

### <u>TOWN OF PAONIA</u> FRIDAY, APRIL 30, 2021 Planning Commission Meeting Agenda 1:00 PM

### IN-PERSON MEETING AT 214 GRAND AVENUE COMMUNITY ROOM

APPROPRIATE FACE COVERINGS ARE REQUIRED WHILE INSIDE THE BUILDING

### Roll Call

### **Approval of Agenda**

### New Business

- 1. Regular Minutes February 18, 2021 Work Session & April 16, 2021
- 2. Appointment of New Commission Chair
- 3. Mattingly Clark's End Variance Application
- 4. Ordinance -TBD Accessory Dwelling Units

### **Adjournment**

### AS ADOPTED BY: TOWN OF PAONIA, COLORADO RESOLUTION NO. 2017-10 – Amended May 22, 2018

### I. RULES OF PROCEDURE

Section 1. Schedule of Meetings. Regular Board of Trustees meetings shall be held on the second and fourth Tuesdays of each month, except on legal holidays, or as re-scheduled or amended and posted on the agenda prior to the scheduled meeting.

Section 2. Officiating Officer. The meetings of the Board of Trustees shall be conducted by the Mayor or, in the Mayor's absence, the Mayor Pro-Tem. The Town Clerk or a designee of the Board shall record the minutes of the meetings.

Section 3. Time of Meetings. Regular meetings of the Board of Trustees shall begin at 6:30 p.m. or as scheduled and posted on the agenda. Board Members shall be called to order by the Mayor. The meetings shall open with the presiding officer leading the Board in the Pledge of Allegiance. The Town Clerk shall then proceed to call the roll, note the absences and announce whether a quorum is present. Regular Meetings are scheduled for three hours, and shall be adjourned at 9:30 p.m., unless a majority of the Board votes in the affirmative to extend the meeting, by a specific amount of time.

Section 4. Schedule of Business. If a quorum is present, the Board of Trustees shall proceed with the business before it, which shall be conducted in the following manner. Note that all provided times are estimated:

- (a) Roll Call (5 minutes)
- (b) Approval of Agenda (5 minutes)
- (c) Announcements (5 minutes)
- (d) Recognition of Visitors and Guests (10 minutes)
- (e) Consent Agenda including Approval of Prior Meeting Minutes (10 minutes)
- (f) Mayor's Report (10 minutes)
- (g) Staff Reports: (15 minutes)
  - (1) Town Administrator's Report
  - (2) Public Works Reports
  - (3) Police Report
  - (4) Treasurer Report
- (h) Unfinished Business (45 minutes)
- (i) New Business (45 minutes)
- (j) Disbursements (15 minutes)
- (k) Committee Reports (15 minutes)
- (l) Adjournment

\* This schedule of business is subject to change and amendment.

Section 5. Priority and Order of Business. Questions relative to the priority of business and order shall be decided by the Mayor without debate, subject in all cases to an appeal to the Board of Trustees.

Section 6. Conduct of Board Members. Town Board Members shall treat other Board Members and the public in a civil and polite manner and shall comply with the Standards of Conduct for Elected Officials of the Town. Board Members shall address Town Staff and the Mayor by his/her title, other Board Members by the title of Trustee or the appropriate honorific (i.e.: Mr., Mrs. or Ms.), and members of the public by the appropriate honorific. Subject to the Mayor's discretion, Board Members shall be limited to speaking two times when debating an item on the agenda. Making a motion, asking a question or making a suggestion are not counted as speaking in a debate.

Section 7. Presentations to the Board. Items on the agenda presented by individuals, businesses or other organizations shall be given up to 5 minutes to make a presentation. On certain issues, presenters may be given more time, as determined by the Mayor and Town Staff. After the presentation, Trustees shall be given the opportunity to ask questions.

Section 8. Public Comment. After discussion of an agenda item by the Board of Trustees has concluded, the Mayor shall open the floor for comment from members of the public, who shall be allowed the opportunity to comment or ask questions on the agenda item. Each member of the public wishing to address the Town Board shall be recognized by the presiding officer before speaking. Members of the public shall speak from the podium, stating their name, the address of their residence and any group they are representing prior to making comment or asking a question. Comments shall be directed to the Mayor or presiding officer, not to an individual Trustee or Town employee. Comments or questions should be confined to the agenda item or issue(s) under discussion. The speaker should offer factual information and refrain from obscene language and personal attacks. Section 9. Unacceptable Behavior. Disruptive behavior shall result in expulsion from the meeting.

Section 10. Posting of Rules of Procedure for Paonia Board of Trustees Meetings. These rules of procedure shall be provided in the Town Hall meeting room for each Board of Trustees meeting so that all attendees know how the meeting will be conducted.

### **II. CONSENT AGENDA**

Section 1. Use of Consent Agenda. The Mayor, working with Town Staff, shall place items on the Consent Agenda. By using a Consent Agenda, the Board has consented to the consideration of certain items as a group under one motion. Should a Consent Agenda be used at a meeting, an appropriate amount of discussion time will be allowed to review any item upon request. Section 2. General Guidelines. Items for consent are those which usually do not require discussion or explanation prior to action by the Board, are non-controversial and/or similar in content, or are those items which have already been discussed or explained and do not require further discussion or explanation. Such agenda items may include ministerial tasks such as, but not limited to, approval of previous meeting minutes, approval of staff reports, addressing routine correspondence, approval of liquor licenses renewals and approval or extension of other Town licenses. Minor changes in the minutes such as non-material Scribner errors may be made without removing the minutes from the Consent Agenda. Should any Trustee feel there is a material error in the minutes, they should request the minutes be removed from the Consent Agenda for Board discussion.

Section 3. Removal of Item from Consent Agenda. One or more items may be removed from the Consent Agenda by a timely request of any Trustee. A request is timely if made prior to the vote on the Consent Agenda. The request does not require a second or a vote by the Board. An item removed from the Consent Agenda will then be discussed and acted on separately either immediately following the consideration of the Consent Agenda or placed later on the agenda, at the discretion of the Board.

### **III. EXECUTIVE SESSION**

Section 1. An executive session may only be called at a regular or special Board meeting where official action may be taken by the Board, not at a work session of the Board. To convene an executive session, the Board shall announce to the public in the open meeting the topic to be discussed in the executive session, including specific citation to the statute authorizing the Board to meet in an executive session and identifying the particular matter to be discussed "in as much detail as possible without compromising the purpose for which the executive session is authorized." In the even the Board plans to discuss more than one of the authorized topics in the executive session, each should be announced, cited and described. Following the announcement of the intent to convene an executive session, a motion must then be made and seconded. In order to go into executive session, there must be the affirmative vote of two thirds (2/3) of Members of the Board.

Section 2. During executive session, minutes or notes of the deliberations should not be taken. Since meeting minutes are subject to inspection under the Colorado Open Records Act, the keeping of minutes would defeat the private nature of executive session. In addition, the deliberations carried out during executive session should not be discussed outside of that session or with individuals not participating in the session. The contexts of an executive session are to remain confidential unless a majority of the Trustees vote to disclose the contents of the executive session.

Section 3. Once the deliberations have taken place in executive session, the Board should reconvene in regular session to take any formal action decided upon during the executive session. If you have questions regarding the wording of the motion or whether any other information should be disclosed on the record, it is essential for you to consult with the Town Attorney on these matters.

### **IV. SUBJECT TO AMENDMENT**

Section 1. Deviations. The Board may deviate from the procedures set forth in this Resolution, if, in its sole discretion, such deviation is necessary under the circumstances.

Section 2. Amendment. The Board may amend these Rules of Procedures Policy from time to time.

	Regular Minutes – Februa	ry 18, 2021 Work Session &	& April 16, 2021
The Town of			
The Town of Paonia			
raoma			
Summary:			
Vote:	Barb Heck:	Karen Budinger:	Monica Foguth:
Lucy Hunter:	Mary Bachran:		

### Minutes <u>Town Board, Planning & Zoning Work Session</u> Town of Paonia, Colorado February 18, 2021

### **RECORD OF PROCEEDINGS**

The Special Meeting held Thursday, February 18, 2021, was called to order at 4:13 PM by Mayor Mary Bachran, followed by the Pledge of Allegiance.

Trustees present were as follows: Mayor Bachran Trustee Budinger Trustee Knutson Trustee Meck Trustee Pattison Town Commissioners were as follows Chairperson Heck-Planning & Zoning Commissioner Hunter-Planning Commissioner Foguth-Planning Commissioner Markle-Zoning

Town Staff present were as follows: Administrator/Town Clerk Corinne Ferguson Deputy Clerk Amanda Mojarro Building Inspector Dan Reardon

A quorum was present, and Mayor Bachran proceeded with the meeting.

### Town Board, Planning & Zoning Work Session:

Town Board, Planning & Zoning Work Session preceded with discussion and review of the proposed Municipal Building Code on Chapter 18 update:

Board & Staff discussion points:

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- Building Inspector Dan Reardon's made his suggestions and recommendations and explained each of the appendixes that were in the summary notes.
- Planning Commission Chairperson Barb Heck suggested adding language that would prevent foul language on political signs. Trustee Budinger suggested amending the period political sign can go up and come down.
  - Adding a definition of what temporary signs are.
  - Admin/Town Clerk will check with Town Attorney regarding political signs.
  - Discussion and all who attended were in favor of having a Board of Appeals.
    - Admin/Town Clerk Ferguson stated that the Town Attorney is drafting language for a Board of Appeals.
- Discussion ensued about updating Chapter 18 Article 7.
- Discussion and suggestion from Trustee Pattison to clarify the language and set the fee by resolution under (6) section 105.2 number 9 regarding fees, and suggested donating a copy of the Municipal Town code to the Paonia Public Library
- Discussion and suggestion to changing the language under Section 18-20-20 first paragraph which read <u>during regular office hours</u> and change it to read <u>during Town office hours</u> and have it consistent throughout the code.
- Suggestion to adopting the IRC which is regulating single-family and duplex developments and the IBC which is regulating commercial buildings.
- Discussed and suggestions were to look into sections 18,12, and 10 further.
- Section 7,8 and 9 are more specific towards the building area.
- Building Inspector Reardon suggested adding a caveat to the section where it talks about the foundation of the structure stating that an engineer is required for the foundation.
- Suggestion on numbers 16-18 stating to defer to what the State Statue has. Building Inspector Reardon suggested having these in the code.
- Suggestion to remove language section 18-5-50 (b)
- The word vehicle under the signage section letter b should be removed.
- The language under Article 10 section 18-10-10 needs to be defined and referenced with the Town's variance rules.

1.

- Language under section 18-10-20 is not clear. Admin/Town Clerk Ferguson will look into it.
- Language under section 18-10-40 directing the reader to see section 17-4-20 of chapter 17 of the code is specific to subdivisions.
- Suggestions under Article 12-site plan review requirements number 7-9 need to be looked into.
- Suggestion to delay adopting appendix L adoption of the fee schedule.

Recesses at 5:29 Returned to open meeting at 6:00 pm

### <u>Master Plan Update</u>

Discussion ensued by the Admin/Town Clerk Ferguson in feedback and consensus from the Planning Commission and the Town Board regarding the Master Plan.

- The Master Plan is modeled after the Town of Ridgeway.
- The suggestion was to edit the document into a readable document.
- Include a climate change section.
- Include equality section of resources.
- Strikeout corkiness of people and not liable or describing people throughout the document.
- Adding the organic food grower's section.
- Trustee Meck volunteered to edit the document into a more readable one.
- Both the Board and Planning Commission are in favor of the direction the Master Plan is going.

### Public comments:

A community member was concerned with not having an emergency exit route section.

The meeting was adjourned by Mayor Bachran at 6:26 pm

Amanda Mojarro, Deputy Clerk

Mary Bachran, Mayor

### Minutes <u>Planning Commission Meeting</u> Town of Paonia, Colorado April 16, 2021

### **RECORD OF PROCEEDINGS**

The Regular Meeting of the Paonia Planning Commission was called to order on Friday, April 16, 2021 at 1:02 pm by Barb Heck, Chairperson. Formal Video Record at <a href="https://www.youtube.com/watch?v=k92qTg6i4O4">https://www.youtube.com/watch?v=k92qTg6i4O4</a>

### **Roll Call**

Commission members present were as follows: Chairperson Barb Heck, Commissioner Lucy Hunter, Mayor Mary Bachran and Trustee Karen Budinger. Commissioner Monica Foguth was absent.

Also present were Town Administrator/Town Clerk Corinne Ferguson and Deputy Town Clerk Amanda Mojarro.

A quorum was present, and Chairperson Heck proceeded with the meeting.

### **Approval of Agenda**

Motion to approve agenda as presented by Mayor Bachran, seconded by Commissioner Hunter. Motion carried.

### **Unfinished Business**

### Minutes: June 22, 2020:

Motion to approve minutes as presented by Commissioner Hunter Seconded by Trustee Budinger. Motion carried.

Mayor Bachran & Trustee Budinger Abstained from voting.

Minutes were tabled until the next meeting.

### New Business.

Riverbank Neighborhood Subdivision Application:

- Commissioner Hunter recused herself from the discussion.
- Administrator Ferguson read her recommendations that were included in her report in the packet.

### Public Hearing:

Chairperson, Barb Heck opened the Public Comment at 1:10 pm.

Ivo Renkema, Riverbank's developer was absent, and Frederick Zimmer was the representative on his behalf. Frederick Zimmer addressed the publics and the Boards questions.

Publics concerns & comments:

- A Public member was concerned with what will happen to their ditch lateral. The other concern was regarding the wetlands and the wildlife located on lots 8, 10, 12 and 14.
- The representative stated that they will follow the ditches recommendation and stated that the surveyor did not mark or indicate the existence of wetlands in the lots mentioned by the public member.
- A public member was concerned with the bond, water tap and the moratorium that is in place and conservation easements. A statement regrading their concerns was read and was added to the permanent packet.
- A public members were concerned with the R-2 zoning. Representative stated that they were not aware of the R-2 zoning issue and that the developer would consider re-zoning.

Chairperson, Barb Heck closed the Public Comment.

Board comments:

- Concerned that the developer was not present by phone to address the public and boards questions.
- Keeping the restrictions on the curb and gutter.
- R-2 zoning would need to go through the re-zoning contingent upon approval.
- Road variance
- A concern about an agriculture provision in the document stating that the unit owner would have agree not to complain about any noises, smells or about the agriculture law in the State of Colorado.

Motion by Mayor Bachran, seconded by Trustee Budinger to recommend to the Board of Trustees the approval of the proposed staff recommendations for Variance 1: Road width and length – Section 17-4-40 (g) cul-de-sac length and Section 17-4-50 paved area or right-of-way: **The Road length is 1,700 ft. Code requirement is no more than 500 ft. Staff recommendation to approve variance – to recommend approval of modification to emergency turn around location to area between Riverbank lots 2 & 5 which currently have a 35 ft shared utility and ditch easement. This more centrally locates the emergency turn-around. At its current location it is approximately 700 ft beyond the maximum allowed road length.** Motion carried.

Motion by Mayor Bachran, seconded by Trustee Budinger to recommend to the Board of Trustees to accept staff recommendation to deny variance 2: Change in typical road section – Section 17-4-40 (j).: to recommend deferring installation of sidewalk, curb, and gutter until such time as 50% of the parcels are sold and/or developed. Storm water runoff should be

collected at intermittent collection boxes and piped to detention ponds identified on the plan (see C3.0). Motion carried.

Motion by Chairperson Heck, seconded Mayor Bachran to recommend to the Board to continue with R-2 zoning and add restrictions to 2 livable units and restrict multi units. Vote of those present was Trustee Budinger & Mayor Bachran voted Nay. Chairperson Heck voted Aye. Motion failed.

Discussion: Public members suggested consulting the Town Attorney's and suggested to re-zone to R-1 and suggested investigating further into the wetlands issue.

Motion by Mayor Bachran, seconded Trustee Budinger to recommend to the Board to re-zone R-1. Motion carried.

Motion by Mayor Bachran, seconded Trustee Budinger to recommend to the Board that only lots 1 & 2 be developed until the water moratorium is lifted. Motion carried.

Motion by Mayor Bachran, seconded Trustee Budinger to recommend to the Board to accept the Riverbank subdivision with the stipulations as outlined in the previous motion. Motion carried.

Motion by Mayor Bachran, seconded Trustee Budinger to recommend to the Board to have the applicant provide information regarding the wetlands status and bring it before the Board.

### **Adjournment**

Chairperson Heck adjourned the meeting at 2:45 pm

Amanda Mojarro, Deputy Clerk

Barb Heck, Chairperson

Appointment of New Commission Chair



Summary:

Chairperson Heck wishes to remain on the planning commission but no longer sit as chair. The Board may appoint a new chair, and alternate in the chairs absence.

Vote:	Barb Heck:	Karen Budinger:	Monica Foguth:
Lucy Hunter:	Mary Bachran:		



Summary:

Review and recommendations regarding variance application for road grade for the Clark's End subdivision cul-de-dac.

Mattingly - Clark's End Variance Application

Lucy Hunter: Mary Bachran:	Vote:	Barb Heck:	Karen Budinger:	Monica Foguth:
	Lucy Hunter:	Mary Bachran:		



TO: PLANNING COMMISSION

FROM: CORINNE FERGUSON

SUBJECT: MATTINGLY - CLARK'S END ROAD VARIANCE

Odisea L.L.C. on behalf of Lynn Mattingly submitted a variance request letter to me February 17, 2021 and an application for a variance was subsequently presented for review March 8, 2021. The application was deemed substantially complete March 10, 2021 and the applicant was notified via telephone.

See below:

Application, Process, and and Review Per Municipal Code Chapter 16 and 18.

Complete application packet and fee payment. – Reviewed as submitted, deemed substantially complete 03/10/2021.

Deadlines for publication and notifications met.

Having reviewed and confirmed all requirements and information provided, it is my recommendation to the Planning Commission and Board of Trustees the approval of Clark's End Subdivision cul-de-sac variance request:

Variance: Municipal Code Chapter 18, Streets, Minimum Design Standards – Curb, Gutter, Sidewalks and Streets – link here: https://library.municode.com/co/paonia/codes/municipal\_code?nodeId=APPENDIX\_APXDSTCOSP\_STMI DESTURGUSIST

The Street Layout portion of chapter 18 defines the maximum grade for any street to be 7%. Due to the location of the updated water and sewer lines installed by the Town, the applicant requests a variance of .5% to increase the grade of the cul-de-sac to 7.5%. This variance is recommended as to facilitate the installation of the approved cul-de-sac and avoid any disturbance of the Towns infrastructure. Following review it is my opinion the variance request meets the prerequisites for granting variances as provided below.

## **Additional information:**

1 | P a g e Riverbank Mattingly Variance Application, April 2021 The only clear guidance for the review of a variance is included in Chapter 18, Article 7, Division 2, Section 18-7-240 and has been historically used for the review and recommendation of variance requests. The

review criteria are as follows:

(j) Prerequisites for granting variances:

(1) Variances shall only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.

(2) Variances shall only be issued upon:

a. Showing a good and sufficient cause;

b. A determination that failure to grant the variance would result in exceptional hardship to the applicant; and

c. A determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public or conflict with existing local laws, resolutions or ordinances.

## **Admin Report Attachments:**

Attachment A: Streets, Minimum Design Standards - Curb, Gutter, Sidewalks and Streets

**2** | P a g e Riverbank Mattingly Variance Application, April 2021

### STREETS, MINIMUM DESIGN STANDARDS - CURB, GUTTER, SIDEWALKS & STREETS

### General.

All curb, gutter, sidewalk and street construction design, rights-of-way widths and street widths shall conform to the minimum requirements enumerated on the town typical drawings and the requirements of the subdivision regulations of the Town of Paonia. Care shall be taken to ensure continuity of grades, widths, etc., of proposed, existing and future installations. Deviations from these standards and specifications may be permitted when, in the opinion of the Town, the quality of the finished work would not vary materially from the intent of these requirements.

### Plan Approval.

Plans for proposed street construction should be submitted on twenty-four-by-thirty-six-inch (24" x 36") sheets to the Town for approval. An overall plan shall be submitted along with individual plan and profile sheets. The plans shall show lots and blocks, shall give centerline street grades and show vertical curves and the original ground profile. Grades shall be indicated for the curb and gutter for each side of the street; elevations of curb and gutter at the ends of each block shall be indicated. Cross-pans shall be indicated on the street plan. The roadway width and type of curb, gutter and sidewalk shall be indicated for each street.

### Street Construction.

All streets shall be paved except if otherwise approved by the Town board of trustees for residential streets.

When asphalt pavement is to be provided, minor residential streets serving fewer than ten (10) lots shall have a minimum of six (6) inches of Class 6 base course with prime coat and a three-inch asphalt concrete surface. Other residential and collector streets shall have a minimum of six (6) inches of Class 6 base course with prime and four (4) inches of asphalt concrete surface. An engineer, based on traffic load and soils conditions, shall design base and surface treatment for arterial streets.

All paved streets shall have curb, gutter and sidewalk on both sides. The curb, gutter and sidewalk shall conform to Town standard drawings and specifications for that work.

Street widths shall be in accordance with Town Subdivision Regulations

### Street Layout.

Street widths shall conform to Town standard drawings for the type of street being designed. Gravel streets shall have a cross-slope of three percent (3%), and paved streets shall have at least two percent (2%) cross-slope.

The minimum grade for all streets is one-half percent (0.5%). The maximum grades shall not exceed seven percent (7%) on any street and five percent (5%) on collector streets. Minimum length of vertical curves for all streets shall be three hundred (300) feet, except that where the algebraic change in grades is less than two percent (2%), vertical curves may be omitted. On local streets the minimum radius of horizontal curves shall be one hundred (100) feet and one hundred fifty (150) feet on all other streets.

In special topographic conditions, the Town may allow deviations from these requirements in order to provide the Town with better drainage or a better intersection design.

Multiple tee intersections shall have the leg of the tees at least one hundred twenty-five (125) feet apart centerline to centerline to facilitate a reasonable line of sight between the intersections. If the width of the street rights-of-way is more than sixty (60) feet, the separation of the tees shall be increased proportionally.

Sidewalks shall be located six (6) inches outside the private property line unless otherwise approved by the Town.

### Service Line Installation.

All service lines shall be installed (in accordance with the appropriate Town standards) prior to paving any street.

### Drainage.

All streets shall be designed to provide continuous surface drainage directed to storm drain inlets and drainage courses. Grade shall permit flow without ponding. A check shall be made to be sure of continuity of drainage design between the proposed construction and existing or future construction. In no case shall surface drainage be permitted to be disposed of overland except by approved storm drainage facilities. The developer shall remedy any problems that are created by the addition of storm drainage from his or her subdivision to any existing drainage.

Culverts shall only be installed where V-ditches, gutters and valley pans will not carry the necessary flow. Culverts shall be corrugated, galvanized metal with metal end sections, unless otherwise authorized by the Town. Diameter and slope shall be based on flows. Minimum diameter in roadways shall be eighteen (18) inches, and minimum in driveways shall be twelve (12) inches.

### Monumentation.

Centerline monuments shall be set at each street intersection upon completion of street construction. If an existing street is to be resurfaced, the monuments shall be restored or set as necessary. Monuments in gravel streets shall be a bar and cap set in concrete a minimum of four (4) inches and a maximum of six (6) inches below finished grade. In paved streets the bar and cap set in concrete shall be set under a valve box cover labeled survey marker with the cover set at finished grade.



CIVIL AND STRUCTURAL ENGINEERING

PHYSICAL: 6 THIRD STREP MAILING: P.P. BOX 1899 PAONIA, CO 81428 970,527,9540 WWW ODISEANET.COM

February 16, 2021

3

J. Corinne Ferguson Town Administrator Town of Paonia 214 Grand Avenue Paonia, CO 81428

### Re: Variance request for grade increase at South Clark Subdivision cul-de-sac

Ms. Ferguson:

As part of our submittal of construction documents for the subject project, and on behalf of Lynn Mattingly, we are requesting a variance to the maximum allowable slope of the cul-desac at the south end of Clark Avenue as described below.

Upon final design of the cul-de-sac we gathered invert elevations of the existing sewer pipe and as-built plans of the water line under South Clark to determine the proposed cover over those utilities. This information is now shown on our latest submittal of the construction plans for this project.

Based on the proposed cul-de-sac profile, we are proposing to increase the slope of the cul-desac to 7.50%, which exceeds the maximum allowable slope of 7.00%. By doing so we are maintaining the existing minimum cover over the sewer line on South Clark, which appears to be approximately 4 feet from stations 0+15 to 1+30 on our plans. By increasing the slope to 7.50% we are at or above 4 feet of cover everywhere and therefore do not believe replacing the existing sewer and water lines under the cul-de-sac is necessary.

We are assuming that the water line was installed at a depth of six feet, as noted on the as-built plans provided by the Town. We will be reducing its cover by 6" to one foot for approximately 30 feet in length near the top of the cul-de-sac. Similar to the sewer line, we do not believe this reduction in cover warrants a full replacement of the water line under the proposed cul-de-sac.

If you have any questions about the information presented here please do not hesitate to contact me anytime during business hours.

Very Respectfully,

З.

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JA KAT Jeff Ruppert, P.E.

Principal

(970) 948-5744 jeff@odiseanet.com

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## SPECIAL REVIEW/VARIANCE APPLICATION

Application Date\_<u>MARON 8 20</u>21 \_P&Z Hearing Date\_<u>4.30,2031</u>\_\_\_\_ Name LYNN D. MATTINGLY Property Address TBA CLARK AME Council Hearing Date 5.1 **Telephone Number** 

11.01 Intent. Each established zoning district is intended for a specific type or category of land use (e.g., single family dwelling in an R-1 district). However, there are certain uses, which may or may not be appropriate in a district depending on the situation. For example, the location, nature of the proposed use, character of the surrounding area, traffic capacities of adjacent streets, and potential environmental effects all may dictate that the circumstances of the development should be individually reviewed. The special review process is established to provide for these specific uses without establishing numerous separate zoning classifications. It is the intent of this chapter to provide a review of such uses so that the community is assured that the proposed uses are compatible with the location and surrounding land uses. 11.02: When Allowed. Within each zoning district, certain land uses are permitted by right, by special review or prohibited. Special review uses may be permitted in designated districts upon review by the Planning and Zoning Commission and approval by the Town Board.

11.03: <u>Site Plan and Supporting Documents.</u> There shall be filed with each special review application a site plan drawn to scale and an appropriate number of copies as determined by the Town Manager. The site plan shall be drawn in black ink on Mylar. Following approval by the Town Board the applicant shall submit a reproducible copy of the original site plan to the Town for the Town's permanent records.

### The special review application shall include the following:

- □ The site plan showing the location of all buildings, structures and other improvements to be placed on the real property. A building envelope may be used in lieu of showing the exact building or structure location to allow for minor variations in the location.
- $\square$  A legal description of the property, which may require a survey.
- A list of the names and addresses of all property owners within 200 ft. of the property.
- □ All off-street parking and loading areas.
- □ The location of all ways for ingress and egress to all buildings, and parking areas.
- □ Service and refuse collection areas.
- Major screening proposals.
- The size, shape, height and character of all signs.
- $\Box$  The area and location of all open space and recreation areas.
- The location and type of outdoor lighting.
- □ The character and type of landscaping to be provided. The landscaping shall be indicated in tabular form showing the type of plant material, minimum size and quantity. The approximate location of landscaping shall be indicated on the site plan.
- □ The anticipated timetable for completion. If the project is to be completed in phases, then the data for completion of each phase shall be indicated.

3.

- ☐ All owners and lien-holders of the property shall sign the following agreement that will be placed on the original special review site plan.
- $\square$  Home Owner's association Written plan approval (if applicable)

The undersigned agree that the real property described on the site plan shall be developed only in accordance with the approved special review site plan and other provisions of the zoning regulations of the Town of Paonia.

### I. Site Plan

g.

Any application for Special Review/Variance that includes a new structure or improvement to an existing structure will require a site plan. Plans may be hand drawn, but must be clearly written with accurate measurements indicated. The Site Plan may be submitted as two separate drawings or one drawing with an overlay.

### II. Project Summary

Please answer only the questions that apply to your Special Review/Variance request. Any additional information, which would be beneficial in the consideration, may be noted in the "Comments" section.

a.	Reason for Special Review/Variance Keaveshine & Variance
	to increase place of the culide size 0 to 7.5%
	which exceeds the maximum Slope of 7.0%.

- b. Current Zoning of Property <u>R.2</u>
- c. What land boundary changes are necessary? <u>None</u>

- f. What additions/changes in utilities will be necessary? Include water, sewer, gas, and electric.
  - This vorme protects the cover to existing server + water lines. Will property have Commercial/Private or Public Use?\_\_\_\_\_ Private

# h. Anticipated traffic flow and volume?

j.	Detail the possible environmental impact; such as noise, lighting glar pollutants, etc.
	more grach moved drainage water
Comments:	

MA

### III. **Public Notice Requirements**

All property owners within 200 feet of the property being reviewed shall be notified via certified mail of a public hearing whereby the Planning and Zoning Commission shall consider this application. It is incumbent upon the applicant to request the names of the property owners from the Delta County GIS Department (970-874-2119). Please have the GIS e-mail the information to Corinne@townofpaonia.com. Applications for Special Review shall be filed at least 30 days in advance of the meeting at which they are to be considered by the Planning and Zoning Commission. Incomplete applications shall result in denial of application acceptance and returned for completion, consequentially delaying hearings.

### IV. **Acknowledgement to Pay Fees**

This application must be completed and a fee of \$250.00 is assessed to include preliminary costs of administrative services and initial correspondence. Additional charges will be invoiced for, publication and certified mailings to property owners within 200 feet of said property. **Payment must accompany** this application.

### FEES PAID HEREUNDER ARE NON-REFUNDABLE UPON SIGNING

By signing below, I acknowledge that I will be billed for any overages of costs incurred for this Special Review/Variance. I am aware that upon acceptance of the Special Review/Variance by the Planning and Zoning Commission, a building permit must be applied and approved by the Building Inspector, if annlicable

SIGNED Jun Metty	
PRINTED NAME LYNN D MATTINGLY DATE: March 8 202	1
Clerks Acceptance DATE 3.10.21	
Special Review/Variance Application	
- 111 -	

## **PROJECT INFO:**

LOCATION: SITE ADDRESS:

SITE COORDINATES:
COUNTY:
rownship:
PROPERTY INFORMATION

PROPERTY INFORMATION: PARCEL ID#:

LEGAL SUMMARY:

PAONIA, COLORADO 38.86577, -107.585995 DELTA PAONIA

324505249007

CLARK RD PAONIA 81428 S: 5 T: 14S R: 91W Subdivision: B R ADDITION Lot: 7 TOTAL AC 1.43+- (N107.5', S120.4', E50.0'+97.0', W115.6') LOT 7 B R ADD. PT OF SEC 5 T14S R91W 6PM BEG AT SW COR HAMMONDS ADD PAONIA S1\* E300' TO BEG N89\*14' E250' S1\* E150' S63\*59' E96.8' S3\*18' W114.6' N63\*59' W150.7' N63\*W110.7' N53\*33' W120.4' N1\* W115.6' TO BEG BK 441 PG 1524 (R-345594) BK 674 PG 134 BK 679 PG 186 BK 680 PGS 529 THRU 533 BK 693 PGS 822 & 823 R-350896 ANNEX R708364

## NARRATIVE DESCRIPTION:

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**DEVELOPED CONDITIONS** • THE PROPOSED ONSITE DEVELOPMENT CONSISTS OF SUBDIVIDING THE EXISTING PARCEL INTO THREE LOTS WITH AN OPEN SPACE TO PROVIDE A PEDESTRIAN WALKWAY. INFRASTRUCTURE TO BE INSTALLED WILL INCLUDE CONNECTING WATER AND SANITARY SEWER SERVICES TO THE EXISTING TOWN OWNED WATER AND SANITARY SEWER UTILITY LINES. OTHER UTILITIES WILL INCLUDE ELECTRICAL, PHONE, FIBER OPTIC, AND GAS WHICH WILL ALL BE BURIED. A PAVED CUL-DE-SAC WITH ROLLOVER CURB AND GUTTER, AND SIDEWALK SHALL BE INSTALLED.

INSTALL ROADWAY AND UTILITIES ESTIMATED START DATE OF CONS ESTIMATED END DATE OF CONSTI

21

## **PROJECT TEAM:**

PROPERTY OWNER:
LYNN MATTINGLY
14911 ROYAL ROAD
PAONIA, CO 81428

SURVEYOR: WILMORE & CO. 406 GRAND AVE PAONIA, CO 81428

CIVIL ENGINEER: ODISEA LLC PO BOX 1809 PAONIA, CO 81428

CONTACT: EMAIL: PHONE:

EMAIL:

PHONE:

KRIS CRAWFORD KRIS@WILMORELANDSURVEYING.COM 970.527.4200

LDMQUILT@GMAIL.COM

970.260.2460

CONTACT: EMAIL: PHONE:

JEFF RUPPERT JEFF@ODISEANET.COM 970.527.9540

## ABBREVIATIONS

AB	AGGREGATE BASE	HQW	HIGH QUALITY WATER
APPROX	APPROXIMATE	IPS	IRON PIPE SET
AVE	AVERAGE	LB	POUNDS
BMP	BEST MANAGEMENT PRACTICE	LF	LINEAR FEET
BSL	BUILDING SETBACK LINE	LP	LIGHT POLE
C/L	CENTERLINE	MAX	MAXIMUM
CMP	CORRUGATED METAL PIPE	MIN	MINIMUM
CONC	CONCRETE	(N)	NEW
CSP	CORRUGATED STEEL PIPE	O/H	OVERHEAD LINE
DB	DEED BOOK	OAE	OR APPROVED EQUAL
DIA	DIAMETER	P/L	PROPERTY LINE
DWG	DRAWING	PC	PROFESSIONAL CORPORATION
ECM	EXISTING CONCRETE MONUMENT	PG	PAGE
EG	EXISTING GRADE	PP	POWER POLE
EP	EDGE OF PAVEMENT	R	RADIUS
ELEC	ELECTRICAL	RD	ROAD
ESMT	EASEMENT	R/W	RIGHT-OF-WAY
ETW	EDGE OF TRAVELED WAY	R/W MON	CONCRETE RIGHT-OF-WAY MONUMENT
(E)	EXISTING	SD	STORM DRAIN
FG	FINISHED GRADE	SF	SILT FENCE/SEDIMENT FENCE
FIP	FOUND IRON PIPE	SP	SERVICE POLE
FIR	FOUND IRON ROD	SPT	SPOT ELEVATION
FL	FLOW LINE	STD	STANDARD
FO	FIBER OPTIC	SS	SANITARY SEWER
FR	FIBER ROLL/COMPOST SOCK	TOP	TOP OF PILE
FS	FINISHED SURFACE	TYP	TYPICAL
FT	FOOT, FEET	UNO	UNLESS NOTED OTHERWISE

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EXISTING CONDITIONS THE EXISTING SITE CONSISTS OF ONE PARCEL ZONED R-1. THE AREA TO BE DEVELOPED IS CURRENTLY A SINGLE RESIDENTIAL LOT

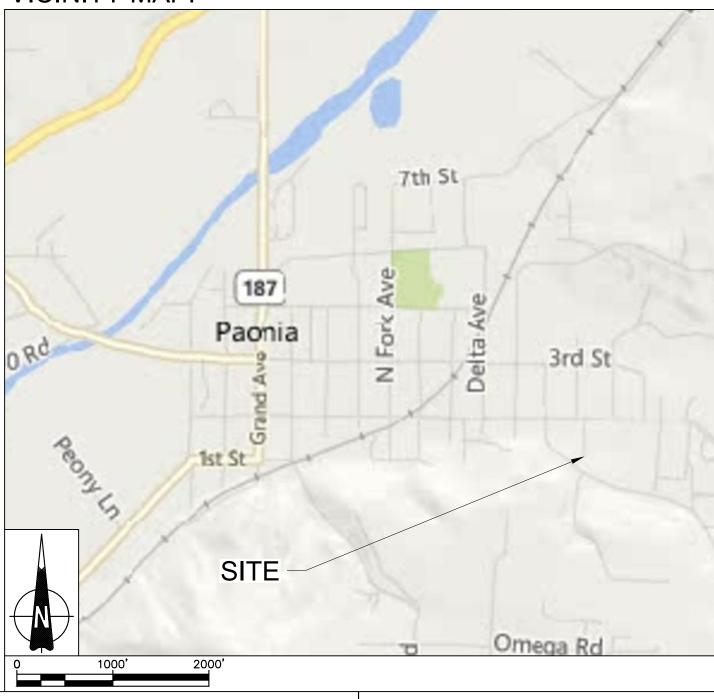
NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE

3	
ISTRUCTION ACTIVITIES	TBD
IRUCTION ACTIVITIES	TBD

# SHEET INDEX:

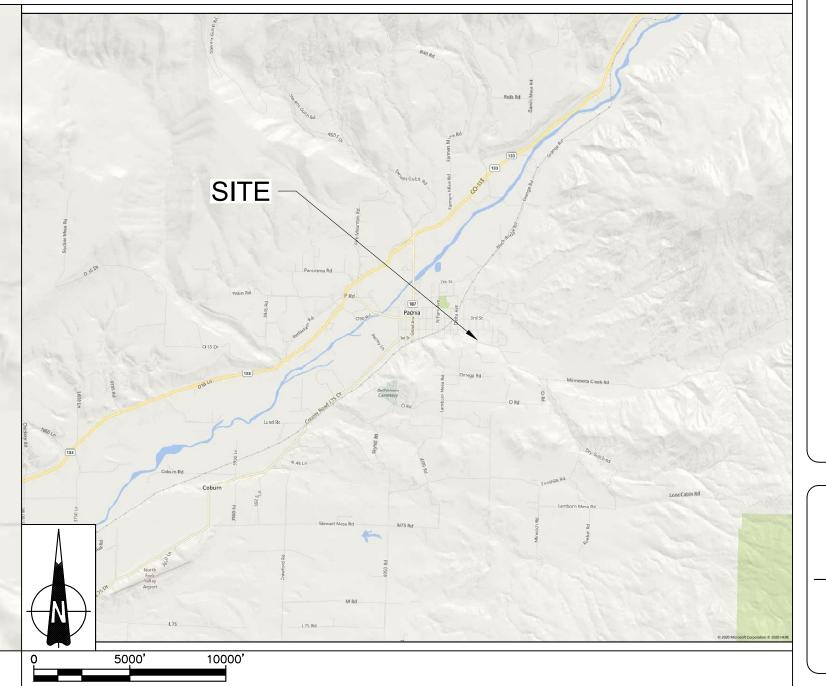
Sheet List Table	
Sheet Number	Sheet Title
C0.0	COVER SHEET
C.01	CIVIL NOTES
C1.0	EXISTING SITE PLAN & DEMO
C2.0	PROPOSED SITE PLAN
C3.0	CLARK AVENUE PLAN & PROFILE
C4.0	GRADING & DRAINAGE
C5.0	UTILITY PLAN
C6.0	CIVIL DETAILS
C6.1	CIVIL DETAILS

# VICINITY MAP:





# LOCATION MAP:



	1.	ALL WORK WITHIN THE CDOT RIGHT-OF-WAY, IF APPLICABLE, WILL REQUIRE A RIGHT-OF-WAY EXCAVATION & CONSTRUCTION PERMIT PER CDOT REQUIREMENTS.	6.	THE ESPCP FACILITIES SHOWN ON THE PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THOSE ESPCP FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS, AND TO ENSURE THAT SEDIMENT AND
	2.	ALL SAFETY, EROSION CONTROL AND SIGNING PLANS SHALL BE SUBMITTED AND APPROVED TO THE TOWN PRIOR TO THE COMMENCMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE TOWN PUBLIC WORKS DIRECTOR AT LEAST 48 HOURS PRIOR TO BEGINNING ANY OF THIS WORK.	7.	SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE. THE ESPCP FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS
6	3.	ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, TOWN OF PAONIA, CONTRACT DOCUMENTS AND STANDARD SPECIFICATION SUPPLEMENT AND THE LATEST REVISIONS THEREOF. ANY WORK NOT FALLING UNDER THESE SPECIFICATIONS SHALL BE PERFORMED UNDER CDOT SPECIFICATIONS.	8.	NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. THE ESPCP FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A WEEK OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.
	4.	THE CONTRACTOR SHALL USE AN UNDERGROUND LOCATE SERVICE AT A MINIMUM OF 72 HOURS PRIOR TO START OF CONSTRUCTION WITHIN THE RIGHT-OF-WAY TO LOCATE ALL UTILITIES.	9.	STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
		ALL PAVING REMOVAL SHALL BE SAWCUT AT THE TOWN'S DIRECTION. PAVING SHALL BE SAWCUT AND REMOVED A MINIMUM OF 1' FROM CURB AND GUTTER	<b>\\/</b>	ATER - GENERAL NOTES:
	0.	CONSTRUCTION OR RECONSTRUCTION.		
	7.	THE PROTECTION AND ADJUSTMENT OF ALL UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. A DETAILED UTILITY SURVEY HAS NOT BEEN PERFORMED, THEREFORE LOCATIONS AND DISTANCING OF OBJECTS, I.E. STREET SIGNS, LIGHT POLES, FIRE HYDRANTS ETC. SHALL BE CONFIRMED PRIOR TO CONSTRUCTION BY THE CONTRACTOR.	1.	AT ALL POINTS OF CONNECTION OF NEW WATER MAINS TO EXISTING MAINS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATING AND VERIFYING LOCATION OF THE EXISTING LINES PRIOR TO ANY CONSTRUCTION.
	8.	ALL DISTURBED OBJECTS AND LANDSCAPING ON NEIGHBORING PROPERTIES SHALL BE RETURNED TO THEIR ORIGINAL CONDITION PER APPROVAL OF PROPERTY OWNER AND/OR THE TOWN OF PAONIA.	2.	EXCEPT IN CASE OF AN EMERGENCY, VALVES ON THE TOWN OF PAONIA WATER SYSTEM SHALL BE OPERATED BY OR UNDER THE DIRECTION OF THE APPROPRIATE TOWN OF PAONIA PERSONNEL. THE CONTRACTOR SHALL GIVE THE TOWN OF PAONIA ENGINEERING STAFF 48 HOURS NOTICE TO ARRANGE FOR OPERATING VALVES. BOTH THE CONTRACTOR AND THE APPROPRIATE TOWN OF PAONIA PERSONNEL SHALL BE PRESENT WHEN THE VALVES ARE OPERATED.
5	9.	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND/OR RELOCATE ALL TRAFFIC SIGNALS AS SHOWN ON THE PLANS OR AS REQUIRED BY THE TOWN.	3.	WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF TEN (10)
	-	REPORTS OF COMPACTION WITHIN THE RIGHT-OF-WAY SHALL BE SUBMITTED TO AND ACCEPTED BY THE TOWN ENGINEER PRIOR TO PLACING ANY PAVING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE TOWN ENGINEER FOR OBSERVATION OF		FEET. WHEN A TEN (10) FOOT SEPARATION IS NOT PROVIDED OR WHEN SEWER LINES CROSS WATER LINES WITH LESS THAN ONE AND ONE-HALF (1½) FEET OF VERTICAL SEPARATION, SEWER LINE JOINTS SHALL BE CONCRETE ENCASED. FOR PERPENDICULAR CROSSINGS, ENCASED JOINTS SHALL EXTEND TEN (10) FEET, PERPENDICULAR TO THE WATER LINE IN BOTH DIRECTIONS.
		ANY WORK. FAILURE TO CONTACT THE ENGINEER WITH QUESTIONS PRIOR TO PERFORMING ANY WORK MAY RESULT IN THE CONTRACTOR ASSUMING COMPLETE LIABILITY FOR UTILITIES, PUBLIC OR PRIVATE PROPERTY THAT IS DAMAGED.	4.	ALL WATER LINES SHALL HAVE A MINIMUM OF FIVE (5) FEET OF COVER AND BE LOCATED A MINIMUM OF TEN (10) FEET FROM THE SANITARY SEWER.
		IN THE EVENT THAT EXISTING STRIPING IS OBLITERATED BY CONSTRUCTION, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE SAID STRIPING. PRIOR TO CONSTRUCTION, ALL SURVEY POINTS THAT MAY BE DISTURBED SHALL BE TIED OUT AND A	5.	CHANGES IN DIRECTION OF WATERLINE PIPE GREATER THAN ONE DEGREE SHALL REQUIRE FITTINGS IN ALL INSTANCES. AXIAL DEFLECTION AT THE JOINTS SHALL NOT BE IN EXCESS OF MANUFACTURER'S RECOMMENDATION OR IN NO CASE MORE THAN ONE DEGREE.
	13.	CORNER RECORD OF EACH POINT SHALL BE FILED WITH THE TOWN SURVEYOR AND COUNTY. A COPY OF THE RECORDED CORNER RECORD SHALL BE SUBMITTED TO THE TOWN'S PUBLIC WORKS DIVISION.	6.	WHEN IT IS NECESSARY TO DEPRESS WATER LINES AT UTILITY CROSSINGS, A MINIMUM CLEARANCE OF ONE AND ONE-HALF (1-1/2) FEET SHALL BE MAINTAINED BETWEEN OUTSIDES OF PIPE.
	14.	FOLLOWING THE COMPLETION OF CONSTRUCTION, A CORNER RECORD OF EACH POINT THAT WAS DISTURBED SHALL BE FILED WITH THE TOWN SURVEYOR AND COUNTY. A COPY OF THE RECORDED CORNER RECORD SHALL BE SUBMITTED TO THE TOWN'S PUBLIC WORKS DIVISION PRIOR TO THE RECORDING OF A CERTIFICATE OF COMPLETION OR RELEASE OF BONDS.	7.	DISTANCES FOR WATER LINES ARE THE HORIZONTAL DISTANCE BETWEEN THE CENTERS OF THE FITTINGS. THEREFORE, DISTANCES SHOWN ON THE PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND FITTING DIMENSIONS.
4		ALL NECESSARY UTILITY CONSTRUCTION WITHIN THE STREET RIGHT-OF-WAY SHALL BE COMPLETED AND APPROVED PRIOR TO PAVING PER THIS PLAN.	8.	ALL WATER LINE VALVES SHALL BE SET ADJACENT TO THE TEE, EXCEPT FOR POINTS THAT FALL IN THE FLOW LINE OF A CONCRETE CROSS PAN. IN WHICH CASE, THE VALVE SHALL BE LOCATED SO THAT SURFACE DRAINAGE DOES NOT INFILTRATE THE VALVE BOX. VALVE BOXES SHALL BE SET AT AN ELEVATION IN ACCORDANCE WITH TOWN PAVING REQUIREMENTS.
		ADJUST ALL STORM DRAIN AND SEWER MANHOLES AND WATER VALVES TO GRADE AFTER PLACING FINAL LIFT OF ASPHALT. NO EXPANSIVE SOIL MAY BE USED WITHIN THE PUBLIC RIGHT-OF-WAY.	9.	ALL WATER MAINS SHALL BE POLYVINYL CHLORIDE (PVC) PRESSURE PIPE UNLESS SPECIFIED OTHERWISE. NOMINAL PVC PIPE SIZES 6-INCH THROUGH 12-INCH SHALL CONFORM TO ALL REQUIREMENTS OF AWWA STANDARD C-900, PRESSURE CLASS 150 (DR18). ALL PVC PIPES SHALL
	18.	CONTRACTOR SHALL MAINTAIN FLOWS IN THE EXISTING WATER SYSTEM AT ALL TIMES. SUBMIT A PLAN FOR APPROVAL TO THE TOWN'S PUBLIC WORKS DEPARTMENT 2 WEEKS PRIOR TO THE WORK		HAVE OUTSIDE DIAMETERS EQUIVALENT TO CAST IRON PIPE.
	19.	BEING PERFORMED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL PROPERTY OWNERS AT LEAST 7 DAYS IN ADVANCE OF ANY UTILITY OUTAGES.	10.	FIRE HYDRANT ASSEMBLY INCLUDES THE FIRE HYDRANT, SIX (6) INCH VALVE, AND SIX (6) INCH PIPE. INSTALLATION SHALL BE IN ACCORDANCE WITH THE TOWN OF PAONIA STANDARDS AND SPECIFICATIONS.
	20.	PARCELS MAY NOT BE WITHOUT WATER FOR MORE THAN 16 HRS.	11.	ALL FITTINGS SHALL BE MADE FROM DUCTILE IRON, FURNISHED WITH MECHANICAL JOINT ENDS, AND SHALL HAVE A PRESSURE RATING OF 350 PSI.
	21.	MAINTAIN FIVE (5) FEET OF COVER FOR ALL WATER LINES.	12.	POLYETHYLENE WRAPPING SHALL BE INSTALLED AROUND ALL DUCTILE IRON PIPES, FITTINGS, VALVES, FIRE HYDRANT BARRELS AND ROD AND CLAMPS. THE POLYETHYLENE SHALL HAVE A
	22.	A TEMPORARY TRAFFIC CONTROL PLAN (TTCP) IS REQUIRED BEFORE ANY WORK MAY COMMENCE WITHIN THE PUBLIC RIGHT OF WAY.	10	MINIMUM THICKNESS OF EIGHT (8) MILS, IN ACCORDANCE WITH AWWA STANDARD C-105.
3		IN THE ABSENCE OF GEOTECHNICAL RECOMMENDATIONS OR BACKFILL DETAILS, ALL BACKFILL SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY. LOCATIONS OF EXISTING STRUCTURES AND UTILITIES ARE FOR INFORMATION PURPOSES ONLY. THE	13.	INSULATED COPPER WIRE. SPLICES IN TRACER WIRE SHALL BE CAPPED IN WATER PROOF GEL CAP TYPE CONNECTORS SUITED FOR DIRECT BURY APPLICATION (3M TYPE DBY-6 LOW VOLTAGE OR EQUAL). WIRE SHALL BE ATTACHED TO TOP OF WATER LINE WITH 2-INCH WIDE PVC TAPE @ 5-FT
	27.	CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH (ELEVATION) OF EXISTING UTILITIES AND OTHER FIELD CONDITIONS IN ACCORDANCE WITH ASCE STANDARD 38-02 QUALITY LEVELS <b>D</b> THROUGH <b>A</b> PRIOR TO CONSTRUCTION. <u>QUALITY LEVEL D ("QL D")</u> - INFORMATION DERIVED FROM EXISTING RECORDS OR		INTERVALS ALONG PIPE. TRACER WIRE SHALL EXTEND TO THE SURFACE AND BE COILED IN A LOCATE BOX AT THE BACKSIDE OF EITHER EACH FIRE HYDRANT OR VALVE. UNDER THE SUPERVISION OF TOWN OF PAONIA ENGINEERING AND/OR PUBLIC WORKS STAFF, TEST SHALL BE MADE BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION TO INSURE THAT THE TRACER WIRES CARRY A CONTINUOUS CURRENT BETWEEN ALL ACCESS POINTS.
		QUALITY LEVEL C ("QL C") - ORAL RECOLLECTIONS. INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING	14.	WARNING TAPE SHALL BE INSTALLED 12" MINIMUM AND 18" MAXIMUM ABOVE WATER PIPE.
		PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D. QUALITY LEVEL B ("QL B") - INFORMATION OBTAINED THROUGH THE APPLICATION OF	15.	BEDDING MATERIAL SHALL CONFORM TO TOWN OF PAONIA STANDARDS AND SPECIFICATIONS.
		APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES.	16.	VALVES SHALL OPEN COUNTER CLOCKWISE. VALVES 12-INCH AND SMALLER SHALL BE RESILIENT SEAT GATE VALVES. LARGER VALVES SHALL BE BUTTERFLY VALVES.
		QUALITY LEVEL A ("QL A") - PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT.	17.	VALVE BOXES SHALL BE RAISED TO ONE-FOURTH (1/4) INCH BELOW GRADE AFTER COMPLETION OF SURFACE PAVING OR FINAL GRADING. VALVE BOXES IN NON-PAVED AREAS SHALL HAVE A CONCRETE COLLAR AROUND THE VALVE LID IN ACCORDANCE WITH THE DETAIL.
2	25.	PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE CONSTRUCTION PLANS THAT INCLUDE LOCATION AND SIZING OF LAUNCHING AND RECEIVING PITS, MATERIAL AND EQUIPMENT LAYOUT AND STORAGE AREAS, DETAILS FOR CONNECTIONS TO THE EXISTING PIPING SYSTEM, AND RESTORATION PLANS.	18.	SERVICE SADDLES SHALL BE CAST DUCTILE WITH PAINTED STEEL DOUBLE STRAP, WITH AN O-RING GASKET SEAL ON THE MAIN. GASKETS SHALL BE NEOPRENE. SADDLES SHALL BE ROMAC STYLE 202. NO DIRECT TAPS WILL BE ALLOWED.
	26.	A PRE-CONSTRUCTION MEETING IS REQUIRED. THE CONTRACTOR SHALL CONTACT TRAVIS LOBERG, TOWN OF PAONIA PUBLIC WORKS DIRECTOR, AT THE TOWN OF PAONIA A MINIMUM OF 10 BUSINESS	19.	ALL RESIDENTIAL WATER TAPS SHALL BE THREE-QUARTER (3/4) INCH OR AS REQUIRED BY THE CURRENT BUILDING CODE.
	27	DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION TO SCHEDULE THE MEETING. (970) 314-1811 <u>TLOBERG@TOWNOFPAONIA.COM</u> . STREET CLEANING AND SWEEPING IS INCIDENTAL TO THE WORK.	20.	ALL WATER SERVICE LATERALS SHALL EXTEND FIVE (5) FEET BEYOND RIGHT OF WAY OR UTILITY EASEMENTS, WHICHEVER IS GREATER. THE ENDS SHALL BE MARKED BY A BLUE PAINTED 2 x 4 POST.
_		COSION CONTROL NOTES:	21.	CONCRETE THRUST BLOCKS AND/OR "MEGA-LUG" MECHANICAL RESTRAINTS ARE REQUIRED AT ALL MECHANICAL FITTINGS. THRUST BLOCKS MAY NOT BE REQUIRED IF PIPE RESTRAINT IS PROVIDED IN ACCORDANCE WITH RESTRAINED PIPE DETAIL.
		THE CONTRACTOR SHALL SUBMIT AN EROSION SEDIMENT AND POLLUTION CONTROL PLAN FOR APPROVAL PRIOR TO THE COMMENCEMENT OF WORK.	22.	NO WORK SHALL BE BACKFILLED (INCLUDING BEDDING MATERIAL ABOVE THE SPRING LINE OF THE PIPE) UNTIL THE CONSTRUCTION HAS BEEN INSPECTED AND APPROVED FOR BACKFILLING BY THE TOWN OF PAONIA ENGINEERING AND/OR PUBLIC WORKS STAFF.
	2.	APPROVAL OF AN EROSION SEDIMENT AND POLLUTION CONTROL PLAN (ESPCP) DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.		ONLY ONE CONNECTION TO THE EXISTING WATER DISTRIBUTION SYSTEM SHALL BE MADE UNTIL ALL HYDROSTATIC TESTING, CHLORINATION AND FLUSHING HAS BEEN COMPLETED. DISINFECTION AND HYDROSTATIC TESTING SHALL BE DONE IN THE PRESENCE OF A TOWN OF PAONIA ENGINEERING AND/OR PUBLIC WORKS STAFF. CONTACT THE TOWN OF PAONIA DEPARTMENT
1	3.	THE IMPLEMENTATION OF AN ESPCP AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF ESPCP FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.	25.	OF PUBLIC WORKS, FORTY-EIGHT (48) HOURS PRIOR TO DISINFECTING AND/OR TESTING. DISINFECTION AND FLUSHING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE
	4.	THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THE ESPCP SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.		COLORADO DEPARTMENT OF HEALTH AND THE PROCEDURE SET FORTH IN AWWA C601, "STANDARD FOR DISINFECTING WATER MAINS". THE CHLORINATION OF THE WATER LINE SHALL BE PERFORMED PRIOR TO THE HYDROSTATIC TESTING. ALL VALVES, FIRE HYDRANTS AND OTHER APPURTANCES SHALL BE OPERATED WHILE PIPELINE IS FILLED WITH THE CHLORINATING AGENT TO INSURE THAT HIGH CHLORINE CONTACT IS MADE WITH ALL INTERNAL SURFACES.
22	5.	THE ESPCP FACILITIES SHOWN ON THE PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND		

**GENERAL NOTES:** 

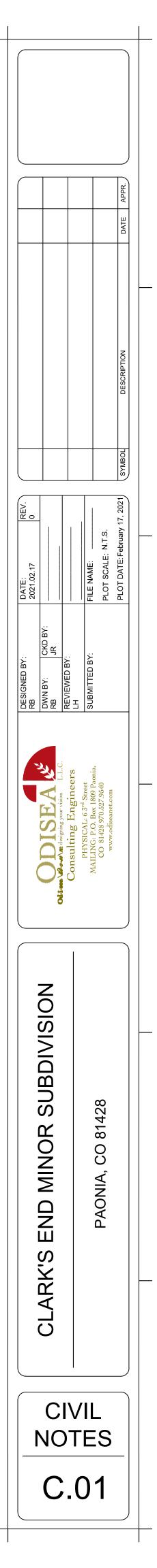
	C D	1	E	F	G		
	SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM ROADWAYS OR VIOLATE APPLICABLE WATER STANDARDS.	CONDUCT PRESSUR	ER LINES SHALL BE HYDROSTATIC TESTED. PRESSURE AND L TED ACCORDING TO THE APPLICABLE SECTIONS OF AWWA C6 RE OF ONE HUNDRED AND FIFTY (150) POUNDS PER SQUARE (F SECTION BEING TESTED FOR THE DURATION OF TWO (2) HOUR	00/605 TO A MINIMUM 6. THE PSI) INCH AT THE LOW POINT UNLE	E TESTING OF THE LINES SHALL BE DONE WITH ESS APPROVED BY THE TOWN.	OUT BEING CONNECTED	TO EXISTING LINES
•	THE ESPCP FACILITIES SHOWN ON THE PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THOSE ESPCP FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS, AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.	LINE TO B WATERTIC LEAKAGE WATERTIC	BE TESTED SHALL BE ONE THOUSAND (1,000) FEET. ALL JOINTS IGHT WITHIN TOLERANCES ALLOWED BY THE SPECIFICATIONS THAT IS DISCOVERED BY OBSERVATION OR TESTS SHALL BE IGHT BY THE CONTRACTOR. PRESSURE AND LEAKAGE TESTS	IN CONNECTIONS ARE TO BE 7. TES IN AWWA C600/605. ANY THE LOCATED AND MADE TOW	TING OF SEWER LINES AND SERVICES, MANHO REQUIREMENTS OF THE APPLICABLE PORTION IN REGARDING LAMPING, IN- AND EX-FILTRATION	NS OF THE STANDARD SP	PECIFICATIONS OF THE
	THE ESPCP FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.		E LINE HAS PASSED ALL REQUIRED DISINFECTION TESTS.		IITARY SEWER LINES SHALL BE TESTED USING	LOW-PRESSURE AIR TES	Т.
	THE ESPCP FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF	27.1. WATER	CCEPTANCE OF THE NEW WATER LINES ARE CONTINGENT UP R TRENCH COMPACTION TEST RESULTS O STATIC TESTING OF 100% OF THE SYSTEM	9. SAN	IITARY SEWER MANHOLES SHALL BE TESTED F	OR LEAKAGE.	
	ONCE A WEEK OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.		TH DEPARTMENT TESTS. (CHLORINE AND/OR CLEAR WATER AS	REQUIRED) 10. ALL	LINES SHALL BE LAMPED FROM MANHOLE TO	MANHOLE.	
-	STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.	MINIMUM	ER PITS AND CURB STOPS SHALL BE PROTECTED AT THE TIME OF THREE (3) T-POSTS AND ORANGE SAFETY FENCE. THE T-P EMAIN IN PLACE AND IN GOOD CONDITION UNTIL THE LANDSCA	OST AND SAFETY FENCE			
V	ATER - GENERAL NOTES:	SURFACE	ER VAULTS SHALL BE WATER TIGHT. CONTRACTOR SHALL SEA E WATER DOES NOT INFILTRATE INTO THE VAULTS. VAULT LIDS THAT SURFACE WATER DOES NOT FLOW INTO THE VAULTS.				
•	AT ALL POINTS OF CONNECTION OF NEW WATER MAINS TO EXISTING MAINS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATING AND VERIFYING LOCATION OF THE EXISTING LINES PRIOR TO ANY CONSTRUCTION.	SANITA	RY SEWER - GENERAL NOTES:				
-	EXCEPT IN CASE OF AN EMERGENCY, VALVES ON THE TOWN OF PAONIA WATER SYSTEM SHALL BE OPERATED BY OR UNDER THE DIRECTION OF THE APPROPRIATE TOWN OF PAONIA PERSONNEL. THE CONTRACTOR SHALL GIVE THE TOWN OF PAONIA ENGINEERING STAFF 48 HOURS NOTICE TO		ITRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION STAKING.	ONS OF ALL EXISTING SEWERS			
	ARRANGE FOR OPERATING VALVES. BOTH THE CONTRACTOR AND THE APPROPRIATE TOWN OF PAONIA PERSONNEL SHALL BE PRESENT WHEN THE VALVES ARE OPERATED.	OF THE NI BE BROKE	TION TO EXISTING TOWN OF PAONIA LINES WILL BE PERMITTE IEW SANITARY SEWER SYSTEM. EXISTING PIPE AT THE POINT EN OUT" UNTIL THE NEW SYSTEM IS ACCEPTED. IF CONNECTIN	OF CONNECTION SHALL NOT NG TO AN EXISTING MANHOLE,			
•	WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET. WHEN A TEN (10) FOOT SEPARATION IS NOT PROVIDED OR WHEN SEWER LINES CROSS WATER LINES WITH LESS THAN ONE AND ONE-HALF (1½) FEET OF VERTICAL SEPARATION, SEWER LINE		/ LINE SHALL BE PLUGGED UNTIL THE NEW SYSTEM IS ACCEPT				
	JOINTS SHALL BE CONCRETE ENCASED. FOR PERPENDICULAR CROSSINGS, ENCASED JOINTS SHALL EXTEND TEN (10) FEET, PERPENDICULAR TO THE WATER LINE IN BOTH DIRECTIONS.	VERTICAL	VERTICAL SEPARATIONS BETWEEN ALL UTILITY PIPES SHALL L SEPARATIONS ARE LESS THAN EIGHTEEN (18) INCHES, THE U CED AND PROTECTED AS REQUIRED BY CURRENT TOWN STAP	ITILITY PIPES SHÁLL BE			
•	ALL WATER LINES SHALL HAVE A MINIMUM OF FIVE (5) FEET OF COVER AND BE LOCATED A MINIMUM OF TEN (10) FEET FROM THE SANITARY SEWER.	FEET. WH	ND SANITARY SEWER LINES SHALL HAVE A MINIMUM HORIZON HEN A TEN (10) FOOT SEPARATION IS NOT PROVIDED OR WHEN TH LESS THAN ONE AND ONE-HALF (1½) FEET OF VERTICAL SE	SEWER LINES CROSS WATER			
•	CHANGES IN DIRECTION OF WATERLINE PIPE GREATER THAN ONE DEGREE SHALL REQUIRE FITTINGS IN ALL INSTANCES. AXIAL DEFLECTION AT THE JOINTS SHALL NOT BE IN EXCESS OF MANUEACTURED'S RECOMMENDATION OF IN NO CASE MORE THAN ONE DECREE		HALL BE CONCRETE ENCASED. FOR PÉRPENDICULAR CROSS TEN (10) FEET, PERPENDICULAR TO THE WATER LINE IN BOTH	,			

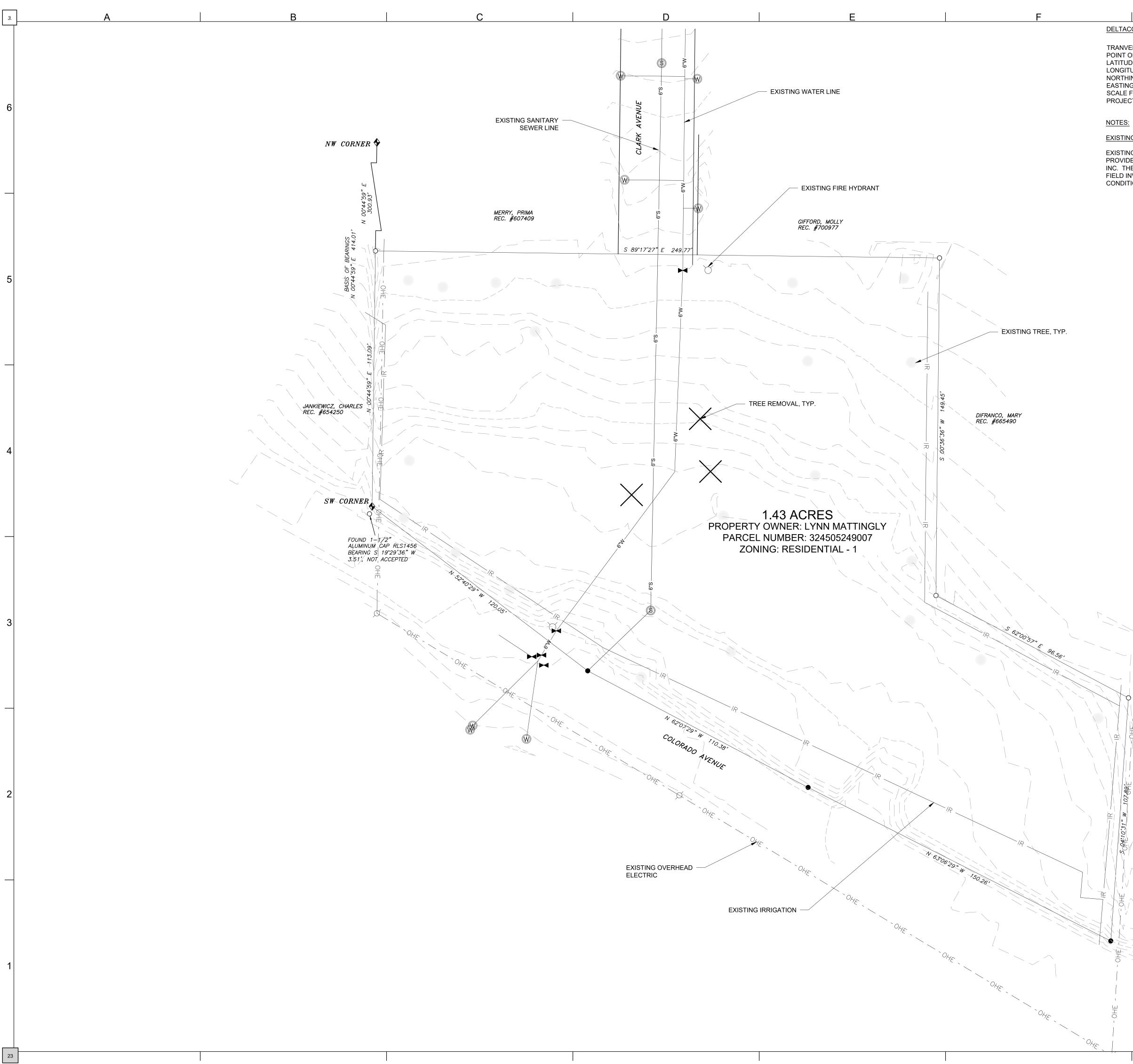
- ALL SANITARY SEWER SERVICES AND WATER SERVICES ARE TO BE TEN (10) FEET APART.
- 6. SERVICE LATERALS SHALL EXTEND FIVE (5) FEET BEYOND RIGHTS OF WAY OR UTILITY EASEMENTS, WHICHEVER IS GREATER. THE ENDS SHALL BE MARKED BY A GREEN PAINTED WOOD 2 x 4 POST.
- 7. THE LENGTH OF SANITARY SEWER LINE IS THE HORIZONTAL DISTANCE BETWEEN CENTER OF MANHOLE TO CENTER OF MANHOLE. THEREFORE, THE DISTANCES INDICATED ON THE PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND MANHOLE DIMENSIONS.
- 8. SERVICE LINE CONNECTIONS TO DEAD END MANHOLES ARE NOT PERMITTED. SERVICE LINE CONNECTINGS TO IN-LINE MANHOLES ARE NOT PERMITTED, ONLY WITH THE APPROVAL OF THE TOWN MAY SERVICE CONNECTIONS BE ALLOWED IMMEDIATELY ABOVE OR BELOW A MANHOLE. MINIMUM SERVICE LINE SLOPE; 4 INCHES=2%.
- 9. ALL FOUR (4) THROUGH FIFTEEN (15) INCH SANITARY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC) AND SHALL BE IN ACCORDANCE WITH ASTM D-3034-SDR35, "STANDARD SPECIFICATION FOR PVC SEWER PIPE AND FITTINGS". ANY SANITARY SEWER HAVING A DEPTH IN EXCESS OF FIFTEEN (15) FEET SHALL BE COORDINATED WITH THE PUBLIC WORKS DEPARTMENT.
- 10. BEDDING MATERIAL SHALL CONFORM TO TOWN OF PAONIA STANDARDS AND SPECIFICATIONS.
- 11. ALL SEWER LINE PIPE SHALL BE PROVIDED WITH A MINIMUM GAGE SIZE OF 12 SINGLE STRAND INSULATED COPPER WIRE. SPLICES IN TRACER WIRE SHALL BE CAPPED IN WATER PROOF GEL CAP TYPE CONNECTORS SUITED FOR DIRECT BURY APPLICATION (3M TYPE DBY-6 LOW VOLTAGE OR EQUAL). WIRE SHALL BE ATTACHED TO TOP OF WATER LINE WITH 2-INCH WIDE PVC TAPE @ 5-FT INTERVALS ALONG PIPE. TRACER WIRE SHALL EXTEND TO THE SURFACE AND BE COILED IN A LOCATE BOX AT THE BACKSIDE OF EITHER EACH FIRE HYDRANT OR VALVE. UNDER THE SUPERVISION OF TOWN OF PAONIA ENGINEERING AND/OR PUBLIC WORKS STAFF, TEST SHALL BE MADE BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION TO INSURE THAT THE TRACER WIRES CARRY A CONTINUOUS CURRENT BETWEEN ALL ACCESS POINTS.
- 12. WARNING TAPE SHALL BE INSTALLED 12" MINIMUM AND 18" MAXIMUM ABOVE SEWER PIPE.
- 13. PRECAST CONCRETE MANHOLE SECTIONS SHALL BE IN ACCORDANCE WITH ASTM C-478. MANHOLE STEPS SHALL BE EPOXY-COATED CAST IRON, ALUMINUM ALLOY, PLASTIC OR OTHER APPROVED CORROSION-RESISTANT METAL. CAST IRON RING AND COVER SHALL CONFORM TO ASTM A-48.
- 14. MANHOLES SHALL BE A MINIMUM FOUR (4) FOOT DIAMETER AND CONSTRUCTED PER THE STANDARDS AND SPECIFICATIONS.
- 15. THE CONTRACTOR SHALL TAKE CARE TO PROPERLY SHAPE ALL MANHOLE INVERTS AND BENCHES IN ACCORDANCE WITH THE TOWN OF PAONIA STANDARDS AND SPECIFICATIONS, TO PROMOTE SMOOTH FLOW THROUGH THE MANHOLE. INVERTS OF LINES INTERSECTING AT 90 DEGREES AND AT HIGHLY DIVERGENT OR FLAT SLOPES ARE ESPECIALLY CRITICAL. MANHOLE INVERTS SHALL BE CONSTRUCTED WITH A SMOOTH TROWEL FINISH, AND BENCH FINISHED WITH A LIGHT BROOMED, NON-SKID, FINISH.
- 16. SEWER TEES AND/OR WYES SHALL BE STAKED BY A SURVEY CREW. THE CONTRACTOR SHALL FURNISH TO THE ENGINEER "AS-CONSTRUCTED" LOCATION OF TEES AND WYES. ALL SERVICE LINES ARE FOUR (4) INCH UNLESS OTHERWISE NOTED.
- 17. THE CONTRACTOR, AT THE OWNER'S EXPENSE, WILL MAKE ALL SEWER SERVICE TAPS.
- 18. PRIOR TO BACKFILL THE TOWN OF PAONIA ENGINEERING AND/OR PUBLIC WORKS STAFF SHALL INSPECT ALL SANITARY SEWER MAINS AND SERVICE EXTENSIONS.
- 19. MANHOLE RIMS SHALL BE SET AT AN ELEVATION RELATIVE TO THE PAVEMENT, IN ACCORDANCE WITH THE TOWN OF PAONIA STANDARDS. WHETHER THE MANHOLE IS AT PAVED OR UNPAVED GRADE, A MINIMUM OF ONE (1) AND A MAXIMUM OF FOUR (4) CONCRETE RINGS SHALL BE USED TO ADJUST THE RIM ELEVATION TO FINAL GRADE. THE MAXIMUM ACCEPTABLE VERTICAL ADJUSTMENT UTILIZING CONCRETE RINGS IS EIGHTEEN (18) INCHES.
- 20. INITIAL ACCEPTANCE OF THE NEW SANITARY SEWER MAINS IS CONTINGENT UPON COMPLETION OF ITEMS LISTED IN THE TOWNS STANDARDS AND SPECIFICATIONS.

## **ACCEPTANCE TESTING:**

- 1. TESTING OF WATER LINES, SERVICES AND APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF AWWA AND THE APPLICABLE STANDARD SPECIFICATIONS OF THE TOWN.
- AFF. CONTACT THE TOWN OF PAONIA DEPARTMENT 2. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM HYDROSTATIC TESTS ON ALL WATER MAINS. LATERALS, DEAD ENDS AND SERVICE LINES IN ACCORDANCE WITH AWWA SPECIFICATIONS C600.
  - 3. PRIOR TO MAKING THE TEST, THE CONTRACTOR SHALL ADVISE THE TOWN OF THE TIME AND PLACE OF THE TEST SO THAT ADEQUATE INSPECTION CAN BE PROVIDED.
  - 4. PRIOR TO PERFORMANCE OF THE TEST, THE PIPELINE SHALL BE COMPLETELY FILLED WITH WATER FOR A PERIOD OF TWENTY-FOUR (24) HOURS.
  - 5. THE TEST SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OR ITS AUTHORIZED REPRESENTATIVE.

- /E (5) FEET BEYOND RIGHT OF WAY OR UTILITY S SHALL BE MARKED BY A BLUE PAINTED 2 x 4 POST. MECHANICAL RESTRAINTS ARE REQUIRED AT ALL BE REQUIRED IF PIPE RESTRAINT IS PROVIDED IN
- DING MATERIAL ABOVE THE SPRING LINE OF THE CTED AND APPROVED FOR BACKFILLING BY THE /ORKS STAFF.
- DISTRIBUTION SYSTEM SHALL BE MADE UNTIL ALL HING HAS BEEN COMPLETED. BE DONE IN THE PRESENCE OF A TOWN OF
- OR TO DISINFECTING AND/OR TESTING.
- CCORDANCE WITH THE REQUIREMENTS OF THE ROCEDURE SET FORTH IN AWWA C601, "STANDARD TION OF THE WATER LINE SHALL BE PERFORMED , FIRE HYDRANTS AND OTHER APPURTANCES ITH THE CHLORINATING AGENT TO INSURE THAT RNAL SURFACES.



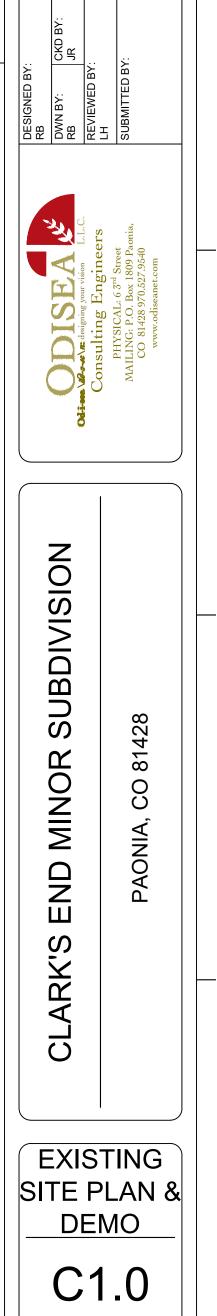


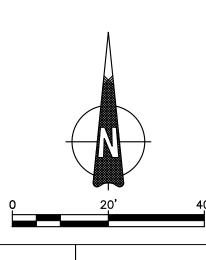
## DELTACOLCS ZONE "DCLCS" TRANVERSE MERCATOR PROJECTION POINT OF ORIGIN AND CENTRAL MERIDIAN: LATITUDE: 38°47'46.87099"N LONGITUDE: 107°44'12.48187"W NORTHING: 500,000 FT EASTING: 500,000 FT SCALE FACTOR: 1.000244447 PROJECT/SCALE FACTOR HEIGHT: 5243 FT (NAVD88)

EXISTING CONDITIONS:

EXISTING BOUNDARY INFORMATION AND TOPOGRAPHY HAS BEEN PROVIDED BY WILMORE & COMPANY PROFESSIONAL LAND SURVEYING, INC. THE CONTRACTOR SHALL REVIEW PLANS AND SHALL CONDUCT FIELD INVESTIGATIONS AS REQUIRED TO VERIFY THE EXISTING CONDITIONS ON THE PROJECT SITE.

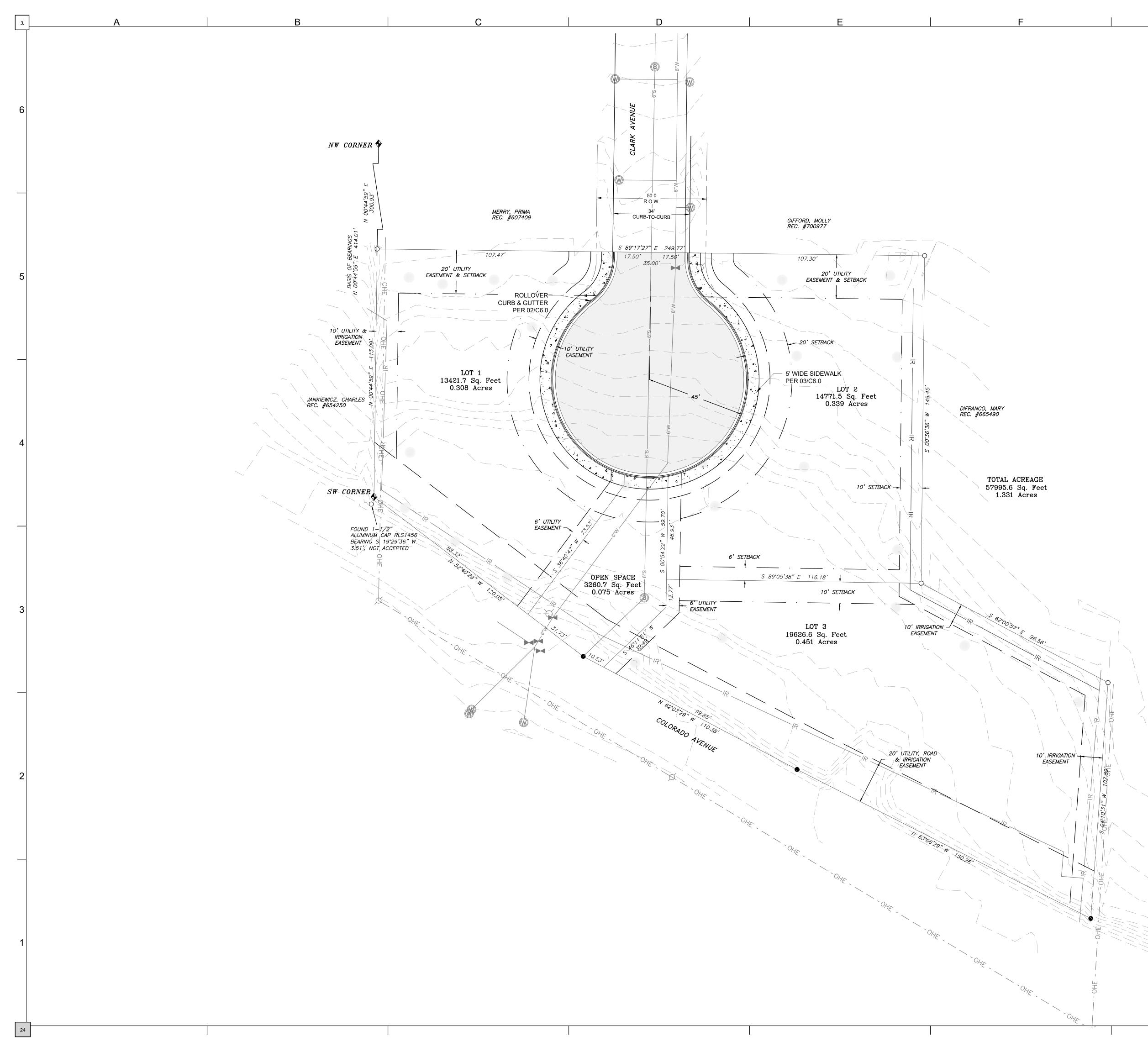
PROJECT L	EGEND	_						_
	PROPERTY LINE							
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	ROADWAY CENTERLINE							
	EASEMENT							
	BUILDING SETBACK							
	100-YR FLOODPLAIN							
6"W	EXISTING 8" WATER MAIN	$\sum_{i=1}^{n}$	_					
——6"S——	EXISTING 8" SANITARY SEWER MAIN	(						APPR.
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	EXISTING TREES OR TREELINE		_					
	DRAINAGE BASIN DELINEATION							
FH	EXISTING FIRE HYDRANT							
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	EXISTING WATER TAP STUB-OUT							
S	EXISTING SANITARY SEWER MANHOLE							
(S) (SS)	EXISTING SANITARY SEWER TAP STUB-OUT							z
	SURVEY SET 5/8" REBAR WITH 2" CAP							DESCRIPTION
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	SURVEY FOUND 5/8" REBAR WITH 2" CAP							
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	PROPOSED MINOR CONTOUR							
—-F0 —	PROPOSED UNDERGROUND FIBER OPTIC							30L
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——GAS——	PROPOSED UNDERGROUND GAS	_	1					
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8"W	PROPOSED 8" WATER MAIN	R 0					.0	y 17,
8"S	PROPOSED 8" SANITARY SEWER MAIN						1" = 20'	bruar
X	PROPOSED FIRE HYDRANT	7				 	PLOT SCALE: 1"	PLOT DATE: February 17, 2021
M	PROPOSED WATER VALVE	DATE: 2021.02.17				FILE NAME:	r SC⊿	r dat
$\square$	PROPOSED WATER METER	DATI 2021				FILE	РГОЛ	PL0]
	PROPOSED SANITARY SEWER MANHOLE					1		
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	PROPOSED WATER SERVICE		CKD BY:					
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Know what's **below. Call** before you dig.



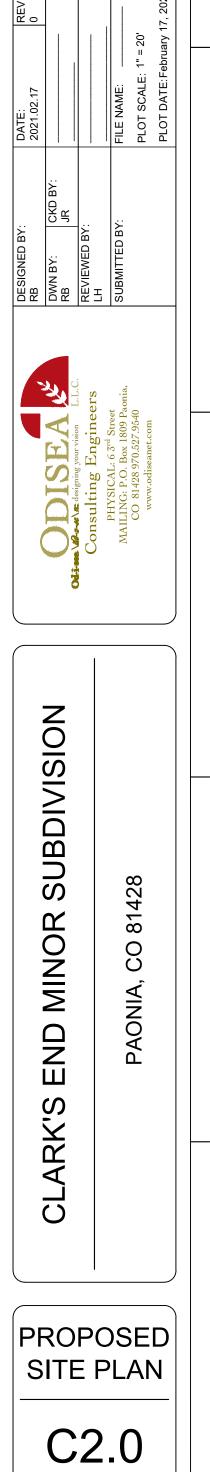
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M	PROPOSED WATER VALVE	<u>:</u> .02.17		AAME
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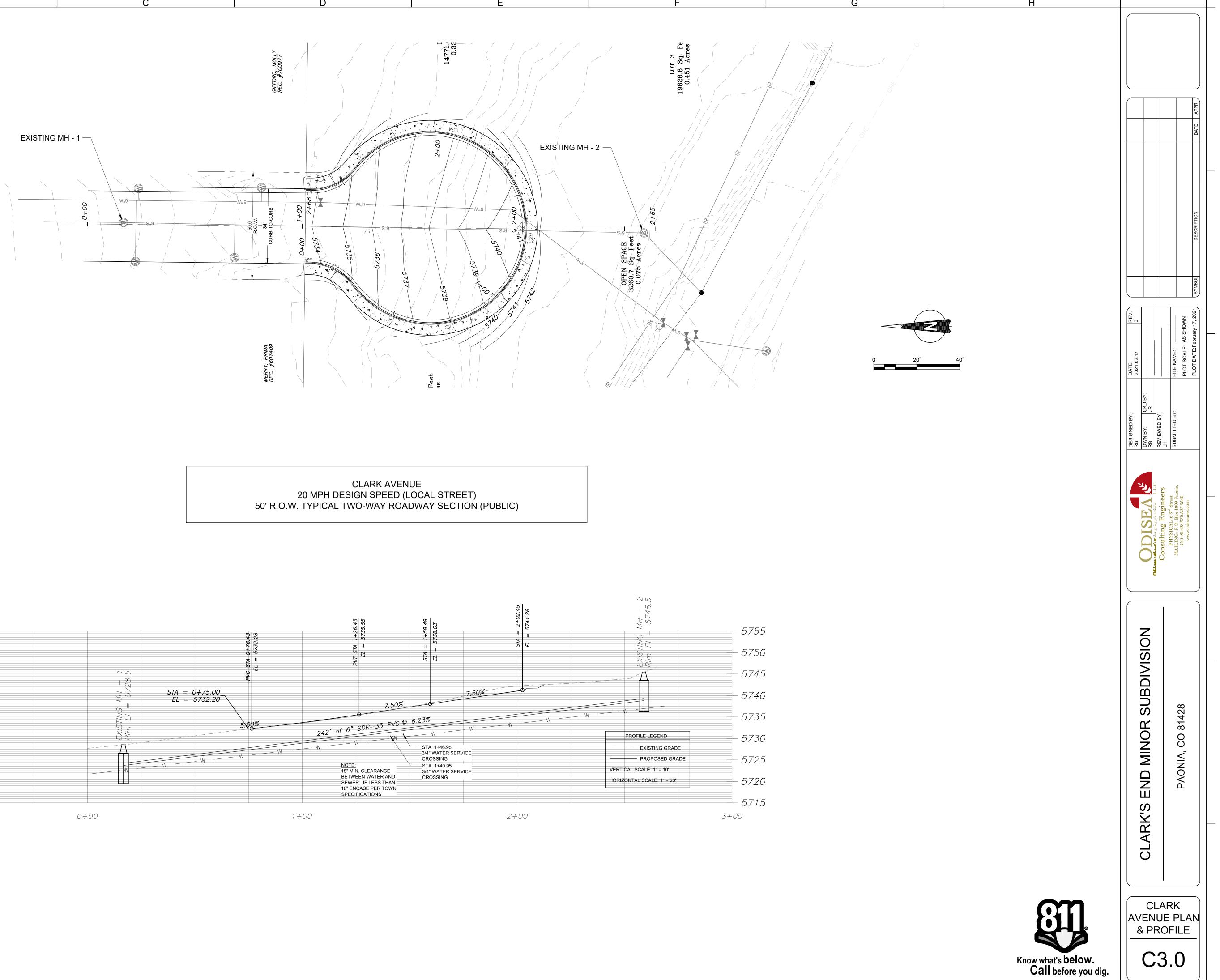
PROPOSED SANITARY SEWER SERVICE

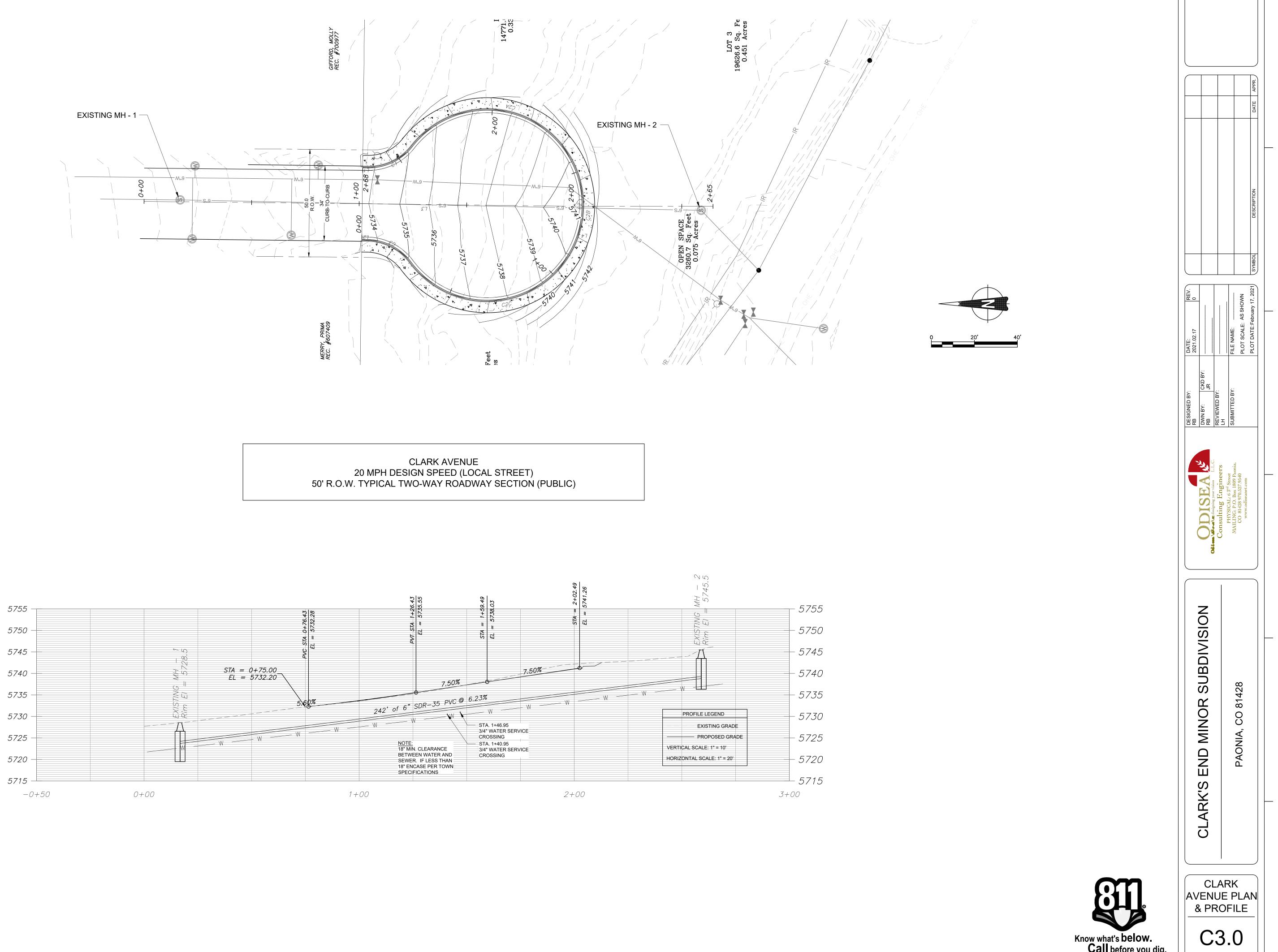
PROPOSED WATER SERVICE

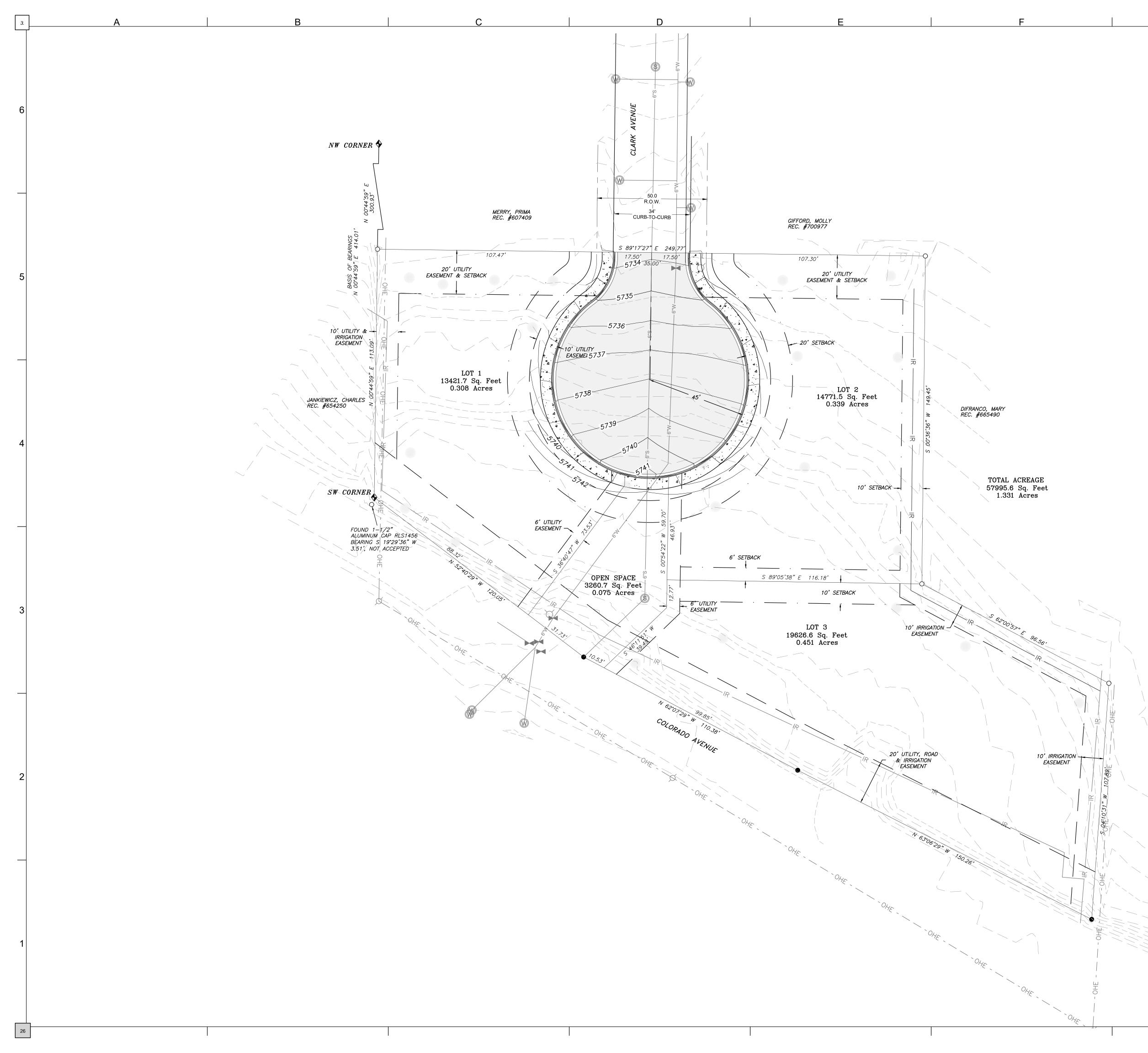
PROPOSED SANITARY SEWER MANHOLE







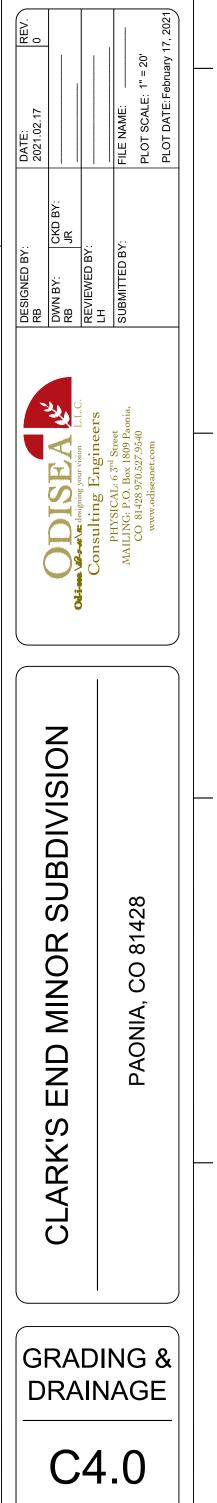


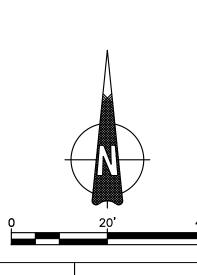


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	DRAINAGE BASIN DELINEATION							
FH	EXISTING FIRE HYDRANT							
	EXISTING WATER VALVE							
	EXISTING WATER TAP STUB-OUT							
S	EXISTING SANITARY SEWER MANHOLE							
SS	EXISTING SANITARY SEWER TAP STUB-OUT							z
	SURVEY SET 5/8" REBAR WITH 2" CAP							DESCRIPTION
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	SURVEY FOUND 5/8" REBAR WITH 2" CAP							
100	PROPOSED MAJOR CONTOUR							
	PROPOSED MINOR CONTOUR							
—-F0 —	PROPOSED UNDERGROUND FIBER OPTIC							BOL
UGT	PROPOSED UNDERGROUND TELEPHONE							SYMBOL
GAS	PROPOSED UNDERGROUND GAS							
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8"W	PROPOSED 8" WATER MAIN		ro	I			0	y 17,
8"S	PROPOSED 8" SANITARY SEWER MAIN						PLOT SCALE: 1" = 20	PLOT DATE: February 17, 2021
, and the second	PROPOSED FIRE HYDRANT		7			    іі	₹ JLE:	ΓE: Fe
	PROPOSED WATER VALVE	i	UALE: 2021.02.17			FILE NAME	L SC/	T DA <sup>-</sup>
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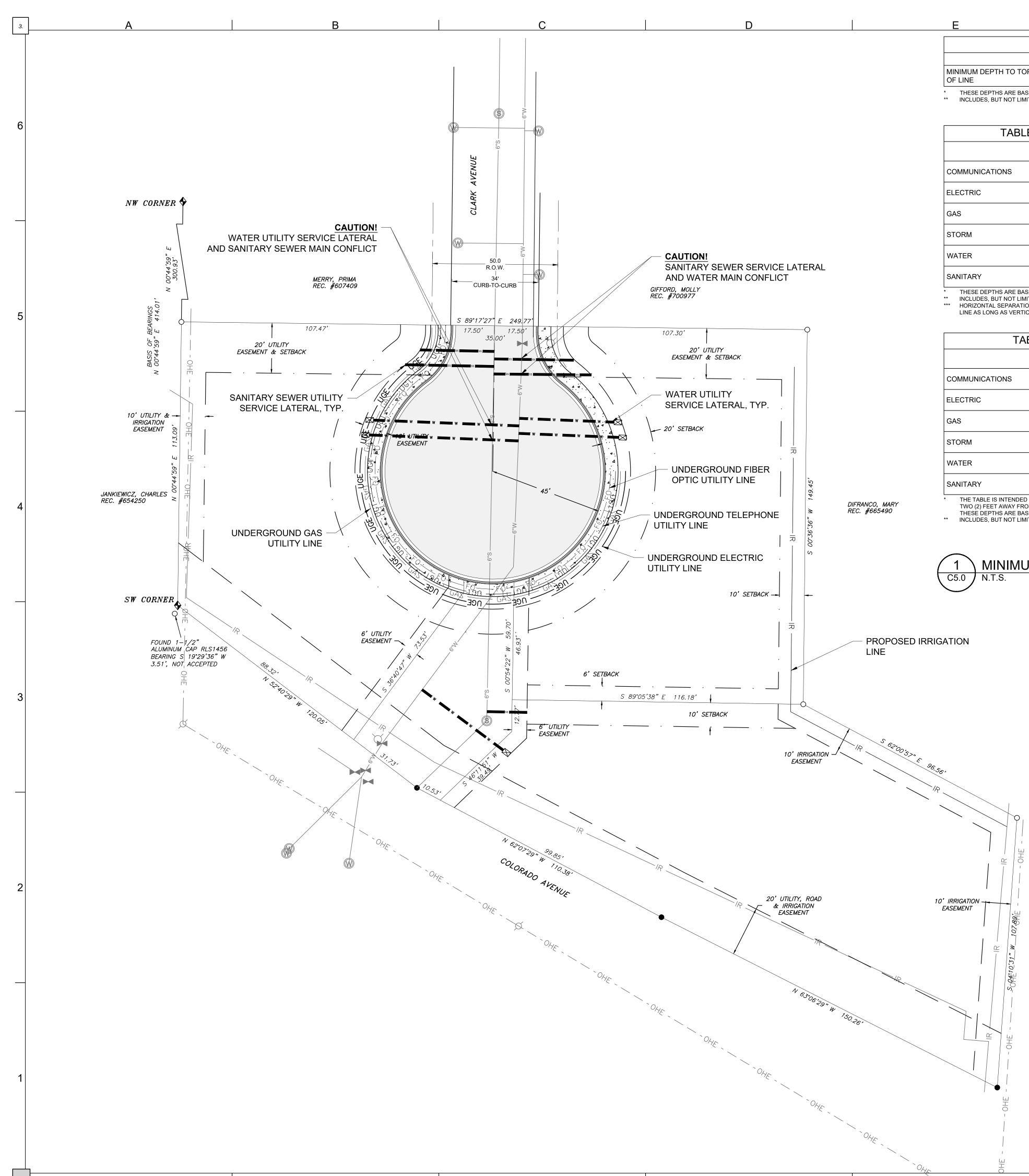
PROPOSED WATER SERVICE







Know what's **below. Call** before you dig.



E		F			G	
	TABLE 1	- MINIMUM DEP	TH TO TOP OF I	LINE (FEET)*		
	COMMUNICATIONS	ELECTRIC	GAS	STORM	WATER**	SANITARY
MINIMUM DEPTH TO TOP OF LINE	3	2	2 (2.5 MAX)	2	4	8
* THESE DEPTHS ARE BASED ( ** INCLUDES. BUT NOT LIMITED				ITH UTILITY PROVIDER FOR AN	Y UPDATES.	·

ICLUDES, BUT NOT LIMITED TO, POTABLE, RAW WATER, PRESSURIZED RAW WATER AND RE-USE WATER

# TABLE 2 - MINIMUM HORIZONTAL SEPARATION FOR PARALLEL UTILITIES (FEET)\*

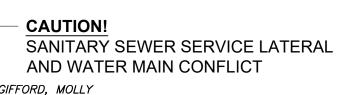
	COMMUNICATIONS	ELECTRIC	GAS	STORM	WATER**	SANITARY
COMMUNICATIONS	1	1	3	2	2	2
ELECTRIC	1	1	1	1	DEPTH OF WATER LINE MINUS 4'	DEPTH OF SANITARY LINE MINUS 4'
GAS	2	3	-	2	2	2
STORM	2	2	2	-	10	2
WATER	***	***	2	10	10	10
SANITARY	***	***	***	2	10	-

 \* THESE DEPTHS ARE BASED ON 2018 UTILITY STANDARDS. DEVELOPER/CONTRACTOR SHALL CONFIRM DEPTHS WITH UTILITY PROVIDER FOR ANY UPDATES.
 \*\* INCLUDES, BUT NOT LIMITED TO, POTABLE, RAW WATER, PRESSURIZED RAW WATER AND RE-USE WATER. \*\*\* HORIZONTAL SEPARATION IS NOT APPLICABLE, BECAUSE VERTICAL SEPARATION IS ACHIEVED. FOR EXAMPLE, A SHALLOW COMMUNICATIONS LINE CAN BE LOCATED ABOVE A WATER LINE AS LONG AS VERTICAL SEPARATION IS ACHIEVED.

TABLE 3 - MINIMUM VERTICAL SEPARATION AT UTILITY CROSSINGS (FEET)*									
	COMMUNICATIONS	ELECTRIC	GAS	STORM	WATER	SANITARY			
COMMUNICATIONS	1	1	1	2	2 ABOVE	2			
ELECTRIC	1	1	1	2	2 ABOVE	2			
GAS	1	1	1	2	2 ABOVE	2			
STORM	2	2	2	2	2 ABOVE	2			
WATER	2 BELOW	2 BELOW	2 BELOW	2 BELOW	2	2 ABOVE			
SANITARY	2	2	2	2 BELOW	2	2			
THE TABLE IS INTENDED TO BE READ BY FIRST SELECTING A ROW AND THEN A COLUMN. FOR EXAMPLE: WATER IS REQUIRED TO BE PLACE TWO (2) FEET BELOW COMMUNICATIONS, TWO (2) FEET AWAY FROM OTHER WATER LINES, AND TWO (2) FEET ABOVE SANITARY.									

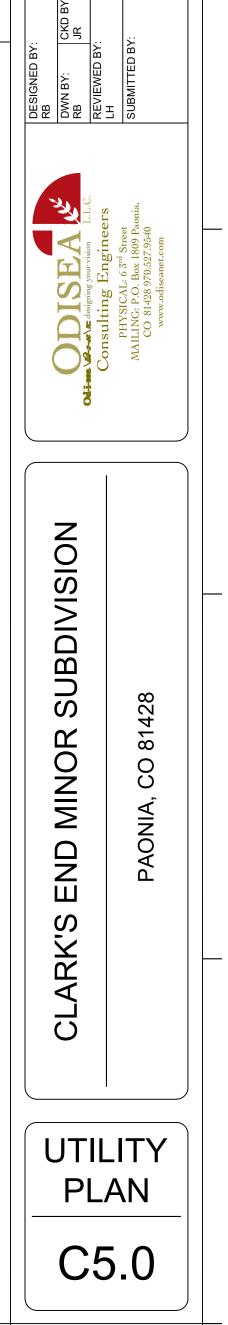
TWO (2) FEET AWAY FROM OTHER WATER LINES, AND TWO (2) FEET ABOVE SANITARY.
 THESE DEPTHS ARE BASED ON 2018 UTILITY STANDARDS. DEVELOPER/CONTRACTOR SHALL CONFIRM DEPTHS WITH UTILITY PROVIDER FOR ANY UPDATES.
 \*\* INCLUDES, BUT NOT LIMITED TO, POTABLE, RAW WATER, PRESSURIZED RAW WATER AND RE-USE WATER.

(1) MINIMUM UTILITY DEPTHS, HORIZONTAL & VERTICAL SEPARATION N.T.S.

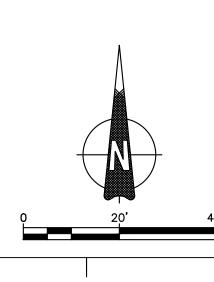




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	ROADWAY CENTERLINE		
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	BUILDING SETBACK		
	100-YR FLOODPLAIN		
6"W	EXISTING 8" WATER MAIN		
—_6"S——	EXISTING 8" SANITARY SEWER MAIN	(	
100	EXISTING MAJOR CONTOUR		
	EXISTING MINOR CONTOUR		
$\square$	EXISTING TREES OR TREELINE		
_	DRAINAGE BASIN DELINEATION		
FH	EXISTING FIRE HYDRANT		
M	EXISTING WATER VALVE		
	EXISTING WATER TAP STUB-OUT		
S	EXISTING SANITARY SEWER MANHOLE		
SS	EXISTING SANITARY SEWER TAP STUB-OUT		
	SURVEY SET 5/8" REBAR WITH 2" CAP		
$\bigcirc$	SURVEY FOUND 5/8" REBAR WITH 1.5" CAP		
	SURVEY FOUND 5/8" REBAR WITH 2" CAP		
— 100 ——	PROPOSED MAJOR CONTOUR		
	PROPOSED MINOR CONTOUR		
— F0 —	PROPOSED UNDERGROUND FIBER OPTIC		
— UGT—	PROPOSED UNDERGROUND TELEPHONE		
——GAS——	PROPOSED UNDERGROUND GAS		
— UGE—	PROPOSED UNDERGROUND ELECTRIC	REV. 0	
——8"W——	PROPOSED 8" WATER MAIN	20	
— 8"S —	PROPOSED 8" SANITARY SEWER MAIN		
ж,	PROPOSED FIRE HYDRANT	~	
M	PROPOSED WATER VALVE	DATE: 2021.02.17	
$\bowtie$	PROPOSED WATER METER	DAT 2021	
•	PROPOSED SANITARY SEWER MANHOLE		
SS	PROPOSED SANITARY SEWER SERVICE		CKD BY: JR

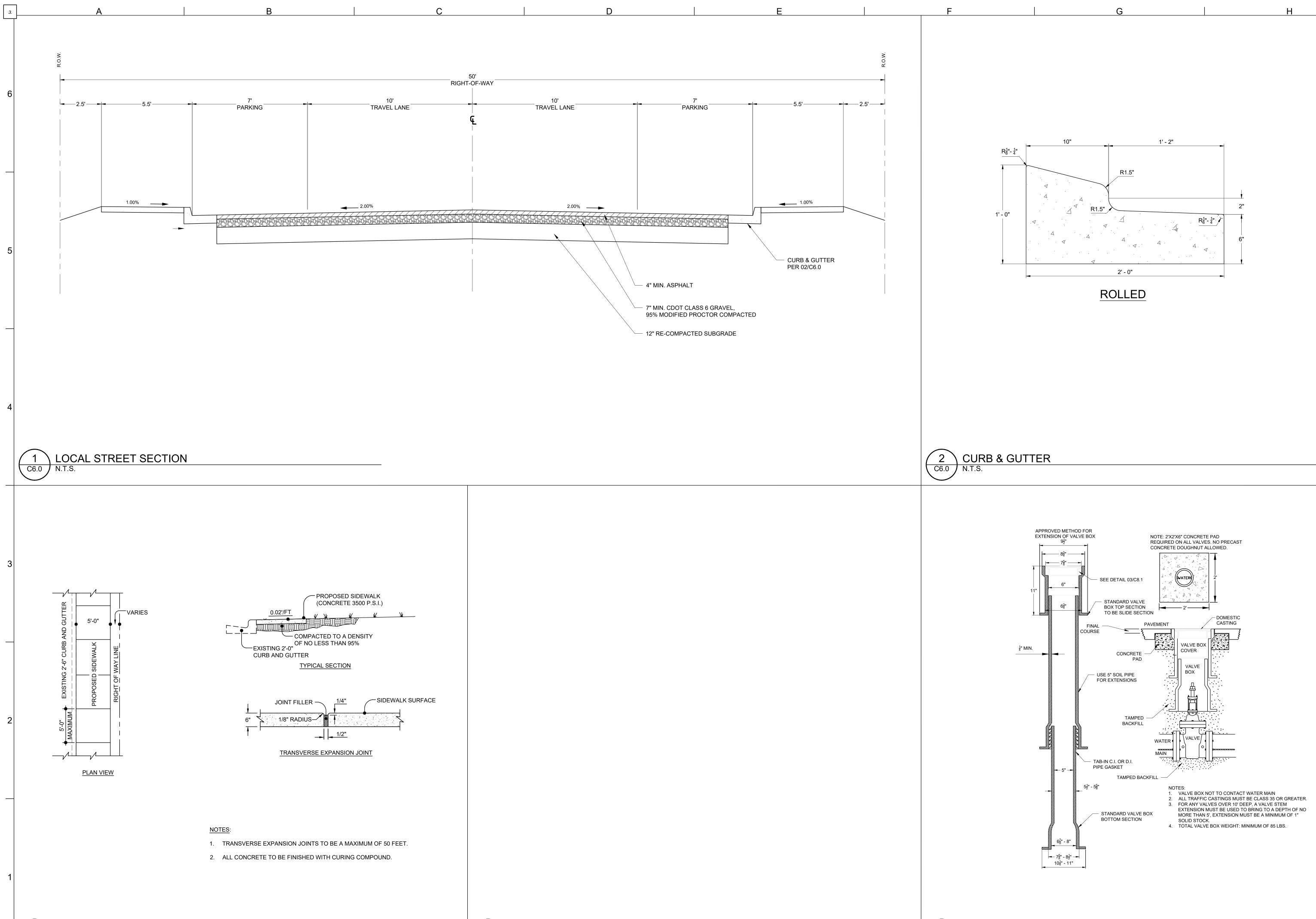


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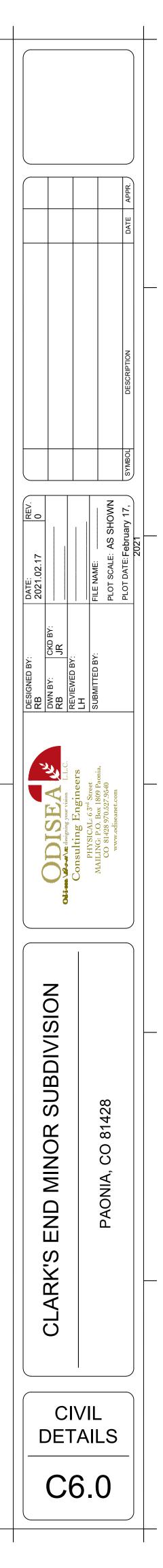
Know what's **below. Call** before you dig.

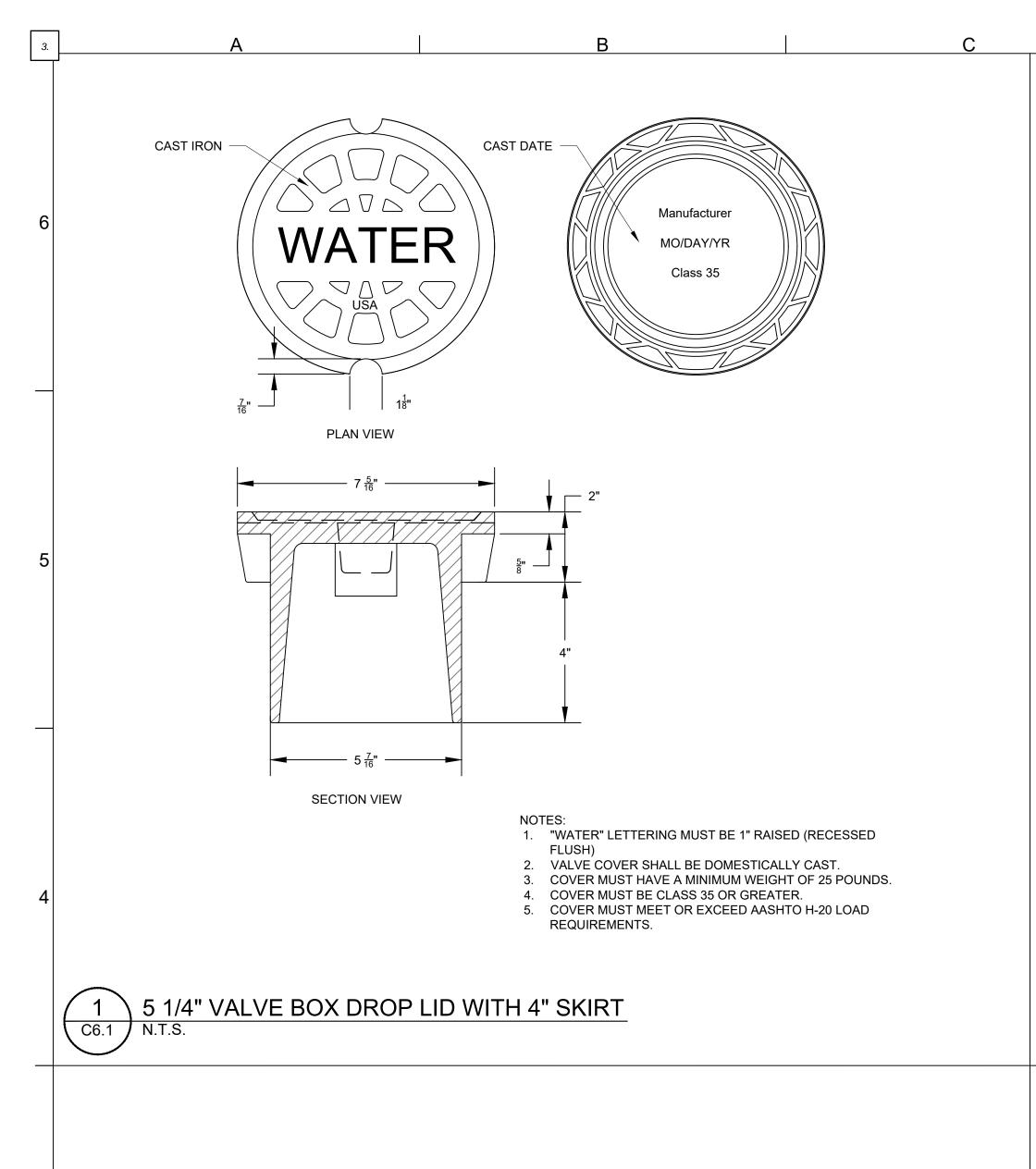


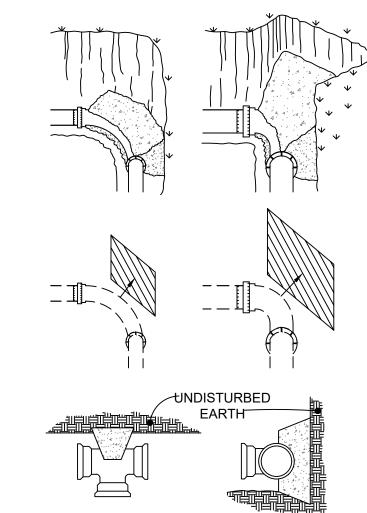
STANDARD SIDEWALK

C6.0









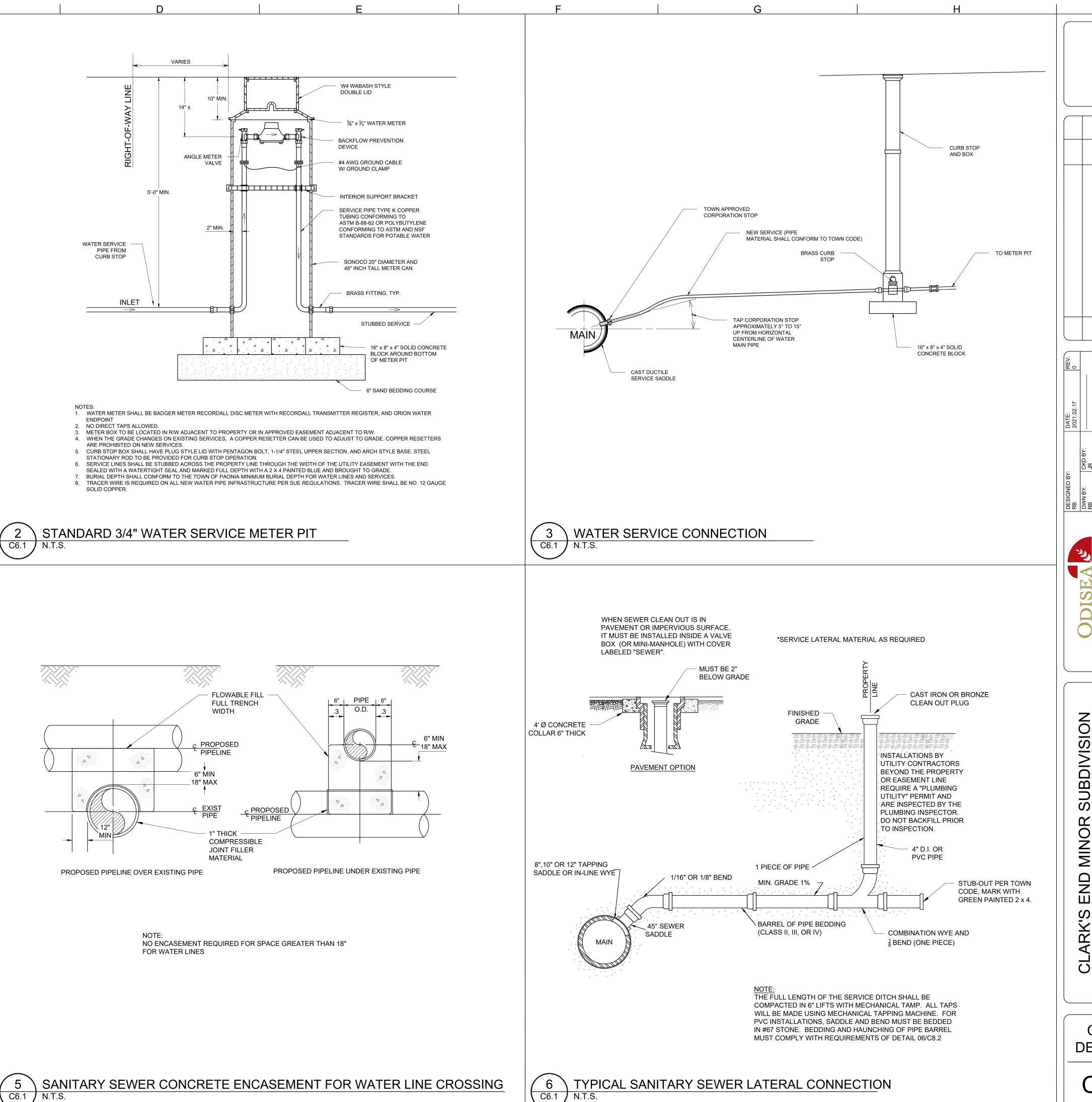
MINIMUM CONCRETE BLOCKING (C.Y.)*								
NOMINAL PIPE DIAMETER INCHES	TEES & DEAD ENDS	90° BEND	45° BEND	22 <sup>1</sup> ⁄2° BEND	11 <sup>1</sup> / <sub>4</sub> ° BEND			
4	1⁄3	1⁄3	1⁄3	1⁄3	1⁄3			
6	1⁄3	1⁄3	1⁄3	1⁄3	1/3			
8	1⁄3	1/2	1⁄3	1⁄3	1⁄3			
10	2⁄3	3⁄4	1/2	1⁄3	1⁄3			
12	3⁄4	1.0	2/3	1⁄3	1⁄3			

NOTES

1. FITTING SHALL BE WRAPPED WITH A MINIMUM 4 MIL PLASTIC.

- 2. NO CONCRETE SHALL COVER BOLTS OR GLANDS.
- 3. PIPE DIAMETERS BEYOND 12 INCHES SHALL UTILIZE A PROFESSIONAL ENGINEER'S SEALED DESIGN CONSISTING OF RESTRAINED JOINT PIPE OR BLOCKING.

\* CONCRETE SHALL BE 3,000 P.S.I. MIX.



# C6.1 N.T.S.

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DIS designing yo **SUBDIVISION** 81428 MINOR CO PAONIA, END S ARK' C CIVIL DETAILS C6.1

Ordinance -TBD Accessory Dwelling Units



Summary:

Review and recommendations regarding a zoning modification to allow accessory dwelling units (ADU's) in the R-1 zone district.

Lucy Hunter: Mary Bachran:	Vote:	Barb Heck:	Karen Budinger:	Monica Foguth:
	Lucy Hunter:	Mary Bachran:		

### ORDINANCE NO. 2021-\_\_\_\_

### AN ORDINANCE OF THE BOARD OF TRUSTEES OF THE TOWN OF PAONIA, COLORADO, AMENDING CERTAIN PROVISIONS OF CHAPTER 16 OF THE TOWN OF PAONIA MUNICIPAL CODE

### **RECITALS:**

**WHEREAS**, the Town of Paonia (the "**Town**"), in the County of Delta and State of Colorado, is a municipal corporation duly organized and existing under the laws of the State of Colorado; and

WHEREAS, the Town pursuant to C.R.S. 31-4-101, the Town has certain legislative powers; and

WHEREAS, pursuant to C.R.S. § 31-23-301, the Town has the power to regulate buildings and other structures for the purposes of promoting health, safety, and the general welfare of the community; and

**WHEREAS,** the use of Accessory Dwelling Units ("ADUs") has been recognized to be an effective means to improve affordable housing, and provide additional dwelling units within a community; and

**WHEREAS**, to offset housing costs and to create additional housing within the Town of Paonia, the Board of Trustees wishes to amend the Town Code to allow for ADUs within the Town; and

**WHEREAS**, the Board of Trustees determines that it is in the best interest of the community and the public health, safety and welfare of the citizens of the Town to amend the Town Code to add certain provision to the Municipal Code.

### NOW THEREFORE, BE IT ORDAINED BY THE BOARD OF TRUSTEES OF THE TOWN OF PAONIA, COLORADO, AS FOLLOWS:

### Section 1. Legislative Findings.

The recitals to this Ordinance are adopted as findings of the Board of Trustees in support of the enactment of this Ordinance.

### Section 2. Amendment of Town Code.

(A) The definition of "*Accessory building, structure or use*" under Sec. 16-1-100 is repealed and amended to read as follows:

"Accessory building, structure or use' means a building, structure or use located on the same lot as the principal building, structure or use, which is clearly incidental to and subordinate to and customarily found in connection with the principal building

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structure or use. Accessory buildings, structures or uses shall not be used for living or sleeping quarters unless such accessory building, structures or uses shall meet the requirements of Sec. 16-

(B) The definition of "*Dwelling Unit, accessory*" is added to under Sec. 16-1-100 to read as follows:

"Dwelling Unit, accessory' means A dwelling unit located within, attached to, or detached from the principal dwelling, that contains no more than 800 square feet of gross floor area, the use of which is associated with and subordinate to the principal dwelling and that is located upon the same lot as the principal dwelling."

### Section 3. <u>Addition to the Town Code</u>.

(A) The following Sec. 16-3-65 is added to the Town Code as follows:

Sec. 16-3-65. – Accessory Dwelling Units.

- (a) ADU's as defined in Sec. 16-1-100 are only allowed as accessory to a single-family dwelling and within the R-1 Low-Density Residential District. Only one ADU per single-family dwelling is permitted.
- (b) The accessory dwelling unit must be constructed in accordance with applicable requirements of the Town Building Codes. It may be attached or detached to the principal single-family dwelling. Applicable lot dimensional requirements for a single-family dwelling as set out in 16- must be met.
- (c) One off-street parking space shall be provided for the accessory dwelling unit in addition to any other required off-street parking.
- (d) The accessory dwelling unit may not exceed 800 square feet of gross floor area.
- (e) One of the dwelling units on the property must be, and remain, owner occupied.
- (f) A minimum of a 90-day rental period shall be required by written lease.
- (g) The accessory dwelling unit must be owned together with the principal residential unit, and the lot or parcel upon which they are located, in undivided ownership.

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- (h) The accessory dwelling unit may be served off of the water or sewer tap for the principal residence, in which case it shall not be subject to additional tap fees.
- (i) The burden shall be upon the owner of any accessory dwelling unit to provide adequate proof to the Town that the criteria of this Section are met. In the event that the Town determines that the criteria has not been shown to be satisfied, the unit may not be occupied as a residence.
- (j) A dwelling unit constructed before a principal single-family dwelling, which meets these criteria, may be converted to an accessory dwelling unit following construction of a new principal dwelling unit.

### Section 4. Severability.

If any provision, clause, sentence or paragraph of this Ordinance or the application thereof to any person or circumstance shall be held invalid, such invalidity shall not affect the other provisions of this Ordinance which can be given effect without the invalid provision or application, and, to this end, the provisions of this Ordinance are declared to be severable.

### Section 5. Repeal of Prior Ordinances.

All other ordinances or parts of ordinances in conflict herewith are hereby repealed.

### Section 5. Ordinance Effect.

Existing ordinances or parts of ordinances covering the same matters as embraced in this Ordinance are hereby repealed and any and all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are hereby repealed, provided, however, that the repeal of any ordinance or parts of ordinances of the Town shall not revive any other section of any ordinance or ordinances hereto before repealed or superseded and further provided that this repeal shall not affect or prevent the prosecution or punishment of any person for any act done or committed in violation of any ordinance hereby repealed prior to the taking effect of this Ordinance.

### Section 6. Effective Date.

This Ordinance shall take effect thirty days after adoption. Notwithstanding the foregoing, the Town shall not issue a certificate of occupancy for an accessory dwelling unit unless or until there is a repeal on the Town wide water tap sale moratorium.

### THIS SECTION LEFT INTENTIONALLY BLANK

INTRODUCED, READ, AND REFERRED for second reading before the Board of Trustees of the Town of Paonia, Colorado, on the 23<sup>rd</sup> day of February 2021.

### TOWN OF PAONIA, COLORADO, A MUNICIPAL CORPORATION

By:\_\_\_

Mary Bachran, Mayor

ATTEST:

4.

CORINNE FERGUSON, Town Clerk

HEARD AND FINALLY ADOPTED by the Board of Trustees of the Town of Paonia, Colorado, this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

TOWN OF PAONIA, COLORADO, A MUNICIPAL CORPORATION

ATTEST:

By: \_\_\_

Mary Bachran, Mayor

Corinne Ferguson, Town Administrator/Clerk

## ADU Summary

December 2020

Accessory Dwelling Unit (ADU): Defined as a dwelling unit with all necessary facilities (kitchen, bathroom) distinct from the primary home, whether attached or detached, in the R-1 zone

GAPS Recommendations to be added to code and/or ordinance to allow ADUs

- 1. Code adjustments
  - a. Remove restrictive and unclear land-to-development ratio from Chapter 16, article 3. Instead, rely on required setbacks to ensure compatibility with neighborhood character
  - b. Do not include a lot square footage minimum (R-2 has a minimum 8,000 sq ft for a duplex)
- 2. Water requirements
  - a. Moratorium: Review with town attorney, but current understanding of the moratorium may allow for an ADU in cases where no extension of the line is required (ex. Converted garage already has water/sewer service). However, extension of a line would be disallowed by the moratorium.
  - b. When available, the allowable method to extend water to an ADU would be based on tap size; Public Works has existing guidelines on tap service capabilities
    - i. If the tap is large enough to service the anticipated water use of an extension, the homeowner can use the existing tap and add a meter for the ADU.
    - ii. If the tap is not large enough to service the anticipated water use, the homeowner would have to enlarge the tap (3/4" to 1" service) and pay the tap fee difference or purchase an additional tap
- 3. Parking
  - a. Recommend no minimum parking requirement for an ADU; rather, the homeowner would have to demonstrate on their application that adequate parking is available to meet their needs (whether on property or on street, in line with neighborhood character)
- 4. Size restrictions
  - a. Limit to the greater of 500 sq ft, or 25% of the primary dwelling floor area
  - b. Maximum 2 bedrooms/1 bathroom
  - c. No more than 1 ADU and 1 primary dwelling per R-1 lot
- 5. Relationship to Short-term Rentals (STRs)
  - a. Short-term rental would not be an allowable use for ADUs until the board establishes STR regulations, which are also currently under review but may take longer to finalize

# Board action requested: Suggestions for changes and/or direction to prepare a draft ordinance based on these recommendations