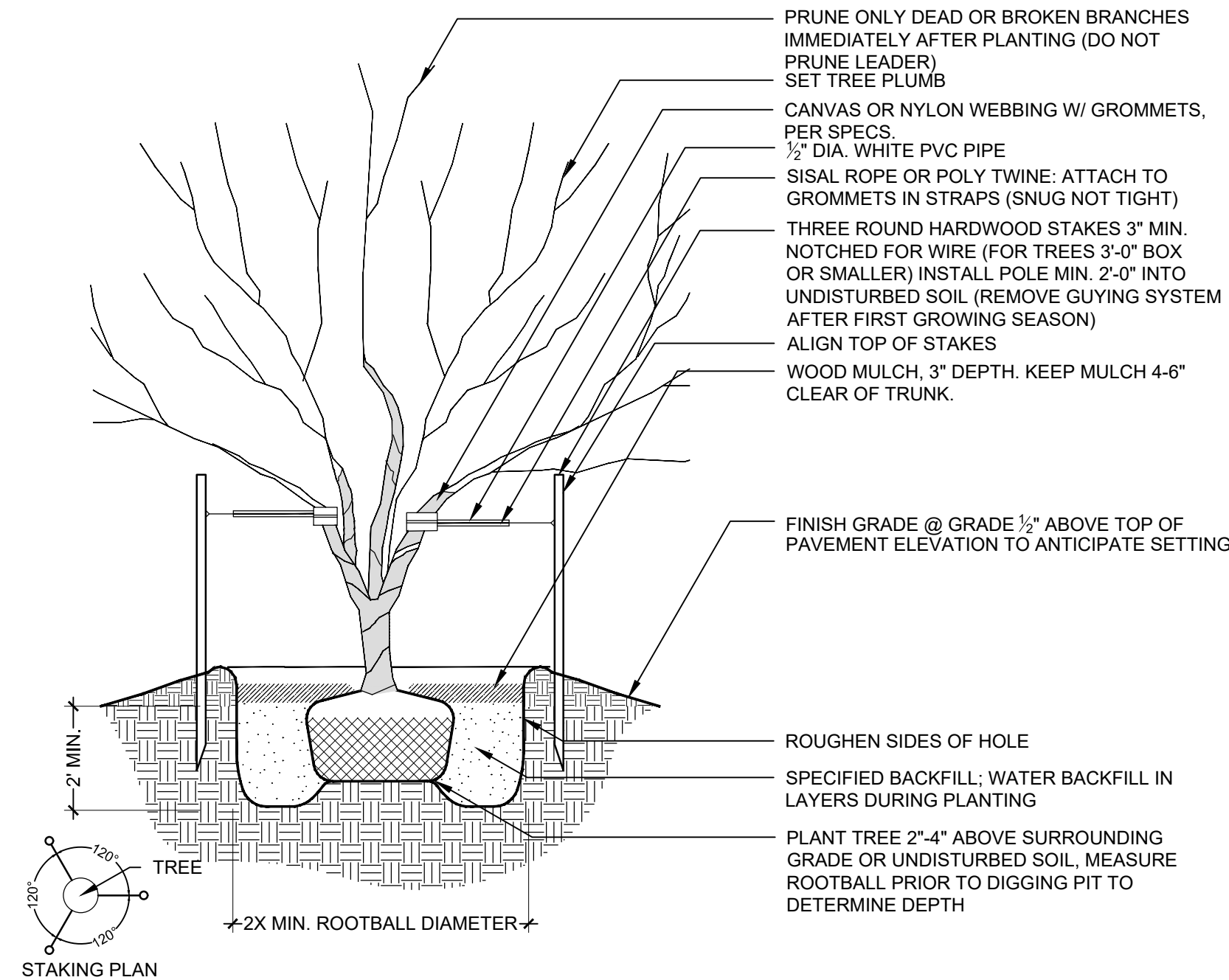
9.0 PLANTING AND LANDSCAPE

	DETAIL / SHEET	RELATED DETAILS
9.1	Deciduous Tree	1 / L5-01
9.2	Deciduous Tree on slope	2 / L5-01
9.3	Evergreen Tree	1 / L5-02
9.4	Evergreen Tree on slope	2 / L5-02
9.5	Ornamental Tree Type 1	1 / L5-03
9.6	Ornamental Tree on slope	2 / L5-03
9.7	Deciduous Tree Guy Wire	3 / L5-03
9.8	Shrub Type 1	1 / L5-04
9.9	Shrub Type 2 (slope)	2 / L5-04
9.10	Perennials and Groundcover	3 / L5-04
9.11	Turf	4 / L5-04
9.12	Steel Edging	5 / L5-04
9.13	Mulch	6 / L5-04

1 ORNAMENTAL TREE PLANTING

SCALE: 1/4" = 1'-0"

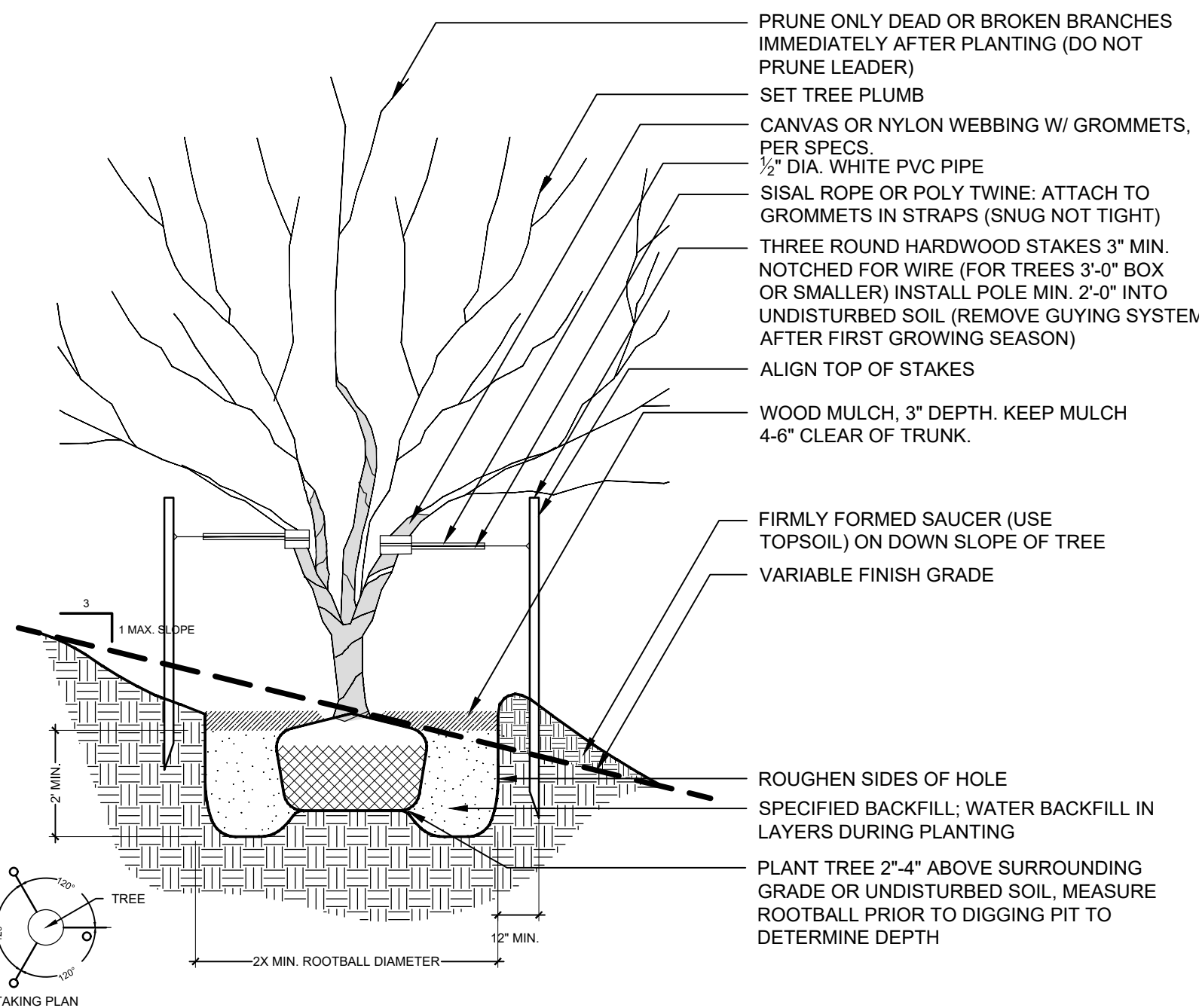
9.5



2 ORNAMENTAL PLANTING ON SLOPE

SCALE: 1/4" = 1'-0"

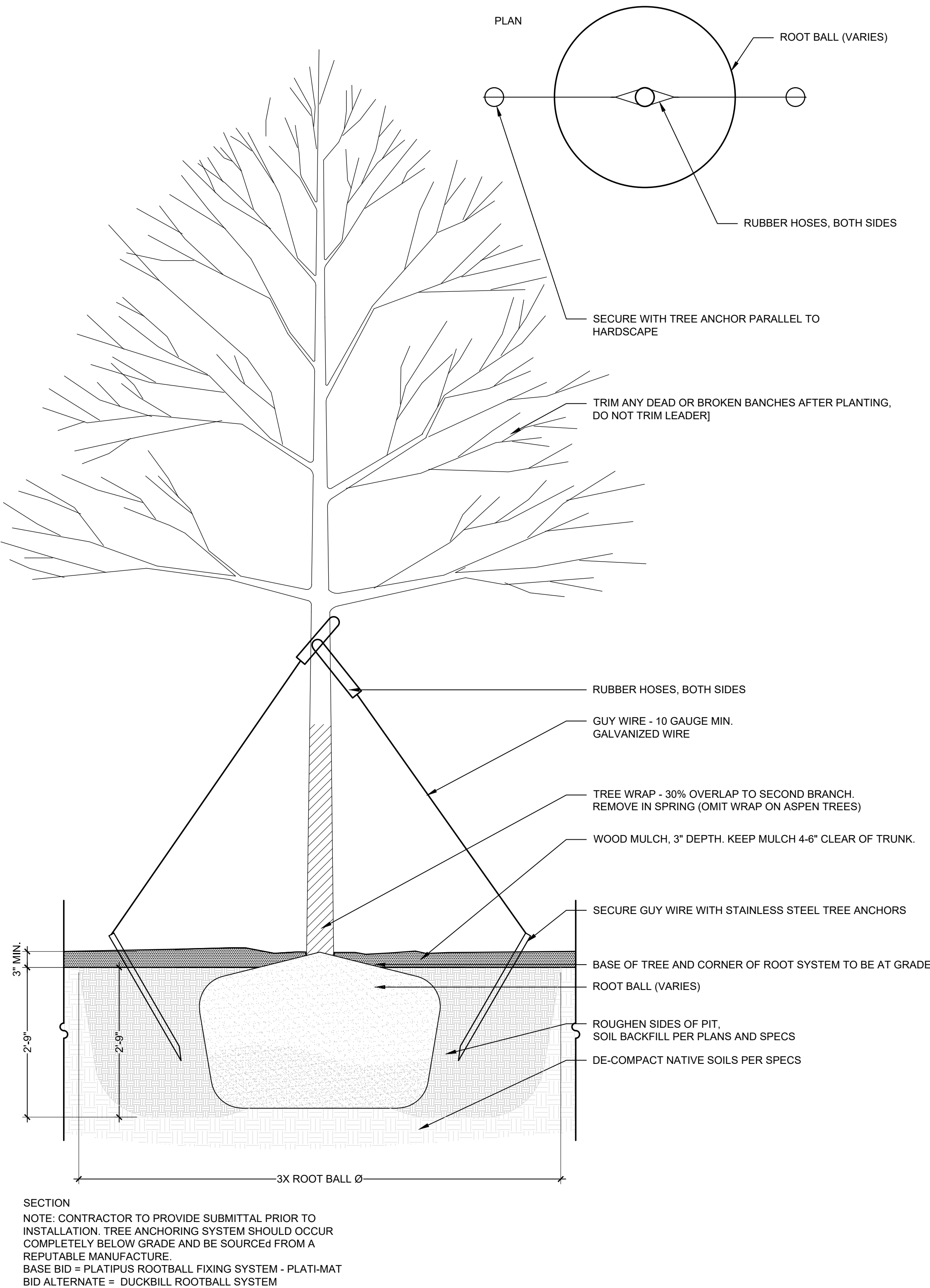
9.6



3 DECIDUOUS PLANTING - GUY WIRE

SCALE: 1/4" = 1'-0"

9.7



SECTION

NOTE: CONTRACTOR TO PROVIDE SUBMITTAL PRIOR TO INSTALLATION. TREE ANCHORING SYSTEM SHOULD OCCUR COMPLETELY BELOW GRADE AND BE SOURCED FROM A REPUTABLE MANUFACTURE. BASE BID = PLATIPUS ROOTBALL FIXING SYSTEM - PLATI-MAT BID ALTERNATE = DUCKBILL ROOTBALL SYSTEM

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DETAILS

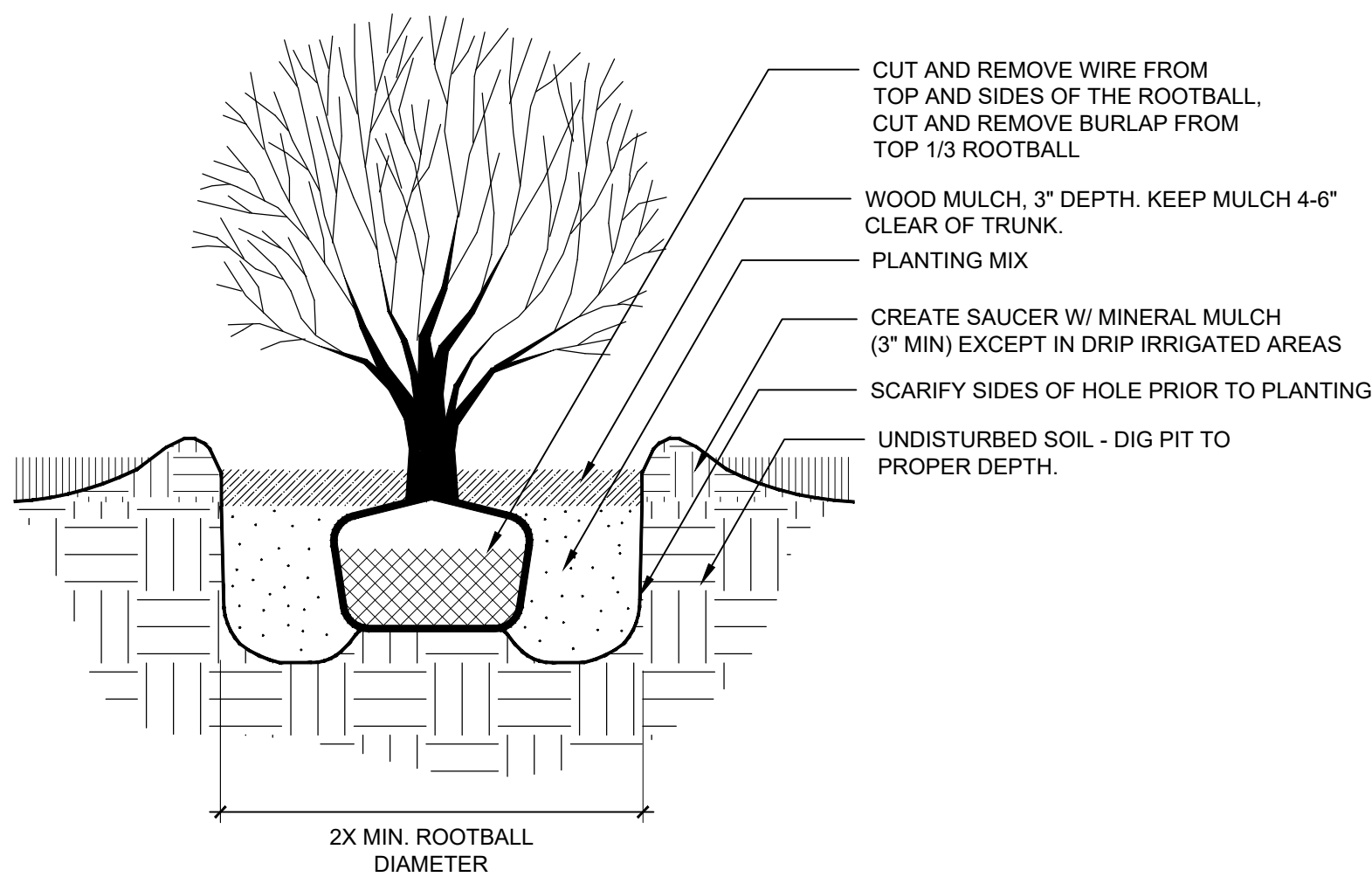
SHEET NUMBER

L5-04

SITE KEYNOTES:

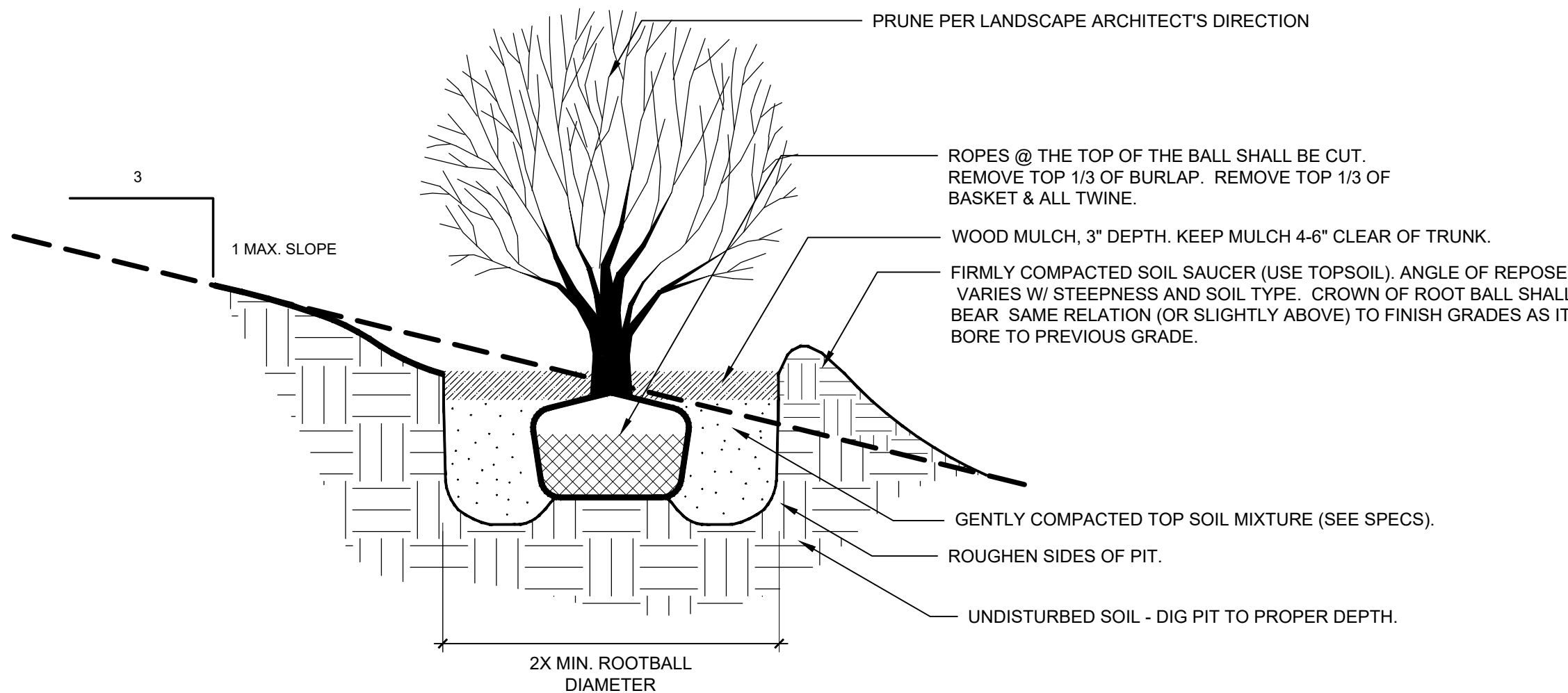
9.0 PLANTING AND LANDSCAPE

DETAIL / SHEET	RELATED DETAILS
9.1 Deciduous Tree	1 / L5-01
9.2 Deciduous Tree on slope	2 / L5-01
9.3 Evergreen Tree	1 / L5-02
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9.7 Deciduous Tree Guy Wire	3 / L5-03
9.8 Shrub Type 1	1 / L5-04
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9.10 Perennials and Groundcover	3 / L5-04
9.11 Turf	4 / L5-04
9.12 Steel Edging	5 / L5-04
9.13 Mulch	6 / L5-04



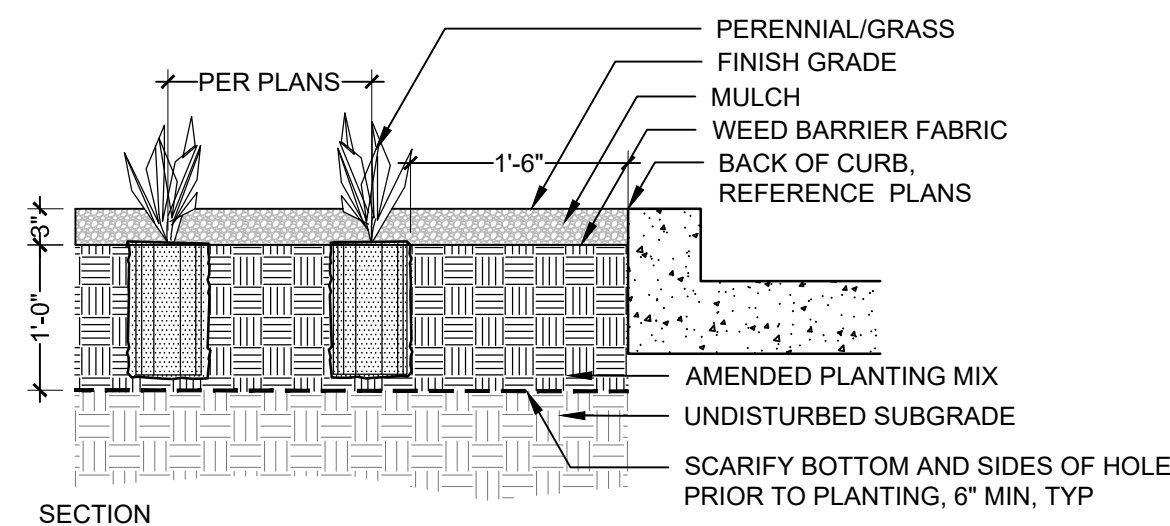
1 SHRUB PLANTING

SCALE: 3/4" = 1'-0"



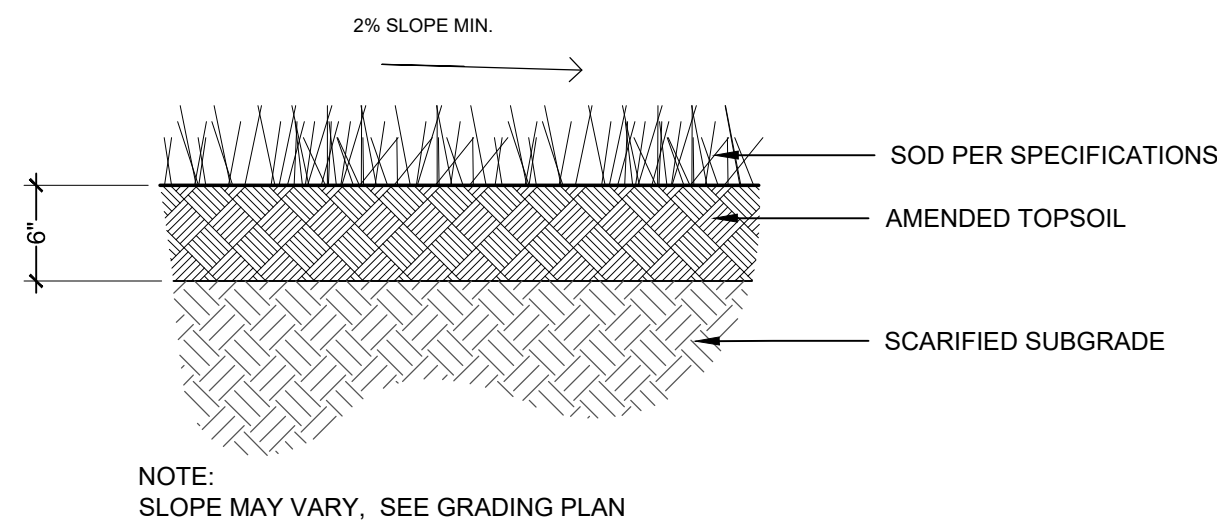
2 SHRUB PLANTING SLOPE

SCALE: 3/4" = 1'-0"



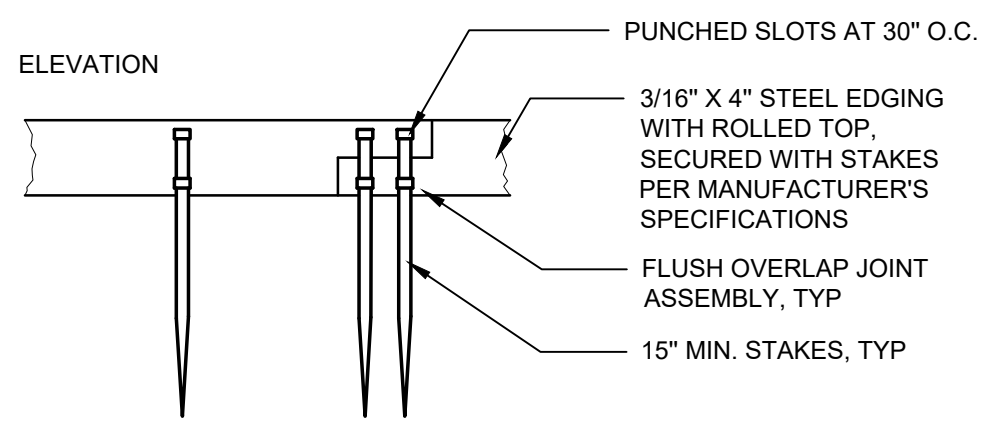
3 PERENNIAL/GROUNDCOVER PLANTING

SCALE: 3/4" = 1'-0"



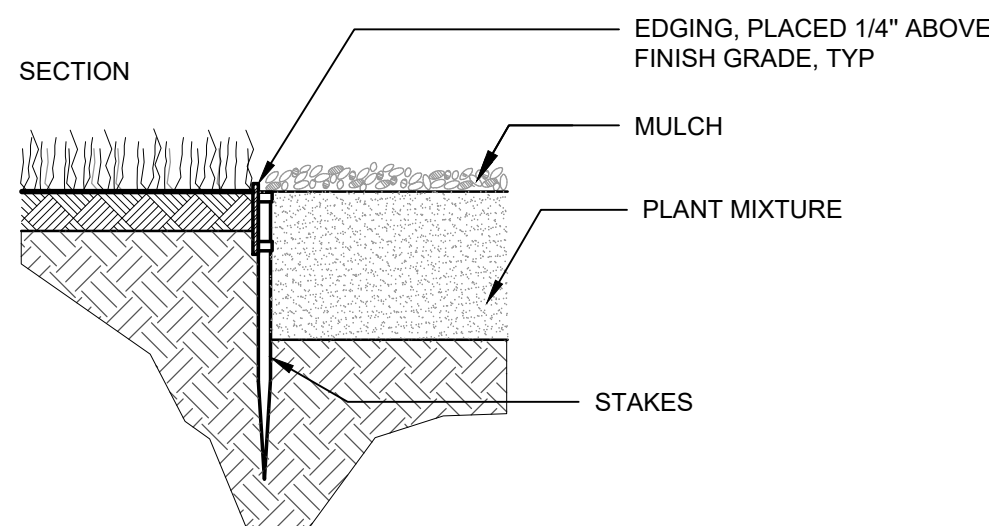
4 TURF PLANTING

SCALE: 3/4" = 1'-0"



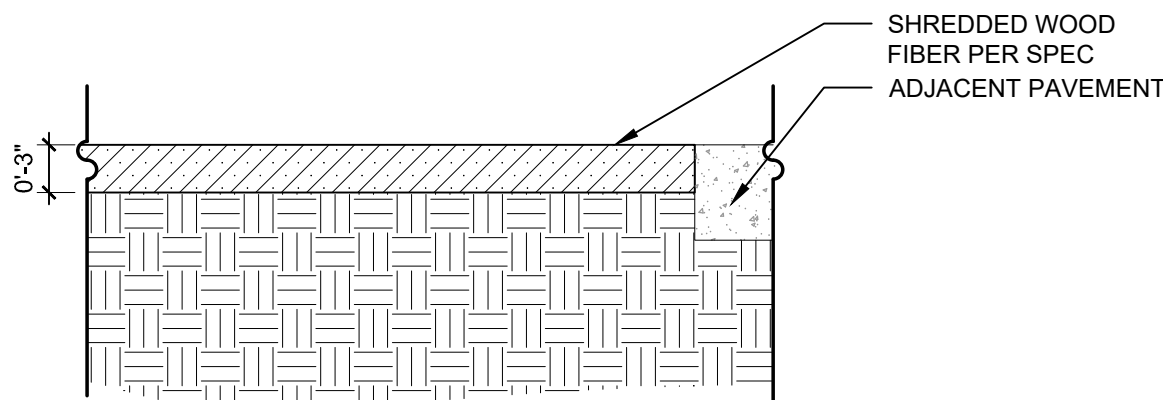
5 STEEL EDGER

SCALE: 3/4" = 1'-0"



6 MULCH

SCALE: 3/4" = 1'-0"



9.13

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9.17

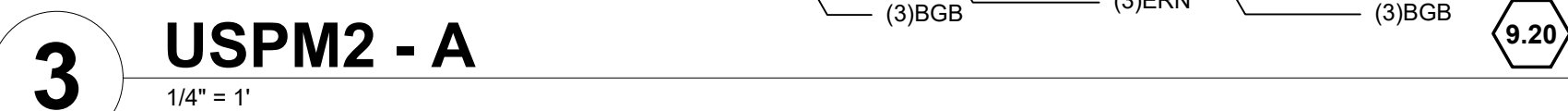
**TOWN OF FIRESTONE
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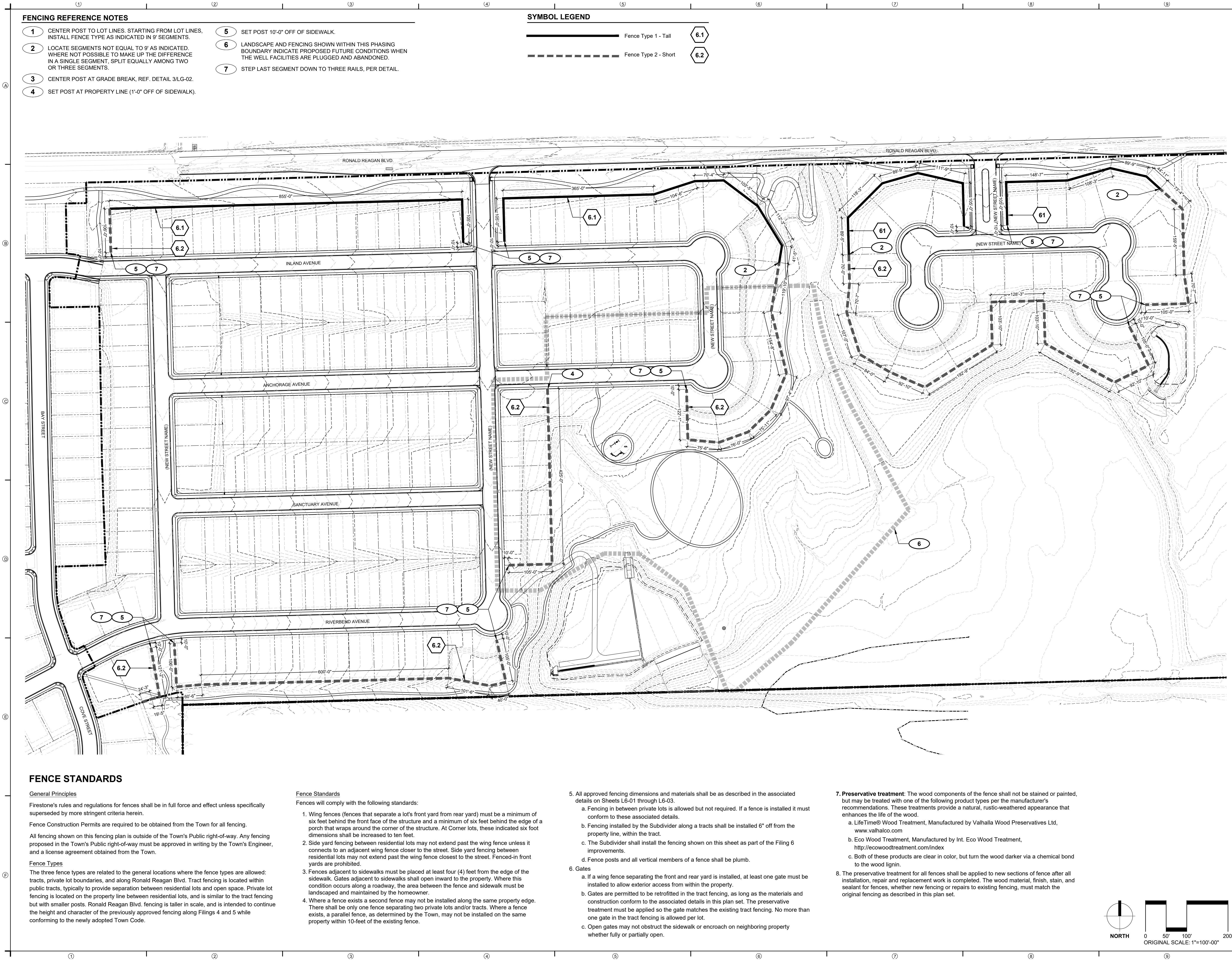
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DETAIL / SHEET	RELATED DETAILS
----------------	-----------------

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9.2	Deciduous Tree on slope	2/L5-01	
9.3	Evergreen Tree	1/L5-02	
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9.5	Ornamental Tree Type 1	1/L5-03	
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9.7	Deciduous Tree Guy Wire	3/L5-03	
9.8	Shrub Type 1	1/L5-04	3/L5-0
9.9	Shrub Type 2 (slope)	2/L5-04	3/L5-0
9.10	Perennials and Groundcover	3/L5-04	3/L5-0
9.11	Turf	4/L5-04	
9.12	Steel Edging	5/L5-04	
9.13	Mulch	6/L5-04	

9.14	9.15		USM6		TFF		WATER METER
9.16	9.17		UFM10		SMM		SIGHT TRIANGLE
9.18	9.19		UWM13		GME		
9.20	9.21		USPM2				





FENCING REFERENCE NOTES

- 1 CENTER POST TO LOT LINES. STARTING FROM LOT LINES, INSTALL FENCE TYPE AS INDICATED IN 9' SEGMENTS.

2 LOCATE SEGMENTS NOT EQUAL TO 9' AS INDICATED. WHERE NOT POSSIBLE TO MAKE UP THE DIFFERENCE IN A SINGLE SEGMENT, SPLIT EQUALLY AMONG TWO OR THREE SEGMENTS.

3 CENTER POST AT GRADE BREAK, REF. DETAIL 3/LG-02.

4 SET POST AT PROPERTY LINE (1'-0" OFF OF SIDEWALK).
- 5 SET POST 10'-0" OFF OF SIDEWALK.

6 LANDSCAPE AND FENCING SHOWN WITHIN THIS PHASING BOUNDARY INDICATE PROPOSED FUTURE CONDITIONS WHEN THE WELL FACILITIES ARE PLUGGED AND ABANDONED.

7 STEP LAST SEGMENT DOWN TO THREE RAILS, PER DETAIL.

SYMBOL LEGEND

- Fence Type 1 - Tall

--- Fence Type 2 - Short
- 6.1

6.2

FENCE STANDARDS

General Principles

Firestone's rules and regulations for fences shall be in full force and effect unless specifically superseded by more stringent criteria herein.

Fence Construction Permits are required to be obtained from the Town for all fencing.

All fencing shown on this fencing plan is outside of the Town's Public right-of-way. Any fencing proposed in the Town's Public right-of-way must be approved in writing by the Town's Engineer, and a license agreement obtained from the Town.

Fence Types

The three fence types are related to the general locations where the fence types are allowed: tracts, private lot boundaries, and along Ronald Reagan Blvd. Tract fencing is located within public tracts, typically to provide separation between residential lots and open space. Private lot fencing is located on the property line between residential lots, and is similar to the tract fencing but with smaller posts. Ronald Reagan Blvd. fencing is taller in scale, and is intended to continue the height and character of the previously approved fencing along Filings 4 and 5 while conforming to the newly adopted Town Code.

Fence Standards

Fences will comply with the following standards:

- Wing fences (fences that separate a lot's front yard from rear yard) must be a minimum of six feet behind the front face of the structure and a minimum of six feet behind the edge of a porch that wraps around the corner of the structure. At Corner lots, these indicated six foot dimensions shall be increased to ten feet.
- Side yard fencing between residential lots may not extend past the wing fence unless it connects to an adjacent wing fence closer to the street. Side yard fencing between residential lots may not extend past the wing fence closest to the street. Fenced-in front yards are prohibited.
- Fences adjacent to sidewalks must be placed at least four (4) feet from the edge of the sidewalk. Gates adjacent to sidewalks shall open inward to the property. Where this condition occurs along a roadway, the area between the fence and sidewalk must be landscaped and maintained by the homeowner.
- Where a fence exists a second fence may not be installed along the same property edge. There shall be only one fence separating two private lots and/or tracts. Where a fence exists, a parallel fence, as determined by the Town, may not be installed on the same property within 10-feet of the existing fence.

5. All approved fencing dimensions and materials shall be as described in the associated details on Sheets L6-01 through L6-03.

- Fencing in between private lots is allowed but not required. If a fence is installed it must conform to these associated details.
- Fencing installed by the Subdivider along a tracts shall be installed 6" off from the property line, within the tract.
- The Subdivider shall install the fencing shown on this sheet as part of the Filing 6 improvements.
- Fence posts and all vertical members of a fence shall be plumb.

6. Gates

- If a wing fence separating the front and rear yard is installed, at least one gate must be installed to allow exterior access from within the property.
- Gates are permitted to be retrofitted in the tract fencing, as long as the materials and construction conform to the associated details in this plan set. The preservative treatment must be applied so the gate matches the existing tract fencing. No more than one gate in the tract fencing is allowed per lot.
- Open gates may not obstruct the sidewalk or encroach on neighboring property whether fully or partially open.

7. **Preservative treatment:** The wood components of the fence shall not be stained or painted, but may be treated with one of the following product types per the manufacturer's recommendations. These treatments provide a natural, rustic-weathered appearance that enhances the life of the wood.

- LifeTime® Wood Treatment, Manufactured by Valhalla Wood Preservatives Ltd, www.valhalco.com
- Eco Wood Treatment, Manufactured by Int. Eco Wood Treatment, <http://ecowoodtreatment.com/index>
- Both of these products are clear in color, but turn the wood darker via a chemical bond to the wood lignin.

8. The preservative treatment for all fences shall be applied to new sections of fence after all installation, repair and replacement work is completed. The wood material, finish, stain, and sealant for fences, whether new fencing or repairs to existing fencing, must match the original fencing as described in this plan set.



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FENCING PLAN

SHEET NUMBER

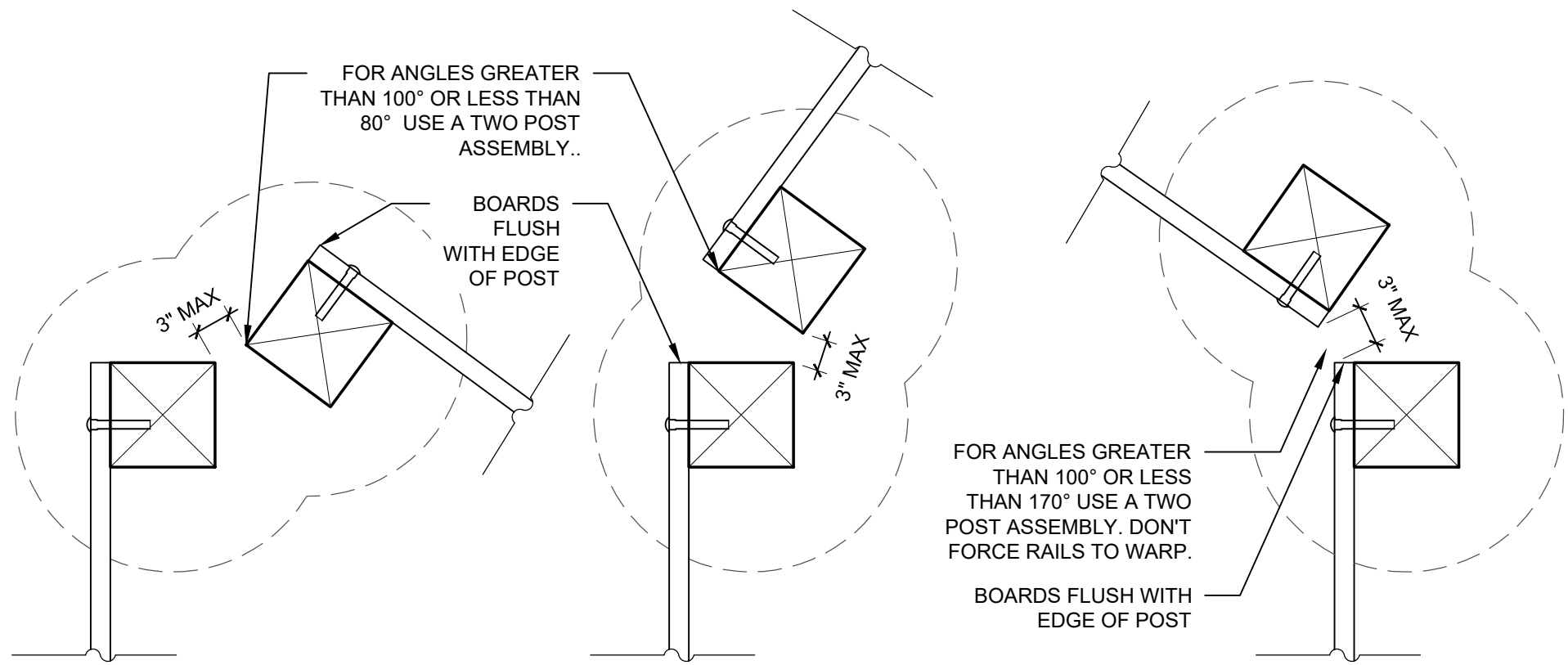
L6-00

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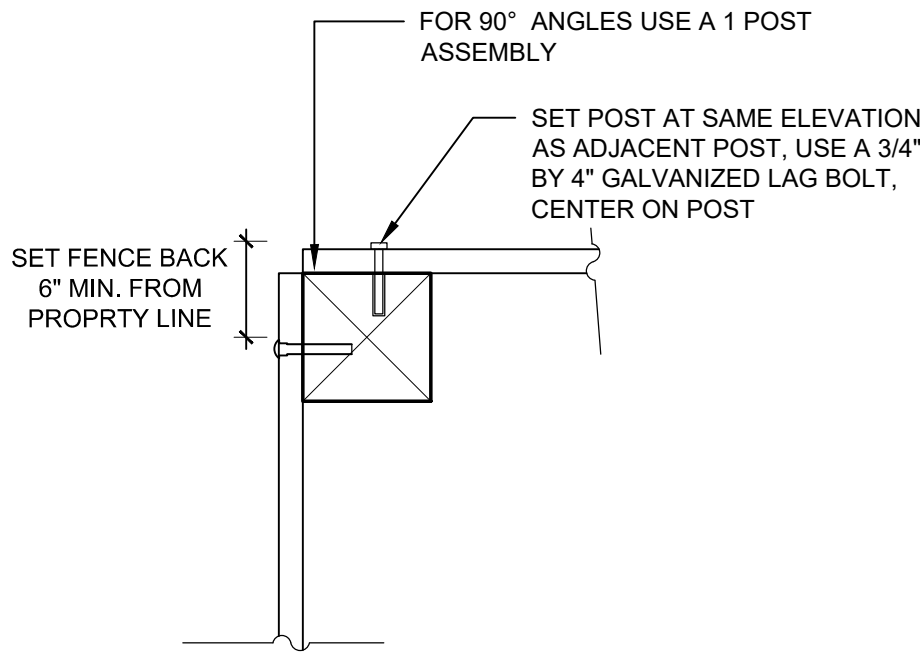
1 2 3 4 5 6 7 8 9

NOTE:

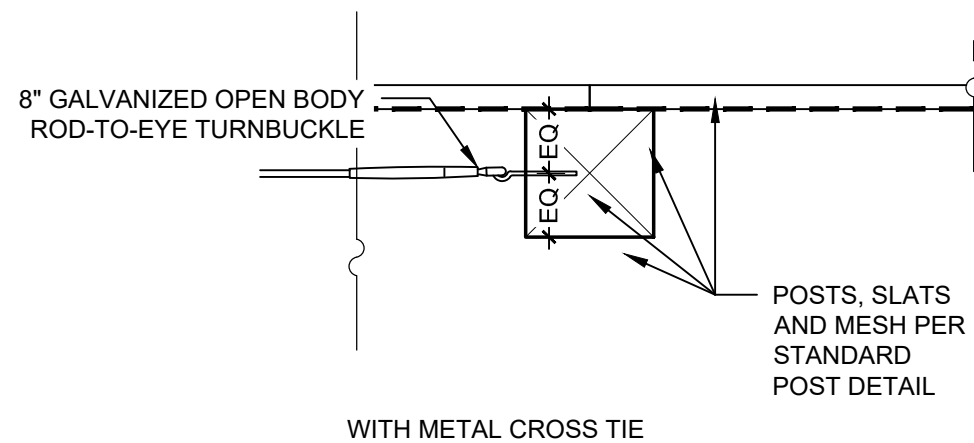
1. ALL FENCE COMPONENTS MUST BE INSTALLED WITHIN THE APPROPRIATE PROPERTY OR TRACT.
2. NO PORTION OF FENCING INSTALLED BY THE DEVELOPER IN THE DISTRACT TRACTS MAY ENCR OACH ON TO PRIVATE LOTS.
3. PRIVATE FENCES INSTALLED BY DEVELOPER, BUILDER, OR HOMEOWNER ARE TO BE LOCATED ON PRIVATE RESIDENTIAL LOT. NO PORTION MAY ENCR OACH ON TO TRACT.
4. RAILS TO BE FLAT AGAINST SURFACE OF POST. DO NOT FORCE RAILS TO WARP OR CURVE, AND DO NOT USE SHIMS OR BLOCKING TO ARTIFICIALLY ANGLE RAILS OUT FROM POSTS. SEE DETAIL BELOW FOR USE OF TWO POSTS AS NECESSARY.



POST AT IRREGULAR ANGLE CORNER



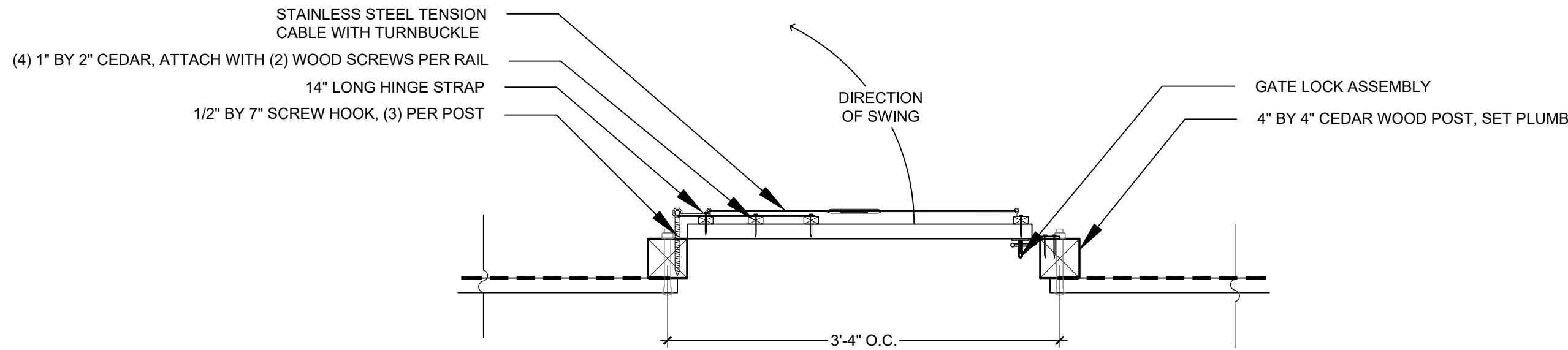
POST AT RIGHT ANGLE CORNER



STANDARD POST

1 TYPICAL POST CONNECTIONS

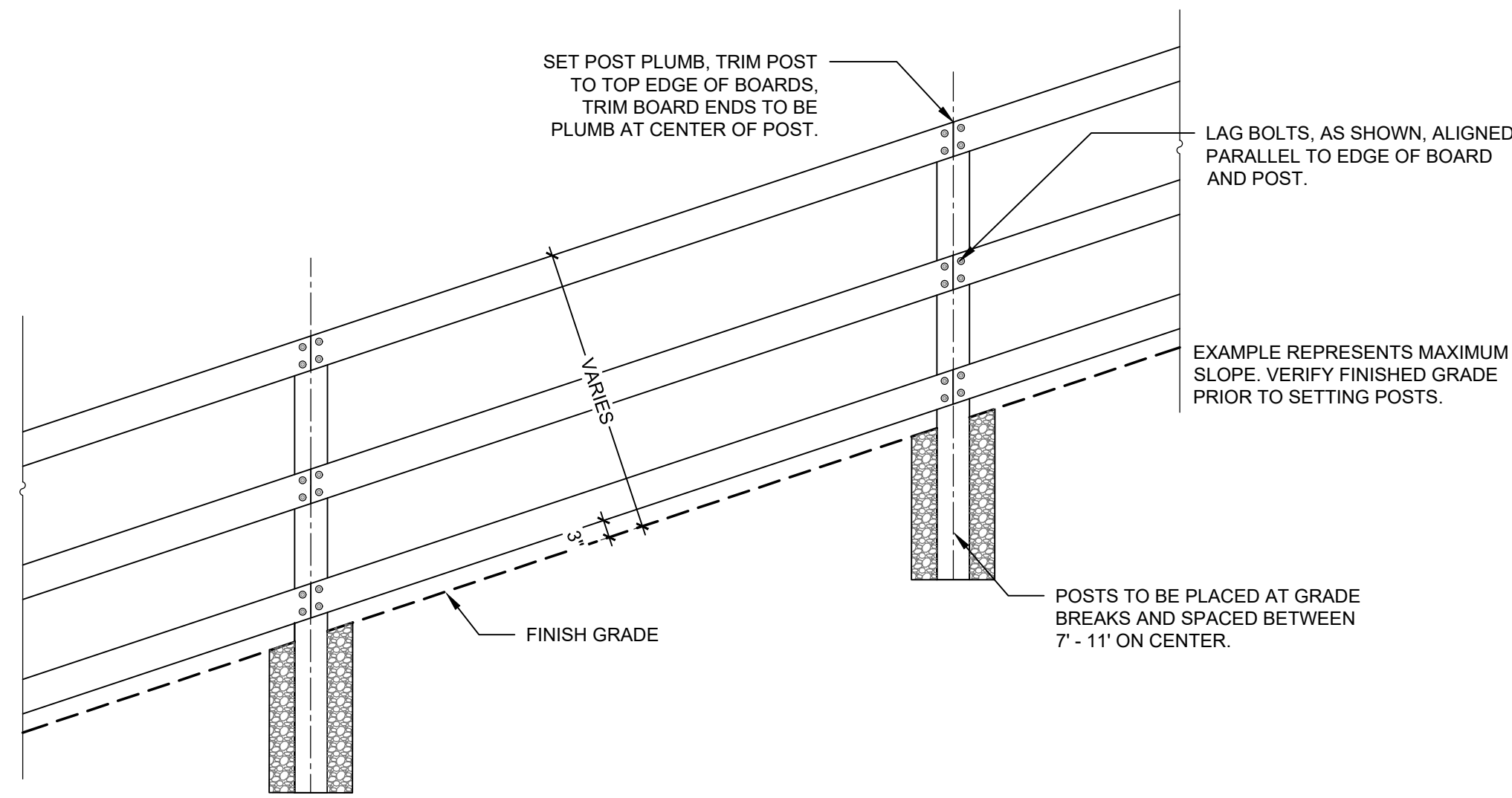
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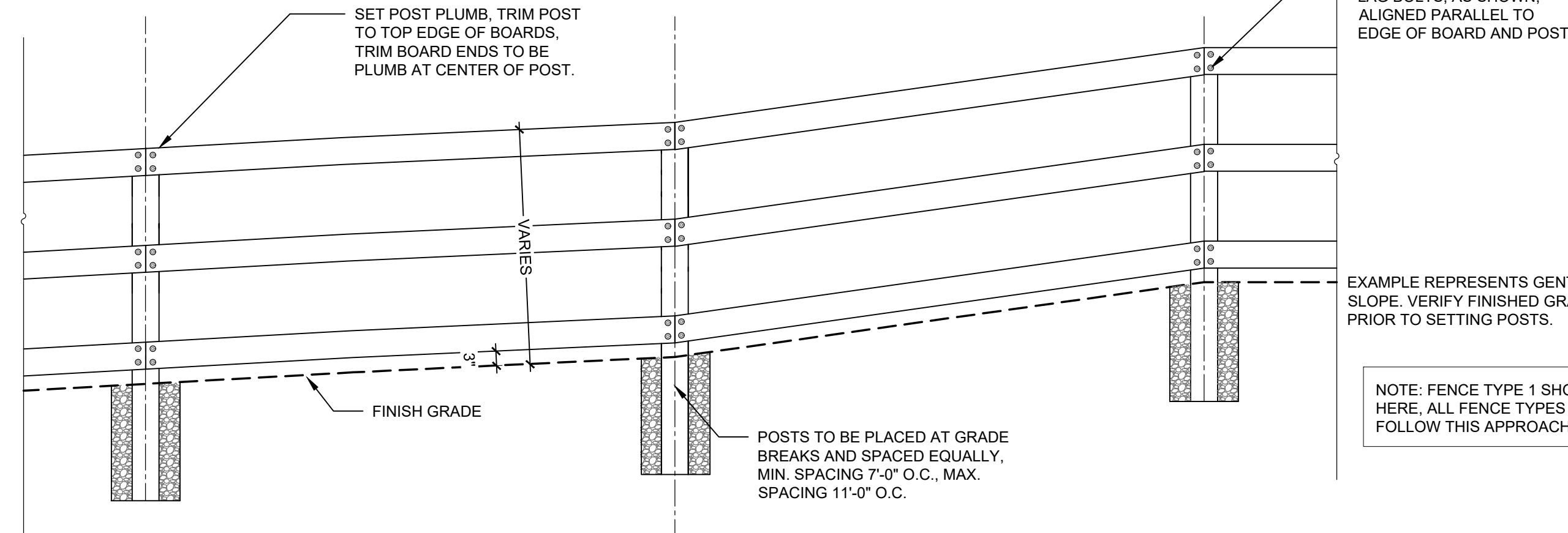
TYPICAL GATE

2 TYPICAL GATE POST CONNECTION

SCALE: 1" = 1'



3:1 SLOPE



GENTLE SLOPE

3 TYPICAL FENCE ON A SLOPED CONDITION

SCALE: 1/2" = 1'

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FENCING
DETAILS

SHEET NUMBER

L6-01

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1 2 3 4 5 6 7 8 9

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2	1.21.2022	Prelim. Plat Submittal Rev. 2

DRAWN: AN REVIEWED: JS

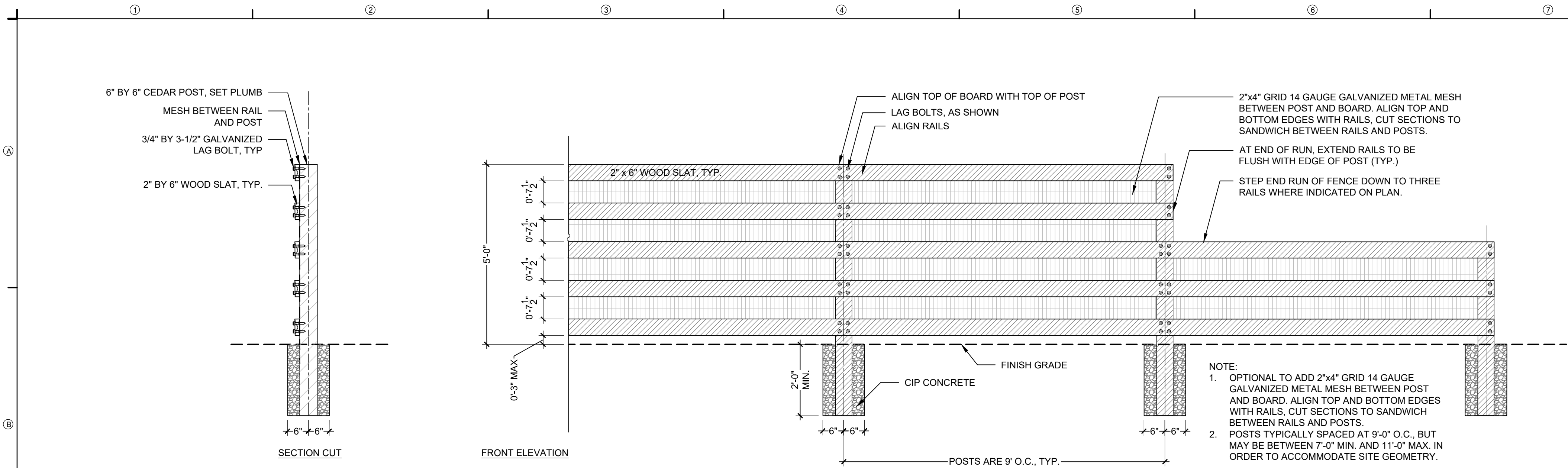
90%
CONSTRUCTION
DOCUMENTS

PROJECT NUMBER: 5311

FENCING
DETAILS

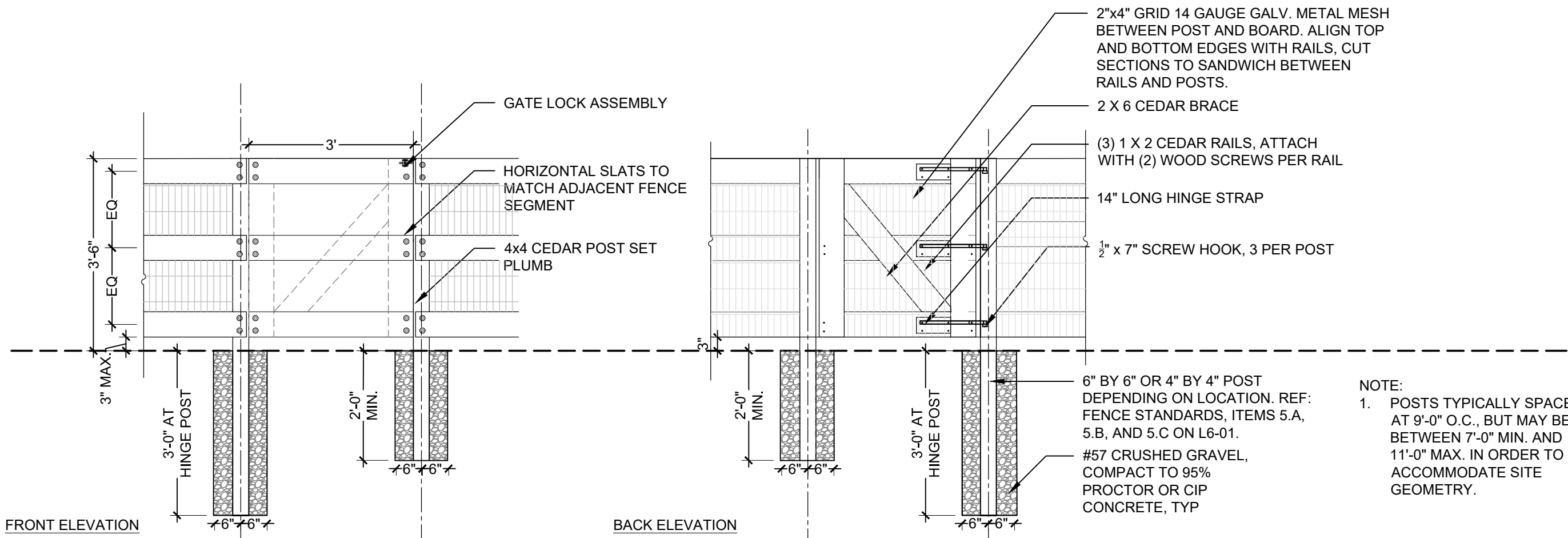
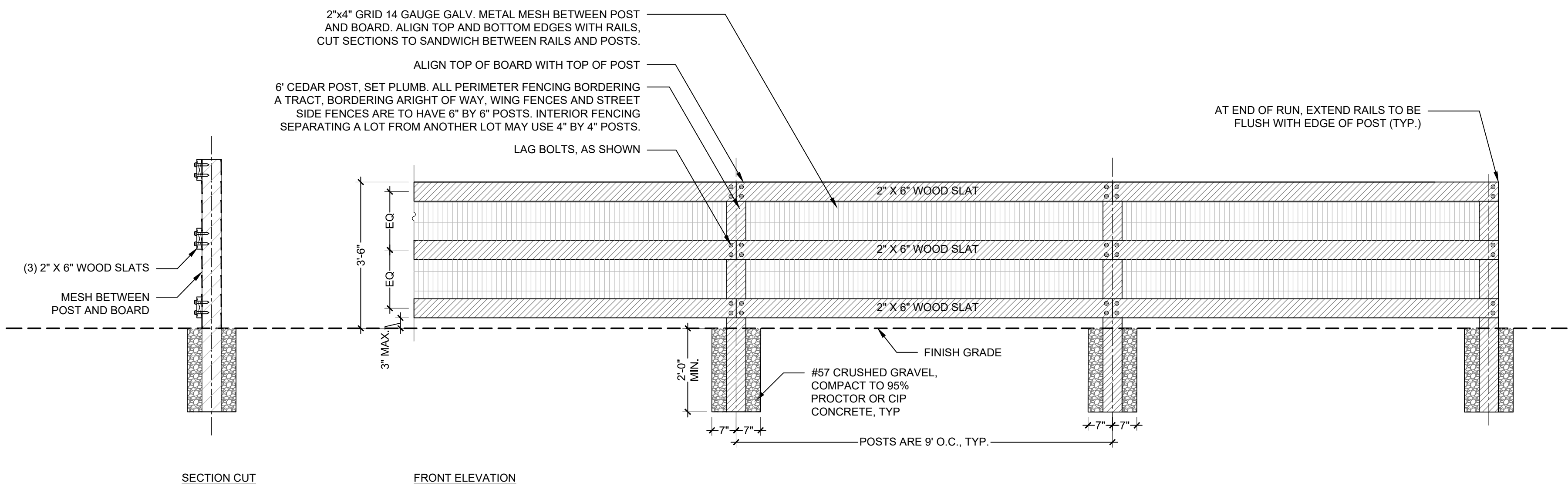
SHEET NUMBER

L6-02



1 FENCE TYPE 1 - TALL
SCALE: 1/2" = 1'-0"

6.1



2 FENCE TYPE 2 - SHORT
SCALE: 1/2" = 1'-0"

6.2

1:2020/08/01 - Barefoot Lakes/Civil/Sheet/Sheet/08001_25 BFL Filing 6/Preliminary Construction Plans/C1.0 COVER SHEET.dwg tab: C1.0 COVER SHEET Jan 14, 2022 - 1:57pm rumney

CONTACT LIST

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BAREFOOT, LLC.
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TEL: (303) 790-6593
CONTACT: JUSTIN WELLS
EMAIL: JUSTIN.WELLS@BROOKFIELDPROPERTIESDEVELOPMENT.COM

ST. VRAIN LAKES METRO DISTRICT 1
6465 S. GREENWOOD PLAZA BLVD #700
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TEL: (303) 790-6604
CONTACT: CHRIS BREMNER
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1500 WEST CANAL COURT
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LANDSCAPE ARCHITECT
DESIGN WORKSHOP
1390 LAWRENCE STREET, SUITE 200
DENVER, COLORADO 80204-2048
TEL: (303) 623-5186
FAX: (303) 623-2260
CONTACT: JAKE SIPPY
EMAIL: JSIPPY@DESIGNWORKSHOP.COM

AGENCY LIST

ERO RESOURCES CORP.
1842 CLARKSON ST.
DENVER, CO 80218
TEL: (303)830-1188
FAX: (303)830-1199
ATTN: DENISE LARSON

UNITED POWER
500 COOPERATIVE WAY
BRIGHTON, CO 80603
TEL: (303)637-1252
ATTN: BRYCE LANCKRIET

BLACK HILLS ENERGY
3766 EUREKA WAY, SUITE 1
FREDERICK, CO 80516
(719)332-5856
ATTN: BOB SWALEK

KERR MCGEE OIL AND
GAS ONSHORE LP
1999 BROADWAY
SUITE 3700
DENVER, COLORADO 80202
PHONE: 720-929-4371
ATTN: JOSEPH KEMOCK

TOWN OF FIRESTONE
9950 PARK AVENUE
FIRESTONE, CO 80504
PHONE: 970-278-0029, EXT. 108
ATTN: MATT WIEDERSPAHN

COLORADO STATE DEPARTMENT OF
PUBLIC HEALTH & ENVIRONMENT
4210 EAST 11TH AVENUE
DENVER, COLORADO 80222
(303) 761-1340
ATTN: GLEN BODNAR

UTILITY NOTIFICATION CENTER
OF COLORADO
2801 SOUTH YOUNGFIELD STREET, SUITE 301
ENGLEWOOD, CO 80112
(800)-922-1987

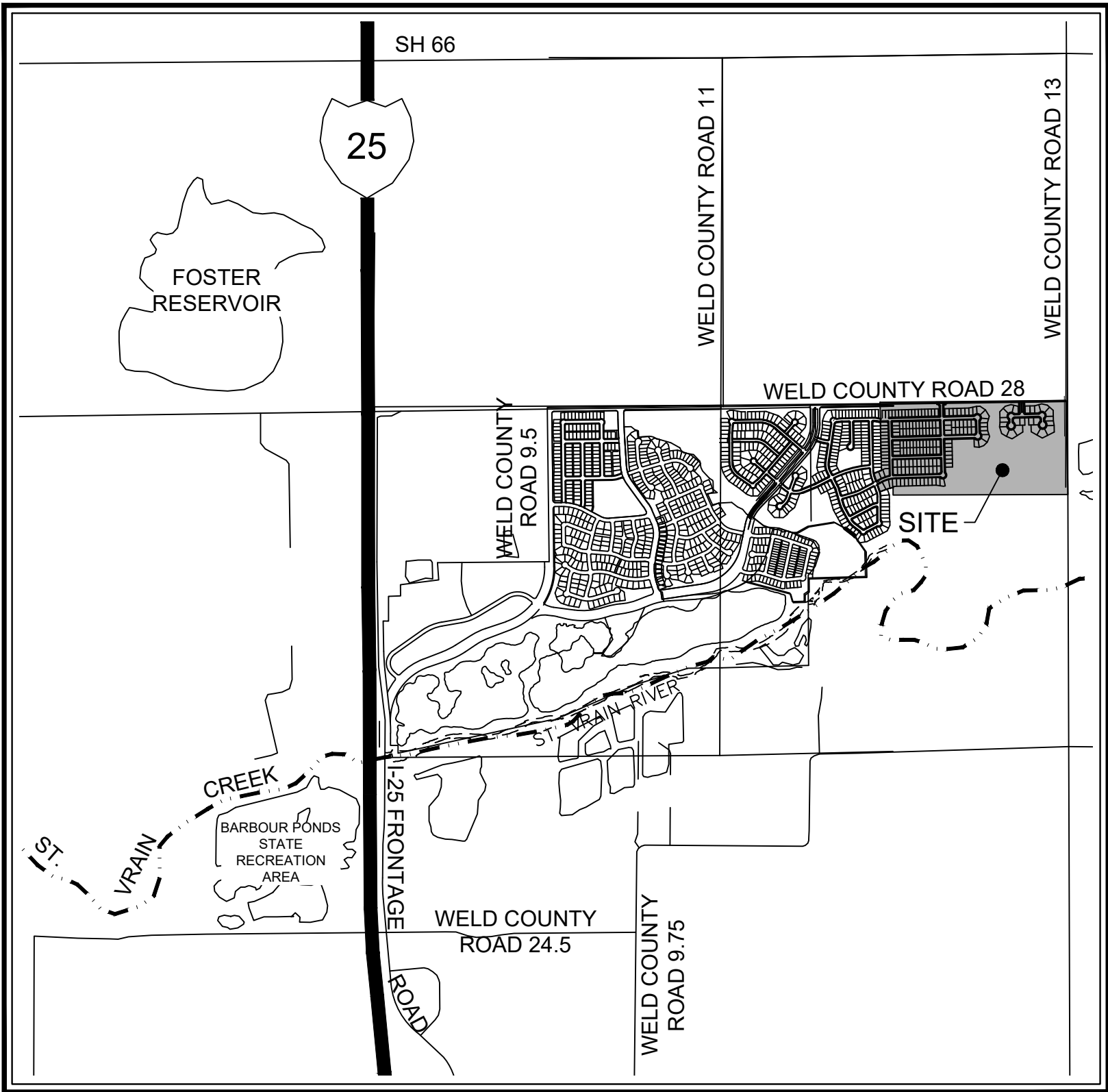
FREDERICK-FIRESTONE
FIRE PROTECTION DISTRICT
8426 KOSMERL PLACE
FREDERICK, CO 80504
(303)833-2742

ST. VRAIN SANITATION DISTRICT
11307 BUSINESS PARK CIRCLE
LONGMONT, CO 80504
(303) 776-9570
ATTN: DAVE CROSS

LITTLE THOMPSON WATER DISTRICT
835 E. STATE HIGHWAY 56
BERTHOUD, CO 80513
970-532-2096
ATTN: AMBER KAUFFMAN

BAREFOOT LAKES FILING NO. 6
PRELIMINARY CONSTRUCTION PLANS

THE NORTHWEST QUARTER OF SECTION 36, TOWNSHIP 3 NORTH,
RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, TOWN OF FIRESTONE,
COUNTY OF WELD, STATE OF COLORADO
82.578 ACRES - 190 LOTS / 9 TRACTS



VICINITY MAP
1" = 2000'

BASIS OF BEARINGS:

BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST CORNER OF SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, ASSUMED TO BEAR NORTH 88°30'51" EAST, 2634.08 FEET AND MONUMENTED AS SHOWN HEREON.

BENCHMARK DESCRIPTION

3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE.

ELEVATION = 4953.57 NAVD88.

FIRESTONE INFORMATION BLOCK

BAREFOOT LAKES

NAME OF APPLICATION:	BAREFOOT LAKES FILING NO. 6, PRELIMINARY PLAT
TYPE OF SUBMITTAL:	CONSTRUCTION DOCUMENTS
FILING NUMBER:	6, PRELIMINARY PLAT
PHASE NUMBER:	
PREPARATION DATE:	January 14, 2022
REVISION DATE:	
REVISION DATE:	
REVISION DATE:	
REVISION DATE:	
REVISION DATE:	

SHEET LIST INDEX

SHEET NO.	DESCRIPTION
C1.0	COVER SHEET
C1.1	ENGINEERING NOTES
C1.2	GENERAL NOTES
C1.3	TYPICAL SECTIONS
C3.1	OVERLOT GRADING PLAN
C3.2	OVERLOT GRADING PLAN
C3.3	OVERLOT GRADING PLAN
C3.4	OVERLOT GRADING PLAN
C3.5	OVERLOT GRADING PLAN
C4.1	OVERALL UTILITY PLAN
C4.2	OVERALL UTILITY PLAN
C4.3	OVERALL UTILITY PLAN
C4.4	OVERALL UTILITY PLAN
C5.1	INLAND AVENUE
C5.2	WISTERIA AVENUE
C5.3	TAMARACK AVENUE
C5.4	RIVERBEND AVENUE
C5.5	RANGE STREET
C5.6	PINNACLE STREET
C5.7	WAYFARER CIRCLE
C5.8	WAYFARER CIRCLE
C5.9	MOONGLADE AVENUE
C5.10	ALPENGLOW STREET
DNG-1	PRELIMINARY DRAINAGE PLAN
DNG-2	PRELIMINARY DRAINAGE PLAN

UTILITY PLAN APPROVAL

APPROVED:	TOWN OF FIRESTONE	DATE
APPROVED:	ST. VRAIN SANITATION DISTRICT	DATE
APPROVED:	LITTLE THOMPSON WATER DISTRICT	DATE

1:2020/0801 - Barefoot Lakes/CaddSheet Sssd08001 2d BFL Filing @Preliminary Construction Plans/C1.0 COVER SHEET.dwg tab: C1.1 ENGINEERING NOTES Jan 14, 2022 - 1:57pm eumney

ENGINEER'S NOTES

1. PROJECT CONTROL/BENCHMARK:

BENCHMARK: 3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE.
ELEVATION = 4953.57 NAVD88.
ALL ELEVATIONS SHOWN ON THESE PLANS ARE REFERENCED TO THE PROJECT BENCHMARK. HORIZONTAL CONTROL, INCLUDING THE BASIS OF BEARING, SHALL BE IN ACCORDANCE WITH THE FINAL SUBDIVISION PLAT FOR THIS PROJECT.
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFEGUARDING THE PROJECT BENCHMARK AND OTHER SURVEY MONUMENTS AND SHALL REQUEST THE OWNER TO HAVE A REGISTERED LAND SURVEYOR TIE OUT AND RESET ANY PROPERTY CORNERS OR SECTION CORNERS PLANNED TO BE DISTURBED BY CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY INADVERTENTLY DISTURBED OR DAMAGED MONUMENTS AND SHALL HAVE THEM REESTABLISHED AND REPLACED BY A REGISTERED LAND SURVEYOR, AT THE CONTRACTORS EXPENSE.
2. THE CONTRACTOR SHALL COMPLY, AND PERFORM WORK IN ACCORDANCE, WITH THE REQUIREMENTS OF THE GEOTECHNICAL (SOILS) REPORT(S) PREPARED FOR THIS PROJECT. THE GEOTECHNICAL REPORT INFORMATION FOR THIS PROJECT IS BASED ON THE PRELIMINARY GEOTECHNICAL INVESTIGATION BAREFOOT LAKES FILINGS NO. 4 THROUGH 8, FIRESTONE, COLORADO, PREPARED BY CTL THOMPSON, DATED JULY 20, 2018. IN THE EVENT OF A DISCREPANCY BETWEEN THE GEOTECHNICAL REQUIREMENTS AND JURISDICTIONAL REQUIREMENTS, THE MORE STRINGENT REQUIREMENT SHALL BE FOLLOWED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND GEOTECHNICAL ENGINEER IN THE EVENT THAT A DISCREPANCY OCCURS.
3. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE (1) SET OF "REDLINED" PRINTS OF THE CONSTRUCTION PLANS. THE "REDLINED" PRINTS SHALL BE KEPT CURRENT TO ACCURATELY REPRESENT THE DIMENSIONS AND LOCATIONS OF ALL WORK PERFORMED BY THE CONTRACTOR. THE CONTRACTOR MUST PRESENT THE "REDLINED" PRINTS TO THE ENGINEER (REDLAND) TIMELY UPON COMPLETION OF EACH PHASE OF THE WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPTLY NOTIFYING THE ENGINEER OF ANY PROBLEMS OR POTENTIAL PROBLEMS IN CONFORMING TO THE DESIGN LINE AND GRADE FOR ANY ELEMENT OF THE CONSTRUCTION. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPTLY NOTIFYING THE ENGINEER OF SITE CONDITIONS THAT DIFFER FROM THOSE SHOWN ON THE APPROVED PLANS.
5. IN THE EVENT THE CONTRACTOR ALLOWS, AUTHORIZES, APPROVES OR CONSTRUCTS ITEMS THAT DIFFER FROM THE APPROVED PLANS, SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, WITHOUT WRITTEN APPROVAL BY THE ENGINEER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY LIABILITY ARISING FROM SUCH CHANGES.
6. THE CONTRACTOR SHALL PERFORM ALL WORK ACCORDING TO ALL CITY, COUNTY, STATE AND FEDERAL SAFETY AND HEALTH REGULATIONS. IN PARTICULAR, THE TRENCHING AND OPEN EXCAVATION OPERATIONS SHALL COMPLY WITH ALL CURRENT O.S.H.A. REGULATORY REQUIREMENTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, AND ANY OTHER NEEDED ACTION TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE JOB SITE CONDITIONS THROUGHOUT THE DURATION OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROTECTION OF PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED ONLY TO WORKING HOURS. THE CONTRACTOR SHALL DEFEND INDEMNIFY AND HOLD THE OWNER, THE ENGINEER AND THE GOVERNING JURISDICTION HARMLESS FOR ANY AND ALL LIABILITY, IN CONNECTION WITH THE PERFORMANCE OF WORK, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, THE ENGINEER OR THE GOVERNING JURISDICTION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE, PASSABLE ACCESS TO PRIVATE PROPERTIES ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
10. THE TYPE, SIZE, LOCATION, AND NUMBER OF UNDERGROUND UTILITIES ARE APPROXIMATE WHERE SHOWN ON THE PLANS AND WERE TAKEN FROM RECORDS OF THE CONTROLLING AGENCIES AND/OR FROM MARKINGS IN THE FIELD BY AN AGENCY AND/OR UTILITY LOCATING CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR COMPLETENESS OR ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK AND PARTICIPATE IN THE RESOLUTION OF ANY CONFLICTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
11. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO FOR THE LOCATION OF UNDERGROUND GAS, ELECTRIC AND COMMUNICATION UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION (CALL 811 OR 1-800-922-1987). THE CONTRACTOR SHALL ALSO NOTIFY OTHER APPLICABLE UTILITY COMPANIES TO OBTAIN FIELD LOCATES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

ENGINEER'S NOTES (CONTD)

12. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO COORDINATE SCHEDULES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY RELOCATIONS WITH THE APPROPRIATE UTILITY COMPANY.
13. TEMPORARY EROSION CONTROL MEASURES SHALL BE PROVIDED BY THE CONTRACTOR DURING CONSTRUCTION AS IDENTIFIED IN THE EROSION CONTROL AND/OR STORMWATER MANAGEMENT PLANS. MAINTENANCE OF ONSITE DRAINAGE AND EROSION CONTROL FACILITIES DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE REMOVAL OF TEMPORARY EROSION CONTROL MEASURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. HOWEVER, REMOVALS SHALL NOT OCCUR UNTIL THE GOVERNING JURISDICTION HAS GIVEN APPROVAL TO REMOVE ANY OF THE MEASURES.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING NEARBY PUBLIC OR PRIVATE STREETS OF MUD AND DEBRIS, DUE TO CONSTRUCTION ACTIVITIES, ON A DAILY BASIS OR AS DIRECTED BY GOVERNING JURISDICTION PERSONNEL.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR REPLACEMENT OF ANY DAMAGED EXISTING IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB AND GUTTER, SIDEWALK, LANDSCAPING, IRRIGATION, SIGNAGE, STRIPING, AND UTILITIES.
16. ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY." FOR INFORMATION, CONTACT THE COLORADO DEPARTMENT OF HEALTH, WATER QUALITY CONTROL DIVISION, WOOD-PE-B2, 4300 CHERRY DRIVE SOUTH, DENVER, COLORADO, 80246-1530, ATTENTION: PERMITS AND ENFORCEMENT SECTION. PHONE (303) 692-3590.
17. IF DEWATERING IS TO BE USED TO INSTALL UTILITIES OR CONSTRUCT IMPROVEMENTS, A STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT IS REQUIRED IF DISCHARGE IS INTO A STORM SEWER, CHANNEL, IRRIGATION DITCH, OR ANY WATERS OF THE UNITED STATES.
18. THE CONTRACTOR SHALL HAVE IN HIS POSSESSION AT ALL TIMES THE APPROPRIATE EDITION OF THE GOVERNING JURISDICTION DESIGN AND CONSTRUCTION STANDARDS, ONE SET OF APPROVED CONSTRUCTION PLANS, THE STORMWATER MANAGEMENT PLAN, AND ALL REQUIRED PERMITS.
19. ALL STREET, SANITARY SEWER, STORM SEWER AND WATERLINE CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE APPLICABLE GOVERNING LOCAL AGENCY CURRENT AT THE DATE OF CONSTRUCTION PLAN APPROVAL. FOR ELEMENTS OF WORK NOT COVERED BY LOCAL AGENCY STANDARDS AND SPECIFICATIONS, ALL CONSTRUCTION SHALL CONFORM TO THE APPROPRIATE EDITION OF THE STANDARDS AND SPECIFICATIONS OF THE COLORADO DEPARTMENT OF TRANSPORTATION, THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT, AND INDUSTRY STANDARDS AS APPLICABLE. REQUIREMENTS OF THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, THE ENVIRONMENTAL PROTECTION AGENCY AND THE U.S. ARMY CORPS OF ENGINEERS, SHALL ALSO BE FOLLOWED AS THEY RELATE TO THE WORK.
20. THE CONTRACTOR SHALL PROVIDE AND IMPLEMENT A "TRAFFIC CONTROL PLAN" RELATED TO ALL CONSTRUCTION ACTIVITIES FOR THIS PROJECT. ALL TRAFFIC CONTROL DEVICES, STRIPING, AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
21. ALL STATIONING IS ON CENTERLINE UNLESS OTHERWISE NOTED. CENTERLINE, RIGHTS-OF-WAY (R.O.W.), PROPERTY LINE, AND EASEMENT DIMENSIONS ARE FOR REFERENCE ONLY. REFER TO THE FINAL SUBDIVISION PLAT FOR PROJECT HORIZONTAL CONTROL.
22. ALL ELEVATIONS IN PLAN VIEW ARE ALONG FLOWLINE UNLESS OTHERWISE NOTED. WHERE SHOWN, 'TC' REPRESENTS TOP-OF-CURB ELEVATION ALONG CURB AND GUTTER OR BACK-OF-WALK ELEVATION ALONG COMBINATION CURB, GUTTER AND WALK.
23. CROSS PANS ARE 8-FEET IN WIDTH UNLESS OTHERWISE NOTED.
24. WATER MAIN LENGTHS ARE FROM CENTER OF FITTING (EXCLUDING GATE VALVES) TO CENTER OF FITTING UNLESS OTHERWISE NOTED.
25. STORM AND SANITARY SEWER MAIN LENGTHS ARE FROM CENTER OF STRUCTURE/MANHOLE TO CENTER OF STRUCTURE/MANHOLE. SANITARY SEWER AND STORM SEWER MANHOLES ARE 4-FOOT DIAMETER UNLESS OTHERWISE NOTED.
26. STORM INLET STATIONING/OFFSET REFERENCE IS AT THE INTERSECTION OF FLOWLINE AND THE CENTER OF STRUCTURE.
27. STORM INLETS LOCATED ALONG CURB SHALL BE CONSTRUCTED WITH TOP OF BOX AT SAME GRADE AS EXTENDED TOP-OF-CURB GRADE, UNLESS OTHERWISE NOTED.
28. THE CLIENT, CONTRACTOR AND SUBCONTRACTOR SHOULD IMMEDIATELY NOTIFY THE CONSULTANT OF ANY CONDITIONS OF THE PROJECT THAT THEY BELIEVE DO NOT COMPLY WITH THE CURRENT STATE OF THE ADA AND/OR FHAA.

EXISTING LEGEND

	EXISTING PROPERTY LINE
	EXISTING R.O.W.
	EXISTING LOT LINE
	EXISTING EASEMENT
	SECTION LINE
	ROAD CENTERLINE
	EDGE OF PAVEMENT
	CURB AND GUTTER
	CONCRETE
	FENCE
	RETAINING WALL
	EXISTING WATERLINE
	EXISTING RAW WATERLINE
	EXISTING SANITARY SEWER
	EXISTING ELECTRIC LINE
	EXISTING GAS LINE
	EXISTING TELEPHONE LINE
	EXISTING FIBER LINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING CABLE TELEVISION
	EXISTING IRRIGATION LINE
	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR

PROPOSED LEGEND

	PROPOSED PROPERTY LINE
	PROPOSED R.O.W.
	PROPOSED LOT LINE
	PROPOSED SETBACK
	PROPOSED EASEMENT
	PROPOSED ROAD CENTERLINE
	PROPOSED CURB AND GUTTER (CATCH)
	PROPOSED CURB AND GUTTER (SPILL)
	PROPOSED SIDEWALK
	PROPOSED STORM SEWER
	PROPOSED SANITARY SEWER
	PROPOSED TRENCH DRAIN
	PROPOSED WATER LINE
	PROPOSED IRRIGATION LINE
	PROPOSED NONPOTABLE LINE
	PROPOSED RAW WATER LINE
	PROPOSED MANHOLE w/ DIA. (FT.)
	PROPOSED INLET
	PROPOSED FLARED END SECTION
	PROPOSED WATER BEND
	PROPOSED WATER CROSS
	PROPOSED WATER TEE
	PROPOSED WATER REDUCER
	PROPOSED WATER VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED PLUG/CAP
	PROPOSED SANITARY SEWER SERVICE (* INDICATES NON-TYPICAL LOCATION)
	PROPOSED WATER SERVICE (* INDICATES NON-TYPICAL LOCATION)
	PROPOSED UTILITY CROSSING
	PROPOSED UNDERDRAIN w/ SIZE (IN.)
	PROPOSED RETAINING WALL
	PROPOSED CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	PROPOSED SPOT ELEVATION
	PROPOSED SLOPE ARROW (4:1 MAX UNLESS NOTED OTHERWISE)
	LIMITS OF CONSTRUCTION
	PEDESTRIAN ACCESS ROUTE
	LOT TYPE
	LINE OF SIGHT
	OVER FLOW ARROW
	100YR FLOOD PLAIN
	FEMA FLOOD PLAIN
	UDFCD FLOOD HAZARD
	WATERS OF THE U.S.
	100 YEAR WATER SURFACE ELEVATION

ABBREVIATIONS

ABC	AGGREGATE BASE COARSE
ARV	AIR RELEASE VALVE
BB MH	BOX BASE MANHOLE
BC	BUILDING CORNER
BFE	BASEMENT FLOOR ELEVATION
B.O.P.	BOTTOM OF PIPE (ELEVATION)
BW	BOTTOM OF WALL
CATV	CABLE TELEVISION
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
D.E.	DRAINAGE EASEMENT
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DW	DOMESTIC WATER
E	EAST
EC	END CURVE RETURN
EG	EXISTING GRADE/GROUND
ELEC	ELECTRIC OR ELECTRICAL
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX.	EXISTING
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FL	FLOWLINE
FM	FORCE MAIN
FO	FIBER OPTIC
G.E.	GAS EASEMENT
GB	GRADE BREAK
GFE	GARAGE FINISH FLOOR
GM	GAS METER
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
IBV	INLINE BUTTERFLY VALVE
INV	INVERT (ELEVATION)
IRR	IRRIGATION
L	LEFT
LF	LINEAR FEET/FOOT
LP	LOW POINT
MAX	MAXIMUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
N	NORTH
PC	POINT ON CURVE
PCC	POINT OF COMPOUND CURVE
PCR	POINT OF CURVE RETURN
PL	PROPERTY LINE
PRC	POINT OF REVERSE CURVE
PROP.	PROPOSED
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE PIPE
R	RADIUS OR RIGHT
R.O.W.	RIGHT OF WAY
RCP	REINFORCED CONCRETE PIPE
S	SOUTH
S.D.M.E.	SIDEWALK, DRAINAGE, AND MAINTENANCE EASEMENT
S.M.E.	SIDEWALK AND MAINTENANCE EASEMENT
S.W.E.	SIDEWALK EASEMENT
SD	STORM DRAIN
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STM	STORMWATER
STM MH	STORMWATER MANHOLE
TBC	TOP BACK OF CURB
TBW	TOP BACK OF WALK
TC	TOP OF CURB
TOF	TOP OF FOUNDATION
T.O.P.	TOP OF PIPE (ELEVATION)
TW	TOP OF WALL
TYP	TYPICAL
U.E.	UTILITY EASEMENT
VC	VERTICAL CURVE
W	WEST
WL	WATERLINE
WM	WATER METER
WV	WATER VALVE

BAREFOOT LAKES FILING NO. 6

SHEET

ENGINEER'S NOTES

Redland
WHERE GREAT PLACES BEGIN
770.282.4793 Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM

DRAWN	JML
CHECKED	EBR
APPROVED	EBR
PROJECT NO.	08007.25
HORIZ. SCALE	1" = 50'
VERT. SCALE	1" = 5'

NOTES

DATE	NO.	1	2	3
08/03/2021	1	1ST SUBMITTAL	2ND SUBMITTAL	3RD SUBMITTAL
10/27/2021	2			
01/14/2022	3			

C1.1

1. DISTRICT SHALL REFER TO THE ST. VINCENT SANITATION DISTRICT IN THESE NOTES.
2. DISTRICT'S ACCEPTANCE OF THESE PLANS IS VALID FOR ONE YEAR.
3. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE DISTRICT STANDARDS.
4. CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION.
5. THE CONTRACTOR SHALL NOTIFY THE DISTRICT A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO STARTING CONSTRUCTION OR PRIOR TO RESUMING CONSTRUCTION AFTER A BREAK.
6. SANITARY SEWER SHALL BE POLYVINYL CHLORIDE (PVC) PIPE, ASTM D3034-SDR35 OR AS INDICATED ON THE PLANS.
7. ALL CONCRETE SHALL BE MINIMUM 4000 PSI AT 28 DAY STRENGTH.
8. MAINTAIN A MINIMUM OF 10 FEET HORIZONTAL SEPARATION OUTSIDE DIAMETER TO OUTSIDE DIAMETER BETWEEN WATER LINES AND ALL SEWER LINES AND MANHOLES.
9. ALL SEWER MAINS CROSSING WATER MAINS WITH LESS THAN 18 INCHES OF SEPARATION SHALL BE ENCASED IN CONCRETE.
10. RIM ELEVATIONS SHOWN ARE APPROXIMATE AND SHOULD NOT BE TAKEN AS FINAL. ALL MANHOLES SHALL BE FINAL ADJUSTED AFTER PAVING SUCH THAT THE RIM IS $\frac{1}{4}$ TO $\frac{1}{2}$ INCH BELOW FINISHED ASPHALT. MANHOLES IN UNPAVED AREAS SHALL BE SET SO THAT THE RIM IS 0.5' ABOVE FINISHED GRADE.
11. INVERT DATA SHALL BE COLLECTED BY A LICENSED SURVEYOR ON EACH PIPE INVERT IN A MANHOLE. CENTER OF MANHOLE SURVEYING IS NOT ACCEPTABLE FOR SLOPE CALCULATIONS. RECORD DRAWINGS (ASBUILTS) MUST DEMONSTRATE CONFORMANCE TO DISTRICT STANDARDS.
12. THE CONTRACTOR SHALL HAVE A SET OF APPROVED PLANS ON SITE AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING ACTUAL RECORD DRAWING DIMENSIONS AND DISTANCES AS WELL AS SERVICE LOCATIONS ON THESE PLANS AND SUBMITTING THEM TO THE ENGINEER FOR PREPARATION OF RECORD DRAWINGS. THESE DRAWINGS SHALL BE KEPT CURRENT AT ALL TIMES.
13. BEFORE ANY CONSTRUCTION COMMENCES, A PLUG SHALL BE INSTALLED TO PREVENT DRAINAGE THROUGH THE NEW SEWER LINE FROM ENTERING THE EXISTING SEWER LINE. THIS PLUG WILL BE INSTALLED IN THE MANHOLE, WHICH CONNECTS NEW WORK WITH THE EXISTING AND NOT BE REMOVED UNTIL INITIAL ACCEPTANCE.
14. UNDERDRAINS, IF INSTALLED, ARE THE RESPONSIBILITY OF THE DEVELOPER. DISTRICT ASSUMES NO LIABILITY FOR ANY PORTION OF OR ANY DAMAGE CAUSED BY UNDERDRAINS. ABSOLUTELY NO PART OF AN UNDERDRAIN SYSTEM, INCLUDING CLEAN OUTS, WILL BE ALLOWED INSIDE OF SANITARY SEWER MANHOLES. ALL UNDERDRAINS SHALL BE INSTALLED BELOW THE SANITARY SEWER AND OFFSET TO THE SIDE. PIPE MATERIAL SHALL BE DIFFERENT COLOR THAN SANITARY SEWER.
15. NO SERVICE LATERALS SMALLER THAN 8 INCH IN DIAMETER SHALL ENTER MANHOLES.
16. SERVICE CROSSINGS OF CURB SHALL BE MARKED WITH A CUT "S" IN CURB FACE. PAINT IS NOT ACCEPTABLE. SERVICE SHALL BE EXTENDED INTO THE LOT A MINIMUM OF 10 FEET.
17. CONTRACTOR SHALL MARK THE END OF ALL SEWER SERVICES WITH A 2" X 4" BOARD WITH MINIMUM OF FOUR (4) FEET ABOVE GRADE, PAINTED GREEN.
18. ALL PIPES SHALL HAVE SQUEEGIE (CDOT #8 BEDDING) UNLESS OTHERWISE SHOWN OR THE DISTRICT MAY APPROVE AN ALTERNATE BEDDING IN SPECIAL CASES.
19. CUT OFF WALLS WILL BE INSTALLED 10' DOWN STREAM OF EACH MANHOLE WHERE THE SUBDIVISION LINE CONNECTS TO THE EXISTING SANITARY SEWER MAIN LINE.
20. THE WARRANTY BOND SHALL BE IN THE AMOUNT OF \$5,000.00 OR 15% OF THE TOTAL COST OF THE SEWER, WHICHEVER IS GREATER.
21. PRIOR TO APPROVAL, ALL SANITARY SEWER PIPES SHALL BE PRESSURE-TESTED PER ASTM C924. ALL MANHOLES SHALL BE VACUUM-TESTED PER UNI-B-98.
22. PRIOR TO REMOVAL OF PLUGS AT MANHOLES, PIPE SHALL BE JET-CLEANED AND VACUUMED TO REMOVE DEBRIS AND VIDEOED. NOTICE SHALL BE GIVEN TO THE DISTRICT INSPECTOR ONE (1) WEEK PRIOR TO CLEANING. INSPECTOR MUST BE PRESENT DURING THE OPERATION. ONCE APPROVAL HAS BEEN GIVEN BY INSPECTOR, PLUGS MAY ONLY BE REMOVED AFTER INITIAL ACCEPTANCE BY THE DISTRICT.
23. THE FINAL RECORDED PLAT AND RECORDED ADDRESS PLAT SHALL BE PROVIDED TO THE DISTRICT FOR INITIAL ACCEPTANCE.
24. TWENTY (20) MONTHS AFTER CONSTRUCTION AND PRIOR TO THE EXPIRATION OF WARRANTY, THE DEVELOPER SHALL CAMERA/VIDEO THE SANITARY SEWER LINES AND PROVIDE A DVD TO THE DISTRICT FOR REVIEW.

1. ALL WATERLINE AND IRRIGATION LINE CONSTRUCTION SHALL CONFORM TO THE LATEST STANDARDS AND SPECIFICATIONS BY LITTLE THOMPSON WATER DISTRICT "DISTRICT".
2. ROUTE WATER SERVICE UNDER STORM SEWER WHERE NECESSARY.
CORPORATION STOPS SHALL BE CONSTRUCTED BY CONTRACTOR.
3. WATERLINE 8" AND 12" IN DIA. SHALL BE C-900 DR-14 P.V.C., WATERLINE 16" IN DIA. SHALL BE C-905 DR-14 P.V.C.
4. WHERE WATERLINES ARE INSTALLED WITH THRUST BLOCKS IN NON-NATIVE MATERIAL, RESTRAINED JOINTS ARE REQUIRED.

1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST "DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS" BY THE TOWN OF FIRESTONE. COPIES OF THE STANDARDS AND SPECIFICATIONS MAY BE OBTAINED FROM THE TOWN WEB SITE. CONTRACTOR SHALL HAVE A SET ON SITE AT ALL TIMES.
2. THE OWNER SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE TOWN OF FIRESTONE ENGINEERING STAFF PRIOR TO THE START OF CONSTRUCTION. THOSE IN ATTENDANCE SHALL INCLUDE THE OWNER, HIS ENGINEER, THE TOWN ENGINEERING STAFF, REPRESENTATIVES OF THE CONTRACTORS AND OTHER AFFECTED AGENCIES. PLANS SIGNED AND ACCEPTED BY THE TOWN WILL BE DISTRIBUTED AT THE PRE-CONSTRUCTION MEETING. CONTRACTOR SHALL HAVE (1) COPY OF THE SIGNED PLANS ON SITE AT ALL TIMES.
3. THE TOWN OF FIRESTONE, THROUGH ACCEPTANCE OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT. THE OWNER AND DESIGN ENGINEER UNDERSTAND THAT THE RESPONSIBILITY FOR THE ENGINEERING ADEQUACY OF THE FACILITIES DEPICTED IN THIS DOCUMENT LIES SOLELY WITH THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT. REPORT ALL DISCREPANCIES TO THE DESIGN ENGINEER IMMEDIATELY.
4. PRIOR TO BEGINNING THE WORK, THE CONTRACTOR SHALL OBTAIN ANY/ALL WRITTEN AGREEMENTS FOR INGRESS AND EGRESS TO THE WORK SITE FROM ADJACENT PRIVATE PROPERTY OWNERS. A COPY OF ALL AGREEMENTS SHALL BE PROVIDED TO THE TOWN. ACCESS TO ANY ADJACENT PRIVATE PROPERTY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
5. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN ENGINEERING STAFF. THE TOWN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO TOWN STANDARDS AND SPECIFICATIONS. INSPECTIONS AND REJECTS WILL BE NOTED TO THE SIGNED AS A VARIANCE. THE TOWN ENGINEERING STAFF OF THE CONTRACTORS' CONTRACTUAL COMMITMENT REQUESTS FOR INSPECTION BY THE TOWN SHALL BE MADE BY THE CONTRACTOR A MINIMUM OF TWENTY-FOUR (24) HOURS IN ADVANCE.
6. CONSTRUCTION WATER IS AVAILABLE TO THE CONTRACTOR AS ESTABLISHED IN THE TOWN STANDARDS AND SPECIFICATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE TOWN REGARDING CURRENT REGULATIONS, FEES AND REQUIRED AGREEMENTS RELATED TO THE PROVISION OF CONSTRUCTION WATER.
7. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THE AFFECTED UTILITY COMPANIES AND SHALL NOTIFY THE UTILITY NOTIFICATION CENTER, PHONE NUMBER 811, THREE (3) BUSINESS DAYS PRIOR TO THE START OF CONSTRUCTION.
8. UTILITIES IN THE AREA OF CONSTRUCTION ARE APPROXIMATE ONLY. THEY HAVE BEEN LOCATED FROM FIELD INVESTIGATION AND THE BEST AVAILABLE UTILITY RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECTION AND REPAIR OF ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION. UTILITIES ARE NOT TO BE DAMAGED OR MOVED. IF THE CONTRACTOR SHALL CONTACT ALL RESPECTIVE UTILITIES AND HAVE ALL UTILITIES FIELD-LOCATED PRIOR TO CONSTRUCTION, IF ANY UNKNOWN SUBSURFACE STRUCTURES ARE ENCOUNTERED DURING CONSTRUCTION, IT SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE TOWN ENGINEERING STAFF AND DESIGN ENGINEER PRIOR TO PROCEEDING.
9. THE CONTRACTOR SHALL NOTIFY TOWN ENGINEERING STAFF OF ANY PROBLEM IMPACTING WATER AND WASTE WATER FACILITIES THAT WOULD POTENTIALLY REQUIRE A VARIANCE FROM THE APPROVED PLANS AND SPECIFICATIONS. ANY VARIANCE FROM THE APPROVED DOCUMENTS SHALL BE AT THE SOLE DISCRETION OF THE TOWN ENGINEERING STAFF.
10. CONTRACTOR SHALL OBTAIN, AT HIS OWN EXPENSE, ALL APPLICABLE SPECIFICATIONS AND PERMITS NECESSARY TO PERFORM THE PROPOSED WORK.
11. AS-BUILT DRAWINGS AS REQUIRED IN THE SPECIFICATIONS, ARE TO BE SUBMITTED BY THE OWNER/DEVELOPER PRIOR TO INITIAL ACCEPTANCE OF THE CONSTRUCTION.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND RESTORING ANY EXISTING SIGNS, STRUCTURES, FENCES, ETC., ENCOUNTERED ON THE JOB AND RESTORING THEM TO THEIR ORIGINAL CONDITION.
13. THE CONTRACTOR IS RESPONSIBLE FOR:
 - A. NOTIFYING THE TOWN UTILITY CUSTOMERS OF POTENTIAL SERVICE OUTAGES, AND COORDINATE WITH THE TOWN FOR DETERMINATION OF MINIMUM TIME REQUIREMENT.
 - B. NOTIFYING THE TOWN ENGINEERING STAFF IF WORK IS SUSPENDED FOR ANY PERIOD OF TIME AFTER INITIAL START-UP. THE CONTRACTOR SHALL NOTIFY THE TOWN FORTY- EIGHT (48) HOURS PRIOR TO RESTART.
 - C. IN THE EVENT OF AN AFTER HOURS EMERGENCY, CALL 720-652-4222.
 - D. NOTIFYING THE FREDERICK FIRESTONE FIRE PROTECTION DISTRICT OF ALL STREET CLOSURES AND EXISTING FIRE HYDRANTS TAKEN OUT OF SERVICE A MINIMUM OF FORTY- EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION.
14. PRIOR TO STARTING CONSTRUCTION OF UTILITY MAINS, ROAD CONSTRUCTION MUST HAVE COMPLETED THE OVER LOT GRADING STAGE.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY GROUNDWATER ENCOUNTERED DURING THE CONSTRUCTION OF ANY PORTION OF THIS PROJECT. A CONSTRUCTION DEWATERING PERMIT MUST BE OBTAINED FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE). GROUNDWATER SHALL BE PUMPED, PIPED, REMOVED AND DISPOSED OF IN A MANNER WHICH DOES NOT CAUSE FLOODING OF EXISTING STREETS OR EROSION OF ADJUTING PROPERTIES IN ORDER TO PROTECT THE STRUCTURE OF THE SIGN. THE SUPERINTENDING OF THE SIGN THE CONTRACTOR SHALL DISPOSE OF TRENCH WATER WILL NOT BE PERMITTED. NO CONCRETE SHALL BE PLACED WHERE GROUNDWATER IS VISIBLE OR UNTIL THE GROUNDWATER TABLE HAS BEEN LOWERED BELOW THE PROPOSED IMPROVEMENTS. ANY UNSTABLE AREAS, AS A RESULT OF GROUNDWATER, ENCOUNTERED DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE STABILIZED AS AGREED UPON BY THE CONTRACTOR, THE TOWN, AND THE DESIGN ENGINEER AT THE TIME OF THE OCCURRENCE IT SHALL BE THE RESPONSIBILITY OF THE DESIGN ENGINEER TO RESOLVE CONSTRUCTION PROBLEMS WITH THE TOWN. IN ORDER TO CHANGED CONDITIONS ENCOUNTERED BY THE CONTRACTOR DURING THE PROGRESS OF ANY PORTION OF THE PROPOSED WORK, IF, IN THE OPINION OF THE TOWN, PROPOSED ALTERATIONS TO THE SIGNED CONSTRUCTION PLANS INVOLVES SIGNIFICANT CHANGES TO THE CHARACTER OF THE WORK, OR TO THE FUTURE CONTIGUOUS PUBLIC OR PRIVATE IMPROVEMENTS, THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR SUBMITTING REVISED PLANS TO THE TOWN FOR REVIEW AND ACCEPTANCE. PRIOR TO ANY FURTHER CONSTRUCTION RELATED TO THAT PORTION OF THE WORK.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPERINTENDING OF THE SIGN THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING HOURS. THE TOWN OR THE DESIGN ENGINEER EXERCISE NO CONTROLS OVER THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENTS, SCAFFOLDING, FORMS OR OTHER WORK AIDS OR MATERIALS OR ABOUT THE SAFETY OF THE SIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEFEND, INDEMNIFY AND HOLD HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, THE DESIGN ENGINEER OR THE TOWN. THE TOWN ENGINEERING STAFF, OR ANY CONTRACTED ENGINEER, ARE NOT RESPONSIBLE FOR SAFETY IN, ON OR ABOUT THE PROJECT SITE, NOR FOR COMPLIANCE BY THE APPROPRIATE PARTY OF ANY REGULATIONS.
17. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.

1. EXCEPT WHERE NOTED, ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE, CLASS III PIPE, 15" TO 48" DIAMETER, AND SHALL CONFORM TO REQUIREMENTS OF ASTM C76. ALL RCP SHALL HAVE RUBBER GASKETED JOINTS AND SHALL CONFORM TO REQUIREMENTS OF ASTM C443, AND SHALL PROVIDE WATERTIGHT PERFORMANCE CHARACTERISTICS.
2. TONGUE AND GROOVE JOINTS SHALL NOT BE ALLOWED.
3. THE MINIMUM COVERAGE FOR ALL STORM DRAINAGE PIPES SHALL BE 1.5 FEET FOR CLASS III PIPE AND 1 FOOT FOR CLASS IV PIPE.
4. BEDDING MATERIAL SHALL CONFORM TO TOWN OF FIRESTONE STANDARDS AND SPECIFICATIONS.
5. ALL MANHOLES SHALL BE CONCRETE AND CONFORM TO CDOT STANDARD M-604-20.
6. THE MINIMUM MANHOLE DIAMETER SHALL BE AS SPECIFIED BELOW:

PIPE DIAMETER MANHOLE SIZE	
15" TO 18"	4" DIAMETER
21" TO 42"	5" DIAMETER
48" TO 54"	6" DIAMETER
60" AND LARGER	BOX BASE MANHOLE
7. ALL STREET INLETS SHALL BE CURB OPENING TYPE R CONFORMING TO CDOT STANDARD M-604-12, EXCEPT WHERE OTHERWISE NOTED.
8. ALL INLET ACCESS COVERS SHALL HAVE THE WORDS "NO DUMPING – DRAINS TO RIVERS" AND "STORM SEWER" CAST INTO THE COVER PER TOWN STANDARD DETAIL.
9. ALL END SECTIONS SHALL CONFORM TO CDOT STANDARD M-603-10.
10. WHERE RIPRAP OR GROUDED BORDERS ARE CALLED FOR ON THE PLANS FOR EROSION CONTROL, IT SHALL CONFORM TO THE URBAN STORM DRAINAGE CRITERIA MANUAL SPECIFICATIONS (LATEST REVISION).

19. REGULAR WORK HOURS ARE SEVEN (7) A.M. UNTIL SEVEN (7) P.M. OR DUSK (WHICHEVER OCCURS FIRST) OF THE SAME DAY, MONDAY THROUGH FRIDAY. THE CONTRACTOR WILL NOT PERMIT OVERTIME WORK OUTSIDE OF REGULAR WORKING HOURS OR THE PERFORMANCE OF WORK ON SATURDAY, SUNDAY OR ANY LEGAL HOLIDAY WITHOUT RECEIVING WRITTEN CONSENT FROM THE TOWN ENGINEER. REQUESTS FOR WEEKEND WORK APPROVAL MUST BE SUBMITTED, IN WRITING TO THE TOWN NO LATER THAN THIRTEEN (13) DAYS BEFORE THE START OF THE WEEKEND WORK. REQUESTS FOR HOLIDAY WORK APPROVAL MUST BE SUBMITTED, IN WRITING TO THE TOWN NO LATER THAN 7:00AM-2 BUSINESS DAYS PRIOR TO THE HOLIDAY. ALL EXPENSES INCURRED BY THE TOWN SHALL BE REIMBURSED AT A RATE TO BE DETERMINED BY DIRECTOR OF FINANCE.
20. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR THE STORMWATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES FOR ANY PROJECT. GENERAL NOTES CONSTRUCTION STANDARDS AND SPECIFICATIONS 12020 PAGE 6 OF 7 DISTURBING OVER ONE ACRE FROM BOTH THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND THE TOWN.
21. EACH TYPE OF CONSTRUCTION SHALL BE COMPLETED BY A CONTRACTOR THAT HAS DEMONSTRATED ACCEPTABLE QUALIFICATIONS TO THE TOWN AND IS A LICENSED CONTRACTOR IN THE TOWN.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING CONSTRUCTION. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE TOWN STANDARDS AND SPECIFICATIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. (MUTCD) LATEST EDITION. A PLAN SHALL BE SUBMITTED TO THE TOWN FOR REVIEW AND ACCEPTANCE PRIOR TO CONSTRUCTION.
23. ALL BACKFILL SHALL CONFORM TO THE TRENCH DETAIL LOCATED IN THE TOWN STANDARDS & SPECIFICATIONS.
24. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY CONSTRUCTION DEBRIS OR MUD TRACKED ONTO EXISTING ROADWAYS.
25. THE CONTRACTOR SHALL REPAIR ANY EXCAVATION OR PAVEMENT FAILURES CAUSED BY HIS CONSTRUCTION.
26. THE CONTRACTOR SHALL RENEW OR REPLACE ANY EXISTING TRAFFIC STRIPING AND/OR PAVEMENT MARKINGS, WHICH HAVE BEEN EITHER REMOVED OR THE EFFECTIVENESS OF WHICH HAS BEEN REDUCED DURING HIS OPERATION. RENEWAL OF PAVEMENT STRIPING AND MARKING SHALL BE DONE IN CONFORMANCE WITH THE TOWN STANDARD SPECIFICATIONS.
27. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO TAKE EVERY MEASURE NECESSARY TO COMPLY WITH THE TOWN'S COUNTY OR TOWN DUST CONTROL ORDINANCE.
28. CONSTRUCTION VEHICLES SHALL USE TRUCK ROUTES DESIGNATED BY THE TOWN. OVERSIZE AND/OR OVERWEIGHT VEHICLES REQUIRE AN OVERWEIGHT VEHICLE PERMIT FROM THE TOWN PRIOR TO TRAVELING ON TOWN STREETS.
29. THE OWNER/DEVELOPER WILL BE HELD RESPONSIBLE FOR THE PROPER FUNCTIONING OF THE IMPROVEMENTS FOR A MINIMUM OF TWO (2) YEARS FROM THE DATE OF INITIAL ACCEPTANCE OF THE IMPROVEMENTS BY THE TOWN. ANY FAILURE DURING THIS PERIOD OF GUARANTEE SHALL BE REMEDIED BY THE OWNER/CONTRACTOR TO THE TOTAL SATISFACTION OF THE TOWN AT NO EXPENSE TO THE TOWN.
30. THE SOILS ENGINEER SHALL PERFORM SUFFICIENT INSPECTIONS DURING GRADING AND CONSTRUCTION SO THAT AN OPINION CAN BE RENDERED AND VERIFIED IN WRITING AS TO COMPLIANCE WITH THE PLANS AND CODES WITHIN THE SOILS ENGINEER'S PURVIEW.

1. ALL CONSTRUCTION ACTIVITIES THAT DISTURBS ONE OR MORE ACRES OF LAND, AS WELL AS ACTIVITIES THAT DISTURB LESS THAN ONE ACRE OF LAND, BUT IS PART OF A LARGER COMMON PLAN OF DEVELOPMENT, MUST COMPLY WITH BOTH LOCAL AND STATE REGULATIONS REGARDING STORMWATER DRAINAGE ON CONSTRUCTION SITES. OWNERS OR CONTRACTORS MUST OBTAIN A COLORADO STORMWATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT. THE PERMIT FOR A STORMWATER QUALITY PERMIT FROM THE TOWN OF FIRESTONE. OWNERS AND OPERATORS SHALL:
 - A. MAINTAIN A COPY OF THE STORM WATER MANAGEMENT PLAN (SWMP) ON-SITE AT ALL TIMES, THOUGH A DIGITAL COPY WILL SUFFICE. THE SWMP MUST BE MAINTAINED AND MADE AVAILABLE TO TOWN INSPECTORS UPON REQUEST.
 - B. INSTALL AND MAINTAIN EROSION, SEDIMENT, AND MATERIALS MANAGEMENT CONTROL BMPS AS SPECIFIED IN THE SWMP.
 - C. INSPECT ALL EROSION MANAGEMENT PRACTICES (BMPs) AT LEAST EVERY SEVEN (7) DAYS OR EVERY FOURTEEN (14) DAYS AND WITHIN TWENTY FOUR (24) HOURS AFTER ANY PRECIPITATION OR SNOWMELT EVENT THAT CAUSES SURFACE RUNOFF.
 - D. MAINTAIN INSPECTION AND MAINTENANCE RECORDS OF BMPs ON-SITE WITH THE SWMP. COPIES OF THESE REPORTS SHALL BE PROVIDED TO THE TOWN ENGINEERING STAFF.
 - E. BASED ON INSPECTIONS PERFORMED BY THE PERMIT HOLDER OR BY TOWN PERSONNEL, MODIFICATIONS TO THE SWMP WILL BE NECESSARY IF AT ANY TIME THE SPECIFIED BMPs DO NOT MEET THE OBJECTIVES OF THE PERMIT. ALL MODIFICATIONS SHALL BE COMPLETED AS SOON AS PRACTICABLE AFTER THE REFERENCED INSPECTION, AND SHALL BE RECORDED ON THE OWNER'S COPY OF THE SWMP.
 - F. THE OPERATOR SHALL AMEND THE SWMP WHENEVER THERE IS A MINOR CHANGE TO ADDRESS A SPECIFIED CONTROL MEASURE THAT DOES NOT MEET THE REQUIREMENTS OF THE STORMWATER QUALITY PERMIT. SIGNIFICANT CHANGES IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE RELEASE OF POLLUTANTS TO THE RECEIVING WATERS, OR IF THE SWMP PROVES TO BE INEFFECTIVE IN ACHIEVING THE OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES, A REVISED SWMP SHALL BE SUBMITTED TO THE TOWN ENGINEER.
 - G. INSTALLATION AND MAINTENANCE OF BMPs SHALL BE SUPERVISED BY PERSONNEL CERTIFIED IN EROSION AND SEDIMENT CONTROL.
2. A. SITE GRADING, EROSION, EMBANKMENT, AND COMPACTION) SHALL CONFORM TO THE RECOMMENDATIONS OF THE LATEST SOILS INVESTIGATION FOR THIS PROPERTY AND SHALL FURTHER BE IN CONFORMANCE WITH THE TOWN OF FIRESTONE "DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS OF PUBLIC IMPROVEMENTS", LATEST EDITION.
3. ALL GRADING AND FILLING OPERATIONS SHALL BE OBSERVED, INSPECTED AND TESTED BY A LICENSED SOILS ENGINEER. ALL TEST RESULTS SHALL BE SUBMITTED TO THE TOWN ENGINEERING STAFF.
4. NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED WHEREVER POSSIBLE. EXPOSURE OF SOIL TO EROSION BY REMOVAL OR DISTURBANCE OF VEGETATION SHALL BE LIMITED TO THE AREA REQUIRED FOR IMMEDIATE CONSTRUCTION OPERATION AND FOR THE SHORTEST PRACTICAL PERIOD OF TIME. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID ANY DAMAGE TO EXISTING FOLIAGE THAT LIES IN THE PROJECT AREA UNLESS DESIGNATED FOR REMOVAL AND SHALL BE LIABLE FOR SUCH DAMAGE AT HIS/HER EXPENSE.
5. TOPSOIL SHALL BE STOCKPILED TO THE EXTENT PRACTICABLE ON THE SITE FOR USE ON AREAS TO BE RE-VEGETATED. ANY AND ALL STOCKPILES SHALL BE LOCATED AND PROTECTED FROM EROSION ELEMENTS.
6. TEMPORARY VEGETATION SHALL BE INSTALLED ON ALL DISTURBED AREAS WHERE PERMANENT SURFACE IMPROVEMENTS ARE NOT SCHEDULED FOR IMMEDIATE INSTALLATION. SEEDING WILL BE DONE ACROSS THE SLOPE FOLLOWING THE CONTOURS. VEGETATION SHALL CONFORM TO THE TOWN STANDARDS AND SPECIFICATIONS. PROJECT SCHEDULING SHOULD TAKE ADVANTAGE OF THE SEEDING PLANTING SEASON FOR NATURAL GERMINATION. SEEDING AREAS SHALL BE IRRIGATED IN ACCORDANCE WITH THE TOWN STANDARDS AND SPECIFICATIONS.
7. AT ALL TIMES, A WATER TRUCK SHALL BE ON-SITE AND THE PROPERTY SHALL BE MAINTAINED AND/OR WATERED TO PREVENT STANDARDS AND SPECIFICATIONS 1/2020 PAGE 3 OF 3 WIND-CAUSED EROSION. EARTHWORK OPERATIONS SHALL BE DISCONTINUED WHEN FUGITIVE DUST SIGNIFICANTLY IMPACTS ADJACENT PROPERTY. IF EARTHWORK IS COMPLETE OR DISCONTINUED FOR THE REST OF THE SITE CONTINGUOUS TO THE WORK, THE OWNER/DEVELOPER SHALL IMMEDIATELY INSTITUTE MITIGATIVE MEASURES AND SHALL CORRECT DAMAGE TO ADJACENT PROPERTY.
8. FILL SLOPES SHALL BE COMPACTED BY MEANS OF SHEEPSFOOT COMPACTOR OR OTHER SUITABLE EQUIPMENT. COMPACTING SHALL CONTINUE UNTIL SLOPES ARE STABLE AND THERE IS NOT AN APPRECIABLE AMOUNT OF LOOSE SOIL ON THE SLOPES.
9. TEMPORARY CUT/FILL SLOPES SHALL ABIDE BY THE SOILS REPORT. PERMANENT SLOPES SHALL BE AS SHOWN ON PLANS.
10. DEPTH OF MOISTURE-DENSITY CONTROL SHALL BE FULL DEPTH ON ALL EMBANKMENT AND SIX (6) INCHES ON THE BASE OF CUTS AND FILLS.
11. OUTLET SIDES OF ALL STORM PIPES SHALL BE GRADED TO DRAIN AND SHALL HAVE SUFFICIENT EROSION PROTECTION.
12. THE PERMITTEE OR HIS AGENT SHALL NOTIFY THE SITE GEOTECHNICAL ENGINEER WHEN THE GRADING OPERATIONS ARE READY FOR EACH OF THE FOLLOWING INSPECTIONS:
 - A. INITIAL INSPECTION WHEN THE PERMITTEE IS READY TO BEGIN WORK, BUT NOT LESS THAN TWO (2) DAYS BEFORE ANY GRADING OR GRUBBING IS STARTED.
 - B. AFTER THE NATURAL GROUND OR BEDROCK IS EXPOSED AND PREPARED TO RECEIVE FILL, BUT BEFORE FILL IS PLACED.
 - C. EXCAVATION INSPECTION AFTER THE EXCAVATION IS STARTED BUT BEFORE THE VERTICAL DEPTH OF THE EXCAVATION EXCEEDS TEN (10) FEET.
 - D. FILL INSPECTION AFTER THE FILL PLACEMENT IS STARTED, BUT BEFORE THE FILL EXCEEDS TEN (10) FEET.
13. TEMPORARY CUT/FILL SLOPES SHALL NOT BE STEEPER THAN 2:1 (2H:1V). PERMANENT SLOPES SHALL NOT BE STEEPER THAN 4:1 (4H:1V) IN AREAS TO BE SEED OR SODDED.

1. ALL STATIONING IS BASED ON CENTERLINE OF ROADWAYS UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL PREPARE THE SUBGRADE BY SCARIFYING THE UPPER ONE (1) FOOT OF THE SUBGRADE IN CUT AREAS OR AREAS WITH LITTLE OR NO FILL, UNLESS SPECIFIED IN THE SOILS REPORT. THE WORK SHALL CONFORM TO THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
3. PAVEMENT SHALL NOT BE CONSTRUCTED UNTIL ALL UNDERGROUND UTILITIES HAVE BEEN EXPOSED, TESTED AND ACCEPTED BY THE TOWN OF FIRESTONE ENGINEERING STAFF.
4. IT SHALL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO SUPERVISE AND CERTIFY THAT PROPER COMPACTION HAS BEEN OBTAINED BY SUBCONTRACTORS AND AGENCIES CONCERNING UTILITY LINE BACKFILL INCLUDING, BUT NOT LIMITED TO, SEWER, WATER, ELECTRICAL, GAS AND LANDSCAPE IRRIGATION LINES AND ACCEPTED BY THE TOWN ENGINEERING STAFF AND THE SOILS ENGINEER.
5. STREET PAVING SHALL NOT START UNTIL:
 - A. A SOILS REPORT AND PAVEMENT DESIGN IS ACCEPTED BY THE TOWN ENGINEERING STAFF.
 - B. ALL STREETS ARE COMPACTED IN ACCORDANCE WITH THE SOILS REPORT AND THE TOWN SPECIFICATIONS.
 - C. ALL COMPACTION TEST REPORTS HAVE BEEN SUBMITTED TO THE TOWN ENGINEERING STAFF PRIOR TO PROOF ROLLS.
 - D. PROOF ROLLS ARE PERFORMED USING A LOADED SINGLE AXLE 2000 GALLON WATER TRUCK AND MONITORED BY THE TOWN ENGINEERING STAFF.
6. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY MANHOLE COVERS AND ACCESS LIDS TO GRADE.
7. ALL CONCRETE SHALL BE A MINIMUM OF CLASS B, IN CONFORMANCE WITH CDOT STANDARDS.
8. ALL CONCRETE EDGES MUST BE ROUNDED TO A FOURTH (1/4) INCH RADIUS, EXCEPT WHERE SHOWN OTHERWISE ON DRAWINGS.
9. ONE HALF (1/2) INCH EXPANSION JOINTS SHALL BE INSTALLED AT ALL CURB RETURNS, CURB CUTS AND EXISTING STRUCTURES. JOINTS SHALL BE INSTALLED PER THE TOWN STANDARDS AND SPECIFICATIONS.
10. BEFORE THE PAVING OF THE SUBGRADE SHALL RECEIVE A GROUND STERILANT APPLIED AT A RATE IN ACCORDANCE TO MANUFACTURERS RECOMMENDATIONS.
11. THE GRADATION OF THE MINERAL AGGREGATE WILL BE GRADING SX (1/2" NOMINAL) FOR ALL TOP LIFTS AND OVERLAYS.
12. TACK COAT SHALL BE USED PRIOR TO OVERLAY, (CSS-1H), 50:50 DILUTION, 0.10 GAL/SY. ALL EDGES ABUTTING NEW PAVEMENT SHALL BE TACKED.
13. WHEN IT IS REQUIRED TO MATCH EXISTING PAVEMENT, EXISTING PAVEMENT SHALL BE SAW CUT IN A MANNER TO AFFECT A TIGHT, VERTICAL, STRAIGHT CUT EDGE. A PATCH MILLING MUST BE DONE PER STANDARD DETAILS.
14. ALL SAWCUT EDGES OF EXISTING PAVEMENT SHALL BE CLEAN AND COATED WITH TACK COAT PRIOR TO PLACING NEW PAVEMENT ADJACENT TO THE EXISTING PAVEMENT.
15. ALL ASPHALT SHALL BE ONE FOURTH (1/4) INCH ABOVE CONCRETE EDGES, MANHOLE COVERS AND ACCESS LIDS.
16. SIGNAGE AND STRIPING SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAYS AND THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECS STANDARDS, AND THE TOWN STANDARDS.
17. THE PURCHASE AND INSTALLATION OF STREET NAME SIGNS SHALL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR. THE OWNER/CONTRACTOR SHALL SECURE THE APPROVAL OF THE TOWN ENGINEERING STAFF FOR TYPE AND LOCATION OF THE STREET NAME SIGNS PRIOR TO INSTALLATION.
18. ALL NEW ROADWAY SECTIONS SHALL HAVE SUBGRADE PREPARATION AND INITIAL ASPHALT PATCHES PLACED WITH A 1% CROWN. FINAL OVERLAY IS TO BE PLACED WITH A 2% CROWN. SEE DETAIL "ST" IN THE "STANDARD DETAILS-STREET" FOR MORE INFORMATION.
19. DETERMINATION OF CROWN FOR CUL DE SAC PAVING SHALL BE EVALUATED ON A CASE BY CASE BASIS.

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF PUBLIC IMPROVEMENTS SHALL MEET OR EXCEED THE MOST RECENT STANDARDS AND SPECIFICATIONS FOR LITTLE THOMPSON WATER DISTRICT.
2. ALL WORK SHALL BE INSPECTED AND APPROVED BY LITTLE THOMPSON WATER DISTRICT.
3. ALL PVC PIPE SHALL BE C900 DR14.
4. THE CONTRACTOR SHALL CONTACT LITTLE THOMPSON WATER DISTRICT TO SCHEDULE A PRECONSTRUCTION MEETING AT LEAST 72-HOURS' NOTICE IN ADVANCE.
5. THE CONTRACTOR SHALL COORDINATE WITH LITTLE THOMPSON WATER DISTRICT FOR NECESSARY SYSTEM SHUTDOWNS. CONTRACTOR SHALL PROVIDE A MINIMUM OF 72-HOUR NOTICE PRIOR TO ANTICIPATED SHUT DOWN.
6. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 811 AT LEAST 2 WORKING DAYS PRIOR TO BEGINNING EXCAVATION OR GRADING TO HAVE ALL REGISTERED UTILITY LOCATIONS OTHER UNREGISTERED UTILITY ENTITIES (I.E. DITCH/IRRIGATION COMPANY) ARE TO BE LOCATED BY CONTACTING THE RESPECTIVE REPRESENTATIVE. IF A CONFLICT EXISTS WITH ANOTHER UTILITY AND A LITTLE THOMPSON WATER DISTRICT WATERLINE, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER OF RECORD AND LITTLE THOMPSON WATER DISTRICT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING AS-BUILT INFORMATION ON A SET OF RECORD KEPT ON THE CONSTRUCTION SITE AND AVAILABLE TO LITTLE THOMPSON WATER DISTRICT AT ALL TIMES.
8. AFTER ACCEPTANCE BY LITTLE THOMPSON WATER DISTRICT, WATERLINE IMPROVEMENTS DEPICTED IN THESE PLANS SHALL BE GUARANTEED TO BE FREE FROM MATERIAL AND WORKMANSHIP DEFECTS FOR A PERIOD TWO YEARS FROM THE DATE OF ACCEPTANCE.
9. APPROVAL BY LITTLE THOMPSON WATER DISTRICT DOES NOT RELIEVE THE ENGINEER OF RECORD FROM THE RESPONSIBILITY FOR THE DESIGN OF THE WATERLINE FACILITIES.

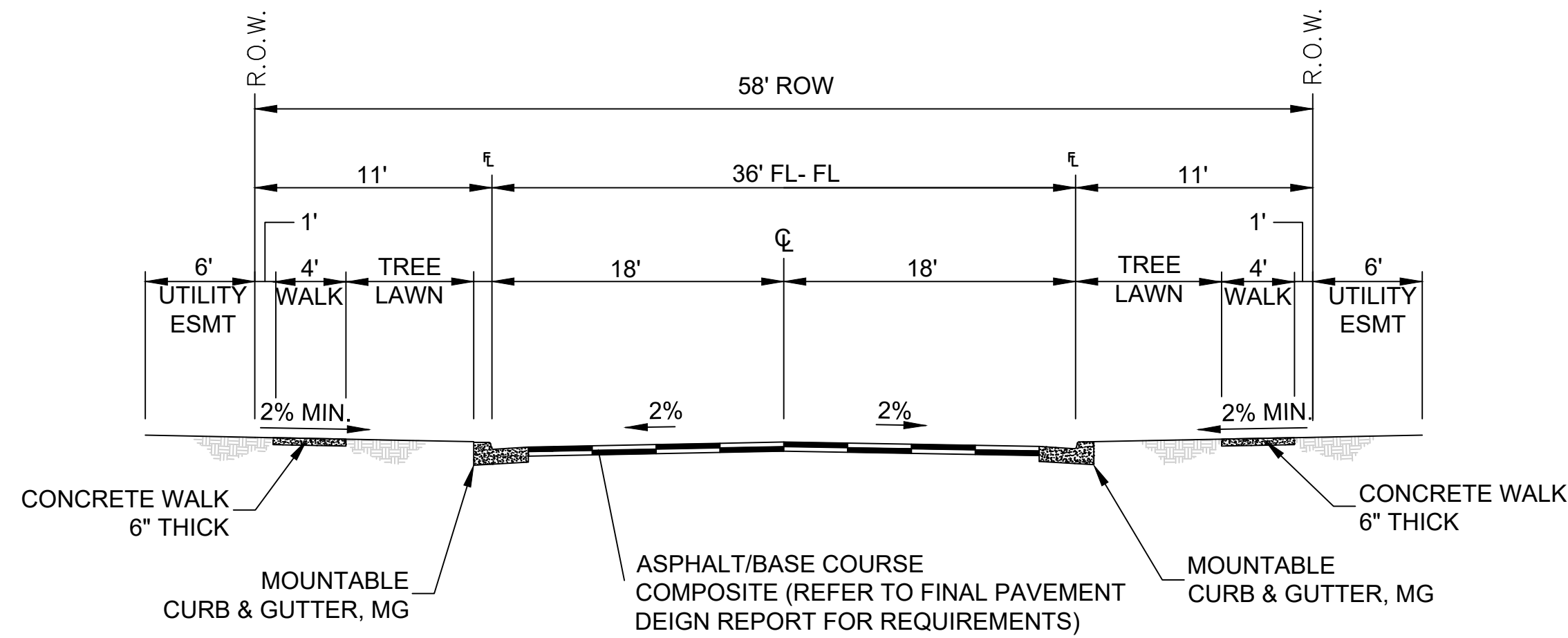


DATE	NO.	NOTES	DRAWN	JAL
08/03/2021	1	1ST SUBMITTAL	CHECKED	EBR
10/27/2021	2	2ND SUBMITTAL	APPROVED	EBR
01/14/2022	3	3RD SUBMITTAL	PROJECT NO.	09001.25
			HORIZ. SCALE	1" = 50'
			VERT. SCALE	1" = 5'

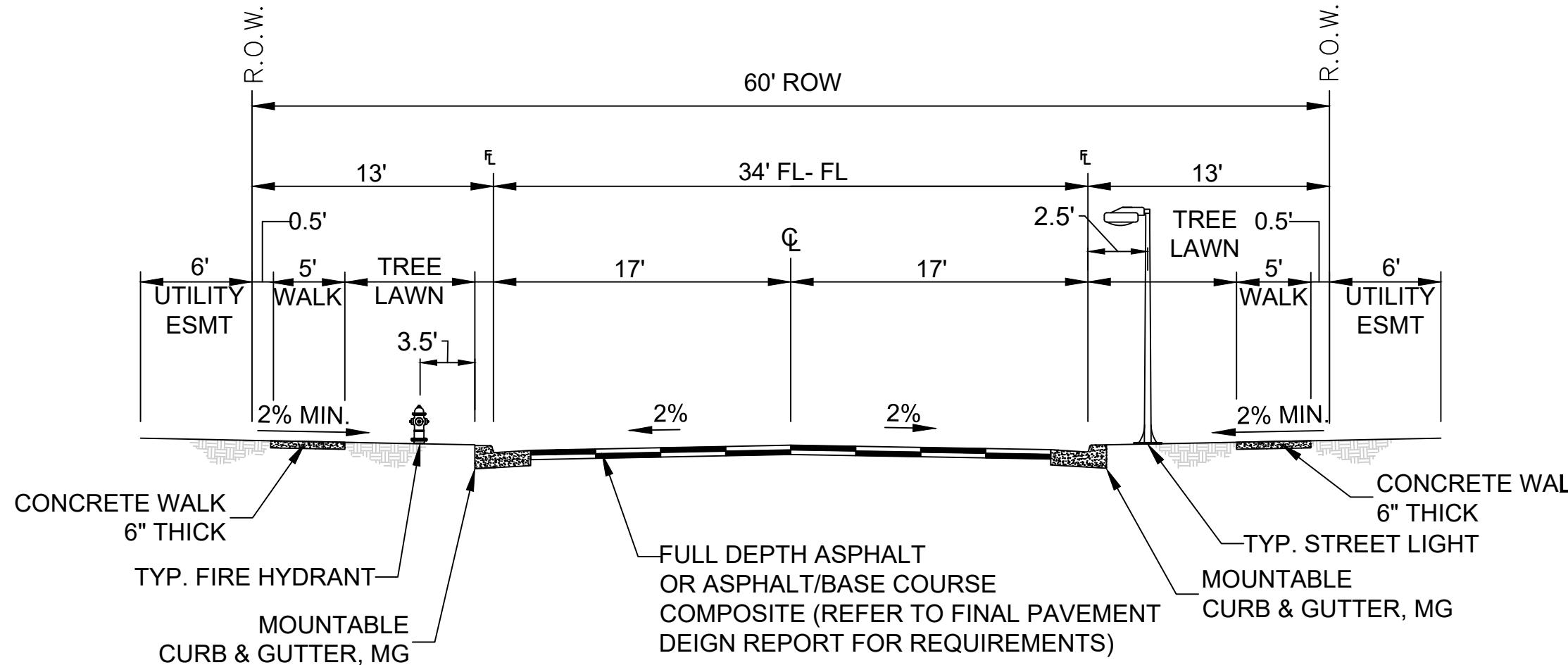
GENERAL NOTES

C1.2

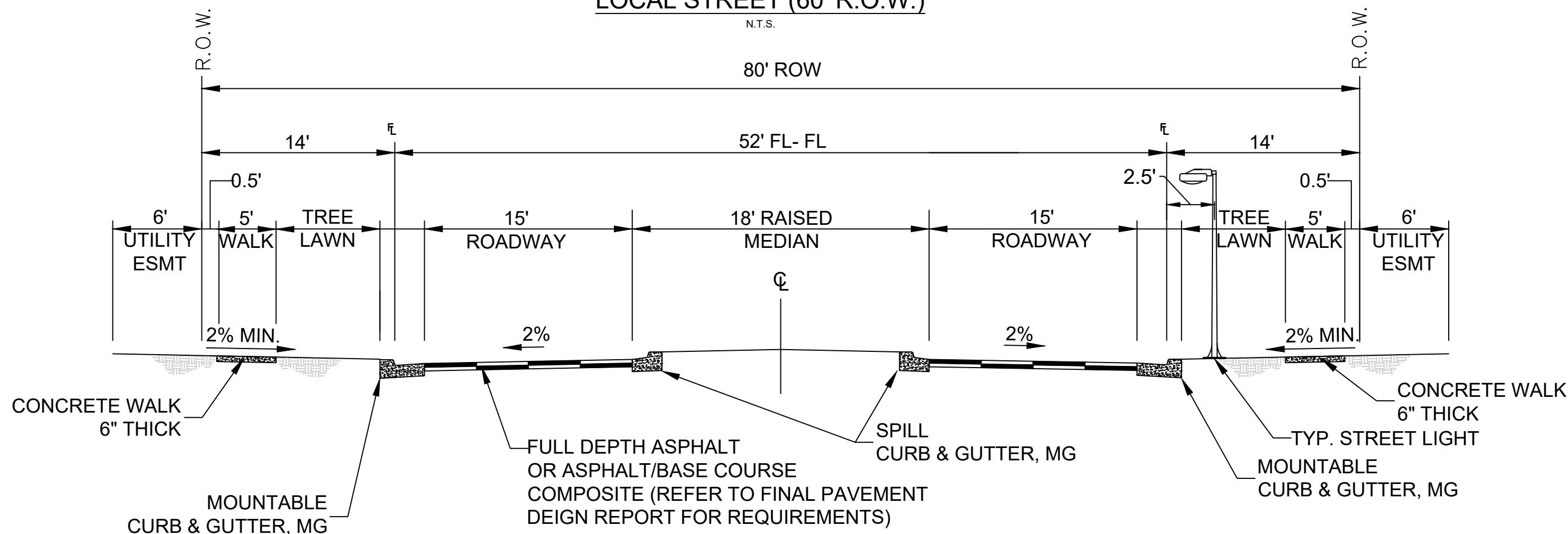
1:2020/08/01 - Barefoot Lakes/Cadd/Sheet Specs/08001.22 BFL Filing @Preliminary Construction Plans/C1.0 COVER SHEET.dwg tab: C1.3 TYPICAL SECTIONS Jan 14, 2022 - 1:56pm erumny



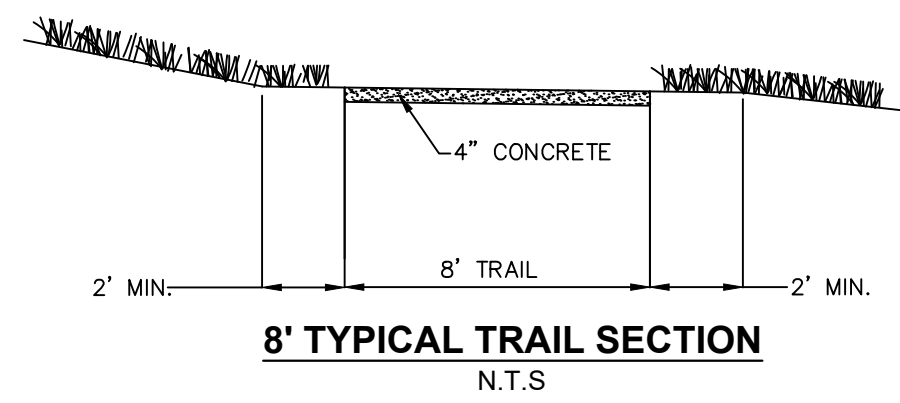
58' LOCAL RESIDENTIAL
N.T.S.



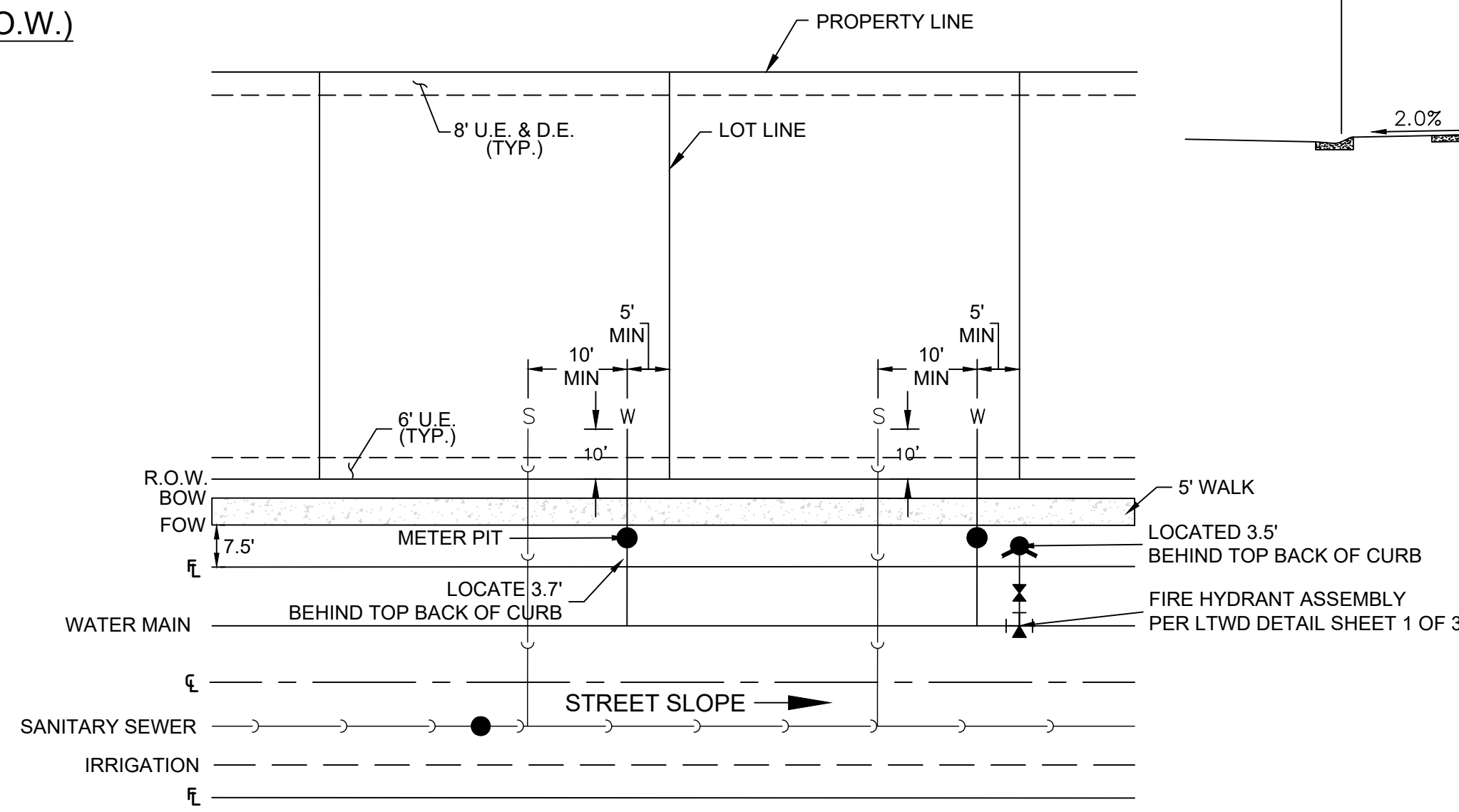
LOCAL STREET (60' R.O.W.)
N.T.S.



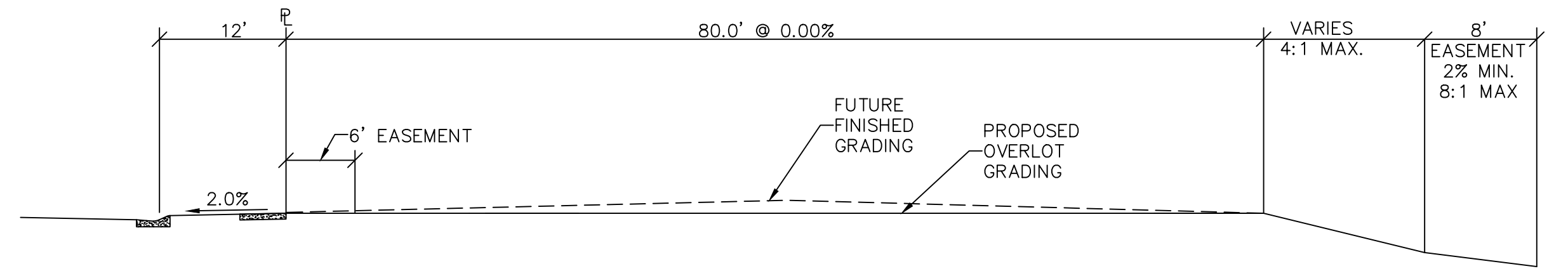
COLLECTOR STREET (80' R.O.W.)
N.T.S.



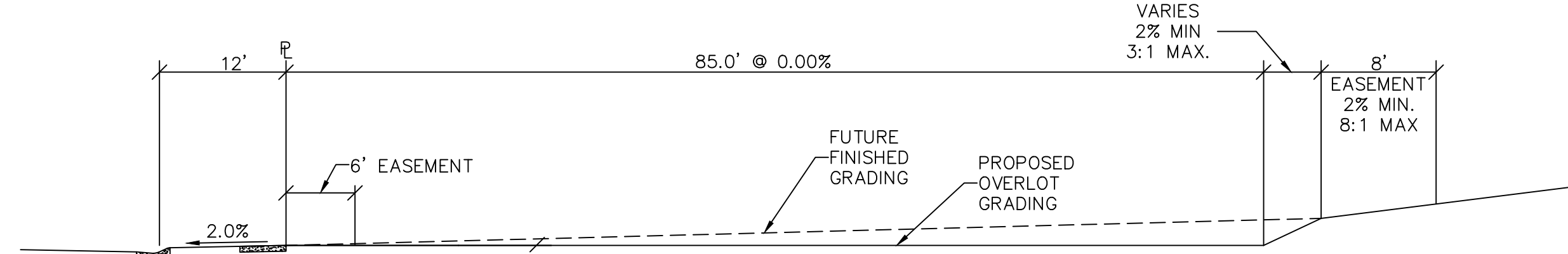
8' TYPICAL TRAIL SECTION
N.T.S.



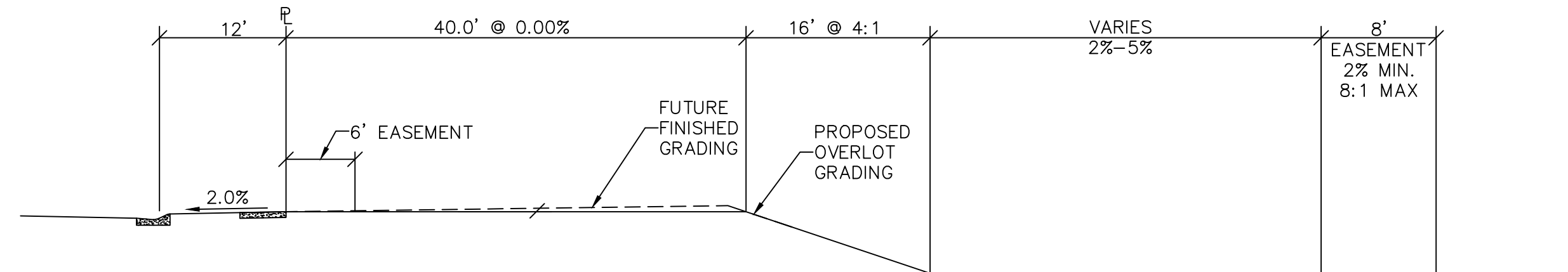
TYPICAL UTILITY LAYOUT (FRONT LOAD)
N.T.S.



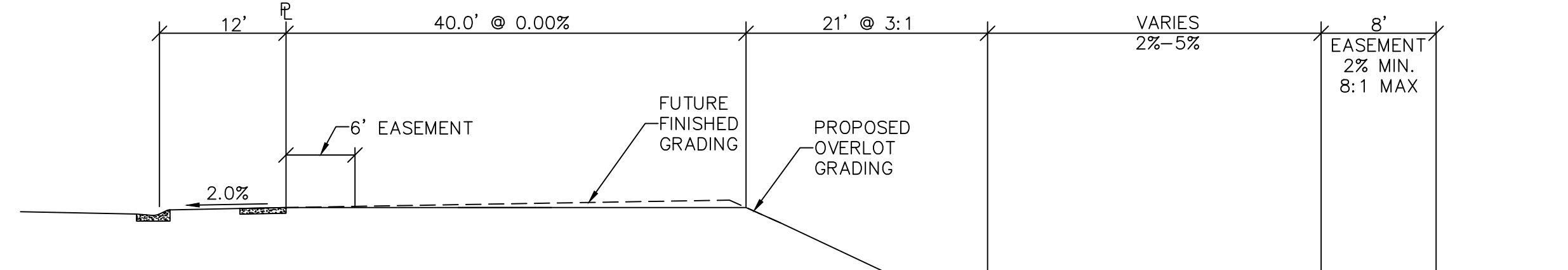
TYPICAL 'B' STYLE GRADING



TYPICAL 'A' STYLE GRADING



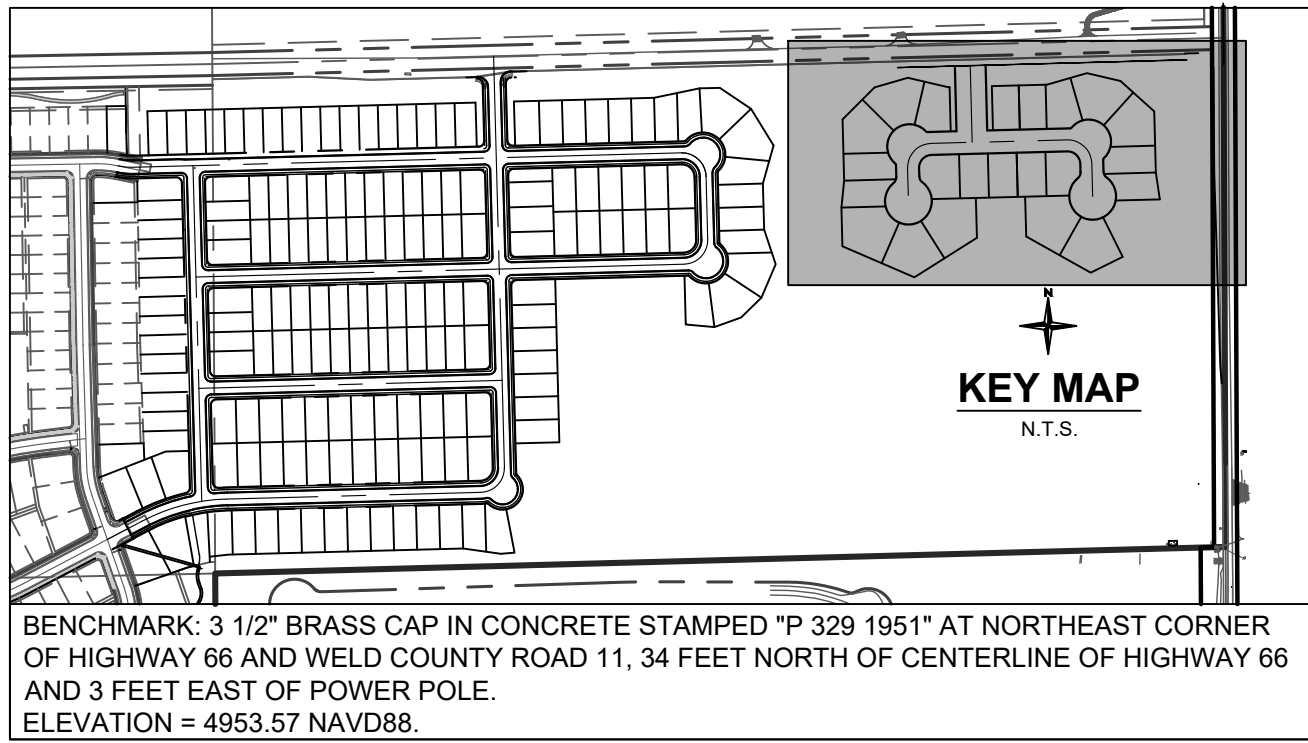
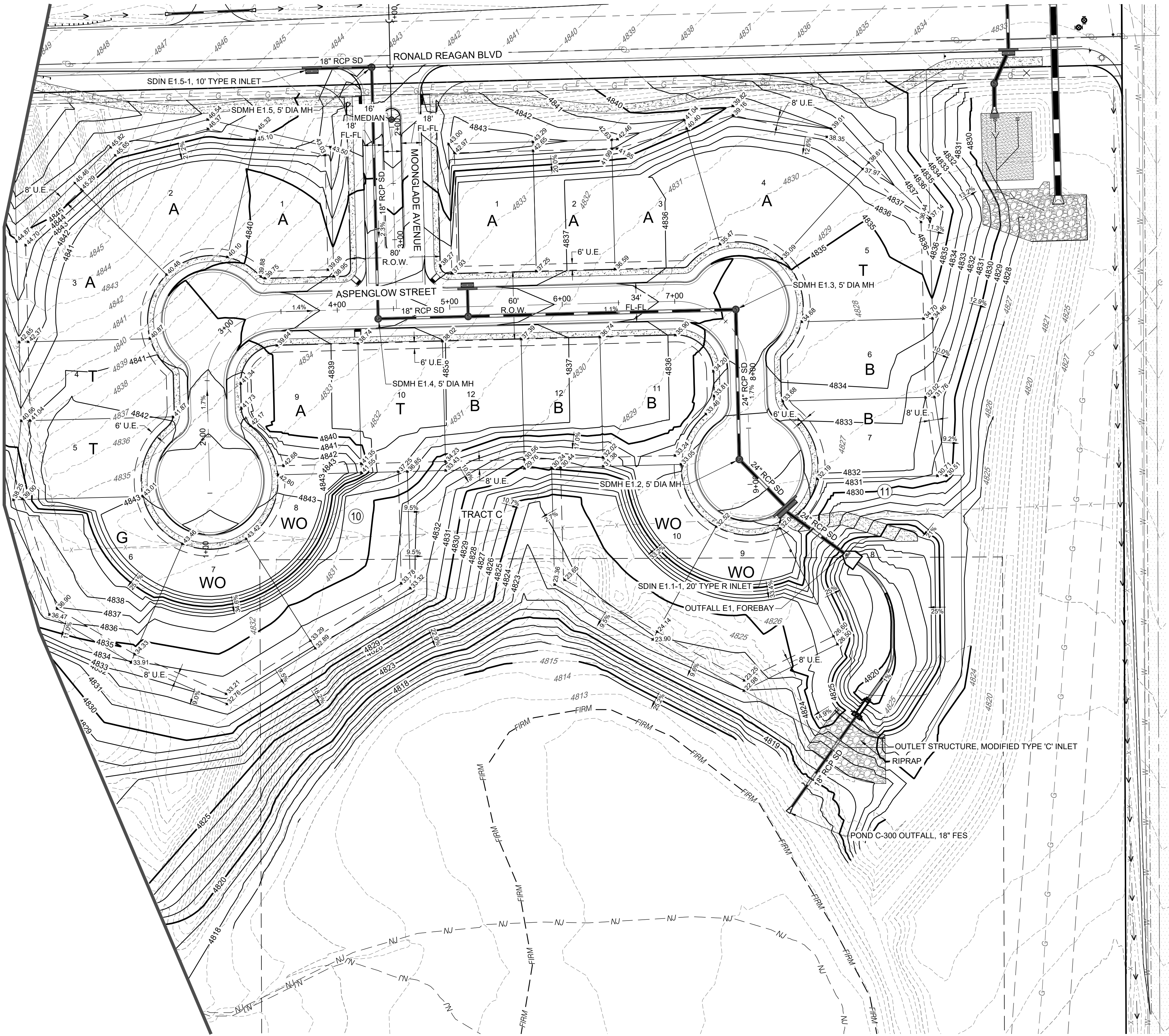
TYPICAL 'G' STYLE GRADING



TYPICAL 'WO' STYLE GRADING

1:2020/08/01 - Barefoot Lakes/CaddSheet Sss08001.25 BFL Filing 6/Preliminary Construction Plans/C3.0 OVERALL GRADING PLAN.dwg tba: C3.4 OVERLOT GRADING PLAN Jun 14, 2022 2:00pm erumney

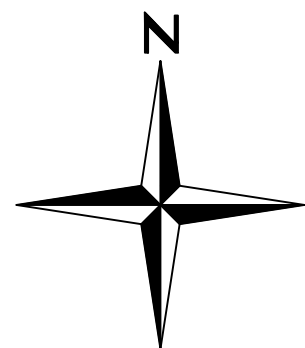
REFERENCE LINE SEE SHEET C3.3



BENCHMARK: 3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE. ELEVATION = 4953.57 NAVD88.



Know what's below.
Call before you dig.



0 25 50 100
SCALE: 1" = 50'

BAREFOOT LAKES FILING NO. 6

OVERLOT GRADING PLAN

SHEET

C3.4

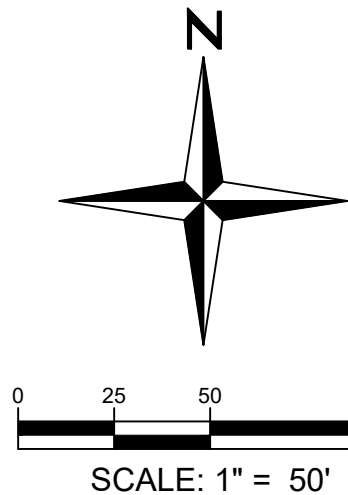
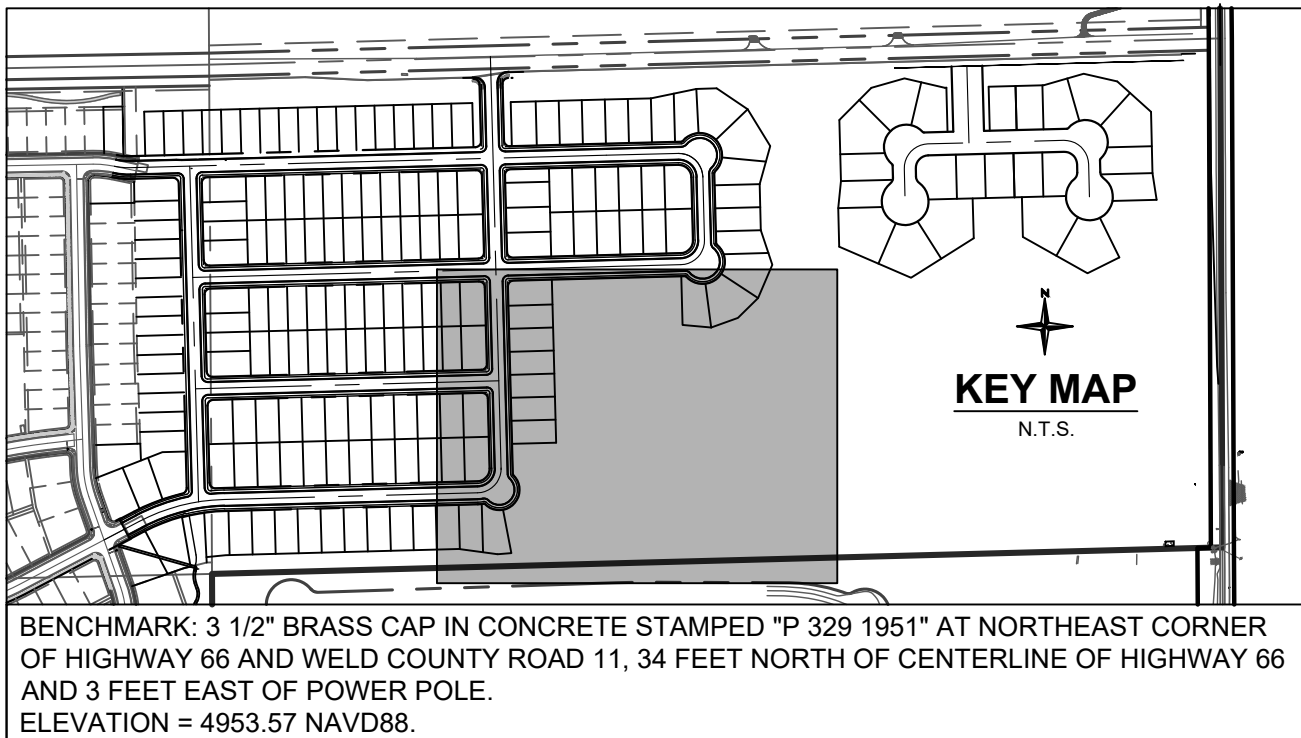
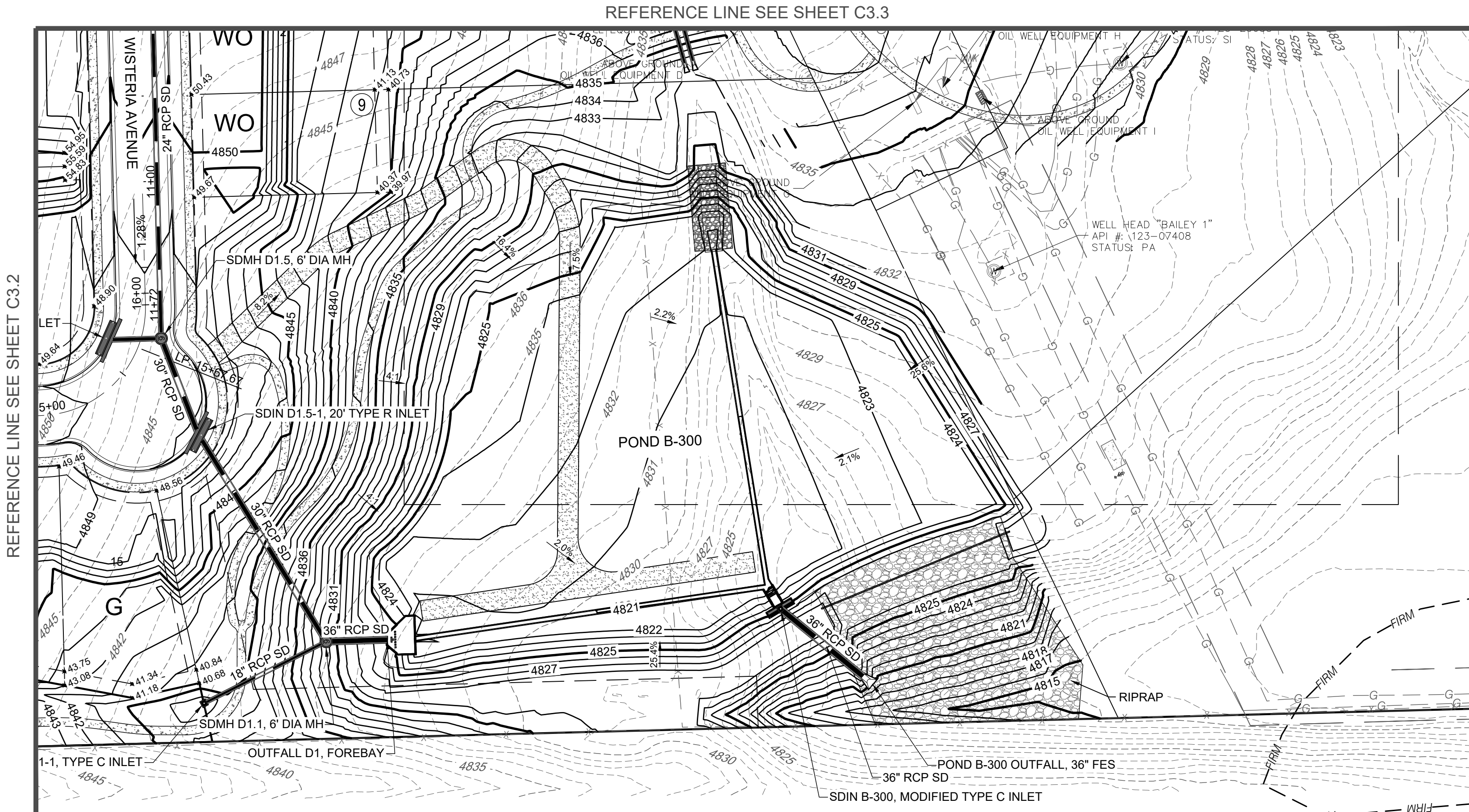
DATE	NO.	NOTES
08/03/2021	1	1ST SUBMITTAL
10/27/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

DRAWN	JML
CHECKED	EBR
APPROVED	EBR
PROJECT NO.	08001.25
HORIZ. SCALE	1" = 50'
VERT. SCALE	1" = 5'

Redland
WHERE GREAT PLACES BEGIN

7700 383 4793 Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM

I:\2020\08001 - Barefoot Lakes\City\Sheet Specs\08001_25 BFL Filing\6Preliminary Construction Plans\C3.0 OVERALL GRADING PLAN.dwg tab: C3.5 OVERLOT GRADING PLAN Jun 14, 2022 - 2:00pm erumney



BAREFOOT LAKES FILING NO. 6

SHEET

C3.5

OVERLOT GRADING PLAN

DRAWN	JML
CHECKED	EBR
APPROVED	EBR
PROJECT NO.	08007.25
HORIZ. SCALE	1" = 50'
VERT. SCALE	1" = 5'

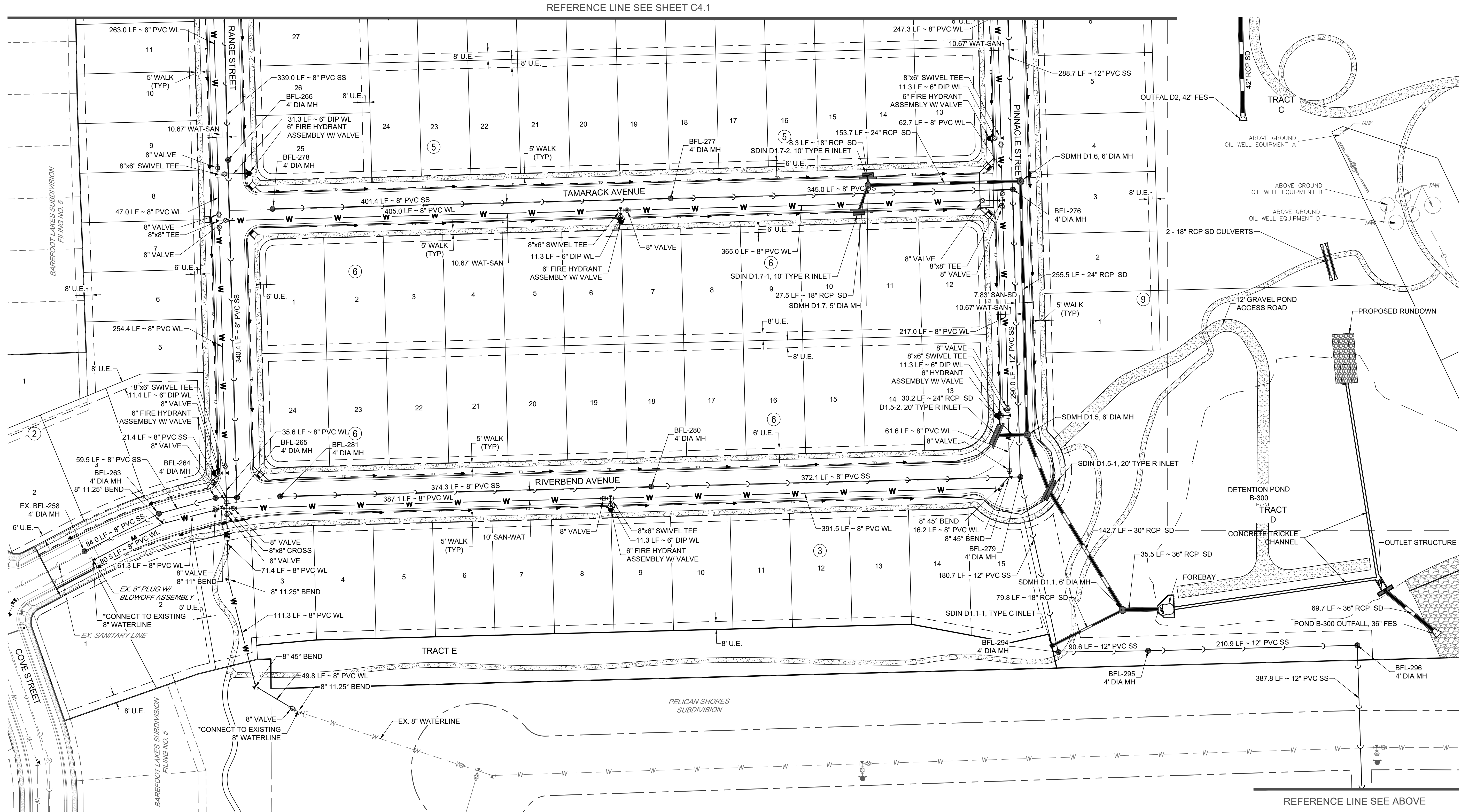
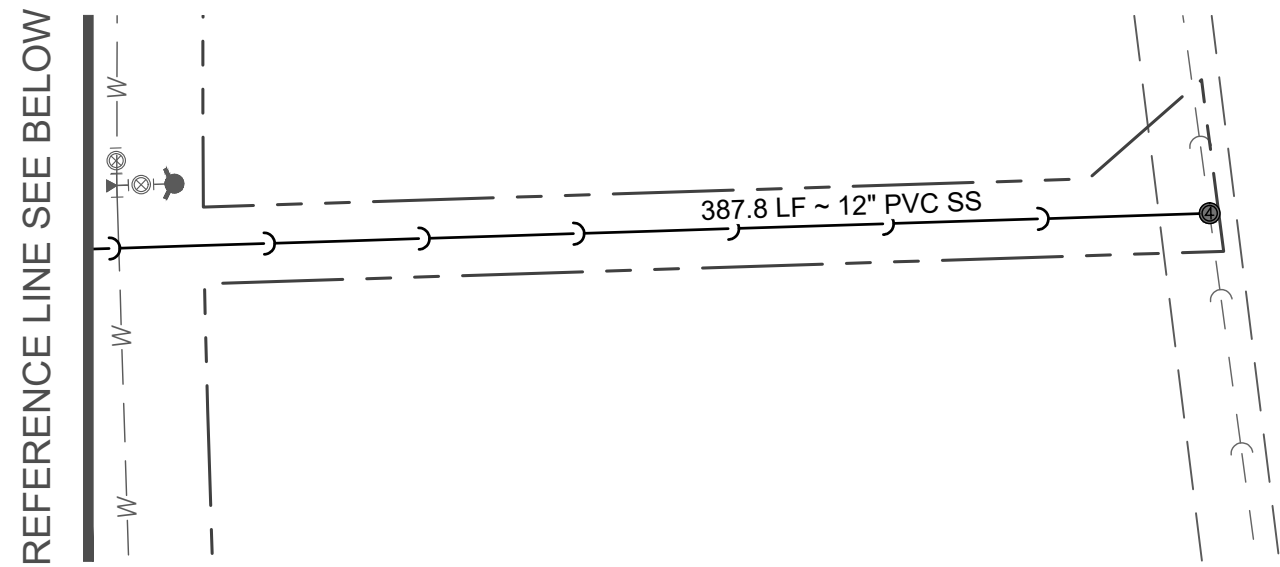
NOTES

DATE	NO.	1ST SUBMITTAL
08/03/2021	1	1ST SUBMITTAL
10/27/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

Redland
WHERE GREAT PLACES BEGIN

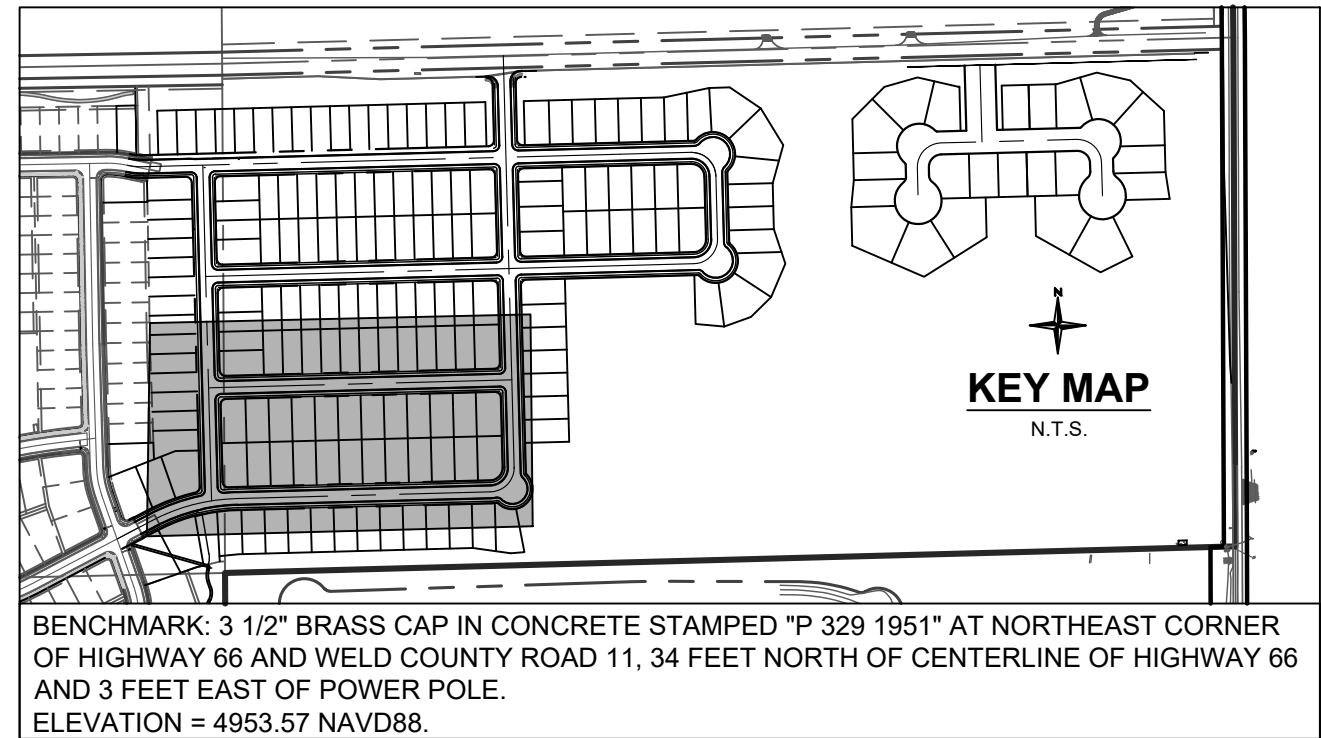
7700 383rd Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM

1:2024080801 - Barefoot Lakes/Cove/Sheet 22 BFL Filing 6 Preliminary Construction Plans/C4.0 OVERALL UTILITY PLAN Jan 14, 2022 - 2:02pm eummay



NOTES

1. REFER TO THE PRELIMINARY PLAT FOR BAREFOOT LAKES FILING NO. 6, FOR ALL INFORMATION REGARDING LOT, STREET, AND OVERALL SITE GEOMETRY.
2. ALL WATERLINES SHALL BE C-900 DR-14 PVC. 6" DIP CAN BE USED FOR HYDRANT LATERALS.
3. PLEASE SEE BAREFOOT LAKES - RONALD REAGAN PHASE 3 CONSTRUCTION DOCUMENTS FOR DESIGN OF FUTURE IMPROVEMENTS WITHIN RONALD REAGAN BLVD.



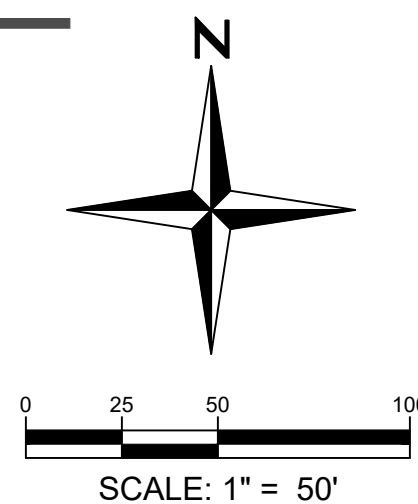
Redland
WHERE GREAT PLACES BEGIN
7700 283rd Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM

BAREFOOT LAKES FILING NO. 6

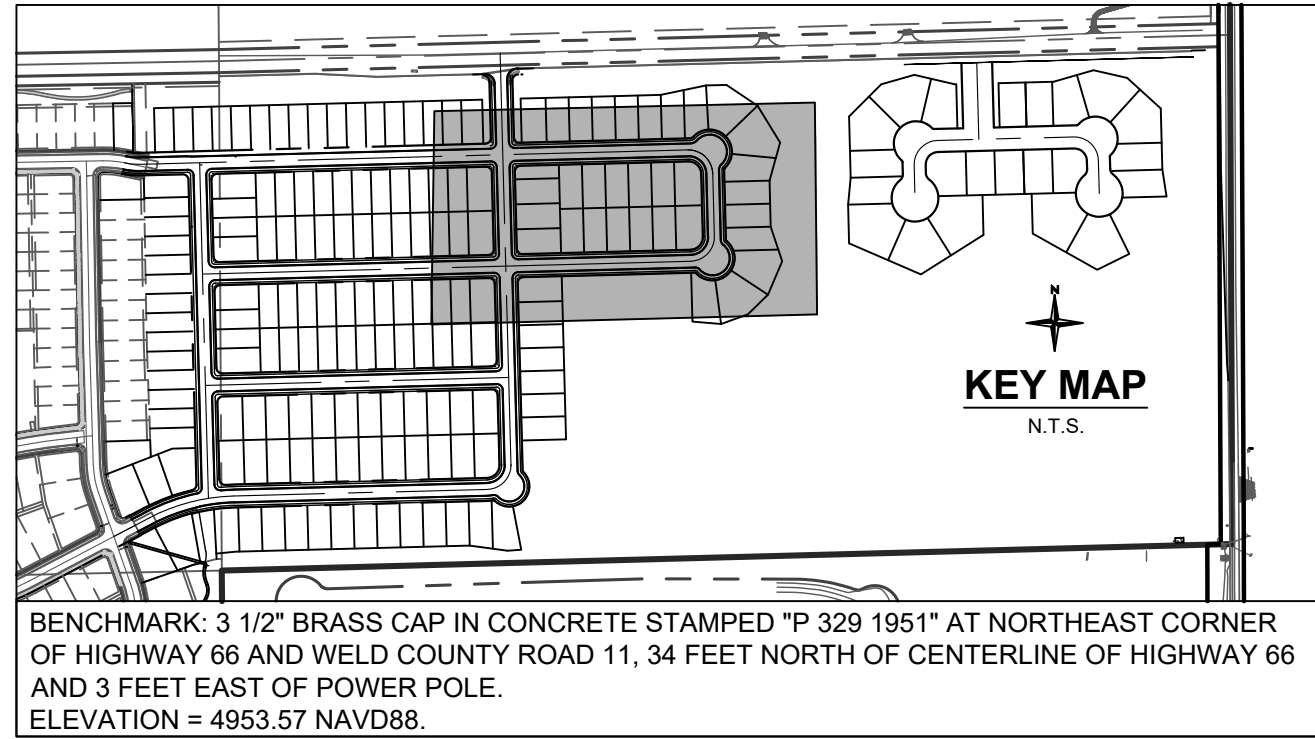
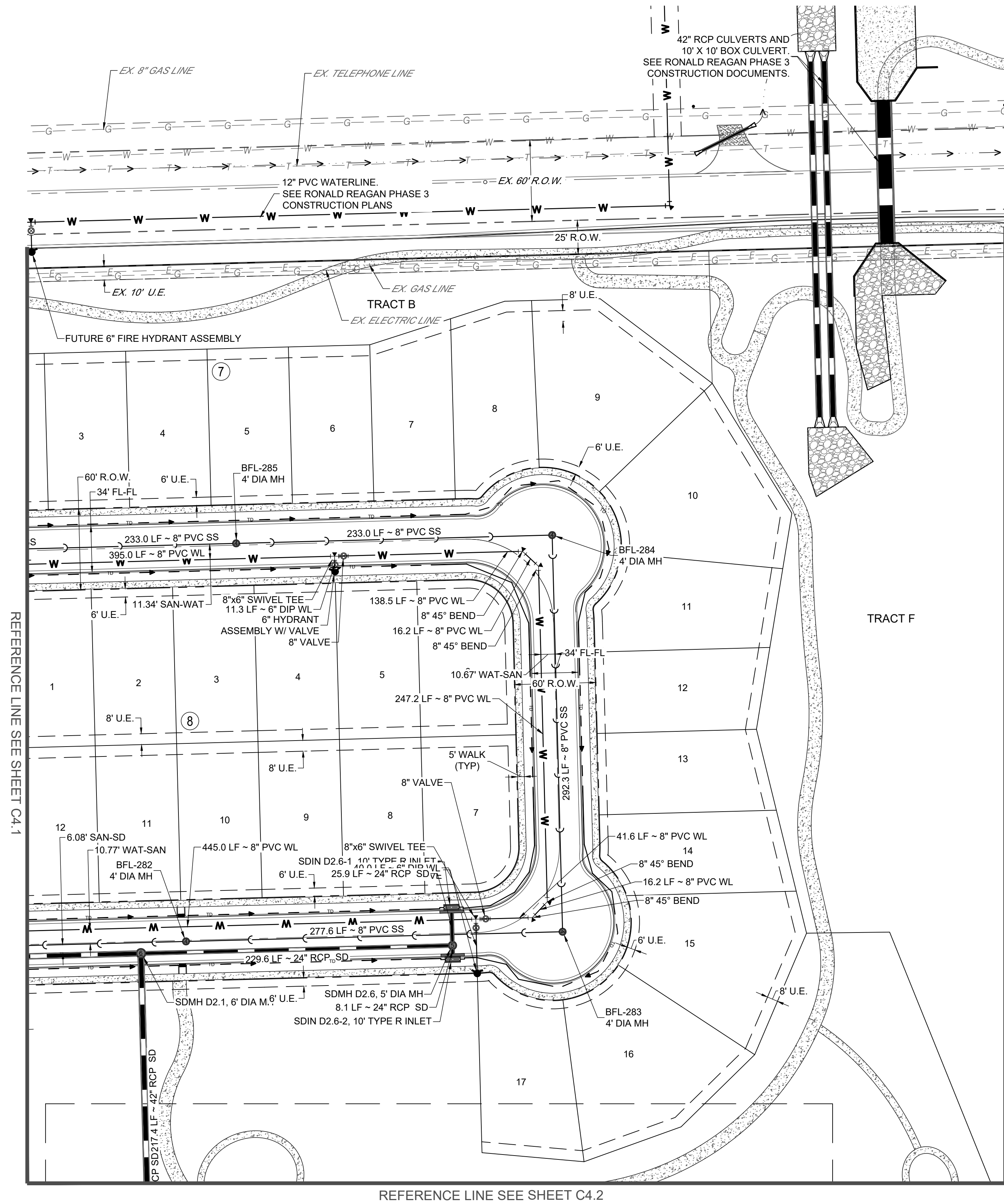
OVERALL UTILITY PLAN

SHEET

C4.2



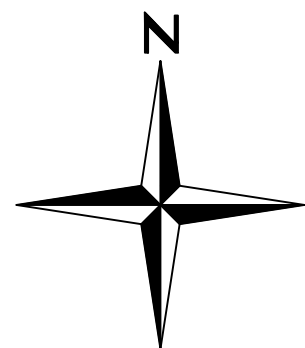
1:20240808001 - Barefoot Lakes/City/Sheet/Sheet/08001 25 BFL Filing 6/Preliminary Construction Plans/C4.0 OVERALL UTILITY PLAN Jan 14, 2022 - 2:02pm etumney



NOTES

- 1. REFER TO THE PRELIMINARY PLAT FOR BAREFOOT LAKES FILING NO. 6, FOR ALL INFORMATION REGARDING LOT, STREET, AND OVERALL SITE GEOMETRY.
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- 3. PLEASE SEE BAREFOOT LAKES - RONALD REAGAN PHASE 3 CONSTRUCTION DOCUMENTS FOR DESIGN OF FUTURE IMPROVEMENTS WITHIN RONALD REAGAN BLVD.

REFERENCE LINE SEE SHEET C4.4



0 25 50 100
SCALE: 1" = 50'

BAREFOOT LAKES FILING NO. 6

OVERALL UTILITY PLAN

SHEET

C4.3

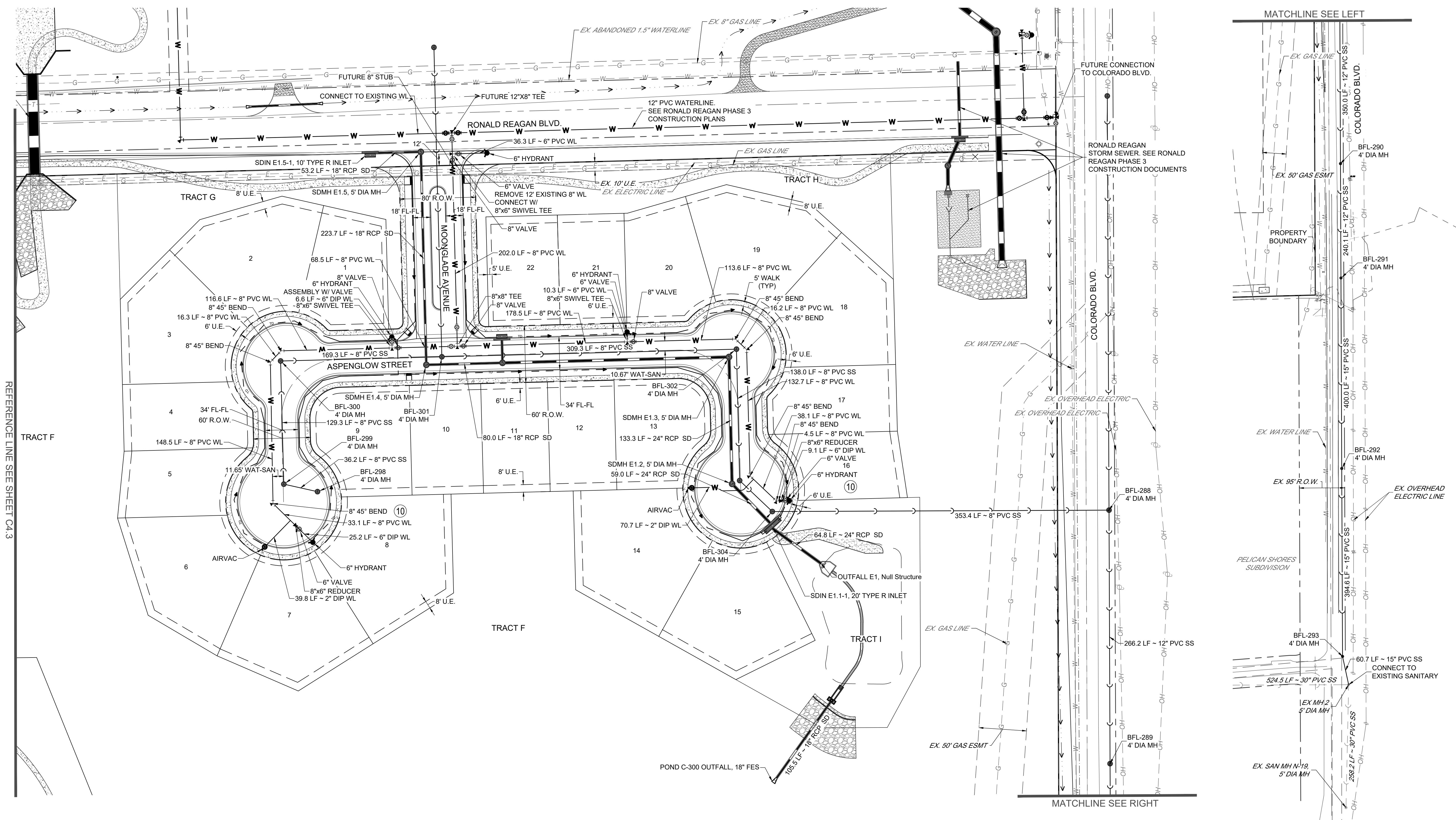
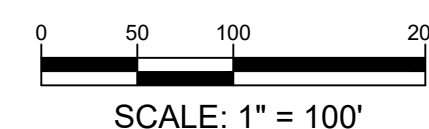
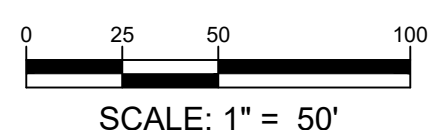
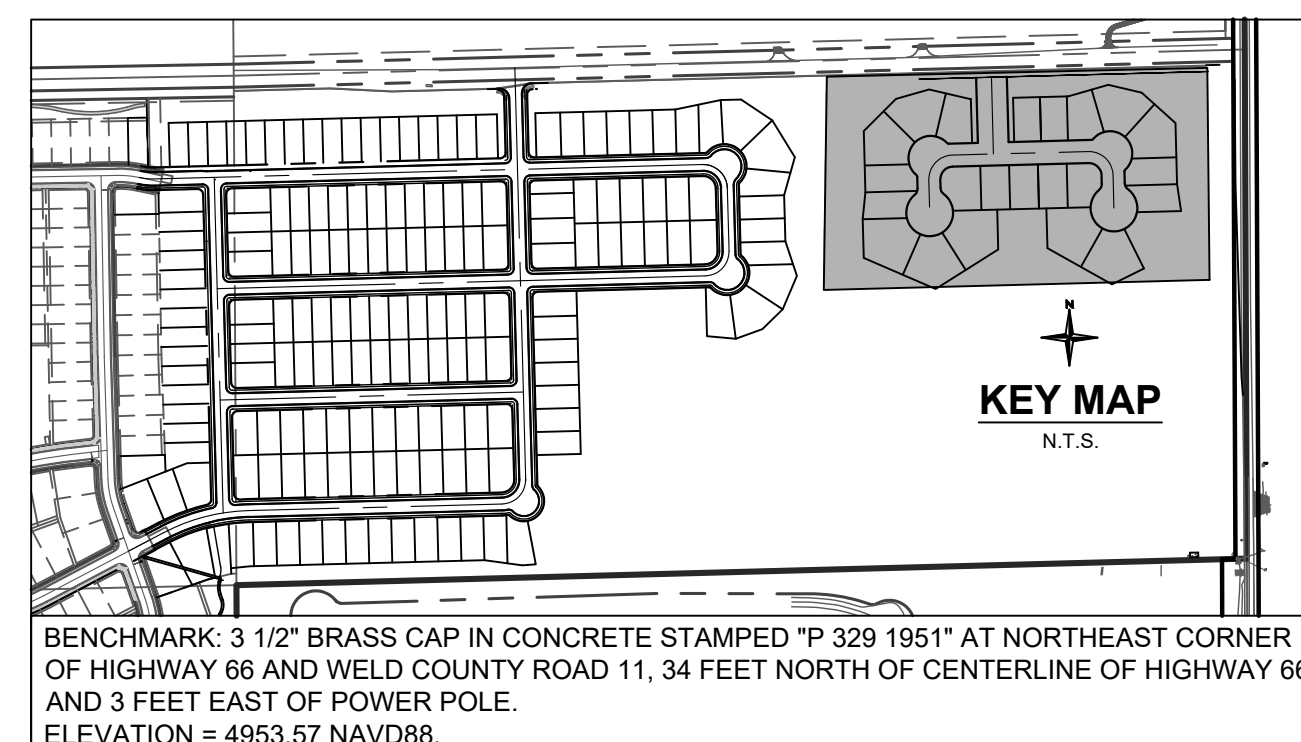


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1500 West Canal Court
Littleton, Colorado 80120
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NOTES

1. REFER TO THE PRELIMINARY PLAT FOR BAREFOOT LAKES FILING NO. 6, FOR ALL INFORMATION REGARDING LOT, STREET, AND OVERALL SITE GEOMETRY.
2. ALL WATERLINES SHALL BE C-900 DR-14 PVC. 6" DIP CAN BE USED FOR HYDRANT LATERALS.
3. PLEASE SEE BAREFOOT LAKES - RONALD REAGAN PHASE 3 CONSTRUCTION DOCUMENTS FOR DESIGN OF FUTURE IMPROVEMENTS WITHIN RONALD REAGAN BLVD.



DRAWN	JML
CHECKED	EBR
APPROVED	EBR
PROJECT NO.	08001.25
HORIZ. SCALE	1" = 50'
VERT. SCALE	1" = 5'

[illegible]

BAREFOOT LAKES FILING NO. 6

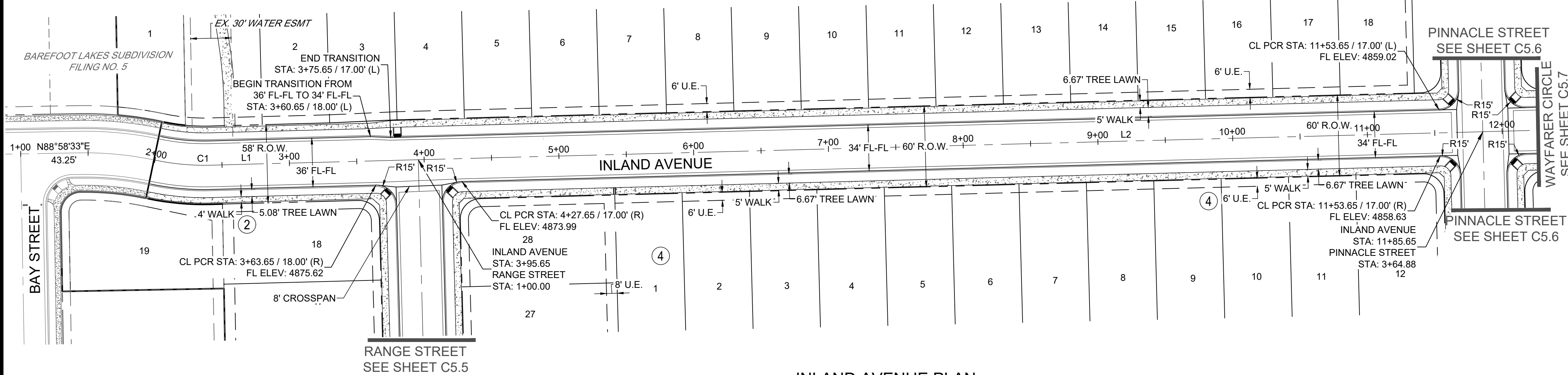
OVERALL UTILITY PLAN

SHEET

C4.4

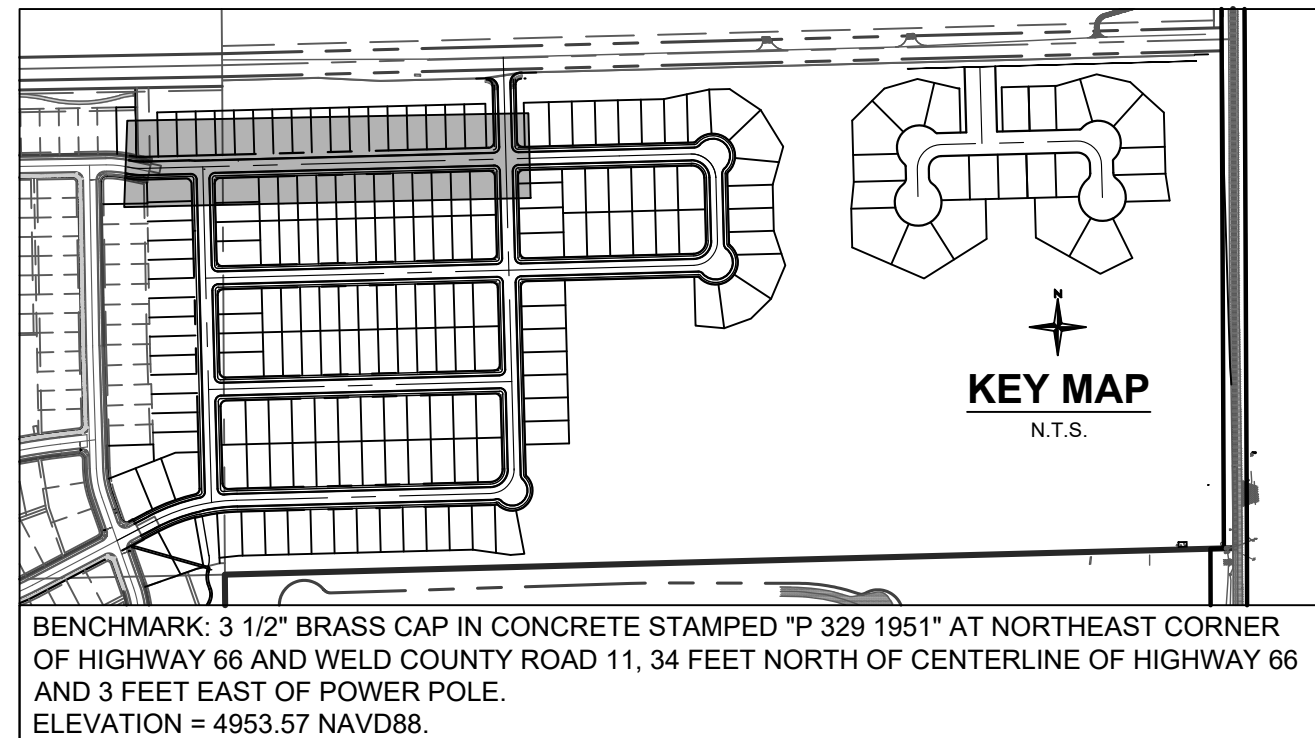
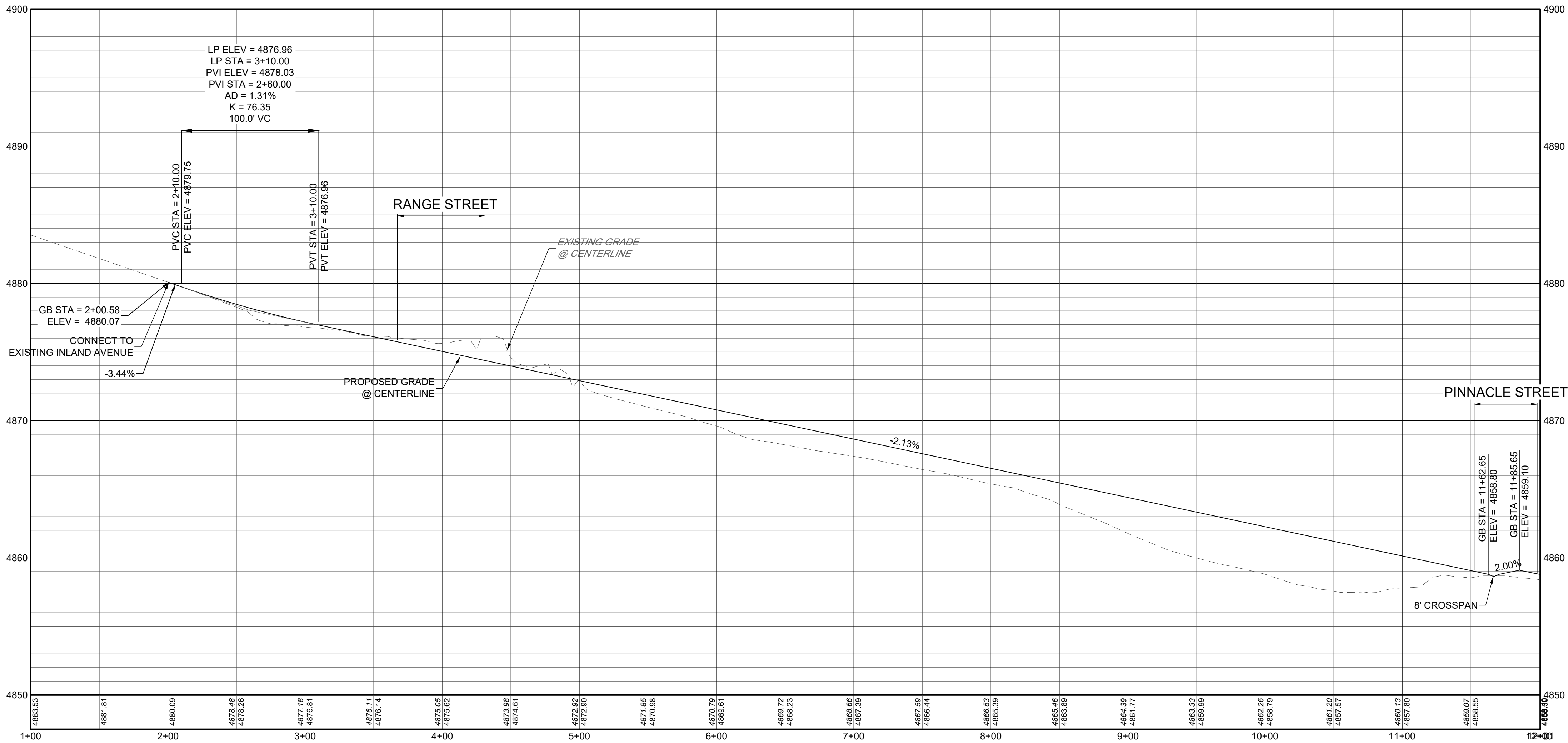
\\2008\08001 - Barefoot Lakes\CaddSheet Sets\08001.25 BFL Filing 6\Preliminary Construction Plans\C4.0 OVERALL UTILITY PLAN Jan 14, 2022 - 2:03pm erumney

I:\2008\08001 - Barefoot Lakes\Crds\Sheet\08001.25 BFL Filing\6\Preliminary Construction Plans\C5.1 INLAND AVENUE.dwg, Jan 14, 2022, 2:04pm, eummay



INLAND AVENUE PLAN
SCALE: 1" = 50'

INLAND AVENUE PROFILE
H: 1" = 50'
V: 1" = 5'



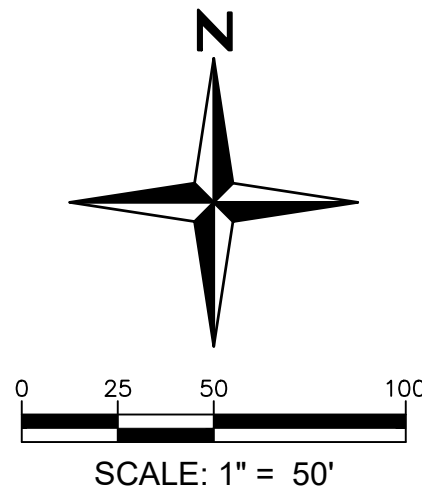
- NOTES:
1. ALL STATIONING IS ON CL UNLESS OTHERWISE NOTED ON PLANS.
 2. ALL ELEVATIONS ARE PROPOSED GRADE LINE UNLESS OTHERWISE NOTED ON PLANS.
 3. REFER TO THE TOWN OF FIRESTONE STANDARDS AND SPECS REGARDING THE CONSTRUCTION OF ALL PUBLIC ROADWAY IMPROVEMENTS.
 4. REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	944.43'	N88°29'41"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	40.63'	175.00'	13°18'15"



Know what's below.
Call before you dig.



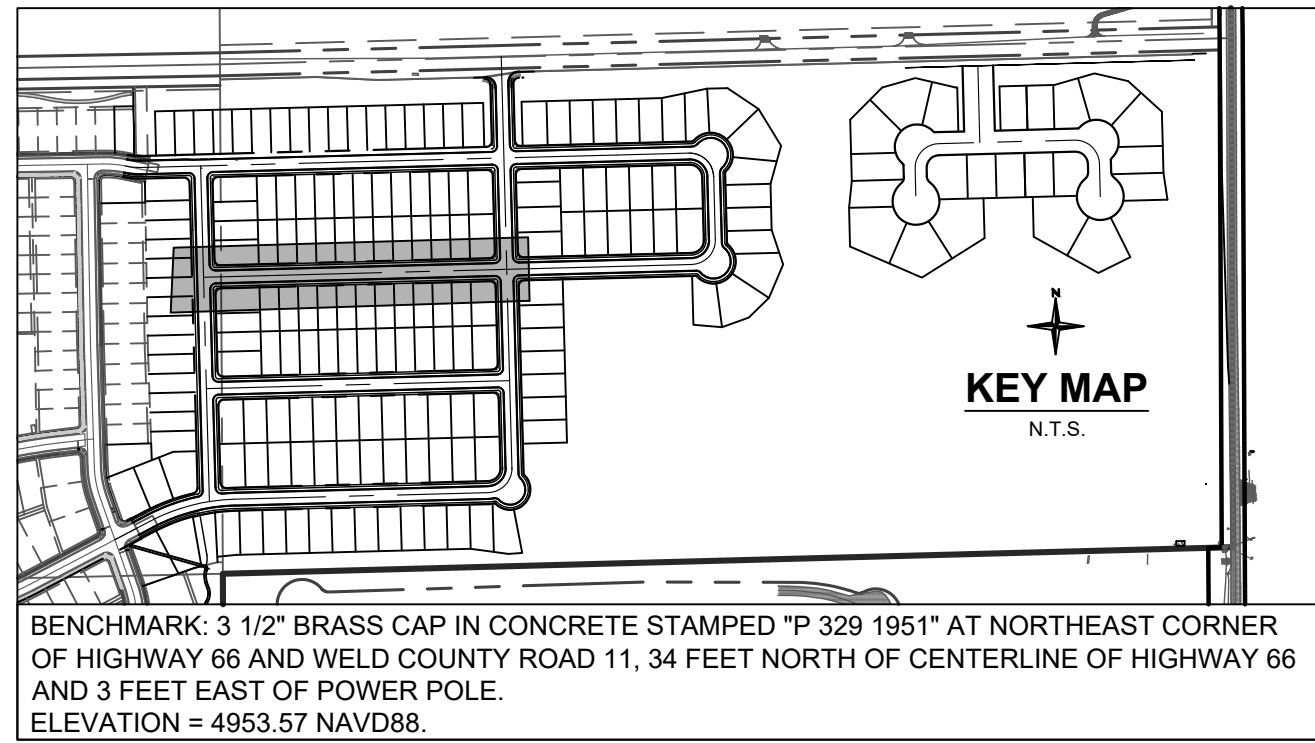
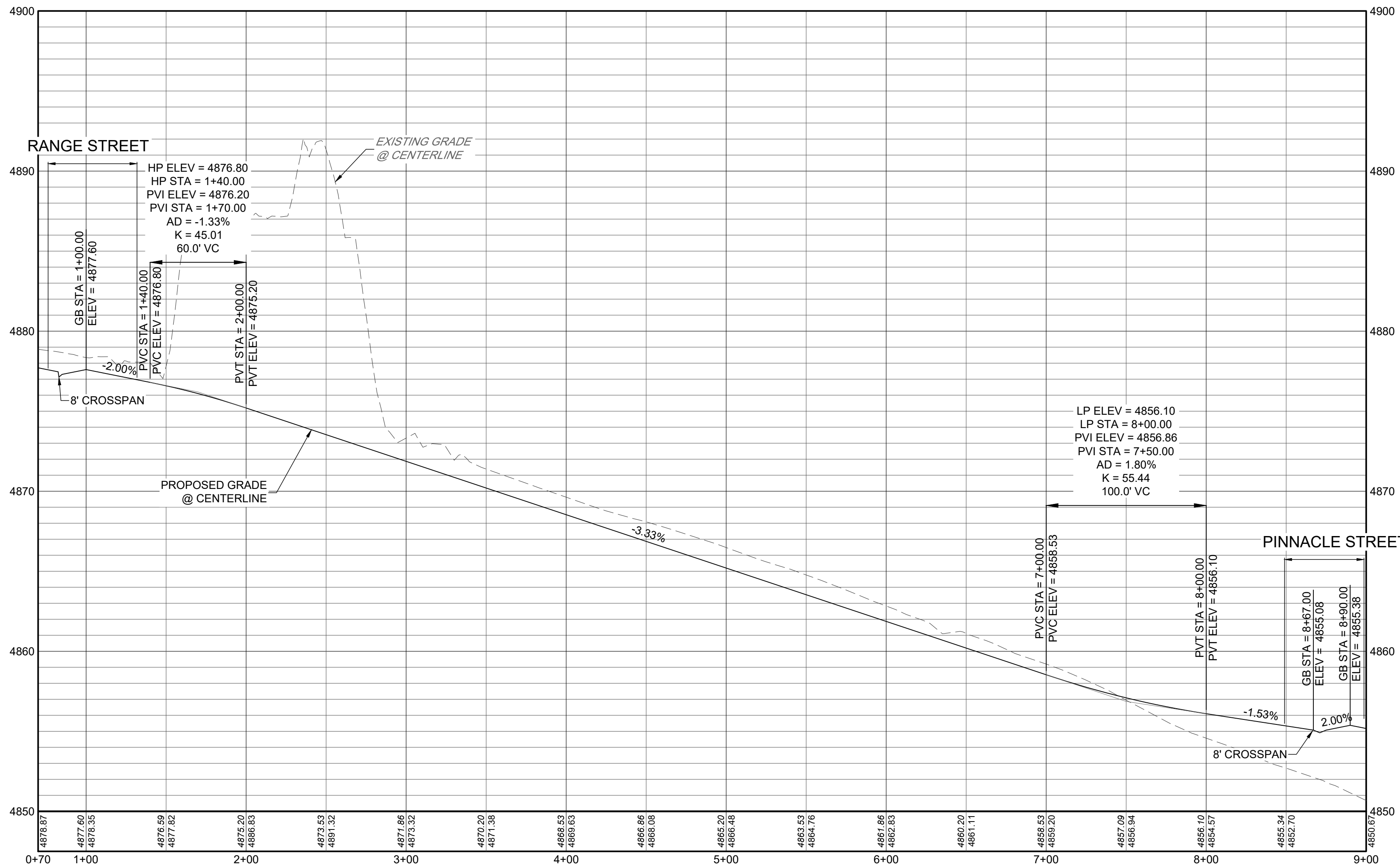
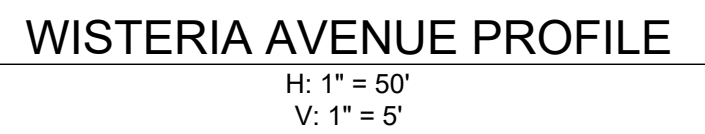
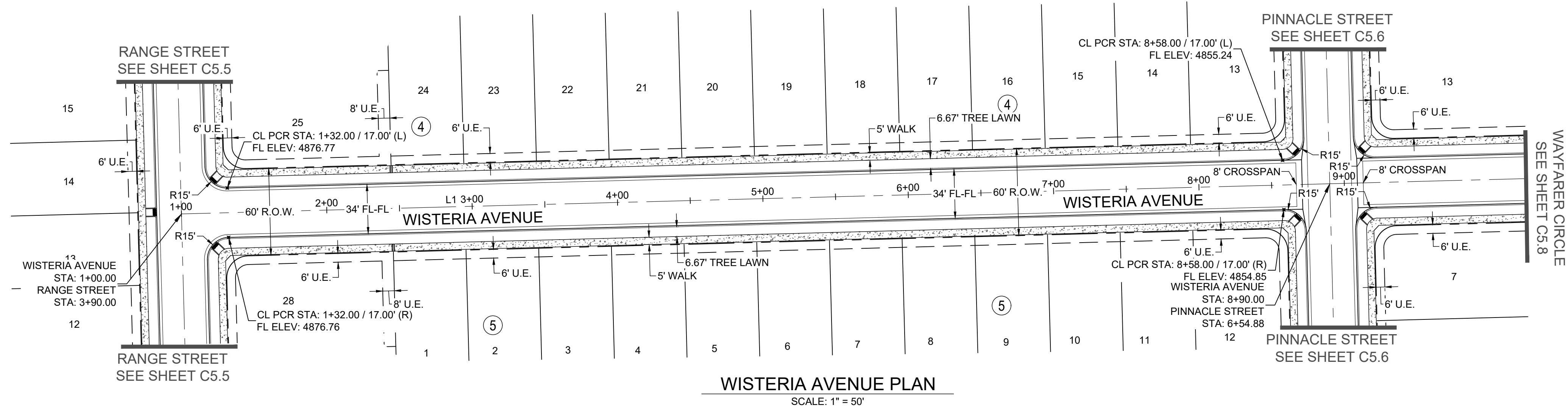
BAREFOOT LAKES FILING NO. 6
INLAND AVENUE
STREET PLAN & PROFILE

SHEET

C5.1



I:\2008\08001 - Barefoot Lakes\Sheet Sets\08001 25 BFL Filing\6\Preliminary Construction Plans\C5.3 WISTERIA AVENUE.dwg Job: C5.2 WISTERIA AVENUE Jan 14, 2022 - 2:05pm enunmy

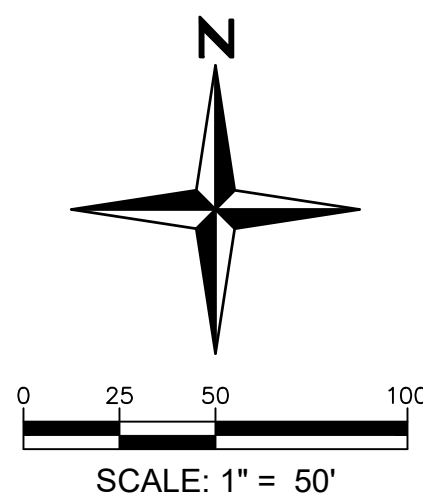


- NOTES:
- ALL STATIONING IS ON CL UNLESS OTHERWISE NOTED ON PLANS.
 - ALL ELEVATIONS ARE PROPOSED GRADE LINE UNLESS OTHERWISE NOTED ON PLANS.
 - REFER TO THE TOWN OF FIRESTONE STANDARDS AND SPECS REGARDING THE CONSTRUCTION OF ALL PUBLIC ROADWAY IMPROVEMENTS.
 - REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	790.00'	N88°29'41"E



Know what's below.
Call before you dig.



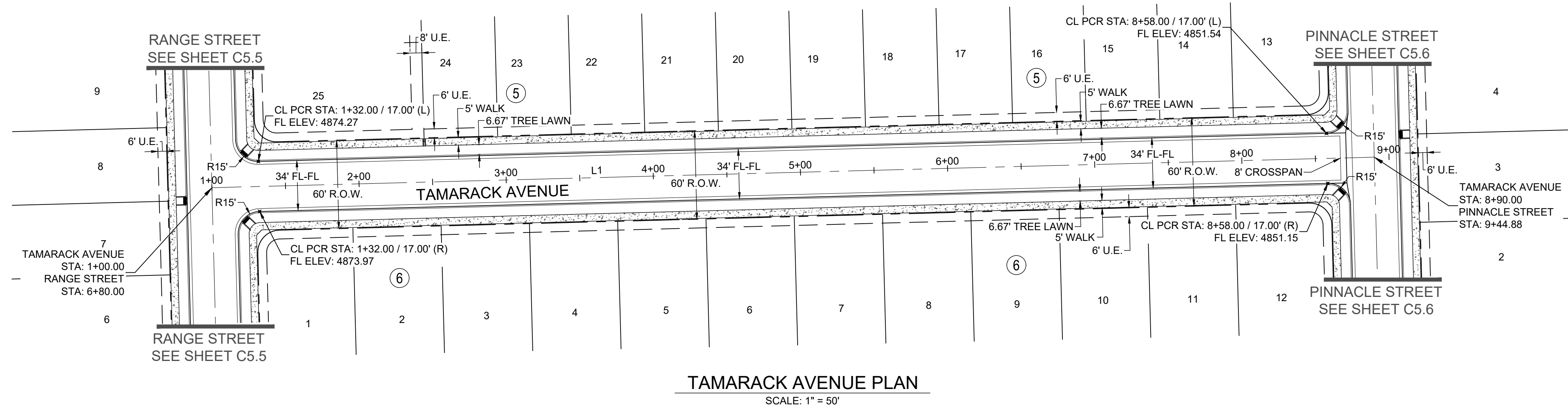
BAREFOOT LAKES FILING NO. 6
WISTERIA AVENUE
STREET PLAN & PROFILE

C5.2

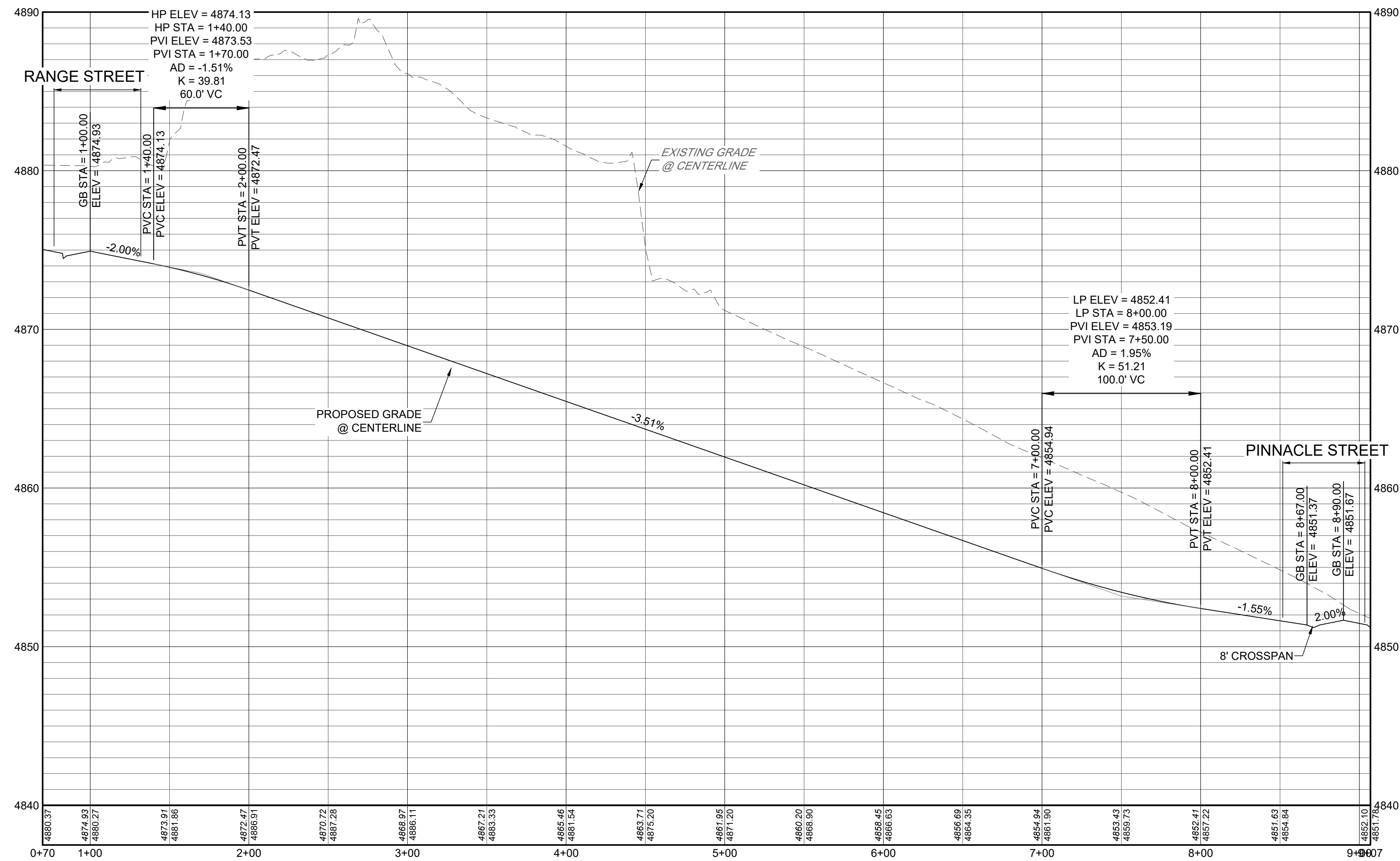


Redland
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720.283.6793 Cell
Littleton, Colorado 80120
REDLAND.COM

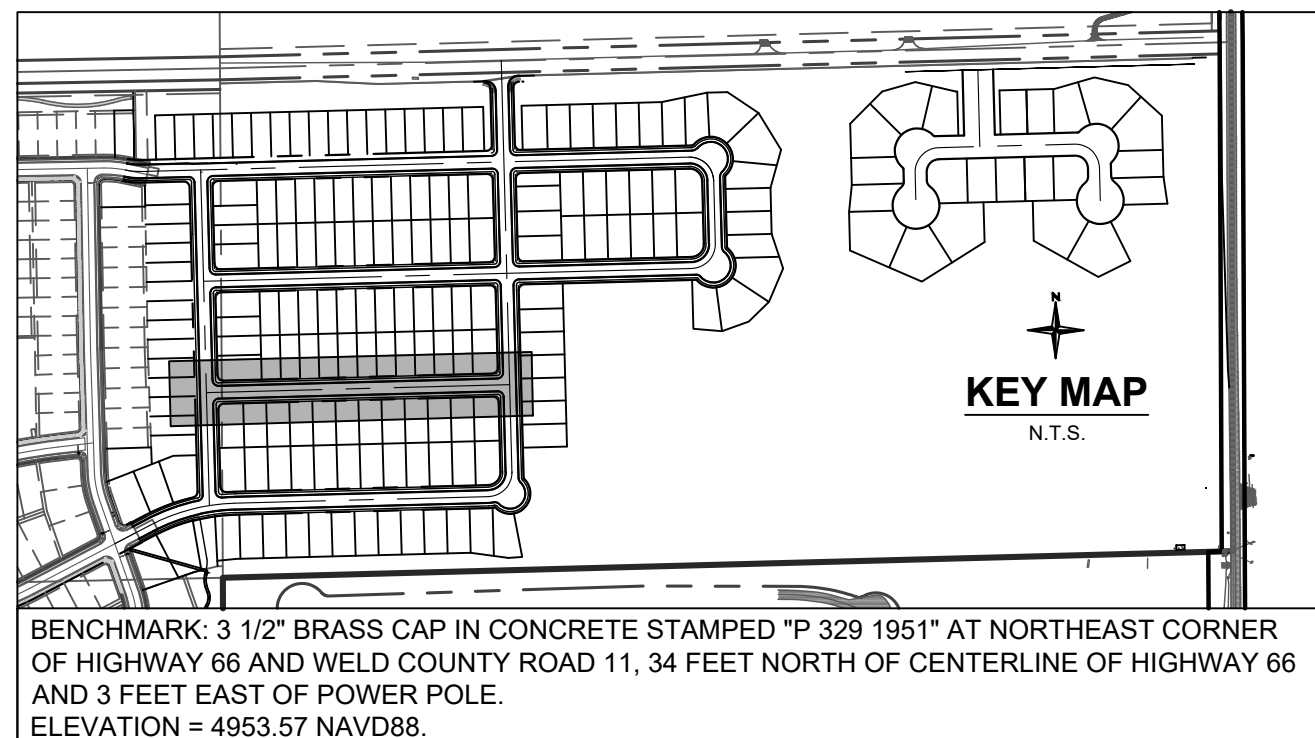
I:\2008\08001 - Barefoot Lakes\CrustSheet\08001 25 BFL Filing\6\Preliminary Construction Plans\C5.3 Tamarack Avenue.dwg Jan 14, 2022 - 2:06pm erumney



TAMARACK AVENUE PLAN
SCALE: 1" = 50'



TAMARACK AVENUE PROFILE
H: 1" = 50'
V: 1" = 5'

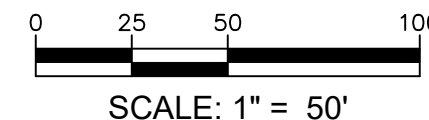
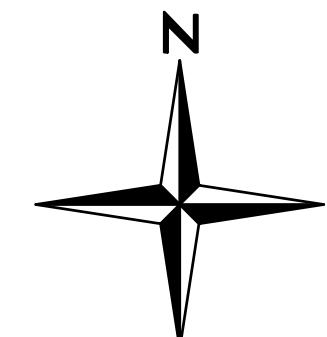


- NOTES:
1. ALL STATIONING IS ON CL UNLESS OTHERWISE NOTED ON PLANS.
 2. ALL ELEVATIONS ARE PROPOSED GRADE LINE UNLESS OTHERWISE NOTED ON PLANS.
 3. REFER TO THE TOWN OF FIRESTONE STANDARDS AND SPECS REGARDING THE CONSTRUCTION OF ALL PUBLIC ROADWAY IMPROVEMENTS.
 4. REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	790.00'	N88°29'41"E



Know what's below.
Call before you dig.



BAREFOOT LAKES FILING NO. 6
TAMARACK AVENUE
STREET PLAN & PROFILE

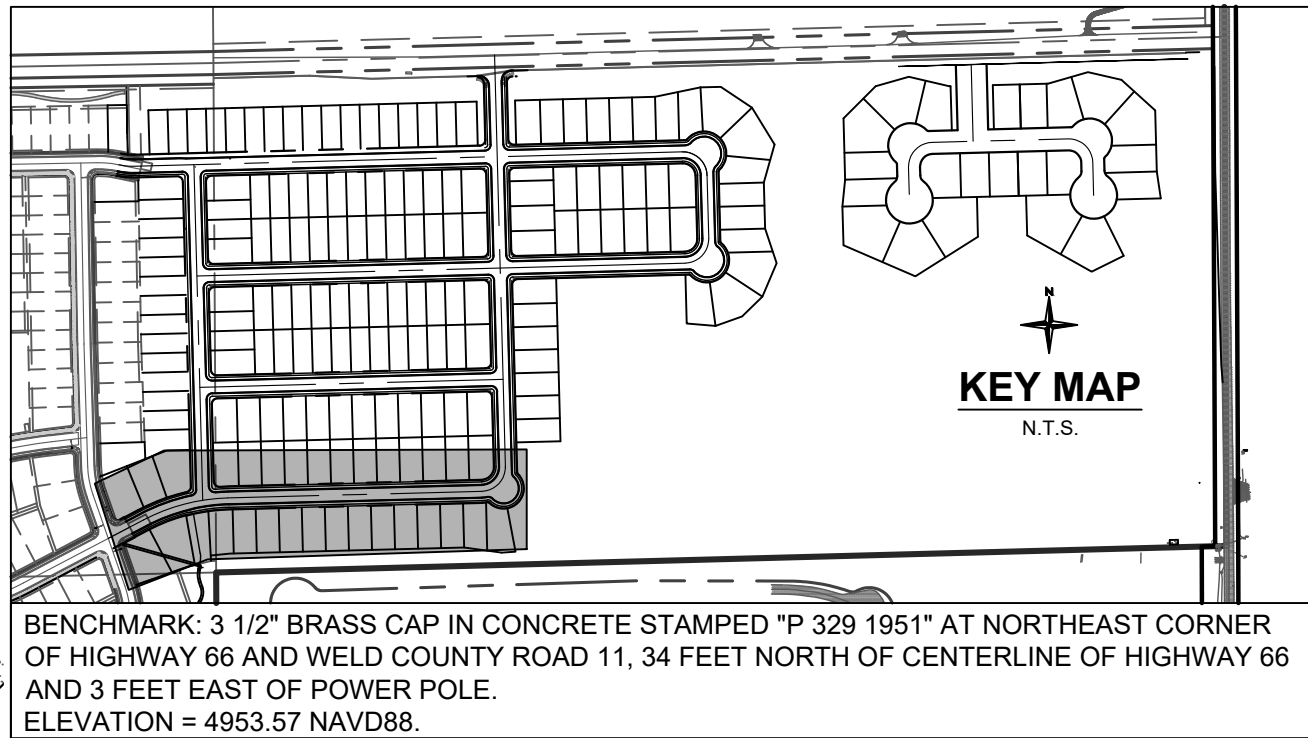
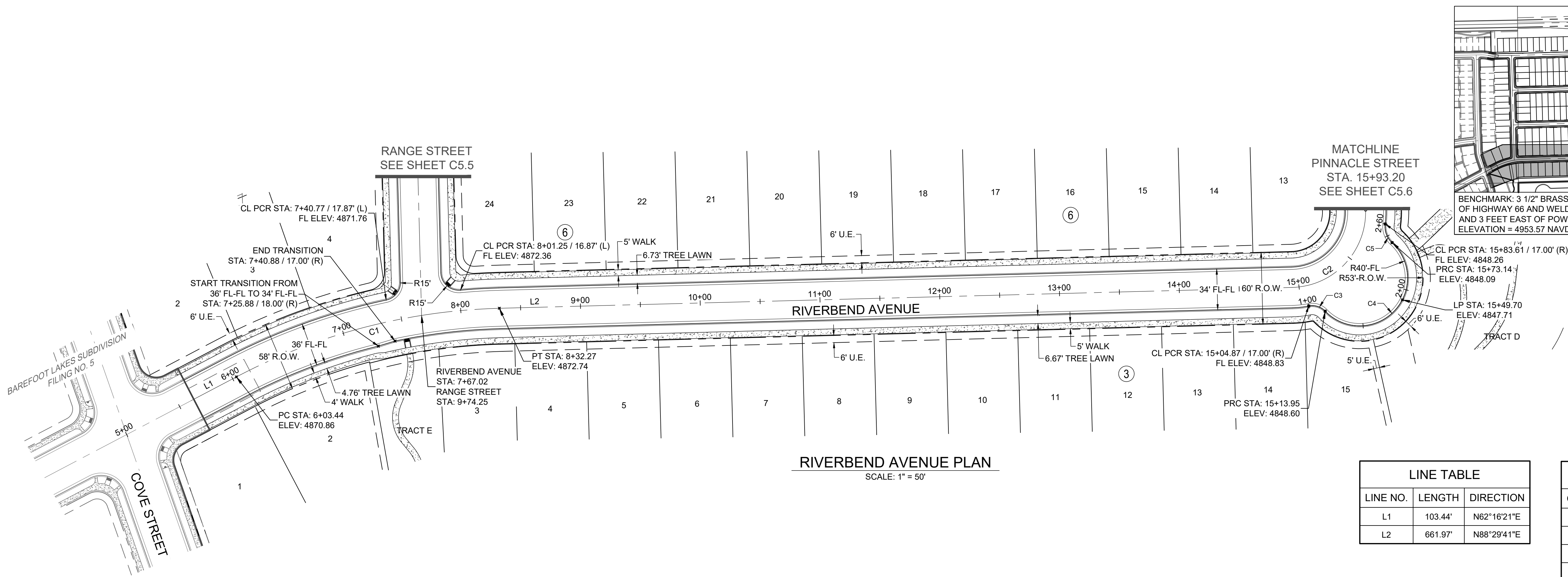
SHEET

C5.3



DATE	NO.	NOTES	DRAWN	WPC
08/03/2021	1	1ST SUBMITTAL	CHECKED	EBR
10/27/2021	2	2ND SUBMITTAL	APPROVED	EBR
01/14/2022	3	3RD SUBMITTAL	PROJECT NO.	08001.25
			HORIZ. SCALE	1" = 50'
			VERT. SCALE	1" = 5'

I:\2008\08001 - Barefoot Lakes\Crtd\Sheet Sets\08001 25 BFL Filing 6\Preliminary Construction Plans\C5.7 RIVERBEND AVENUE.dwg tab: C5.4 RIVERBEND AVENUE Jan 14, 2022 - 2:07pm eumney



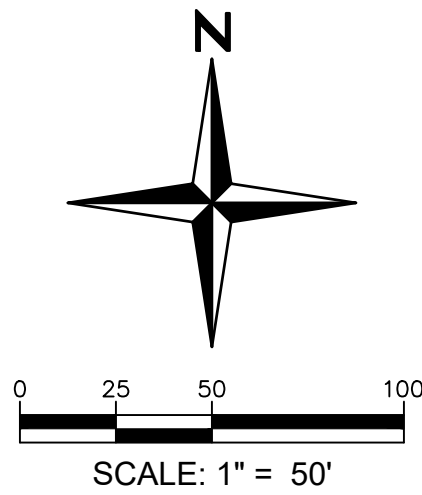
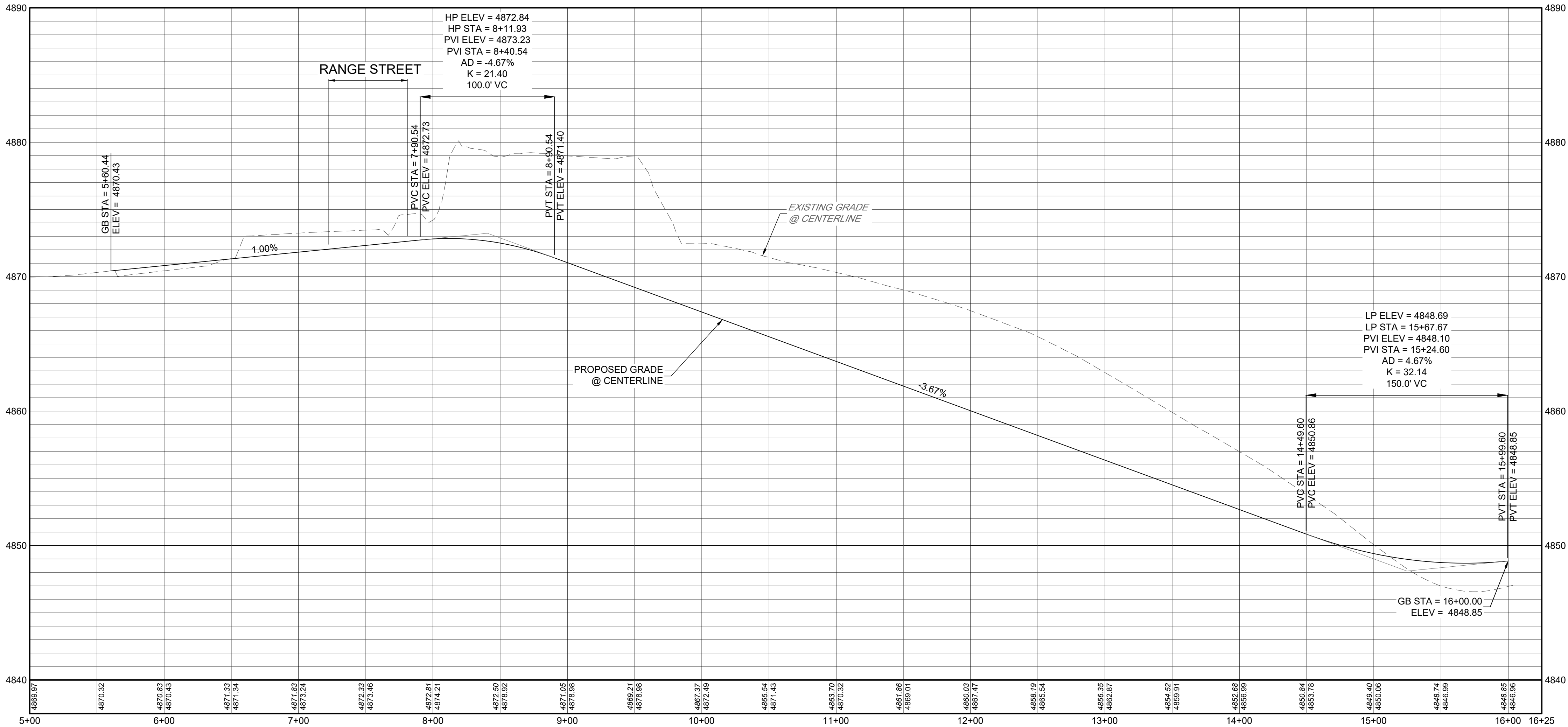
- NOTES:
- ALL STATIONING IS ON CL UNLESS OTHERWISE NOTED ON PLANS.
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 - REFER TO THE TOWN OF FIRESTONE STANDARDS AND SPECS REGARDING THE CONSTRUCTION OF ALL PUBLIC ROADWAY IMPROVEMENTS.
 - REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	103.44'	N62°16'21"E
L2	661.97'	N88°29'41"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	228.83'	500.00'	26°13'20"
C2	98.96'	63.00'	90°00'00"
C3	14.99'	15.00'	57°16'15"
C4	128.17'	40.00'	183°35'35"
C5	17.19'	18.00'	54°42'24"

RIVERBEND AVENUE PROFILE

H: 1" = 50'
V: 1" = 5'



Know what's below.
Call before you dig.

BAREFOOT LAKES FILING NO. 6

RIVERBEND AVENUE
STREET PLAN & PROFILE

SHEET

C5.4

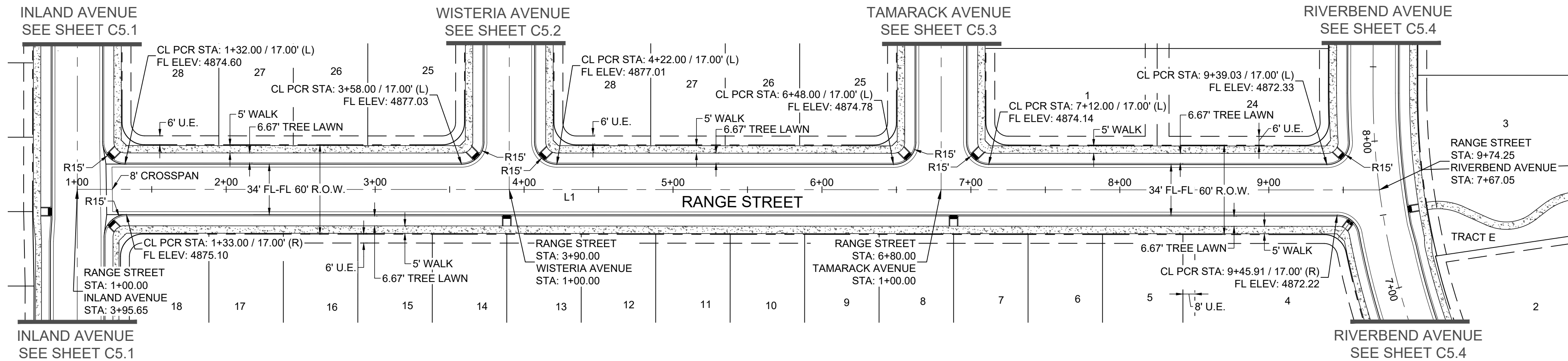
Redland

WHERE GREAT PLACES BEGIN



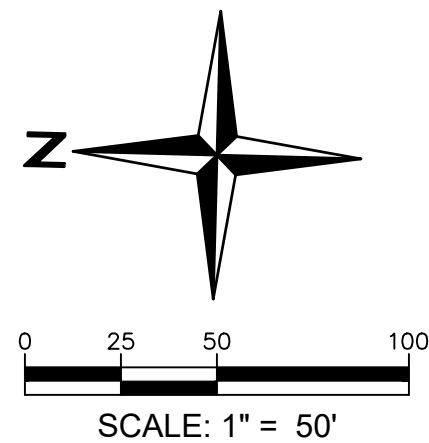
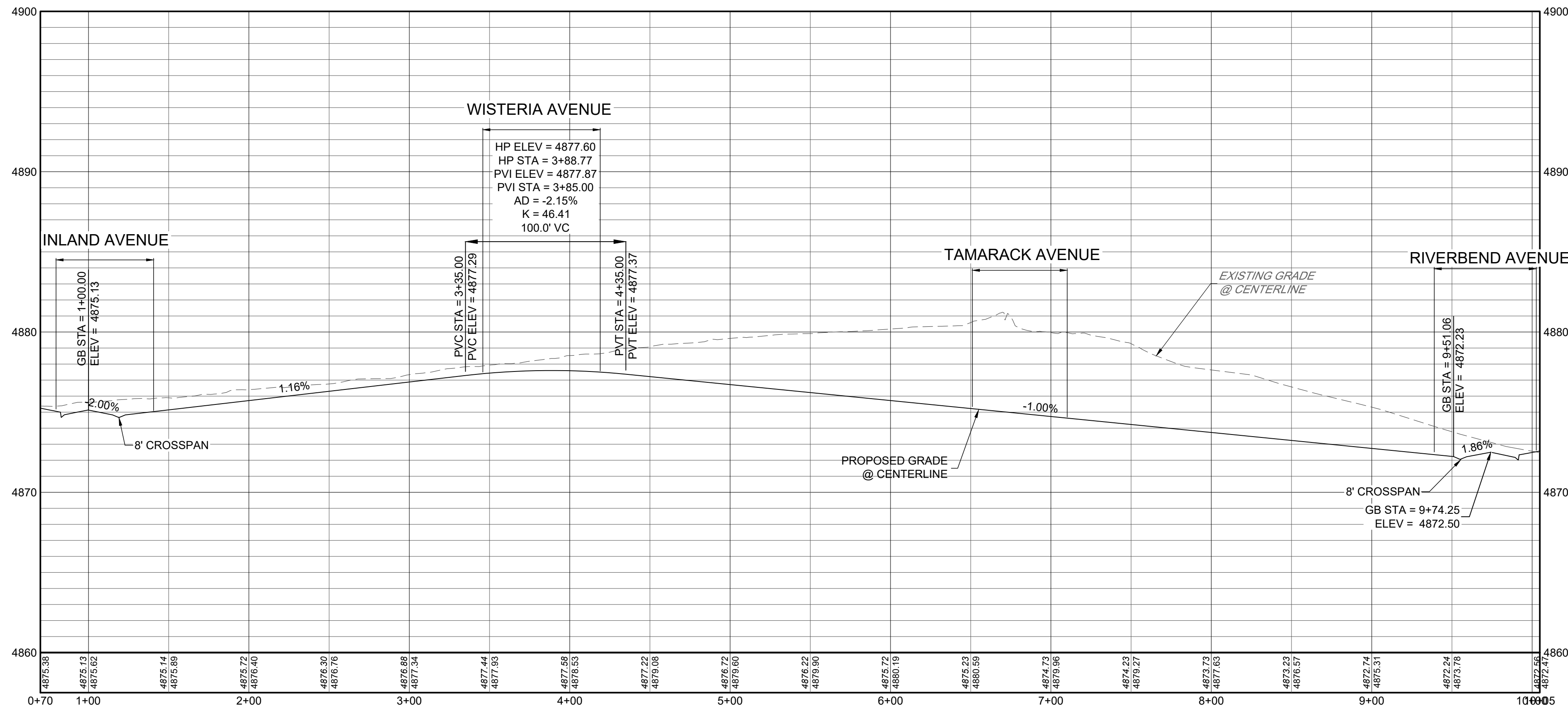
720.283.6793 Office
720.283.6793 Cell
Littleton, Colorado 80120
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I:\2008\08001 - Barefoot Lakes\Cadd\Sheet Sets\08001 25 BFL Filing\6\Preliminary Construction Plans\C5.5 RANGE STREET.dwg Job: C5.5 RANGE STREET Jan 14, 2022 - 2:08pm sunway

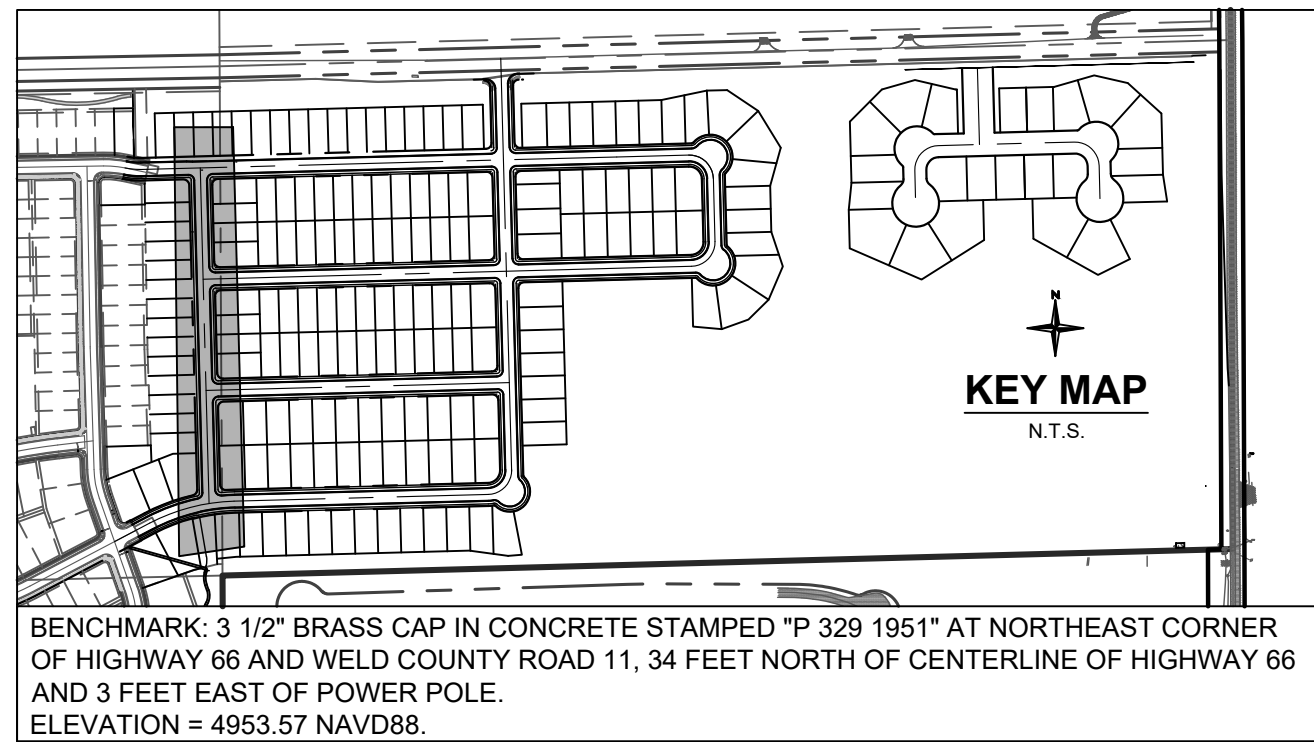


RANGE STREET PLAN
SCALE: 1" = 50'

RANGE STREET PROFILE
H: 1" = 50'
V: 1" = 5'



Know what's below.
Call before you dig.



- NOTES:
1. ALL STATIONING IS ON CL UNLESS OTHERWISE NOTED ON PLANS.
 2. ALL ELEVATIONS ARE PROPOSED GRADE LINE UNLESS OTHERWISE NOTED ON PLANS.
 3. REFER TO THE TOWN OF FIRESTONE STANDARDS AND SPECS REGARDING THE CONSTRUCTION OF ALL PUBLIC ROADWAY IMPROVEMENTS.
 4. REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	874.52'	N1°30'19"W

BAREFOOT LAKES FILING NO. 6

RANGE STREET
STREET PLAN & PROFILE

SHEET

C5.5

Redland
WHERE GREAT PLACES BEGIN



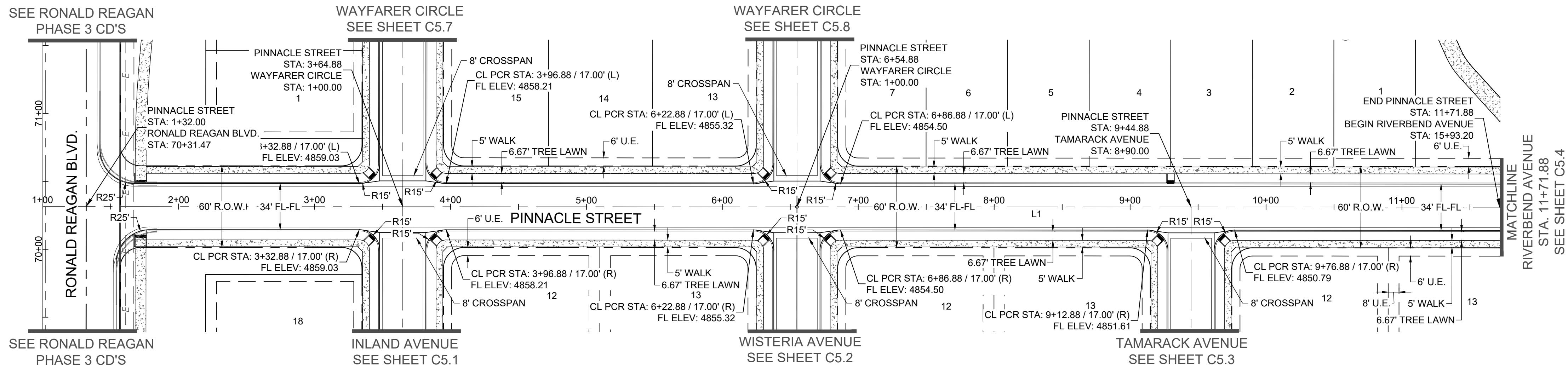
720.283.6793 Office
720.283.6793 Cell
Littleton, Colorado 80120
REDLAND.COM

DRAWN	WPC	CHECKED	EBR	APPROVED	EBR	PROJECT NO.	08001.25	HORIZ. SCALE	1" = 50'	VERT. SCALE	1" = 5'

NOTES

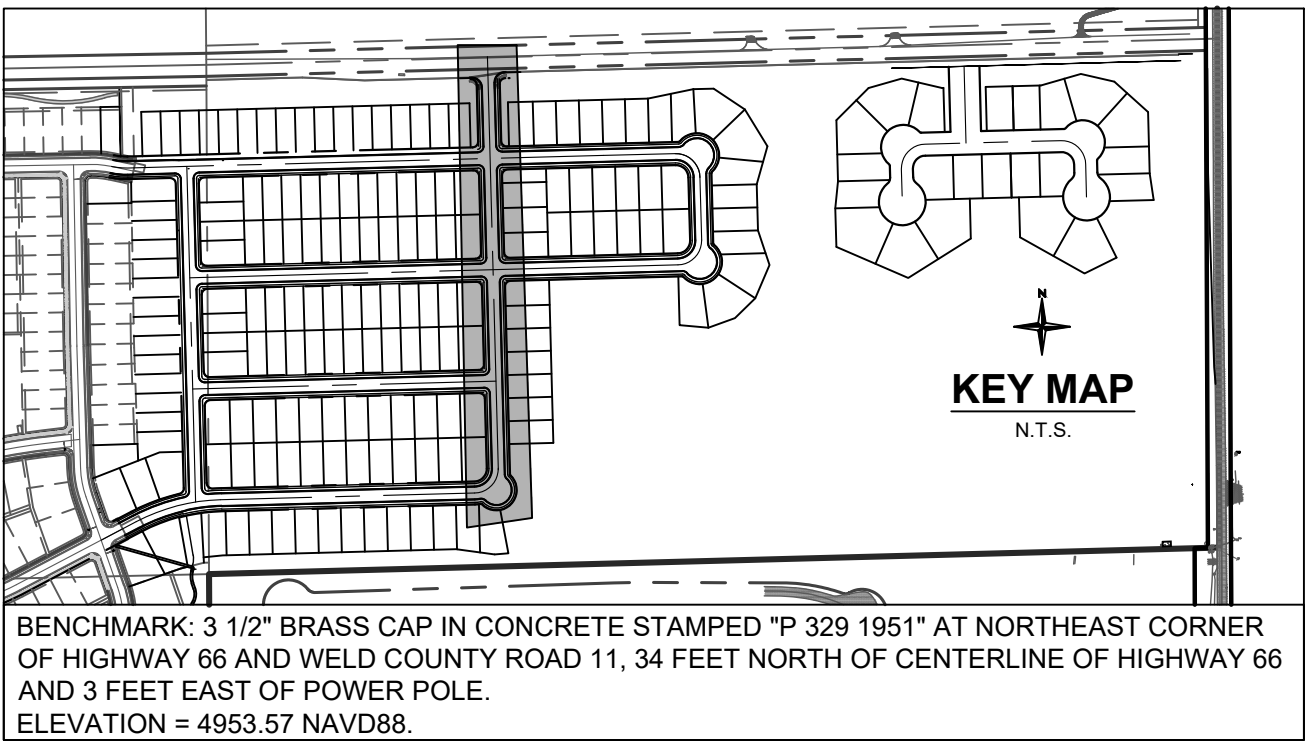
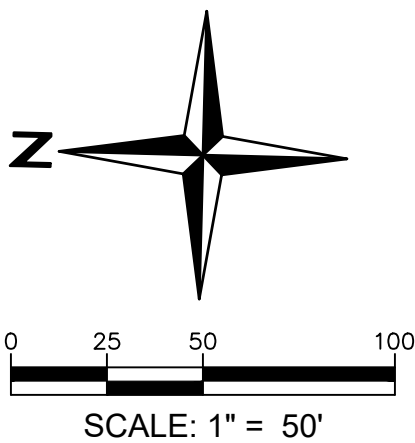
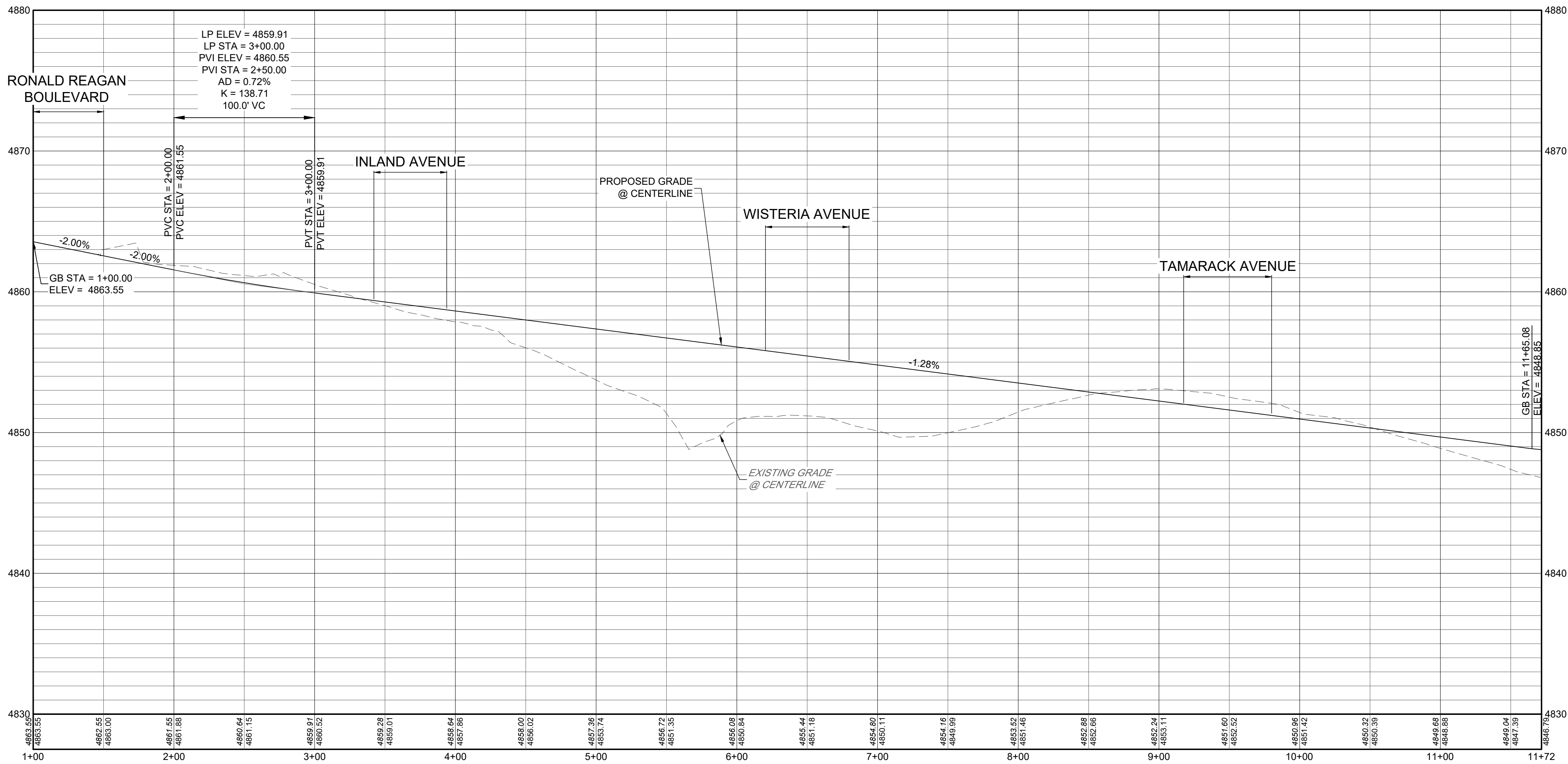
DATE	NO.	1ST SUBMITTAL	2ND SUBMITTAL	3RD SUBMITTAL
08/03/2021	1			
10/27/2021	2			
01/14/2022	3			

I:\2008\08001 - Barefoot Lakes\CrustSheet\08001 25 BFL Filing 6\Preliminary Construction Plans\C5.10 RANGE STREET.dwg tab: C5.6 PINNACLE STREET Jan 14, 2022 - 2:09pm eummy



PINNACLE STREET PLAN
SCALE: 1" = 50'

PINNACLE STREET PROFILE
H: 1" = 50'
V: 1" = 5'



- NOTES:
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 2. ALL ELEVATIONS ARE PROPOSED GRADE LINE UNLESS OTHERWISE NOTED ON PLANS.
 3. REFER TO THE TOWN OF FIRESTONE STANDARDS AND SPECS REGARDING THE CONSTRUCTION OF ALL PUBLIC ROADWAY IMPROVEMENTS.
 4. REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	1071.88'	N1°30'19"W

BAREFOOT LAKES FILING NO. 6

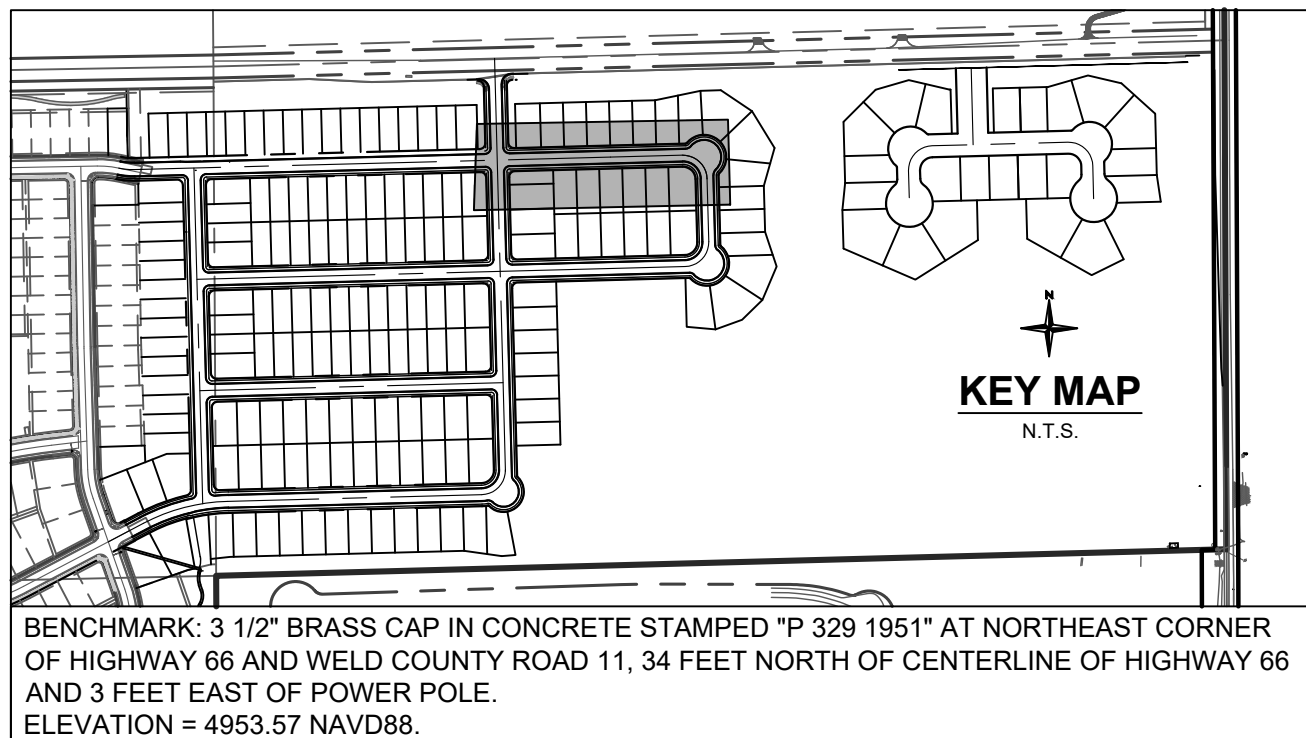
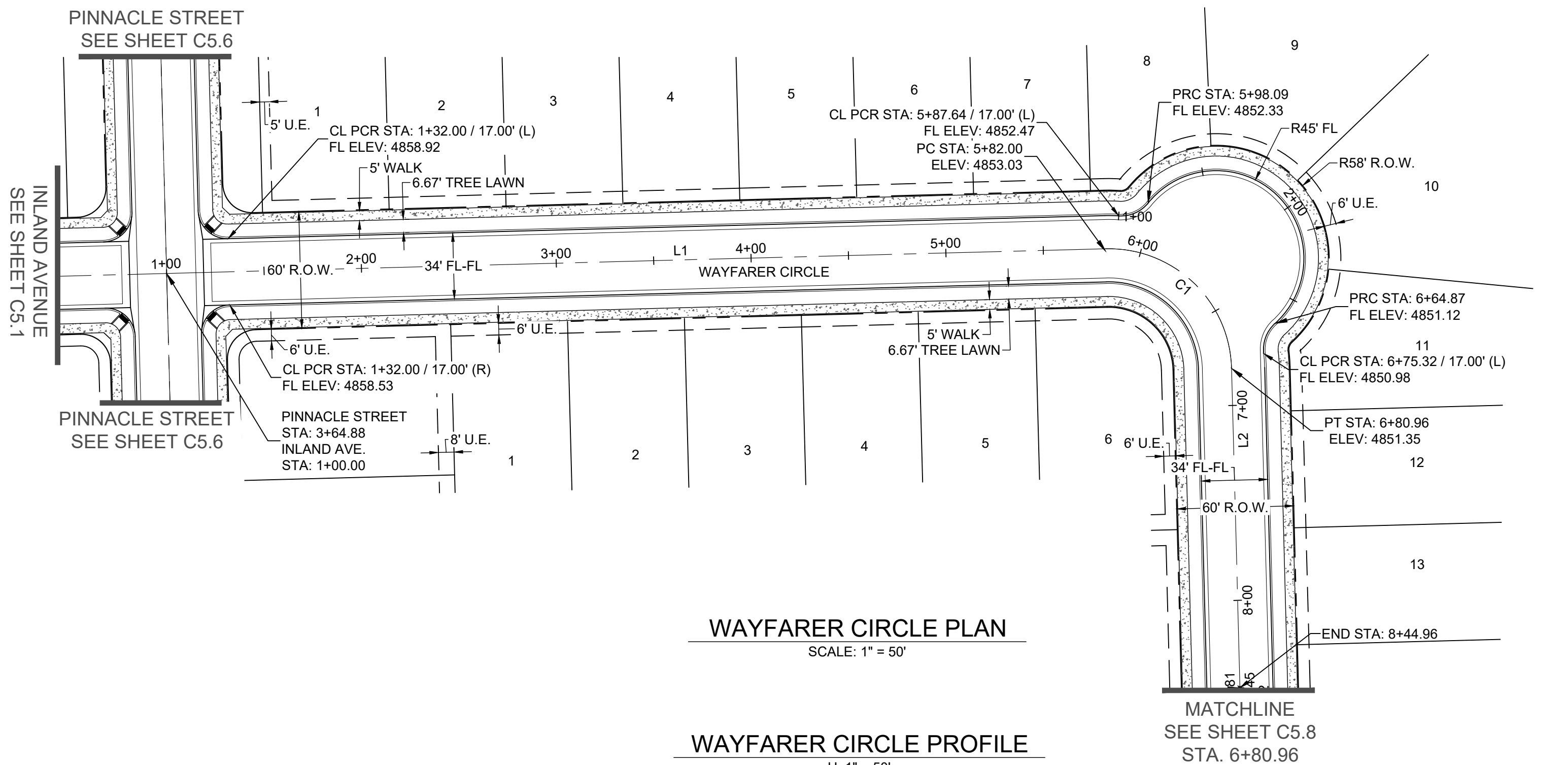
PINNACLE STREET
STREET PLAN & PROFILE

SHEET

C5.6



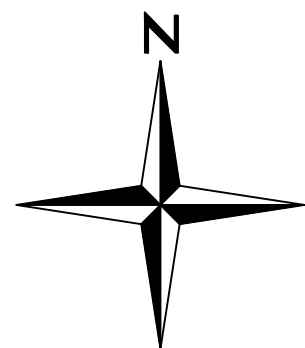
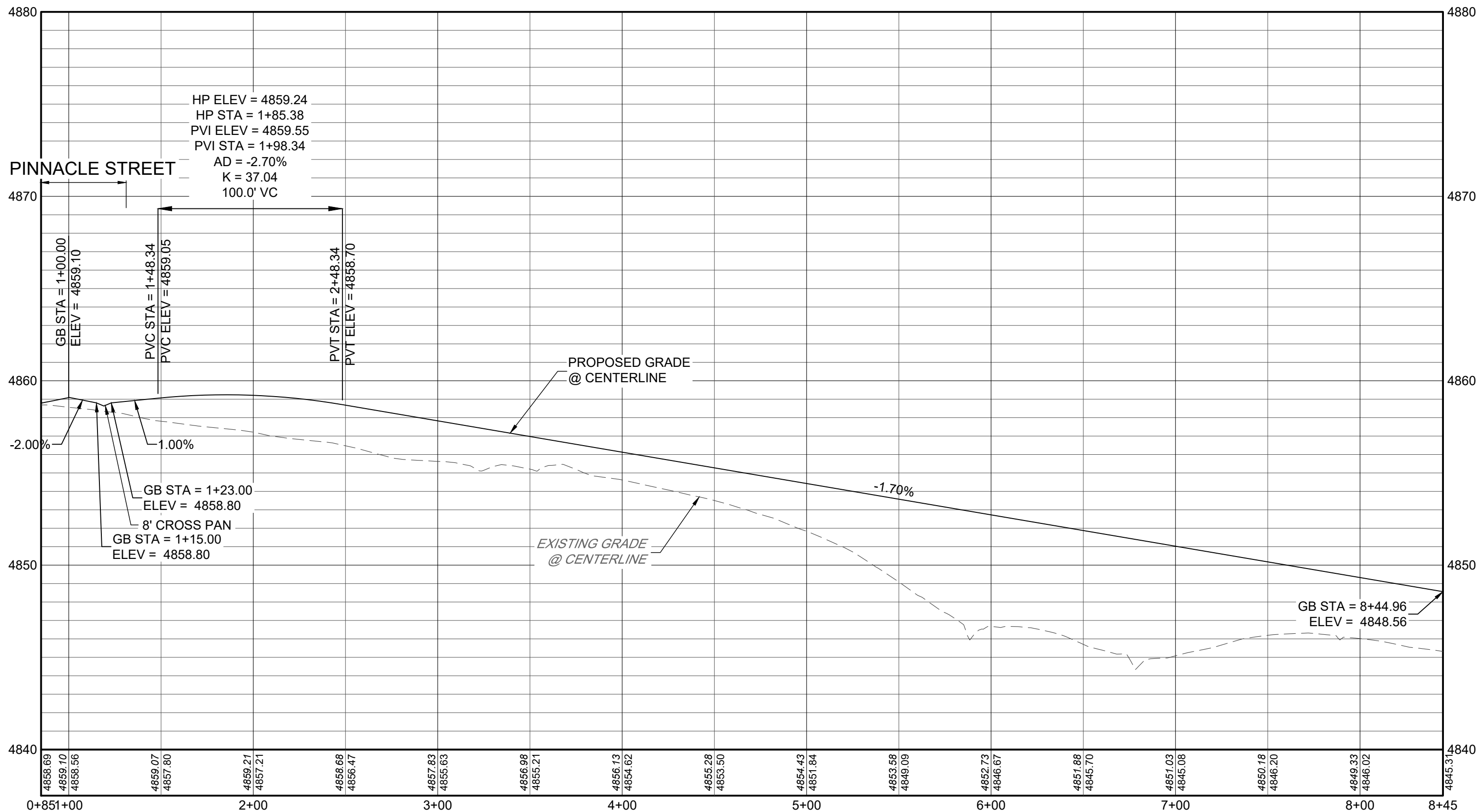
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- NOTES:**
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 4. REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	482.00'	N88°29'41"E
L2	164.00'	S1°30'19"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	98.96'	63.00'	90°00'00"



0 25 50 100
SCALE: 1" = 50'

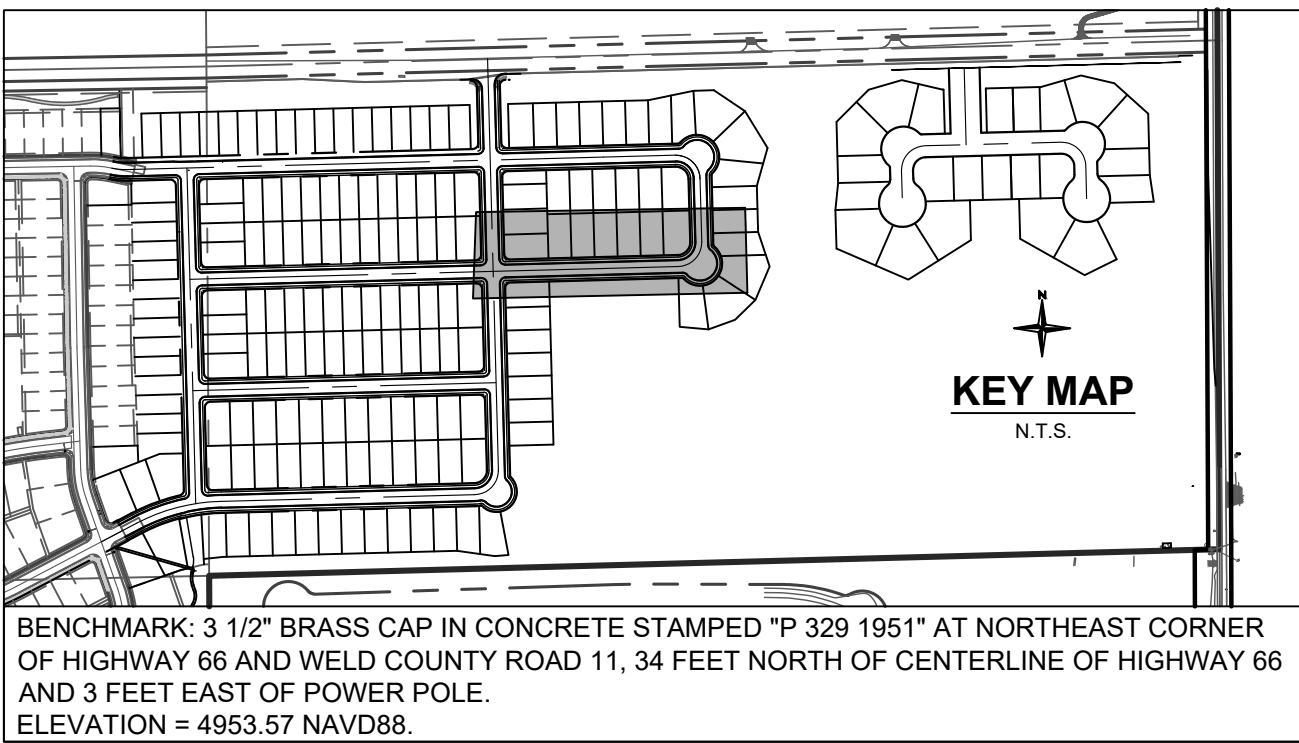
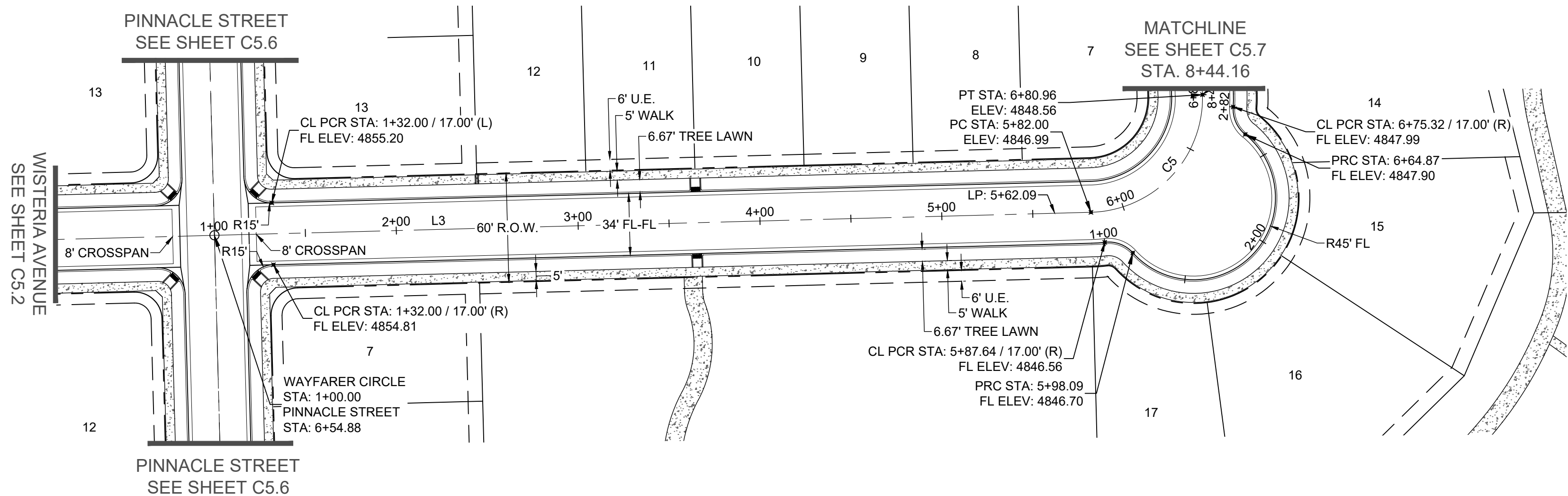
BAREFOOT LAKES FILING NO. 6
WAYFARER CIRCLE
PLAN AND PROFILE

SHEET

C5.7

Redland
WHERE GREAT PLACES BEGIN
7700 283 4793 Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM

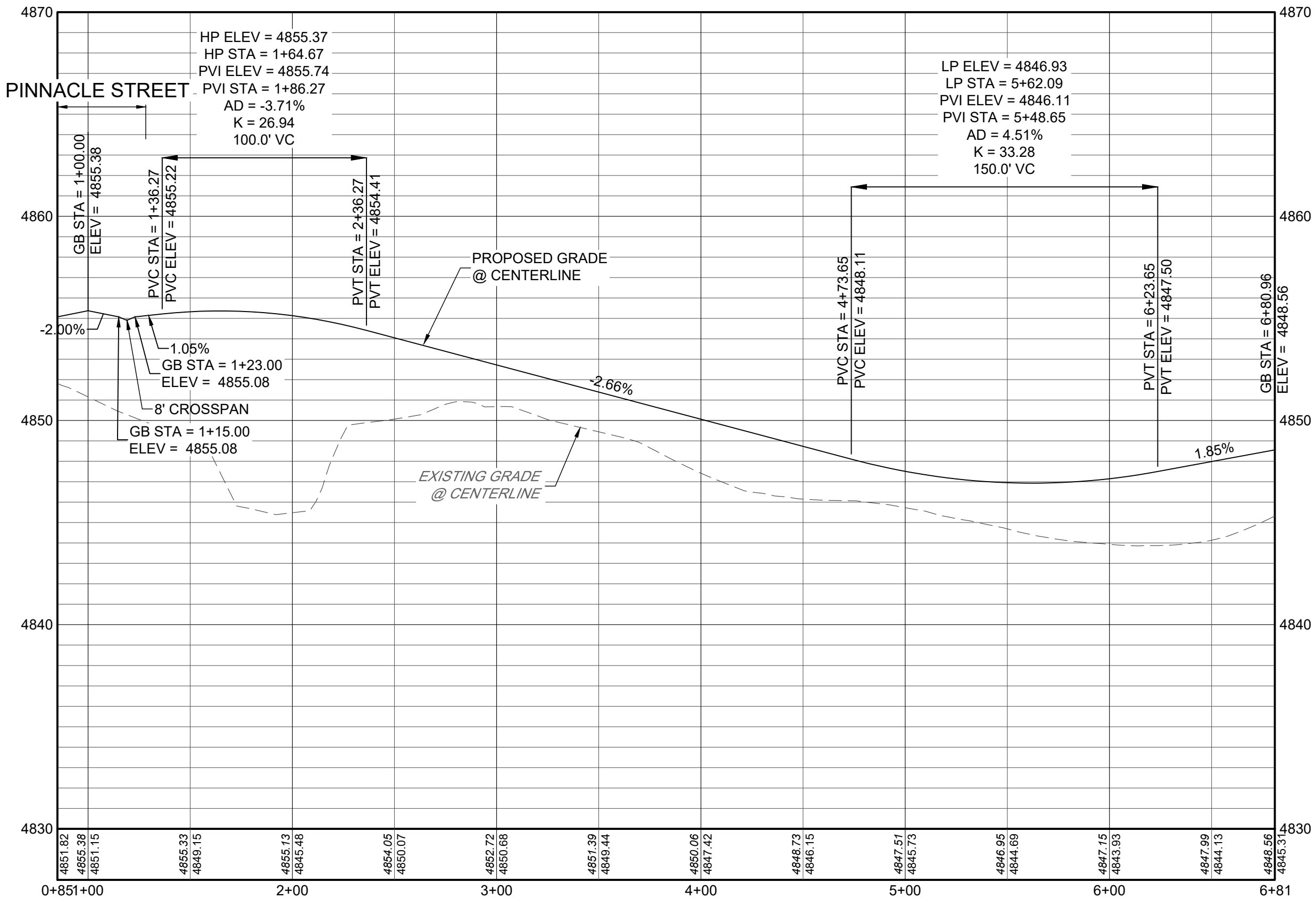
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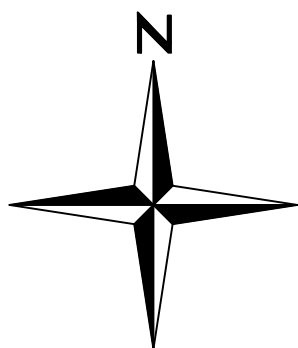
- NOTES:
- ALL STATIONING IS ON CL UNLESS OTHERWISE NOTED ON PLANS.
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 - REFER TO THE TOWN OF FIRESTONE STANDARDS AND SPECS REGARDING THE CONSTRUCTION OF ALL PUBLIC ROADWAY IMPROVEMENTS.
 - REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L3	482.00'	N88°29'41"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C5	98.96'	63.00'	90°00'00"



Know what's below.
Call before you dig.



SCALE: 1" = 50'

BAREFOOT LAKES FILING NO. 6
WAYFARER CIRCLE
PLAN AND PROFILE

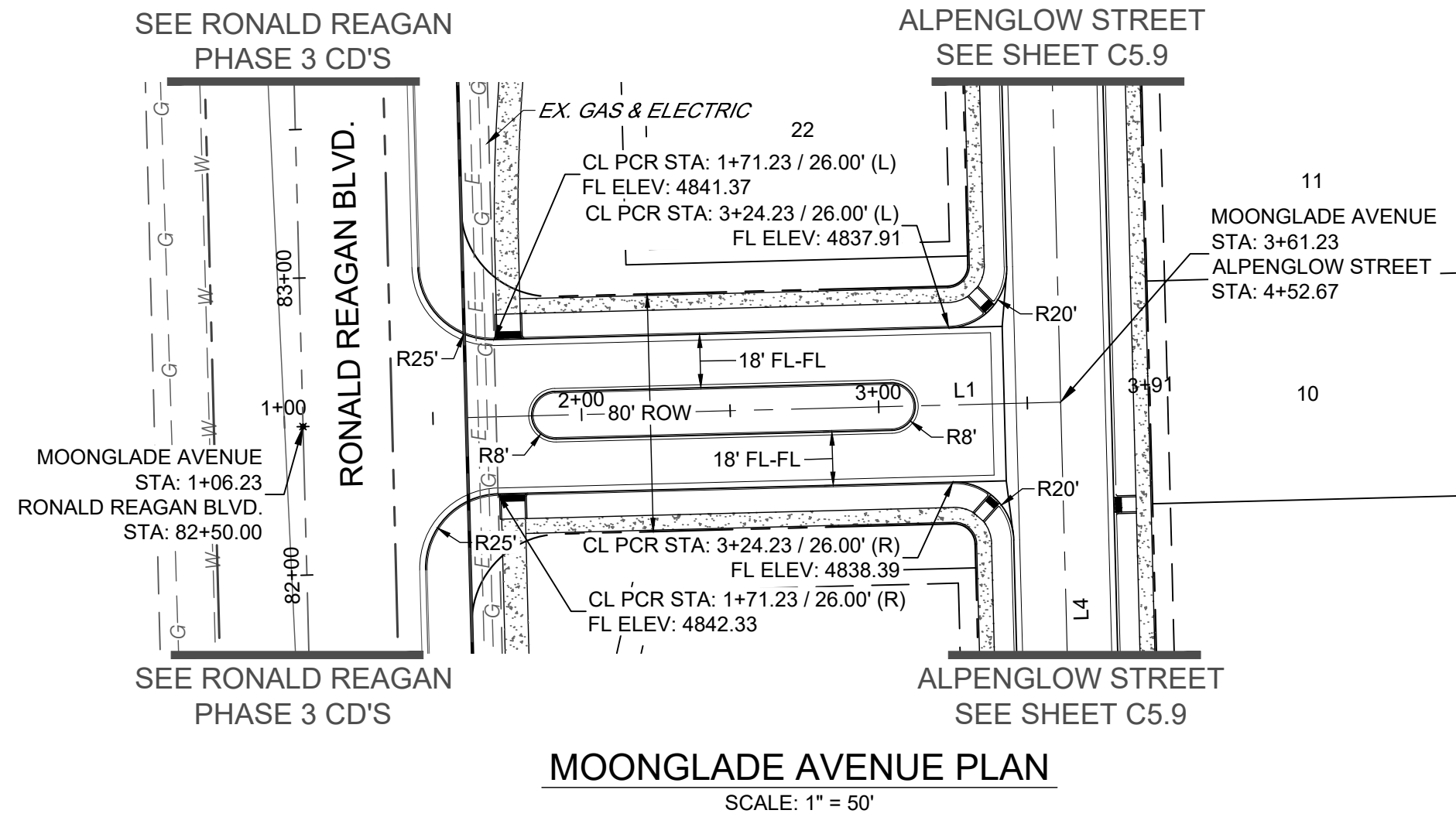
SHEET

C5.8



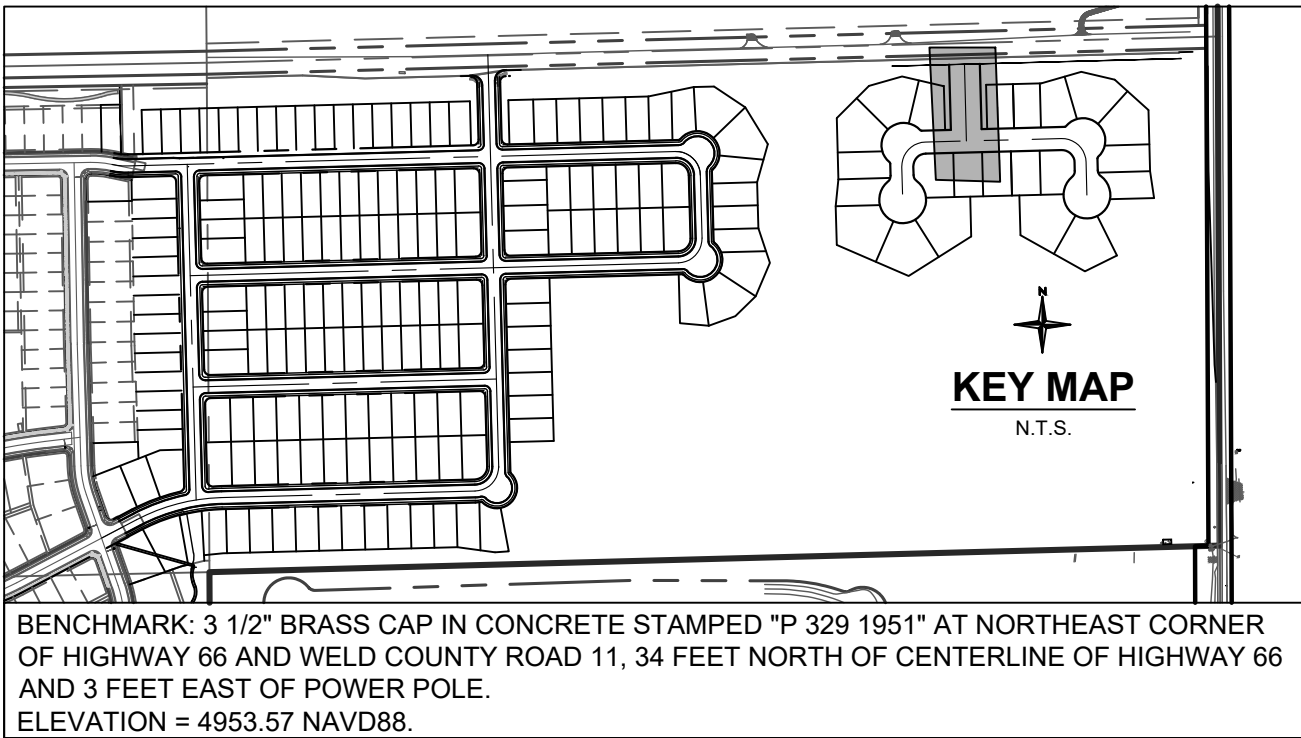
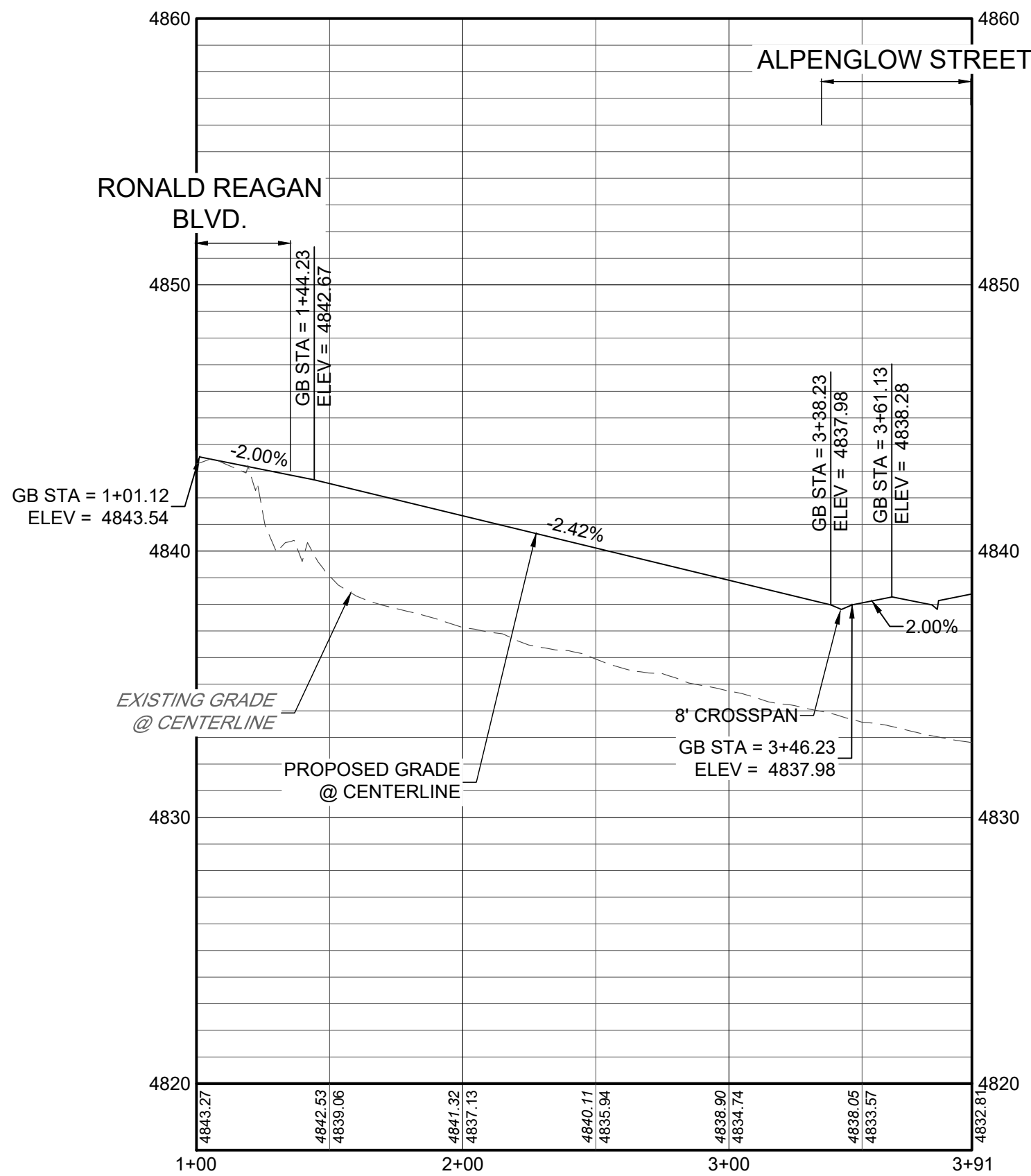
Redland
WHERE GREAT PLACES BEGIN
7700 283 4793 Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM

1:2020/08/01 - Barefoot Lakes/CaddSheet Sess08001 25 BPL Filing 6/Preliminary Construction Plans/C5.13 PLAN AND PROFILE.dwg tab: C5.9 STREET E Jun 14, 2022 - 2:12pm erumney



MOONGLADE AVENUE PROFILE

H: 1" = 50'
V: 1" = 5'



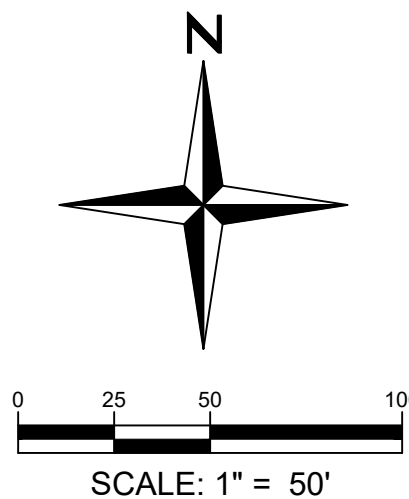
NOTES:

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4. REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	200.00'	S1°29'09"E



Know what's below.
Call before you dig.



BAREFOOT LAKES FILING NO. 6

MOONGLADE AVENUE
PLAN AND PROFILE

SHEET

C5.9

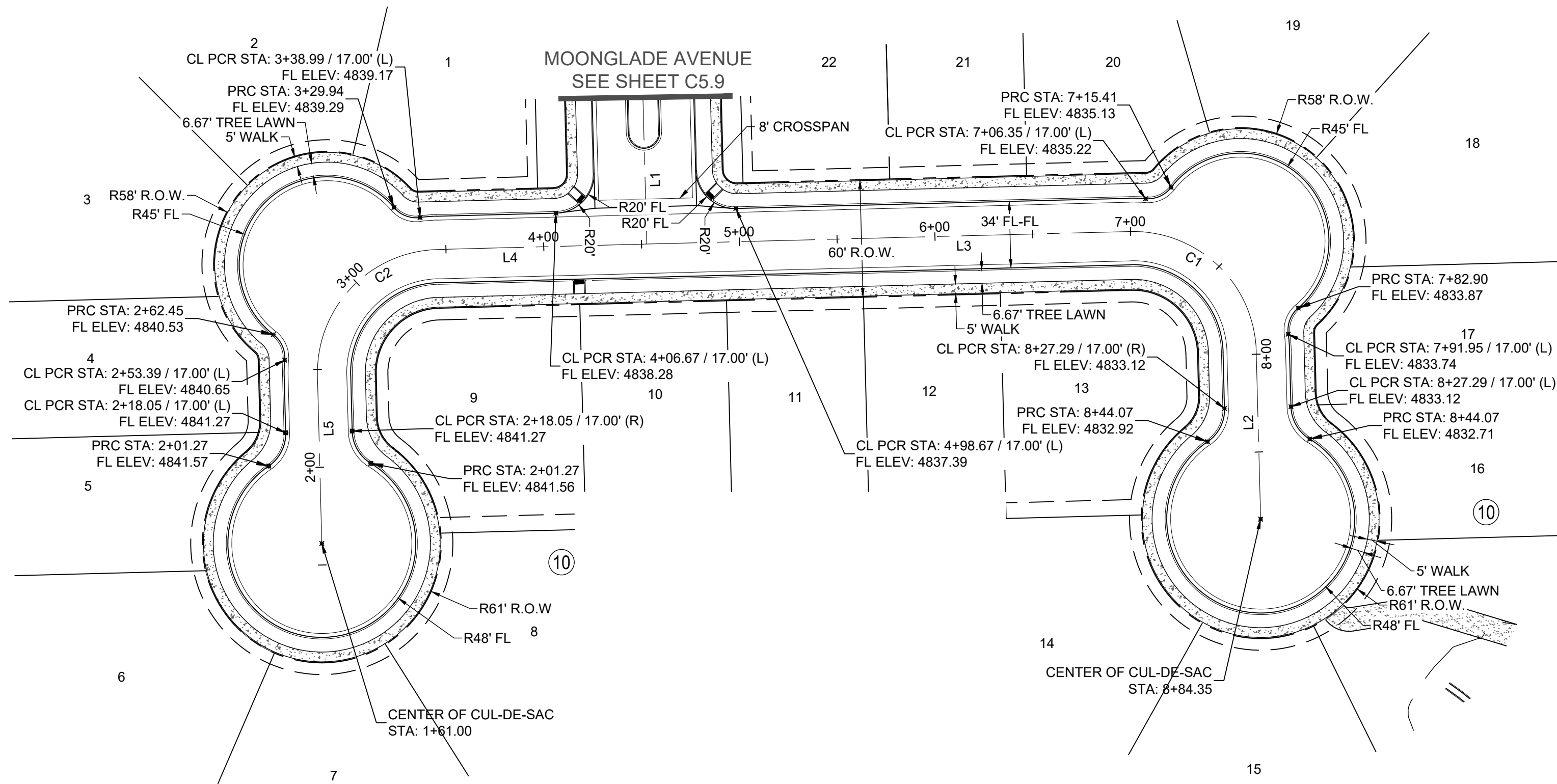


DRAWN	JML
CHECKED	EBR
APPROVED	EBR
PROJECT NO.	08001.25
HORIZ. SCALE	1" = 50'
VERT. SCALE	1" = 5'

NOTES

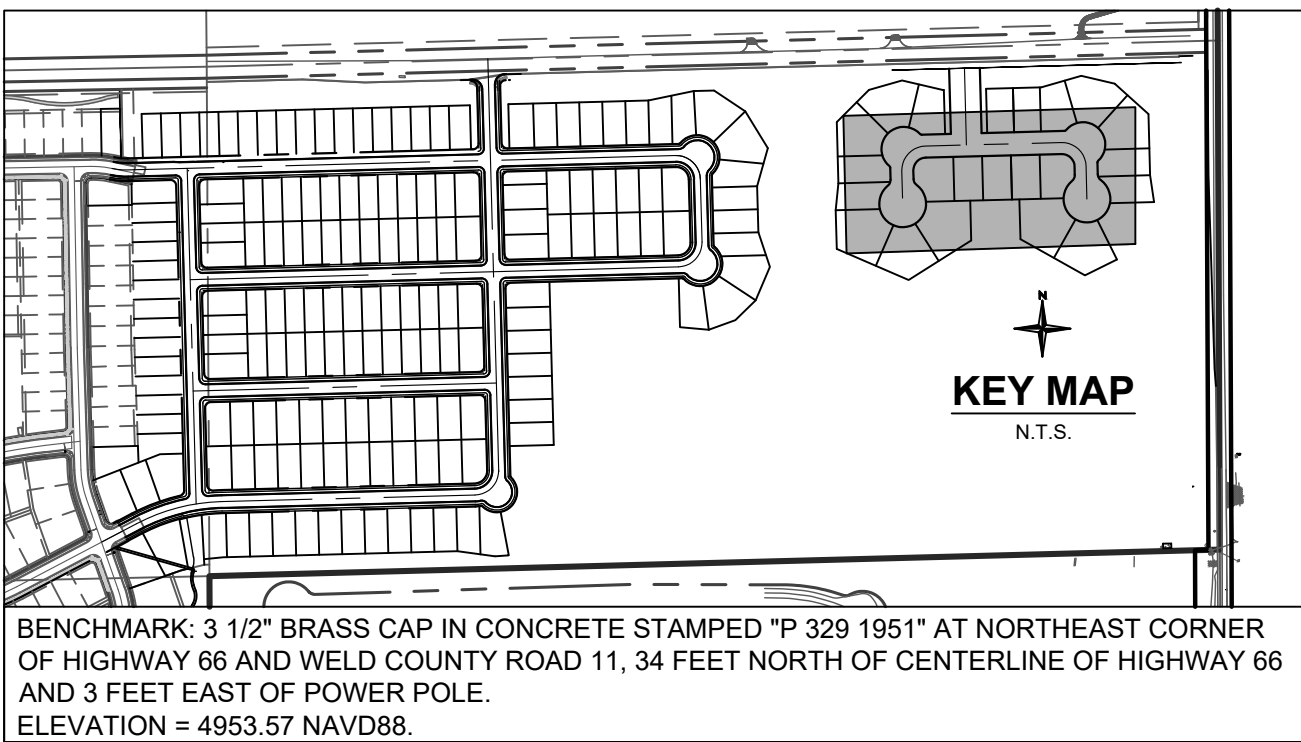
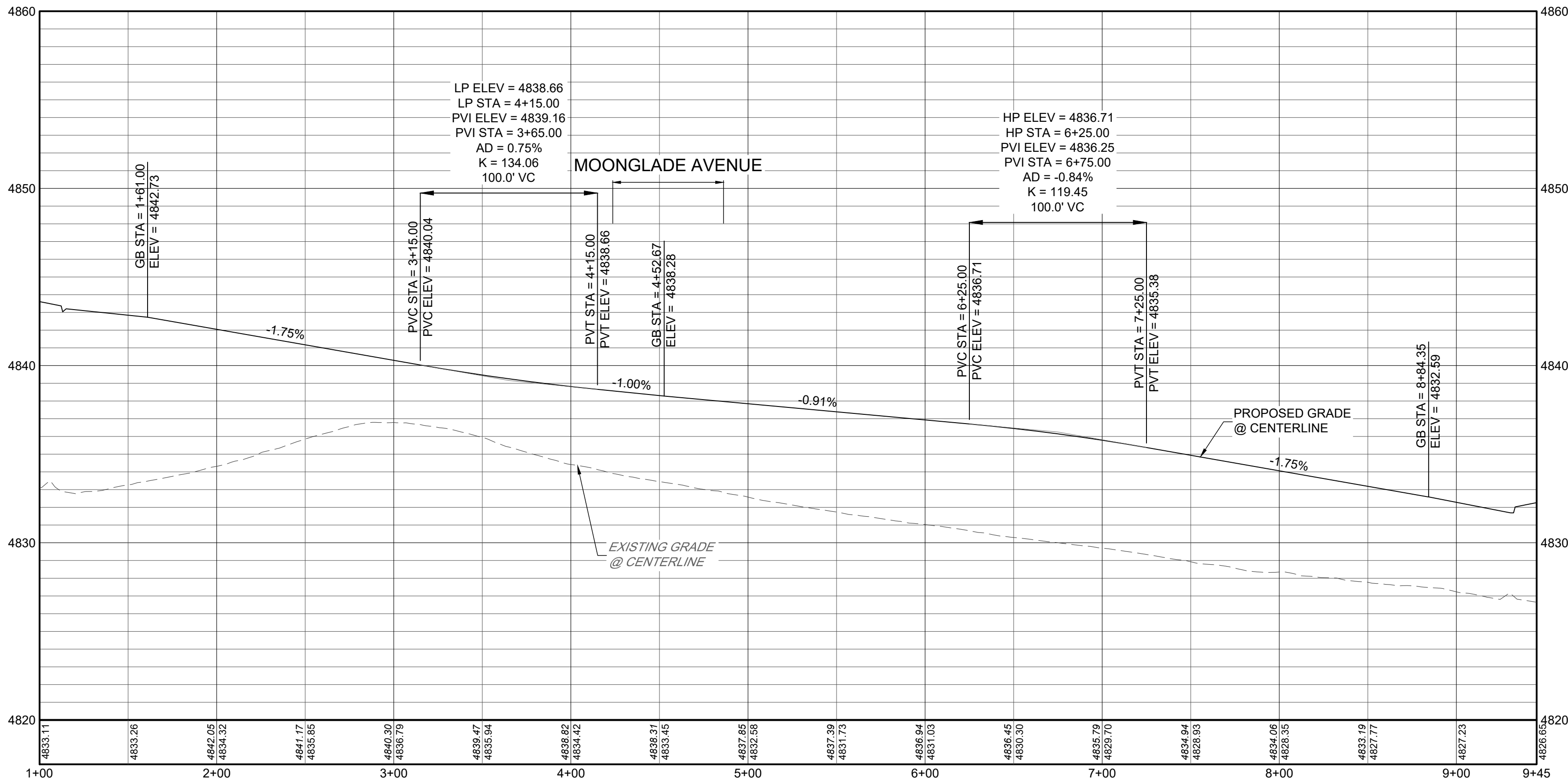
DATE	NO.	1ST SUBMITTAL	2ND SUBMITTAL	3RD SUBMITTAL
08/03/2021	1			
10/27/2021	2			
01/14/2022	3			

I:\2020\08001 - Barefoot Lakes\Cadd\Sheet Specs\08001_25 BFL Filing\0Preliminary Construction Plans\C5.13 PLAN AND PROFILE.dwg tab: ALPENGLOW STREET Jun 14, 2022 - 2:12pm erumney



ALPENGLOW STREET PLAN
SCALE: 1" = 50'

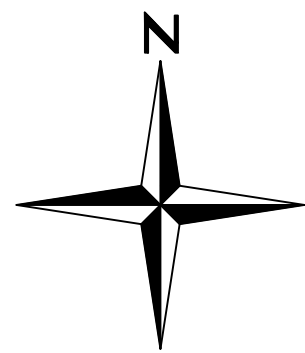
ALPENGLOW STREET PROFILE
H: 1" = 50'
V: 1" = 5'



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 - REFER TO BFL FILING NO. 6 PLAT FOR RIGHT-OF-WAY AND CENTERLINE DIMENSION, AND HORIZONTAL CONTROL.

LINE TABLE			
LINE NO.	LENGTH	DIRECTION	
L2	85.71'	N1°29'09"W	
L3	247.00'	S88°30'51"W	
L4	107.00'	S88°30'51"W	
L5	70.71'	S1°29'09"E	

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	98.96'	63.00'	90°00'00"
C2	98.96'	63.00'	90°00'00"



0 25 50 100
SCALE: 1" = 50'

BAREFOOT LAKES FILING NO. 6

ALPENGLOW STREET
PLAN AND PROFILE

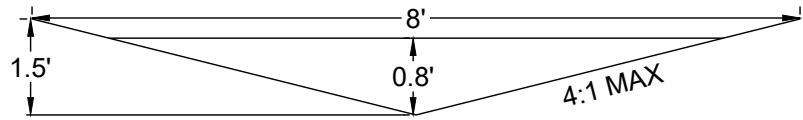
SHEET

C5.10

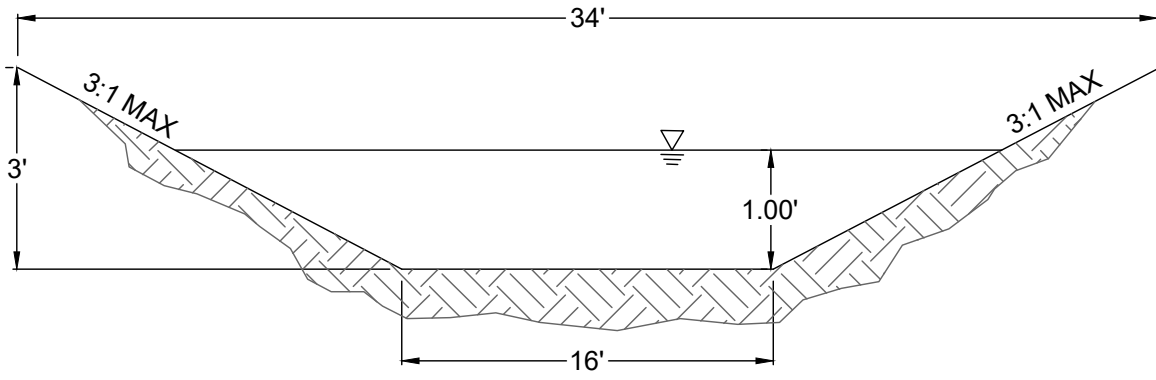
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EURV VOLUME: 2.21 AC-FT
WQ VOLUME: 0.78 AC-FT

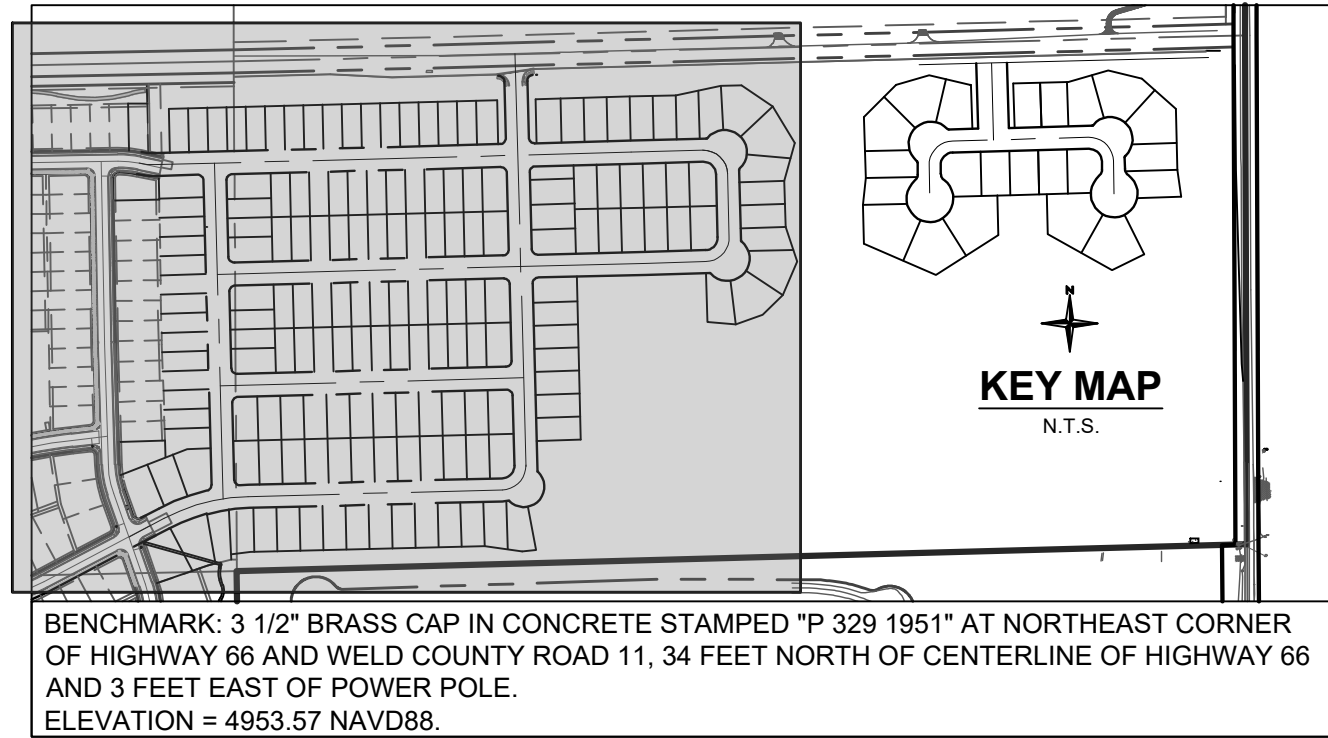
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EURV WSEL: 4824.31
WQ WSEL: 4823.01



BASIN D14 DRAINAGE SWALE



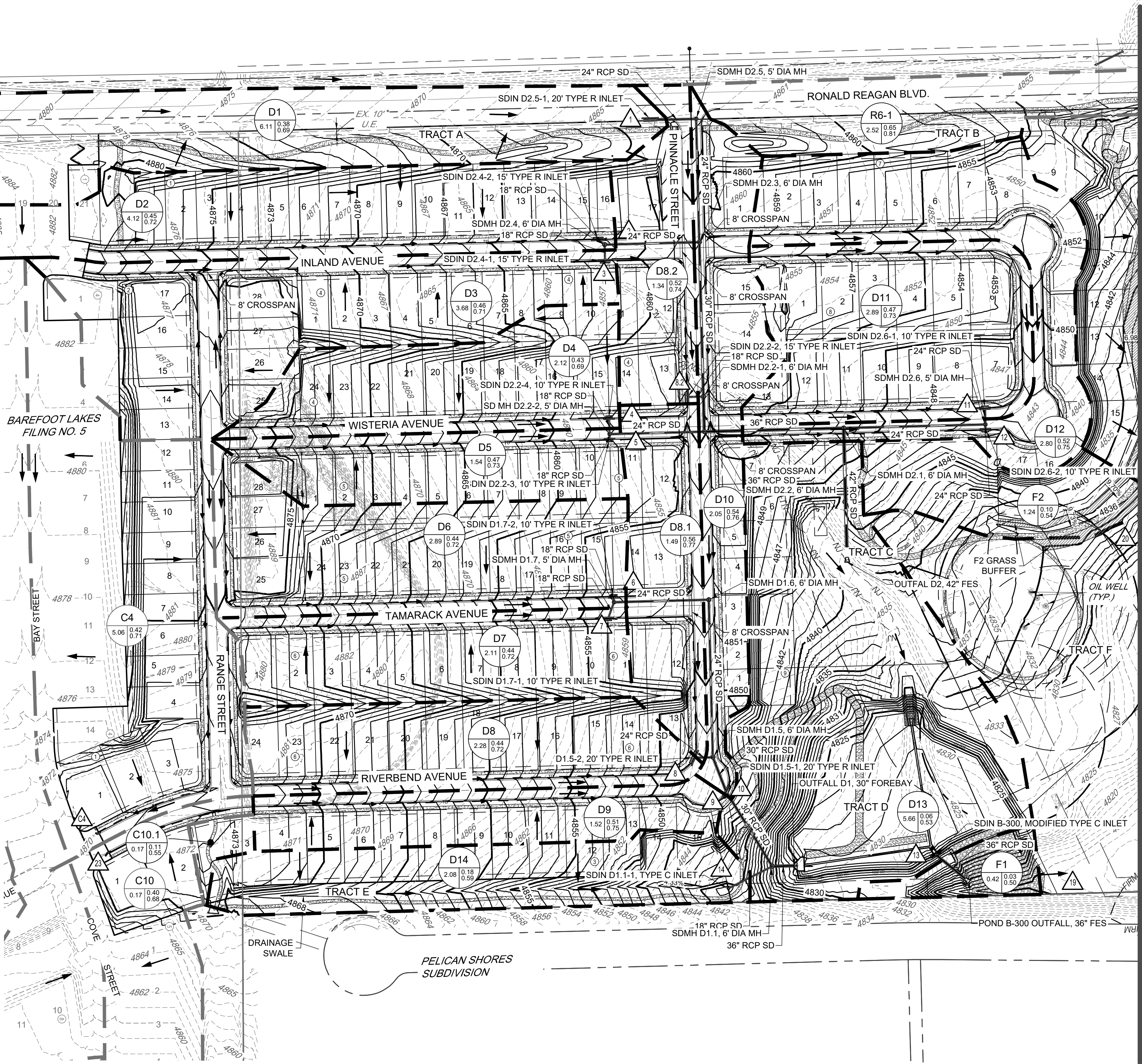
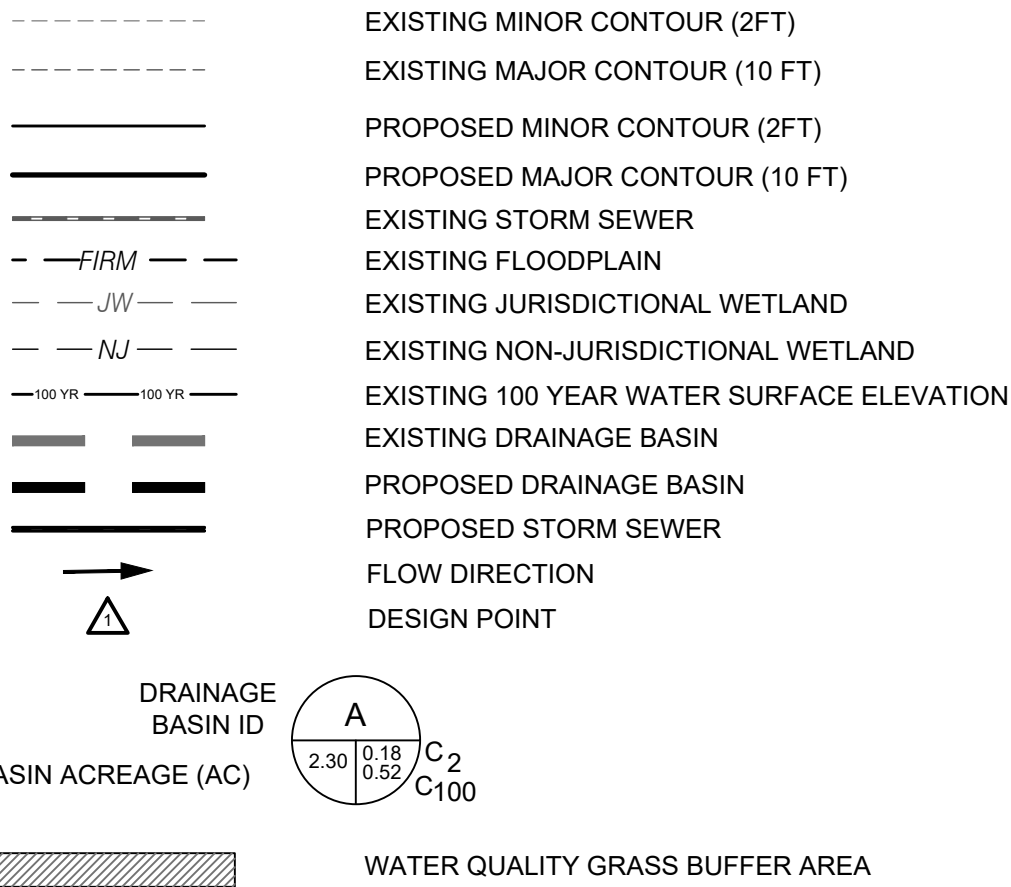
BASIN D13 EXISTING DRAINAGE CHANNEL



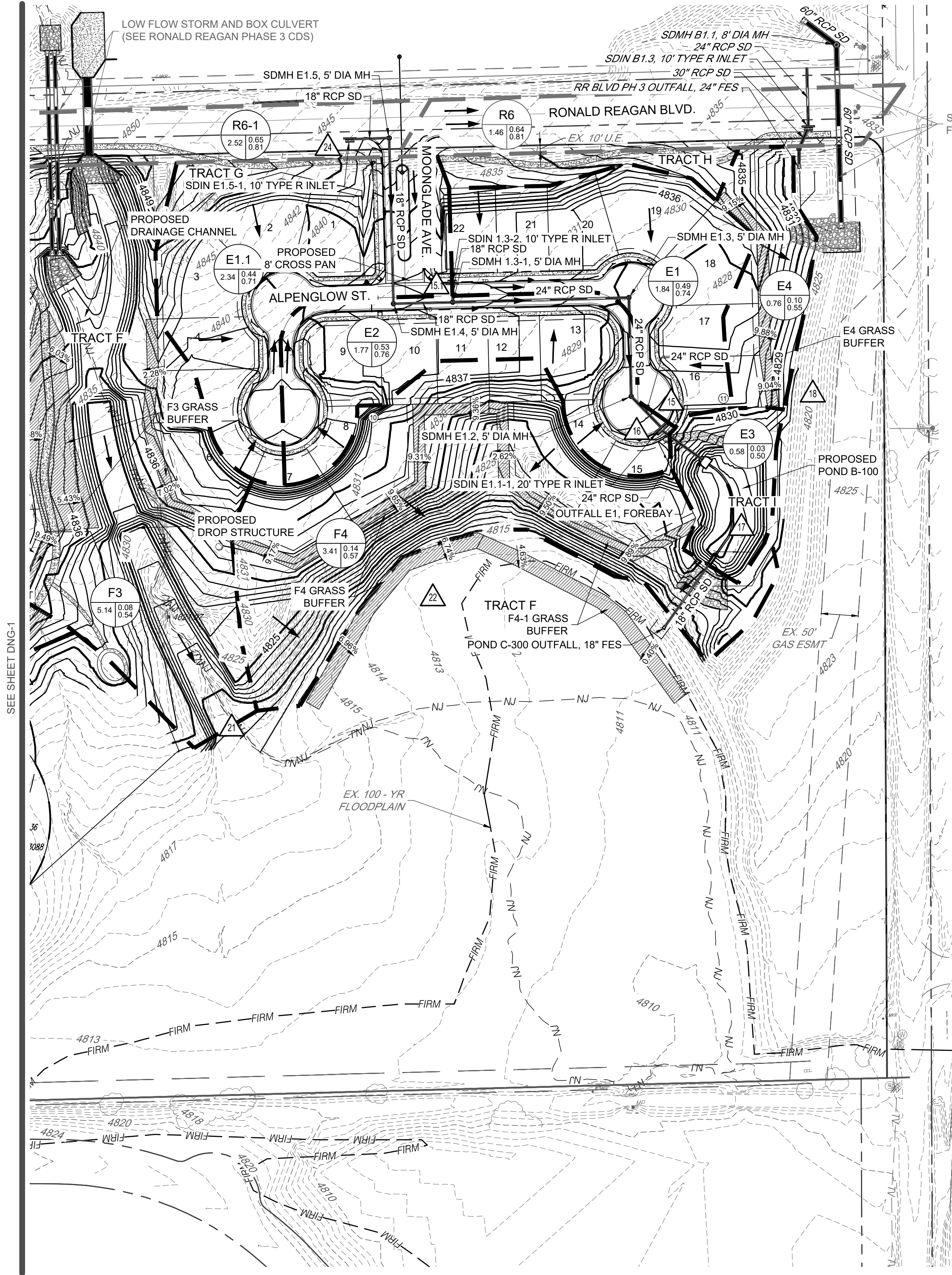
BENCHMARK: 3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE. ELEVATION = 4953.57 NAVD88.

RUNOFF SUMMARY TABLE					
DESIGN POINT	DESIGN BASIN	AREA (AC)	Q 2 (cfs)	Q 100 (cfs)	STRUCTURE
1	D1	6.11	4.6	22.6	20" TYPE R
2	D2	4.12	3.6	15.8	15" TYPE R
3	D3	3.68	3.7	15.3	15" TYPE R
4	D4	2.12	2.1	9.2	10" TYPE R
5	D5	1.54	1.8	7.4	10" TYPE R
6	D6	2.89	2.9	12.6	10" TYPE R
7	D7	2.11	2.2	9.5	10" TYPE R
8	D8	2.28	2.4	10.4	20" TYPE R
8	D8.1	1.49	2.2	8.3	20" TYPE R
8.2	D8.2	1.34	1.8	7.2	15" TYPE R
9	D9	1.52	2.1	8.2	20" TYPE R
10	D10	2.05	2.6	9.8	20" TYPE R
11	D11	2.89	3.3	14.2	10" TYPE R
12	D12	2.80	3.2	12.7	10" TYPE R
13	D13	5.66	1.1	24.3	OUTLET STRUCTURE
14	D14	2.08	0.8	7.3	TYPE C INLET
15	E1	1.84	2.1	8.6	20" TYPE R
15.1	E1.1	2.34	2.3	10.3	10" TYPE R
16	E2	1.77	2.3	8.8	20" TYPE R
17	E3	0.58	0.1	2.4	SWALE
18	E4	0.76	0.2	3.0	EX. CHANNEL
19	F1	0.42	0.0	2.1	EX. CHANNEL
20	F2	1.24	0.4	5.7	SHEET FLOW
21	F3	5.14	0.9	15.4	SHEET FLOW
22	F4	3.41	1.4	14.6	SHEET FLOW
23	C10.1	0.17	0.1	0.8	SHEET FLOW
24	R6-1	2.52	4.3	14.5	10" TYPE R

LEGEND:

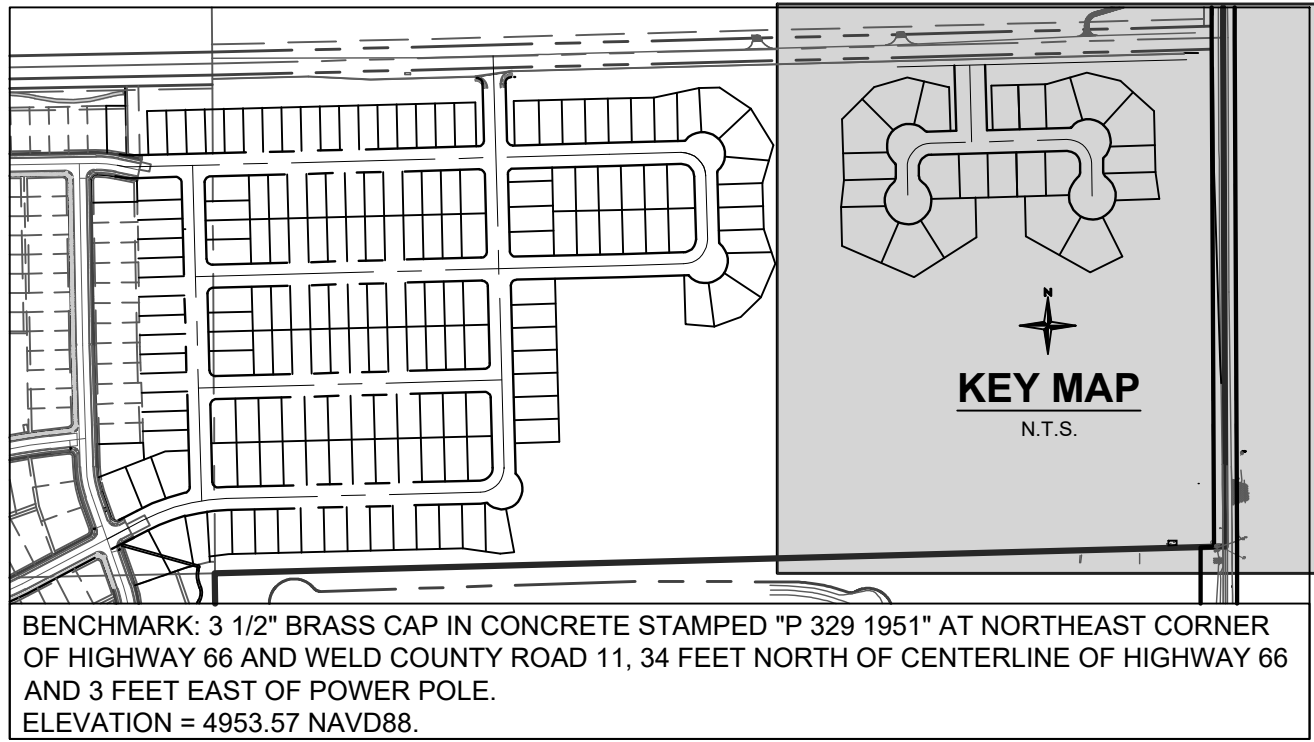


I:\2008\08001 - Barefoot Lakes\CrustSheet\Sat\08001 25 BFL Filing\6\Drainage\Plan\08001 25 Proposed Drainage Plan_recover.dwg tab: Layout1 (2) Jan 12, 2022 - 10:44am erumney



SEE SHEET DNG-1

SEE RONALD REAGAN PHASE 3 CDS FOR STORM DESIGN



BENCHMARK: 3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE. ELEVATION = 4953.57 NAVD88.

RUNOFF SUMMARY TABLE					
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8	D8.1	1.49	2.2	8.3	20" TYPE R
8.2	D8.2	1.34	1.8	7.2	15" TYPE R
9	D9	1.52	2.1	8.2	20" TYPE R
10	D10	2.05	2.6	9.8	20" TYPE R
11	D11	2.89	3.3	14.2	10" TYPE R
12	D12	2.80	3.2	12.7	10" TYPE R
13	D13	5.66	1.1	24.3	OUTLET STRUCTURE
14	D14	2.08	0.8	7.3	TYPE C INLET
15	E1	1.84	2.1	8.6	20" TYPE R
15.1	E1.1	2.34	2.3	10.3	10" TYPE R
16	E2	1.77	2.3	8.8	20" TYPE R
17	E3	0.58	0.1	2.4	SWALE
18	E4	0.76	0.2	3.0	EX. CHANNEL
19	F1	0.42	0.0	2.1	EX. CHANNEL
20	F2	1.24	0.4	5.7	SHEET FLOW
21	F3	5.14	0.9	15.4	SHEET FLOW
22	F4	3.41	1.4	14.6	SHEET FLOW
23	C10.1	0.17	0.1	0.8	SHEET FLOW
24	R6-1	2.52	4.3	14.5	10" TYPE R

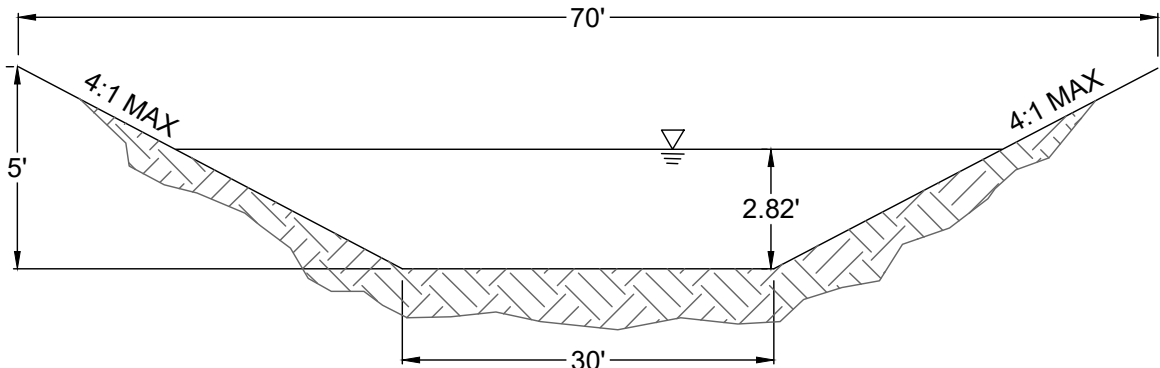
LEGEND:

- EXISTING MINOR CONTOUR (2FT)
- EXISTING MAJOR CONTOUR (10 FT)
- PROPOSED MINOR CONTOUR (2FT)
- PROPOSED MAJOR CONTOUR (10 FT)
- EXISTING STORM SEWER
- EXISTING FLOODPLAIN
- EXISTING JURISDICTIONAL WETLAND
- EXISTING NON-JURISDICTIONAL WETLAND
- EXISTING 100 YEAR WATER SURFACE ELEVATION
- EXISTING DRAINAGE BASIN
- PROPOSED DRAINAGE BASIN
- PROPOSED STORM SEWER
- FLOW DIRECTION
- DESIGN POINT
- DRAINAGE BASIN ID
- BASIN ACREAGE (AC)
- WATER QUALITY GRASS BUFFER AREA

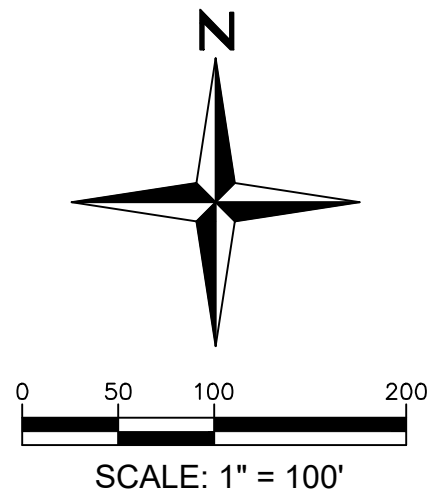
POND B-100 DATA

100-YEAR VOLUME: 0.78 AC-FT
EURV VOLUME: 0.30 AC-FT
WQ VOLUME: 0.16 AC-FT

100-YEAR WSEL: 4824.34
EURV WSEL: 4823.12
WQ WSEL: 4821.65



BASIN OS3 DRAINAGE CHANNEL SECTION

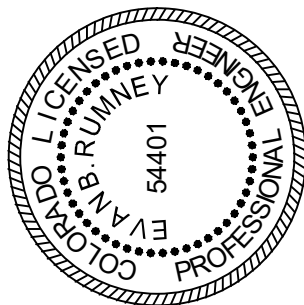


BAREFOOT LAKES FILING NO. 6
PRELIMINARY DRAINAGE PLAN

SHEET

DNG-2

Redland
WHERE GREAT PLACES BEGIN
720.283.6783 Office
720.283.6783 Cell
Littleton, Colorado 80120
REDLAND.COM



DATE	NO.	NOTES
2022-05-28	1	1ST SUBMITTAL TO TOWN OF FIRESTONE

EBR	DRAWN
EBR	CHECKED
EBR	APPROVED
PROJECT NO. 08001 25	PROJECT NO. 08001 25
HORIZ SCALE 1" = 100'	HORIZ SCALE 1" = 100'
VERT SCALE N/A	VERT SCALE N/A

AFFIDAVIT OF MAILING

Surrounding Property Owners

I hereby certify under oath that the attached notice of Neighborhood Meeting were mailed to **Surrounding Property Owners** within 300 feet of the outside boundaries of the property subject to the development application as required by the Town of Firestone Development Regulations. The attached list of parties notified is hereby certified as true and complete. The notice of public hearing and vicinity map were mailed, via certified mail, on the following date

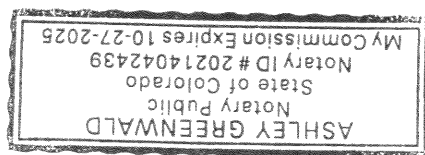
January 17, 2022 by Evan Rumney.

[Signature]
Signature

2/1/2022
Date

State of Colorado)
County of Arapahoe) ss.

Subscribed and sworn before me this 1st day of February, 2022, by
Evan Rumney.



[Signature]
Notary Public



NOTICE OF NEIGHBORHOOD MEETING

Re: Barefoot Lakes Filing 6 – Preliminary Plat

Dear Neighbor,

You are cordially invited to our neighborhood meeting regarding a proposed Preliminary Plat in your area, known as, "Barefoot Lakes Filing 6". This is the first neighborhood meeting for this proposed project and will take place on **Thursday, February 3, 2021, 5:00-6:00 p.m. MDT**. The project is located at the southwest corner of Ronald Reagan Boulevard and Colorado Boulevard.

The purpose of this neighborhood meeting is to:

1. Share, obtain feedback and answer any questions you may have about the latest proposed Preliminary Plat.

Preliminary Plat Proposal

Brookfield Residential is proposing a single-family residential project. The project proposes a total of 190 single-family homes, buffers, and parks/open space on a total of 82.58 acres.

	Number of Lots	Acres
Single Family Residential	190	32.09
Tracts/Open Space/Parks	n/a	39.36
Right-of-Way	n/a	11.13
Total	190	82.58

The lots within the Barefoot Lakes Filing 6, average 115-feet deep and are offered in 50', 60' and 70' widths.

Various open space dedications, including boundary setbacks/open space buffers are provided on the north from Ronald Reagan Blvd and to the south from the existing Pelican Shores development, wetlands, and floodplain. Approximately 47% of the site is planned for public and private open space within the tracts including the boundary setbacks and open space buffers.

The neighborhood is primarily accessed from the north off Ronald Reagan Boulevard.

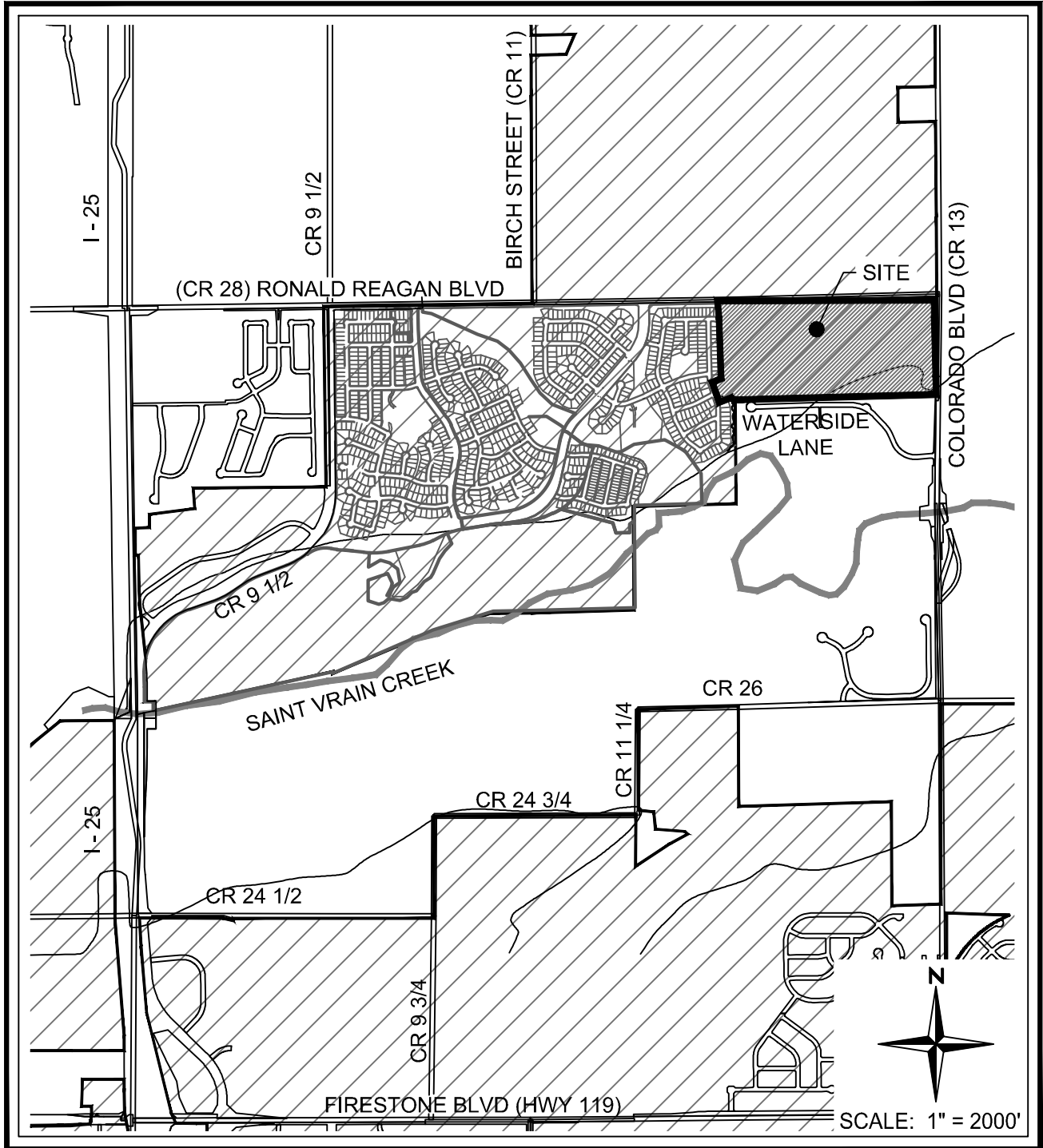
Neighborhood Meeting Instructions

Date and Time: Thursday, Feb. 3, 2021 from 5:00-6:00 p.m. MDT

Location: The Cove in Barefoot Lakes
12636 Lake Terrace Street
Firestone, CO 80504

Sincerely,
Brookfield Residential and the Barefoot Lakes Development Team

I:\2008\08001 - Barefoot Lakes\Cadd\Standards and Details\08001.25 - BEL FILING 6 - Vicinity Map.dwg tab: Layout1 Jan 10, 2022 - 8:12am erumnev



VICINITY MAP

BAREFOOT LAKES FILING NO. 6

EXHIBIT A

FIRESTONE

CO

DATE	5.28.2021
PROJ. NO.	08001.25
SHEET	VIC

<u>Property Address</u>	<u>Owner</u>	<u>Mail Address 1</u>	<u>Mail Address 2</u>	<u>Mail City</u>	<u>State</u>	<u>Mail Zipcode</u>
13322 COUNTY ROAD 11 FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700		CENTENNIAL	CO	801117103
1322 COUNTY ROAD 11 FIRESTONE	RADEMACHER FARMS LLC	1264 BARN OWL CT		WINDSOR	CO	805503332
5527 COUNTY ROAD 28 WELD	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700		CENTENNIAL	CO	801117103
	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700		CENTENNIAL	CO	801117103
	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700		CENTENNIAL	CO	801117103
	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700		CENTENNIAL	CO	801117103
	PELICAN SHORES N HOMEOWNERS ASSOCIATION	C/O DOUGLAS A TIEFEL	PO BOX 17130	BOULDER	CO	803080130
12600 WATERSIDE LN WELD	PELICAN SHORES N HOMEOWNERS ASSN	C/O KEVIN LUCAS-FOSTER MGMT	PO BOX 6125	LONGMONT	CO	805012078
12656 WATERSIDE LN WELD	MUELL JORDAN B					
12656 WATERSIDE LN WELD	MUELL MATTHEW L		4075 W 105TH PL	WESTMINSTER	CO	800311905
12652 WATERSIDE LN WELD	HARDY DOUGLAS C	12652 WATERSIDE LN		FIRESTONE	CO	805045252
12652 WATERSIDE LN WELD	HARDY DAWN M					
12648 WATERSIDE LN WELD	KLINE JOLAYNE R					
12648 WATERSIDE LN WELD	KLINE CHRISTOPHER N	12648 WATERSIDE LN		FIRESTONE	CO	805045252
12644 WATERSIDE LN WELD	DEPRIEST BARBARA LOUISE					
12644 WATERSIDE LN WELD	DEPRIEST MICHAEL ROBERT	12644 WATERSIDE LN		LONGMONT	CO	805045252
12640 WATERSIDE LN WELD	HARBERT CARLA					
12640 WATERSIDE LN WELD	HARBERT STEVE		12640 WATERSIDE LN	LONGMONT	CO	805045252
12636 WATERSIDE LN WELD	HOLLAND SETH		12636 WATERSIDE LN	LONGMONT	CO	805045252
12636 WATERSIDE LN WELD	HOLLAND AMY					
12632 WATERSIDE LN WELD	STRONG STEPHEN		12632 WATERSIDE LN	LONGMONT	CO	805045252
12628 WATERSIDE LN WELD	FLANAGAN CLINT		12628 WATERSIDE LN	LONGMONT	CO	805045252
12628 WATERSIDE LN WELD	FLANAGAN DEIRDRE					
12624 WATERSIDE LN WELD	ALLEN BLAINE					
12624 WATERSIDE LN WELD	ALLEN TIRSA					
12624 WATERSIDE LN WELD	THE HAMILTON TRUST (2/3 INT)	12624 WATERSIDE LN		LONGMONT	CO	805045252
12620 WATERSIDE LN WELD	JAMES CALVIN C REVOCABLE TRUST		12620 WATERSIDE LN	LONGMONT	CO	805045252
12620 WATERSIDE LN WELD	JAMES GAIL A REVOCABLE TRUST					
12616 WATERSIDE LN WELD	FLEMING ELLEN RENEE		12616 WATERSIDE LN	LONGMONT	CO	805045252
12616 WATERSIDE LN WELD	FLEMING BRIAN D					
12612 WATERSIDE LN WELD	LEGGETT TAMARA					
12612 WATERSIDE LN WELD	LEGGETT WILLIAM B		12612 WATERSIDE LN	LONGMONT	CO	805045252
12608 WATERSIDE LN WELD	E & J ROCKY MOUNTAIN PROPERTIES LLC		12805 WOLFF CT	BROOMFIELD	CO	800205750
12604 WATERSIDE LN WELD	PARSONS MARCHELLE R					
12604 WATERSIDE LN WELD	PARSONS JOSEPH R	2350 CLAYTON CIR		SUPERIOR	CO	800278308
	FIRESTONE TOWN	151 GRANT AVE		FIRESTONE	CO	805209000
5377 INLAND AVE FIRESTONE	LENNAR COLORADO LLC	9193 S JAMAICA ST		ENGLEWOOD	CO	801125946
5387 INLAND AVE FIRESTONE	LENNAR COLORADO LLC	9193 S JAMAICA ST		ENGLEWOOD	CO	801125946
5393 INLAND AVE FIRESTONE	LENNAR COLORADO LLC	9193 S JAMAICA ST		ENGLEWOOD	CO	801125946
5405 INLAND AVE FIRESTONE	LENNAR COLORADO LLC	9193 S JAMAICA ST		ENGLEWOOD	CO	801125946
5415 INLAND AVE FIRESTONE	LENNAR COLORADO LLC	9193 S JAMAICA ST		ENGLEWOOD	CO	801125946
5425 INLAND AVE FIRESTONE	LENNAR COLORADO LLC	9193 S JAMAICA ST		ENGLEWOOD	CO	801125946

[illegible]

12706 COVE ST FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
12696 COVE ST FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
12686 COVE ST FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5395 RIVERBEND AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5407 RIVERBEND AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5417 RIVERBEND AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
12777 BAY ST FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
12789 BAY ST FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
12803 BAY ST FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5406 SANCTUARY AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5392 SANCTUARY AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5380 SANCTUARY AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5400 RIVERBEND AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5408 RIVERBEND AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5418 RIVERBEND AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5426 RIVERBEND AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5438 RIVERBEND AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5447 BASIN AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5437 BASIN AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5427 BASIN AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5417 BASIN AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5430 BASIN AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
5438 BASIN AVE FIRESTONE	BAREFOOT LLC	6465 GREENWOOD PLAZA BLVD STE 700	CENTENNIAL	CO	801117103
13009 COUNTY ROAD 13 WELD	ST VRAIN VALLEY SCHOOL DISTRICT RE-1J	395 S PRATT PKWY	LONGMONT	CO	805016499
13184 COUNTY ROAD 13 WELD	RADEMACHER HOME FARM LLC	1264 BARN OWL CT	WINDSOR	CO	805503332
12910 COUNTY ROAD 13 WELD	VARRA COMPANIES INC	8120 GAGE ST	FREDERICK	CO	805169439
12906 COUNTY ROAD 13 WELD	VARRA COMPANIES INC	8120 GAGE ST	FREDERICK	CO	805169439

AGENDA INFORMATION MEMORANDUM

FIRESTONE TOWN BOARD OF TRUSTEES



AIM#: 8.a

Discussion/Action

Meeting Date: March 9, 2022

Initiated By: Matt Wiederspahn

Dept: Engineering - Town

AGENDA TITLE

Resolution 22-34: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING AN AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND BOHANNAN HUSTON INC FOR THE COLORADO BLVD & OAK MEADOWS BLVD HAWK TRAFFIC SIGNAL DESIGN AND CONSTRUCTION MANAGEMENT SERVICES

SUMMARY

At the November 10th, 2021 Board meeting, Bohannon Huston Inc. (BHI) as the Town's Traffic Engineering consultant, presented the outcome of two Traffic Signal Warrant Studies on Colorado Boulevard. It was determined that while a full traffic signal was not warranted at the intersection of Colorado Boulevard and Oak Meadows Boulevard, a pedestrian-activated HAWK (High-Intensity Activated Crosswalk) Signal would be an appropriate safety improvement. Subsequently, staff requested BHI provide a scope and fee for the design of the signal as well as construction management services. BHI provided a project scope and fee of \$20,950 for design and \$8,000 for construction management services. Staff is proposing a contract with a not-to-exceed amount of \$30,000 to cover these costs and a small contingency. It is expected that the design will be completed to allow for a summer bid date for the construction of the signal. A Capital Improvement Project for installing new signals was included in the 2022 Budget, anticipating that this signal may be needed.

HISTORY AND PREVIOUS BOARD ACTION

BHI presented the results of a Traffic Signal Warrant Study at the November 10, 2021 Board meeting. The Board approved the 2022 Budget, which included \$800,000 for the installation of new traffic signals.

RECOMMENDATION

Staff recommends the Board approve Resolution 22-34, approving an agreement with Bohannon Huston Inc.

ALTERNATIVES

The Board could choose not to move forward with a signal.

ATTACHMENTS

1. Reso 22-34 Colorado Blvd Oak Meadows Blvd HAWK Signal Bohannon Huston Inc
2. Colo Blvd Oak Meadows Blvd Hawk Signal Design CM Contract (BHI SIGNED)

FINANCIAL CONSIDERATIONS

The agreement includes an amount not to exceed \$30,000. The 2022 Budget included \$800,000 for new traffic signal projects.

RESOLUTION NO. 22-34

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE,
COLORADO, APPROVING A PROFESSIONAL SERVICES AGREEMENT BETWEEN
THE TOWN OF FIRESTONE AND BOHANNAN HUSTON, INC.**

WHEREAS, the Town of Firestone ("Town") is in need of professional design services for the Colorado Blvd & Oak Meadows Blvd HAWK Traffic Signal Design and Construction Management Services Project; and

WHEREAS, Town staff selected Bohannon Huston Inc due to their role as the Town's On-Call Traffic Engineering consultant.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

The Agreement between the Town of Firestone and Bohannon Huston Inc for professional services for the Colorado Blvd & Oak Meadows Blvd HAWK Traffic Signal Design and Construction Management Services Project is approved in substantially the same form as the copy attached hereto and made a part of this resolution.

INTRODUCED, READ AND ADOPTED this ___ day of _____, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, CMC, Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT FOR PROFESSIONAL SERVICES (the "Agreement") is made and entered into this ____ day of _____, 2022 (the "Effective Date"), by and between the **TOWN OF FIRESTONE**, a Colorado municipal corporation with an address of 151 Grant Avenue, P.O. Box 100, Firestone, Colorado 80520 (the "Town"), and **BOHANNAN HUSTON, INC.**, an independent contractor with a principal place of business at 9785 Maroon Circle, Englewood, Colorado 80112 ("Contractor") (each a "Party" and collectively the "Parties").

WHEREAS, the Town requires professional services; and

WHEREAS, Contractor has held itself out to the Town as having the requisite expertise and experience to perform the required professional services.

NOW, THEREFORE, for the consideration hereinafter set forth, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

I. SCOPE OF SERVICES

A. Contractor shall furnish all labor and materials required for the complete and prompt execution and performance of all duties, obligations, and responsibilities which are described or reasonably implied from the Scope of Services set forth in **Exhibit A**, attached hereto and incorporated herein by this reference and known as: **Colorado Blvd & Oak Meadows Blvd HAWK Signal Design and Construction Management (S2022-9230)**.

B. A change in the Scope of Services shall not be effective unless authorized as an amendment to this Agreement. If Contractor proceeds without such written authorization, Contractor shall be deemed to have waived any claim for additional compensation, including a claim based on the theory of unjust enrichment, quantum merit or implied contract. Except as expressly provided herein, no agent, employee, or representative of the Town is authorized to modify any term of this Agreement, either directly or implied by a course of action.

II. TERM AND TERMINATION

A. This Agreement shall commence on the Effective Date, and shall continue until Contractor completes the Scope of Services to the satisfaction of the Town, or until terminated as provided herein.

B. Either Party may terminate this Agreement upon 30 days advance written notice. The Town shall pay Contractor for all work previously authorized and completed prior to the date of termination. If, however, Contractor has substantially or materially breached this Agreement, the Town shall have any remedy or right of set-off available at law and equity.

III. COMPENSATION

In consideration for the completion of the Scope of Services by Contractor, the Town shall pay Contractor in an amount not to exceed \$30,000. This amount shall include all fees, costs and expenses incurred by Contractor, and no additional amounts shall be paid by the Town for such fees, costs and

expenses. Contractor may submit periodic invoices, which shall be paid by the Town within 30 days of receipt.

IV. PROFESSIONAL RESPONSIBILITY

A. Contractor hereby warrants that it is qualified to assume the responsibilities and render the services described herein and has all requisite corporate authority and professional licenses in good standing, required by law. The work performed by Contractor shall be in accordance with generally accepted professional practices and the level of competency presently maintained by other practicing professional firms in the same or similar type of work in the applicable community. The work and services to be performed by Contractor hereunder shall be done in compliance with applicable laws, ordinances, rules and regulations.

B. The Town's review, approval or acceptance of, or payment for any services shall not be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

C. Because the Town has hired Contractor for its professional expertise, Contractor agrees not to employ subcontractors to perform any work except as expressly set forth in the Scope of Services.

V. OWNERSHIP

Any materials, items, and work specified in the Scope of Services, and any and all related documentation and materials provided or developed by Contractor shall be exclusively owned by the Town. Contractor expressly acknowledges and agrees that all work performed under the Scope of Services constitutes a "work made for hire." To the extent, if at all, that it does not constitute a "work made for hire," Contractor hereby transfers, sells, and assigns to the Town all of its right, title, and interest in such work. The Town may, with respect to all or any portion of such work, use, publish, display, reproduce, distribute, destroy, alter, retouch, modify, adapt, translate, or change such work without providing notice to or receiving consent from Contractor.

If the Town reuses or makes any modification to Consultant's designs, documents or work product without the prior written authorization of Consultant, the Town agrees, to the fullest extent permitted by law, to release the Consultant, its officers, directors, employees and sub-consultants from all claims and causes of action arising from such uses, and shall indemnify and hold them harmless from all costs and expenses, including the cost of defense, related to claims and causes of action to the extent such costs and expenses arise from the Town's modification or reuse of the documents.

The Town expressly acknowledges and agrees that the documents and data to be provided by Consultant under the Agreement may contain certain design details, features and concepts from the Consultant's own practice detail library, which collectively may form portions of the design for the Project, but which separately, are, and shall remain, the sole and exclusive property of Consultant. Nothing herein shall be construed as a limitation on the Consultant's right to re-use such component design details, features and concepts on other projects, in other contexts or for other clients.

VI. INDEPENDENT CONTRACTOR

Contractor is an independent contractor. Notwithstanding any other provision of this Agreement, all personnel assigned by Contractor to perform work under the terms of this Agreement shall be, and remain at all times, employees or agents of Contractor for all purposes. Contractor shall make no representation that it is a Town employee for any purposes.

VII. INSURANCE

A. Contractor agrees to procure and maintain, at its own cost, a policy or policies of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by Contractor pursuant to this Agreement. At a minimum, Contractor shall procure and maintain, and shall cause any subcontractor to procure and maintain, the insurance coverages listed below, with forms and insurers acceptable to the Town.

1. Worker's Compensation insurance as required by law.
2. Commercial General Liability insurance with minimum combined single limits of \$1,000,000 each occurrence and \$2,000,000 general aggregate. The policy shall be applicable to all premises and operations, and shall include coverage for bodily injury, broad form property damage, personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall contain a severability of interests provision, and shall include the Town and the Town's officers, employees, and contractors as additional insureds. No additional insured endorsement shall contain any exclusion for bodily injury or property damage arising from completed operations.
3. Professional liability insurance with minimum limits of \$1,000,000 each claim and \$2,000,000 general aggregate.

B. Such insurance shall be in addition to any other insurance requirements imposed by law. The coverages afforded under the policies shall not be canceled, terminated or materially changed without at least 30 days prior written notice to the Town. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Any insurance carried by the Town, its officers, its employees or its contractors shall be excess and not contributory insurance to that provided by Contractor. Contractor shall be solely responsible for any deductible losses under any policy.

C. Contractor shall provide to the Town a certificate of insurance as evidence that the required policies are in full force and effect. The certificate shall identify this Agreement.

VIII. INDEMNIFICATION

A. Contractor agrees to indemnify and hold harmless the Town and its officers, insurers, volunteers, representative, agents, employees, heirs and assigns from and against all claims, liability, damages, losses, expenses and demands, including attorney fees, on account of injury, loss, or damage, including without limitation claims arising from bodily injury, personal injury, sickness, disease, death, property loss or damage, or any other loss of any kind whatsoever, which arise out of or are in any manner connected with

this Agreement if such injury, loss, or damage is caused in whole or in part by, the act, omission, error, professional error, mistake, negligence, or other fault of Contractor, any subcontractor of Contractor, or any officer, employee, representative, or agent of Contractor, or which arise out of a worker's compensation claim of any employee of Contractor or of any employee of any subcontractor of Contractor. Contractor's liability under this indemnification provision shall be to the fullest extent of, but shall not exceed, that amount represented by the degree or percentage of negligence or fault attributable to Contractor, any subcontractor of Contractor, or any officer, employee, representative, or agent of Contractor or of any subcontractor of Contractor.

B. If Contractor is providing architectural, engineering, surveying or other design services under this Agreement, the extent of Contractor's obligation to indemnify and hold harmless the Town may be determined only after Contractor's liability or fault has been determined by adjudication, alternative dispute resolution or otherwise resolved by mutual agreement between the Parties, as provided by C.R.S. § 13-50.5-102(8)(c).

IX. ILLEGAL ALIENS

A. Certification. By entering into this Agreement, Contractor hereby certifies that, at the time of this certification, it does not knowingly employ or contract with an illegal alien who will perform work under this Agreement and that Contractor will participate in either the E-Verify Program administered by the United States Department of Homeland Security and Social Security Administration or the Department Program administered by the Colorado Department of Labor and Employment to confirm the employment eligibility of all employees who are newly hired to perform work under this Agreement.

B. Prohibited Acts. Contractor shall not knowingly employ or contract with an illegal alien to perform work under this Agreement, or enter into a contract with a subcontractor that fails to certify to Contractor that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this Agreement.

C. Verification.

1. If Contractor has employees, Contractor has confirmed the employment eligibility of all employees who are newly hired to perform work under this Agreement through participation in either the E-Verify Program or the Department Program.

2. Contractor shall not use the E-Verify Program or Department Program procedures to undertake pre-employment screening of job applicants while this Agreement is being performed.

3. If Contractor obtains actual knowledge that a subcontractor performing work under this Agreement knowingly employs or contracts with an illegal alien who is performing work under this Agreement, Contractor shall: notify the subcontractor and the Town within 3 days that Contractor has actual knowledge that the subcontractor is employing or contracting with an illegal alien who is performing work under this Agreement; and terminate the subcontract with the subcontractor if within 3 days of receiving the notice required pursuant to subsection 1 hereof, the subcontractor does not stop employing or contracting with the illegal alien who is performing work under this Agreement; except that Contractor shall not terminate the subcontract if during such 3 days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with an illegal alien who is performing work under this Agreement.

D. Duty to Comply with Investigations. Contractor shall comply with any reasonable request by the Colorado Department of Labor and Employment made in the course of an investigation conducted pursuant to C.R.S. § 8-17.5-102(5)(a) to ensure that Contractor is complying with the terms of this Agreement.

E. Affidavits. If Contractor does not have employees, Contractor shall sign the "No Employee Affidavit" attached hereto. If Contractor wishes to verify the lawful presence of newly hired employees who perform work under the Agreement via the Department Program, Contractor shall sign the "Department Program Affidavit" attached hereto.

X. MISCELLANEOUS

A. Governing Law and Venue. This Agreement shall be governed by the laws of the State of Colorado, and any legal action concerning the provisions hereof shall be brought in Weld County, Colorado.

B. No Waiver. Delays in enforcement or the waiver of any one or more defaults or breaches of this Agreement by the Town shall not constitute a waiver of any of the other terms or obligation of this Agreement.

C. Integration. This Agreement constitutes the entire agreement between the Parties, superseding all prior oral or written communications.

D. Third Parties. There are no intended third-party beneficiaries to this Agreement.

E. Notice. Any notice under this Agreement shall be in writing, and shall be deemed sufficient when directly presented or sent pre-paid, first class United States Mail to the Party at the address set forth on the first page of this Agreement.

F. Severability. If any provision of this Agreement is found by a court of competent jurisdiction to be unlawful or unenforceable for any reason, the remaining provisions hereof shall remain in full force and effect.

G. Modification. This Agreement may only be modified upon written agreement of the Parties.

H. Assignment. Neither this Agreement nor any of the rights or obligations of the Parties shall be assigned by either Party without the written consent of the other.

I. Governmental Immunity. The Town and its officers, attorneys and employees, are relying on, and do not waive or intend to waive by any provision of this Agreement, the monetary limitations or any other rights, immunities or protections provided by the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, *et seq.*, as amended, or otherwise available to the Town and its officers, attorneys or employees.

J. Rights and Remedies. The rights and remedies of the Town under this Agreement are in addition to any other rights and remedies provided by law. The expiration of this Agreement shall in no way limit the Town's legal or equitable remedies, or the period in which such remedies may be asserted, for work negligently or defectively performed.

K. Subject to Annual Appropriation. Consistent with Article X, § 20 of the Colorado Constitution, any financial obligation of the Town not performed during the current fiscal year is subject to annual appropriation, shall extend only to monies currently appropriated, and shall not constitute a mandatory charge, requirement, debt or liability beyond the current fiscal year.

L. Representative Authority. Each person signing this Agreement represents and warrants that he or she is duly authorized and has the legal capacity to execute the Agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

CONTRACTOR: BOHANNAN HUSTON, INC.

By:



Jared M. Lee, Senior Vice President

EXHIBIT A

SCOPE OF SERVICES

March 1, 2022

Matt Wiederspahn, P.E.
Town of Firestone, Town Engineer
151 Grant Avenue, Firestone, CO 80520
mwiederspahn@firestoneco.gov

**Re: Town of Firestone Traffic Engineering On-Call
Oak Meadows Blvd Pedestrian Crossing**

Dear Mr. Wiederspahn,

Per your request, Bohannon Huston, Inc. (BHI) has prepared the following scope and fee for design of pedestrian crossing at the intersection of Oak Meadows Blvd and Colorado Blvd based on the recommendation of the recently completed warrant analysis completed by BHI.

Task 1: Pedestrian Crossing Signal Design – Oak Meadows Blvd

BHI will prepare design and construction documents for a new High-Intensity Activated crosswalk (HAWK) pedestrian crossing signal at the intersection of Oak Meadows Blvd and Colorado Blvd, including:

1. Project Initiation
 - a. Kick-off meeting
 - b. Base file set-up
 - c. Subsurface Utility Locating (sub-consultant)
2. Design Layout
 - a. Crossing analysis and layout determination
3. Construction Plans (Preliminary and Final Plans)
 - a. Title Sheet, General Notes and Overall Site Plans
 - b. HAWK Signal Plan Layout
 - c. Signage and Striping Plans
 - d. Construction Details
4. Engineer's Estimate of Construction Cost (Preliminary and Final)
5. Review Meeting (Preliminary and Final)

Task 2: Bidding and Construction Management Support

BHI will assist City staff on an on-call basis to provide bidding and construction management support, including:

1. Pre-bid meeting attendance
2. Addenda/Clarifications to contract documents intent
3. Bid Tabulation/Recommendation
4. Pre-construction meeting attendance
5. Submittal, Shop Drawing Review

Engineering ▲

Spatial Data ▲

Advanced Technologies ▲

6. RFI's, CO, Design Modification
7. Progress meetings (assumes 4 meetings)
8. Record Drawings (based on contractor as-builts)

Assumptions:

- Existing available LiDAR/Imagery will be the basis of design
- Work will occur within existing City ROW
- Assumes crossing will be located at the intersection and will not require modifications to the existing roadway, sidewalk, medians, or pedestrian ramps.
- Initial Subsurface Utility Locating will include Quality Level 'B' (mapping) and up to two (2) Quality Level 'A' test holes. Additional potholing determined to be needed during design phase can be provided as an additional service.
- City traffic signal standard details and specifications will be referenced were applicable
- Deliverables will be digital files (.DOC, DWG, or .PDF).
- Kick-off and review meetings will be held virtually
- City will be responsible for coordination with local power company for service connection and agreements.
- City will be responsible for overall procurement process, construction management, and full time-inspection

Exclusions:

- Topographic or Boundary Survey
- Title Work, vesting documents, Right-of-way appraisal, negotiations and acquisition
- Geotechnical engineering or pavement design
- Environmental investigation or documentation
- Drainage Improvements
- Intersection or roadway reconfiguration or redesign
- ADA ramp improvements
- Traffic Control or Construction Phasing Plans
- Structural Design - standard details will be used for signal foundation design, etc.
- Photometrics or Electrical Engineering
- Permitting or associated fees
- Providing any services requiring the preparation of multiple construction plan sets for multiple phases of development is not included.
- Full time construction management or observation.
- Performing construction staking, or materials testing is not included.

Fee:

The table below contains the estimated fees to provide these services:

Task 1: Signal Design

SUE – QL "B" and up to two (2) potholes (Lump Sum)	\$ 4,770.00
Construction Documents (Lump Sum)	\$ 16,180.00

Sub-Total **\$ 20,950.00**

Task 2: Bidding and Construction Management Support

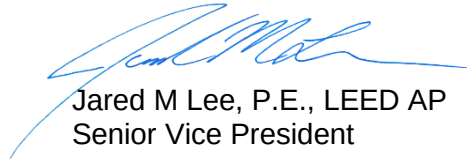
Bidding Assistance (T&M)	\$ 3,000.00
<u>Post Construction Award Services (PCAS): (T&M)</u>	<u>\$ 5,000.00</u>

****Time and Materials (T&M) phases will be billed at hourly rates per attached fee schedule**

Matt Wiederspahn, P.E.
Town of Firestone, Town Engineer
March 1, 2022
Page 3

We look forward to continuing to work with the Town of Firestone. Thank you again for the opportunity to provide these services. Should you have any questions around the scope and fee above, please do not hesitate to contact me.

Sincerely,



Jared M Lee, P.E., LEED AP
Senior Vice President

cc: Denise Aten, AICP, BHI

**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 8.b

Discussion/Action

Meeting Date: March 9, 2022

Initiated By: Dave Lindsay

Dept: Public Works

AGENDA TITLE

Resolution 22-36: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING CHANGE ORDER NO. 6 FOR THE AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND HUDICK EXCAVATING INC REGARDING THE FIRESTONE RESERVOIR NO. 1 SUPPLY AND DELIVERY INFRASTRUCTURE PROJECT

SUMMARY

As the construction of the two pump stations associated with the Firestone Reservoir No. 1 project was being completed, several issues related to the electrical systems needed to be addressed. Because of the type of electrical system the two pump stations use, the Building Department asked for the variable breakers to be set and tested. This is not always a requirement and requires a third party to perform the test. In the Tower Pump Station, the construction drawings include a jib-crane and winch system to aid in raising pumps up from the bottom of the wet well. However, the drawings were not clear about the electrical supply for the winch system. The engineer provided that later and the change order includes the cost of some additional wiring and other materials. To most efficiently heat the two pump stations, the contractors deferred design and added more heaters than the electrical system design had anticipated. The contractor is not requesting any additional payment for the heaters but only for the additional wiring and breakers needed to connect them to the designed electrical system. Similarly, the electrical system design had to make some assumptions about the power supply needed for the air handling systems that were part of the deferred design. The change order includes the additional wiring and equipment needed for the power supply for these units. All of these were changes in the conditions that the contractor could not have reasonably been expected to anticipate. Staff has prepared a change order to the construction contract with HEI Civil to incorporate these changes.

HISTORY AND PREVIOUS BOARD ACTION

On April 23, 2020, the Board of Trustees approved Resolution 20-85 awarding the construction contract for the Firestone Reservoir No. 1 Supply and Delivery Infrastructure Project.

RECOMMENDATION

Staff recommends the Board of Trustees approve the attached resolution approving Change Order No. 6 to the construction contract with HEI Civil and authorize the Mayor to execute the change order on behalf of the Town.

ALTERNATIVES

NA

ATTACHMENTS

1. Res 22-36 HEI Change Order #6 Res
2. W2020-9529 Reservoir 1 CO 6 (signed)

FINANCIAL CONSIDERATIONS

The change order will increase the construction contract amount by \$33,036.93 and will be paid from the Water Fund.

RESOLUTION NO. 22-36

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF
FIRESTONE, COLORADO, APPROVING CHANGE ORDER NO. 6 FOR THE
AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND HUDICK
EXCAVATING INC REGARDING THE FIRESTONE RESERVOIR NO. 1
SUPPLY AND DELIVERY INFRASTRUCTURE PROJECT**

WHEREAS, upon completion of the Firestone Reservoir No. 1 Supply and Delivery Infrastructure Project's two pump stations a number of electrical system testing and design issues arose regarding the jib-crane and winch system and the pump stations heating and air handling systems which resulted in the need for additional testing, wiring and equipment: and

WHEREAS, these changes could not have been reasonably expected by the contractor Hudick Excavating Inc. d.b.a HEI Civil.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

Change Order No. 6 for the Reservoir No. 1 Supply and Delivery Infrastructure Agreement between the Town of Firestone and Hudick Excavating Inc is approved in substantially the same form as the copy attached hereto and made a part of this resolution, and the Mayor is authorized to execute the Change Order on behalf of the Town.

INTRODUCED, READ, AND ADOPTED this __ day of _____, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, CMC Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

CHANGE ORDER

No. 6PROJECT Firestone Reservoir No. 1 Supply and Delivery Infrastructure ProjectDATE OF ISSUANCE 2/25/2022 EFFECTIVE DATE _____OWNER Town of FirestoneOWNER'S Contract No. W2020-9529CONTRACTOR HEI Civil ENGINEER Stantec

You are directed to make the following changes in the Contract Documents.

Description:

- 1.) Add Line Item 95-Breaker Testing Tower & Irrigation with units of LS. Unit Price equal to \$8,611.75. Total quantity equal to 1-LS. Resulting line item equal to \$8,611.75
- 2.) Add Line Item 96-Jib Crane Power with units of LS. Unit Price equal to \$1,654.22. Total quantity equal to 1-LS. Resulting line item equal to \$1,654.22
- 3.) Add Line Item 97-Additional Heater Breakers on Tower & Irrigation with units of LS. Unit Price equal to \$7,181.75. Total quantity equal to 1-LS. Resulting line item equal to \$7,181.75
- 4.) Add Line Item 98-MAU Power and Control Install Irrigation with units of LS. Unit Price equal to \$7,412.90. Total quantity equal to 1-LS. Resulting line item equal to \$7,412.90
- 5.) Add Line Item 99-MAU Power and Control Install Tower with units of LS. Unit Price equal to \$8,176.31. Total quantity equal to 1-LS. Resulting line item equal to \$8,176.31

Attachments: None

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price	Substantial Completion: <u>365</u>
\$ <u>7,016,948.45</u>	Ready for final payment: <u>410</u>
	days or dates
Net changes from previous Change Orders No. <u>1</u> to <u>5</u>	Net changes from previous Change Orders No. <u>1</u> to <u>5</u>
\$ <u>2,498,066.09</u>	<u>59</u>
	days
Contract Price prior to this Change Order	Contract Times prior to this Change Order
\$ <u>9,515,014.54</u>	Substantial Completion: <u>441</u>
	Ready for final payment: <u>469</u>
Net Increase (decrease) of this Change Order	Net Increase (decrease) of this Change Order
\$ <u>33,036.93</u>	<u>56</u>
	days
Contract Price with all approved Change Orders	Contract Times with all approved change Orders
\$ <u>9,548,051.47</u>	Substantial Completion: <u>497 [March 21, 2022]</u>
	Ready for final payment: <u>525 [April 18, 2022]</u>

RECOMMENDED

APPROVED

ACCEPTED

 By: Wiggins, David
Digitally signed by Wiggins, David
 DN: cn=Wiggins, David, ou=Internal,
 o=Higgins, O=Stantec, DC=corp, DC=ade
 Reason: I am the author of this document
 Date: 2022.02.25 12:35:45-07'00'
 Engineer (Authorized Signature)

 By: _____
 Owner (Authorized Signature)

 By: Zane Hudick
 Contractor (Authorized Signature)
Date: 2/25/2022

Date: _____

Date: 3.1.22

This **CHANGE ORDER**, when executed, constitutes a modification to the **CONTRACT**. The Contractor accepts this change order as full compensations for the additional work and any delays to the project caused by this **CHANGE ORDER**.

**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 8.c

Discussion/Action

Meeting Date: March 9, 2022

Initiated By: Dave Lindsay

Dept: Public Works

AGENDA TITLE

Resolution 22-37: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING CHANGE ORDER NO. 3 TO THE TOWN OF FIRESTONE AND E-Z EXCAVATING INC.'S AGREEMENT FOR THE INSTALLATION OF A POTABLE WATERLINE AND APPURTENANCES FOR THE ST. VRAIN WATER TREATMENT PLANT TRANSMISSION PIPELINE PROJECT

SUMMARY

During the course of the work installing the 18" Transmission Pipeline, EZ Excavating encountered conflicts with a fiber optic line that we crossed three times, two natural gas pipelines that had not been previously located, and a potable water line that had not been located correctly. The fiber-optic lines are operated by AT&T and are part of a national defense system. AT&T has federal authority to regulate work in those easements and required the three crossings to be completed differently than the design. EZ also encountered two natural gas pipelines that had not been located as part of the design and required a slight modification of the vertical alignment in the pipe to safely cross them. And when the work for Point of Connection No. 1 (at Firestone and Frontier) was being prepped, EZ discovered that an existing waterline had been mislocated and required a redesign and moving the connection point to avoid the conflict. In the course of resolving these issues, the design team determined that the original Bid Schedule was missing one of the air-vac stations shown on the drawings, so this change order corrects that. Also, the owner has directed that EZ add a gate to an existing fence to get Public Works easier access to a portion of the pipeline on private property and to add bollards at both points of connection to help protect the vaults and surface panels. Each of these conflicts was beyond the reasonable expectation for the contractor to anticipate and was a change of conditions, the additional air-vac vault is simply correcting a miscount on the Bid Schedule, and the addition of the gate and bollards was owner directed. Attached is the change order that will incorporate these changes into the contract.

HISTORY AND PREVIOUS BOARD ACTION

On September 14, 2021, the Board of Trustees approved Resolution 21-85, approving the construction contract for the St Vrain WTP Transmission Pipeline Project.

RECOMMENDATION

Staff recommends the Board of Trustees approve the attached resolution approving the change order, and authorize the Mayor to execute the change order on behalf of the Town.

ALTERNATIVES

NA

ATTACHMENTS

1. Res 22-37 E-Z Excavating Change Order 3 Res
2. W2020-9524.04 Transmission Pipeline Construction CO 3 (signed)

FINANCIAL CONSIDERATIONS

The change order will increase the construction contract amount by \$88,445.00 and will be paid from the Water Fund.

RESOLUTION NO. 22-37

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF
FIRESTONE, COLORADO, APPROVING CHANGE ORDER NO. 3 TO THE
TOWN OF FIRESTONE AND E-Z EXCAVATING INC.'S AGREEMENT FOR THE
INSTALLATION OF A POTABLE WATERLINE AND APPURTENANCES FOR
THE ST. VRAIN WATER TREATMENT PLANT TRANSMISSION PIPELINE
PROJECT**

WHEREAS, by adoption of Resolution No. 21-85 the Town of Firestone ("Town") entered into an agreement with E-Z Excavating Inc., ("EZ") for the installation of a transmission pipeline to convey water from the St. Vrain Water Treatment Plant to the Town's water distribution system; and

WHEREAS, during the performance of its work EZ experienced a number of issues which required, the redesign of planned crossings after encountering a fiber optic line operated by ATT as part of a national defense system, modification of the vertical alignment of the pipeline after encountering two unmarked natural gas pipelines, additional redesign work after discovering a waterline had been improperly located, and construction of an access gate and appurtenances upon a portion of the pipeline located on private property; and

WHEREAS, the original Bid Schedule was amended to add an additional air-vac station which had mistakenly been excluded; and

WHEREAS, all of the above matters constitute a change of conditions beyond the reasonable expectation of EZ.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

Change Order No. 3 to the Town of Firestone and E-Z Excavating Inc.'s Agreement, for the installation of a potable waterline and appurtenances, for the St. Vrain Water Treatment Plant Transmission Pipeline Project is approved in substantially the same form as the copy attached hereto and made a part of this resolution, and the Mayor is authorized to execute the Change Order on behalf of the Town.

INTRODUCED, READ, AND ADOPTED this ___ day of _____, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, CMC Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

**SECTION 00941
CHANGE ORDER**

No. 003

Date of Issuance: 2022.02.24

Effective Date: 2022.03.09

Project: St. Vrain WTP Transmission Pipeline Project – Phase 1	Owner: Town of Firestone	Owner's Contract No.: W2020-9524.04
Contract: St. Vrain WTP Transmission Pipeline Project – Phase 1		Date of Contract: 2021.07.14
Contractor: EZ Excavating Inc.		Engineer's Project No.: 227704289

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

Contractor has submitted additional costs to complete work related to Field Order 004 and Field Order 006, improvements to transportation access and security, and additional gas crossings not shown on plans.

(Existing) Item #28 Air Vac Manholes: Original Quantity = 5 EA, New Quantity = 7 EA

One (1) Air Vac Manhole due to Field Order 006 and One (1) Air Vac Manhole not accounted on Bid Form.

(Existing) Item #11.12 18" 45 Degree MJ Horizontal Bend: Original Quantity = 4 EA, New Quantity = 8 EA

Four (4) bends due to Field Order 006.

(Existing) Item #6 12-in DR-18 Pipeline: Original Quantity = 240 LF, New Quantity 265 LF.

Additional pipe due to Field Order 007.

(New) Item #45 Expose and Prep Pipe Trench for Relay: Quantity = 1 LS

Refer to Field Order 006.

(New) Item #46 Supply and install 16' Utility Gate: Quantity = 1 EA

Proposed improvement for Operations maintenance access at Firestone Trail and new pipeline at Sta. 58+63.5

(New) Item #47 Bollard: Quantity = 4.00 EA

Proposed security improvement for Blend Station electrical equipment from vehicular transportation.

(New) Item #48 Cross Existing Utilities (Diagonally) = 2.00 EA

Diagonal gas crossings not accounted on Plans.

(New) Item #3.1 Pothole Existing Utilities = 5 (EA)

Necessary potholing due to Field Order 007.

(New) Item #50 Cross Existing Utilities w/12" Water = 2 EA

Refer to Field Order 007.

(New) Item #6.1 Cut in 18" x 12" Tee = 1 EA

Refer to Field Order 007.

(New) Item #6.2 12" 90 Degree MJ Horizontal Bend = 1 EA

Refer to Field Order 007.

(New) Item #6.3 12" MJ Cap = 1 EA

Refer to Field Order 007.

Furthermore, Contractor has submitted change in Contract time due to major supply chain delays of Butterfly Valves.

Attachments (list documents supporting change):

Price Quote from EZ Excavating Inc; Field Order 006 & Field Order 007.

CHANGE IN CONTRACT PRICE:**CHANGE IN CONTRACT TIMES:**

Original Contract Price:

\$3,480,936.00

Increase from previously approved Change Orders No. 001 to No. 002:

\$163,853.40

Contract Price prior to this Change Order:

\$3,644,789.40

Increase of this Change Order:

\$ 88,445.00

Contract Price incorporating this Change Order:

\$3,733,234.40

Original Contract Times:

☐ Working days☒ Calendar daysSubstantial completion (date): 12/31/2021Ready for final payment (date): 01/31/2022Increase from previously approved Change Orders No. 001 to No. 002:Substantial completion (date): 02/25/2022Ready for final payment (date): 03/11/2022

Contract Times prior to this Change Order:

Substantial completion (date): 02/25/2022Ready for final payment (date): 03/11/2022

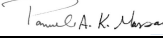
Increase of this Change Order:

Substantial completion (date): 04/30/2022Ready for final payment (date): 05/14/2022

Contract Times with all approved Change Orders:

Substantial completion (date): 04/30/2022Ready for final payment (date): 05/14/2022

RECOMMENDED:

By: 
Engineer (Authorized Signature)Date: 2/23/2022Digitally signed by Massaro, Pamela
Date: 2022.02.23 17:41:42-0700'

ACCEPTED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED:

By: 
Contract Administrator (Authorized Signature)

Date: _____

Digitally signed by Nic Tiller
DN: C=US,
E=ntiller@ezexcavating.com,
O=EZ Excavating, Inc.,
OU=Project Management,
CN=Nic Tiller
Date: 2022.02.25 08:34:57-0700'

CHANGE ORDER INSTRUCTIONS

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both.

Once Engineer has completed and signed the form, all copies should be sent to Owner or Contractor for approval, depending on whether the Change Order is a true order to the Contractor or the formalization of a negotiated agreement for a previously performed change. After approval by one contracting party, all copies should be sent to the other party for approval. Engineer should make distribution of executed copies after approval by both parties.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.



E-Z Excavating, Inc

8123 Indian Peaks Ave

Frederick, CO 80516

P (303) 772-8121

F (303) 250-9618

To:	Town Of Firestone, CO	Contact:	
Address:	151 Grant Ave. Firestone, CO	Phone:	
Project Name:	7642 - St. Vrain WTP - CO#03 - Per FO 007-00	Bid Number:	2021-0498
Project Location:	Firestone, CO FO 006	Bid Date:	7/1/2021

Line #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
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01 - Echo Crossing

(new) 45 139	Expose And Prep Pipe Trench For Relay	0.50	LS	\$14,000.00	\$7,000.00
28 140	Air/Vaccum Manholes	1.00	EACH	\$16,750.00	\$16,750.00
11.12 220	18" 45 Degree MJ Horizontal Bend	4.00	EACH	\$5,500.00	\$22,000.00

Total Price for above 01 - Echo Crossing Items: \$45,750.00

02 - Utility Gate

(new) 46 500	Supply And Install 16' Utility Gate	1.00	EACH	\$1,600.00	\$1,600.00
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Total Price for above 02 - Utility Gate Items: \$1,600.00

03 - Bollards At Blend Stations

(new) 47 505	Bollard	4.00	EACH	\$1,200.00	\$4,800.00
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Total Price for above 03 - Bollards At Blend Stations Items: \$4,800.00

04 - Crossing Existing Utilities

(new) 48 510	Cross Existing Utilities (Diagonally)	2.00	EACH	\$800.00	\$1,600.00
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Total Price for above 04 - Crossing Existing Utilities Items: \$1,600.00

05 - Additional Air Vac

28 140	Air/Vaccum Manholes	1.00	EACH	\$16,750.00	\$16,750.00
---	---------------------	------	------	-------------	-------------

Total Price for above 05 - Additional Air Vac Items: \$16,750.00

Total Bid Price: \$70,500.00



CHANGE ORDER

NO. 3-04

P.O. Box 1439
Longmont, Colorado 80502

(303) 772-8121
Fax (303) 772-3640

ATTN: Mr. Ben Strate
COMPANY: Town of Firestone
ADDRESS: 7500 Pine Cone Ave

DATE: 2/17/2021
JOB #: 7642
JOB NAME: St Vrain WTP Pipeline
LOCATION: Firestone, CO

PHONE #: (970) 305-2924
FAX #:

Description of work:

Additional fittings to move the blend station 1 north of the planned location. Some potholing was required to confirm depths of existing utilities to assure no conflicts. Pricing below based on changes in **Field Order 007** received 3/14/22: **02/24/2022**

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST
6 -1	12-in DR-18 Pipeline	25	LF	\$ 150.00	\$ 3,750.00
(new) 3.1-2	Pothole Existing Utilities	5	EA	\$ 385.00	\$ 1,925.00
(new) 50-3	Cross Existing Utilities W/12" Water	2	EA	\$ 685.00	\$ 1,370.00
(new) 6.1-4	Cut In 18" x 12" Tee	1	EA	\$ 7,500.00	\$ 7,500.00
(new) 6.2-5	12" 90 Degree MJ Horizontal Bend	1	EA	\$ 2,100.00	\$ 2,100.00
(new) 6.3-6	12" MJ Cap	1	EA	\$ 1,300.00	\$ 1,300.00
TOTAL:					\$ 17,945.00

The Contract Time will be extended by N/A days

Firm: _____
Signature: _____
Print Name: _____
Title: _____
Date: _____

Contractor: E-Z Excavating, Inc.
Signature: Nic Tiller
Print Name: Nic Tiller
Title: PM
Date: 2/17/2021

E-Z Management Use Only:

CO Added to CO Log	Owner CO	_____
B2W Estimate CO TROB Created	Status: Approved	_____
Track Budget Updated	Pending	_____
Foundation Budget Updated	Rejected	_____
Excel Billing Sheet Updated	Internal	_____

SECTION 00942 FIELD ORDER

No. **006**

Date of Issuance: 2022-01-05

Effective Date: 2022-01-05

Project: St. Vrain WTP Transmission Pipeline Project – Phase 1	Owner: Town of Firestone	Owner's Contract No.: W2020.9524.04
Contract: St. Vrain WTP Transmission Pipeline Project – Phase 1	Date of Contract: 2021.07.14	
Contractor: EZ Excavating Inc.	Engineer's Project No.: 227704289	

Attention:

You are hereby directed to promptly execute this Field Order issued in accordance with General Conditions Paragraph 9.05A., for minor changes in the Work without changes in Contract Price or Contract Times. If you consider that a change in Contract Price or Contract Times is required, please notify the Engineer immediately and before proceeding with this Work.

Reference: _____ Sheet C-210
(Specification Section(s)) (Drawing(s) / Detail(s))

Description:

AT&T potholed their fiber line at the intersection of Firestone Blvd and Echo Street on 12/17/2021 to review the separation distance from the new water line. AT&T requested that the new water line be lowered to meet separation requirements. The crossing location is at Sta. 78+14.84. The contractor will excavate the water line at this location and remove and replace the pipe to meet a separation of 24-inches.

Attachments:

Email from Clearwater Consulting Inc. dated 12/17/2021.

Revised C-210

Engineer:

Massaro, Pamela

Digitally signed by Massaro, Pamela
DN: cn=Massaro, Pamela, ou=Internal, ou=stentec, dc=corp, dc=stc
Email: 2022-01-28 13:48:04Z, serial=100
Reason: I am the author of this document
Consulting: pamela.massaro@stentec.com
Date: 2022.01.28 13:48:04Z

Receipt Acknowledged by (Contractor):

Date:

Copy to Owner

Strate, Benjamin

From: Glenn Parr <gparr@ccginc.us>
Sent: Friday, December 17, 2021 9:22 AM
To: David Lindsay; Massaro, Pamela; Strate, Benjamin
Subject: Fw: St Vrain Potable Water Delivery Pipeline (Town of Firestone, CO) - Request for Minimum Separation
Attachments: Waterline crossing at Firestone and echo

From: jt cwc64.com <jt@cwc64.com>
Sent: Friday, December 17, 2021 8:24 AM
To: Glenn Parr <gparr@ccginc.us>; ORTEGA, LUIS <lo5651@att.com>; ROBERT L WILLIAMSON (rw7517@att.com) <rw7517@att.com>; Kyle Herman <kherman@ezexcavating.com>
Cc: TONE, CHRISTOPHER <ct4169@att.com>; VILLASENOR, DANIEL <dv4313@att.com>; Chad Gibson <cg2484@att.com>; Will Guiles <wg9328@att.com>; duanew cwc64.com <duanew@cwc64.com>
Subject: RE: St Vrain Potable Water Delivery Pipeline (Town of Firestone, CO) - Request for Minimum Separation

Good morning Glenn,

I talked to Daniel – the AT&T Tech yesterday after the waterline & F/O Pot Hole work was completed at Firestone Blvd and Echo St.

Per the Pot Hole information, there is less than **6 inches** of separation between the AT&T Fiber Optic Facilities and the new Water Line, I have attached pictures with the information.

Unfortunately this is much closer than stated in earlier emails “ATT crossing at STA 78+14.84: This location was installed without knowledge of the separation requirement. Contractor will pothole our line to verify separation, but field personnel believe the separation at this location is 16” to 18”. and is violating Federal Laws concerning Fiber Optic Facilities.

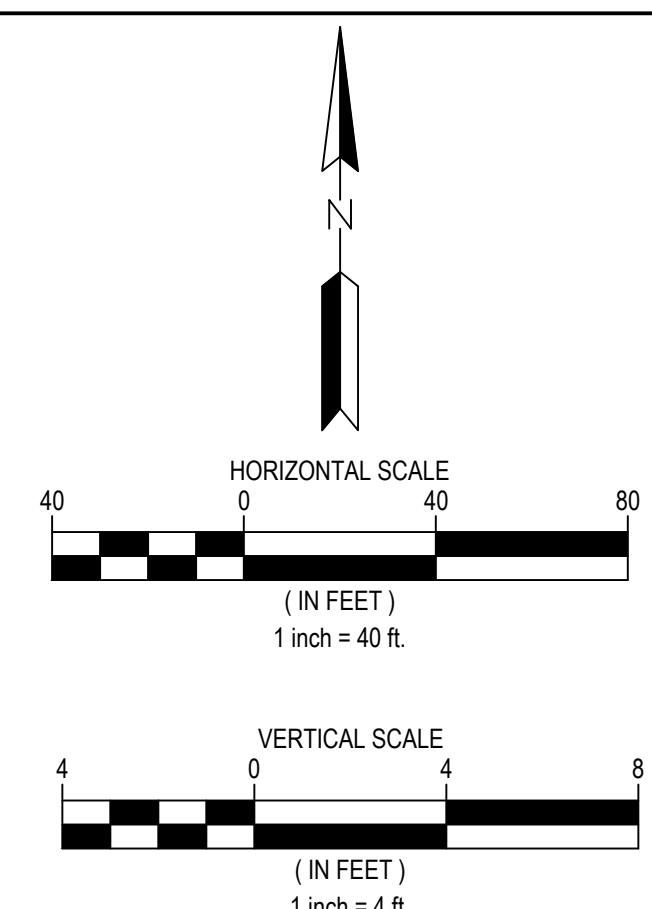
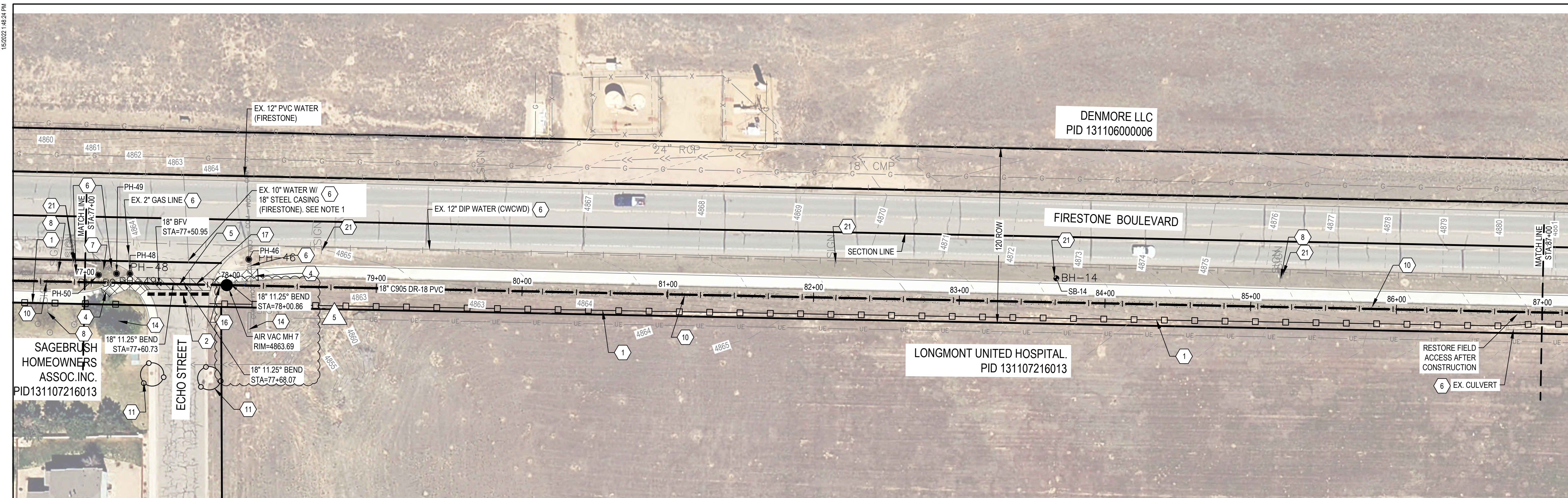
We realize this work has been completed, but it was without an AT&T Representative on-site (Daniel was out sick) when this work was completed and no other arrangements were made. We are willing to work with all to achieve a reasonable separation depth, but there is no way the Fiber Optics can be vertically shifted/lowered to accommodate, so we will ask that the waterline be shifted and/or lowered to Federal Law Standards.

PLEASE FEEL FREE TO CONTACT ME WITH ANY QUESTIONS OR CONCERNS.

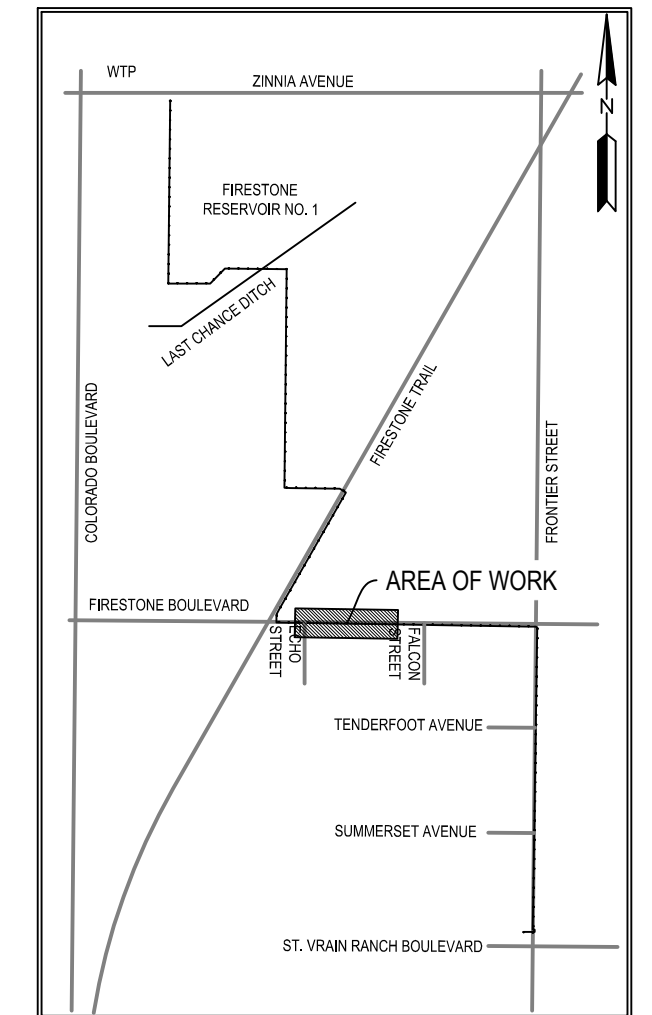
J.T. Andrews

CLEARWATER CONSULTING GROUP INC.
120 9TH AVE. SOUTH
STE. 140
NAMPA, IDAHO 83687
CELL: 208.841.5093
jt@cwc64.com

From: Glenn Parr <gparr@ccginc.us>
Sent: Monday, December 13, 2021 4:29 PM
To: jt cwc64.com <jt@cwc64.com>
Subject: RE: St Vrain Potable Water Delivery Pipeline (Town of Firestone, CO) - Request for Minimum Separation



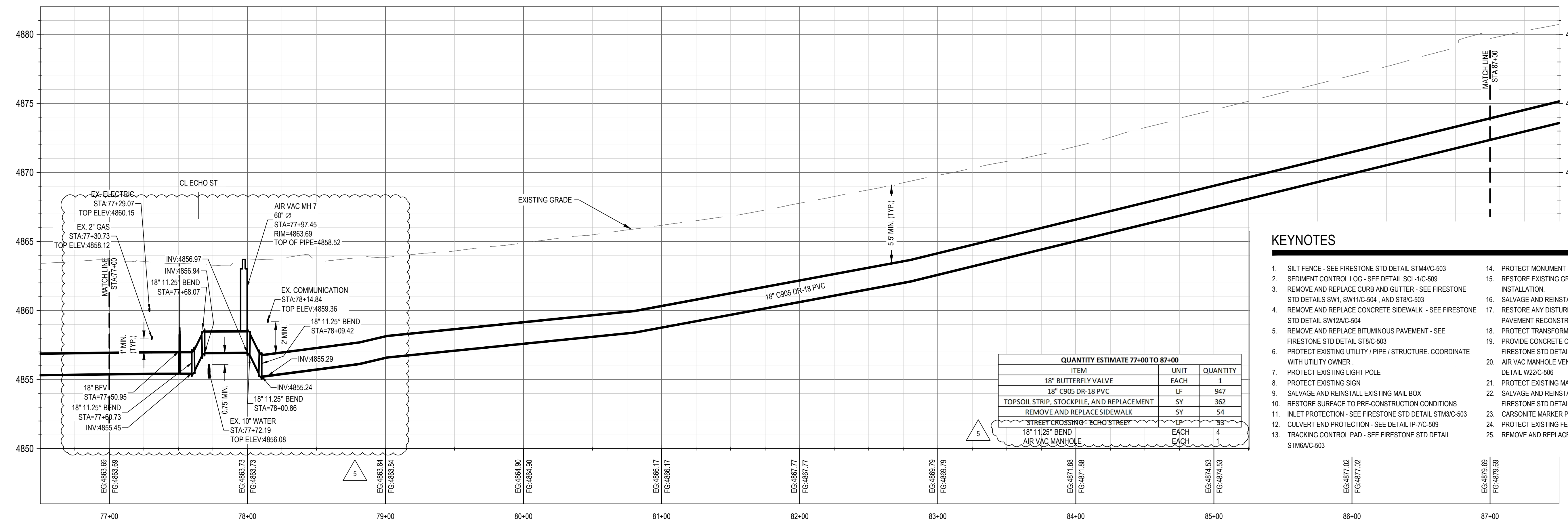
KEY MAP



NOTES

- EXISTING 10" WATERMAIN WAS UNABLE TO BE LOCATED DURING PRELIMINARY SITE INVESTIGATION AND POTHOLING. LOCATION AND ELEVATION SHOWN IS APPROXIMATE, BASED ON AVAILABLE RECORD PLAN INFORMATION. VERIFY LOCATION AND ELEVATION IN THE FIELD PRIOR TO CONSTRUCTION.

FIRESTONE POTABLE WATER PIPELINE PROFILE



QUANTITY ESTIMATE 77+00 TO 87+00		
ITEM	UNIT	QUANTITY
18" BUTTERFLY VALVE	EACH	1
18" C905 DR-18 PVC	LF	947
TOPSOIL STRIP, STOCKPILE, AND REPLACEMENT	SY	362
REMOVE AND REPLACE SIDEWALK	SY	54
18" 11.25" BEND	LF	33
18" 11.25" BEND	EACH	4
AIR VAC MANHOLE	EACH	1

KEYNOTES

- SILT FENCE - SEE FIRESTONE STD DETAIL STM4/C-503
- SEDIMENT CONTROL LOG - SEE DETAIL SCL-1/C-509
- REMOVE AND REPLACE CURB AND GUTTER - SEE FIRESTONE STD DETAILS SW1, SW11/C-504, AND ST8/C-503
- REMOVE AND REPLACE CONCRETE SIDEWALK - SEE FIRESTONE STD DETAIL SW12A/C-504
- REMOVE AND REPLACE BITUMINOUS PAVEMENT - SEE FIRESTONE STD DETAIL ST8/C-503
- PROTECT EXISTING UTILITY / PIPE / STRUCTURE. COORDINATE WITH UTILITY OWNER.
- PROTECT EXISTING LIGHT POLE
- PROTECT EXISTING SIGN
- SALVAGE AND REINSTALL EXISTING MAIL BOX
- RESTORE SURFACE TO PRE-CONSTRUCTION CONDITIONS
- INLET PROTECTION - SEE FIRESTONE STD DETAIL STM3/C-503
- CULVERT END PROTECTION - SEE DETAIL IP-7/C-509
- TRACKING CONTROL PAD - SEE FIRESTONE STD DETAIL STM6A/C-503
- PROTECT MONUMENT SIGN
- RESTORE EXISTING GRAVEL SURFACING AFTER PIPE INSTALLATION.
- SALVAGE AND REINSTALL SIGN
- RESTORE ANY DISTURBED PAVEMENT MARKINGS AFTER PAVEMENT RECONSTRUCTION (INCIDENTAL).
- PROTECT TRANSFORMER
- PROVIDE CONCRETE CAP AT PIPE / DITCH CROSSING - SEE FIRESTONE STD DETAIL W18/C-505
- AIR VAC MANHOLE VENT LOCATION - SEE FIRESTONE STD DETAIL W22/C-506
- PROTECT EXISTING MARKER POST
- SALVAGE AND REINSTALL EXISTING MARKER POST-SEE FIRESTONE STD DETAIL W30/C-506
- CARSONITE MARKER POST
- PROTECT EXISTING FENCE
- REMOVE AND REPLACE FENCE.



7000 YELLOWTAIL RD
SUITE 230
CHEYENNE, WY 82009
PHONE: 307-634-7848
FAX: 307-634-7851
WWW.WENCK.COM

PROJECT PARTNER:

acuity, llc

CLIENT:



**ST. VRAIN WTP TRANSMISSION
PIPELINE PROJECT - PHASE 1**
TOWN OF FIRESTONE
FIRESTONE, WELD COUNTY, COLORADO

PROJECT TITLE:

ISSUE NO.:

DATE	DESCRIPTION	ISSUE NO.
8/2/2021	ISSUED FOR BID	1
9/22/2021	CONSTRUCTION SET	2
10/26/2021	BEND STATION 2 REVISION	3
10/26/2021	DIAGONALLY BORE REVISION	4
01/05/2022	STA. 78+15 REVISION	5

CERTIFICATION:



PROJECT NO.: 2277-01697

DWN BY: JTP CHKD BY: RAG APPD BY: DMW

ISSUE DATE: 01/05/2022

ISSUE NO.: 5

SHEET TITLE:

PLAN AND PROFILE
STA 77+00 TO 87+00

SHEET NO.:

C-210

Page 8 of 10



SECTION 00942 FIELD ORDER

No. 007

Date of Issuance: 2022-02-24

Effective Date: 2022-02-24

Project: St. Vrain WTP Transmission Pipeline Project – Phase 1	Owner: Town of Firestone	Owner's Contract No.: W2020.9524.04
Contract: St. Vrain WTP Transmission Pipeline Project – Phase 1	Date of Contract: 2021.07.14	
Contractor: EZ Excavating Inc.	Engineer's Project No.: 227704289	

Attention:

You are hereby directed to promptly execute this Field Order issued in accordance with General Conditions Paragraph 9.05A., for minor changes in the Work without changes in Contract Price or Contract Times. If you consider that a change in Contract Price or Contract Times is required, please notify the Engineer immediately and before proceeding with this Work.

Reference: _____ Sheet C-217
(Specification Section(s)) (Drawing(s) / Detail(s))

Description:

Contractor shall relocate the new Blend Station 1 to avoid the conflicting utilities as provided in the revised drawing. Contractor may furnish additional fittings and pipe as needed and approved by Field Engineer to complete the relocation. Contractor may coordinate with CWCWD to shut-off the upstream master meter.

Attachments:

Revised Sheet C-217

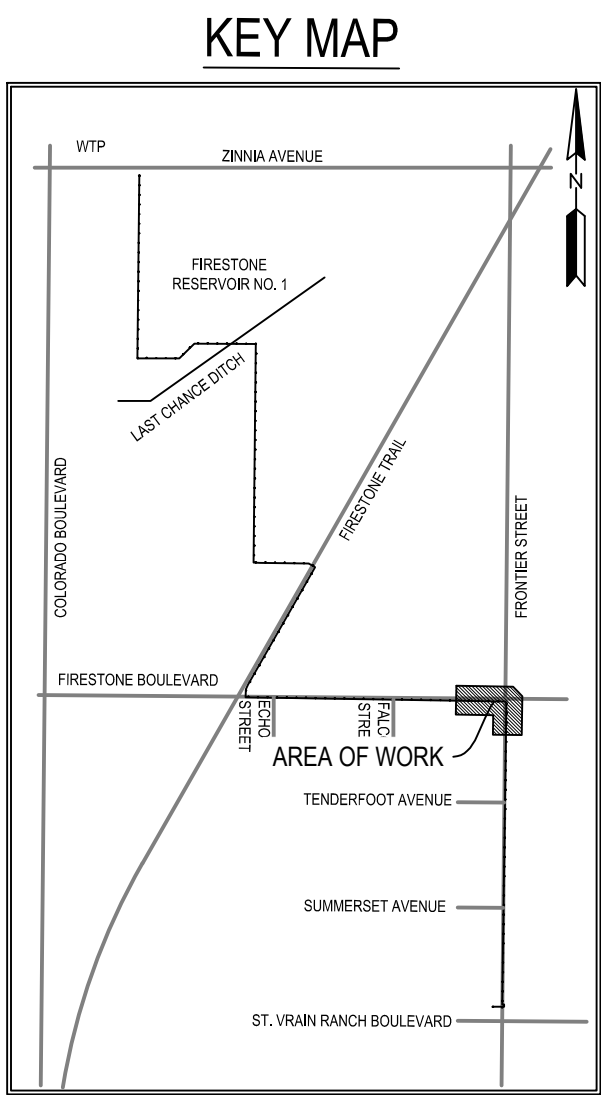
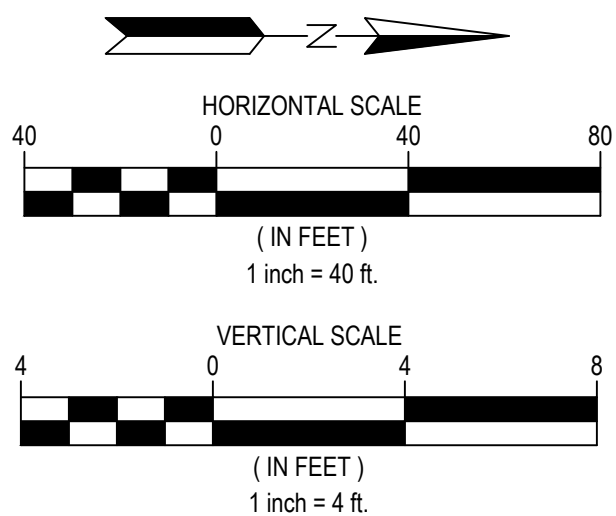
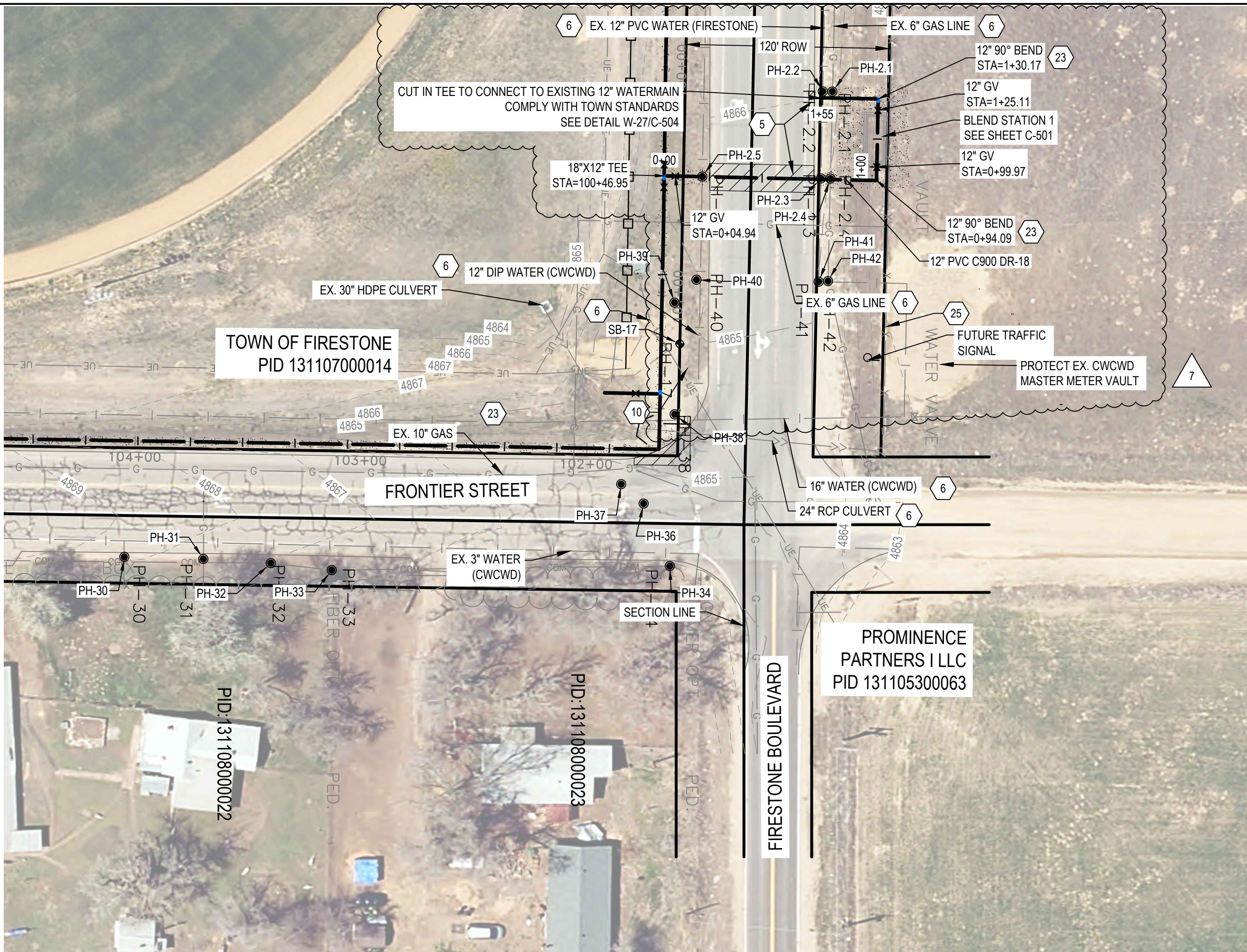
Engineer:

 Digitally signed by
Massaro, Pamela
Date: 2022.02.23
17:42:12-07'00'

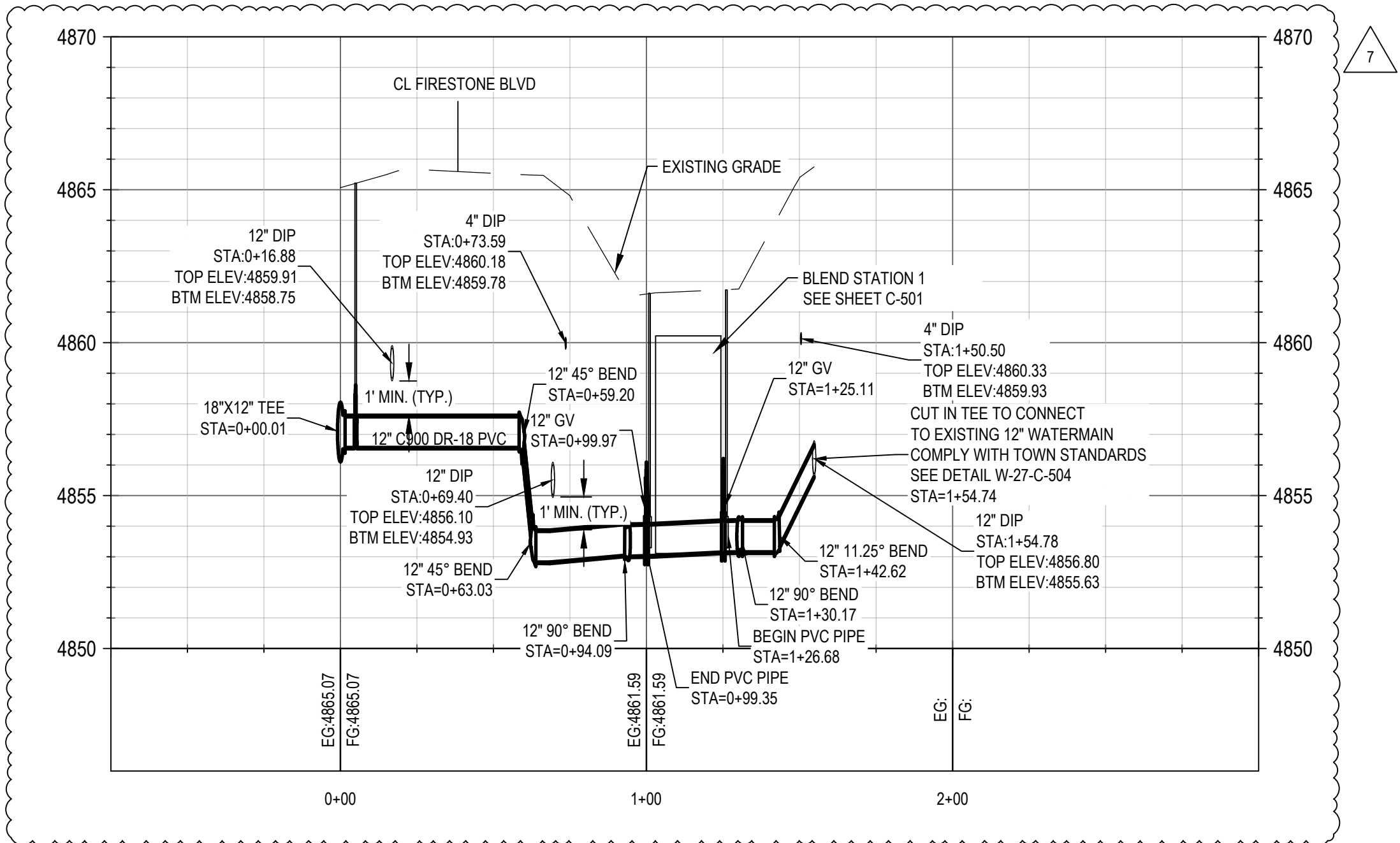
Receipt Acknowledged by (Contractor):

Date:

Copy to Owner



BLEND STATION 1 SERVICE PROFILE



QUANTITY ESTIMATE BLEND STATION #1 SERVICE		
ITEM	UNIT	QUANTITY
12" GATE VALVE	EACH	3
12" C900 DR-18 PVC	LF	129
TOPSOIL STRIP, STOCKPILE, AND REPLACEMENT	SY	25
CONNECT TO EXISTING WATERMAIN	EACH	1
STREET CROSSING - EAST FIRESTONE BLVD	LF	46
12" 90° BEND	EACH	2
12" 45° BEND	EACH	2
12" 11.25° BEND	EACH	1
12" 18"x12" TEE	EACH	1
12" 12"x12" TEE	EACH	1

KEYNOTES

- | | | | |
|-----|--|-----|---|
| 1. | SILT FENCE - SEE FIRESTONE STD DETAIL STM4/C-503 | 14. | PROTECT MONUMENT SIGN |
| 2. | SEDIMENT CONTROL LOG - SEE DETAIL SCL-1/C-509 | 15. | RESTORE EXISTING GRAVEL SURFACING AFTER PIPE INSTALLATION. |
| 3. | REMOVE AND REPLACE CURB AND GUTTER - SEE FIRESTONE STD DETAILS SW1, SW111/C-504, AND ST8/C-503 | 16. | SALVAGE AND REINSTALL SIGN. |
| 4. | REMOVE AND REPLACE CONCRETE SIDEWALK - SEE FIRESTONE STD DETAIL SW12A/C-504 | 17. | RESTORE ANY DISTURBED PAVEMENT MARKINGS AFTER PAVEMENT RECONSTRUCTION (INCIDENTAL). |
| 5. | REMOVE AND REPLACE BITUMINOUS PAVEMENT - SEE FIRESTONE STD DETAIL ST8/C-503 | 18. | PROTECT TRANSFORMER |
| 6. | PROTECT EXISTING UTILITY / PIPE / STRUCTURE. COORDINATE WITH UTILITY OWNER. | 19. | PROVIDE CONCRETE CAP AT PIPE / DITCH CROSSING - SEE FIRESTONE STD DETAIL W18/C-505 |
| 7. | PROTECT EXISTING LIGHT POLE | 20. | AIR VAC MANHOLE VENT LOCATION - SEE FIRESTONE STD DETAIL W22/C-506 |
| 8. | PROTECT EXISTING SIGN | 21. | PROTECT EXISTING MARKER POST |
| 9. | SALVAGE AND REINSTALL EXISTING MAIL BOX | 22. | SALVAGE AND REINSTALL EXISTING MARKER POST-SEE FIRESTONE STD DETAIL W30/C-506 |
| 10. | RESTORE SURFACE TO PRE-CONSTRUCTION CONDITIONS | 23. | CARSONITE MARKER POST |
| 11. | INLET PROTECTION - SEE FIRESTONE STD DETAIL STM3/C-503 | 24. | PROTECT EXISTING FENCE |
| 12. | CULVERT END PROTECTION - SEE DETAIL IP-7/C-509 | 25. | REMOVE AND REPLACE FENCE. |
| 13. | TRACKING CONTROL PAD - SEE FIRESTONE STD DETAIL STM6A/C-503 | | |



**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 8.d

Discussion/Action

Meeting Date: March 9, 2022

Initiated By: Dave Lindsay

Dept: Public Works

AGENDA TITLE

Resolution 22-38: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING A PROCUREMENT AGREEMENT BETWEEN THE TOWN OF FIRESTONE AND WATER TECHNOLOGY GROUP FOR THE PURCHASE OF PUMPS AND ASSOCIATED CONTROLS FOR THE FIRESTONE ALLUVIAL SUPPLY TREATMENT HORIZONTAL WELL PUMP STATION

SUMMARY

In 2021, Firestone completed the installation of the FAST Horizontal Well. The next step in the project is the installation of the FAST Horizontal Well Pump Station that will draw water from that well and convey it to the St Vrain Water Treatment Plant. The design of the pump station is complete and the construction contract is being bid right now. Because of the very long lead time to procure the pumps (16 weeks) and associated controls, we are recommending the Town enter into a procurement contract with Water Technologies Group to pre-purchase that equipment. Through normal bidding processes, Water Technology Group has provided the pumps for the water treatment plant and for Reservoir No. 1. Both the design teams and the contractors that are involved in these projects have been extremely pleased with the service and products Water Technology Group has provided for those projects. The Town has been happy enough with their performance that we are currently negotiating a service and support agreement with Water Technologies Group to assist Public Works with periodic service and inspection, troubleshooting, and repairs that are beyond in-house capacity. Firestone has secured project materials in this manner in the past when similar long lead manufacture and delivery issues would have delayed the completion of a project. And like our relationship with Dana Kepner for our water pipe, valves, and meters, there is substantial efficiency in having a single source of pump and control systems. Firestone approved an identical procurement contract with Water Technology Group for the pumps and controls for our Potable Water Pump Station at the water treatment plant. The Agreement and the Notice of Award are being presented to the Board for their consideration and action.

HISTORY AND PREVIOUS BOARD ACTION

On September 23, 2020, the Board approved Resolution 20-88, awarding a construction contract for the FAST Horizontal Well Project.

On November 10, 2021, the Board of Trustees approved Resolution 21-116, approving a procurement agreement with Dana Kepner to purchase PVC pipe for the FAST Alluvial Well Pipeline Project.

On December 8, 2021, the Board of Trustees approved Resolution 21-209, approving a change order with Integrated Water Services to add the FAST Alluvial Well Pipeline Project to their pump station contract.

RECOMMENDATION

Staff recommends the Board of Trustees approve the attached resolution approving the procurement contract with Water Technologies Group and authorize the Mayor to execute the contract on behalf of the Town.

ALTERNATIVES

The Board could direct staff to modify the terms of the agreement or to bid out the pump procurement.

ATTACHMENTS

1. Res 22-38 2022 Pump Procurement FAST Well Pump Station
2. W2020-9531.01 Notice of Award
3. W2020-9531.01 Agreement
4. Vicinity Map
5. Pump Station Section

FINANCIAL CONSIDERATIONS

The procurement agreement is for a fixed amount of \$103,301.00 and will be paid from the Water Fund.

RESOLUTION NO. 22-38

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE,
COLORADO, APPROVING A PROCUREMENT AGREEMENT BETWEEN THE
TOWN OF FIRESTONE AND WATER TECHNOLOGY GROUP FOR THE
PURCHASE OF PUMPS AND ASSOCIATED CONTROLS FOR THE FIRESTONE
ALLUVIAL SUPPLY TREATMENT HORIZONTAL WELL PUMP STATION**

WHEREAS, the Town of Firestone ("Town") is in need of pumps and associated controls for the Firestone Alluvial Supply Treatment ("FAST") Plant Horizontal Well Pump Station which will convey well water to the St. Vrain Water Treatment Plant; and

WHEREAS, Water Technology Group is a full service pump supplier which offers technical assistance and maintenance services for its pumps and associated controls; and

WHEREAS, Water Technology Group has already provided the Town pumps for the Gould Alluvial Wells, St. Vrain Water Treatment Plant, and Reservoir No.1 projects; and

WHEREAS, staff recommends, with the support of the Town's St. Vrain Water Treatment Plant Project's Design Team and Contractors that Water Technology Group be selected as a sole source provider for the FAST Horizontal Well Pump Station's pumps and associated controls given its broad base of experience, full scope of services and existing involvement with and knowledge of the Town's needs.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

The Procurement Agreement between Water Technology Group and the Town of Firestone for the purchase of pumps and associated controls for the Town's FAST Horizontal Well Pump Station is approved in substantially the same form as the copy attached hereto and made a part of this resolution and the Mayor is authorized to execute the Agreement on behalf of the Town.

INTRODUCED, READ AND ADOPTED this ___ day of _____, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, CMC, Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

SECTION 00510
NOTICE OF AWARD

Date: _____

Project: Firestone FAST Pump, VFD & Flowmeter Procurement

Owner: Town of Firestone	Owner's Contract No.: W2020-9531.01
Contract: Procurement Services	Engineer's Project No.:

Bidder: Water Technology Group (A Cogent Company)

Bidder's Address: 14452 W 44th Ave, Golden, CO 80403

You are notified that your Bid dated March 4, 2022
for the above Contract has been considered. You are the Successful Bidder and are awarded a Contract
for the FAST Pump, VFD and Flowmeter Procurement Project.

The Contract Price of your Contract is \$104,504.46.

Three (3) copies of the proposed Contract Documents (except Drawings) accompany this Notice of Award.

You must comply with the following conditions precedent within ten (10) days of the date you receive this Notice of Award.

1. Deliver to the Owner three (3) fully executed counterparts of the Contract Documents.
2. Deliver with the executed Contract Documents the Contract security [Bonds] as specified in the Instructions to Bidders (Article 20), General Conditions (Paragraph 5.01) and Supplementary Conditions (Paragraph SC-5.01).

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award and declare your Bid security forfeited.

Within ten days after you comply with the above conditions, Owner will return to you one fully executed counterpart of the Contract Documents.

Owner: Town of Firestone

By: _____
Mayor

Copy to Engineer

AGREEMENT

THIS AGREEMENT is by and between Town of Firestone (“Buyer”) and Water Technology Group (a Cogent Company) (“Seller”).

Buyer and Seller hereby agree as follows:

ARTICLE 1 – GOODS AND SPECIAL SERVICES

- 1.01 Seller shall furnish the Goods and Special Services as specified or indicated in the Contract Documents.

ARTICLE 2 – THE PROJECT

- 2.01 The Project, of which the Goods and Special Services may be the whole or only a part, is identified as follows:
- A. Design and furnish two vertical turbine pump and motor assemblies;
 - B. Design and furnish two variable frequency drives; and
 - C. Design and furnish 1 flowmeter.

ARTICLE 3 – ENGINEER

- 3.01 The Contract Documents for the Goods and Special Services have been prepared by McGrane Water Engineering, LLC. ("Engineer"), which is to act as Buyer's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with Seller's furnishing of Goods and Special Services.

ARTICLE 4 – POINT OF DESTINATION

- 4.01 The Point of Destination is designated as: ***Town of Firestone, Horizontal Well Pump Station, Weld County, CO***

ARTICLE 5 – CONTRACT TIMES

5.01 *Time of the Essence*

- A. All time limits for Milestones, if any, including the submittal of Shop Drawings and Samples, the delivery of Goods, and the furnishing of Special Services as stated in the Contract Documents, are of the essence of the Contract.

5.02 *Milestones*

- A. *Date for Submittal of Shop Drawings and Samples:* Seller shall submit all Shop Drawings and Samples required by the Contract Documents to Buyer for Engineer's review and acceptance within twenty-one (21) Contract Days. It is the intent of the parties that (1)
- B. Engineer conduct such review and issue its acceptance, or a denial accompanied by substantive comments regarding information needed, within 14 days of

Seller's submittal of such Shop Drawings and Samples; and (2) resubmittals be limited whenever possible. If more than one resubmittal is necessary for reasons not the fault and beyond the control of Seller, then Seller shall be entitled to seek appropriate relief under Paragraph 7.02.B of the General Conditions.

C. *Date for Delivery of Goods:* The Goods are to be delivered to the Point of Destination and ready for Buyer's receipt of delivery on (or within a period of 15 days prior to) the following:

1. July 5, 2022 for shipment from the factory, or 16 weeks from approved submittals and release to manufacturer.
2. September 30, 2022 for final completion

5.03 *Buyer's Final Inspection*

A. Days to Achieve Final Inspection: Buyer shall make its final inspection of the Goods pursuant to Paragraph 8.01.C of the General Conditions within 14 days after Buyer's acknowledgement of receipt of delivery of the Goods and Seller's completion of furnishing Special Services, if any.

5.04 *Liquidated Damages*

A. Buyer and Seller recognize that Buyer will suffer financial loss if the Goods are not delivered at the Point of Destination and ready for receipt of delivery by Buyer within the times specified in Paragraph 5.02 above, plus any extensions thereof allowed in accordance with Article 7 of the General Conditions. The parties also recognize that the timely performance of services by others involved in the Project is materially dependent upon Seller's specific compliance with the requirements of Paragraph 5.02. Further, they recognize the delays, expense, and difficulties involved in proving the actual loss suffered by Buyer if complete acceptable Goods are not delivered on time. Accordingly, instead of requiring such proof, Buyer and Seller agree that as liquidated damages for delay (but not as a penalty) Seller shall pay Buyer \$500.00 for each day that expires after the times specified in Paragraph 5.02.B for delivery of acceptable Goods.

ARTICLE 6 – CONTRACT PRICE

6.01 Buyer shall pay Seller for furnishing the Goods and Special Services in accordance with the Contract Documents as follows:

A. The prices stated in Seller's Bid, attached hereto as an exhibit.

ARTICLE 7 – PAYMENT PROCEDURES

7.01 *Submittal and Processing of Payment*

A. Seller shall submit Applications for Payment in accordance with Article 10 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

7.02 *Progress Payments; Retainage*

- A. Buyer shall make progress payments on account of the Contract Price on the basis of Seller's Applications for Payment as follows:
 - 1. Applications for Payment accompanied by Engineer's recommendation of payment in accordance with Paragraph 10.01.A.2 of the General Conditions shall be paid in accordance with the Specifications, less five-percent (5%) retainage and such amounts as Engineer may determine in accordance with Paragraph 10.02.A.3 of the General Conditions.

7.03 *Final Payment*

- A. Upon receipt of the final Application for Payment accompanied by Engineer's recommendation of payment, Buyer shall pay Seller the amount recommended by Engineer, less any sum Buyer is entitled to set off against Engineer's recommendation, including but not limited to liquidated damages.

ARTICLE 8 – INTEREST

- 8.01 All monies not paid when due as provided in Article 10 of the General Conditions shall bear interest at the statutory rate.

ARTICLE 9 – SELLER'S REPRESENTATIONS

- 9.01 In order to induce Buyer to enter into this Agreement, Seller makes the following representations:
 - A. Seller has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents, as applicable to Seller's obligations identified in Article 1 above.
 - B. If required by the Bidding Documents to visit the Point of Destination and site where the Goods are to be installed or Special Services will be provided, or if, in Seller's judgment, any local condition may affect cost, progress, or the furnishing of the Goods and Special Services, Seller has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, and the furnishing of the Goods and Special Services.
 - C. Seller is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and the furnishing of the Goods and Special Services.
 - D. Seller has carefully studied, considered, and correlated the information known to Seller; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Seller's visits, if any, to the Point of Destination and site where the Goods are to be installed or Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where

Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Contract Documents.

- E. Seller has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Seller has discovered in the Contract Documents, and the written resolution (if any) thereof by Engineer is acceptable to Seller.
- F. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing Goods and Special Services.

ARTICLE 10 – CONTRACT DOCUMENTS

10.01 Contents

- A. The Contract Documents consist of the following:
 - 1. This Agreement (pages 1 to A-2, inclusive);
 - 2. Performance Bond (pages _____);
 - 3. Payment Bond (pages _____);
 - 4. General Conditions (pages 1 to 61, inclusive);
 - 5. Supplementary Conditions (pages 1 to 16, inclusive);
 - 6. Specifications as listed in table of contents of the Project Manual;
 - 7. Drawings: Wet Well As-Built (1 Page), Horizontal Well (FAST) Pump Station Project (21 Pages) & Wet Well Submittal Package (31 Pages)
 - 8. Addenda (Numbers _____ to _____, inclusive);
 - 9. Exhibits to this Agreement (enumerated as follows):
 - a. Seller's Bid, solely as to the prices set forth therein (Bid Form Page BF-1 to BF-4).
 - b. Documentation submitted by Seller prior to Notice of Award (Attachment A);
 - 10. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
 - a. Notice to Proceed;
 - b. Change Order(s);
 - c. Work Change Directive(s).

- B. The documents listed in Paragraph 10.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 10.
- D. The Contract Documents may only be amended, or supplemented as provided in Paragraph 3.04 of the General Conditions.

ARTICLE 11 – MISCELLANEOUS

11.01 Terms

- A. Terms used in this Agreement will have the meanings indicated in the General Conditions and the Supplementary Conditions.

11.02 Assignment of Contract

- A. Buyer has the right to assign this Contract for furnishing Goods and Special Services and Seller shall consent to such assignment upon request by the Buyer. Forms documenting the assignment of the Contract, and consent of Seller's surety to the assignment are attached as exhibits to this Agreement.
 - 1. The Contract will be executed in the name of Buyer initially, and may be assigned to a construction contractor designated by Buyer. Such construction contractor's responsibilities will include the installation of the Goods. The assignment will occur upon execution of all required counterparts. As of the date of acceptance of assignment by the construction contractor, all references in the Contract Documents to Buyer shall mean the designated construction contractor.
 - 2. The assignment of the Contract shall relieve the assignor from all further obligations and liabilities under this Contract. After assignment, Seller shall become a subcontractor or supplier to the assignee and, except as noted herein, all rights, duties, and obligations of Buyer under the Contract shall become the rights, duties, and obligations of the assignee.
 - 3. After assignment:
 - a. All performance warranties, guarantees, and indemnifications required by the Contract Documents will continue to run for the benefit of assignor and, in addition, for the benefit of the assignee. However, if assignor and assignee make the same warranty or guarantee claim, then Seller shall only be liable once for such claim.
 - b. Except as provided in this Paragraph 11.02.A.3.b, all rights, duties, and obligations of Engineer to assignee and Seller under this Contract will cease.
 - 1) Engineer will review Seller's Applications for Payment and make recommendations to assignee for payments as provided in Paragraphs 10.02 and 10.06 of the General Conditions.

- 2) Upon the written request of either the assignee or Seller, Engineer will issue with reasonable promptness clarifications or interpretations of the Contract Documents pursuant to the terms of Paragraph 9.02.A of the General Conditions.
- B. No other assignment by a party hereto of any rights under or interests in the Contract Documents will be binding on another party hereto without the written consent of the party sought to be bound. Specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by Laws and Regulations). Unless specifically stated to the contrary in any written consent to such an assignment, such an assignment will not release or discharge the assignor from any duty or responsibility under the Contract Documents.

11.03 Successors and Assigns

- A. Buyer and Seller each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

11.04 Severability

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Buyer and Seller. The Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

11.05 Seller's Certifications

- A. Seller certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 11.05:
 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process or in the Contract execution;
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Buyer, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and

4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

11.06 Limitations

- A. Buyer and Seller waive against each other, and against the other’s officers, directors, members, partners, employees, agents, consultants, and subcontractors, any and all claims for or entitlement to incidental, indirect, or consequential damages arising out of, resulting from, or related to the Contract. Upon assignment the terms of this Paragraph 11.06.A shall be binding upon the assignee with respect to Seller and assignor. The terms of this mutual waiver do not apply to or limit any claim by either Buyer or Seller against the other based on any of the following: (a) contribution or indemnification, (b) costs, losses, or damages attributable to personal or bodily injury, sickness, disease, or death, or to injury to or destruction of the tangible property of others, (c) intentional or reckless wrongful conduct, or (d) rights conferred by any bond provided by Seller under this Contract.
- B. Upon assignment the terms of this Paragraph 11.06.B shall be binding upon both the assignor and assignee with respect to Seller's liability, and upon Seller with respect to both assignor's and assignee's liabilities. The terms of this mutual limitation do not apply to or limit any claim by either Buyer or Seller against the other based on any of the following: (a) contribution or indemnification with respect to third-party claims, losses, and damages; (b) costs, losses, or damages attributable to personal or bodily injury, sickness, disease, or death, or to injury to or destruction of the tangible property of others, (c) intentional or reckless wrongful conduct, or (d) rights conferred by any bond provided by Seller under this Contract.

11.07 Other Provisions

- A. None.

IN WITNESS WHEREOF, Buyer and Seller have signed this Agreement. Counterparts have been delivered to Buyer and Seller. All portions of the Contract Documents have been signed or identified by Buyer and Seller or on their behalf.

This Agreement will be effective on _____(which is the Effective Date of the Agreement).

Buyer: Town of Firestone Seller: Water Technology Group

By: _____ By: _____
[Corporate Seal] [Corporate Seal]

Attest: _____ Attest: _____

Address for giving notice: Address for giving notice:

(If Buyer is a corporation, attach evidence of authority to sign. If Buyer is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of Buyer-Seller Agreement.) Agent for service of process:

(If Seller is a corporation or a partnership, attach evidence of authority to sign.)

Designated Representative: Designated Representative:
Name: _____ Name: _____
Title: _____ Title: _____
Address: _____ Address: _____
Phone: _____ Phone: _____
Facsimile: _____ Facsimile: _____

.

**EXHIBIT A-1 to Agreement Between
Buyer and Seller dated _____**

**ASSIGNMENT OF CONTRACT; CONSENT TO ASSIGNMENT;
AND ACCEPTANCE OF ASSIGNMENT**

This assignment will be effective on *[insert date]*.

[or]

This assignment will be effective on the Effective Date of the Agreement between Buyer and Construction Contractor.

The Contract between Town of Firestone
____ (“Buyer”) and Water Technology Group (“Seller”)
for furnishing Goods and Special Services under the Contract Documents entitled Vertical Turbine
Pumps, VFD’s and Meter

is hereby assigned, transferred, and set over to _____
 (“Construction Contractor”). Construction Contractor shall be totally responsible for the performance of
Seller and for the duties, rights and obligations of Buyer, not otherwise retained by Buyer, under the terms
of the Contract between Buyer and Seller.

ASSIGNMENT DIRECTED BY:

Buyer

(If Buyer is a corporation, attach evidence
of authority to sign. If Buyer is a public
body, attach evidence of authority to sign
and resolution or other documents authorizing
execution of Buyer-Seller Agreement.)

By: _____
(Signature) (Title)

ASSIGNMENT

ACKNOWLEDGED AND ACCEPTED BY:

Seller

(If Seller is a corporation, attach
evidence of authority to sign.)

By: _____
(Signature) (Title)

ASSIGNMENT ACCEPTED BY:

Construction Contractor

(If Construction Contractor is a
corporation, attach evidence of authority
to sign.)

By: _____

**EXHIBIT A-2 to Agreement Between
Buyer and Seller dated _____**

AGREEMENT TO ASSIGNMENT BY SELLER'S SURETY

Surety hereby acknowledges and agrees that the Contract for furnishing Goods and Special Services under the Contract Documents entitled _____ by and between _____ Town of Firestone ("Buyer") and _____ Water Technology Group (a Cogent Company) ("Seller") may be assigned, transferred, and set over to _____ ("Construction Contractor"), in accordance with Paragraph 11.02 of Agreement between Buyer and Seller.

Surety further agrees that, upon assignment of the Contract, the Construction Contractor shall have all the rights of the Buyer under the Performance Bond.

(Corporate Seal)

Surety

Company: _____

By: _____

Signature and Title
(Attach Power of Attorney)

BID FORM

PROJECT IDENTIFICATION: Firestone FAST Pump Station: Pump, VFD & Flowmeter Procurement

CONTRACT IDENTIFICATION AND NUMBER: Project Number: W2020-9531.01

THIS BID SUBMITTED TO: Town of Firestone
9950 Park Avenue
Firestone, CO 80504

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation for Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for sixty days after the day of Bid opening. BIDDER will sign and submit the Agreement with the Bonds and other documents required by the Bidding Requirements within thirty days after the date of OWNER's Notice of Award.

3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:

(a) Bidder has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged):

None

(b) BIDDER has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality, and all local conditions and Laws and Regulations that in any manner may affect cost, progress, performance or furnishing of the Work.

(c) BIDDER has studied carefully all reports and drawings of subsurface conditions and drawings of physical conditions which are identified in the Supplementary General Conditions as provided in paragraph 4.02 of the General Conditions, and accepts the determination set forth in paragraph SC-4.02 of the Supplementary General Conditions of the extent of the technical data contained in such reports and drawings which BIDDER is entitled to rely.

(d) BIDDER has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies (in addition to or to supplement those referred to in (c) above) which pertain to the subsurface or physical conditions at the site or otherwise may affect the cost, progress, performance or furnishing of the Work as BIDDER considers necessary for the performance or furnishing of the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of paragraph 4.02 of the General Conditions; and no

additional examinations, investigations, explorations, tests, reports or similar information or data are or will be required by BIDDER for such purposes.

(e) BIDDER has reviewed and checked all information and data shown or indicated on the Contract Documents with respect to existing Underground Facilities at or contiguous to the site and assumes responsibility for the accurate location of said Underground Facilities. No additional examinations, investigations, explorations, tests, reports or similar information or data in respect of said Underground Facilities are or will be required by BIDDER in order to perform and furnish the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of paragraph 4.03 of the General Conditions.

(f) BIDDER has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.

(g) BIDDER has given ENGINEER written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER.

(h) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.

4. BIDDER will complete the Work for the following price(s):

BID SHEET, BID FORM PROJECT: FIRESTONE FAST PUMP, VFD & FLOWMETER PROCUREMENT ; PROJECT NUMBER 2020-9531.01 TOWN OF FIRESTONE, CO
--

Item No.	Description	Unit	Qty	Unit Price (\$)	Unit Price (Written)	Bid (\$)
1	Vertical Turbine Motor Assemblies	EA	2	7801.50	Seven thousand, eight hundred and one dollars and fifty cents	15603.00
2	Vertical Turbine Pump Assemblies & Motor Shaft	EA	2	38196.50	Thirty eight thousand one hundred ninety six dollars and fifty cents	76393.00
3	VFDs	EA	2	2742.50	Two thousand seven hundred forty two dollars and fifty cents	5485.00
4	8 " FLG x FLG Flowmeter	EA	1	3820.00	Three thousand eight hundred and twenty dollars	3820.00
5	Start-Up Support & O&M Data	DAYS	2	1000.00	Two thousand dollars	2000.00
6	Bonds and Delivery	LS	1	1203.46	One thousand two hundred three dollars and fortysix cents	1203.46

Total Bid \$104,504.46

Total Bid (Written) One hundred and four thousand, five hundred four dollars and forty six cents

Quantities are not guaranteed. Final payment will be based on actual quantities.

5. BIDDER agrees that the Work will be substantially complete on or before September 15th, 2022 and completed and ready for final payment in accordance with paragraph 14.07 of the General Conditions on or before September 30, 2022.

BIDDER accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work on time.

6. The following documents are attached to and made a condition of this Bid:

(a) None.

7. Communications concerning this Bid shall be addressed to:

The address of the BIDDER indicated below:

Water Technology Group (A Cogent Company)
Attn: Sean Helmer
14452 W 44 th Avenue
Golden, CO 80403

8. The terms used in this Bid which are defined in the General Conditions of the Construction Contract included as part of the Contract Documents have the meanings assigned to them in the General Conditions.

9. SUBMITTED on March 4, 2022.

If BIDDER is:

An Individual

By _____ (SEAL)

(Individual's Name)

doing business as _____
Business address: _____

Phone No.: _____

A Partnership

By _____ (SEAL)

(Firm Name)

(general partner)

Business address: _____

Phone No.: _____

A Corporation

By Cogent Inc dba Water Technology Group

(Corporation Name)

Missouri

(state of incorporation)

By Sean Helmer *Sean Helmer*

(name of person authorized to sign)

Engineered Sales

(Title)

(Corporate Seal)

Attest Jamie Rice

(Secretary)

Business address: 4525 NW 41st STE 400 Riverside MO 64150

Phone No.: 314-724-1269

A Joint Venture

By _____

(Name)

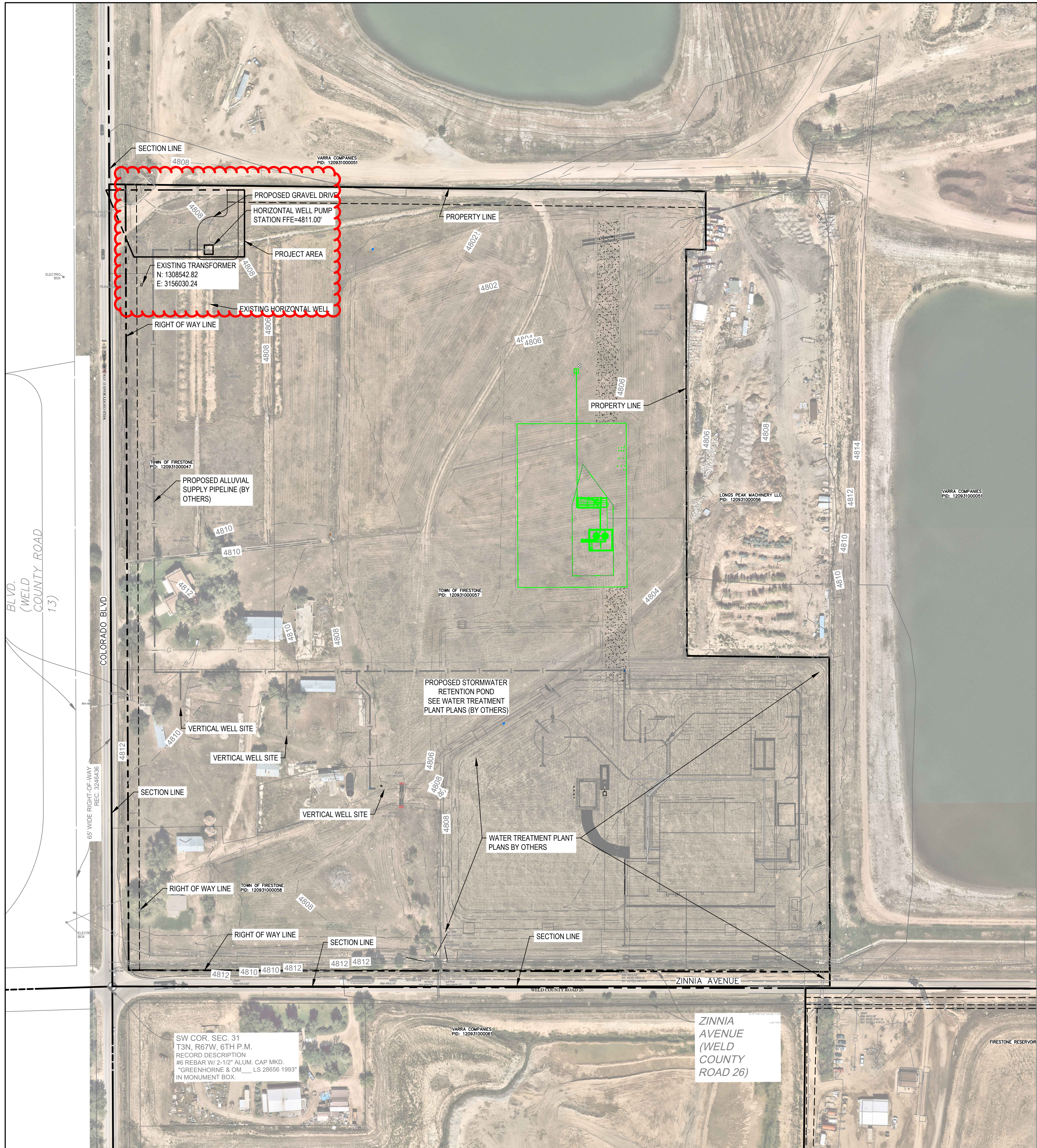
(Address)

By _____

(Name)

(Address)

(Each joint venturer must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above.)



LEGEND

- | | |
|---|------------------------|
|  | PROPERTY BOUNDARY |
|  | LOT LINE |
|  | EASEMENT LINE |
|  | RIGHT OF WAY LINE |
|  | SECTION LINE |
|  | EXISTING EASEMENT LINE |
|  | EXISTING PROPERTY LINE |
|  | CONSTRUCTION LIMITS |



Stantec
4025 AUTOMATION WAY, BLDG E
FORT COLLINS, CO 80525
PHONE: 970-223-4705
FAX: 970-223-4706
WWW.STANTEC.COM

PRIMARY CONSULTANT:

acuity, llc

CLIENT:



FIRESTONE
COLORADO

CT TITLE: HORIZONTAL WELL (FAST)
PUMP STATION PROJECT
TOWN OF FIRESTONE
WELD COUNTY, COLORADO

[illegible]

CERTIFICATION:
I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF COLORADO.

LICENSE NO.: _____
DATE: _____

PROJECT NO.: 227701472

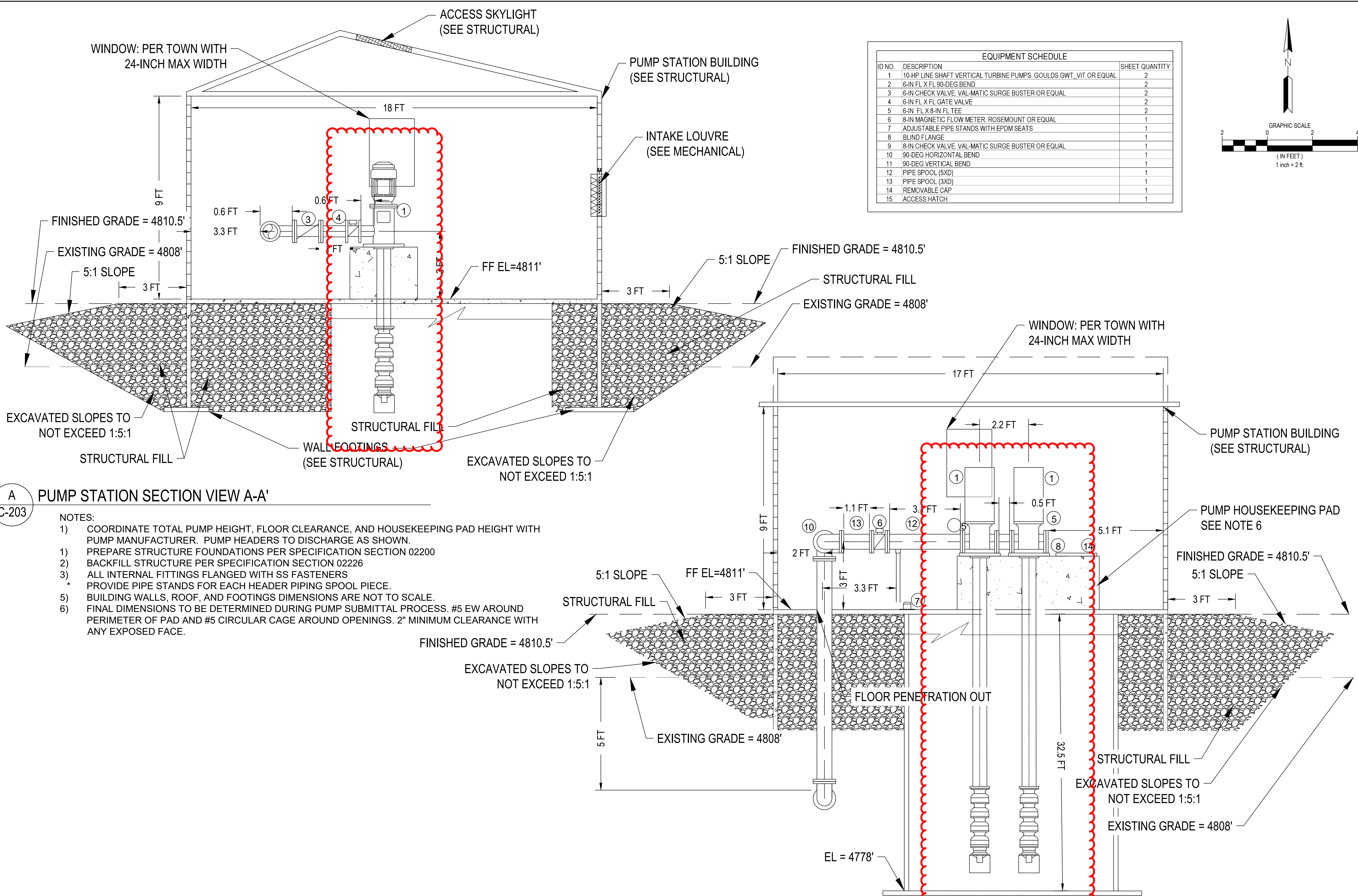
DWN BY: HKK	CHK'D BY: DW	APP'D BY: PAKM
----------------	-----------------	-------------------

ISSUE DATE: 02/07/2022

ISSUE NO.: 2

SHEET TITLE:
OVERALL SITE MAP

SHEET NO.:
C-101



A PUMP STATION SECTION VIEW A-A'

C-203

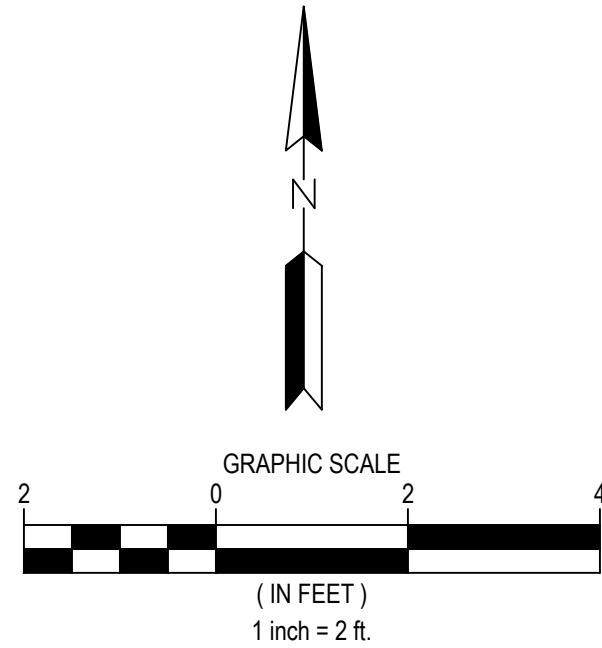
NOTES:

- 1) COORDINATE TOTAL PUMP HEIGHT, FLOOR CLEARANCE, AND HOUSEKEEPING PAD HEIGHT WITH PUMP MANUFACTURER. PUMP HEADERS TO DISCHARGE AS SHOWN.
- 1) PREPARE STRUCTURE FOUNDATIONS PER SPECIFICATION SECTION 022200
- 2) BACKFILL STRUCTURE PER SPECIFICATION SECTION 02226
- 3) ALL INTERNAL FITTINGS FLANGED WITH SS FASTENERS
- * PROVIDE PIPE STANDS FOR EACH HEADER PIPING SPOOL PIECE.
- 5) BUILDING WALLS, ROOF, AND FOOTINGS DIMENSIONS ARE NOT TO SCALE.
- 6) FINAL DIMENSIONS TO BE DETERMINED DURING PUMP SUBMITTAL PROCESS. #5 EW AROUND PERIMETER OF PAD AND #5 CIRCULAR CAGE AROUND OPENINGS. 2" MINIMUM CLEARANCE WITH ANY EXPOSED FACE.

B PUMP STATION SECTION VIEW B-B'

C-203

EQUIPMENT SCHEDULE		
ID NO.	DESCRIPTION	SHEET QUANTITY
1	10-HP LINE SHAFT VERTICAL TURBINE PUMPS. GOULDS GWT_VIT OR EQUAL	2
2	6-IN FL X FL 90-DEG BEND	2
3	6-IN CHECK VALVE. VAL-MATIC SURGE BUSTER OR EQUAL	2
4	6-IN FL X FL GATE VALVE	2
5	6-IN FL X 8-IN FL TEE	2
6	8-IN MAGNETIC FLOW METER. ROSEMOUNT OR EQUAL	1
7	ADJUSTABLE PIPE STANDS WITH EPDM SEATS	1
8	BLIND FLANGE	1
9	8-IN CHECK VALVE. VAL-MATIC SURGE BUSTER OR EQUAL	1
10	90-DEG HORIZONTAL BEND	1
11	90-DEG VERTICAL BEND	1
12	PIPE SPOOL (5XD)	1
13	PIPE SPOOL (3XD)	1
14	REMOVABLE CAP	1
15	ACCESS HATCH	1



Stantec
4025 AUTOMATION WAY, BLDG E
FORT COLLINS, CO 80525
PHONE: 970-223-4705
FAX: 970-223-4706
WWW.STANTEC.COM

PRIMARY CONSULTANT:
acuity, llc

CLIENT:
FIRESTONE
TOWN OF FIRESTONE
WELD COUNTY, COLORADO

PROJECT TITLE:
**HORIZONTAL WELL (FAST)
PUMP STATION PROJECT**
TOWN OF FIRESTONE
WELD COUNTY, COLORADO

ISSUE NO.	1		2	
	DATE	DESCRIPTION	DATE	DESCRIPTION
1	12/06/2021	PRELIMINARY DESIGN		
2	02/07/2022	ISSUED FOR BID		

CERTIFICATION:
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF COLORADO.

LICENSE NO.:
DATE:

PROJECT NO.: 227701472

DWN BY: HKK CHK'D BY: DW APP'D BY: PAKM
ISSUE DATE: 02/07/2022

ISSUE NO.: 2

SHEET TITLE:
PUMP STATION SECTIONS

SHEET NO.:
C-203

CALL BEFORE YOU DIG
COLORADO 811
1-800-922-1987

**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 8.e

Discussion/Action

Meeting Date: March 9, 2022

Initiated By: Julie Pasillas

Dept: Public Works

AGENDA TITLE

Resolution 22-35: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, PRESCRIBING THE TOWN OF FIRESTONE'S WATER RATES, FEES, TOLLS AND CHARGES AND STORAGE AND INFRASTRUCTURE INVESTMENT FEES

SUMMARY

The staff has prepared a resolution for consideration by the Board to increase the Construction Hydrant Meter Rental Deposit from \$3,200.00 to \$4,200.00. The deposit covers any cost of repair, replacement, and water usage in the event that a hydrant meter is damaged, lost or stolen. The reason for the increase is due to the updated repair and replacement costs from the Town's supplier. The new deposit rate would take effect on March 10, 2022. No other fee changes are being requested at this time. All other fees were approved by the Board of Trustees at the meeting on December 8, 2021, by Resolution 21-199.

HISTORY AND PREVIOUS BOARD ACTION

The Board of Trustees has approved adjustments to the construction hydrant deposit periodicity over the past years.

RECOMMENDATION

Staff recommends that the Board of Trustees approve Resolution 22-35, increasing only the Construction Hydrant Meter Rental Deposit to cover the increase in cost from the Town's supplier.

ALTERNATIVES

The Board may choose not to approve Resolution 22-35 and provide Staff with additional direction.

ATTACHMENTS

1. Res No 22-35 A RESOLUTION PRESCRIBING TWATER RATES, FEES, TOLLS AND CHARGES AND STORAGE AND INFRASTRUCTURE INVESTMENT FEES

FINANCIAL CONSIDERATIONS

If the Board approves Resolution 22-35, the increase to the Construction Hydrant Meter Rental Deposit will have no financial impact since the deposit covers any expenses as a result of a hydrant meter being damaged, lost, or stolen.

RESOLUTION NO. 22-35

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, PRESCRIBING THE TOWN OF FIRESTONE'S WATER RATES, FEES, TOLLS AND CHARGES AND STORAGE AND INFRASTRUCTURE INVESTMENT FEES

WHEREAS, the Town of Firestone ("Town") for administrative efficiency by Resolution NO. 21-199 consolidated its water rates, fees, tolls and charges and storage and infrastructure investment fees in one resolution; and

WHEREAS, the Town, which operates a municipal water facility and Central Weld County Water District ("CWCWD") are parties to various intergovernmental agreements concerning the provision of water service and facilities to the Town; and

WHEREAS, pursuant to such intergovernmental agreements, CWCWD from time to time increases its charges regarding its provision of water services to the Town; and

WHEREAS, after review and analysis of the costs of operating and maintaining the Town's water system, including completion of a water rate study and an analysis of capital needs, and in consideration of applicable CWCWD increases and increases in the costs of operating, maintaining and improving the Town's water system, the Board of Trustees determined that increases in the Town's water system rates, fees, tolls and charges were necessary; and

WHEREAS, the Town's current water tap fees and monthly water rates did not adequately provide for the capital needs and operations of the Town's water system; and

WHEREAS, the Board of Trustees thus desired to increase certain rates, fees, tolls and charges regarding the provision of Town water services and water usage; and

WHEREAS, the Town's determination of Native Water Dedication Credits pursuant to the Town's Native Water Dedication Policy includes storage and delivery system development costs which it seeks to recover through the enactment of storage and infrastructure investment fees; and

WHEREAS, upon completion of the determination of the Town's water capital needs and operational costs and storage and delivery system development costs the Town established water rates, fees, tolls, and charges and storage and investment fees which were set forth in Resolution NO. 21-199, which was adopted by the Board of Trustees on December 8, 2021; and

WHEREAS, to ensure that all such rates, fees, tolls and charges and storage and investment fees remain reasonably related to the Town's costs staff has examined all those set forth in Resolution NO. 21-199 and recommends but one amendment which is to increase the construction hydrant meter rental deposit from \$3,200.00 to \$4,200.00 per meter.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

Section 1. Water rates and charges. The following monthly rates and charges shall be imposed for water received from the Town of Firestone water system:

Meter Size	Residential Base Rate Charge	Non-Residential Base Rate Charge*	Water Included in Rate (Gallons)
5/8"	\$ 33.39	\$ 33.39	-0-
3/4"	51.19	51.19	-0-
1"	84.56	84.56	-0-
1-1/2"	166.88	166.88	-0-
2"	269.25	269.25	-0-
3"	-	502.89	-0-
6"	-	1,988.39	-0-

*Non-Residential accounts include Commercial, Industrial, Irrigation, Mobile Home Parks and Multi-Family

Water Charge Per 1,000 Gallons

Customer Type	Gallons	Rate
Commercial & Industrial	All usage	\$ 4.91
Irrigation Only	All usage	\$ 7.46
Mobile Home Parks	All usage	\$ 6.01
Multi-Family	All usage	\$ 4.90
Out –of-Town Rates	Base rates and gallon charges for any out-of-town service shall be two times the in-Town rates and charges.	

Water Charge Per 1,000 Gallons

Gallons	Rate
Residential	
0-5,000	\$ 3.16
5,001-20,000	\$ 5.57
20,001-40,000	\$ 8.91
Above 40,000	\$ 11.14

Section 2. Connection, Capital Investment and Repair Fees. The following connection and capital investment and repair fees shall be imposed, except that the Town of Firestone shall not be required to pay such connection fees for irrigation sprinkler systems for any public parks, rights-of-way, open space, or medians, or any facility developed, owned or paid for by the Town.

Meter Size	Total
5/8"	\$ 12,800
3/4"	\$ 19,200
1"	\$ 32,000
1-1/2"	\$ 66,000
2"	\$ 106,400

Connection and capital investment and repair fees as well as any other fees for taps requiring a meter larger than 2" shall be determined by the Board of Trustees on an individual basis considering such factors as type of use, contemplated volume demand for water, effect on the entire water system in the Town, connection and capital investment fees imposed by CWCWD, and all other factors relevant to the application. All taps requiring a meter larger than 2" and all taps applied for where the service requested is outside of the Town limits shall be by contract with the Board of Trustees. Out-of-town taps of 2" or less shall be charged fees at two times the amount of in-Town fees.

Section 3. Construction Hydrant Meter Rental Terms. The following fees shall be imposed for hydrant meters supplied by the Town for construction water use. A Hydrant Connection Permit must be obtained from the Town Clerk prior to any water being used from any fire hydrant. Such permit shall be valid for a period not to exceed 6 months.

Deposit	\$ 4,200.00 per meter
Administration Fee	\$ 25.00 per permit
Meter Rental	\$ 4.00 per day
Late Charge	\$ 5.00 per day
Water Usage Rate	\$ 4.91 per 1,000 gallons

Section 4. Meter & Yoke Fees. The following fees shall be imposed for Meter and Yoke assemblies installed by the Town for new service connections; such fees for taps requiring a meter larger than 2" shall be as set by contract with the Board of Trustees:

<u>Meter Tap Size</u>	<u>Administrative Fee</u>	<u>Meter & Yoke Cost</u>	<u>Total Meter & Yoke Fee</u>
5/8"	\$ 25.00	\$ 1,196.71	\$ 1,221.71
3/4"	25.00	1,275.59	1,300.59
1"	25.00	1,671.80	1,696.80
1-1/2" Commercial	25.00	4,399.70	4,424.70
1-1/2" Irrigation	25.00	3,331.90	3,356.90
2" Commercial	25.00	5,893.26	5,918.26
2" Irrigation	25.00	3,977.10	4,002.10

Section 5. Native Water Dedication Agreement Storage and Infrastructure Fees. The following fees shall be established for Native Water Dedication Agreements.

Ditch	Storage Multiplier	Storage Fee, per acre-foot of credit	Infrastructure Fee, per acre- foot of credit	Total Storage and Infrastructure Investment Fee, per acre-foot of credit
Lower Boulder Preferred	1.45	\$ 16,100	\$ 1,400	\$ 17,500
Lower Boulder Common	2.00	22,200.00	1,400.00	23,600
Coal Ridge	1.45	16,100.00	1,400.00	17,500
Godding	1.45	16,100.00	1,400.00	17,500
Rural	1.45	16,100.00	1,400.00	17,500

Last Chance	1.45	16,100.00	1,400.00	17,500
-------------	------	-----------	----------	--------

Section 6. This Resolution shall take effect on March 10, 2022 and upon such date all prior resolutions addressing the Town's water rates, fees, tolls and charges and storage and infrastructure investment fees set forth herein shall be repealed in their entirety.

INTRODUCED, READ AND ADOPTED this 9th day of March, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

Jessica Koenig, CMC, Town Clerk

APPROVED AS TO FORM:

William P. Hayashi, Town Attorney

AGENDA INFORMATION MEMORANDUM

FIRESTONE TOWN BOARD OF TRUSTEES



AIM#: 8.f

Discussion/Action

Meeting Date: March 9, 2022

Initiated By: Jessica Koenig

Dept: Board of Trustees

AGENDA TITLE

Resolution 22-39: A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING A FULL AND FINAL RELEASE AND SETTLEMENT AGREEMENT BY AND BETWEEN THE COMMITTEE SEEKING THE RECALL OF FIRESTONE TRUSTEES AND JESSICA KOENIG IN HER OFFICIAL CAPACITY AS THE TOWN CLERK OF THE TOWN OF FIRESTONE COLORADO

SUMMARY

Resolution 22-39 approves a full and final release and settlement agreement with the Committee Seeking the Recall of Firestone Trustees.

The Committee Seeking the Recall of the Firestone Trustees never filed a response to the Town's Motion to Dismiss but shortly after the expiration of the due date for their response, the Committee approached the Town's counsel with an offer of settlement.

Although the Board of Trustees adamantly believes there exists overwhelming evidence to uphold Ms. Koenig's Determination of Insufficiency, given that the Committee has significantly reduced their financial demand and because the settlement amount is significantly less than the cost of a trial and appeal and avoids the disruption to the Town Clerk's operations, which would be necessitated by a trial, the Board finds it is to the Town's benefit to bring this matter to a close.

HISTORY AND PREVIOUS BOARD ACTION

On August 23, 2021, the Committee Seeking the Recall of Firestone Trustees submitted recall petitions to the Town of Firestone's Town Clerk, Jessica Koenig.

Ms. Koenig reviewed the petitions and, on August 30, 2021, issued a Certificate of Insufficiency rejecting all of the petitions due to a defect of assembly in that they were all bound merely by paperclip and that some of the petitions contained signatures that post-dated the circulator's affidavit, which demonstrated that contrary to law the petitions had been disassembled.

After issuance of the Certificate of Insufficiency, Drew Peterson, Linda Haney, and Lou Ann Matthews submitted protests to the decision, and on September 8, 2021, Ms. Koenig, in accordance with C.R.S. 31-4-503(3)(b), issued a Notice of Protest Hearing to the Committee.

The hearing was held on September 20, 2021, and after consideration of all of the testimony and documentary evidence, Ms. Koenig on September 27, 2021, issued her decision which upheld her original Determination of Insufficiency. The primary reason for upholding her decision was that seventeen of the petitions circulated by Mr. Peterson had non-sequential signature dates (meaning that signature dates on a prior page of a petition which are required to be securely bound at all times would postdate a signature on the following page) which were compelling evidence that the petitions had been disassembled and thus separated from the circulator's affidavit and therefore invalid as a matter of law. Absent Mr. Peterson's seventeen petitions, the Committee did not have the required number of signatures to proceed with a recall of any of the members of the Board of Trustees

On October 25, 2021, the Committee initiated an action in Weld County District Court seeking to overturn Ms. Koenig's Determination of Insufficiency while also asserting that Ms. Koenig had violated the Committee's right to initiate a recall election and their rights of association, free speech and due process pursuant to 42 U.S.C. § 1983.

CIRSA the Town's insurer appointed counsel to represent the Town and Ms. Koenig and counsel removed the case to Federal District Court and, on the grounds that there was not a legal basis submitted a Motion to Dismiss the Committee's 42 U.S.C. § 1983 First Amendment Right of Free Speech and Right of Association claims and the Committee's 42. U.S.C. § 1983 Fourteenth Amendment Right to Due Process claim. Counsel decided to remove the case to Federal District Court based upon his experience, that given their experience and depth of knowledge, Federal Courts are a better forum for consideration of constitutional matters.

RECOMMENDATION

Approval of Resolution 22-39.

ALTERNATIVES

Provide staff with further direction.

ATTACHMENTS

1. 22-39 Recall Committee Settlement Agreement
2. Full & Final Release & Settlement Agreement

FINANCIAL CONSIDERATIONS

In consideration of settlement, the Town agrees to cause payment to be made, through its insurer, for a total amount of \$12,500.

RESOLUTION NO. 22-39

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO, APPROVING A FULL AND FINAL RELEASE AND SETTLEMENT AGREEMENT BY AND BETWEEN THE COMMITTEE SEEKING THE RECALL OF FIRESTONE TRUSTEES AND JESSICA KOENIG IN HER OFFICIAL CAPACITY AS THE TOWN CLERK OF THE TOWN OF FIRESTONE COLORADO

WHEREAS, On August 23, 2021, the Committee Seeking the Recall of Firestone Trustees (“Committee”) submitted recall petitions to the Town of Firestone’s Town Clerk, Jessica Koenig; and

WHEREAS, in accordance with C.R.S. 31-4-503, Ms. Koenig reviewed the petitions and, on August 30, 2021, issued a Certificate of Insufficiency rejecting all of the petitions due to a defect of assembly in that they were all bound merely by paperclip and that some of the petitions contained signatures that post-dated the circulator’s affidavit which demonstrated that contrary to law the petitions had been disassembled; and

WHEREAS, after issuance of the Certificate of Insufficiency, Drew Peterson, Linda Haney and Lou Ann Matthews submitted protests to the decision, and on September 8, 2021, Ms. Koenig in accordance with C.R.S. 31-4-503(3)(b) issued a Notice of Protest Hearing to the Committee; and

WHEREAS, the hearing was held on September 20, 2021, and after consideration of all of the testimony and documentary evidence, Ms. Koenig on September 27, 2021, issued her decision which upheld her original Determination of Insufficiency; and

WHEREAS, a primary reason for upholding her decision was that seventeen of the petitions circulated by Mr. Peterson had non-sequential signature dates (meaning that signature dates on a prior page of a petition which are required to be securely bound at all times would postdate a signature on a following page) which was compelling evidence that the petitions had been disassembled and thus separated from the circulator’s affidavit and therefore invalid as a matter of law; and

WHEREAS, Ms. Koenig further found that Mr. Peterson’s explanation for the non-sequential dates was simply not credible and exhibited a fundamental misunderstanding of not only what constituted a petition but also of the importance of ensuring petitions were not dissembled; and

WHEREAS, absent Mr. Peterson’s seventeen petitions, the Committee did not have the required number of signatures to proceed with a recall of any of the members of the Board of Trustees; and

WHEREAS, on October 25, 2021, the Committee initiated an action in Weld County District Court seeking to overturn Ms. Koenig’s Determination of Insufficiency while also

asserting that Ms. Koenig had violated the Committee's right to initiate a recall election and their rights of association, free speech and due process pursuant to 42 U.S.C. § 1983; and

WHEREAS, CIRSA the Town's insurer appointed counsel to represent the Town and Ms. Koenig and counsel removed the case to Federal District Court and on the grounds that there was not a legal basis submitted a Motion to Dismiss the Committee's 42 U.S.C. § 1983 First Amendment Right of Free Speech and Right of Association claims and the Committee's 42. U.S.C. § 1983 Fourteenth Amendment Right to Due Process claim; and

WHEREAS, Counsel decided to remove the case to Federal District Court based upon his experience that given their experience and depth of knowledge Federal Courts are a better forum for consideration of constitutional matters; and

WHEREAS, additionally, as a matter of law, even if the Committee prevailed on its challenge to overturn Ms. Koenig's Determination of Insufficiency absent prevailing on the constitutional claims, it could not recover its attorney fees; and

WHEREAS, the Committee never filed a response to the Town's Motion to Dismiss the constitutional claims but shortly after expiration of the due date for their response, the Committee approached the Town's counsel with an offer of settlement; and

WHEREAS, though the Board of Trustees adamantly believes there exists overwhelming evidence to uphold Ms. Koenig's Determination of Insufficiency, given that the Committee has significantly reduced their financial demand and because the settlement amount is significantly less than the cost of a trial and appeal and avoids the disruption to the Town Clerk's operations, which would be necessitated by a trial the Board finds it's to the Town's benefit to bring this matter to a close.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FIRESTONE, COLORADO:

The Full and Final Release and Settlement Agreement between the Committee Seeking the Recall of Firestone Trustees and Jessica Koenig in her official capacity as the Town Clerk of the Town of Firestone, Colorado Town of Firestone, is approved in substantially the same form as the copy attached hereto and made a part of this resolution, and the Mayor and the Town Clerk in her official capacity are directed to execute the Agreement on behalf of the Town.

INTRODUCED, READ, AND ADOPTED this ___ day of _____, 2022.

TOWN OF FIRESTONE, COLORADO

Bobbi Sindelar, Mayor

ATTEST:

APPROVED AS TO FORM:

Jessica Koenig, CMC, Town Clerk

William P. Hayashi, Town Attorney

FULL AND FINAL RELEASE AND SETTLEMENT AGREEMENT

This Full and Final Release and Settlement Agreement (“Agreement”) is made and entered into by and between the **COMMITTEE SEEKING THE RECALL OF FIRESTONE TRUSTEES** (“Plaintiff”) and **JESSICA KOENIG, in her official capacity as the Town Clerk of the Town of Firestone, Colorado** (“Koenig”).

WHEREAS Plaintiff and Koenig are the parties in a lawsuit pending in the United States District Court for the District of Colorado, Civil Action No. 21-cv-03069-CMA-KLM (“Lawsuit”), arising from Koenig’s rejection of several sections of a recall petition circulated by Plaintiff on grounds that the sections in question showed evidence of disassembly in violation of Colorado statutory requirements for municipal recall elections (“Dispute”).

WHEREAS the Lawsuit’s claims against Koenig in her official capacity is effectively a suit against the Town of Firestone (the Town).

WHEREAS Plaintiff and the Town desire to settle the Lawsuit, and to enter into various agreements related to the Lawsuit, the claims giving rise thereto, and all claims against Koenig related to the Dispute.

THEREFORE, in consideration of settlement, the Town agrees to cause payment to be made to Plaintiff, through its insurer, for a total amount of \$12,500, delivered to counsel for Plaintiff within ten business days from the execution of this Agreement.

Furthermore, Plaintiff, the Town, and Koenig understand and agree as follows:

1. Plaintiff, on behalf of itself and its members (including Linda Haney), protestors Drew Peterson and Lou Ann Matthews and its employees, agents, assigns and successors (“Releasers”) hereby releases, acquits, and forever discharges the Town and Koenig, and any and all other related persons and entities, both past and present, including current and former departments, divisions, insurers, principals, attorneys, agents, employees, employers, contractors, successors, elected officials, and officers, (collectively, “Released Parties”) of and from any and all liabilities, claims, insurance reimbursement or subrogation claims, demands, rights, controversies, agreements, damages, actions, causes of action, expenses, attorney fees, interest, compensation, judgment and any and all consequential and punitive damages, of whatsoever kind and nature, either in law or in equity, which might exist with regard to all claims giving rise or related to the Lawsuit or the Dispute.

2. Plaintiff and Koenig shall bear their own attorney’s fees and costs associated with the Lawsuit and Dispute. This Agreement is intended to and does release, acquit, and forever discharge all claims for attorney’s fees or other expenses which exist with respect to the Lawsuit and the Dispute.

3. Releasers and the Released Parties covenant and agree that they will not bring any action at law, proceeding in equity, administrative proceeding, or otherwise, nor prosecute or sue one another by way of complaint, counterclaim, or by any other manner at all, relating to the facts and claims asserted in the Lawsuit.

4. Releasors acknowledges that a portion of the consideration given for this Agreement is being given for the full and final release of any and all unknown losses, claims, injuries, costs, expenses, and damages which either may have occurred in the past and are not yet known, or which may occur in the future and are not presently known related to or arising from the Lawsuit or the Dispute. Releasors agree to voluntarily and knowingly assume the risk of any mistake of fact, either mutual or unilateral, with respect to said losses, claims, injuries, costs, expenses and damages, and shall not, under any circumstances, seek to present further claims himself or on behalf of their agents, attorneys, heirs, executors, administrators, insurers, successors, assigns, subrogees, subrogors, and lienholders related to or arising from the Lawsuit or the Dispute as against the persons and entities herein released.

5. Releasors represents and warrants that no other person or entity has, or has had, any interest in the claims, demands, obligations, and causes of action referred to in this Agreement, except as otherwise set forth herein; that it has the sole right and exclusive authority to execute this Agreement and receive the consideration specified in it; and they have not sold, assigned, transferred, subrogated, or otherwise disposed of any of the claims demands, obligations, or causes of action referred to in this Agreement. Releasors hereby agrees to fully indemnify and defend the Released Parties against any claims which might be brought by any person or entity asserting any such derivative right.

6. Upon execution of the Agreement, Plaintiff will take all steps necessary to dismiss, with prejudice, the Lawsuit. Specifically, Plaintiff will dismiss, with prejudice, all claims asserted against Koenig, each party to pay their own costs and attorney fees, pursuant to a Stipulated Motion to Dismiss prepared by counsel for Koenig.

7. All consideration given for this Agreement is in full settlement of and is a compromise of disputed claims and is not to be construed as an admission of liability on the part of the Released Parties; and that any and all liability is hereby expressly denied.

8. Releasors have not relied upon any representations, express or implied, made by Koenig or any of her representatives, as to the tax consequences of this Agreement and that Plaintiff releases the Released Parties from any and all liability in connection with any such tax consequences.

9. Plaintiff agrees to indemnify and hold the Released Parties harmless from any claims, demands, liens and/or lawsuits by the Internal Revenue Service, any other governmental agency, or any other creditor which may arise out of the consideration given for this Agreement.

10. No promise, inducement, or agreement not herein expressed has been made to Plaintiff, that this Agreement contains the entire terms of the agreement between Plaintiff and Koenig to settle the herein described dispute, that the terms are contractual and not a mere recital, and that this Agreement shall be construed according to the laws of the State of Colorado.

11. Every provision of this Agreement is intended to be severable unless otherwise noted. If any term or provision hereof is declared to be illegal or invalid for any reason whatsoever by a court of competent jurisdiction, such illegality or invalidity shall not affect the balance of the terms and provisions hereof, which terms and provisions shall remain binding and enforceable.

12. Plaintiff and Koenig have fully and carefully read this Agreement, have consulted legal counsel, understand the contents thereof, and sign the same of their own volition.

13. This Agreement may be executed in two or more counterparts and shall be fully effective when executed by all Parties. This Agreement may also be executed on multiple copies via facsimile and shall be effective as if all signatures were affixed to one copy.

14. An electronically stored executed copy of this Agreement has the same force and effect as the original.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK.]

**COMMITTEE SEEKING THE
RECALL OF FIRESTONE TRUSTEES**

DATE

TITLE

**JESSICA KOENIG, in her official
capacity as the Town Clerk of the Town
of Firestone, Colorado**

DATE

TOWN OF FIRESTONE

DATE
APPROVED AS TO FORM:

by Bobbi Sindelar, Mayor Town of Firestone

Counsel for Plaintiff:

Scott E. Gessler

Counsel for Koenig and Firestone:

Josh A. Marks

FIRESTONE PLANNING AND ZONING COMMISSION

RESOLUTION NO. PC 22-05

**A RESOLUTION RECOMMENDING APPROVAL OF A PRELIMINARY
SUBDIVISION PLAT FOR CERTAIN REAL PROPERTY LOCATED
WITHIN THE BAREFOOT LAKES SUBDIVISION**

WHEREAS, Barefoot, LLC ("Applicant"), as owner of certain real property located within the Barefoot Lakes subdivision (the "Property"), has submitted a proposed preliminary subdivision plat for the Property (the "Application"); and

WHEREAS, after a duly-noticed public hearing, at which evidence and testimony were entered into the record, the Planning and Zoning Commission finds and determines that the Application is complete, and that the Applicant has met the applicable requirements and standards set forth in the Firestone Municipal Code and Firestone Development Code; and

WHEREAS, the Planning and Zoning Commission wishes to make a recommendation to the Board of Trustees regarding the Application.

NOW, THEREFORE, BE IT RESOLVED BY THE PLANNING AND ZONING COMMISSION OF THE TOWN OF FIRESTONE, COLORADO:

Section 1. The Town of Firestone Planning and Zoning Commission hereby recommends approval of the Preliminary Plat of Barefoot Lakes Filing 6 attached hereto as Exhibit A and incorporated herein by this reference, subject to and contingent upon compliance with the following conditions:

1. All remaining technical corrections to the Barefoot Lakes Filing No. 6 preliminary plat and construction drawings requested by Town staff shall be made to the Town staff's satisfaction.
2. At the Final Plat stage, the Town and the Applicant execute a subdivision agreement, in a form to be approved by the Town Attorney.

PASSED AND ADOPTED this 17th day of February, 2022.

ATTEST:

Lisa Bartley
Lisa Bartley, Secretary



[Signature]
Chairperson

EXHIBIT A

Preliminary Plat of Barefoot Lakes Filing 6

BAREFOOT LAKES FILING NO. 6

PRELIMINARY PLAT

THE NORTHEAST QUARTER OF SECTION 36,
TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN
TOWN OF FIRESTONE, COUNTY OF WELD, STATE OF COLORADO.
82.578 ACRES - 190 LOTS/9 TRACTS
PP 21-017

CONTACT LIST

OWNER/DEVELOPER
BAREFOOT, LLC.
6465 S. GREENWOOD PLAZA BLVD #700
CENTENNIAL, COLORADO 80111
TEL: (303) 790-6593
CONTACT: JUSTIN WELLS
EMAIL: JUSTIN.WELLS@BROOKFIELDPROPERTIESDEVELOPMENT.COM

ST. VRAIN LAKES METRO DISTRICT 1
6465 S. GREENWOOD PLAZA BLVD #700
CENTENNIAL, COLORADO 80111
TEL: (303) 790-6604
CONTACT: CHRIS BREMNER
EMAIL: CHRIS.BREMNER@BROOKFIELDPROPERTIESDEVELOPMENT.COM

CIVIL ENGINEER
REDLAND
1500 WEST CANAL COURT
LITTLETON, COLORADO 80120
TEL: (720) 283-6783
CONTACT: EVAN RUMNEY, P.E.
EMAIL: ERUMNEY@REDLAND.COM

LANDSCAPE ARCHITECT
DESIGN WORKSHOP
1380 LAWRENCE STREET, SUITE 200
DENVER, COLORADO 80204-2046
TEL: (303) 623-5166
FAX: (303) 623-2260
CONTACT: JAKE SIPPY
EMAIL: JSIPPY@DESIGNWORKSHOP.COM

AGENCY LIST

ERO RESOURCES CORP.
1842 CLARKSON ST.
DENVER, CO 80218
TEL: (303) 830-1188
FAX: (303) 830-1199
ATTN: DENISE LARSON

UNITED POWER
500 COOPERATIVE WAY
BRIGHTON, CO 80603
TEL: (303) 837-1252
ATTN: BRYCE LANKRIET

BLACK HILLS ENERGY
3766 EUREKA WAY, SUITE 1
FREDERICK, CO 80516
(719) 332-5656
ATTN: BOB SWALEK

KERR MCGEE OIL AND GAS ONSHORE LP
1999 BROADWAY
SUITE 3700
DENVER, COLORADO 80202
PHONE: 720-929-4371
ATTN: JOSEPH KEMOCK

TOWN OF FIRESTONE
9950 PARK AVENUE
FIRESTONE, CO 80504
PHONE: 970-278-0029, EXT. 108
ATTN: MATT WIEDERSPAHN

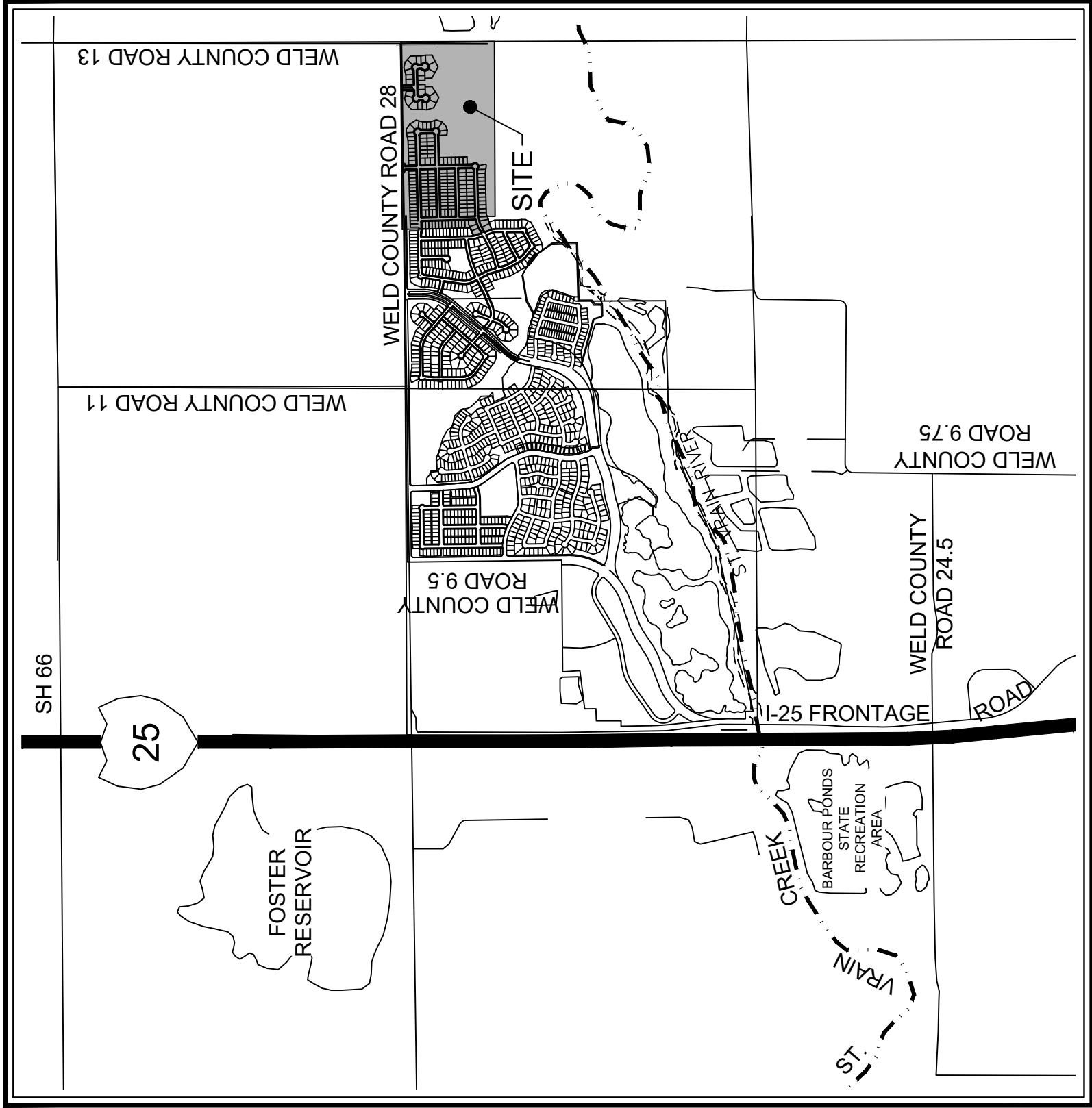
COLORADO STATE DEPARTMENT OF PUBLIC HEALTH & ENVIRONMENT
4210 EAST 11TH AVENUE
DENVER, COLORADO 80222
(303) 761-1340
ATTN: GLEN BODNAR

UTILITY NOTIFICATION CENTER OF COLORADO
2801 SOUTH YOUNGFIELD STREET, SUITE 301
ENGLEWOOD, CO 80112
(800)-922-1987

FREDERICK-FIRESTONE FIRE PROTECTION DISTRICT
8426 KOSMERL PLACE
FREDERICK, CO 80504
(303) 833-2742

ST. VRAIN SANITATION DISTRICT
11307 BUSINESS PARK CIRCLE
LONGMONT, CO 80504
(303) 776-9570
ATTN: DAVE CROSS

LITTLE THOMPSON WATER DISTRICT
835 E. STATE HIGHWAY 56
BERTHOUD, CO 80513
970-532-2096
ATTN: AMBER KAUFFMAN



VICINITY MAP

1" = 2000'

LAND SUMMARY CHART			
TYPE	AREA (AC)	% OF TOTAL AREA	
RESIDENTIAL LOTS	32.09	38.86%	
TRACTS	39.36	47.66%	
OPEN SPACE	23.89	28.93%	
PARKS	6.51	7.88%	
OTHER	8.96	10.85%	
PUBLIC R.O.W.	11.13	13.48%	
TOTAL	82.58	100.00%	

TRACT SUMMARY CHART				
TRACT	AREA (AC)	USE	OWNERSHIP	MAINTENANCE
TRACT A	1.55	LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT B	0.89	LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT C	6.47	DRAINAGE/OPEN SPACE/PARK	SVLMD	SVLMD
TRACT D	3.74	DETENTION/DRAINAGE	SVLMD	SVLMD
TRACT E	0.98	DRAINAGE/LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT F	23.97	DRAINAGE/FLOODPLAIN/OPEN SPACE	SVLMD	SVLMD
TRACT G	0.42	LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT H	0.98	LANDSCAPE BUFFER	SVLMD	SVLMD
TRACT I	0.76	DETENTION/DRAINAGE	SVLMD	SVLMD
TOTAL TRACTS	39.36	DETENTION/DRAINAGE/FLOODPLAIN/ LANDSCAPE BUFFER/OPEN SPACE/PARK	SVLMD	SVLMD

SHEET LIST INDEX	
SHEET NO.	DESCRIPTION
C1.0	COVER SHEET
C4.0	PRELIMINARY PLAT
C4.1	PRELIMINARY PLAT
C4.2	PRELIMINARY PLAT
C4.3	PRELIMINARY PLAT
C4.4	PRELIMINARY PLAT
C4.5	PRELIMINARY PLAT

LEGAL DESCRIPTION

ALL OF LOT 21, BLOCK 1, LOTS 1 AND 14, BLOCK 4 AND TRACT B, BAREFOOT LAKES FILING NO. 5 AS RECORDED ON NOVEMBER 17, 2020 UNDER RECEPTION NO. J651760 OF THE RECORDS OF THE WELD COUNTY, COLORADO CLERK AND RECORDER, SITUATED IN THE NORTHWEST QUARTER OF SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN, TOWN OF FIRESTONE, COUNTY OF WELD, STATE OF COLORADO, TOGETHER WITH THE FOLLOWING UNPLATTED PARCEL OF LAND,

SITUATED IN THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, TOWN OF FIRESTONE, COUNTY OF WELD, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 36; WHENCE THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 36 BEARS NORTH 88°30'51" EAST, A DISTANCE OF 2,634.08 FEET WITH ALL BEARINGS REFERENCED HEREIN RELATIVE THERE TO.

THENCE ALONG THE WEST LINE OF THE NORTH HALF OF THE NORTHEAST QUARTER OF SAID SECTION 36, SOUTH 00°19'03" EAST, A DISTANCE OF 55.00 FEET TO THE SOUTHERLY RIGHT-OF-WAY OF RONALD REAGAN BOULEVARD AND THE **POINT OF BEGINNING**;

THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT-OF-WAY, NORTH 88°30'51" EAST, A DISTANCE OF 1816.61 FEET TO THE WESTERLY RIGHT-OF-WAY OF COLORADO BOULEVARD (COUNTY ROAD 13);

THENCE DEPARTING SAID SOUTHERLY RIGHT-OF-WAY, ALONG SAID WESTERLY RIGHT-OF-WAY SOUTH 00°14'19" EAST, A DISTANCE OF 1270.57 FEET TO THE SOUTH LINE OF NORTH HALF OF THE NORTHEAST QUARTER OF SAID SECTION 36;

THENCE ALONG SAID SOUTH LINE, SOUTH 88°29'41" WEST, A DISTANCE OF 2602.26 FEET TO THE EAST LINE OF THE NORTH HALF OF THE NORTHEAST QUARTER OF SAID SECTION 36;

THENCE ALONG SAID EAST LINE, NORTH 00°19'03" WEST, A DISTANCE OF 1271.41 FEET TO THE **POINT OF BEGINNING**;

BOTH PARCELS CONTAINING A COMBINED AREA OF 82.578 ACRES (3,597,097 SQUARE FEET), MORE OR LESS.

BASIS OF BEARINGS:

BEARINGS ARE BASED ON THE NORTH LINE OF THE SIXTH PRINCIPAL MERIDIAN, TOWNSHIP 3 NORTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, ASSUMED TO BEAR NORTH 88°30'51" EAST, 2634.08 FEET AND MONUMENTED AS SHOWN HEREON.

BENCHMARK DESCRIPTION

3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11.34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE.

ELEVATION = 4953.57 NAVD88.

SHEET

C1.0

BAREFOOT LAKES FILING NO. 6
PRELIMINARY PLAT

Redland
WHERE GREAT PLACES BEGIN
750, 783, 6793 Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM



SHEET

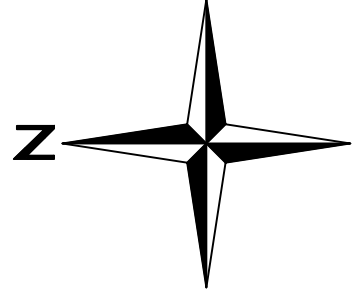
C4.0

BAREFOOT LAKES FILING NO. 6
PRELIMINARY PLAT

DATE	NO.	NOTES
08/09/2021	1	1ST SUBMITTAL
10/23/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

DRAWN	JL
CHECKED	EBR
APPROVED	EBR
PROJECT NO.	08001.25
HORIZ. SCALE	1" = 100'
VERT. SCALE	NA

Redland
WHERE GREAT PLACES BEGIN
720.283.6793 Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM



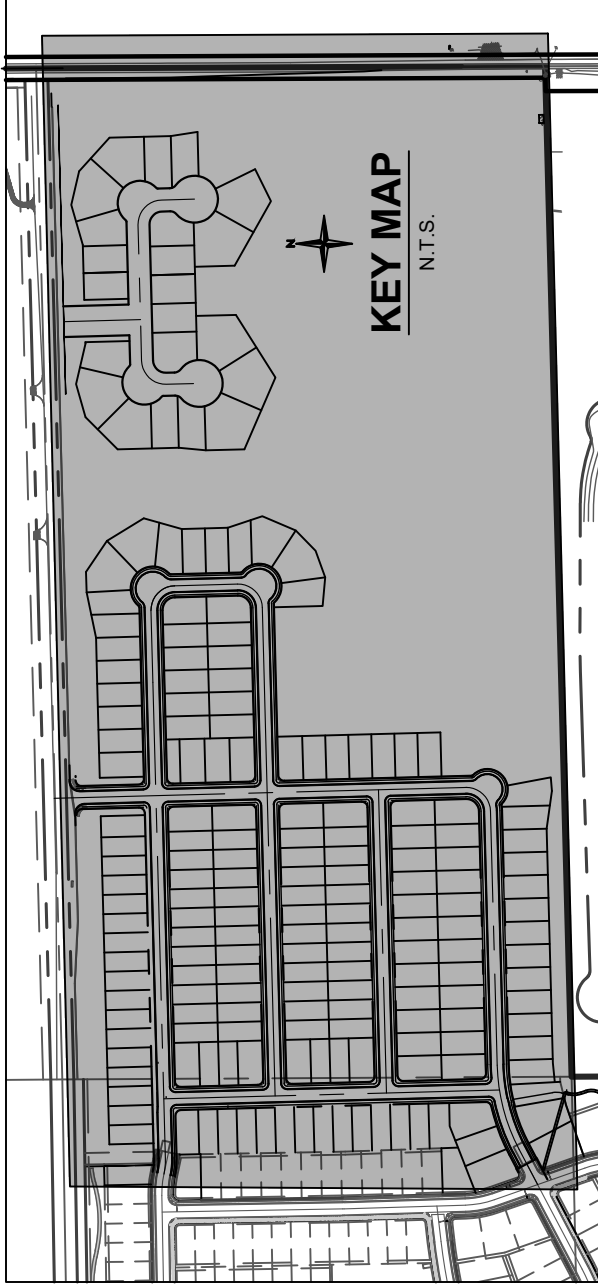
Know what's below.
Call before you dig.

811

SCALE: 1" = 100'

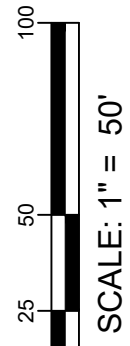
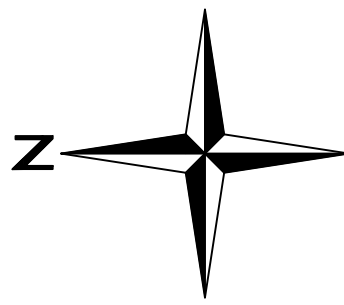
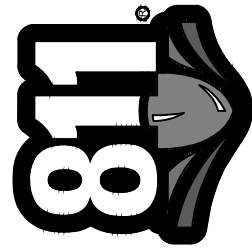
0 50 100 200

BENCHMARK: 3 1/2" BRASS CAP IN CONCRETE STAMPED "P 329 1951" AT NORTHEAST CORNER OF HIGHWAY 66 AND WELD COUNTY ROAD 11, 34 FEET NORTH OF CENTERLINE OF HIGHWAY 66 AND 3 FEET EAST OF POWER POLE.
ELEVATION = 4953.57 NAVD88.



SHEET

Know what's below.
Call before you dig.

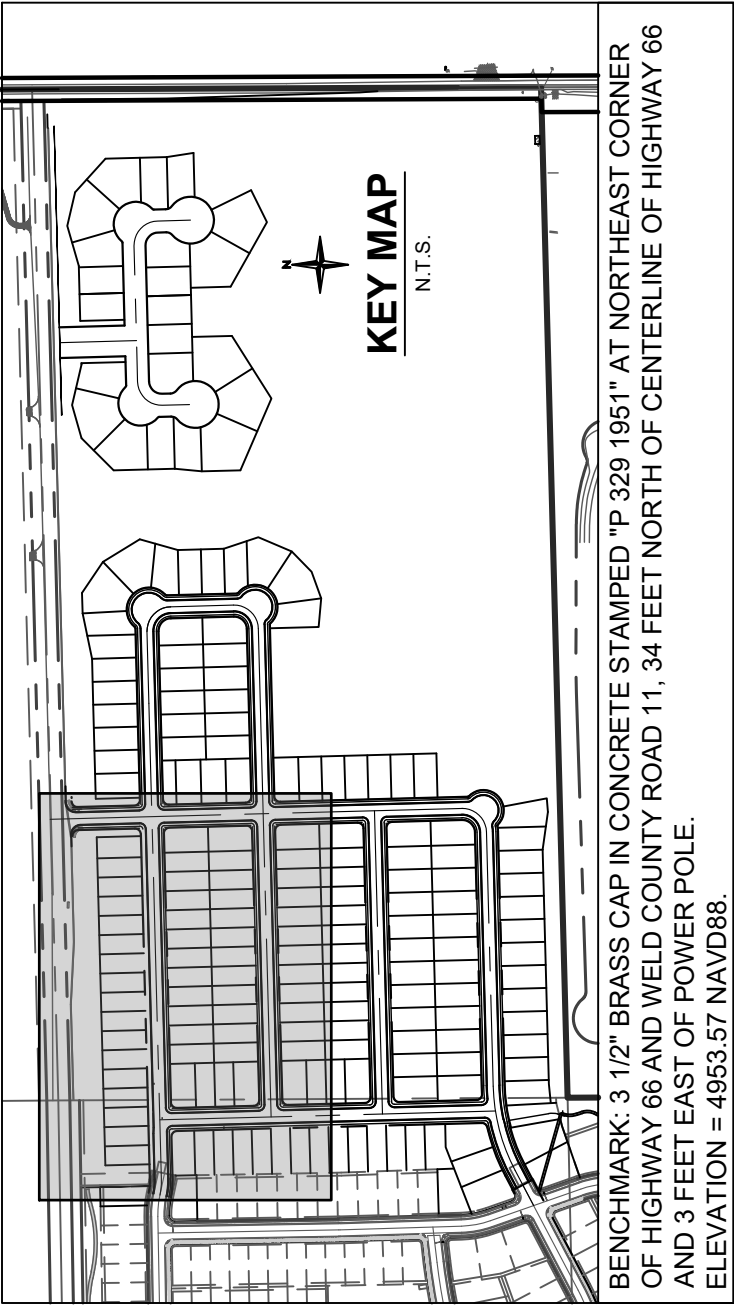


C4.1

BAREFOOT LAKES FILING NO. 6 PRELIMINARY PLAT

NO	DATE	NOTES
1	08/09/2021	1ST SUBMITTAL
2	10/22/2021	2ND SUBMITTAL
3	01/14/2022	3RD SUBMITTAL

DRAWN	LL
CHECKED	EBR
APPROVED	EBR
PROJECT NO.	08001.25
HORIZ. SCALE	1" = 50'
VERT. SCALE	NA

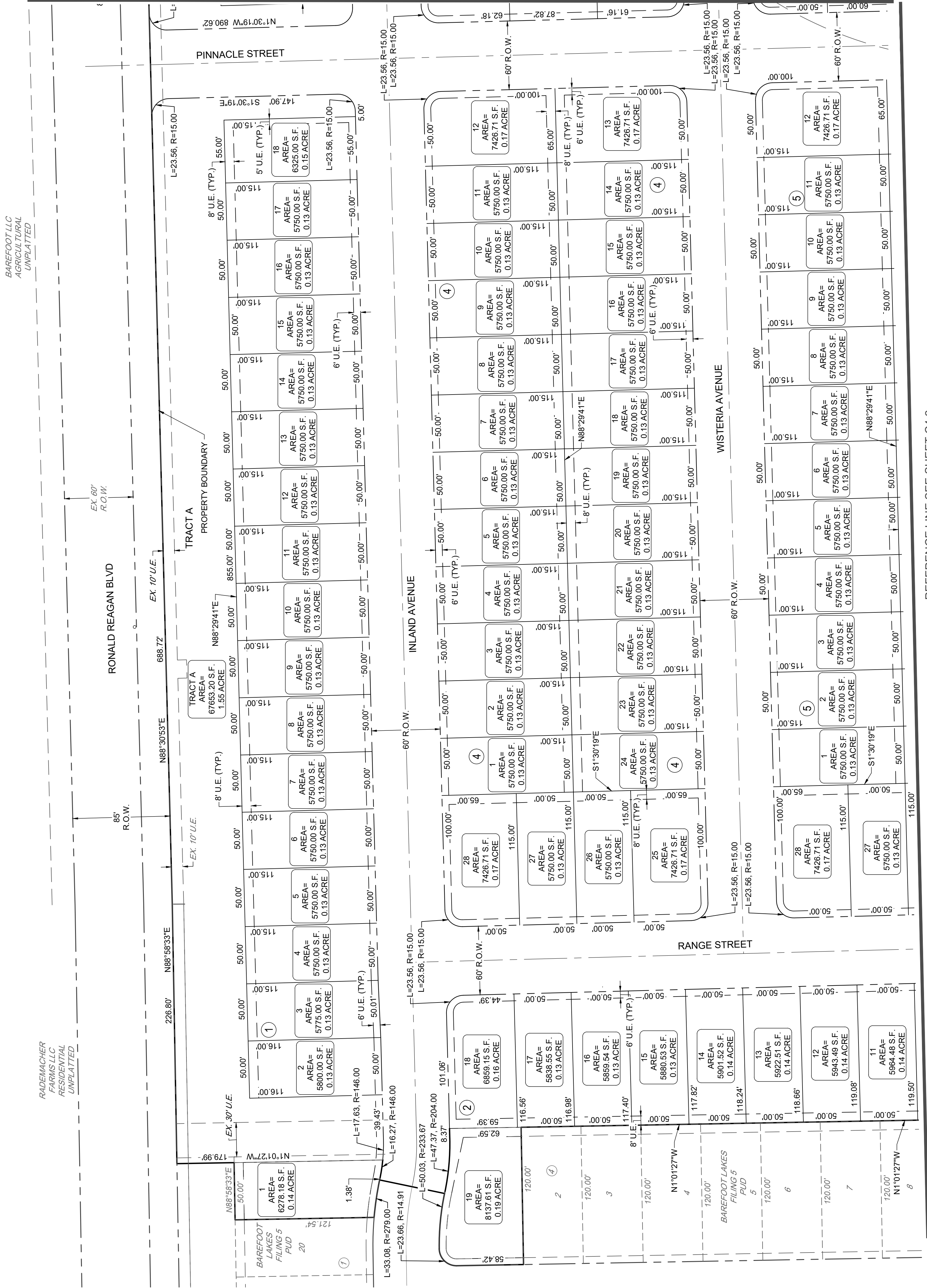


EXISTING LEGEND

- EXISTING PROPERTY LINE
- EXISTING R.O.W.
- EXISTING LOT LINE
- EXISTING EASEMENT
- SECTION LINE
- ROAD CENTERLINE
- EDGE OF PAVEMENT
- CONCRETE
- EXISTING FLOOD PLAIN
- EXISTING WETLANDS
- EXISTING OIL AND GAS WELL
- EXISTING OIL AND GAS ABOVE GROUND EQUIPMENT

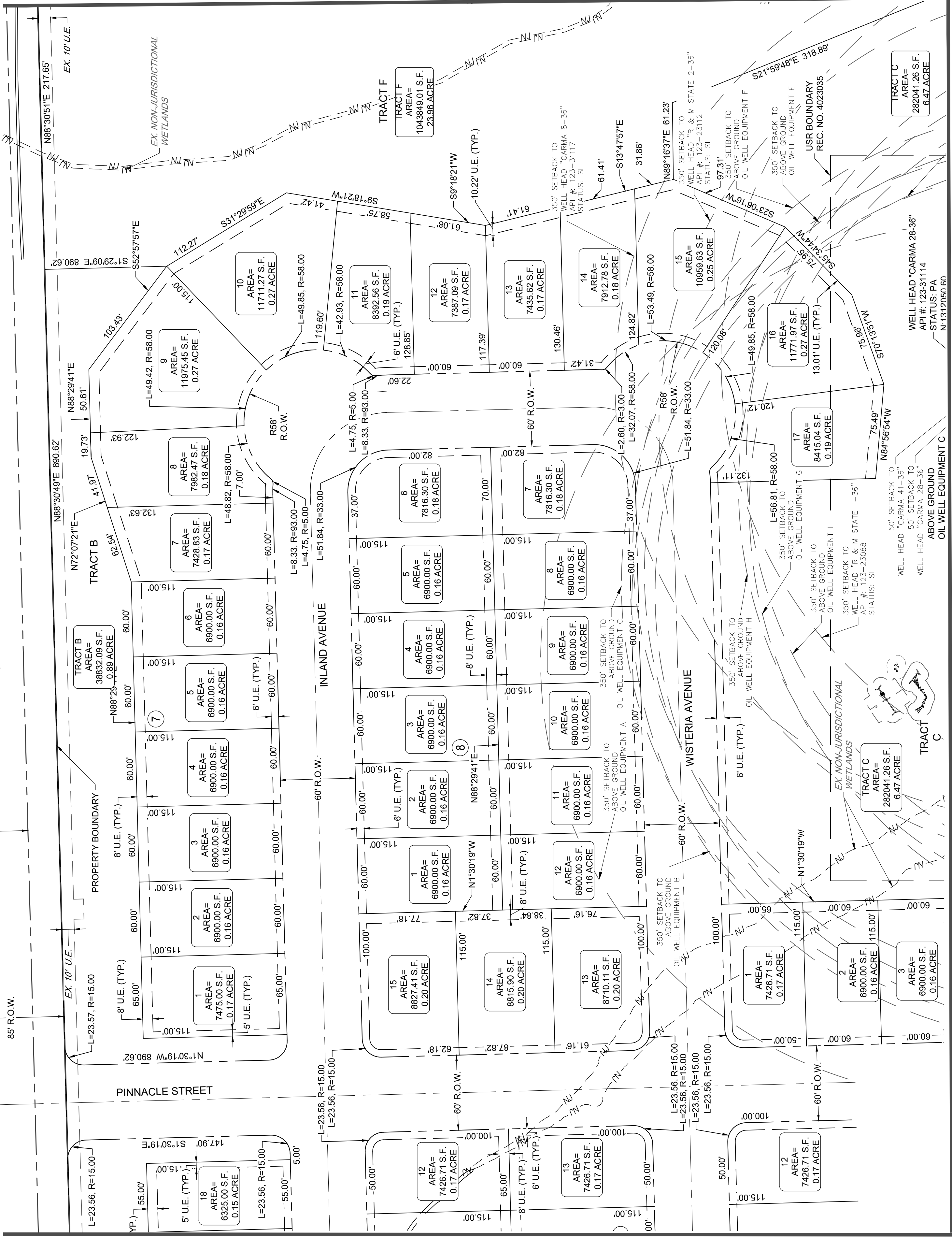
PROPOSED LEGEND

- PROPOSED PROPERTY LINE
- PROPOSED R.O.W.
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- PROPOSED ROAD CENTERLINE

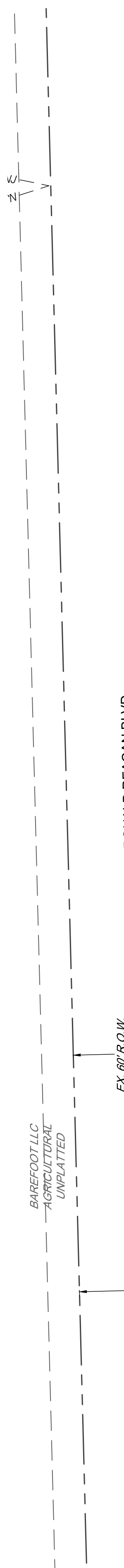


REFERENCE LINE SEE SHEET C4.2

REFERENCE LINE SEE SHEET C4.5

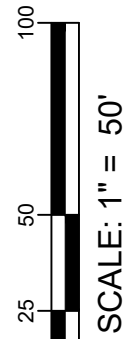
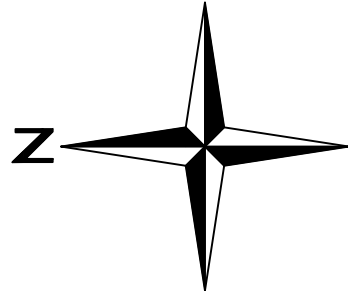


REFERENCE LINE SEE SHEET C4.1



SHEET

Know what's below.
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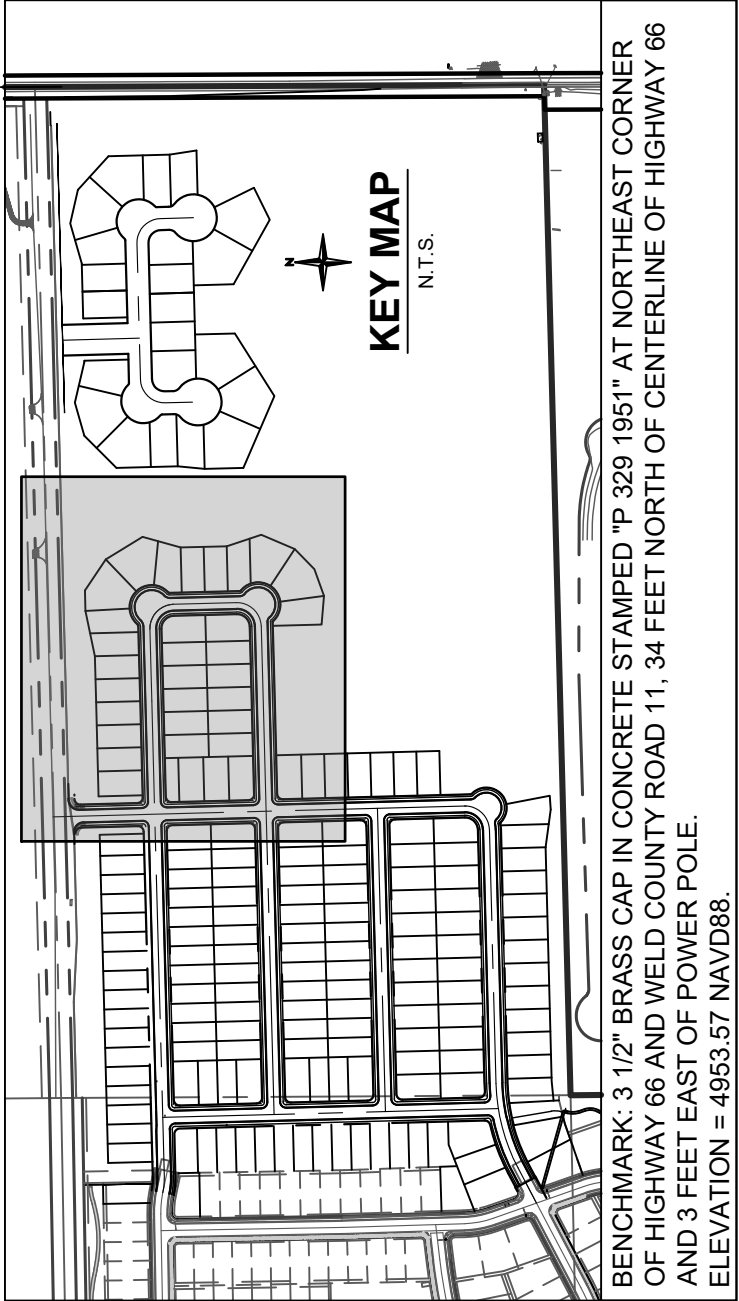
C4.3

BAREFOOT LAKES FILING NO. 6 PRELIMINARY PLAT

DATE	NO	NOTES
08/09/2021	1	1ST SUBMITTAL
10/22/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

DRAWN	CHECKED	APPROVED	PROJECT NO	HORIZ SCALE	VERT SCALE
JA	ERB	ERB	0800125	1" = 50'	NA

- EXISTING LEGEND**
 - EXISTING PROPERTY LINE
 - EXISTING R.O.W.
 - EXISTING LOT LINE
 - EXISTING EASEMENT
 - SECTION LINE
 - ROAD CENTERLINE
 - EDGE OF PAVEMENT
 - CONCRETE
 - EXISTING FLOOD PLAIN
 - EXISTING WETLANDS
 - EXISTING OIL AND GAS WELL
 - EXISTING OIL AND GAS ABOVE GROUND EQUIPMENT
- PROPOSED LEGEND**
 - PROPOSED PROPERTY LINE
 - PROPOSED R.O.W.
 - PROPOSED LOT LINE
 - PROPOSED EASEMENT
 - PROPOSED ROAD CENTERLINE



Redland
WHERE GREAT PLACES BEGIN
750.283.6793 Office
1500 West Canal Court
Littleton, Colorado 80120
REDLAND.COM

PRELIMINARY PLAT

DATE	NO.	NOTES
08/09/2021	1	1ST SUBMITTAL
10/22/2021	2	2ND SUBMITTAL
01/14/2022	3	3RD SUBMITTAL

VERT. SCALE	NA
HORZ. SCALE	1" =
PROJECT NO.	0800
APPROVED	EBR
CHECKED	EBR
DRAWN	JL



Redland



SCALE: 1" = 50'



REFERENCE LINE SEE SHEET C4.5

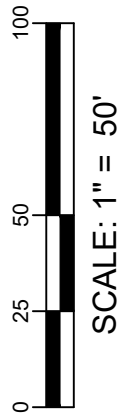
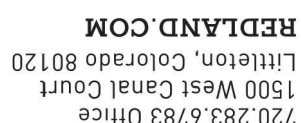
[illegible]

PROPOSED PROPERTY LINE
PROPOSED R.O.W.
PROPOSED LOT LINE
PROPOSED EASEMENT
PROPOSED ROAD CENTERLINE

PRELIMINARY PLAT

NOTES3

Redland



**Know what's below.
Call before you dig.**

PROPOSED LEGEND

EXISTING LEGEND



REFERENCE LINE SEE SHEET C4.2

HAWK

High-Intensity **A**ctivated Crosswalk



How to use a **HAWK**

DRIVER INSTRUCTIONS



Proceed
with caution



Slow Down
Pedestrian has activated
the push button



Prepare to
Stop



STOP!
Pedestrians in crosswalk



FLASHING



STOP!
Proceed with caution if
crosswalk is clear



Proceed
if crosswalk is clear

PEDESTRIAN INSTRUCTIONS



Push Button
to activate system



Don't Cross



Don't Cross



**Start
Crossing**
watch for vehicles



FLASHING

**Finish
Crossing**



Push Button
to activate system