Community & Economic Development Department adcogov.org



4430 South Adams County Parkway 1st Floor, Suite W2000B Brighton, CO 80601-8218

PHONE 720.523.6800

EMAIL epermitcenter@adcogov.org

Request for Comments

Case Name: Elmwood North, Filing No. 1 Minor Sunbdivision Final Plat

Case Number: PLT2024-00017

July 25, 2024

The Adams County Planning Commission is requesting comments on the following application: **Minor Subdivision final plat to create two lots within the Sherrelwood Village/Elmwood North Planned Unit Development.** This request is located at 8000 PECOS ST. The Assessor's Parcel Number is 0171928400003, 0171933100009, 0171933124036, 0171933124037, 0171933124038, 0171933124039, 0171933124057.

Applicant Information:

ROBERT PALMER 2595 PONDEROSA RAOD FRANKTOWN, CO 80116

Please forward any written comments on this application to the Community and Economic Development Department at 4430 South Adams County Parkway, Suite W2000A Brighton, CO 80601-8216 or call (720) 523-6800 by 08/16/2024 in order that your comments may be taken into consideration in the review of this case. If you would like your comments included verbatim please send your response by way of e-mail to NEagleson@adcogov.org.

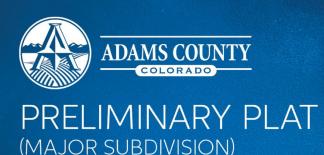
Once comments have been received and the staff report written, the staff report and notice of public hearing dates may be forwarded to you upon request. The full text of the proposed request and additional colored maps can be obtained by contacting this office or by accessing the Adams County web site at www.adcogov.org/current-land-use-cases.

Thank you for your review of this case.

Nick Eagleson

Senior Strategic Planner

Nick Eagleson



Community & Economic Development Department Planning & Development

4430 S. Adams County Pkwy., 1st Floor, Suite W2000B

Brighton, CO 80601-8218

Phone: 720.523.6800 Website: adcogov.org

A major subdivision shall only be used to divide parcels of twenty (20) or more acres or create five (5) or more lots. The first approval required is the preliminary plat. The preliminary plat provides an in-depth analysis of the proposed subdivision, including design of geologic hazards, environmentally sensitive areas, required services, vehicular/pedestrian circulation, and the relationship to surrounding land uses.

Please include this page with your submittal. More information about checklist items can be found on page 2-3. Submittal instructions are at the top of page 2.

Required Checklist Items Development Application Form Written Explanation Preliminary Plat Legal Description Conceptual Site Plan Proof of Ownership Proof of Water and Sewer Services Proof of Utilities Certificate of Taxes Paid Storm Drainage Study Trip Generation Analysis Receipt of Payment from the Colorado Geological Survey Supplementary Checklist Items School Impact Analysis

Fees Due When Application is Deemed Complete				
Major Subdivision Preliminary Plat	\$1,400			

Community & Economic Development Department www.adcogov.org



4430 South Adams County Parkway 1st Floor, Suite W2000 Brighton, CO 80601-8204 PHONE 720.523.6800 FAX 720.523.6998

Development Application

Application Ty	pe:		
St St Pl	onceptual Review Preliminary PU ubdivision, Preliminary Final PUD ubdivision, Final Rezone at Correction/ Vacation Special Use	☐ Variance☐ Condition☐ Other: P	nal Use reliminary Plat
Have	e you attended a Conceptual Review?	YES 🗾	NO NO
If Ye	s, please list PRE#: PRE2024-00022		
APPLICANT			
Name(s):	Rose Gallucci	Company:	Delwest
Address:	8000 Pecos Street		
City, State, Zip:	Denver, CO 80209		
Phone #:	720-708-4065	Email:	rose@delwest.com
OWNER			
Name(s):	Elmwood North LLC-Joe DelZotto	Phone #:	720-708-4065
Address:	155 S. Madison Street Suite 326		
City, State, Zip:	Denver, CO 80209		
2nd Phone #:	303-888-8048	Email:	jad@delwest.com
TECHNICAL R	EPRESENTATIVE (Consultant, Eng	gineer, Survey	or, Architect, etc.)
Name:	Robert Palmer, PE	Company:	Strategic Land Solutions, Inc.
Address:	2595 Ponderosa Road		
City, State, Zip:	Franktown, CO 80116		
Phone #:	720-384-7661	Email:	rpalmer@strategicls.net

DESCRIPTION OF SITE

Address:	8000 Pecos Street
City, State, Zip:	Denver, CO 80221
Area (acres or square feet):	3.29 Acres
Tax Assessor Parcel Number	0171928400003, 0171933100009, 0171933124057, 0171933124036, 0171933124037, 0171933124038, 0171933124039
Existing Zoning:	P-U-D
Existing Land Use:	Vacant
Proposed Land Use:	Multi-Family, roads, parking, and landscaping
I hereby certify the	at I am making this application as owner of the above described property or acting

I hereby certify that I am making this application as owner of the above described property or acting under the authority of the owner (attached authorization, if not owner). I am familiar with all pertinent requirements, procedures, and fees of the County. I understand that the Application Review Fee is non-refundable. All statements made on this form and additional application materials are true to the best of my knowledge and belief.

Name: Joe DelZotto Date: 06/18/2024

Owner's Printed Name

Name:

Owner's Signature

Friday - May 31, 2024

Sent Via: ☐ 1st Class ☐ FedEx ☐ Courier ☐ Hand Deliver

□ UPLOAD: E PERMIT CENTER

ADAMS COUNTY

Planning Department 4430 S. Adams County Pkwy. 1st floor, Suite W2000B Brighton, CO 80601-8218

Facsimile to:

Attention: Mr. Greg Barnes

Dear Mr. Barnes,

<u>Project Description-Preliminary Plat</u>

ELMWOOD NORTH TOWNHOMES

8000 N. Pecos Street
Unincorporated Adams County (Denver), CO

SLS JN: 24-0024-01

Elmwood North, LLC. Is planning to develop the 3.3 Acres of vacant land north of Sherrelwood Village single-family homes (N. 79th Way) with 70 Townhome units, roads, utilities, landscaping, and resident amenities. The site is located within the existing Sherrelwood Village Amendment 1 Planned Unit Development.

Sherrelwood Village Amendment 1 Planned Unit Development was approved for 40 multi-family units, and therefore, this project includes a Plat Vacation/Correction, a Preliminary Development Plan Major Modification, a Preliminary Plat, a Final Plat, and a Final Development Plan to incorporate the current townhome design and density.

Furthermore, Elmwood North, LLC. is proposing a privately maintained road through the project, which would include a 30-feet wide public access and public utility easement. The road is proposed as private, so that parking can be installed along the street, which does not meet any current Adams County public street section requirements. The street adjacent parking allows for more efficient use of the site and allows for a greater unit density providing a more efficient housing product. As part of the final design clear signage will be shown demarking the private road from the public roads, so that county maintenance staff can easily determine the limits of their maintenance area. A public access and utility easement will be provided over the roads and adjacent sidewalks, so that street and pedestrian access will operate as public access. Sidewalk connection will be provided through the site to N. Pecos Street and N. 79th Way.

As shown on the attached conceptual utility plan, the proposed sanitary sewer includes a section of new 8-inch main that will tie into the existing public sanitary sewer located in N. 79th Way south of the development. The proposed water system will connect to the existing main in N. 79th Way, where it will continue through the project tying into the existing water main in N. Pecos Street creating a water loop. A section of water main currently connecting the mains in N. 79th Way and N. Pecos Street will be abandoned, and the existing easement will be vacated. The proposed water main will replace the portion of water main being abandoned, and it completes the water loop in a manner that will provide more efficient fire service and water service to the proposed development. The water and sewer will be provided by the city of Thornton utility department. Will serve letters are included with this submittal. The water and sewer services for this project were modeled as part of the single-family residences project south of the site, and therefore, the existing water and sanitary sewer mains are sized to accommodate this townhome project.

Runoff water quality treatment and detention will be provided by modifying the detention pond constructed with the single-family development. Runoff from this area was included in the drainage calculations and pond sizing for the single-family development to the south. The detention pond will be modified to include the additional required detention and water quality volume, and the outlet control structure will be modified to incorporate the revised waste surface elevations and allowable release rates. The streets and storm drain system in the single-family development are sized to convey the flow form this project to the detention pond. Therefore, the proposed townhome development will not adversely affect the existing development to the south. A drainage report will pe provided with the engineering drawings showing conformance to the existing approved drainage report.

Mr. Greg Barnes
Project Description
Friday – May 31, 2024
Page 2



As described above, Elmwood North, LLC. is proposing a townhome project north of N. 79th Way. The area is shown as a townhome project in the current P.U.D., but an amendment is being sought to show the current townhome layout and density. The proposed utilities were included in the single-family development, so no service issues are expected. Please feel free to reach out to me if there are any questions about what is being offered.

Sincerely,

STRATEGIC LAND SOLUTIONS, INC.

Robert J. Palmer, PE (CO, NM, AZ, WY, MT)
President for SLS, Inc. A Colorado Corporation

Attachments: As noted above.

cc: Mr. Joe Delzotto, Elmwood North, LLC. via: <u>jad@delwest.com</u>



ADAMS COUNTY COLORADO TREASURER'S OFFICE RECEIPT OF PAYMENT

Account	Parcel Number	Receipt Date	Receipt Number
R0060226	0171928400003	Apr 30, 2024	2024-04-30-WEB-22947

ELMWOOD NORTH LLC 8000 PECOS ST DENVER, CO 80221-3979

Situs Address	Payor
8000 PECOS ST	Anthony Bui

Legal Description

SECT, TWN, RNG 33-2-68 DESC: BEG AT THE N4 COR OF SEC 33 TH N 89D 55M 33S E A DIST OF 30 FT TO A PT SD PT BEING THE POB TH THE FOL COURSES AND DIST N 00D 00M 00S E 295/42 FT S 82D 26M 14S E 20/18 FT S 82D 26M 14S E 8/04 FT S 76D 32M 09S E 178/58 FT S 21D 24M 11S E 268/24 FT S 89D 55M 33S W 299/53 FT TO THE POB EXC RD (BK 3720 PG 279) 1/48A

Property Code	Actual	Assessed	Year	Area	Mill Levy
VACANT RESIDENTIAL - 0100	406,148	113,320	2023	490	113.471

Payments Received

E-check Multi-Account Payment

Paymen	nts Applied				
Year	Charges	Billed	Prior Payments	New Payments	Balance
2023	Tax Charge	\$12,858.54	\$0.00	\$12,858.54	\$0.00
				\$12,858.54	\$0.00
		Bala	nce Due as of Apr 30, 20	24	\$0.00

ALL CHECKS ARE SUBJECT TO FINAL COLLECTION. THANK YOU FOR YOUR PAYMENT!

EMAIL: treasurer@adcogov.org | PHONE: 720.523.6160 | WEBSITE: www.adcotax.com



ADAMS COUNTY COLORADO TREASURER'S OFFICE RECEIPT OF PAYMENT

 Account
 Parcel Number
 Receipt Date
 Receipt Number

 R0067193
 0171933100009
 Apr 30, 2024
 2024-04-30-WEB-22947

ELMWOOD NORTH LLC 8000 PECOS ST DENVER, CO 80221-3979

.....

Situs AddressPayor7996 PECOS STAnthony Bui

Legal Description

SECT,TWN,RNG:33-2-68 DESC: BEG AT A PT ON E LN N PECOS ST 20 FT S OF N LN SEC 33 TH S ALG E LN PECOS ST 208 FT TH E 208 FT TH N AT R/A 208 FT M/L TO A PT 20 FT S OF N LN SD SEC TH W 208 FT M/L TO POB 1A

Property CodeActualAssessedYearAreaMill LevyVACANT RESIDENTIAL - 0100348,48097,2302023490113.471

Payments Received

E-check Multi-Account Payment

Payments Applied Year Charges Billed **Prior Payments** New Payments Balance 2023 \$11,032.80 \$11,032.80 Tax Charge \$0.00 \$0.00 \$11,032.80 \$0.00 Balance Due as of Apr 30, 2024 \$0.00

ALL CHECKS ARE SUBJECT TO FINAL COLLECTION. THANK YOU FOR YOUR PAYMENT!

EMAIL: treasurer@adcogov.org | PHONE: 720.523.6160 | WEBSITE: www.adcotax.com

A PARCEL OF LAND BEING LOT 1, BLOCK 4, SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2022000050487, TOGETHER WITH THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000073502 AND THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000075343, ALL IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN THE SOUTHEAST QUARTER OF SECTION 28 AND THE NORTHEAST QUARTER OF SECTION 33, BOTH IN TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF ADAMS, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 33, THENCE N 89°30'30" E, ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 50.00 FEET TO A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY THAT RESOLUTION RECORDED IN BOOK 3270 AT PAGE 279, SAID ADAMS COUNTY RECORDS AND THE POINT OF BEGINNING;

THENCE N 00°14'47" W, ALONG THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY, AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28, A DISTANCE OF 293.01 FEET TO A POINT ON THE NORTH LINE OF SAID PARCEL OF LAND DESCRIBED IN BOOK 3254 AT PAGE 139; THENCE S 82°41'00" E, ALONG SAID NORTH LINE, A DISTANCE OF 8.12 FEET TO THE WEST CORNER OF PARCEL D, AS DESCRIBED IN THAT QUIT CLAIM DEED RECORDED IN BOOK 3251 AT PAGE 924;

THENCE ALONG THE SOUTH AND WEST LINES OF SAID PARCEL D, THE FOLLOWING TWO (2) COURSES:

- 1. S 76°46'56" E, A DISTANCE OF 178.56 FEET;
- S 21°38'59" E, ALONG THE EAST LINES OF SAID PARCEL DESCRIBED IN BOOK 3254 AT PAGE 139 AND SAID SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1, A DISTANCE OF 459.50 FEET TO THE EAST CORNER OF LOT 1, BLOCK 4, SAID SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1;

THENCE ALONG THE EAST, SOUTH AND WEST LINES OF SAID LOT 1, BLOCK 4, THE FOLLOWING ELEVEN (11) COURSES:

- 1. S 12°19'21" W, A DISTANCE OF 57.53 FEET TO A POINT ON THE NORTH LINE OF WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SHERRELWOOD VILLAGE PLAT, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 AND A POINT OF NON-TANGENT CURVATURE;
- 2. ALONG THE ARC OF A NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 09°04'20" AND AN ARC LENGTH OF 6.02 FEET, THE CHORD OF WHICH BEARS N85°25'57" W, A DISTANCE OF 6.02 FEET:
- 3. N 89°58'07" W, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE;
- 4. ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 90°00'00" AND AN ARC LENGTH OF 59.69 FEET;
- 5. N 00°01'53" E, A DISTANCE OF 11.47 FEET;
- 6. N 89°58'07" W, A DISTANCE OF 90.00 FEET TO A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT;
- 7. N 00°01'53" E, ALONG SAID EAST LINE, A DISTANCE OF 30.01 FEET TO A POINT ON THE SOUTH LINE OF THAT PARCEL OF LAND DESCRIBED IN SAID RECEPTION NO. 2019000073502;
- 8. S 89°30'30" W, ALONG A LINE BEING PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BDING 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- 9. N 00°01'53" E, ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 208.00 FEET TO A POINT BEING 20.00 FEET SOUTH OF THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- 10. N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BEING 50.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, ALSO BEING A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT;
- 11. THENCE N 00°01'53" E, ALONG SAID EAST LINE AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO THE POINT OF BEGINNING.

Elmwood Townhomes-Elmwood North Filing No. 2

8000 N. Pecos Street Denver, Colorado (Adams County)

PRELIMINARY (LEVEL 2) DRAINAGE REPORT

Strategic Land Solutions, Inc. JN: 24-023-01 Report Date/History: May 31, 2024 Revised:

Prepared for:



ATTN: Mr. Joe DelZotto – President Delwest Development Corp. 155 South Madison Street Suite 326 Denver, CO 80209 720-708-4065

Email: jad@delwest.com

Prepared by:



Robert J. Palmer, P.E., as President

Strategic Land Solutions, Inc.

2595 Ponderosa Road Franktown, CO 80116 Phone (720) 384-7661 Email rpalmer@strategicls.net

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Published by Strategic Land Solutions, Inc. (2595 Ponderosa Road, Franktown, CO 80116, www.strategicls.net, 720-384-7661 phone)

PRELIMINARY (LEVEL 2) DRAINAGE REPORT

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APPENDICES

APPENDIX A: HYDROLOGIC COMPUTATIONS APPENDIX B: HYDRAULIC COMPUTATIONS

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PRELIMINARY (LEVEL 2) DRAINAGE REPORT

Friday – March 31, 2024 Page ii



ENGINEER'S CERTIFICATION

I hereby certify that this report (plan) for the Preliminary Drainage design of Elmwood North was prepared by me or under my direct supervision in accordance with the provisions of Adams County Storm Drainage Design and Technical Criteria for the owners thereof. I understand that Adams County does not and will not assume liability for drainage facilities designed by others.

SIGNATURE: CO PE #36320

DEVELOPER'S CERTIFICATION

DELWEST (hereinafter DEVELOPER) hereby certifies that the drainage facilities for the project detailed within this Report will be constructed according to the design presented. It is understood that Adams County does not and will not assume liability for the drainage facilities designed and/or certified by my engineer and that Adams County reviews drainage plans pursuant to Colorado Revised Statutes, Title 24, Article 28; but cannot, on behalf of **DEVELOPER**, guarantee that final drainage design review will absolve **DEVELOPER** and/or their successor and/or assigns of future liability for improper design.

SIGNATURE:	
	Printed Name –
	Title -

DRAINAGE REPORT

Friday – March 31, 2024 Page 1

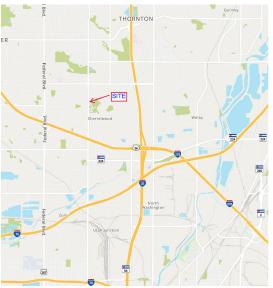


1. GENERAL LOCATION AND DESCRIPTION

1.1. LOCATION

The planned **townhomes** will consist of 70 new townhome units in four (4) buildings, located at 8000 N. Pecos Street within the northeast ¼ of Section 33 and the southeast ¼ of section 28, Township 2 South, Range 68 West of the 6th Principal Meridian, County of Adams, State of Colorado.

The site is bounded on the west by N. Pecos Street, on the north and east by Sherrelwood Park, and on the south by Single Family Residences.



N Pecos St & W 78th Way 1

Figure 1 - SITE LOCATION MAP

Figure 2 - SITE LOCATION ENLARGEMENT

1.2. DESCRIPTION OF PROPERTY

The site currently encompasses approximately 3.29 acres of vacant land.

1.3. DESCRIPTION OF PROPOSED DEVELOPMENT

The proposed redevelopment of this property includes the addition of 70 townhome units in four (4) buildings, landscaping, lighting, utilities, parking, and drive lanes.

2. DRAINAGE BASINS AND SUB-BASINS

2.1. MAJOR BASIN DESCRIPTION

The site lies within the South Platte River Drainage Basin. Runoff from the site drains from northwest to southeast at approximately 3% to adjacent streets, where it is conveyed to the storm drain detention pond constructed with the single-family residences to the south.

There are no adjacent irrigation facilities.

<u>The project is located within Flood Zone X</u>, as shown on the National Flood Insurance Program's Flood Insurance map community panel 08001C0582H with an effective date of March 5, 2007, City and County of Denver.

According to the Natural Resources Conservation Service (NRCS) web site, the onsite soils are Plantner loam (11.3%), Samsil-Shingle complex (35.3%), and Ulm loam (53.4%). The onsite soils have a hydraulic rating of C or D (Plantner loam=C, Samsil-Shingle complex=D, and Ulm loam=C).

As shown in the geotechnical report ground water was encountered at 11-FEET TO 19-FEET BELOW GROUND. The proposed development will not have basements, so groundwater is not expected to adversely affect the project.

DRAINAGE REPORT

Friday – March 31, 2024 Page 2



2.2. SUB-BASIN DESCRIPTION

Under proposed conditions, the site is roughly divided into two drainage sub-basins. One onsite basin, and one offsite basin. All runoff from the newly developed portion of the project, except a small area north of the existing building, is tributary to the proposed drainage facilities.

The following is a description of the two proposed sub-basins A and B.

<u>Basin A</u> contains approximately 0.07 acre, and it is comprised of a portion of the parking lot at the northwest corner of the site. Runoff from the area sheet flows to gutters, where it is conveyed south through a sidewalk chase to subbasin C.

<u>Basin B</u> contains approximately 0.28 acre, and it is comprised of a portion of the parking lot, building roof, sidewalk, and landscaping along the west side of the project. Runoff from the area sheet flows to gutters, where it is conveyed south through a sidewalk chase to subbasin C.

Basin C contains approximately 2.54 acres, and it is comprised of most of the parking lots, drive lanes, building roofs, sidewalk, and landscaping throughout the project. Runoff from this area sheet flows to gutters, where it combines with runoff form basin A and basin B. The combined runoff flows south in gutters through the existing single-family development to the detention pond. The streets, storm drain, and detention pond designed and constructed with the single-family development are sized to convey runoff form this project.

<u>Basin D</u> contains approximately 0.15 acre and it is comprised of sidewalk and landscaping along N. Pecos Street. Runoff from this basin sheet flows west to the gutter in N. Pecos Street, where it is conveyed south.

<u>Basin E</u> contains approximately 0.25 acre, and it is comprised of a portion of the building roof, sidewalk, and landscaping along the east side of the project. Runoff from the area sheet flows east to Sherrlewood park. Runoff tributary to Sherrlewood park will be reduced with this project.

3. DRAINAGE DESIGN CRITERIA

3.1. REGULATIONS

This drainage report was prepared in compliance with the following criteria:

- Adams County, Stormwater Drainage and Stormwater Quality Control Regulations (ACSCR)
- Elmwood North-Filing No. 1 Phase III Drainage Report
- Mile High Flood District (MHFD) Urban Storm Drainage Criteria Manual

During construction, disturbed areas will be stabilized for erosion and sediment control in accordance with Adams County and MHFD *Criteria*. The methods used to control erosion and sediment during construction of this project will comply with the non-structural and structural Best Management Practices (BMPs) described within the Adams County and MHFD manuals. A separate Erosion Control Report will be submitted to Denver Wastewater for approval.

No deviation from the Adams County *Criteria* is being requested except for the use as a sand filter within the underground detention vault.

3.2. DEVELOPMENT RESTRAINTS

The site is confined by existing improvements on all sides. Therefore, two small areas of the development are not being conveyed to the detention pond. However, the undetained runoff is being reduced to both areas compared to the existing conditions.

3.3. HYDROLOGIC CRITERIA

Runoff was calculated per the Adams County *Criteria*. Rainfall intensity was Calculated per MHFD equation 5-1, and runoff coefficients were taken from MHFD Table RO-3 utilizing soil type "C". The rational method was used to calculate runoff from the proposed development. The following formula was used to determine the runoff values: Q=CIA

Where Q = Storm runoff, cubic feet per second (CFS)

C = Runoff coefficient

I = Storm intensity, inches per hour

A = Drainage area, acres

DRAINAGE REPORT

Friday – March 31, 2024 Page 3



3.4. HYDRAULIC CRITERIA

Street capacity will be evaluated using MHFD spreadsheets during the phase III drainage report.

The hydraulic design has been done in accordance with the Adams County Criteria.

3.5. WATER QUALITY REQUIREMENTS

Stormwater quality for the project will be provided by the existing extended detention basin constructed with the single-family development.

3.6. WAIVERS FROM CRITERIA

No deviation from the Adams County Criteria is being requested.

4. DRAINAGE FACILITY DESIGN

4.1. GENERAL CONCEPT

Runoff from the buildings will be captured by roof drains where it will be conveyed to downspouts and conveyed to landscaped areas. The runoff will combine with runoff form the drive lanes, parking, and landscaped areas, where it will be conveyed south through the proposed street gutters. The runoff will be captured by existing gutters in the single family projected to the south, where it will be conveyed through a storm inlet into the existing detention pond. The runoff will be treated for water quality, detained for the 10-year and 100-year storms, before being released into the adjacent drainage swale.

4.2. SPECIFIC DETAILS

As described and shown in the approved Phase III Drainage Report for Elmwood North-Filing No. 1 Prepared July 2022 by Core Consultants, the existing drainage improvements and detention pond constructed with the single-family development are sized to convey and treat runoff form this project. The water quality volume of runoff will be captured in the pond and released over 40-hours. Runoff in excess of the water quality volume will be captured and released at the 10-year and 100-year allowable release rates. The proposed development meets the requirements illustrated in the approved phase III drainage report as illustrated in the following table.

DESCRIPTION	APPROVED PHASE III REPORT	PROPOSED
ACRES TO POND	3.13 ACRES	2.89 ACRES
% IMPERVIOUS TO POND	78.93%	57.39%
5-YEAR RUNOFF TO POND	9.2 CFS	7.05 CFS
100-YEAR RUNOFF TO POND	20.05 CFS	16.51 CFS
100-YEAR TO	7.43 EXISTING CONDITION	1.82
SHERRLEWOOD PARK	7.40 EXISTING CONDITION	1.02

4.3. OPERATION AND MAINTENANCE PLAN

The detention pond shall be inspected monthly, and any trash shall be removed Sediment should be removed from the detention pond yearly.

All maintenance is the responsibility of the property owner. Adams County is not responsible for maintenance of private onsite facilities.

5. CONCLUSIONS

5.1. COMPLIANCE WITH STANDARDS

This stormwater Management Report was prepared in compliance with the Adams County Stormwater Drainage and Stormwater Quality Control Regulations and the MHFD Urban Storm Drainage Criteria Manual. No variances will be requested.

Based on a current survey of the exiting detention pond the pond will need minor grading to regain the initial design volume and water surface elevations. The current survey and pond volume spreadsheet show deficient volume compared to the original design report.

DRAINAGE REPORT

Friday – March 31, 2024 Page 4



5.2. MAINTENANCE

All proposed drainage facilities proposed with this project are private and will be maintained by the property owner per section 4.3 of this report.

5.3. DESIGN

This project meets the requirements shown in the Adams County Stormwater Drainage and Stormwater Quality Control Regulations and the MHFD Urban Storm Drainage Criteria Manual. Furthermore, as discussed in section 2.1 of this report groundwater is not expected to affect this project. As such, this project should not have a negative impact on the surrounding developments or existing drainage facilities.

Elmwood North Townhomes (8000 N. Pecos Street, Adams County) <u>DRAINAGE REPORT</u> Friday – March 31, 2024 Page 5



6. REFERENCES

- 1. Adams County, Storm Drainage Design and Technical Criteria, December 8, 2020
- 2. <u>Flood Insurance Rate Map Adams County, Colorado</u>, Community Panel Number 08001C0582H, Effective date of March 05, 2007.
- 3. Mile High Flood District (Volumes 1, 2, and 3); Mile High Flood District, 2021 (latest revision).



APPENDIX

A HYDROLOGIC COMPUTATIONS

Appendix A – HYDROLOGIC COMPUTATIONS

8000 N. PECOS ST.-ADAMS COUNTY, COLORADO- Existing Drainage Calculations

LAND USAGE FOR EACH SUB-BASIN

LAND USAGE	PERCENT IMPERVIOUS	2-YR RUNOFF COEFF.	5-YR RUNOFF COEFF.	100-YR RUNOFF COEFF.	AREA				SUM OF AREA		
	(%)	C_2	C ₅	C ₁₀₀	AREA	В	С	D	E		(ACRE)
LANDSCAPE (clay)	2	0.01	0.05	0.49	0.029	0.051	0.648	0.062	0.019		0.809
ROOF	90	0.74	0.77	0.85		0.098	0.557		0.190		0.845
DRIVES AND WALKS (IMPERVIOUS)	100	0.84	0.86	0.89	0.039	0.126	1.339	0.090	0.044		1.638
Total				_	0.068	0.275	2.544	0.152	0.253	0.000	3.292

COMPOSITE % IMPERVIOUSNESS AND RUNOFF COEFFICIENTS PROPOSED

SUB-BASIN	EFFECTIVE	COMPOSITE	COMPOSITE	COMPOSITE	AREA
	% IMPERVIOUS	C2	C ₅	C ₁₀₀	acres
A	58.21	0.49	0.51	0.72	0.068
В	78.26	0.65	0.68	0.80	0.275
С	55.12	0.61	0.63	0.78	2.544
Total to Pond	57.39	0.61	0.64	0.78	2.887
D (PECOS)	60.05	0.50	0.53	0.73	0.152
E (SHERRLEWOOD PARK)	85.20	0.70	0.73	0.83	0.253
Total Site	59.65	0.68	0.71	0.82	3.292

COMPOSITE % IMPERVIOUSNESS AND RUNOFF COEFFICIENTS APPROVED SINGLE FAMILY REPORT

SUB-BASIN	EFFECTIVE	COMPOSITE	COMPOSITE	COMPOSITE	AREA
	% IMPERVIOUS	C2	C ₅	C ₁₀₀	acres
EA-1	41.40	0.31	0.37	0.65	0.400
EB-2	90.50	0.74	0.78	0.80	2.730
Total to Pond	84.23	0.69	0.73	0.78	3.130
OF-1	2.00	0.01	0.05	0.15	0.020
OF-2	14.50	0.10	0.15	0.54	0.250
Total Site	78.61	0.64	0.68	0.76	3.400

8000 N. PECOS ST.-ADAMS COUNTY, COLORADO- Existing Drainage Calculations **LAND USAGE FOR EACH SUB-BASIN**

LAND USAGE	PERCENT IMPERVIOUS	2-YR RUNOFF	5-YR RUNOFF	100-YR RUNOFF							SUM OF
		COEFF.	COEFF.	COEFF.			AREA	Α			AREA
	(%)	C ₂	C ₅	C ₁₀₀	E1	E2	E3				(ACRE)
LANDSCAPE (clay)	2	0.01	0.05	0.49	2.044	1.175					3.219
ROOF	90	0.74	0.77	0.85							0.000
DRIVES AND WALKS (IMPERVIOUS)	100	0.84	0.86	0.89	0.014		0.059				0.073
Total					2.058	1.175	0.059	0.000	0.000	0.000	3.292

COMPOSITE % IMPERVIOUSNESS AND RUNOFF COEFFICIENTS

SUB-BASIN	EFFECTIVE % IMPERVIOUS	COMPOSITE C2	COMPOSITE C ₅	COMPOSITE C ₁₀₀	AREA acres
E1	2.67	0.02	0.06	0.49	2.058
E2	2.00	0.01	0.05	0.49	1.175
E3	100.00	0.84	0.86	0.89	0.059
Total Existing Site	4.17	0.03	0.07	0.50	3.292

STANDARD FORM SF-2 TIME OF CONCENTRATION YEAR

SUBDIVISION: 8000 N. PECOS STREET ADAMS COUNTY, CO

CALCULATED BY: Robert Palmer DATE: 06/10/24 $t_c = t_i + t_t$

	SUB-BASIN		INIT	IAL / OVERL	AND		TRAVE	L TIME			t _c CHECK		FINAL	REMARKS
	DATA			TIME (t_i)			(t	_i)		(URB	ANIZED BAS	SINS)	t_c	
DESIGN	AREA	C_5	LENGTH	SLOPE	t_i	LENGTH	SLOPE	VEL	t_t	COMP	TOTAL	$t_c = (L/180) + 10$		
	Ac		Ft	%	Min	Ft	%	FPS	Min	t_c	LENGTH	Min	Min	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
	MAIN DETEN	TION POND												
1	0.068	0.51	59	3.3	5.4	33	1.0	2.00	0.3	5.7	92	10.5	5.7	
2	0.275	0.68	36	2	3.6	59	2.1	2.85	0.3	4.0	95	10.5	4.0	use 5 minute min.
3	2.544	0.63	120	3.3	6.2	701	1.7	2.55	4.6	10.8	821	14.6	10.8	use 10 minute max.
4	2.887	0.64	120	3.3	6.2	701	1.7	2.55	4.6	10.7	821	14.6	10.7	use 10 minute max.
5	0.152	0.53	16	2	3.3	193	1.6	2.35	1.4	4.6	209	11.2	4.6	use 5 minute min.
6	0.253	0.73	40	2	3.4	447	1.9	2.69	2.8	6.1	487	12.7	6.1	
7	2.887	0.71	120	3.3	5.2	701	1.7	2.55	4.6	9.7	821	14.6	10.0	
E1	2.06	0.06	248	6.05	16.2	360	1.9	2.69	2.2	18.5	608			use 10 minute max.
E2	1.18	0.05	313	3.19	22.7	90		2.00	0.8	23.5	403	12.2		use 10 minute max.
E3	0.06	0.86	16	2	1.4	193	1.6		1.4	2.7	209		2.7	use 5 minute MIN.
E4	3.292	0.07	248	6.05	16.1	360	1.9	2.69	2.2	18.3	608	13.4	13.4	use 10 minute max.

STORM DRAINGE DESIGN AND TECHNICAL CRITERIA

STANDARD FORM SF-3 STORM DRAINAGE SYSTEM DESIGN

(Rational Method Procedure)

SUBDIVISION: 8000 N. PECOS ST.-ADAMS COUNTY, COLORADO

CALCULATED BY: Robert Palmer DATE: 06/10/24

DESIGN STORM: 5-Yr

		N			DIRE	CT RUI	NOFF			Т	OTAL I	RUNOF	F	STR	REET		PIPE		TRA	AVEL T	IME	
	STREET	DESIGN POINT	AREA DESIGN	AREA (AC)	RUNOFF	t_c (MIN)	C*A (AC)	i (IN/HR)	Q (CFS)	t_c (MIN)	Σ (C*A) (AC)	i (IN/HR)	Q (CFS)	SLOPE (%)	STREET FLOW (CFS)	DESIGN FLOW (CFS)	(%) STOPE	PIPE SIZE	LENGTH (FT)	VELOCITY (FPS)	t _t (MIN)	REMARKS
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1	Basin A	1	Α	0.07	0.51	5.7	0.03	4.64	0.16				0.16									
2	Basin B	2	В	0.28	0.68	5.0	0.19	4.82	0.90				0.90									
3	Basin C	3	С	2.54	0.63	10.0	1.61	3.84	6.20				6.20									
4	Total Pond	4	A-C	2.89	0.64	10.0	1.83	3.84	7.05				7.05									
5	Basin D	5	D	0.15	0.53	5.0	0.08	4.82	0.39				0.39									
6	Basin E	6	Е	0.25	0.73	6.1	0.19	4.55	0.84				0.84									
7	Total Site	7	A-E	3.29	0.71	10.0	2.34	3.84	8.99				8.99									
8																						
9	Basin E1	E1	E1	2.06	0.06	10.0	0.11	3.84	0.44				0.44									
10	Basin E2	E2	E2	1.18	0.05	10.0	0.06	3.84	0.23				0.23									
11	Basin E3	E3	E3	0.06	0.86	5.0	0.05	4.82	0.24				0.24									
12	Total Ex	E4	E1-E3	3.29	0.07	10.0	0.22	3.84	0.86				0.86									
13																						
14																						

STANDARD FORM SF-3 STORM DRAINAGE SYSTEM DESIGN

(Rational Method Procedure)

SUBDIVISION: 8000 N. PECOS ST.-ADAMS COUNTY, COLORADO

CALCULATED BY: Robert Palmer DATE: 06/10/24

DESIGN STORM: 100-Yr

		٦			DIRE	CT RUI	NOFF			Т	OTAL I	RUNOF	F	STF	REET		PIPE		TR	AVEL T	IME	
	STREET	DESIGN POINT	AREA DESIGN	AREA (AC)	RUNOFF COEFF	t_c (MIN)	C*A (AC)	i (IN/HR)	Q (CFS)	t_c (MIN)	Σ (C*A) (AC)	i (IN/HR)	Q (CFS)	SLOPE (%)	STREET FLOW (CFS)	DESIGN FLOW (CFS)	SLOPE (%)	BIPE SIZE	LENGTH (FT)	VELOCITY (FPS)	t _t (MIN)	REMARKS
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1	Basin A	1	Α	0.07	0.72	5.7	0.05	8.86	0.43				0.43									
2	Basin B	2	В	0.28	0.80	5.0	0.22	9.19	2.03				2.03									
3	Basin C	3	С	2.54	0.78	10.0	1.98	7.33	14.54				14.54									
4	Total Pond	4	A-C	2.89	0.78	10.0	2.25	7.33	16.51				16.51									
5	Basin D	5	Е	0.15	0.73	5.0	0.11	9.19	1.02				1.02									
6	Basin E	6	F	0.25	0.83	6.1	0.21	8.68	1.82				1.82									
7	TOTAL SITE	7	A-E	3.29	0.82	10.0	2.70	7.33	19.77				19.77									
8																						
9	Basin E1	E1	E1	2.06	0.49	10.0	1.01	7.33	7.43				7.43									
10	Basin E2	E2	E2	1.18	0.49	10.0	0.58	7.33	4.22				4.22									
11	Basin E3	E3	E3	0.06	0.89	5.0	0.05	9.19	0.48				0.48									
12	Total Existing	E4	E1-E3	3.29	0.50	10.0	1.64	7.33	12.04				12.04									
13																						
14																						

Existing Rainfall intensity Calculations

I=28.5P₁/(10+Tc)^{0.786}

I=rainfall intensity (inches per hour)

 P_1 = one-hour rainfall

Tc = Time of concentration

Design Point	<u>t 1</u>	Design Point	<u>: 2</u>	<u>Design Point</u>	<u>3</u>	<u>Design Point</u>	<u>: 4</u>
P1 _(2-year) =	1.42	P1 _(2-year) =	1.42	P1 _(2-year) =	1.42	P1 _(2-year) =	1.42
P _{1(100-year)} =	2.71	P _{1(100-year)} =	2.71	P _{1(100-year)} =	2.71	P _{1(100-year)} =	2.71
Tc=	10.00	Tc=	10.00	Tc=	5.00	Tc=	10.00
I _(5-year)	3.84	I _(5-year)	3.84	I _(5-year)	4.82	I _(5-year)	3.84
I _(100-vear)	7.33	I _(100-vear)	7.33	I _(100-vear)	9.19	I _(100-vear)	7.33

Proposed Rainfall intensity Calculations

I=28.5P₁/(10+Tc)^{0.786}

I=rainfall intensity (inches per hour)

 P_1 = one-hour rainfall

Tc = Time of concentration

Design Point	<u>1</u>	Design Point :	<u>2</u>	Design Point	<u>: 3</u>	<u>Design Po</u>
P1 _(2-year) =	1.42	P1 _(2-year) =	1.42	P1 _(2-year) =	1.42	P1 _(2-year) =
P _{1(100-year)} =	2.71	P _{1(100-year)} =	2.71	P _{1(100-year)} =	2.71	P _{1(100-year)} =
Tc=	5.71	Tc=	5.00	Tc=	10.00	Tc=
I _(5-year)	4.64	I _(5-year)	4.82	I _(5-year)	3.84	I _(5-year)
I _(100-year)	8.86	I _(100-year)	9.19	I _(100-year)	7.33	I _(100-year)
Design Point	<u>5</u>	Design Point	<u>6</u>	Design Point	<u>: 7</u>	
P1 _(2-year) =	1.42	P1 _(2-year) =	1.42	P1 _(2-year) =	1.42	
P _{1(100-year)} =	2.71	P _{1(100-year)} =	2.71	P _{1(100-year)} =	2.71	
Tc=	5.00	Tc=	6.14	Tc=	10.00	
I _(5-year)	4.82	I _(5-year)	4.55	I _(5-year)	3.84	
I _(100-year)	9.19	I _(100-year)	8.68	I _(100-year)	7.33	

APPROVED PHASE III

BASIN	AREA	% IMPERVIOUSNESSS
EA-1	0.4	41.4
EB-2	2.73	90.5
В	0.86	48
С	1.43	48
D	2.17	48
E	1.51	48
Н	0.32	48
TOTAL	9.42	60.0

Proposed North and South to Pond

BASIN	AREA	% IMPERVIOUSNESSS
A-TOWNHOMES	0.068	58.21
B-TOWNHOMES	0.275	78.26
C-TOWNHOMES	2.544	55.12
В	0.86	48
С	1.43	48
D	2.17	48
E	1.51	48
Н	0.32	48
TOTAL	9.177	51.0

<u>int 4</u>

1.42

2.71

10.00

3.84

7.33



B. HYDRAULIC COMPUTATIONS

Appendix B – HYDRAULIC COMPUTATIONS

DETENTION BASIN STAGE-STORAGE TABLE BUILDER

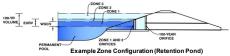
MHFD-Detention, Version 4.03 (May 2020)

Project: Elmwood North - Unincorporated Adams County, CO

acre-feet
1.00 inches
1.42 inches
1.68 inches
2.00 inches

2.35 inches 2.71 inches 3.00 inches

Basin ID: Extended Detention-as built



Watershed Information

tersired information		
Selected BMP Type =	EDB	
Watershed Area =	9.18	acres
Watershed Length =	1,500	ft
Watershed Length to Centroid =	800	ft
Watershed Slope =	0.025	ft/ft
Watershed Imperviousness =	51.00%	percent
Percentage Hydrologic Soil Group A =	0.0%	percent
Percentage Hydrologic Soil Group B =	0.0%	percent
Percentage Hydrologic Soil Groups C/D =	100.0%	percent
Target WQCV Drain Time =	40.0	hours
Location for 1-hr Rainfall Depths =	Thornton - Civ	ic Center

After providing required inputs above including 1-hour rainfall depths, click 'Run CUHP' to generate runoff hydrographs using the embedded Colorado Urban Hydrograph Procedure

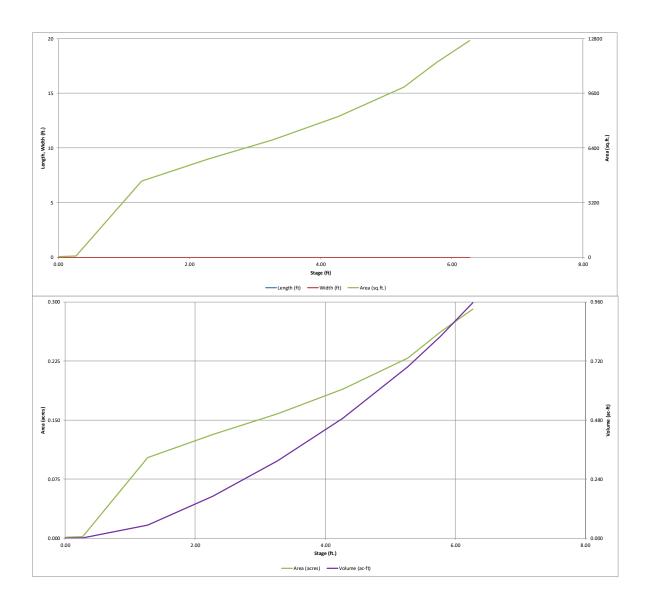
the embedded Colorado Urban Hydro	graph Procedu	ire.
Water Quality Capture Volume (WQCV) =	0.160	acre-feet
Excess Urban Runoff Volume (EURV) =	0.443	acre-feet
2-yr Runoff Volume (P1 = 1 in.) =	0.383	acre-feet
5-yr Runoff Volume (P1 = 1.42 in.) =	0.674	acre-feet
10-yr Runoff Volume (P1 = 1.68 in.) =	0.870	acre-feet
25-yr Runoff Volume (P1 = 2 in.) =	1.147	acre-feet
50-yr Runoff Volume (P1 = 2.35 in.) =	1.426	acre-feet
100-yr Runoff Volume (P1 = 2.71 in.) =	1.741	acre-feet
500-yr Runoff Volume (P1 = 3 in.) =	1.976	acre-feet
Approximate 2-yr Detention Volume =	0.329	acre-feet
Approximate 5-yr Detention Volume =	0.550	acre-feet
Approximate 10-yr Detention Volume =	0.636	acre-feet
Approximate 25-yr Detention Volume =	0.716	acre-feet
Approximate 50-yr Detention Volume =	0.775	acre-feet
Approximate 100-yr Detention Volume =	0.905	acre-feet
		-

Define Zones and Basin Geometry

Define Zones and Basin Geometry		
Zone 1 Volume (WQCV) =	0.160	acre-feet
Zone 2 Volume (EURV - Zone 1) =	0.284	acre-feet
Zone 3 Volume (100-year - Zones 1 & 2) =	0.461	acre-feet
Total Detention Basin Volume =	0.905	acre-feet
Initial Surcharge Volume (ISV) =	user	ft ³
Initial Surcharge Depth (ISD) =	user	ft
Total Available Detention Depth (H _{total}) =	user	ft
Depth of Trickle Channel (H _{TC}) =	user	ft
Slope of Trickle Channel (S_{TC}) =	user	ft/ft
Slopes of Main Basin Sides (Smain) =	user	H:V
Basin Length-to-Width Ratio (R _{L/W}) =	user	

Initial Surcharge Area $(A_{ISV}) =$	user	ft ²
Surcharge Volume Length $(L_{ISV}) =$	user	ft
Surcharge Volume Width $(W_{ISV}) =$	user	ft
Depth of Basin Floor $(H_{FLOOR}) =$	user	ft
Length of Basin Floor (L_{FLOOR}) =	user	ft
Width of Basin Floor $(W_{FLOOR}) =$	user	ft
Area of Basin Floor $(A_{FLOOR}) =$		ft ²
Volume of Basin Floor $(V_{FLOOR}) =$	user	ft ³
Depth of Main Basin (H _{MAIN}) =	user	ft
Length of Main Basin $(L_{MAIN}) =$	user	ft
Width of Main Basin $(W_{MAIN}) =$	user	ft
Area of Main Basin (A _{MAIN}) =		ft ²
Volume of Main Basin (V _{MAIN}) =	user	ft ³
Calculated Total Basin Volume $(V_{total}) =$	user	acre-feet

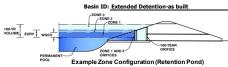
Stage - Storage Description	Stage (ft)	Optional Override Stage (ft)	Length (ft)	Width (ft)	Area (ft ²)	Optional Override Area (ft ²)	Area (acre)	Volume (ft ³)	Volum (ac-ft)
Top of Micropool		0.00	-		-	50	0.001		
5319		0.27	-			73	0.002	17	0.000
5320		1.27	_		_	4,454	0.102	2,280	0.052
5321		2.27	-		-	5,733	0.132	7,374	0.169
5322		3.27	-		-	6,881	0.158	13,681	0.314
5323		4.27	-		-	8,244	0.189	21,243	0.488
5324		5.27	-		-	9,969	0.229	30,350	0.697
5324.5		5.77	-			11,404	0.262	35,693	0.819
5325		6.27	-		-	12,690	0.291	41,716	0.958
3323		0.27	_			12,030	0.231	71,710	0.550
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DETENTION BASIN STAGE-STORAGE TABLE BUILDER

MHFD-Detention, Version 4.03 (May 2020)

Project: Elmwood North - Unincorporated Adams County, CO



Watershed Information

Selected BMP Type =	EDB	
Watershed Area =	9.42	acres
Watershed Length =	1,500	ft
Watershed Length to Centroid =	800	ft
Watershed Slope =	0.025	ft/ft
Watershed Imperviousness =	60.00%	percent
Percentage Hydrologic Soil Group A =	0.0%	percent
Percentage Hydrologic Soil Group B =	0.0%	percent
Percentage Hydrologic Soil Groups C/D =	100.0%	percent
Target WQCV Drain Time =	40.0	hours
Location for 1-hr Rainfall Depths =	Thornton - Civ	ic Center

After providing required inputs above including 1-hour rainfall depths, click 'Run CUHP' to generate runoff hydrographs using

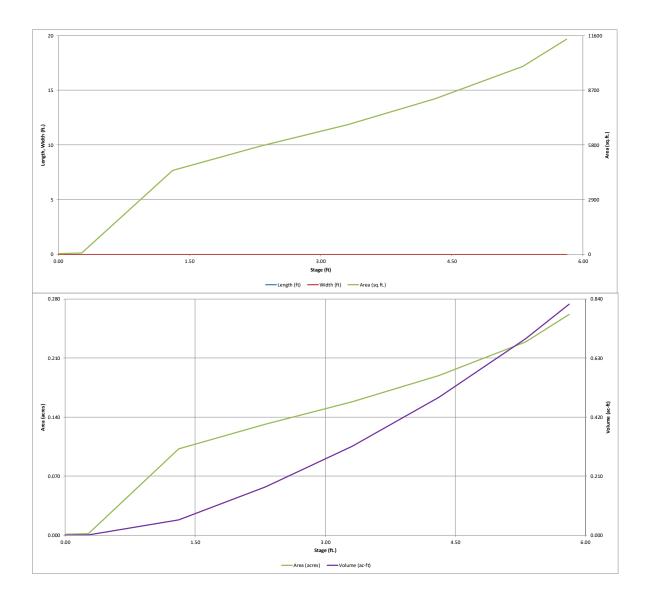
the embedded Colorado Urban Hydro	graph Proced	ure.
Water Quality Capture Volume (WQCV) =	0.185	acre-feet
Excess Urban Runoff Volume (EURV) =	0.543	acre-feet
2-yr Runoff Volume (P1 = 1 in.) =	0.463	acre-feet
5-yr Runoff Volume (P1 = 1.42 in.) =	0.772	acre-fee
10-yr Runoff Volume (P1 = 1.68 in.) =	0.977	acre-fee
25-yr Runoff Volume (P1 = 2 in.) =	1.257	acre-fee
50-yr Runoff Volume (P1 = 2.35 in.) =	1.545	acre-fee
100-yr Runoff Volume (P1 = 2.71 in.) =	1.865	acre-fee
500-yr Runoff Volume (P1 = 3 in.) =	2.106	acre-fee
Approximate 2-yr Detention Volume =	0.406	acre-fee
Approximate 5-yr Detention Volume =	0.658	acre-fee
Approximate 10-yr Detention Volume =	0.761	acre-fee
Approximate 25-yr Detention Volume =	0.849	acre-fee
Approximate 50-yr Detention Volume =	0.915	acre-fee
Approximate 100-yr Detention Volume =	1.042	acre-fee
	•	_

Optional Use	r Overrides
	acre-feet
	acre-feet
1.00	inches
1.42	inches
1.68	inches
2.00	inches
2.35	inches
2.71	inches
3.00	inches

Define Zones and Basin Geometry

Initial Surcharge Area $(A_{ISV}) =$	user	ft ²
Surcharge Volume Length $(L_{ISV}) =$	user	ft
Surcharge Volume Width $(W_{ISV}) =$	user	ft
Depth of Basin Floor $(H_{FLOOR}) =$	user	ft
Length of Basin Floor (L_{FLOOR}) =	user	ft
Width of Basin Floor $(W_{FLOOR}) =$	user	ft
Area of Basin Floor $(A_{FLOOR}) =$	user	ft ²
Volume of Basin Floor $(V_{FLOOR}) =$	user	ft ³
Depth of Main Basin $(H_{MAIN}) =$	user	ft
Length of Main Basin $(L_{MAIN}) =$	user	ft
Width of Main Basin $(W_{MAIN}) =$	user	ft
Area of Main Basin (A _{MAIN}) =	user	ft ²
Volume of Main Basin $(V_{MAIN}) =$	user	ft ³
Calculated Total Basin Volume (Vtotal) =	user	acre-feet

Depth Increment =		ft							
Stage - Storage	Stage	Optional Override	Length	Width	Area	Optional Override	Area	Volume	Volume
Description	(ft)	Stage (ft)	(ft)	(ft)	(ft 2)	Area (ft 2)	(acre)	(ft 3)	(ac-ft)
Top of Micropool		0.00	-		-	50	0.001		
5319		0.27	-		-	73	0.002	17	0.000
5320		1.31	-		-	4,454	0.102	2,371	0.054
5321		2.31	-		-	5,733	0.132	7,464	0.171
5322		3.31	-		-	6,881	0.158	13,771	0.316
5323		4.31	-		-	8,244	0.189	21,334	0.490
5324 5324.5		5.31 5.81				9,969 11,404	0.229	30,440 35,783	0.699
3324.5		3.01	-		-	11,404	0.202	33,763	0.021
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C. MAP POCKET

Appendix C – MAP POCKET

National Flood Hazard Layer FIRMette

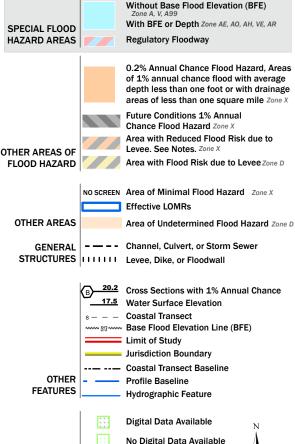




Legend

MAP PANELS

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



point selected by the user and does not represent an authoritative property location.

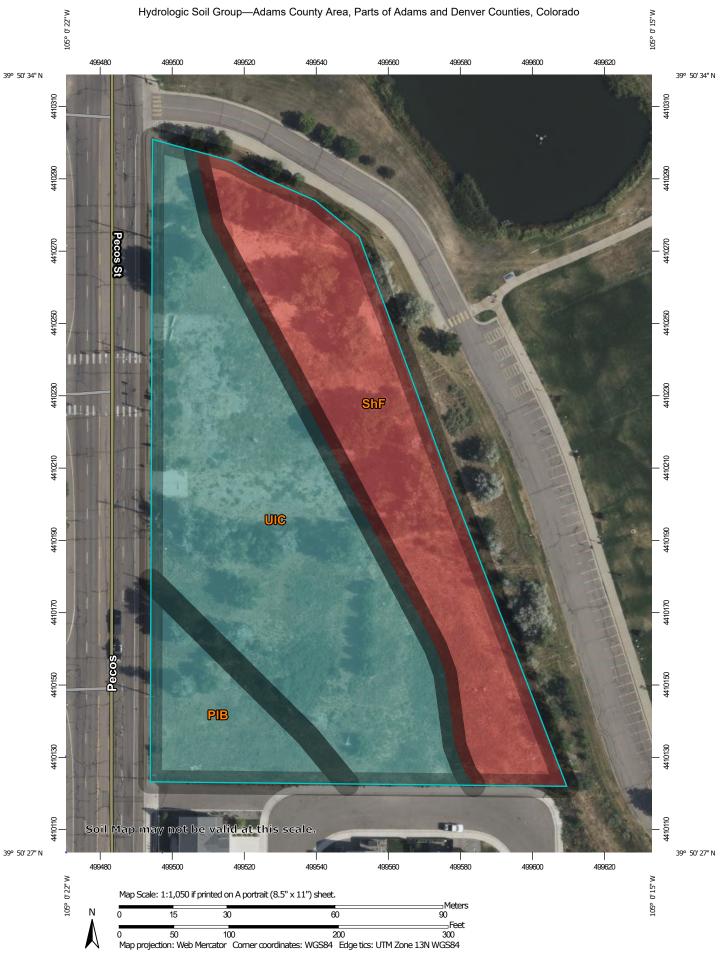
The pin displayed on the map is an approximate

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/6/2024 at 5:09 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

Unmapped

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



MAP LEGEND MAP INFORMATION The soil surveys that comprise your AOI were mapped at Area of Interest (AOI) С 1:20.000. Area of Interest (AOI) C/D Soils Warning: Soil Map may not be valid at this scale. D **Soil Rating Polygons** Enlargement of maps beyond the scale of mapping can cause Not rated or not available Α misunderstanding of the detail of mapping and accuracy of soil **Water Features** line placement. The maps do not show the small areas of A/D contrasting soils that could have been shown at a more detailed Streams and Canals Transportation B/D Rails ---Please rely on the bar scale on each map sheet for map measurements. Interstate Highways C/D Source of Map: Natural Resources Conservation Service **US Routes** Web Soil Survey URL: D Major Roads Coordinate System: Web Mercator (EPSG:3857) Not rated or not available -Local Roads Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts Soil Rating Lines Background distance and area. A projection that preserves area, such as the Aerial Photography Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. Soil Survey Area: Adams County Area, Parts of Adams and Denver Counties, Colorado Survey Area Data: Version 20, Aug 24, 2023 Soil map units are labeled (as space allows) for map scales 1:50.000 or larger. Not rated or not available Date(s) aerial images were photographed: Mar 1, 2023—Sep 1. **Soil Rating Points** 2023 The orthophoto or other base map on which the soil lines were A/D compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. B/D

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
PIB	Platner loam, 0 to 3 percent slopes	С	0.4	11.3%
ShF	Samsil-Shingle complex, 3 to 35 percent slopes	D	1.2	35.3%
UIC	Ulm loam, 3 to 5 percent slopes	С	1.9	53.4%
Totals for Area of Intere	est		3.5	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

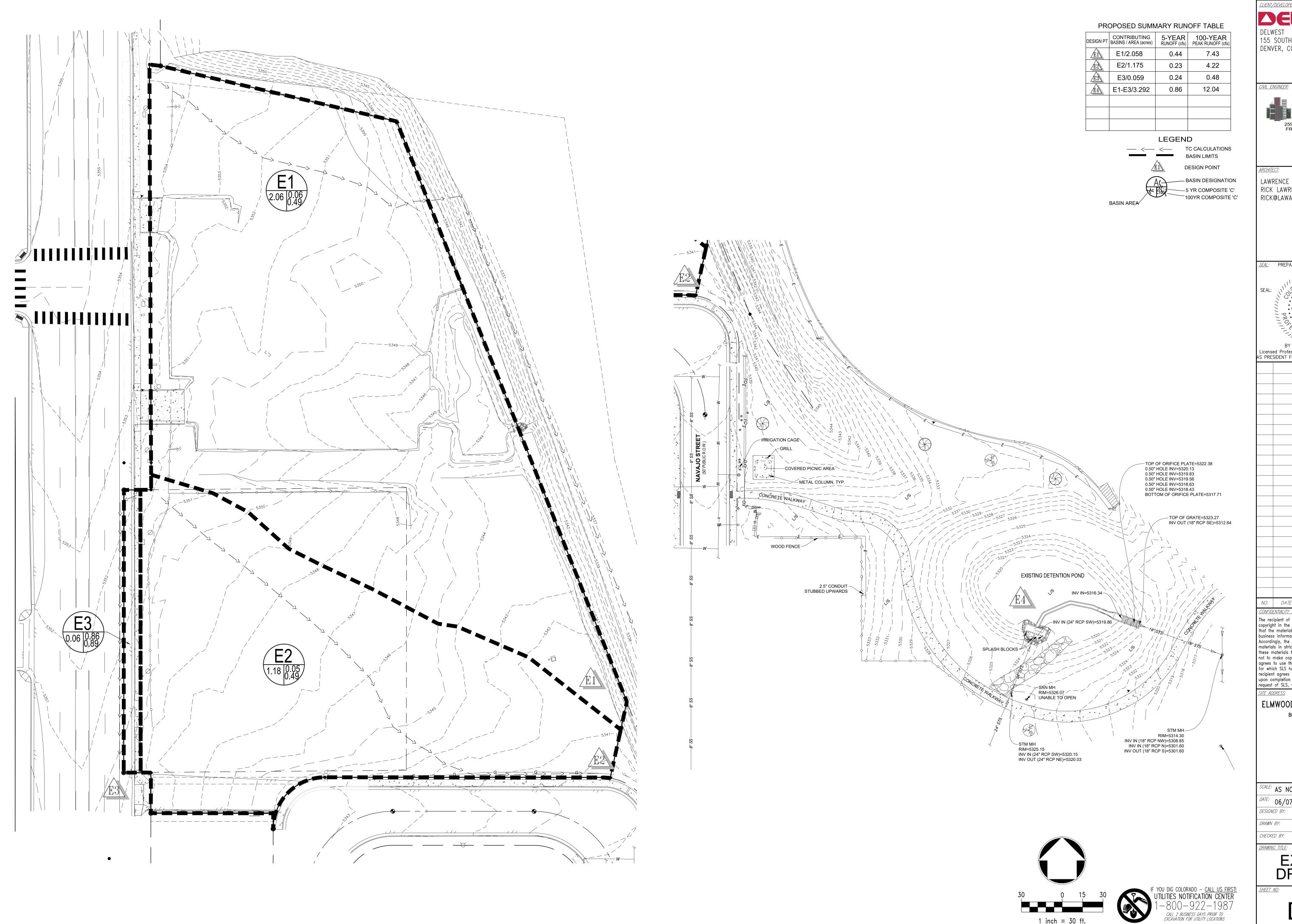
Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.



DELWEST

155 SOUTH MADISON ST., SUITE 326 DENVER, CO 80209



2595 PONDEROSA ROAD FRANKTOWN, CO 80116 720.384.7661 Phone rpalmer@strategicls.net Robert J. Palmer, PE President

LAWRENCE ARCHITECTURE, INC. RICK LAWRENCE, AIA RICK@LAWARCH.COM

SEAL: PREPARED UNDER THE DIRECT SUPERVISION OF: BY Robert J. Palmer, PE

Licensed Professional Engineer (CO PE #36320), AS PRESIDENT FOR STRATEGIC LAND SOLUTIONS, INC

NO. DATE REVISION DESCRIPTION

<u>ONFIDENTIALITY STATEMENT:</u>

The recipient of these materials understands that copyright in the materials is owned by SLS, and also, that the materials contain priviledged and confidential business information of SLS and/or their Client.

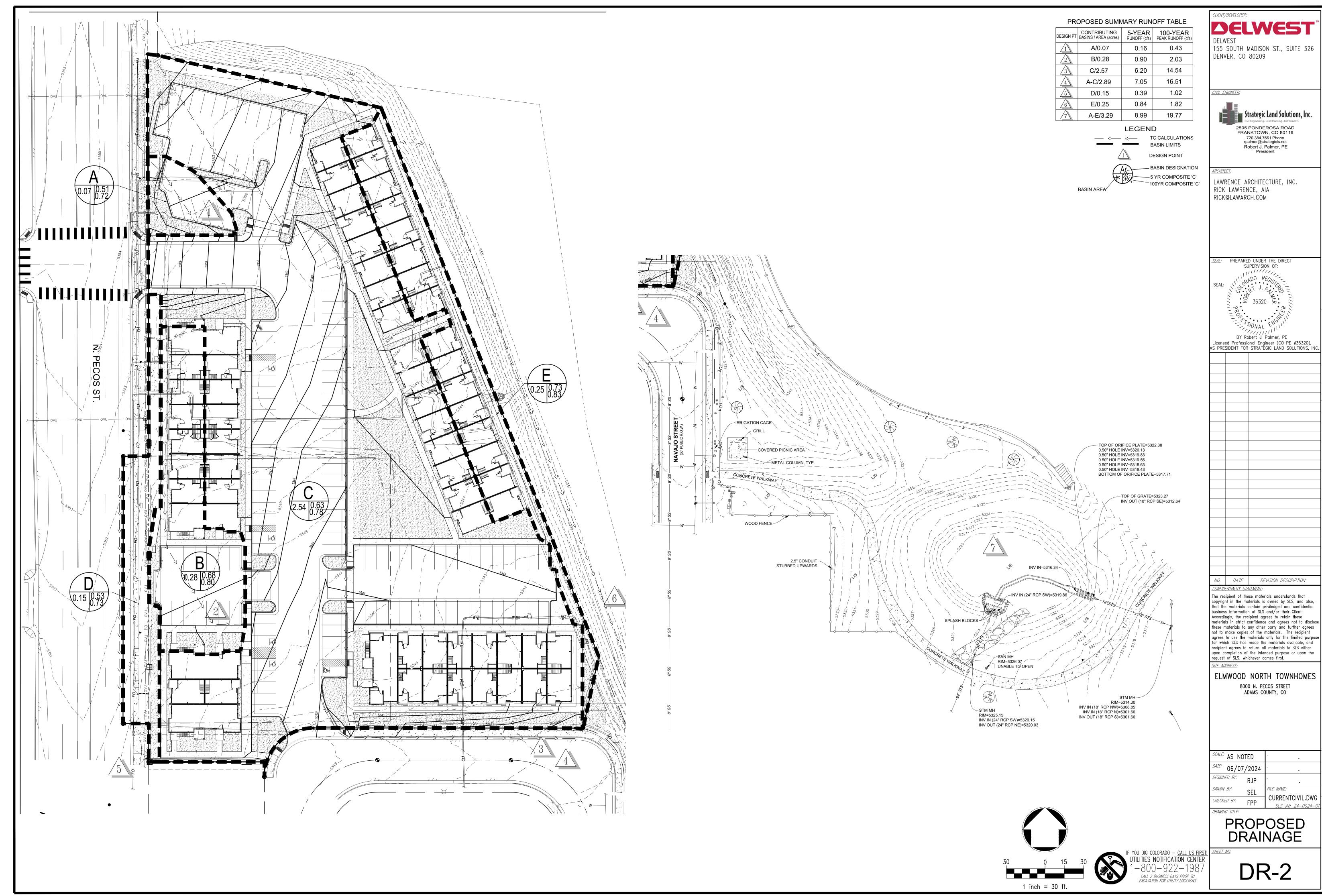
Accordingly, the recipient agrees to retain these materials in strict confidence and agrees not to disclose these materials to any other party and further agrees not to make copies of the materials. The recipient agrees to use the materials only for the limited purpose for which SLS has made the materials available, and recipient agrees to return all materials to SLS either upon completion of the intended purpose or upon the request of SLS, whichever comes first.

ELMWOOD NORTH TOWNHOMES 8000 N. PECOS STREET ADAMS COUNTY, CO

^{LE:} AS NOTED E: 06/07/2024

DRAWN BY: CURRENTCIVIL.DWG CHECKED BY: FPP

EXISTING DRAINAGE



155 SOUTH MADISON ST., SUITE 326

CURRENTCIVIL.DWG

June 4, 2024

Adams County Planning & Development Department 4430 South Adams County Parkway Brighton, CO 80601-8216



To Whom It May Concern:

RE: Proposed Development at 8000 North Pecos: DelWest

The District welcomes both residential and commercial development within its boundaries and, while the District takes no position on the specific plans presented by Delwest Development Corp., we believe that a vibrant community should include a wide choice of housing options. This project proposes to provide additional housing options to the community.

In reviewing the Delwest proposal for the development of the site, we have determined that the proposed development would have no additional (or minimal) impact on the District. Using an average number of students generated by housing type, based on information provided by Delwest, the District has conservatively calculated the following student yield:

Townhomes

Number of Bedrooms	Number of New Units of that Size	Average Number of School-Aged Residents Per Unit	New School-Aged Residents
4	70	x 0.31	=22 (low end estimate)
4	70	x 0.49	= 33 (high end estimate)

Estimated Total Number of Students Generated by Proposed Development:

22-33

In considering the minimal impact to the District by new students who may reside in the development, the District believes it is important to focus on the quality of the development and the degree to which it will revitalize the community in the years ahead. The District believes development on the southeast side of the District will provide economic benefit for the citizens of the community and, in general, will have an overall positive impact on the existing neighborhood.

Sincerely,

Chief Operating Officer

lames Duffy(/Ed.D)

Westminster Public Schools



Land Title Guarantee Company Customer Distribution



PREVENT FRAUD - Please remember to call a member of our closing team when initiating a wire transfer or providing wiring instructions.

Order Number: RND70782714 Date: 08/02/2022

Property Address: ELMWOOD NORTH FILING NO. 1, DENVER, CO 80221

PLEASE CONTACT YOUR CLOSER OR CLOSER'S ASSISTANT FOR WIRE TRANSFER INSTRUCTIONS

For Closing Assistance For Title Assistance

MARY CLARKE-GENTRY 5975 GREENWOOD PLAZA BLVD GREENWOOD VILLAGE, CO 80111

(303) 850-4198 (Work) mclarke@ltgc.com

Seller/Owner

ELMWOOD NORTH, LLC, A COLORADO LIMITED LIABILITY COMPANY 155 S MADISON ST #326 DENVER, CO 80209 (720) 708-4065 (Work)

Delivered via: No Commitment Delivery

Surveyor

TERRACINA DESIGN
Attention: MICHAEL WEIHER
10200 E GIRARD AVE #A314
DENVER, CO 80231
(303) 632-8867 (Work)
mweiher@terracinadesign.com
Delivered via: Electronic Mail



Land Title Guarantee Company Estimate of Title Fees

Order Number: RND70782714 Date: 08/02/2022

Property Address: ELMWOOD NORTH FILING NO. 1, DENVER, CO 80221

Parties: A BUYER TO BE DETERMINED

ELMWOOD NORTH, LLC, A COLORADO LIMITED LIABILITY COMPANY AND DELWEST DEVELOPEMENT CORP., A COLORADO CORPORATION, AS THEIR INTERESTS MAY

APPEAR

Visit Land Title's Website at www.ltgc.com for directions to any of our offices.

Estimate of Title	insurance Fees
"TBD" Commitment	\$436.00
	Total \$436.00
If Land Title Guarantee Company will be closing this clos	

Thank you for your order!

Note: The documents linked in this commitment should be reviewed carefully. These documents, such as covenants conditions and restrictions, may affect the title, ownership and use of the property. You may wish to engage legal assistance in order to fully understand and be aware of the implications of the effect of these documents on your property.

Chain of Title Documents:

Adams county recorded 06/10/2019 under reception no. 2019000044105
Adams county recorded 09/05/2019 under reception no. 2019000073502
Adams county recorded 09/10/2019 under reception no. 2019000075343
Adams county recorded 03/31/2020 under reception no. 2020000029031
Adams county recorded 05/13/2021 under reception no. 2021000058939
Adams county recorded 05/13/2021 under reception no. 2021000058940
Adams county recorded 05/13/2021 under reception no. 2021000058941
Adams county recorded 01/28/2022 under reception no. 202200008812

Plat Map(s):

Adams county recorded 06/07/2022 under reception no. 2022000050487 at book F36 page 133

Adams county recorded 04/15/2022 under reception no. 2022000033903 at book F36 page 90

Old Republic National Title Insurance Company

Schedule A

Order Number: RND70782714

Property Address:

ELMWOOD NORTH FILING NO. 1, DENVER, CO 80221

1. Effective Date:

07/27/2022 at 5:00 P.M.

2. Policy to be Issued and Proposed Insured:

"TBD" Commitment \$0.00

Proposed Insured:

A BUYER TO BE DETERMINED

3. The estate or interest in the land described or referred to in this Commitment and covered herein is:

A FEE SIMPLE

4. Title to the estate or interest covered herein is at the effective date hereof vested in:

ELMWOOD NORTH, LLC, A COLORADO LIMITED LIABILITY COMPANY AND DELWEST DEVELOPEMENT CORP., A COLORADO CORPORATION, AS THEIR INTERESTS MAY APPEAR

5. The Land referred to in this Commitment is described as follows:

NOTE: THE FOLLOWING LEGAL DESCRIPTION IS PRELIMINARY AND IS SUBJECT TO CHANGE UPON COMPLIANCE WITH THE REQUIREMENTS UNDER SCHEDULE B-1, HEREIN.

ELMWOOD NORTH FILING NO. 1 PLAT BOUNDARY

A PARCEL OF LAND BEING LOT 1, BLOCK 4, SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2022000050487, TOGETHER WITH THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000073502 AND THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000075343, ALL IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN THE SOUTHEAST QUARTER OF SECTION 28 AND THE NORTHEAST QUARTER OF SECTION 33, BOTH IN TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF ADAMS, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THE BEARINGS FOR THIS DESCRIPTION ARE BASED ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH P.M., BEING ASSUMED TO BEAR N 89°30'30" E, FROM THE NORTH QUARTER CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH DIAMETER ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH DIAMETER ALUMINUM CAP, STAMPED "PLS 7276", WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 33, THENCE N 89°30'30" E, ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 50.00 FEET TO A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY THAT RESOLUTION RECORDED IN BOOK 3270 AT PAGE 279, SAID ADAMS COUNTY RECORDS AND THE

Old Republic National Title Insurance Company

Schedule A

Order Number: RND70782714

POINT OF BEGINNING;

THENCE N 00°14'47" W, ALONG THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY, AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28, A DISTANCE OF 293.01 FEET TO A POINT ON THE NORTH LINE OF SAID PARCEL OF LAND DESCRIBED IN BOOK 3254 AT PAGE 139;

THENCE S 82°41'00" E, ALONG SAID NORTH LINE, A DISTANCE OF 8.12 FEET TO THE WEST CORNER OF PARCEL D, AS DESCRIBED IN THAT QUIT CLAIM DEED RECORDED IN BOOK 3251 AT PAGE 924;

THENCE ALONG THE SOUTH AND WEST LINES OF SAID PARCEL D, THE FOLLOWING TWO (2) COURSES:

- 1. S 76°46'56" E, A DISTANCE OF 178.56 FEET;
- 2. S 21°38'59" E, ALONG THE EAST LINES OF SAID PARCEL DESCRIBED IN BOOK 3254 AT PAGE 139 AND SAID SHERRELWOOD VILLAGE FILING NO. 1 PLAT CORRECTION NO. 1, A DISTANCE OF 459.50 FEET TO THE EAST CORNER OF LOT 1, BLOCK 4, SAID SHERRELWOOD VILLAGE FILING NO. 1 PLAT CORRECTION NO. 1;

THENCE ALONG THE EAST, SOUTH AND WEST LINES OF SAID LOT 1, BLOCK 4, THE FOLLOWING ELEVEN (11) COURSES:

- 1. S 12°19'21" W, A DISTANCE OF 57.53 FEET TO A POINT ON THE NORTH LINE OF WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SHERRELWOOD VILLAGE PLAT, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 AND A POINT OF NON-TANGENT CURVATURE;
- 2. ALONG THE ARC OF A NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 09°04'20" AND AN ARC LENGTH OF 6.02 FEET, THE CHORD OF WHICH BEARS N 85°25'57" W, A DISTANCE OF 6.02 FEET;
- 3. N 89°58'07" W, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE;
- 4. ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 90°00'00" AND AN ARC LENGTH OF 59.69 FEET;
- 5. N 00°01'53" E, A DISTANCE OF 11.47 FEET;
- 6. N 89°58'07" W, A DISTANCE OF 90.00 FEET TO A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT;
- 7. N 00°01'53" E, ALONG SAID EAST LINE, A DISTANCE OF 30.01 FEET TO A POINT ON THE SOUTH LINE OF THAT PARCEL OF LAND DESCRIBED IN SAID RECEPTION NO. 2019000073502;
- 8. S 89°30'30" W, ALONG A LINE BEING PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BDING 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- 9. N $00^{\circ}01'53$ " E, ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 208.00 FEET TO A POINT BEING 20.00 FEET SOUTH OF THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- 10. N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BEING 50.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, ALSO BEING A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT;
- 11. THENCE N 00°01'53" E, ALONG SAID EAST LINE AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO THE POINT OF BEGINNING.

Old Republic National Title Insurance Company Schedule A

Order Number: RND70782714

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Old Republic National Title Insurance Company Schedule B, Part I (Requirements)

Order Number: RND70782714

All of the following Requirements must be met:

This proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.

Pay the agreed amount for the estate or interest to be insured.

Pay the premiums, fees, and charges for the Policy to the Company.

Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.

- RELEASE OF DEED OF TRUST DATED DECEMBER 26, 2019 FROM DELWEST DEVELOPMENT CORP., A
 COLORADO CORPORATION TO THE PUBLIC TRUSTEE OF ADAMS COUNTY FOR THE USE OF MERCY
 LOAN FUND TO SECURE THE SUM OF \$1,250,000.00 RECORDED DECEMBER 30, 2019, UNDER
 RECEPTION NO. 2019000114918.
- 2. PARTIAL RELEASE OF DEED OF TRUST DATED MARCH 27, 2020, FROM SHIRLEY DUNOMES TO THE PUBLIC TRUSTEE OF ADAMS COUNTY FOR THE USE OF MORTGAGE ELECTRONIC REGISTRATION SYSTEMS, INC. UNITED WHOLESALE MORTGAGE TO SECURE THE SUM OF \$459,900.00 RECORDED MARCH 31, 2020, UNDER RECEPTION NO. 2020000029032.
- 3. RELEASE OF DEED OF TRUST DATED MAY 10, 2021 FROM ELMWOOD NORTH, LLC, A COLORADO LIMITED LIABILITY COMPANY TO THE PUBLIC TRUSTEE OF ADAMS COUNTY FOR THE USE OF FIRST AMERICAN STATE BANK TO SECURE THE SUM OF \$1,080,000.00 RECORDED MAY 13, 2021, UNDER RECEPTION NO. 2021000058942.
- 4. A FULL COPY OF THE FULLY EXECUTED OPERATING AGREEMENT AND ANY AND ALL AMENDMENTS THERETO FOR ELMWOOD NORTH, LLC, A COLORADO LIMITED LIABILITY COMPANY MUST BE FURNISHED TO LAND TITLE GUARANTEE COMPANY. SAID AGREEMENT MUST DISCLOSE WHO MAY CONVEY, ACQUIRE, ENCUMBER, LEASE OR OTHERWISE DEAL WITH INTERESTS IN REAL PROPERTY FOR SAID ENTITY.
 - NOTE: ADDITIONAL REQUIREMENTS MAY BE NECESSARY UPON REVIEW OF THIS DOCUMENTATION.
- 5. WRITTEN CONFIRMATION THAT THE INFORMATION CONTAINED IN STATEMENT OF AUTHORITY FOR ELMWOOD NORTH, LLC, A COLORADO LIMITED LIABILITY COMPANY RECORDED MAY 13, 2021 UNDER RECEPTION NO. 2021000058936 IS CURRENT.
 - NOTE: SAID INSTRUMENT DISCLOSES JOSEPH A DELZOTTO AS THE MANAGER AUTHORIZED TO EXECUTE INSTRUMENTS CONVEYING, ENCUMBERING OR OTHERWISE AFFECTING TITLE TO REAL PROPERTY ON BEHALF OF SAID ENTITY. IF THIS INFORMATION IS NOT ACCURATE, A CURRENT STATEMENT OF AUTHORITY MUST BE RECORDED.
- 6. RECORD DULY EXECUTED AND ACKNOWLEDGED PLAT OF ELMWOOD NORTH FILING NO. 1 AND ANY OTHER INSTRUMENT INCLUDING AMENDED COVENANTS, CONDITIONS AND RESTRICTIONS NECESSARY TO CREATE THE LEGAL DESCRIBED IN SCHEDULE A.
 - NOTE: A COPY OF SAID PLAT MUST BE SUBMITTED TO LAND TITLE GUARANTEE COMPANY PRIOR TO RECORDATION. UPON RECEIPT AND REVIEW FURTHER REQUIREMENTS AND/OR EXCEPTIONS MAY BE NECESSARY.

Old Republic National Title Insurance Company Schedule B, Part I (Requirements)

Order Number: RND70782714

All of the following Requirements must be met:

NOTE: ADDITIONAL REQUIREMENTS OR EXCEPTIONS MAY BE NECESSARY WHEN THE BUYERS NAMES ARE ADDED TO THIS COMMITMENT. COVERAGES AND/OR CHARGES REFLECTED HEREIN, IF ANY, ARE SUBJECT TO CHANGE UPON RECEIPT OF THE CONTRACT TO BUY AND SELL REAL ESTATE AND ANY AMENDMENTS THERETO.

Old Republic National Title Insurance Company

Schedule B, Part II

(Exceptions)

Order Number: RND70782714

This commitment does not republish any covenants, condition, restriction, or limitation contained in any document referred to in this commitment to the extent that the specific covenant, conditions, restriction, or limitation violates state or federal law based on race, color, religion, sex, sexual orientation, gender identity, handicap, familial status, or national origin.

- 1. Any facts, rights, interests, or claims thereof, not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
- 2. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
- Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that
 would be disclosed by an accurate and complete land survey of the Land and not shown by the Public
 Records.
- 4. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the Public Records.
- Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the
 public records or attaching subsequent to the effective date hereof but prior to the date of the proposed
 insured acquires of record for value the estate or interest or mortgage thereon covered by this
 Commitment.
- 6. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
- 7. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water.
- 8. EXISTING LEASES AND TENANCIES, IF ANY.
- 9. RIGHTS OF THE PUBLIC IN AND TO ANY PORTION OF THE SUBJECT PROPERTY LYING WITHIN THE RIGHT OF WAY OF PECOS STREET.
- 10. TERMS, CONDITIONS, PROVISIONS, BURDENS, OBLIGATIONS AND EASEMENTS AS SET FORTH AND GRANTED IN EXCLUSIVE EASEMENT FOR PIPELINE RECORDED DECEMBER 29, 1986 UNDER RECEPTION NO. B705776.
- 11. TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS OF EASEMENT DESCRIBED WARRANTY DEED RECORDED APRIL 10, 1963 IN BOOK 1058 AT PAGE 371.
- 12. TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS OF EASEMENTS DESCRIBED IN DEED RECORDED DECEMBER 29, 1986 IN BOOK 3251 AT PAGE 924.
- 13. TERMS, CONDITIONS AND PROVISIONS OF OPERATION AND MAINTENANCE MANUAL RECORDED APRIL 02, 2018 AT RECEPTION NO. <u>20180000026268</u>.
- 14. TERMS, CONDITIONS AND PROVISIONS OF RESOLUTION 2018-533 RECORDED AUGUST 16, 2018 UNDER RECEPTION NO. 2018000066629.

Old Republic National Title Insurance Company Schedule B, Part II

(Exceptions)

Order Number: RND70782714

- 15. TERMS, CONDITIONS AND PROVISIONS OF RESOLUTION 20108-534 RECORDED AUGUST 16, 2018 UNDER RECEPTION NO. 2018000066681.
- 16. TERMS, CONDITIONS AND PROVISIONS OF PERMANENT DRAINAGE EASEMENT RECORDED SEPTEMBER 06, 2018 UNDER RECEPTION NO. <u>2018000072630</u> AND RECORDED APRIL 9, 2019 UNDER RECEPTION NO. <u>2019000025839</u>.
- 17. EASEMENTS, CONDITIONS, COVENANTS, RESTRICTIONS, RESERVATIONS AND NOTES ON THE PLAT OF SHERRELWOOD VILLAGE RECORDED SEPTEMBER 18, 2018 UNDER RECEPTION NO. 2018000075940.
 - AFFIDAVIT OF PLAT CORRECTION RECORDED SEPTEMBER 4, 2019 UNDER RECEPTION NO. **2019000073330**.
- 18. TERMS, CONDITIONS AND PROVISIONS OF SHERRELWOOD VILLAGE PLANNED UNIT DEVELOPMENT-FINAL DEVELOPMENT PLAN RECORDED SEPTEMBER 18, 2018 UNDER RECEPTION NO. 2018000075941.
- 19. TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS AS SET FORTH IN COUNSTRUCTION AND DRAINAGE EASEMENT AGREEMENT RECORDED AUGUST 07, 2019 UNDER RECEPTION NO. 2019000063643.
- 20. RESTRICTIVE COVENANTS, WHICH DO NOT CONTAIN A FORFEITURE OR REVERTER CLAUSE, BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, OR SOURCE OF INCOME, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS CONTAINED IN INSTRUMENT RECORDED NOVEMBER 08, 2019, UNDER RECEPTION NO. 2019000096873 AND FIRST SUPPLEMENTAL DECLARATION RECORDED MARCH 23, 2020 UNDER RECEPTION NO. 2020000024705 AND LIMITED AMENDMENT TO DECLARATION RECORDED MAY 7, 2020 UNDER RECEPTION NO. 2020000041819 AND SUPPLEMENT AND CORRECTION DECLARATION RECORDED JULY 20, 2022 UNDER RECEPTION NO. 2022000062521.
- 21. TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS AS SET FORTH IN RESOLUTION APPROVING APPLICATION IN CASE #PRC2020-00010; SHERRELWOOD VILLAGE PUD AMENDMENT RECORDED MARCH 11, 2021 UNDER RECEPTION NO. 2021000029929.
- 22. EASEMENTS, CONDITIONS, COVENANTS, RESTRICTIONS, RESERVATIONS AND NOTES ON THE PLAT OF SHERRELWOOD VILLAGE FILING NO. 1 PLAT CORRECTION NO. 1 RECORDED APRIL 15, 2022 UNDER RECEPTION NO. 2022000033903 AND RECORDED JUNE 7, 2022 UNDER RECEPTION NO. 2022000050487.
- 23. EASEMENTS, CONDITIONS, COVENANTS, RESTRICTIONS, RESERVATIONS AND NOTES ON THE PLAT OF ELMWOOD NORTH FILING NO. 1 RECORDED ______ UNDER RECEPTION NO. _____.



LAND TITLE GUARANTEE COMPANY DISCLOSURE STATEMENTS

Note: Pursuant to CRS 10-11-122, notice is hereby given that:

- (A) The Subject real property may be located in a special taxing district.
- (B) A certificate of taxes due listing each taxing jurisdiction will be obtained from the county treasurer of the county in which the real property is located or that county treasurer's authorized agent unless the proposed insured provides written instructions to the contrary. (for an Owner's Policy of Title Insurance pertaining to a sale of residential real property).
- (C) The information regarding special districts and the boundaries of such districts may be obtained from the Board of County Commissioners, the County Clerk and Recorder, or the County Assessor.

Note: Effective September 1, 1997, CRS 30-10-406 requires that all documents received for recording or filing in the clerk and recorder's office shall contain a top margin of at least one inch and a left, right and bottom margin of at least one half of an inch. The clerk and recorder may refuse to record or file any document that does not conform, except that, the requirement for the top margin shall not apply to documents using forms on which space is provided for recording or filing information at the top margin of the document.

Note: Colorado Division of Insurance Regulations 8-1-2 requires that "Every title entity shall be responsible for all matters which appear of record prior to the time of recording whenever the title entity conducts the closing and is responsible for recording or filing of legal documents resulting from the transaction which was closed". Provided that Land Title Guarantee Company conducts the closing of the insured transaction and is responsible for recording the legal documents from the transaction, exception number 5 will not appear on the Owner's Title Policy and the Lenders Policy when issued.

Note: Affirmative mechanic's lien protection for the Owner may be available (typically by deletion of Exception no. 4 of Schedule B, Section 2 of the Commitment from the Owner's Policy to be issued) upon compliance with the following conditions:

- (A) The land described in Schedule A of this commitment must be a single family residence which includes a condominium or townhouse unit.
- (B) No labor or materials have been furnished by mechanics or material-men for purposes of construction on the land described in Schedule A of this Commitment within the past 6 months.
- (C) The Company must receive an appropriate affidavit indemnifying the Company against un-filed mechanic's and material-men's liens.
- (D) The Company must receive payment of the appropriate premium.
- (E) If there has been construction, improvements or major repairs undertaken on the property to be purchased within six months prior to the Date of Commitment, the requirements to obtain coverage for unrecorded liens will include: disclosure of certain construction information; financial information as to the seller, the builder and or the contractor; payment of the appropriate premium fully executed Indemnity Agreements satisfactory to the company, and, any additional requirements as may be necessary after an examination of the aforesaid information by the Company.

No coverage will be given under any circumstances for labor or material for which the insured has contracted for or agreed to pay.

Note: Pursuant to CRS 10-11-123, notice is hereby given:

This notice applies to owner's policy commitments disclosing that a mineral estate has been severed from the surface estate, in Schedule B-2.

- (A) That there is recorded evidence that a mineral estate has been severed, leased, or otherwise conveyed from the surface estate and that there is substantial likelihood that a third party holds some or all interest in oil, gas, other minerals, or geothermal energy in the property; and
- (B) That such mineral estate may include the right to enter and use the property without the surface owner's permission.

Note: Pursuant to CRS 10-1-128(6)(a), It is unlawful to knowingly provide false, incomplete, or misleading facts or information to an insurance company for the purpose of defrauding or attempting to defraud the company. Penalties may include imprisonment, fines, denial of insurance, and civil damages. Any insurance company or agent of an insurance company who knowingly provides false, incomplete, or misleading facts or information to a policyholder or claimant for the purpose of defrauding or attempting to defraud the policyholder or claimant with regard to a settlement or award payable from insurance proceeds shall be reported to the Colorado Division of Insurance within the Department of Regulatory Agencies.

Note: Pursuant to Colorado Division of Insurance Regulations 8-1-3, notice is hereby given of the availability of a closing protection letter for the lender, purchaser, lessee or seller in connection with this transaction.

Note: Pursuant to CRS 10-1-11(4)(a)(1), Colorado notaries may remotely notarize real estate deeds and other documents using real-time audio-video communication technology. You may choose not to use remote notarization for any document.



JOINT NOTICE OF PRIVACY POLICY OF LAND TITLE GUARANTEE COMPANY, LAND TITLE GUARANTEE COMPANY OF SUMMIT COUNTY LAND TITLE INSURANCE CORPORATION AND OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY

This Statement is provided to you as a customer of Land Title Guarantee Company as agent for Land Title Insurance Corporation and Old Republic National Title Insurance Company.

We want you to know that we recognize and respect your privacy expectations and the requirements of federal and state privacy laws. Information security is one of our highest priorities. We recognize that maintaining your trust and confidence is the bedrock of our business. We maintain and regularly review internal and external safeguards against unauthorized access to your non-public personal information ("Personal Information").

In the course of our business, we may collect Personal Information about you from:

- applications or other forms we receive from you, including communications sent through TMX, our web-based transaction management system;
- your transactions with, or from the services being performed by us, our affiliates, or others;
- a consumer reporting agency, if such information is provided to us in connection with your transaction;

and

 The public records maintained by governmental entities that we obtain either directly from those entities, or from our affiliates and non-affiliates.

Our policies regarding the protection of the confidentiality and security of your Personal Information are as follows:

- We restrict access to all Personal Information about you to those employees who need to know that information in order to provide products and services to you.
- We may share your Personal Information with affiliated contractors or service providers who provide services in the course of our business, but only to the extent necessary for these providers to perform their services and to provide these services to you as may be required by your transaction.
- We maintain physical, electronic and procedural safeguards that comply with federal standards to protect your Personal Information from unauthorized access or intrusion.
- Employees who violate our strict policies and procedures regarding privacy are subject to disciplinary action.
- We regularly assess security standards and procedures to protect against unauthorized access to Personal Information.

WE DO NOT DISCLOSE ANY PERSONAL INFORMATION ABOUT YOU WITH ANYONE FOR ANY PURPOSE THAT IS NOT STATED ABOVE OR PERMITTED BY LAW.

Consistent with applicable privacy laws, there are some situations in which Personal Information may be disclosed. We may disclose your Personal Information when you direct or give us permission; when we are required by law to do so, for example, if we are served a subpoena; or when we suspect fraudulent or criminal activities. We also may disclose your Personal Information when otherwise permitted by applicable privacy laws such as, for example, when disclosure is needed to enforce our rights arising out of any agreement, transaction or relationship with you.

Our policy regarding dispute resolution is as follows: Any controversy or claim arising out of or relating to our privacy policy, or the breach thereof, shall be settled by arbitration in accordance with the rules of the American Arbitration Association, and judgment upon the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.



Commitment For Title Insurance Issued by Old Republic National Title Insurance Company

NOTICE

IMPORTANT—READ CAREFULLY: THIS COMMITMENT IS AN OFFER TO ISSUE ONE OR MORE TITLE INSURANCE POLICIES. ALL CLAIMS OR REMEDIES SOUGHT AGAINST THE COMPANY INVOLVING THE CONTENT OF THIS COMMITMENT OR THE POLICY MUST BE BASED SOLELY IN CONTRACT.

THIS COMMITMENT IS NOT AN ABSTRACT OF TITLE, REPORT OF THE CONDITION OF TITLE, LEGAL OPINION, OPINION OF TITLE, OR OTHER REPRESENTATION OF THE STATUS OF TITLE. THE PROCEDURES USED BY THE COMPANY TO DETERMINE INSURABILITY OF THE TITLE, INCLUDING ANY SEARCH AND EXAMINATION, ARE PROPRIETARY TO THE COMPANY, WERE PERFORMED SOLELY FOR THE BENEFIT OF THE COMPANY, AND CREATE NO EXTRACONTRACTUAL LIABILITY TO ANY PERSON, INCLUDING A PROPOSED INSURED.

THE COMPANY'S OBLIGATION UNDER THIS COMMITMENT IS TO ISSUE A POLICY TO A PROPOSED INSURED IDENTIFIED IN SCHEDULE A IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THIS COMMITMENT. THE COMPANY HAS NO LIABILITY OR OBLIGATION INVOLVING THE CONTENT OF THIS COMMITMENT TO ANY OTHER PERSON.

COMMITMENT TO ISSUE POLICY

Subject to the Notice; Schedule B, Part I—Requirements; Schedule B, Part II—Exceptions; and the Commitment Conditions, Old Republic National Title Insurance Company, a Minnesota corporation (the "Company"), commits to issue the Policy according to the terms and provisions of this Commitment. This Commitment is effective as of the Commitment Date shown in Schedule A for each Policy described in Schedule A, only when the Company has entered in Schedule A both the specified dollar amount as the Proposed Policy Amount and the name of the Proposed Insured. If all of the Schedule B, Part I—Requirements have not been met within 6 months after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

COMMITMENT CONDITIONS

1. DEFINITIONS

- (a) "Knowledge" or "Known": Actual or imputed knowledge, but not constructive notice imparted by the Public Records.
- (b)"Land": The land described in Schedule A and affixed improvements that by law constitute real property. The term "Land" does not include any property beyond the lines of the area described in Schedule A, nor any right, title, interest, estate, or easement in abutting streets, roads, avenues, alleys, lanes, ways, or waterways, but this does not modify or limit the extent that a right of access to and from the Land is to be insured by the Policy.
- (c) "Mortgage": A mortgage, deed of trust, or other security instrument, including one evidenced by electronic means authorized by law.
- (d) "Policy": Each contract of title insurance, in a form adopted by the American Land Title Association, issued or to be issued by the Company pursuant to this Commitment.
- (e) "Proposed Insured": Each person identified in Schedule A as the Proposed Insured of each Policy to be issued pursuant to this Commitment.
- (f) "Proposed Policy Amount": Each dollar amount specified in Schedule A as the Proposed Policy Amount of each Policy to be issued pursuant to this Commitment
- (g)"Public Records": Records established under state statutes at the Commitment Date for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without Knowledge.
- (h) "Title": The estate or interest described in Schedule A.
- 2. If all of the Schedule B, Part I—Requirements have not been met within the time period specified in the Commitment to Issue Policy, Commitment terminates and the Company's liability and obligation end.
- 3. The Company's liability and obligation is limited by and this Commitment is not valid without:
 - (a)the Notice;
 - (b)the Commitment to Issue Policy;
 - (c) the Commitment Conditions;
 - (d)Schedule A;
 - (e)Schedule B, Part I—Requirements; and
 - (f) Schedule B, Part II—Exceptions; and
 - (g)a counter-signature by the Company or its issuing agent that may be in electronic form.

4. COMPANY'S RIGHT TO AMEND

The Company may amend this Commitment at any time. If the Company amends this Commitment to add a defect, lien, encumbrance, adverse claim, or other matter recorded in the Public Records prior to the Commitment Date, any liability of the Company is limited by Commitment Condition 5. The Company shall not be liable for any other amendment to this Commitment.

5. LIMITATIONS OF LIABILITY

- (a) The Company's liability under Commitment Condition 4 is limited to the Proposed Insured's actual expense incurred in the interval between the Company's delivery to the Proposed Insured of the Commitment and the delivery of the amended Commitment, resulting from the Proposed Insured's good faith reliance to:
 - i. comply with the Schedule B, Part I—Requirements;
 - ii. eliminate, with the Company's written consent, any Schedule B, Part II-Exceptions; or
 - iii. acquire the Title or create the Mortgage covered by this Commitment.
- (b) The Company shall not be liable under Commitment Condition 5(a) if the Proposed Insured requested the amendment or had Knowledge of the matter and did not notify the Company about it in writing.
- (c) The Company will only have liability under Commitment Condition 4 if the Proposed Insured would not have incurred the expense had the Commitment included the added matter when the Commitment was first delivered to the Proposed Insured.
- (d)The Company's liability shall not exceed the lesser of the Proposed Insured's actual expense incurred in good faith and described in Commitment Conditions 5(a)(i) through 5(a)(iii) or the Proposed Policy Amount.
- (e) The Company shall not be liable for the content of the Transaction Identification Data, if any.

- (f) In no event shall the Company be obligated to issue the Policy referred to in this Commitment unless all of the Schedule B, Part I—Requirements have been met to the satisfaction of the Company.
- (g)In any event, the Company's liability is limited by the terms and provisions of the Policy.

6. LIABILITY OF THE COMPANY MUST BE BASED ON THIS COMMITMENT

- (a)Only a Proposed Insured identified in Schedule A, and no other person, may make a claim under this Commitment.
- (b) Any claim must be based in contract and must be restricted solely to the terms and provisions of this Commitment.
- (c) Until the Policy is issued, this Commitment, as last revised, is the exclusive and entire agreement between the parties with respect to the subject matter of this Commitment and supersedes all prior commitment negotiations, representations, and proposals of any kind, whether written or oral, express or implied, relating to the subject matter of this Commitment.
- (d) The deletion or modification of any Schedule B, Part II—Exception does not constitute an agreement or obligation to provide coverage beyond the terms and provisions of this Commitment or the Policy.
- (e)Any amendment or endorsement to this Commitment must be in writing and authenticated by a person authorized by the Company.
- (f) When the Policy is issued, all liability and obligation under this Commitment will end and the Company's only liability will be under the Policy.

7. IF THIS COMMITMENT HAS BEEN ISSUED BY AN ISSUING AGENT

The issuing agent is the Company's agent only for the limited purpose of issuing title insurance commitments and policies. The issuing agent is not the Company's agent for the purpose of providing closing or settlement services.

8. PRO-FORMA POLICY

The Company may provide, at the request of a Proposed Insured, a pro-forma policy illustrating the coverage that the Company may provide. A pro-forma policy neither reflects the status of Title at the time that the pro-forma policy is delivered to a Proposed Insured, nor is it a commitment to insure.

9. ARBITRATION

The Policy contains an arbitration clause. All arbitrable matters when the Proposed Policy Amount is \$2,000,000 or less shall be arbitrated at the option of either the Company or the Proposed Insured as the exclusive remedy of the parties. A Proposed Insured may review a copy of the arbitration rules at http://www.alta.org/arbitration.

IN WITNESS WHEREOF, Land Title Insurance Corporation has caused its corporate name and seal to be affixed by its duly authorized officers on the date shown in Schedule A to be valid when countersigned by a validating officer or other authorized signatory.

Issued by: Land Title Guarantee Company 3033 East First Avenue Suite 600 Denver, Colorado 80206 303-321-1880

GB Kants

Craig B. Rants, Senior Vice President

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OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY

A Stock Company 400 Second Avenue South, Minneapolis, Minnesota 55401 (612) 371-1111

Attest David Wold

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This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by Old Republic National Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I—Requirements; and Schedule B, Part II—Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.

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December 17, 2019

Ms. Melissa Hale Delwest Development Corp. 155 South Madison Street Suite 326 Denver, CO 80209

Re: Sherrelwood Village - Trip Generation Calculation Study Letter

Pecos Street and 79th Way Adams County, Colorado

Dear Ms. Hale:

This traffic evaluation letter documents a project trip generation for the proposed Sherrelwood Village residential neighborhood project to be located at the Pecos Street and 79th Way intersection in Adams County, Colorado. The development is located along the east side of Pecos Street, approximately halfway between US-36 and 84th Avenue. The residential neighborhood development currently proposes 41 single family detached homes and 48 multi-family townhome units. A conceptual site plan of the proposed development is attached. This letter identifies the amount of traffic associated with this proposed project.

Trip Generation

Site-generated traffic estimates are determined through a process known as trip generation. Rates and equations are applied to the proposed land use to estimate traffic generated by the development during a specific time interval. The acknowledged source for trip generation rates is the *Trip Generation Manual* published by the Institute of Transportation Engineers (ITE). ITE has established trip rates in nationwide studies of similar land uses. Trip generation is based on the ITE Trip Generation, 10th Edition (most current edition) regression equations for Single-Family Detached Housing (ITE Code 210) and Multifamily Housing (Low-Rise) (ITE Code 220) for traffic associated with these proposed uses.

The following table summarizes the anticipated trip generation for the proposed single family detached and townhome residential neighborhood (trip generation calculations are attached). Project generated traffic volumes are identified on a weekday daily as well as on a morning peak hour and afternoon peak hour basis. The morning peak hour is the highest one-hour time period of adjacent street traffic during four consecutive 15-minute intervals during the morning peak hour, between 7:00 am and 9:00 am. The afternoon peak hour is the highest one-hour time period of four consecutive 15-minute intervals between the hours of 4:00 pm and 6:00 pm representing the afternoon peak hour.

Sherrelwood Village Traffic Generation

	Daily	Weekday Vehicle Trips					
	Vehicle	AM Peak Hour			PM Peak Hour		
Land Use and Size	Trips	In	Out	Total	In	Out	Total
Single Family Detached Homes							
(ITE 210) 41 Units	458	7	27	34	27	16	43
Multifamily Housing Townhomes							
(ITE 220) 48 Units	322	6	18	24	20	11	31
Total							
89 Units	780	13	45	58	47	27	74



As summarized in the table, the proposed Sherrelwood Village residential neighborhood is anticipated to generate 780 weekday daily trips with 58 trips (13 in and 45 out) occurring during the morning peak hour, and 74 trips (47 in and 27 out) occurring during the afternoon peak hour.

Site Area and Project Access

The existing site is comprised of vacant land while the immediate area surrounding consists primarily of single-family residences. Sherrelwood Elementary School is located to the northeast of the site. The extended area consists of some commercial space to the south on the northeast quadrant of the US-36 and Pecos Street interchange and to the north on both the northwest and northeast corners of the 84th Avenue and Pecos Street intersection.

Regional access to the site will be provided US-36 and Interstate 25 while primary access will be provided by Pecos Street and 84th Avenue. Direct access to the site will be provided from two full movement access streets located along the east side of Pecos Street. Pecos Street is currently a five-lane roadway providing two through lanes northbound and southbound and a continuous two way left turn lane adjacent to the project site. The roadway has striped shoulders that allow parking and it has a posted speed limit of 35 miles per hour adjacent to the project site. The northern access street for the residential neighborhood is proposed to align with 79th Way, while the southern access street will be located approximately 550 feet south of the north access at 79th Way (650 feet north of Elmwood Lane).

Summary and Conclusions

In summary, this Sherrelwood Village residential neighborhood project of 41 single family detached homes and 48 townhomes is anticipated to generate a relatively low traffic volume to the surrounding area. When distributed and assigned to the surrounding public street intersections, a relatively negligible increase in traffic volumes are expected; therefore, it is anticipated that the surrounding street network will successfully accommodate this project traffic volume. If you have any questions or require anything further, please feel free to call me at (303) 228-2304.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Curtis D. Rowe, P.E., PTOE

Vice President



Project	Sherrelwood Villag	e			
Subject	Trip Generation fo	Single-Family D	etached Housing		
Designed by	CDR	Date	December 17, 2019	Job No.	
Checked by		 Date		Sheet No.	of

TRIP GENERATION MANUAL TECHNIQUES

ITE Trip Generation Manual 10th Edition, Fitted Curve Equations

Land Use Code - Single-Family Detached Housing (210)

Independent Variable - Dwelling Units (X)

$$X = 41$$

T = Average Vehicle Trip Ends

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m. (200 Series Page 3)

Average Weekday Directional Distribution: 25% ent. 75% exit. T = 34 Average Vehicle Trip Ends (T) = 0.71 * (41) + 4.80 7 entering 26 exiting

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m. (200 Series Page 4)

Average Weekday Directional Distribution: 63% ent. 37% exit. $Ln(T) = 0.96 \ Ln(X) + 0.20$ T = 43 Average Vehicle Trip Ends $Ln(T) = 0.96 \ ^*$ Ln(41) + 0.20 27 entering 16 exiting 27 + 16 = 43

Peak Hour of Generator, Saturday (200 Series Page 8)

Average Saturday Directional Distribution: 54% ent. exit. Average Vehicle Trip Ends (T) = 0.84 (X) + 17.99T = 52 (T) = 0.84 *(41)+ 17.99 entering 24 exiting 28 24 52

Weekday (200 Series Page 2)

Average Weekday Directional Distribution: 50% entering, 50% exiting Ln(T) = 0.92 Ln(X) + 2.71 T = 458 Average Vehicle Trip Ends Ln(T) = 0.92 * Ln(41) + 2.71 229 entering 229 exiting

229 + 229 = 458

27



Project	Sherrelwood Village						
Subject	Trip Generation for Mu	ıltifamily Hou	ısing (Low-Rise)				
Designed by	Curtis Rowe	Date	December 17, 2019	Job No.			
Checked by		Date		Sheet No.	1	of	1

TRIP GENERATION MANUAL TECHNIQUES

ITE Trip Generation Manual 10th Edition, Fitted Curve Equations

Land Use Code - Multifamily Housing (Low-Rise) (220)

Independent Variable - Dwelling Units (X)

$$X = 48$$

T = Average Vehicle Trip Ends

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m. (Series 200 Page 32)

Directional Distribution: 23% ent. 77% exit. $Ln(T) = 0.95 \ Ln(X) - 0.51$ T = 24 Average Vehicle Trip Ends $Ln(T) = 0.95 \ ^*$ Ln(48.0) - 0.51 6 entering 18 exiting 6 + 18 = 24

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m. (Series 200 Page 33)

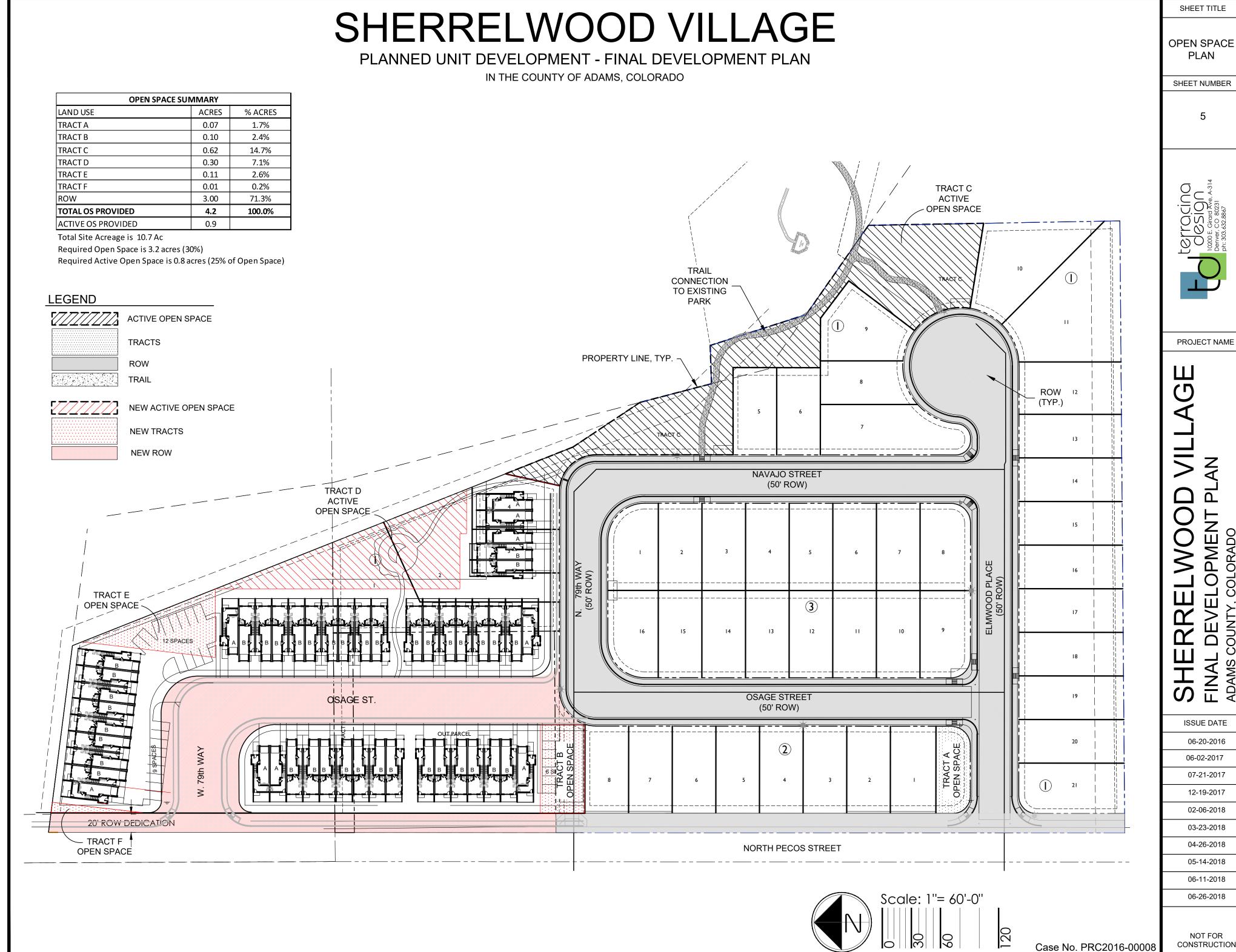
Directional Distribution: 63% ent. 37% exit. Ln(T) = 0.89 Ln(X) - 0.02 T = 31 Average Vehicle Trip Ends Ln(T) = 0.89 * Ln(48.0) - 0.02 20 entering 11 exiting

Weekday (Series 200 Page 31)

Directional Distribution: 50% ent. 50% exit. $T = 322 \quad \text{Average Vehicle Trip Ends}$ $T = 322 \quad \text{Average Vehicle Trip Ends}$ $T = 321 \quad \text{Average Vehicle Trip Ends}$ $T = 322 \quad \text{Average Vehicle Trip Ends}$ $T = 321 \quad \text{Average Vehicle Trip Ends}$ $T = 322 \quad \text{Average Vehicle Trip Ends}$

Peak Hour of Generator, Saturday (Series 200 Page 37)

Directional Distribution: 50% ent. 50% exit. T = 1.08*(X) - 33.24 T = 19 Average Vehicle Trip Ends T = 10.08*(X) - 33.24 8 entering 10 exiting T = 10.08*(X) - 33.24 8 entering 10 exiting



ISSUE DATE 06-20-2016 06-02-2017

07-21-2017

02-06-2018

04-26-2018

06-11-2018

NOT FOR CONSTRUCTION



WILL SERVE LETTER

June 5, 2024

Delwest Development Corp. 155 S Madison St. # 326 Denver, CO 80209

Re: 7996 N Pecos St. Denver, CO

Dear Rose Gallucci,

This letter is to confirm that Xcel Energy is your utility provider for natural gas and electric service. In accordance with our tariffs, on file with and approved by the Colorado Public Utilities Commission, gas and electric facilities can be made available to serve the project at 7996 N. Pecos St. Denver. The cost, and whether any reinforcements or extensions are required, for the Company to provide those facilities will be determined by your designer upon receipt of application and project plans.

Your utility service(s) will be provided after the following steps are completed:

- Application submitted to Xcel Energy's "Builders Call Line (BCL)" once your application is accepted you will be assigned a design department representative who will be your primary point of contact
- *Utility design is completed* you must provide your design representative with the site plan, the one line diagrams, and panel schedules for electric and gas loads if applicable
- All documents provided by design representative are signed and returned
- *Payment is received* (Residential Service Laterals if applicable)
- Required easements are granted you must sign and return applicable easement documents to your Right-of-Way agent
- *Site is ready for utility construction* the site ready information can be found on our website at may be viewed at Construction and Inspection | Xcel Energy.

An estimated scheduled in-service date will be provided once these requirements have been met. It is important to keep in mind that the terms and conditions of utility service, per our tariffs, require that you provide adequate space and an easement on your property for all gas and electric facilities required to serve your project, including but not limited to gas and electrical lines and meters, transformers, and pedestals. General guidelines for requirements can be found on our website at xcelenergy.com/InstallAndConnect.

Xcel Energy looks forward to working with you on your project and if I can be of further assistance, please contact me at the phone number or email listed below.

Sincerely,

Christine Nakwa Xcel Energy Technician

Mailing address: Xcel Energy

5460 W 60th Ave Arvada, CO 80003



WILL SERVE LETTER

June 5, 2024

Delwest Development Corp. 155 S Madison St. # 326 Denver, CO 80209

Re: 8000 N Pecos St. Denver, CO

Dear Rose Gallucci,

This letter is to confirm that Xcel Energy is your utility provider for natural gas and electric service. In accordance with our tariffs, on file with and approved by the Colorado Public Utilities Commission, gas and electric facilities can be made available to serve the project at 8000 N. Pecos St. Denver. The cost, and whether any reinforcements or extensions are required, for the Company to provide those facilities will be determined by your designer upon receipt of application and project plans.

Your utility service(s) will be provided after the following steps are completed:

- Application submitted to Xcel Energy's "Builders Call Line (BCL)" once your application is accepted you will be assigned a design department representative who will be your primary point of contact
- *Utility design is completed* you must provide your design representative with the site plan, the one line diagrams, and panel schedules for electric and gas loads if applicable
- All documents provided by design representative are signed and returned
- *Payment is received* (Residential Service Laterals if applicable)
- Required easements are granted you must sign and return applicable easement documents to your Right-of-Way agent
- *Site is ready for utility construction* the site ready information can be found on our website at may be viewed at Construction and Inspection | Xcel Energy.

An estimated scheduled in-service date will be provided once these requirements have been met. It is important to keep in mind that the terms and conditions of utility service, per our tariffs, require that you provide adequate space and an easement on your property for all gas and electric facilities required to serve your project, including but not limited to gas and electrical lines and meters, transformers, and pedestals. General guidelines for requirements can be found on our website at xcelenergy.com/InstallAndConnect.

Xcel Energy looks forward to working with you on your project and if I can be of further assistance, please contact me at the phone number or email listed below.

Sincerely,

Christine Nakwa Xcel Energy Technician

Mailing address: Xcel Energy

5460 W 60th Ave Arvada, CO 80003 6/12/24, 2:57 PM Transact | Receipt



Receipt #843116

Date: 6/12/24 Method: American Express

Total amount

\$950.00

Description Amount

Pre-Pay the Colorado Geological Survey Land Use Review Fee

\$950.00

Pre-Pay the Colorado Geological Survey Land Use Review Fee Must select project size to calculate a price: Small Subdivision -

Project Name: Elmwood North County of Project: Adams County Applicant's Name: Elmwood North LLC

Applicant's Address (line 1): 155 S Madison St #326

Applicant's Address (line 2): Applicant's City: Denver Applicant's State: CO

Applicant's Zip Code: 80209 Applicant's Phone: 7207084065

Applicant's Email: dylan@delwest.com

Section: 33 Township: 2 Range: 68

Latitude: 39.842050 Longitude: 105.005480

Subtotal \$950.00

Total \$950.00

about:blank 1/2

6/12/24, 2:57 PM Transact | Receipt

Payments received	Amount
AMERICAN (**** 3004) Authorization #225761	\$950.00
Total	\$950.00

Thank you for the payment.

about:blank 2/2

Water Resources/Infrastructure Department | 12450 Washington St. | Thornton, CO 80241

720-977-6600 | emily.hunt@ThorntonCO.gov | ThorntonWater.com

TO:

ROSE GALLUCCI

DELWEST DEVELOPMENT CORP. 155 S. MADISON ST. STE. 326 **DENVER, CO 80209**

June 17, 2024

RE: City Water and Wastewater Service for 8000 N Pecos St and 7996 Pecos St

Dear Ms. Gallucci,

This letter is to confirm that currently there is adequate capacity in the City of Thornton (City) water and wastewater systems to serve 70 units at the above-identified property subject to the limitations stated below. However, please be aware that the City does not guarantee capacity of proposed developments indefinitely or capacity for future developments. System capacity must be verified at the time of development.

The extension of City water and wastewater mains and service connections necessary to serve this property shall be installed at the expense of the property owner/developer. The design and installation of all water and wastewater improvements shall conform to all ordinances and regulations, codes and specifications in effect at the time of development. Also, the property owner shall comply with all the requirements of any utility extension agreements or other agreements that may affect this property. This property will need to comply with the most current ordinances applicable to water and sewer rates and charges.

System capacity is based on a use consistent with development plans and can be affected by drought, emergency or lack of available water resources. The City has the authority to and may suspend the issuance of new water taps and connections to the City water mains for an indefinite





period of time for these reasons, and/or take other emergency measures that may affect the availability of water service.

This letter is valid for a period of one (1) year from the date of this letter.

Please contact me at 720-977-6600 or Emily.Hunt@ThorntonCO.gov if you have any questions.

Sincerely,

Emily Hunt

Deputy Utilities Director

cc: Cassie Free, Development Engineering Manager

ELMWOOD NORTH FILING NO. 1

A RESUBDIVISION OF LOT 1, BLOCK 4, SHERRELWOOD VILLAGE FLING NO. 1 - PLAT CORRECTION NO. 1
TOGETHER WITH A PORTION OF THE SE 1/4 OF SECTION 28 AND THE NE 1/4 OF SECTION 33, ALL WITHIN T.2S., R.68W. OF THE 6TH P.M.
COUNTY OF ADAMS, STATE OF COLORADO

SHEET 1 OF 2

DEDICATION AND OWNERSHIP:

KNOW ALL MEN BY THESE PRESENTS THAT ELMWOOD NORTH, LLC, A COLORADO LIMITED LIABILITY COMPANY AND DELWEST DEVELOPEMENT CORP., A COLORADO CORPORATION, BEING THE SOLE OWNER OF THE FOLLOWING DESCRIBED TRACT OF LAND:

A PARCEL OF LAND BEING LOT 1, BLOCK 4, SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2022000050487, TOGETHER WITH THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000073502 AND THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000075343, ALL IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN THE SOUTHEAST QUARTER OF SECTION 28 AND THE NORTHEAST QUARTER OF SECTION 33, BOTH IN TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF ADAMS, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 33, THENCE N 89°30'30" E, ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 50.00 FEET TO A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY THAT RESOLUTION RECORDED IN BOOK 3270 AT PAGE 279, SAID ADAMS COUNTY RECORDS AND THE POINT OF BEGINNING;

THENCE N 00°14'47" W, ALONG THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY, AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28, A DISTANCE OF 293.01 FEET TO A POINT ON THE NORTH LINE OF SAID PARCEL OF LAND DESCRIBED IN BOOK 3254 AT PAGE 139;

THENCE S 82°41'00" E, ALONG SAID NORTH LINE, A DISTANCE OF 8.12 FEET TO THE WEST CORNER OF PARCEL D, AS DESCRIBED IN THAT QUIT CLAIM DEED RECORDED IN BOOK 3251 AT PAGE 924:

THENCE ALONG THE SOUTH AND WEST LINES OF SAID PARCEL D, THE FOLLOWING TWO (2) COURSES:

- 1. S 76°46'56" E, A DISTANCE OF 178.56 FEET;
- 2. S 21°38'59" E, ALONG THE EAST LINES OF SAID PARCEL DESCRIBED IN BOOK 3254 AT PAGE 139 AND SAID SHERRELWOOD VILLAGE FILING NO. 1 PLAT CORRECTION NO. 1, A DISTANCE OF 459.50 FEET TO THE EAST CORNER OF LOT 1, BLOCK 4, SAID SHERRELWOOD VILLAGE FILING NO. 1 PLAT CORRECTION NO. 1;

THENCE ALONG THE EAST, SOUTH AND WEST LINES OF SAID LOT 1, BLOCK 4, THE FOLLOWING ELEVEN (11) COURSES:

1. S 12°19'21" W, A DISTANCE OF 57.53 FEET TO A POINT ON THE NORTH LINE OF WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SHERRELWOOD VILLAGE PLAT, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 AND A POINT OF

- 2. ALONG THE ARC OF A NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 09°04'20" AND AN ARC LENGTH OF 6.02 FEET, THE CHORD OF WHICH BEARS N85°25'57" W, A DISTANCE OF 6.02 FEET:
- . N 89°58'07" W, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE;
- 4. ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 90°00'00" AND AN ARC LENGTH OF 59.69 FEET;
- 5. N 00°01'53" E, A DISTANCE OF 11.47 FEET;
- 6. N 89°58'07" W, A DISTANCE OF 90.00 FEET TO A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT;
- 7. N 00°01'53" E, ALONG SAID EAST LINE, A DISTANCE OF 30.01 FEET TO A POINT ON THE SOUTH LINE OF THAT PARCEL OF LAND DESCRIBED IN SAID RECEPTION NO. 2019000073502;
- 8. S 89°30'30" W, ALONG A LINE BEING PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BDING 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION
- 9. N 00°01'53" E, ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 208.00 FEET TO A POINT BEING 20.00 FEET SOUTH OF THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33:
- 10. N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BEING 50.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, ALSO BEING A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT;
- 11. THENCE N 00°01'53" E, ALONG SAID EAST LINE AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO THE POINT OF BEGINNING.

HAVE BY THESE PRESENTS LAID OUT, PLATTED AND SUBDIVIDED THE SAME INTO BLOCKS, LOTS, STREETS AND EASEMENTS AS SHOWN ON THIS PLAT UNDER THE NAME AND STYLE OF ELMWOOD NORTH FILING NO. 1. THE UNDERSIGNED DOES HEREBY DEDICATE, GRANT AND CONVEY TO ADAMS COUNTY TRACT A AS SHOWN ON THE PLAT; AND FURTHER RESTRICTS THE USE OF ALL PUBLIC EASEMENTS TO ADAMS COUNTY AND/OR ITS ASSIGNS, PROVIDED HOWEVER, THAT THE SOLE RIGHT AND AUTHORITY TO

EDICATE, GRANT AND CONVEY TO ADAMS CO	ONLY TRACT A AS SHOWN ON THE PLAT; AND FURTHER RESTRICTS THE USE OF AL
UBLIC EASEMENTS TO ADAMS COUNTY AND/C	OR ITS ASSIGNS, PROVIDED HOWEVER, THAT THE SOLE RIGHT AND AUTHORITY TO
ELEASE OR QUITCLAIM ALL OR ANY SUCH PU	BLIC EASEMENTS SHALL REMAIN EXCLUSIVELY VESTED IN ADAMS COUNTY.
WNER: ELMWOOD NORTH, LLC, A COLORADO	LIMITED LIABILITY COMPANY
Y:	
SIGNATURE	PRINT NAME AND TITLE

NOTARY PUBLIC:

STATE OF ______)
SS
COUNTY OF

WITNESS MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC

MY COMMISSION EXPIRES:

OWNER: DELWEST DEVELOPEMENT CORP., A COLORADO CORPORATION

SIGNATURE PRINT NAME AND TITLE

NOTARY PUBLIC:

STATE OF ________) SS
COUNTY OF _______)

WITNESS MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC

MY COMMISSION EXPIRES:



NOTES AND RESTRICTIONS:

- THIS PLAT WAS BASED ON TITLE COMMITMENT NUMBER RND70782714 PREPARED BY LAND TITLE GUARANTEE COMPANY AS AGENT FOR OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY WITH AN EFFECTIVE DATE OF JULY 27, 2022 AT 5:00 P.M., AND DOES NOT CONSTITUTE A TITLE SEARCH BY THIS SURVEYOR FOR OTHER EASEMENTS AND/OR EXCEPTIONS OF RECORD.
- 2. BEARINGS ARE BASED ON THE NORTH LINE OF THE NE 1/4 OF SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN HAVING AN ASSUMED BEARING OF N89°30'59"E AND BOUNDED BY A FOUND REBAR WITH ILLEGIBLE 3.25" ALUMINUM CAP 1.25' BELOW GRADE IN RANGE BOX WITH NO LID BEING THE NORTH 1/4 CORNER OF SAID SECTION 33 AND A FOUND REBAR WITH 3.25" ALUMINUM CAP STAMPED "ERNEST KNIGHT LS 7276 1998 ADAMS COUNTY" 0.3' IN RANGE BOX WITH NO LID AT THE NORTHEAST CORNER OF SAID SECTION 33.
- 3. BY GRAPHIC PLOTTING ONLY THE SUBJECT PROPERTY IS SITUATED IN FLOOD ZONE "X" ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO. 08001C0584H WITH AN EFFECTIVE DATE OF MARCH 5, 2007. NO OFFICE CALCULATIONS OR FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS INFORMATION.
- 4. ALL LINEAL DISTANCES ON THIS SURVEY ARE EXPRESSED IN U.S. SURVEY FEET AND DECIMALS THEREOF. A U.S. SURVEY FOOT IS DEFINED AS EXACTLY 1200/3937 METERS.
- 5. RIGHT-OF-WAY FOR INGRESS AND EGRESS FOR EMERGENCY VEHICLES IS GRANTED OVER, ACROSS, ON AND THROUGH ANY AND ALL PRIVATE ROADS, DRIVES AND ALLEYS.
- 6. ALL PRIVATE ROADS, ALLEYS AND DRIVES ARE HEREBY DESIGNATED AS FIRE LANES. WHEN REQUIRED, ALL FIRE LANES SHALL BE POSTED "NO PARKING-FIRE LANE". ALL FIRE LANES SHALL BE INCLUDED INTO THE ADAMS COUNTY PROGRAM FOR ENFORCEMENT OF PRIVATE PROPERTY PARKING.
- 7. ALL INTERNAL ROADS AND DRAINAGE FACILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FINAL PUD, STREET CONSTRUCTION PLANS, PAVEMENT DESIGN, GRADING & EROSION CONTROL PLAN, AND A FINAL DRAINAGE PLAN SUBMITTED TO AND APPROVED BY ADAMS COUNTY. PRIOR TO ISSUANCE OF BUILDING PERMITS FOR HOMES WITHIN THE SUBDIVISION, ALL COUNTY IMPROVEMENTS REQUIRED IN ACCORDANCE WITH APPROVED PLANS BY ADAMS COUNTY, SHALL HAVE RECEIVED PRELIMINARY ACCEPTANCE OF CONSTRUCTION BY THE DEPARTMENT OF PUBLIC WORKS.
- 3. THE POLICY OF THE COUNTY REQUIRES THAT MAINTENANCE ACCESS SHALL BE PROVIDED TO ALL STORM DRAINAGE FACILITIES TO ASSURE CONTINUOUS OPERATIONAL CAPABILITY OF THE SYSTEM. THE PROPERTY OWNERS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL DRAINAGE FACILITIES INCLUDING INLETS, PIPES, CULVERTS, CHANNELS, DITCHES, HYDRAULIC STRUCTURES, AND DETENTION BASINS LOCATED ON THEIR LAND UNLESS MODIFIED BY THE SUBDIVISION DEVELOPMENT AGREEMENT. SHOULD THE OWNER FAIL TO MAINTAIN SAID FACILITIES, THE COUNTY SHALL HAVE THE RIGHT TO ENTER SAID LAND FOR THE SOLE PURPOSE OF OPERATIONS AND MAINTENANCE. ALL SUCH MAINTENANCE COST WILL BE ASSESSED TO THE
- 9. ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.
- 10. ANY PERSON WHO KNOWINGLY REMOVES, ALTERS, OR DEFACES ANY PUBLIC LAND SURVEY MONUMENT, LAND BOUNDARY MONUMENT, OR ACCESSORY COMMITS A CLASS TWO (2) MISDEMEANOR, PURSUANT TO STATE STATUTE 18-4-508 OF THE COLORADO REVISED STATUTES.
- 11. 20-FOOT UTILITY EASEMENT AS DEPICTED BUT NOT RECORDED IN A QUIT CLAIM DEED RECORDED IN BOOK 3251 AT PAGE 924 IN THE OFFICE OF THE ADAMS COUNTY CLERK AND RECORDER. SAID QUIT CLAIM DEED ONLY TRANSFERS PROPERTY DESCRIBED AS PARCEL "D" TO THE EASTERLY PROPERTY OWNER. THIS EASEMENT IS ALSO DEPICTED ON THE RECORDED PLATS OF KALCEVIC SUBDIVISION AMENDED (REC. NO. B1041161); SHERRELWOOD VILLAGE (REC. NO. 2018000075940); AND SHERRELWOOD VILLAGE FILING NO. 1 PLAT CORRECTION NO. 1 (REC. NO. 2022000050487) BUT THESE PLATS DID NOT DEDICATE SAID EASEMENT. THE FOREMENTIONED SHERRELWOOD PLATS LISTS THAT THIS EASEMENT WAS RECORDED IN BOOK 3251 AT PAGE 927 BUT SAID DOCUMENT IS A PORTION OF THE FOREMENTIONED QUIT CLAIM DEED WHICH DID NOT FORMALLY DEDICATE SAID EASEMENT.

SURVEYOR'S CERTIFICATE:

I, CHARLES N. BECKSTROM, A REGISTERED SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THIS PLAT WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION ON THE 9TH DAY OF JANUARY, 2024, AND THAT THE ACCOMPANYING MAP ACCURATELY AND PROPERLY SHOWS SAID SUBDIVISION.

I FURTHER CERTIFY THAT I, CHARLES N. BECKSTROM, A LICENSED LAND SURVEYOR IN THE STATE OF COLORADO, CERTIFY FOR AND ON BEHALF OF ENGINEERING SERVICE COMPANY THAT THE SURVEY SHOWN HEREON WAS PERFORMED BY ME OR UNDER MY RESPONSIBLE CHARGE, THAT IT IS BASED UPON MY KNOWLEDGE, INFORMATION AND BELIEF, THAT IT HAS BEEN PREPARED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF PRACTICE, THAT IT IS NOT A GUARANTY OR WARRANTY, EITHER EXPRESSED OR IMPLIED AND IS, TO THE BEST OF MY KNOWLEDGE, ACCURATE AND COMPLETE.

CHARLES N. BECKSTROM PROFESSIONAL L.S. NO. 33202 FOR AND ON BEHALF OF ENGINEERING SERVICE COMPANY

BOARD OF COUNTY COMMISSIONERS APPROVAL:

APPROVED BY THE ADAMS COUNTY BOARD OF COUNTY COMMISSIONERS
THIS DAY OF A D. 20

CHAIRMAN

	SI	NGINEERII ERVICE OMPANY	NG		olorado 80014	Revision Dates:
	CIVII	ative Solutions Since LENGINEERS LAND SURV neeringserviceco.com		F 303.337. T/F 1.877.	7481	
Survey No.: 24-006-P		Project No.: 814.039	Date:	:/7/2024	Field Book No.: 951	Sheet No.: 1 OF 2

PRELIMINARY PLAT **ELMWOOD NORTH FILING NO. 1** A RESUBDIVISION OF LOT 1, BLOCK 4, SHERRELWOOD VILLAGE FLING NO. 1 - PLAT CORRECTION NO. 1 TOGETHER WITH A PORTION OF THE SE 1/4 OF SECTION 28 AND THE NE 1/4 OF SECTION 33, ALL WITHIN T.2S., R.68W. OF THE 6TH P.M. COUNTY OF ADAMS, STATE OF COLORADO SHEET 2 OF 2 SHERRELWOOD BLOCK 2 BLOCK 48 DRIVE SHERRELWOOD ESTATES-FILING NO. 2 PERL-MACK MANOR, EIGHTH FILING SHERRELWOOD ESTATES-FILING NO. 2 PECOS PLAZA SUBDIVISION T2S R68W (PLAT - FILE 10~MAP 302) (PLAT - FILE 10~MAP 241) (PLAT - FILE 10~MAP 302) (60' PUBLIC R.O.W.) (PLAT - FILE 13~MAP 108) C ¼ ● S28 1997 POINT OF COMMENCEMENT CENTER 1/4 CORNER OF SECTION 33, T.2S., R.68W. OF THE CENTER 1/4 CORNER OF SECTION 28, T.2S. 6TH P.M. (UNABLE TO LOCATE DUE TO TRAFFIC CONCERNS. NORTH 1/4 CORNER OF SECTION 33, T.2S. R.68W. OF THE 6TH P.M. (FOUND 2-1/2" LOCATION BASED ON ACCESSORY MONUMENTS PER R.68W. OF THE 6TH P.M. (3-1/4" ALUMINUM ALUMINUM CAP ON A #6 REBAR, 0.4' BELOW MONUMENT RECORDED PREPARED BY JOSEPH T. CAP ON A REBAR WITH ILLEGIBLE MARKINGS, N00°14'36"W 2644.97' N00°02'36"E 2639.20' GRADE IN A RANGE BOX, STAMPED AS SHOWN.) GUNDERSON, PLS 30826 DATED FEBRUARY 26, 2005.) 1.3' BELOW GRADE IN A RANGE BOX.) WEST LINE OF SOUTHEAST 1/4 OF SECTION 28, T.2S., R.68W. OF THE 6TH P.M. WEST LINE OF NORTHEAST 1/4 OF SECTION 33, T.2S., R.68W. OF THE 6TH P.M. PECOS STREET -4,160 SQUARE FEET, 0.09549 ACRES DEDICATED TO THE COUNTY OF ADAMS S89°30'59"W N89°30'59"E (PUBLIC R.O.W. VARIES) AS PUBLIC RIGHT-OF-WAY 20.00' N00°02'36"E 208.00' 20.00' N00°02'36"E FOUND NAIL & 3/4" BRASS TAG (R.O.W. - BK.3270~PG.279) N89°30'59"E S82°40'31"E WITH ILLEGIBLE MARKINGS 50.00' N00°14'36"W 293.00' (292.74' R1) 30.01 N00°02'36"E 208.00' 8.26' FOUND NAIL WITH 3/4" BRASS TAG SET IN CONCRETE, 128.94' (8.04' R2) FOUND NAIL & 3/4" BRASS STAMPED "PLS 11434" N89°57'13"W POINT OF BEGINNING FOUND NAIL & 3/4" BRASS TAG, TAG, STAMPED "PLS 38151" FOUND 2" ALUMINUM CAP ON A FOUND 3-1/4" ALUMINUM CAP SET ~ STAMPED "PLS 38151" AT 7' OFFSET 90.03' REBAR WITH ILLEGIBLE MARKINGS N00°02'36"E IN CONCRETE, STAMPED "COLO (90.00' R3) DEPT OF TRANSPORTATION, REF 1. 20.00' BLOCK 2 -20' WATER EASEMENT SHERRELWOOD VILLAGE FILING (REC. NO. 2018000070760) HEREBY VACATED BY THIS PLAT NOI. 1 - PLAT CORRECTION NO. 1 (PLAT - REC. NO. 2022000050487) 26' EMERGENCY ACCESS EASEMENT 8' UTILITY EASEMENT N00°00'15"E (REC. NO. 2018000075940) HEREBY VACATED BY THIS PLAT 31.00' HEREBY VACATED BY THIS PLAT たスー10' UTILITY EASEMENT | Δ=30°17'17" N00°02'22"E LOT 1, BLOCK 1 R=60.00' 139,226 SQUARE FEET L=31.72' Δ=90°00'13" 3.19619 ACRES Chd=S15°08'11"E R=37.50' 31.35' L=58.91' Chd=S44°59'39"E 53.03' S76°46'27"E S00°00'27"W 290.54' 178.46' 194.09' -36' PUBLIC ACCESS & (178.58' R2) UTILITY EASEMENT S02°08'38"E (R) 10' UTILITY EASEMENT S89°59'33"E S30°16'49"E **LEGEND** Δ=90°00'00" R=63.00' PLAT BOUNDARY LINE _=98.96' ADJACENT LOT/PARCEL LINES SECTION LINE 20' UTILITY EASEMENT **NEW LOT LINE** (RE: NOTES AND **RESTRICTIONS NO. 1** NEW R.O.W. LINE **EXISTING EASEMENT LINE** 5' UTILITY EASEMENT — (REC. NO. 2018000075940) EXISTING EASEMENT CENTERLINE REE. HEREBY VACATED BY THIS PLAT NEW EASEMENT LINE S ST R.O.W. NEW EASEMENT & R.O.W. CENTERLINE RIGHT-OF-WAY R.O.W. PARCEL "D" -ECO: (BK.3251~PG.924) BK. PG. **BOOK AND PAGE** RECEPTION NUMBER ALIQUOT CORNER LOT 2 LOT 2 NALCEVIC SUBDIVISION AMEN (PLAT - REC. NO. B1041161) 8' UTILITY EASEMENT HEREBY VACATED BY THIS PLAT IN A RANGE BOX, STAMPED "RANGE POINT PLS 38151" 10' UTILITY & DRAINAGE EASEMENT-(REC. NO. 2018000075940) SET 5/8"x24" REBAR & 1-1/4" YELLOW HEREBY VACATED BY THIS PLAT 6' UTILITY EASEMENT PLASTIC CAP STAMPED "ESC LS 33202" (REC. NO. 2018000075940) Δ=90°00'00" HEREBY VACATED BY THIS PLAT FOUND 1-1/4" YELLOW PLASTIC CAP R=63.00' ON A REBAR, STAMPED "PLS 38151" L=98.96' UNLESS NOTED OTHERWISE -N89°30'59"E 2649.51' (BASIS OF BEARINGS) NORTH LINE OF NORTHEAST 1/4 OF SECTION 33, FOUND 2" ALUMINUM CAP ON A T.2S., R.68W. OF THE 6TH P.M. REBAR, STAMPED "CITY OF THORNTON, PLS 20155" FOUND 1" BROKEN YELLOW PLASTIC CAP ON A REBAR, STAMPED "M SCHEAR IS 18475" 28 | 27 33 32 NORTHEAST CORNER OF SECTION 33, T.2S., R.68W. OF THE 6TH P.M. (3-1/4" ALUMINUM S12°19'50"W RECORD REFERENCE CAP ON A REBAR, 0.3' BELOW GRADE IN A 1989 RANGE BOX, STAMPED AS SHOWN.) PER THE DEED FOR PECOS STREET R.O.W. (BK.3270~PG.279) IF DIFFERENT FROM AS-MEASURED Scale: 1" = 40' PER A QUITCLAIM DEED (REC. NO. (XX.XX' R2) 2021000058939) IF DIFFERENT FROM AS-MEASURED (XX.XX' R3) PER THE PLAT OF SHERRELWOOD VILLAGE **CURVE DATA TABLE** FILING NO. I - PLAT CORRECTION NO.I AT **ENGINEERING** 14190 East Evans Avenue (REC. NO. 2022000050487) IF DIFFERENT SERVICE Aurora, Colorado 80014 FROM AS-MEASURED COURSE | DELTA | RADIUS | LENGTH | Chd BEARING | Chd LENGTH **COMPANY** ALL DIMENSIONS SHOWN WITH NO **P** 303.337.1393 Creative Solutions Since 1954 F 303.337.7481 38.00' N85°25'28"W PARENTHESIS ARE AS-MEASURED DIMENSION **T/F** 1.877.273.0659 90°00'00" | 38.00' | 59.69' S45°02'22"W าniversarv

2 OF 2

LEGAL DESCRIPTION: ELMWOOD NORTH FILING NO. 1 PLAT BOUNDARY

A PARCEL OF LAND BEING LOT 1, BLOCK 4, SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2022000050487, TOGETHER WITH THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000073502 AND THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000075343, ALL IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN THE SOUTHEAST QUARTER OF SECTION 28 AND THE NORTHEAST QUARTER OF SECTION 33, BOTH IN TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF ADAMS, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THE BEARINGS FOR THIS DESCRIPTION ARE BASED ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH P.M., BEING ASSUMED TO BEAR N 89°30'30" E, FROM THE NORTH QUARTER CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH DIAMETER ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH DIAMETER ALUMINUM CAP. STAMPED "PLS 7276", WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 33, THENCE N 89°30'30" E, ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 50.00 FEET TO A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY THAT RESOLUTION RECORDED IN BOOK 3270 AT PAGE 279, SAID ADAMS COUNTY RECORDS AND THE POINT OF BEGINNING;

THENCE N 00°14'47" W, ALONG THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY, AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28, A DISTANCE OF 293.01 FEET TO A POINT ON THE NORTH LINE OF SAID PARCEL OF LAND DESCRIBED IN BOOK 3254 AT PAGE 139; THENCE S 82°41'00" E, ALONG SAID NORTH LINE, A DISTANCE OF 8.12 FEET TO THE WEST CORNER OF PARCEL D, AS DESCRIBED IN THAT QUIT CLAIM DEED RECORDED IN BOOK 3251 AT PAGE 924;

THENCE ALONG THE SOUTH AND WEST LINES OF SAID PARCEL D, THE FOLLOWING TWO (2)

- 1. S 76°46'56" E, A DISTANCE OF 178.56 FEET;
- 2. S 21°38'59" E, ALONG THE EAST LINES OF SAID PARCEL DESCRIBED IN BOOK 3254 AT PAGE 139 AND SAID SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1, A DISTANCE OF 459.50 FEET TO THE EAST CORNER OF LOT 1, BLOCK 4, SAID SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1;
- 3. THENCE ALONG THE EAST, SOUTH AND WEST LINES OF SAID LOT 1, BLOCK 4, THE FOLLOWING
- ELEVEN (11) COURSES:
- 5. S 12°19'21" W, A DISTANCE OF 57.53 FEET TO A POINT ON THE NORTH LINE OF WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SHERRELWOOD VILLAGE PLAT, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 AND A POINT OF NON-TANGENT CURVATURE;
- 6. ALONG THE ARC OF A NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 09°04'20" AND AN ARC LENGTH OF 6.02 FEET, THE CHORD OF WHICH BEARS N85°25'57" W, A DISTANCE OF 6.02 FEET;
- N 89°58'07" W, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE; 8. ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 90°00'00" AND AN ARC
- LENGTH OF 59.69 FEET; 9. N 00°01'53" E, A DISTANCE OF 11.47 FEET;
- 10. N 89°58'07" W. A DISTANCE OF 90.00 FEET TO A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS
- DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT; 11. N 00°01'53" E, ALONG SAID EAST LINE, A DISTANCE OF 30.01 FEET TO A POINT ON THE SOUTH LINE OF THAT PARCEL OF LAND DESCRIBED IN SAID RECEPTION NO. 2019000073502;
- 12. S 89°30'30" W, ALONG A LINE BEING PARALLEL WITH THE NORTH LINE OF THE NORTHEAST
- 13. QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BDING 30.00 FEET EAST OF THE WEST LINE OF THE
- NORTHEAST QUARTER OF SAID SECTION 33; 14. N 00°01'53" E, ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE NORTHEAST QUARTER OF
- SAID SECTION 33, A DISTANCE OF 208.00 FEET TO A POINT BEING 20.00 FEET SOUTH OF THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- 15. N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BEING 50.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, ALSO BEING A POINT ON THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT;
- 16. THENCE N 00°01'53" E, ALONG SAID EAST LINE AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO THE POINT OF BEGINNING.

THE ABOVE LEGAL DESCRIPTION DESCRIBES ALL OF THAT LAND CONTAINED IN QUIT CLAIM DEED RECORDED ON MAY 13, 2021 AT RECEPTION NUMBER 2021000058939 AND IN QUIT CLAIM DEED RECORDED JANUARY 28, 2022 AT RECEPTION NUMBER 2022000008812 AND ALL OF LOT 1, BLOCK 4, SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1, A PLAT RECORDED JUNE 7, 2022 AT RECEPTION NUMBER 2022000050487, ALL IN ADAMS COUNTY, COLORADO.

ASSURANCE NOTE: THE ABOVE LEGAL DESCRIPTION DESCRIBES ALL THAT LAND INSURED IN SCHEDULE A(5) OF TITLE COMMITMENT NUMBER RND70782714 PREPARED BY LAND TITLE GUARANTEE COMPANY AS AGENT FOR OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY WITH AN EFFECTIVE DATE OF JULY 27, 2022.

THIS SITE IS CURRENTLY ZONED: PUD-ELMWOOD NORTH (PLANNED UNIT DEVELOPMENT)

BY GRAPHIC PLOTTING ONLY THE SUBJECT PROPERTY IS SITUATED IN FLOOD ZONE "X" ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO. 08001C0584H WITH AN EFFECTIVE DATE OF MARCH 5, 2007. NO OFFICE CALCULATIONS OR FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS INFORMATION.

BASIS OF BEARINGS:

BEARINGS ARE BASED ON THE NORTH LINE OF THE NE 1/4 OF SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN HAVING AN ASSUMED BEARING OF N89°30'59"E AND BOUNDED BY A FOUND REBAR WITH ILLEGIBLE 3.25" ALUMINUM CAP 1.25' BELOW GRADE IN RANGE BOX WITH NO LID BEING THE NORTH 1/4 CORNER OF SAID SECTION 33 AND A FOUND REBAR WITH 3.25" ALUMINUM CAP STAMPED "ERNEST KNIGHT LS 7276 1998 ADAMS COUNTY" 0.3' IN RANGE BOX WITH NO LID AT THE NORTHEAST CORNER OF SAID SECTION 33.

BENCHMARK:

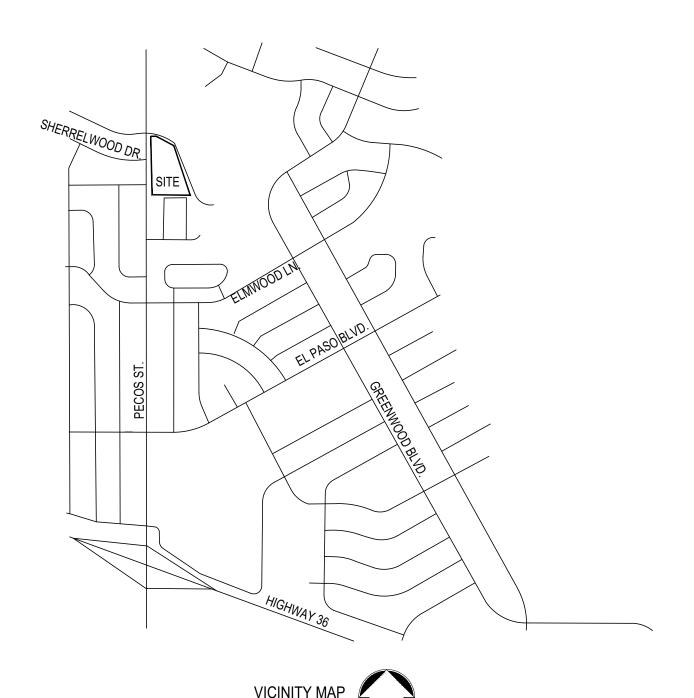
BENCHMARK: THE STATION IS A 3.25-INCH COLORADO DEPARTMENT OF TRANSPORTATION DISK STAMPED "COLORADO DEPT OF TRANSPORTATION PLS 29039 POINT 547 ROW" MONUMENT -- SET INTO THE GROUND IN A COBBLE-FILLED LANDSCAPED AREA, 99 FT NORTH FROM THE SIGNAL MAST IN THE RIGHT-TURN ISLAND OF THE WEST-BOUND OFF-RAMP FROM US 36, 66 FT EAST FROM THE CENTERLINE OF PECOS STREET, 7 FT EAST FROM THE EAST EDGE OF THE CONCRETE WALK, 0.5 FT WEST FROM A GREEN CARSONITE WITNESS POST ELEVATION: 5286.39 FEET (NAVD 1988 DATUM).

PURPOSE STATEMENT:

THIS PLAT AMENDMENT IS TO REPLAT THE EXISTING LOTS INTO A SINGLE LOT FOR A MULTI-FAMILY DEVELOPMENT.

CONCEPTUAL SITE PLAN

LOT 1, BLOCK 4, SHERRLEWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO.1 LOCATED IN THE NE $\frac{1}{4}$ OF SECTION 33 & THE SE $\frac{1}{4}$ OF SECTION 28, TOWNSHIP 2S, RANGE 68 W, OF THE 6TH PM, COUNTY OF ADAMS, STATE OF COLORADO SITE CONTAINS 3.29 ACRES 8000 NORTH PECOS STREET



LIST OF DRAWINGS

1 OF 12	TITLE SHEET
2 OF 12	EXISTING CONDITIONS NORTH
3 OF 12	EXISTING CONDITIONS SOUTH
4 OF 12	CONCEPTUAL SITE PLAN NORTH
5 OF 12	CONCEPTUAL SITE PLAN SOUTH
6 OF 12	PRELIMINARY GRADING PLAN NORTH
7 OF 12	PRELIMINARY GRADING PLAN SOUTH
8 OF 12	DETENTION POND MODIFICATION
9 OF 12	PRELIMINARY UTILITY PLAN NORTH
10 OF 12	PRELIMINARY UTILITY PLAN SOUTH
11 OF 12	LANDSCAPE PLAN
12 OF 12	LANDSCAPE DETAILS

LEGEND <u>EXISTING</u> **PROPOSED** ------ 5548 ----- EXISTING INTERIM CONTOUR **CURB INLET PROTECTION** — — 5550 — — EXISTING INDEX CONTOUR ----E----- ELECTRICAL LINE ----- FIBER OPTIC ----- GAS LINE -----SS----- SANITARY SEWER LINE VEHICLE TRACKING CONTROL PAD -----STS----- STORM SEWER LINE ----- TFI FPHONF | INF ----- W----- WATER LINE ----- OVERHEAD UTILITY LINE SILT FENCE GUARD RAIL SPOT ELEVATION TOP OF WALL PARKING LOT LIGHT **BOTTOM OF WALL** DECIDUOUS TREE HANDICAP PARKING STALL -DIAMETER OF TRUNK SITE TRIANGLE SPOT GRADE FVFRGRFFN TRFF SPILL CURB -DIAMETER OF TRUNK CATCH CURB SET 5/8"x24" PIN & YELLOW PLASTIC CAP L.S. NO. 33202 WALL UNLESS NOTED OTHERWISE ○ • CLEANOUT ACCESS PLATE *BOLLARD* INDEX CONTOUR CLEANOUT GAS METER ——— INTERIM CONTOUR LIGHT POLE *MANHOLE* — — — — — — ADA ACCESSABLE ROUTE 0 NUMBER OF PARKING STALLS ELECTRICAL POWER POLE NATURAL GAS SIGN SANITARY SEWER CONCRETE STORM SEWER UNDERGROUND TELE ----- WATER LINE

AS RECORDED

BOOK ~ PAGE

RECEPTION NUMBER

(XXXX)

BK. ~PG.

REC. NO.

PROJECT CONTACTS

OWNER/DEVELOPER ELMWOOD NORTH LLC CONTACT: MR. JOE DELZOTTO 155 S. MADISON STREET, STE 326 **DENVER, CO 80209** 303-888-8048

> LANDSCAPE ARCHITECT NATURAL DESIGN SOLUTIONS CONTACT: JASON OLDHAM 5539 COLT DRIVE LONGMONT, CO 80503 303-443-0388

ARCHITECT LAWRENCE ARCHITECTURE, INC. CONTACT: MR. RICK LAWRENCE 6778 GREEN RIVER DR. UNIT D HIGHLANDS RANCH, CO 80130 303-794-8798

SITE ENGINEER
STRATEGIC LAND SOLUTIONS, INC. CONTACT: MR. ROBERT PALMER, P.E. 2595 PONDEROSA ROAD FRANKTOWN, CO 80116 (720) 384-7661

ENGINEERING SERVICE COMPANY CONTACT: MR. CHIP BECKSTROM 14190 EAST EVANS AVENUE DENVER, CO 80014 (303) 1393 | PHONE

REVIEW AGENCY ADAMS COUNTY, CO PLANNING DEPT. CONTACT: Mr. Greg Barnes 4430 S. ADAMS COUNTY PKWY. 1ST FLOOR, SUITE W2000B BRIGHTON, CO 80601-8218

DELWEST 155 SOUTH MADISON ST., SUITE 326 DENVER, CO 80209

<u>VIL ENGINEER:</u>



FRANKTOWN, CO 80116 720.384.7661 Phone Robert J. Palmer, PE

LAWRENCE ARCHITECTURE, INC. RICK LAWRENCE, AIA

RICK@LAWARCH.COM

PREPARED UNDER THE DIREC SUPERVISION OF: BY Robert J. Palmer, PE

Licensed Professional Engineer (CO PE #36320), S PRESIDENT FOR STRATEGIC LAND SOLUTIONS, IN

NO. DATE REVISION DESCRIPTION

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ELMWOOD NORTH TOWNHOMES 8000 N. PECOS STREET ADAMS COUNTY, CO

<u>SITE ADDRESS:</u>

CHECKED BY:

<u>DRAWING TITLE:</u>

AS NOTED 06/18/2024 SIGNED BY: RAWN BY: E NAME:

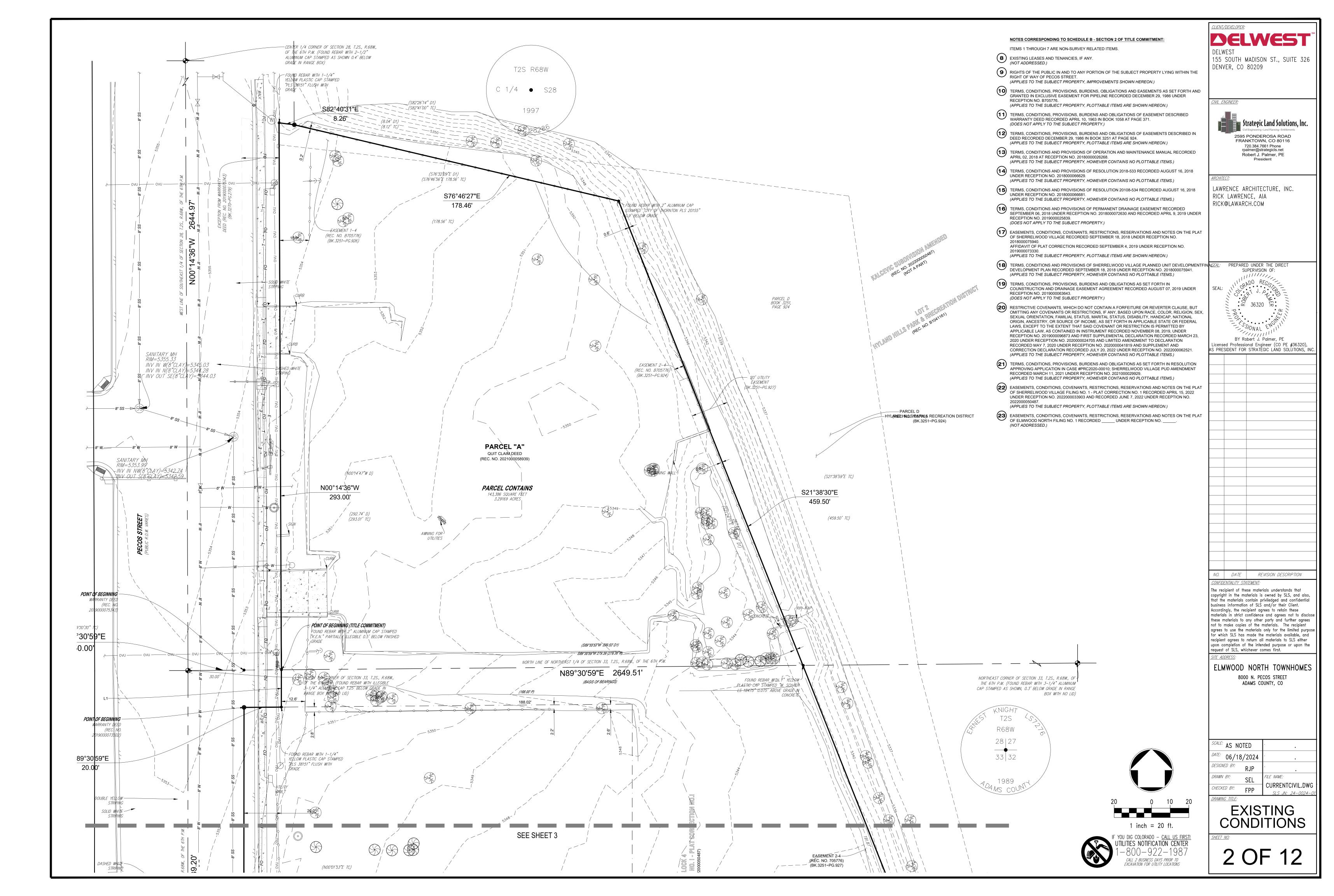
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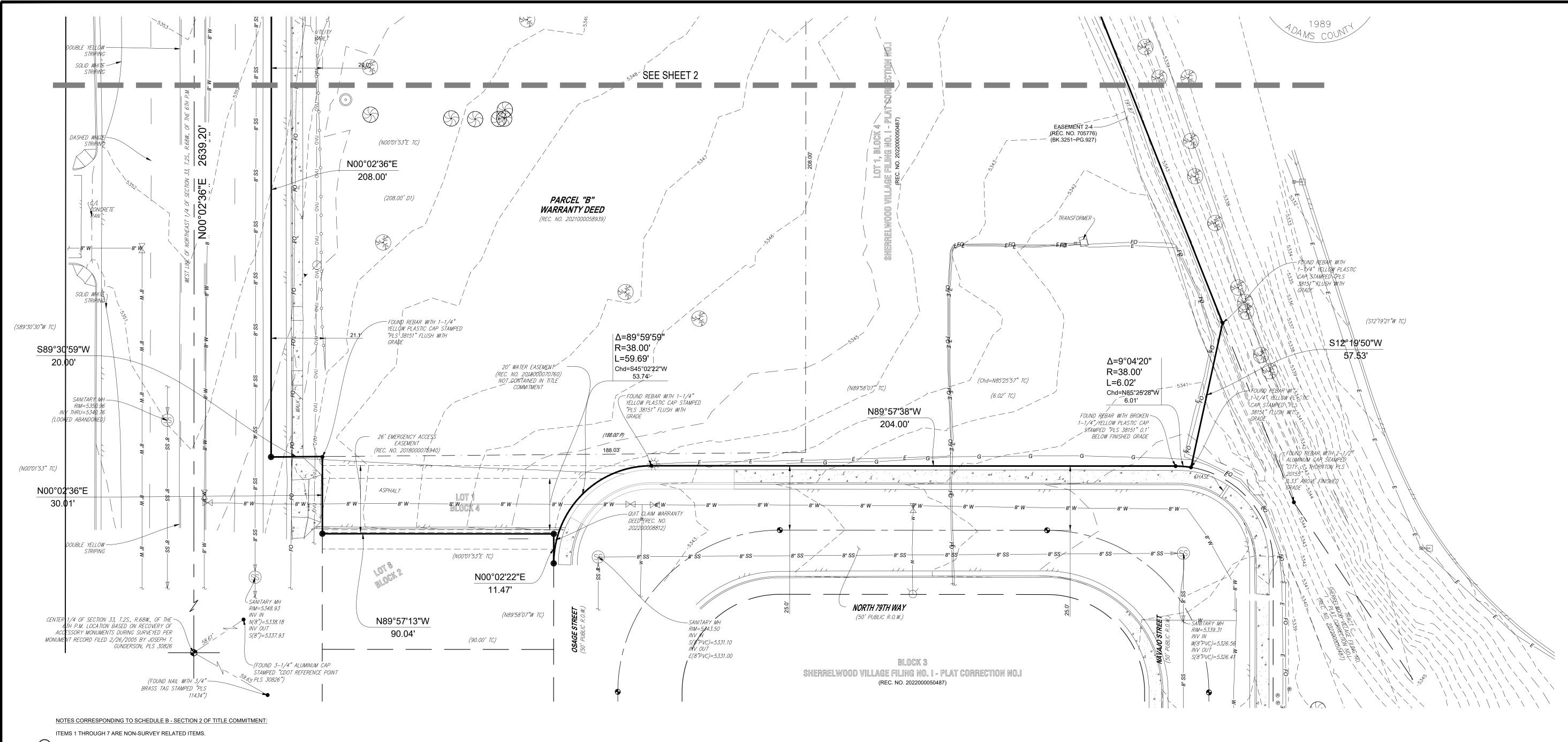
TITLE SHEET

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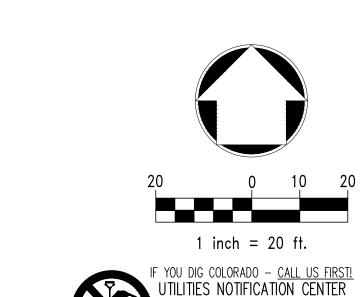




- EXISTING LEASES AND TENANCIES, IF ANY.

 (NOT ADDRESSED.) (NOT ADDRESSED.)
- 9 RIGHTS OF THE PUBLIC IN AND TO ANY PORTION OF THE SUBJECT PROPERTY LYING WITHIN THE RIGHT OF WAY OF PECOS STREET. (APPLIES TO THE SUBJECT PROPERTY, IMPROVEMENTS SHOWN HEREON.)
- TERMS, CONDITIONS, PROVISIONS, BURDENS, OBLIGATIONS AND EASEMENTS AS SET FORTH AND GRANTED IN EXCLUSIVE FASEMENT FOR PIPELINE RECORDED DECEMBER 29, 1986 LINDER GRANTED IN EXCLUSIVE EASEMENT FOR PIPELINE RECORDED DECEMBER 29, 1986 UNDER (APPLIES TO THE SUBJECT PROPERTY, PLOTTABLE ITEMS ARE SHOWN HEREON.)
- TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS OF EASEMENT DESCRIBED WARRANTY DEED RECORDED APRIL 10, 1963 IN BOOK 1058 AT PAGE 371. (DOES NOT APPLY TO THE SUBJECT PROPERTY.)
- TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS OF EASEMENTS DESCRIBED IN DEED RECORDED DECEMBER 29, 1986 IN BOOK 3251 AT PAGE 924. (APPLIES TO THE SUBJECT PROPERTY, PLOTTABLE ITEMS ARE SHOWN HEREON.)
- TERMS, CONDITIONS AND PROVISIONS OF OPERATION AND MAINTENANCE MANUAL RECORDED APRIL 02, 2018 AT RECEPTION NO. 20180000026268. (APPLIES TO THE SUBJECT PROPERTY, HOWEVER CONTAINS NO PLOTTABLE ITEMS.)
- TERMS, CONDITIONS AND PROVISIONS OF RESOLUTION 2018-533 RECORDED AUGUST 16, 2018 UNDER RECEPTION NO. 2018000066629. (APPLIES TO THE SUBJECT PROPERTY, HOWEVER CONTAINS NO PLOTTABLE ITEMS.)
- TERMS, CONDITIONS AND PROVISIONS OF RESOLUTION 20108-534 RECORDED AUGUST 16, 2018 UNDER RECEPTION NO. 2018000066681. (APPLIES TO THE SUBJECT PROPERTY, HOWEVER CONTAINS NO PLOTTABLE ITEMS.)
- TERMS, CONDITIONS AND PROVISIONS OF PERMANENT DRAINAGE EASEMENT RECORDED SEPTEMBER 06, 2018 UNDER RECEPTION NO. 2018000072630 AND RECORDED APRIL 9, 2019 UNDER RECEPTION NO. 2019000025839. (DOES NOT APPLY TO THE SUBJECT PROPERTY.)
- EASEMENTS, CONDITIONS, COVENANTS, RESTRICTIONS, RESERVATIONS AND NOTES ON THE PLAT OF SHERRELWOOD VILLAGE RECORDED SEPTEMBER 18, 2018 UNDER RECEPTION NO. AFFIDAVIT OF PLAT CORRECTION RECORDED SEPTEMBER 4, 2019 UNDER RECEPTION NO. 2019000073330. (APPLIES TO THE SUBJECT PROPERTY, PLOTTABLE ITEMS ARE SHOWN HEREON.)
- TERMS, CONDITIONS AND PROVISIONS OF SHERRELWOOD VILLAGE PLANNED UNIT DEVELOPMENTFINAL DEVELOPMENT PLAN RECORDED SEPTEMBER 18, 2018 UNDER RECEPTION NO. 2018/00/0075941 DEVELOPMENT PLAN RECORDED SEPTEMBER 18, 2018 UNDER RECEPTION NO. 2018000075941. (APPLIES TO THE SUBJECT PROPERTY, HOWEVER CONTAINS NO PLOTTABLE ITEMS.)
- TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS AS SET FORTH IN COUNSTRUCTION AND DRAINAGE EASEMENT AGREEMENT RECORDED AUGUST 07, 2019 UNDER (DOES NOT APPLY TO THE SUBJECT PROPERTY.)

- RESTRICTIVE COVENANTS, WHICH DO NOT CONTAIN A FORFEITURE OR REVERTER CLAUSE, BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, OR SOURCE OF INCOME, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS CONTAINED IN INSTRUMENT RECORDED NOVEMBER 08, 2019, UNDER RECEPTION NO. 2019000096873 AND FIRST SUPPLEMENTAL DECLARATION RECORDED MARCH 23, 2020 UNDER RECEPTION NO. 2020000024705 AND LIMITED AMENDMENT TO DECLARATION RECORDED MAY 7, 2020 UNDER RECEPTION NO. 2020000041819 AND SUPPLEMENT AND CORRECTION DECLARATION RECORDED JULY 20, 2022 UNDER RECEPTION NO. 2022000062521. (APPLIES TO THE SUBJECT PROPERTY, HOWEVER CONTAINS NO PLOTTABLE ITEMS.)
- TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS AS SET FORTH IN RESOLUTION
 APPROVING APPLICATION IN CASE #PRC2020-00010: SHERREL WOOD VII LAGE PLID AMENDMENT APPROVING APPLICATION IN CASE #PRC2020-00010; SHERRELWOOD VILLAGE PUD AMENDMENT RECORDED MARCH 11, 2021 UNDER RECEPTION NO. 2021000029929. (APPLIES TO THE SUBJECT PROPERTY, HOWEVER CONTAINS NO PLOTTABLE ITEMS.)
- EASEMENTS, CONDITIONS, COVENANTS, RESTRICTIONS, RESERVATIONS AND NOTES ON THE PLAT OF SHERRELWOOD VILLAGE FILING NO. 1 - PLAT CORRECTION NO. 1 RECORDED APRIL 15, 2022 UNDER RECEPTION NO. 2022000033903 AND RECORDED JUNE 7, 2022 UNDER RECEPTION NO. (APPLIES TO THE SUBJECT PROPERTY, PLOTTABLE ITEMS ARE SHOWN HEREON.)
- EASEMENTS, CONDITIONS, COVENANTS, RESTRICTIONS, RESERVATIONS AND NOTES ON THE PLAT OF ELMWOOD NORTH FILING NO. 1 RECORDED _____ UNDER RECEPTION NO. _____.



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LAWRENCE ARCHITECTURE, INC. RICK LAWRENCE, AIA RICK@LAWARCH.COM

PREPARED UNDER THE DIRECT SUPERVISION OF: BY Robert J. Palmer, PE Licensed Professional Engineer (CO PE #36320), S PRESIDENT FOR STRATEGIC LAND SOLUTIONS, IN

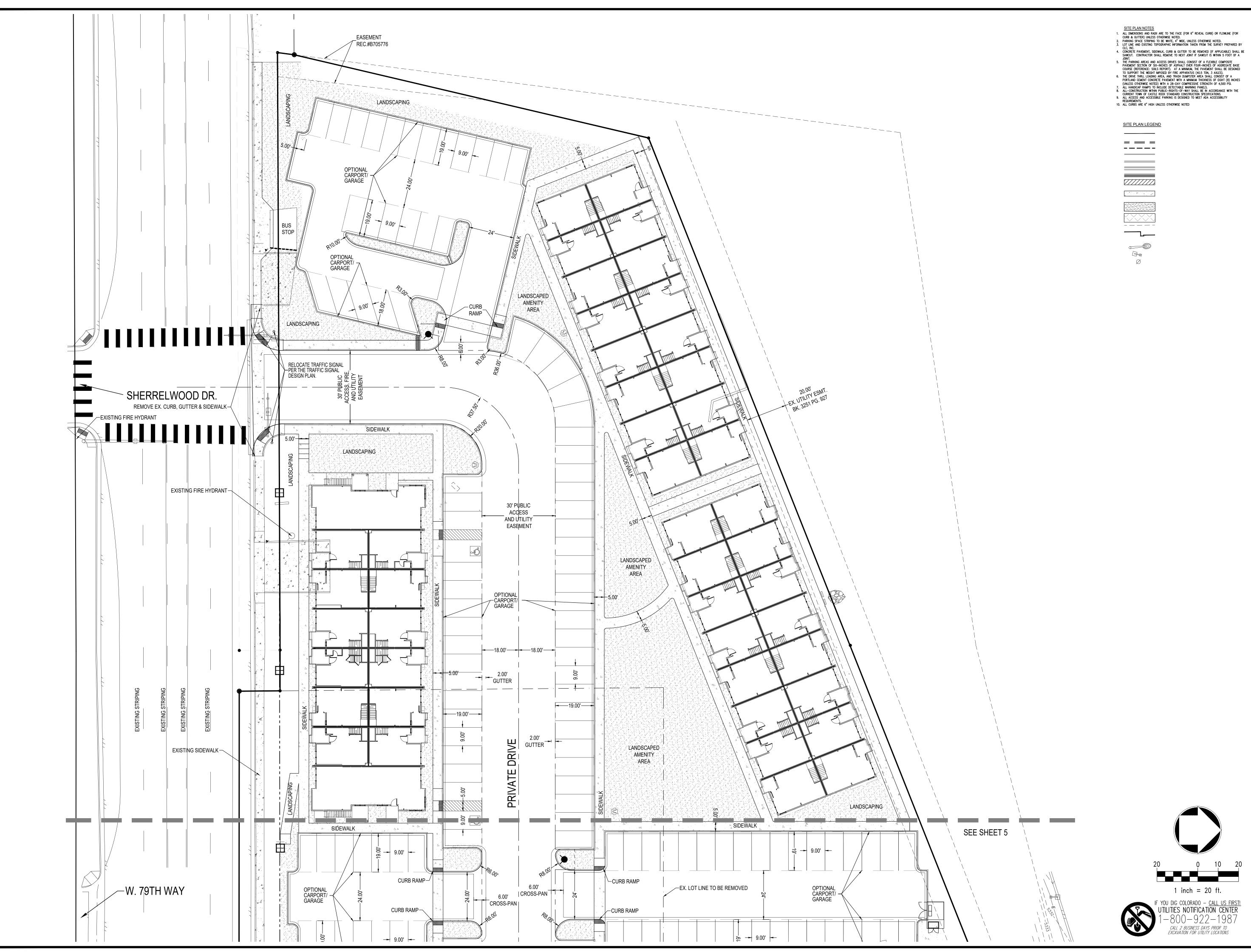
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DATE: 06/18	8/2024	
DESIGNED BY:	RJP	
DRAWN BY:	SEL	FILE NAME:
CHECKED BY:	FPP	CURRENTCIVIL.D' SLS JN: 24-002
DRAWING TITLE:		

EXISTING CONDITIONS



SITE PLAN LEGEND

DENVER, CO 80209

DELWEST

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<u> IVIL ENGINEER:</u>



2595 PONDEROSA ROAD FRANKTOWN, CO 80116 720.384.7661 Phone rpalmer@strategicls.net Robert J. Palmer, PE President

LAWRENCE ARCHITECTURE, INC. RICK LAWRENCE, AIA RICK@LAWARCH.COM

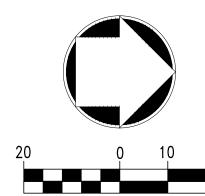
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BY Robert J. Palmer, PE Licensed Professional Engineer (CO PE #36320), AS PRESIDENT FOR STRATEGIC LAND SOLUTIONS, IN

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1 inch = 20 ft.

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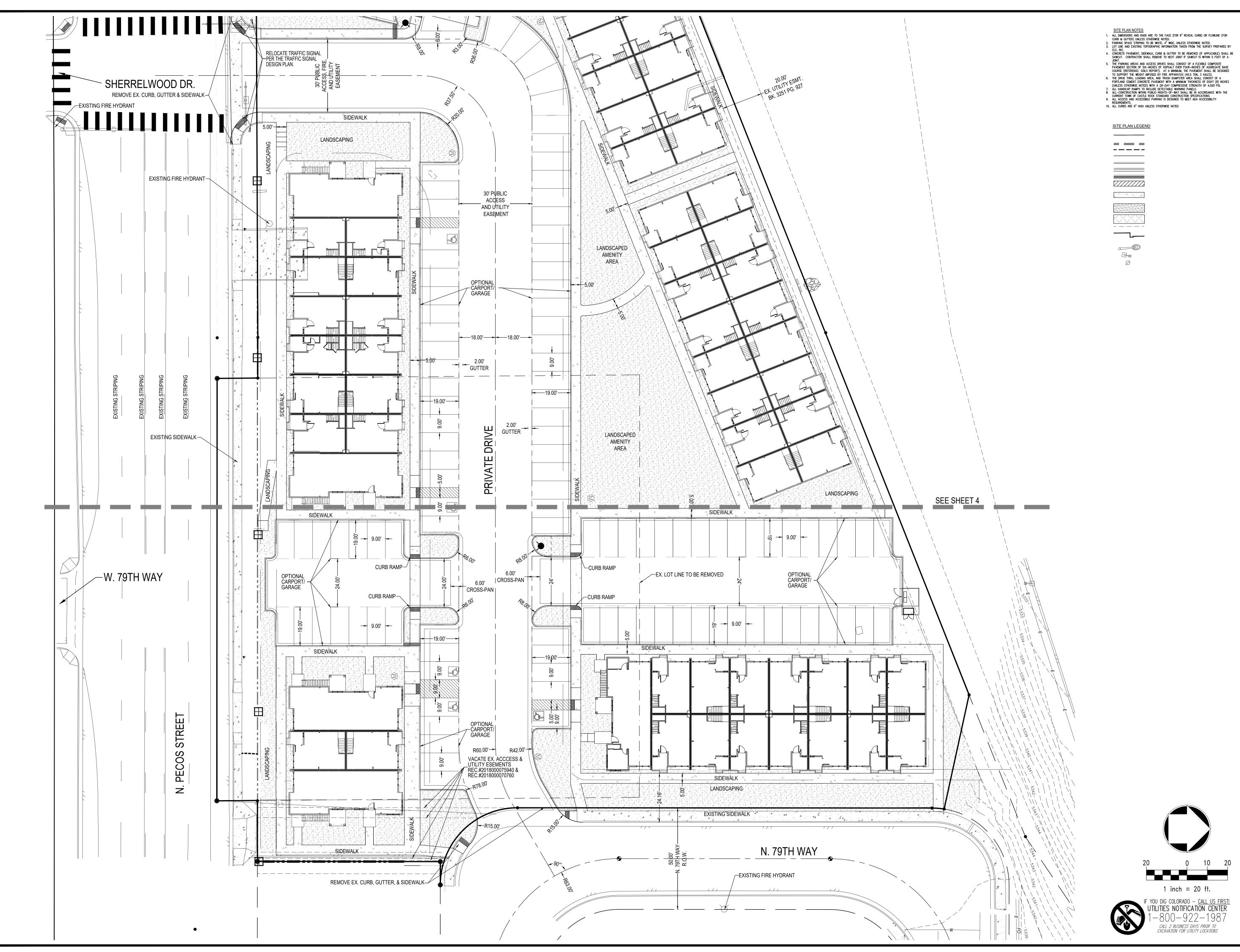
06/18/2024 DESIGNED BY: RJP DRAWN BY: CHECKED BY: FPP

^{LE:} AS NOTED

<u>SITE ADDRESS:</u>

DRAWING TITLE: CONCEPTUAL SITE PLAN

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<u> IVIL ENGINEER:</u>



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LAWRENCE ARCHITECTURE, INC. RICK LAWRENCE, AIA RICK@LAWARCH.COM

PREPARED UNDER THE DIRECT SUPERVISION OF: BY Robert J. Palmer, PE Licensed Professional Engineer (CO PE #36320), AS PRESIDENT FOR STRATEGIC LAND SOLUTIONS, IN

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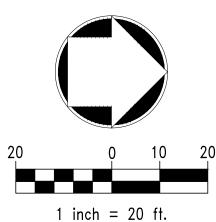
DESIGNED BY: RJP

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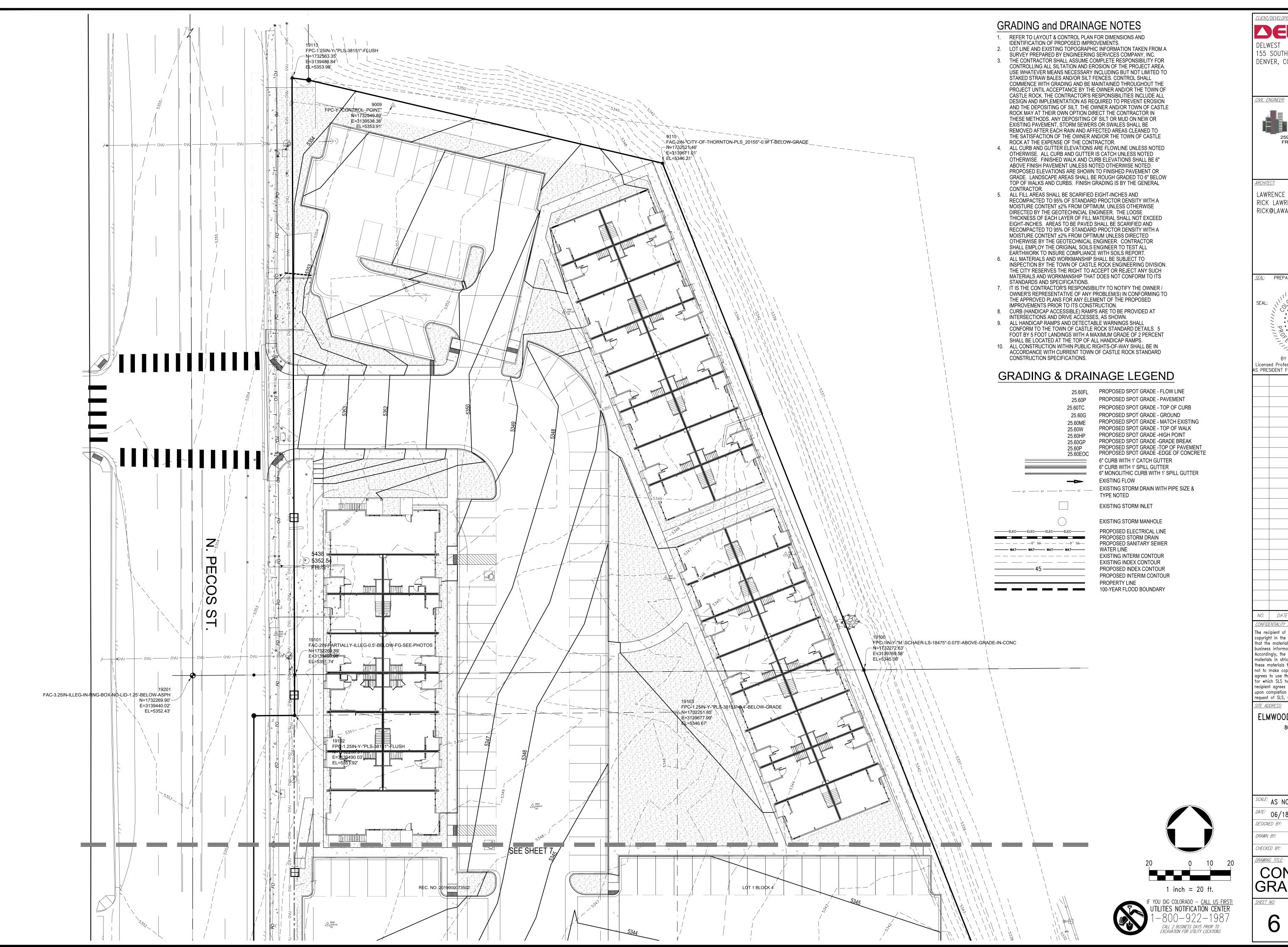
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LAWRENCE ARCHITECTURE, INC. RICK LAWRENCE, AIA RICK@LAWARCH.COM

PREPARED UNDER THE DIRECT SUPERVISION OF:

BY Robert J. Palmer, PE Licensed Professional Engineer (CO PE #36320), S PRESIDENT FOR STRATEGIC LAND SOLUTIONS, IN

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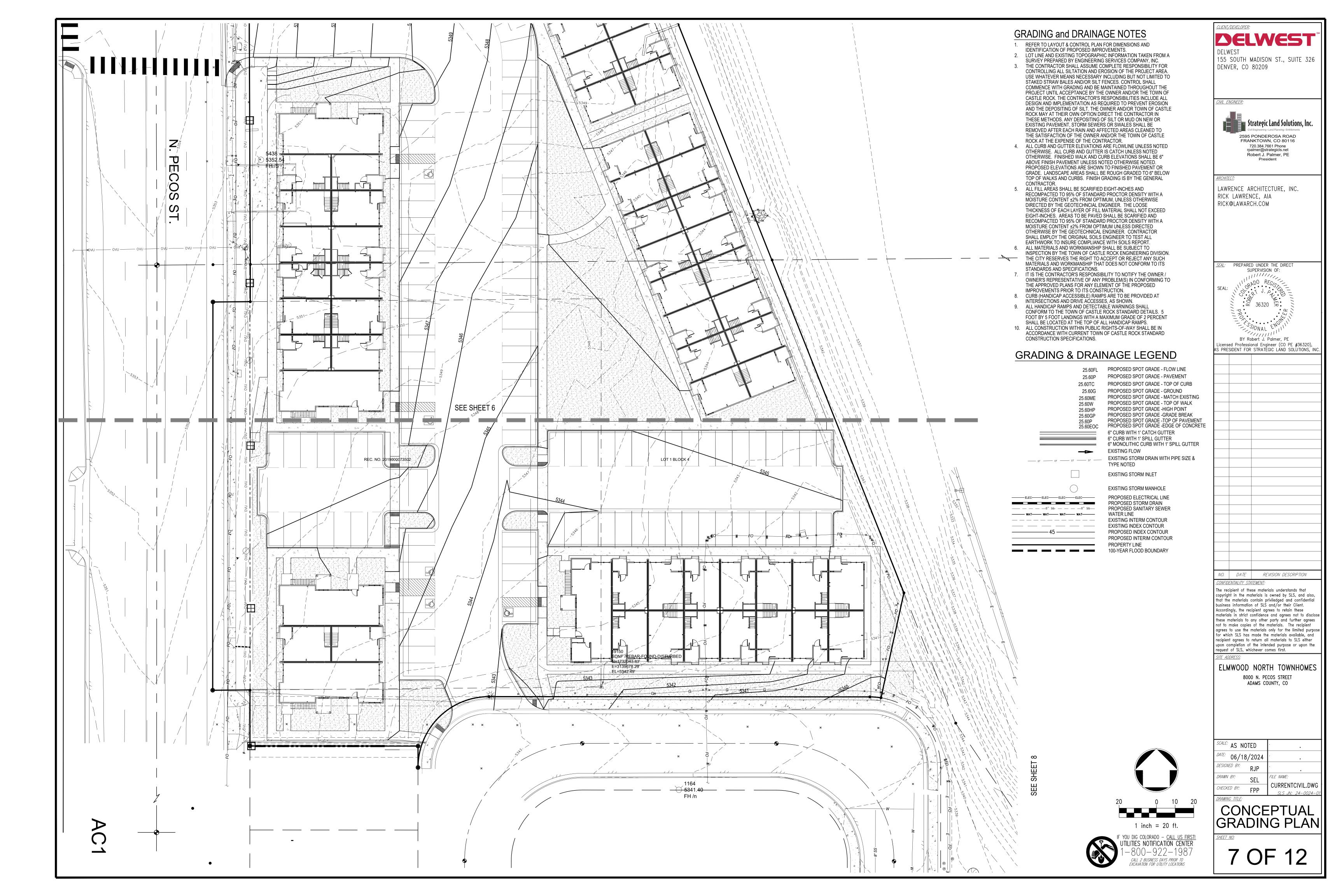
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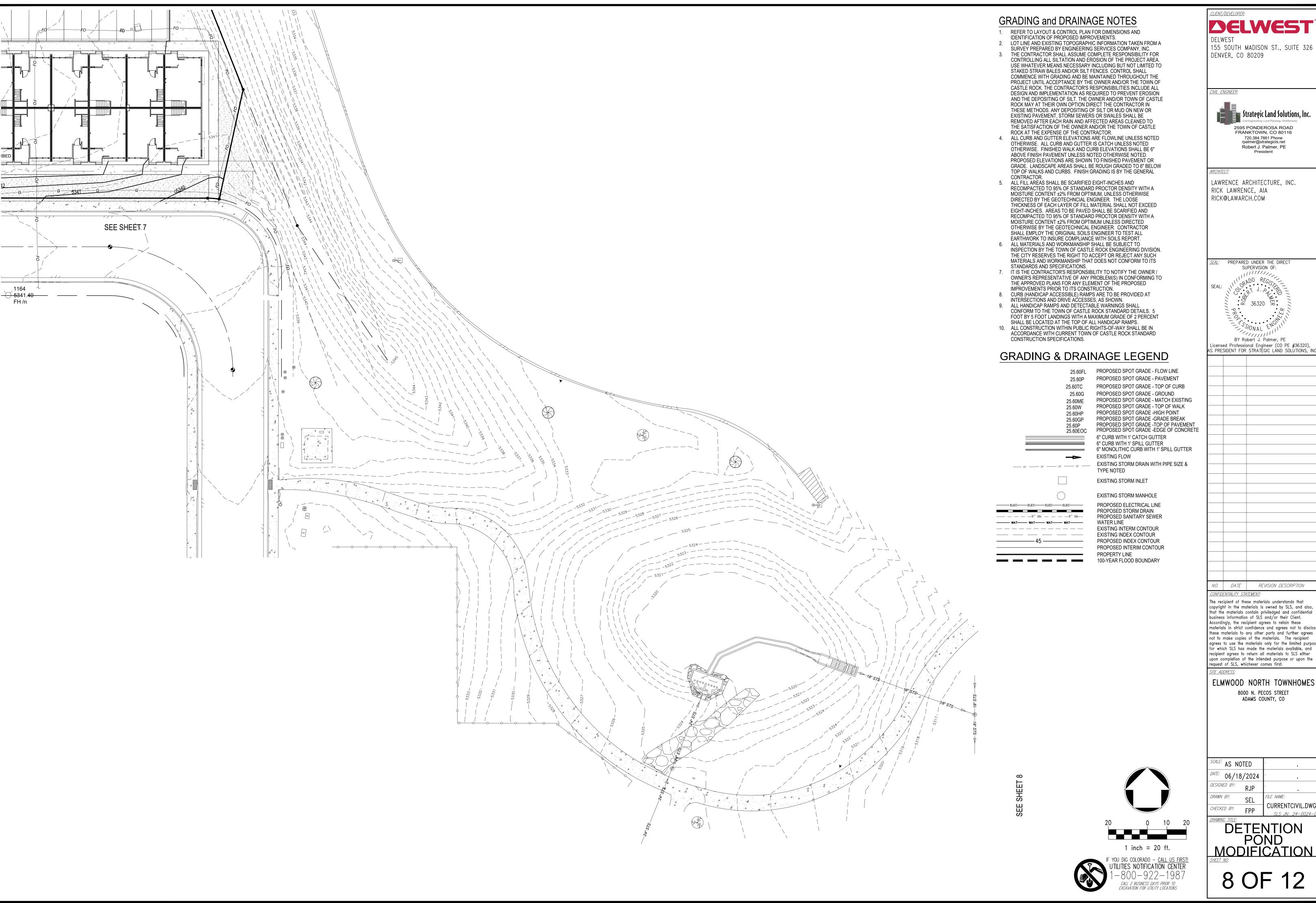
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AS NOTED 06/18/2024 DESIGNED BY: RJP DRAWN BY:

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CONCEPTUAL **GRADING PLAN**





DELWEST

155 SOUTH MADISON ST., SUITE 326



FRANKTOWN, CO 80116 720.384.7661 Phone Robert J. Palmer, PE

LAWRENCE ARCHITECTURE, INC.

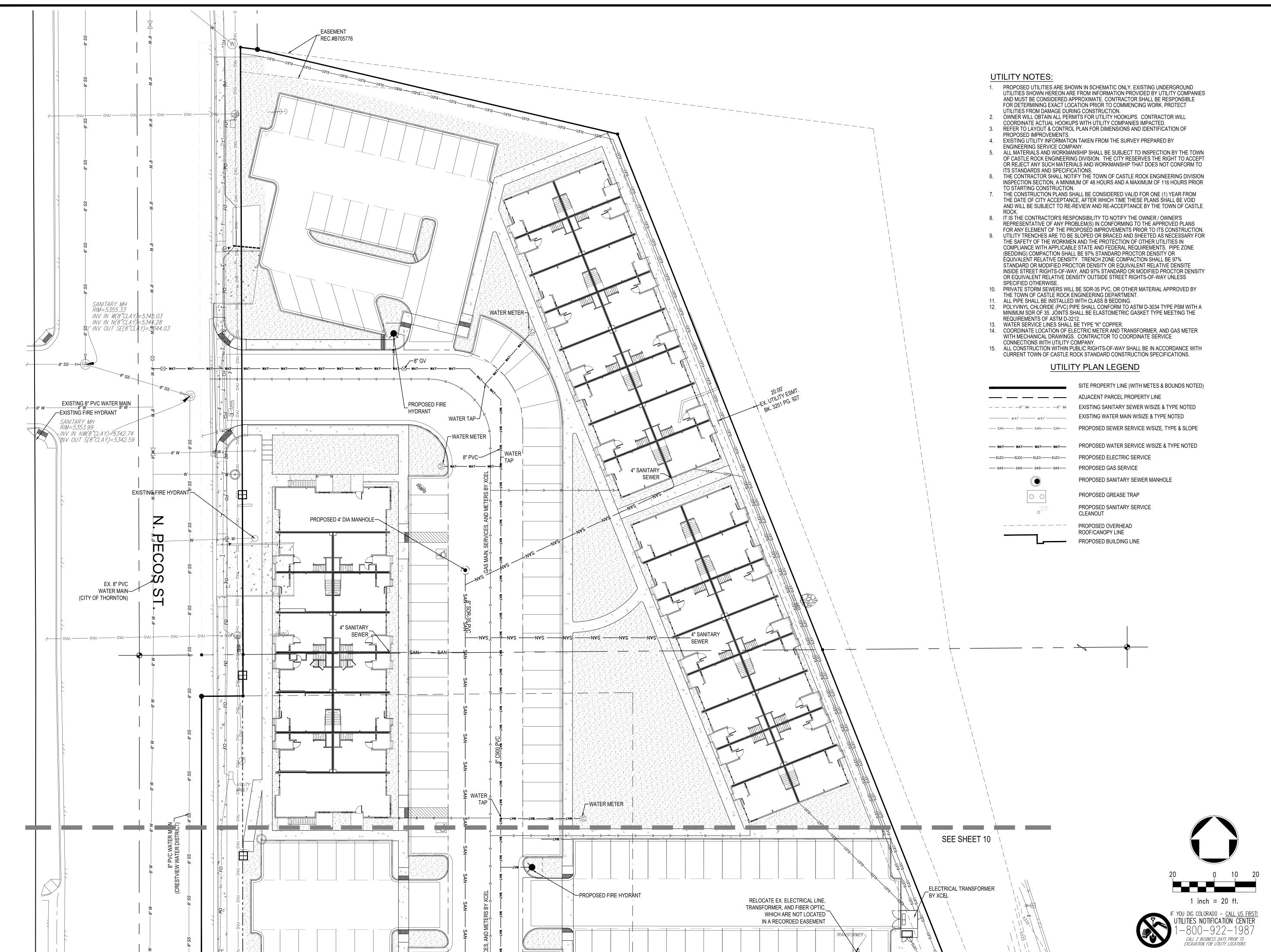
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BY Robert J. Palmer, PE Licensed Professional Engineer (CO PE #36320), S PRESIDENT FOR STRATEGIC LAND SOLUTIONS, IN

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2595 PONDEROSA ROAD FRANKTOWN, CO 80116 720.384.7661 Phone rpalmer@strategicls.net Robert J. Palmer, PE President

LAWRENCE ARCHITECTURE, INC. RICK LAWRENCE, AIA RICK@LAWARCH.COM

PREPARED UNDER THE DIRECT SUPERVISION OF:

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BY Robert J. Palmer, PE
Licensed Professional Engineer (CO PE #36320),
S PRESIDENT FOR STRATEGIC LAND SOLUTIONS, IN

NO. DATE REVISION DESCRIPTION

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ELMWOOD NORTH TOWNHOMES

8000 N. PECOS STREET
ADAMS COUNTY, CO

request of SLS, whichever comes first.

SITE ADDRESS:

 SCALE:
 AS NOTED
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 DATE:
 06/18/2024
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 DESIGNED BY:
 RJP
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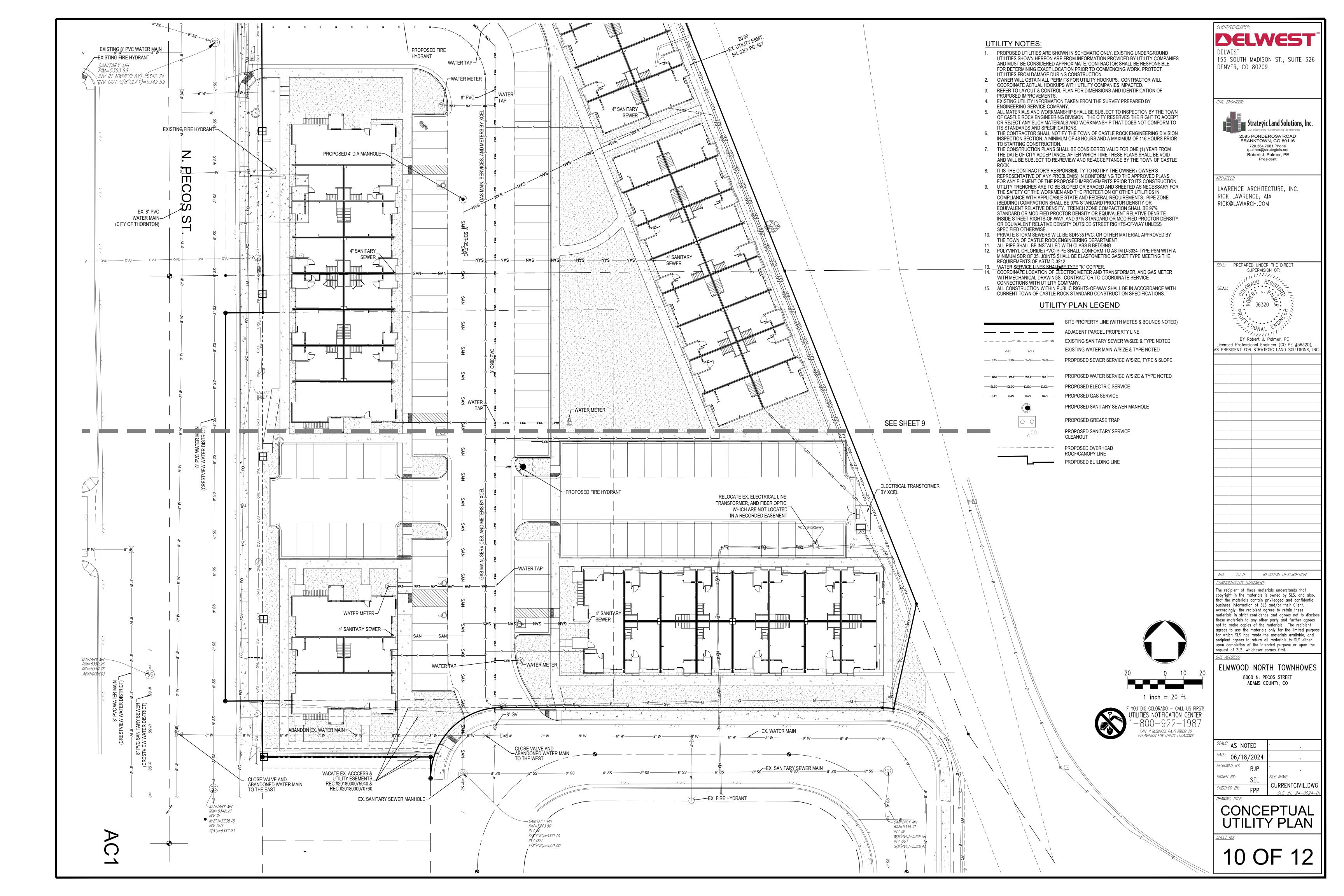
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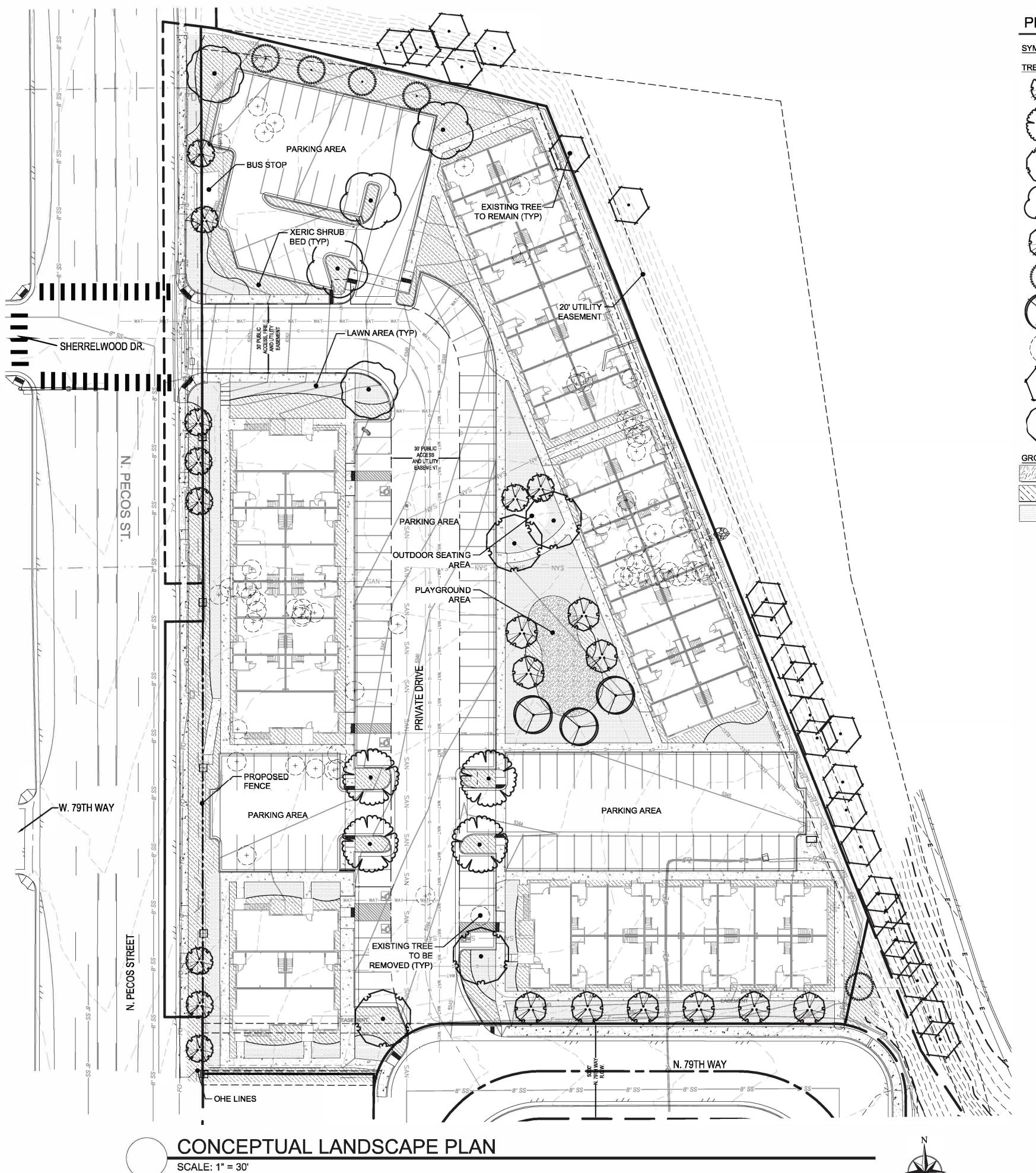
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 SLS JN: 24-0024-0
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CONCEPTUAL UTILITY PLAN

9 OF 12





PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT
TREES	АН	10	ACER TATARICUM 'HOT WINGS' / HOT WINGS TATARIAN MAPLE	1.5" B&B MULTISTEM
	СО	4	CELTIS OCCIDENTALIS / COMMON HACKBERRY	2" B&B
	GTS	4	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER' TM / SHADEMASTER LOCUST	2" B&B
$\left(\cdot\right)$	GD	3	GYMNOCLADUS DIOICA `ESPRESSO` / KENTUCKY COFFEETREE	2" B&B
	MS	10	MALUS X `SPRING SNOW` / SPRING SNOW CRAB APPLE	1.5" B&B
600 0000000000000000000000000000000000	PE	5	PINUS EDULIS / PINON PINE	6. B&B
	PCC	3	PYRUS CALLERYANA 'CHANTICLEER' / CHANTICLEER PEAR	1.5" B&B
(+)	EX-REM	67	REMOVE AS INDICATED / EXISTING TREE TO BE REMOVED	EX
$\langle \cdot \rangle$	EX-RET	24	TO REMAIN- PROTECT DURING CONSTRUCTION / EXISTING TREE TO REMAIN	EX
$\overline{}$	UC	2	ULMUS X `FRONTIER` / AMERICAN ELM	1.5" B&B
GROUND CO	OVERS			
	РМ	1,646 SF	PLAYGROUND MULCH / 12" DEPTH	MULCH
	SHBD	20,279 SF	PROPOSED XERIC SHRUB BED	MULCH
	TURF	12,761 SF	TURF / TEXAS HYBRID BLUEGRASS	SOD

NATURA_ DESIGN SOLUTIONS

Landscape Architecture

Land Planning · Irrigation Design

5539 Colt Drive, Longmont, CO 80503

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CML ENGINEER:

ARCHIECT:

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EN.;

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SIE ACCESS.

ELMWOOD NORTH TOWNHOMES

8000 N. PIICOS STREET
ADAMS COUNTY, CO

SCALE: AS NOTED :

OATE: 06/07/2024 :

DESIGNED BY: JRO

DOWN BY: JRO

CHECKED BY: NAM

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CHECKED BY: 2:

Landscape

SHEET NO:

11 OF 12

GENERAL NOTES

- (Note: All references to "Contractor" are specific to "Landscape Contractor" unless notified as "General or other type of Contractor")
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES OF MATERIALS NEEDED TO COMPLETE THIS PLAN IN THE FIELD. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND CONDITIONS IN THE FIELD. SUBSTITUTIONS OF PLANT MATERIAL ARE NOT ALLOWED WITHOUT APPROVAL FROM LANDSCAPE ARCHITECT GIVEN PRIOR TO INSTALLATION. GRAPHIC QTY'S. PREVAIL OVER WRITTEN QTY'S. PRIOR TO COMMENCEMENT OF WORK THE LANDSCAPE CONTRACTOR SHALL CONTACT OWNERS REPRESENTATIVE FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING AND SCOPE OF WORK.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL LANDSCAPE SHOWN ON THIS PLAN. ANY DEFICIENCIES OR DEVIATIONS FROM THIS PLAN ARE TO BE APPROVED BY OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT. ANY CHANGES FROM THE APPROVED PLANS MAY REQUIRE APPROVAL FROM THE CITY OR COUNTY PLANNING DEPARTMENTS. LANDSCAPE CONTRACTOR TO PROVIDE ALL LABOR AND MATERIALS NECESSARY TO FURNISH SCOPE OF WORK AS SHOWN PER PLAN.
- EXISTING TOPSOIL IS TO BE STOCKPILED AND USED TO ESTABLISH FINAL GRADES WITHIN LANDSCAPE AREAS. ALL STOCKPILED SOIL MUST BE CLEAR OF WEEDS. ROCKS AND DEBRIS BEFORE REUSE. ALL BERMED PLANTING BEDS TO BE CREATED WITH IMPORTED TOPSOIL.
- GENERAL CONTRACTOR TO RE-SPREAD STOCKPILED SOIL AND ESTABLISH ROUGH GRADE CONDITIONS TO THE FOLLOWING SPECIFICATIONS:
- A. 1" BELOW CURB FOR ALL SEEDED AREAS. B. 2.5" BELOW CURB FOR ALL SODDED AREAS.
- C. 4" BELOW CURB FOR ALL PLANTING, ROCK AND MULCH BEDS.
- CONTRACTOR TO TILL PARKING LOT ISLANDS TO A DEPTH OF 30".
- 6. AMEND ALL PLANTING BEDS WITH CLASS 1 COMPOST. APPLY AT RATE OF 3 CYDS. PER 1000 SQUARE FEET TO ALL PLANTING BEDS AND MANICURED LAWN AREAS, AND 2 CYDS. PER 1000 SQUARE FEET FOR SEEDED AREAS. TILL, MIXING THOROUGHLY, INTO THE UPPER 8" OF SOIL.
- FINE GRADE TO BE ESTABLISHED BY LANDSCAPE CONTRACTOR. FINE GRADE SHALL BE FREE OF ROCKS AND DEBRIS. FINE GRADE IN SEED AREAS SHALL BE FREE FROM ROCKS AND DEBRIS 1/2" AND GREATER. FINE GRADE IN SODDED AREAS SHALL BE FREE FROM ROCKS AND DEBRIS 1/4"AND GREATER. CONTRACTOR TO REPORT ANY POOR DRAINAGE CONDITIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR IS TO PROVIDE VERIFICATION THAT ALL SOD AND SEED IS OF THE SPECIES SHOWN ON THIS PLAN. NO SUBSTITUTIONS WILL BE ALLOWED. SOD TO BE LAID WITH TIGHT STAGGERED EDGES AND BE ROLLED AFTER INSTALLATION. SEEDED AREAS CANNOT BE SUBSTITUTED WITH SOD.
- MULCH: ALL PLANTING BEDS THAT CALL FOR WOOD MULCH TO RECEIVE 4" ORGANIC SHREDDED BARK MULCH. SHREDDED MULCH IS TO BE OF FIBROUS MATERIAL, NOT CHIPS OR CHUNKS. NO FABRIC IS TO BE PLACED UNDER WOOD/ORGANIC MULCH. ALL MULCHED BEDS ARE TO BE SPRAYED WITH WATER AFTER INSTALLATION TO HELP MULCH TO MAT

ALL AREAS THAT CALL FOR COBBLE/ROCK MULCH TO RECEIVE MIN. 3" DEPTH, UNLESS NOTED OTHERWISE. USE QUICK RELEASE ORGANIC PRE-EMERGENT HERBICIDE FOR ALL MULCHED AND PERENNIAL/ PLANTING BEDS (AND FOR COBBLE/AGGREGATE AREAS WITH SLOPES EXCEEDING 3:1 GRADE.

TREES IN COBBLE/ROCK MULCH. SOD AND SEEDED AREAS TO RECEIVE 4' DIAMETER OF WOOD MULCH RING, 3" DEEP, SHRUBS AND GROUNDCOVERS IN COBBLE/ROCK MULCH SOD AND SEEDED AREAS TO RECEIVE A WOOD MULCH RING AT 2X DIAMETER OF ROOT BALL, 3" DEPTH. NO FABRIC UNDERLAYMENT IN WOOD MULCH RINGS.

2 PRUNE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.

FOR CURRENT INSECT AND DISEASE RECOMMENDATIONS PRIOR TO PLANTING

3. DO NOT REMOVE ANY DOUBLE LEADER, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

7. PINE AND SPRUCE TREES TO BE SPRAYED FOR IPS BARK BEETLE PRIOR TO PLANTING. COORDINATE WITH

6. MARK THE NORTH SIDE OF TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE

NOTES:

WHENEVER POSSIBLE.

CITY FORESTRY

1. DO NOT REMOVE OR CUT LEADER.

4. KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.

5. AMENDED BACKFILL SHALL BE AS STATED ON THIS SHEET.

8. ALL TREES TO BE DEEP WATERED AT TIME OF PLANTING.

- 10. SEED MIX INSTALLATION: CONTRACTOR TO DRILL SEED WITH BRILLION TYPE APPLICATOR AND APPLY 'SOIL GUARD' BONDED FIBER MATRIX (BFM), WHERE INDICATED PER PLAN AND SCHEDULES. APPLY SEED IN TWO DIRECTIONS (PERPENDICULAR OF THE OTHER) ADD SOIL GUARD BFM FOR DRILL SEEDING WHERE NOTED PER PLAN AND ON ALL SLOPES 5:1 TO 3:1. FOR AREAS WITH 3:1 SLOPES OR GREATER CONTRACTOR TO USE SOIL GUARD APPLICATION ONLY (IN LIEU OF HYDROMULCH) CONTRACTOR TO SPOT SEED NON-GERMINATING AREAS (3) MONTHS AFTER INITIAL SEED APPLICATION. CONTRACTOR TO RE-SEED ALL BARE AREAS (6"x6") AND GREATER AFTER (6) MONTHS FROM SEED GERMINATION OR AT THE BEGINNING OF THE FOLLOWING GROWING SEASON. PRIOR TO THE 11-MONTH WARRANTY INSPECTION RE-APPLY SOIL GUARD AND SEED MIX TO ALL BARE AREAS (6"x6" OR GREATER) AND TO ALL BARE AREAS (4"x4" OR GREATER) ON ALL SLOPES 3:1 AND
- GREATER DEAD TWIGS AND BRANCHES FROM ALL NEW AND EXISTING PLANT MATERIAL IN A MANNER THAT DOES NOT CHANGE THE NATURAL HABIT OF THE PLANT MATERIAL. SCARES OF 1" OR MORE SHALL BE PAINTED WITH ORGANIC TREE PAINT. CENTRAL LEADERS SHALL NOT BE REMOVED AT ANY TIME. NEWLY PLANTED TREES WITHOUT CENTRAL LEADERS WILL BE REJECTED.
- 12. CONTRACTOR TO APPLY FERTILIZER IN SPRING & LATE SEPTEMBER. WATER THOROUGHLY AFTER APPLICATION OF FERTILIZERS.
- ALL SEEDED AND SODDED AREAS TO HAVE RECOMMEND FERTILIZER APPLICATIONS ADDED ONCE IN MID TO LATE JUNE AND ONCE IN LATE SEPTEMBER. WATER THOROUGHLY AFTER APPLICATION OF
- FERTILIZERS.
 13. ALL PLANT MATERIALS AND UTILITIES ARE SHOWN AT AN APPROXIMATE LOCATIONS. THE CONTRACTOR MAY NEED TO ADJUST LOCATIONS OF PLANT MATERIAL TO ADHERE TO SPECIFIC ON-SITE CONDITIONS AND CODE REQUIREMENTS. ALL TREES AND SHRUBS TO BE PLACES AT 2' MINIMUM BACK OF CURB. CONTRACTOR TO CALL FOR UTILITY LOCATES BEFORE PLANTING (TYP.) 1-800-922-1987, OR CALL 811 BEFORE YOU DIG!
- 14. STEEL EDGING TO BE USED TO SEPARATE ALL TURF AND/OR SEEDED AREAS FROM PLANTING BEDS. USE PERFORATED EDGING SEGMENTS TO OBTAIN POSITIVE DRAINAGE FOR ALL DRAINAGE SWALES OR AREAS OF STANDING WATER.
- 15. CONTRACTOR TO PROVIDE COBBLE & UNDERLAYMENT FOR BUILDING DRAINS AND SWALES THROUGH LANDSCAPED AREAS.
- 16. ALL REQUIRED LANDSCAPING TO BE INSTALLED PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
- 17. ALL NURSERY STOCK TO CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI z60.1) AND THE COLORADO NURSERY ACT.
- 18. CONTRACTOR IS RESPONSIBLE FOR CONTACTING LANDSCAPE ARCHITECT FOR ALL REQUIRED INSPECTIONS. PROVIDE AT LEAST 48 HOURS NOTICE TO SCHEDULE AN INSPECTION. REQUIRED INSPECTIONS INCLUDE A LANDSCAPE LAYOUT AND PLANT MATERIAL VERIFICATION AND PLACEMENT INSPECTION, IRRIGATION MAIN LINE INSPECTION, LANDSCAPE AND IRRIGATION PUNCH LIST INSPECTION, AND A LANDSCAPE AND IRRIGATION FINAL INSPECTION.

WHENEVER POSSIBLE

4. KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.

9. DEEP WATER ALL PLANTS AT TIME OF PLANTING.

5. DO NOT FERTILIZE FOR AT LEAST ONE GROWING SEASON.

6. AMENDED BACKFILL SHALL BE AS STATED ON THIS SHEET.

SEASONS

PLANTING.

- 19. CONTRACTOR IS TO PROVIDE A ONE YEAR WARRANTY ON ALL PLANT MATERIAL, TURF, IRRIGATION COMPONENTS, AND WORKMANSHIP. REPLACEMENT PLANT MATERIALS SHALL BE OF THE SAME SPECIES AND SIZE AS THE DECAYED OR DEAD PLANT MATERIAL. WARRANTY IS VOID IF PLANT MATERIAL ARE UNDER OR OVER-WATERED/FERTILIZED, DAMAGED BY VANDALISM OR NEGLECTED BY OWNER AFTER FINAL MAINTENANCE PERIOD AND FINAL ACCEPTANCE IS PROVIDED.
- REMOVE ALL TREE STAKING MATERIALS AT END OF WARRANTY, PRIOR TO FINAL ACCEPTANCE
- 20. MAINTENANCE: THE OWNER OF THIS PROPERTY AND ANY FUTURE OWNERS SHALL BE RESPONSIBLE FOR THE PROPER LANDSCAPE AND IRRIGATION MAINTENANCE OF THIS SITE AND ANY RIGHT OF WAY AREAS BETWEEN THE CURB AND PROPERTY LINES OF THIS SITE. MAINTENANCE OF THIS SITE INCLUDES, BUT IS NOT LIMITED TO, IRRIGATION INSPECTIONS AND ADJUSTMENTS, IRRIGATION SYSTEM SHUT DOWN AND START UP, IRRIGATION LEAK REPAIR, LANDSCAPE WEEDING, MOWING, SEEDING, FERTILIZATION, WOOD MULCH AND ROCK COVER REPLACEMENT, PRUNING, AND PLANT MATERIAL REPLACEMENT (INCLUDING ANNUAL BEDS). ALL MAINTENANCE SHOULD BE IN ACCORDANCE WITH STANDARDS SPECIFIED WITHIN THE "ALCC SPECIFICATIONS HANDBOOK" REVISED EDITION- 1996. OWNER SHOULD CONTACT LANDSCAPE CONTRACTOR OR LANDSCAPE ARCHITECT REGARDING ANY QUESTIONS RELATING TO THE LANDSCAPE OR IRRIGATION MAINTENANCE OF THIS SITE.

EXISTING TREES EXISTING TREES DESIGNATED ON PLANS AS "TO REMAIN", OR MARKED FOR PROTECTION AND PRESERVATION IN THE FIELD, SHALL NOT BE REMOVED OR DAMAGED.

NO GRADING TO OCCUR WITHIN THE CRITICAL ROOT ZONE / DRIP LINE OF EXISTING TREES. ALL GRADING AROUND EXISTING TREES TO REMAIN SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.

PRIOR TO CONSTRUCTION, ALL PROTECTED TREES SHALL HAVE ORANGE PROTECTION BARRIER FENCING ERECTED AT A HEIGHT OF 3' OR GREATER. FENCING TO BE SUPPORTED BY STURDY STOCK, CAPABLE OF SUPPORTING FENCING UNTIL ALL CONSTRUCTION OPERATIONS ARE COMPLETED. PLACE NO CLOSER THAN 6' FROM TRUNK, OR ONE HALF (1/2) OF THE DRIP LINE, WHICHEVER IS GREATER. WITHIN THE PROTECTED ZONE THERE SHALL BE NO MOVEMENT OF EQUIPMENT OR STORAGE OF EQUIPMENT, MATERIALS, WAIST, DEBRIS, OR FILL, UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.

AVOID CUTTING SURFACE ROOTS WHEREVER POSSIBLE. SIDEWALKS AND PAVING LEVELS SHOULD BE CONTOURED SUFFICIENTLY TO AVOID SUCH. ROOT CUTS FROM EXCAVATION SHOULD BE DONE RAPIDLY. SMOOTH FLUSH CUTS SHOULD BE MADE. BACKFILL BEFORE ROOTS HAVE A CHANCE TO DRY OUT, AND THOROUGHLY WATER THE TREE IMMEDIATELY.

IRRIGATION NOTES

ALL TURF AREAS TO BE IRRIGATED WITH AN AUTOMATIC POP-UP SPRINKLER SYSTEM. ALL SHRUBS BEDS TO BE IRRIGATED WITH AUTOMATIC DRIP IRRIGATION SYSTEM. THE IRRIGATION SYSTEM IS TO BE ADJUSTED TO MEET THE NEEDS OF INDIVIDUAL PLANT MATERIAL.

IRRIGATION SYSTEM TO BE ADJUSTED AS NEEDED FOR PLANT ESTABLISHMENT FOR A PERIOD OF AT LEAST ONE (1) YEAR.

ADJUSTMENTS TO BE MADE AFTER ESTABLISHMENT BASED ON SPECIFIC PLANT REQUIREMENTS. SEE SUGGESTED RUN TIMES PROVIDED WITHIN THESE PLANS.

DESIGN OF IRRIGATION SYSTEMS TO MEET OR EXCEED LOCAL REQUIREMENTS AND INDUSTRY STANDARDS. CONSTRUCTION DOCUMENTS SUITABLE FOR DEVELOPMENT COORDINATION TO BE PROVIDED.

IRRIGATION SYSTEM TO BE DESIGNED USING APPROPRIATE COMPONENTS FOR PLANT MATERIAL, AND WILL INCLUDE A SMART ET CONTROLLER AND RAIN SENSOR.

ALL NATIVE SEED AREAS TO BE TEMPORARILY IRRIGATED FOR A PERIOD OF 1 YEAR, OR UNTIL FULLY ESTABLISHED.

RICK LAWRENCE. AIA RICKOLAWARCH.COM

LAWRENCE ARCHITECTURE, INC.

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ELMWOOD NORTH TOWNHOMES 8000 N. PECOS STREET

ADAMS COUNTY, CO

SOME AS NOTED DATE: 06/07/2024

DE SIGNED BY: FLE MUE: **CURRENTCIVIL.DWG**

> Landscape Details

SHEET MO: 12 OF 12

EXISTING TREE PROTECTION DIRECTIONS:

PROTECTIVE FENCING:

FOUR FEET HEIGHT PROTECTIVE FENCING IS TO BE INSTALLED AROUND THE EXISTING TREES TO REMAIN PRIOR TO CONSTRUCTION ON THIS SITE. CONTRACTOR IS TO TAKE PRECAUTIONS TO ENSURE THAT EXISTING ROOTS AND LIMBS ARE NOT DAMAGED DURING EXCAVATION ADJACENT TO TREES. FENCING IS TO BE INSTALLED BELOW THE EDGE OF THE CANOPY OF THE EXISTING TREES TO REMAIN. FENCING IS TO REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION.

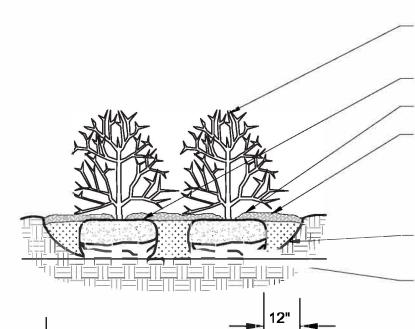
IF ROOT PRUNING IS NECESSARY FOR GRADING, EXCAVATING, OR INSTALLATION OF IRRIGATION SYSTEM, ALL ROOT PRUNING IS TO TAKE PLACE OUTSIDE OF THE PROTECTIVE FENCING AROUND EACH TREE. CONTRACTOR IS TO TRENCH 12" AWAY FROM PROTECTIVE FENCING. ANY ROOTS LARGER THAN 2" ARE TO BE SAW CUT. CONTRACTOR IS TO HAND DIG ANY TRENCHES AND SAW CUT ANY INTERFERING ROOTS INSIDE THE PROTECTIVE FENCE AREAS.

WATERING, MULCHING, AND FERTILIZATION:

PRIOR TO CONSTRUCTION CONTRACTOR IS TO PLACE A 4" DEPTH OF WOOD CHIPS OR MULCH INSIDE THE PROTECTIVE FENCING OF EXISTING TREES TO REMAIN. CONTRACTOR IS TO PROVIDE REGULAR DEEP WATERING TO ALL EXISTING TREES TO REMAIN THROUGHOUT CONSTRUCTION. DURING CONSTRUCTION A SLOW-RELEASE NITROGREN FERTILIZER IS TO BE APPLIED AROUND THE BASE OF EACH TREE AT A RATE OF 2 LBS. PER 1000 S.F. (USE DRIP LINE OF TREE TO CALCULATE SQUARE FOOTAGE).

L2.0

EXISTING TREE PROTECTION DETAIL



2" BELOW ADJACENT FINISH GRADE AT EDGE TO HOLD

PLANT TOP OF ROOTBALL AT GRADE. SHREDDED REDWOOD / CEDAR / GORILLA HAIR MULCH ONLY

SCARIFY SIDES OF PLANTING PIT. BACKFILL WITH AMENDED SOIL MIX. ROOTBALL SHALL REST ON FIRM, UNDISTURBED SOIL

REMOVE ALL PACKAGING MATERIAL. FOR POT BOUND PLANT, ONLY: MAKE 4-5 VERTICAL CUTS IN ROOTBALL 1" DEEP. PLAN'I IMMEDIATELY.

SHRUB PLANTING DETAIL

L2.0

3-4" DEPTH OF SPECIFIED WOOD MULCH. PROVIDE A 6' DIAMETER WOOD MULCH RING AND 6" PLANTING RIM FOR TREES IN DRYLAND PLANTING BEDS AND IN IRRIGATED NATIVE SEED AREAS WHERE IRRIGATION ZONES ARE TO BE SHUT DOWN AFTER ESTABLISHMENT. PROVIDE SAUCER ON DOWNHILL SIDE ON SLOPES. KEEP MULCH AWAY FROM CONTACT WITH WOODY TRUNK. DO NOT PLACE FABRIC UNDER MULCH. NO RIM FOR TREES LOCATED IN TURF AREAS. SCARIFY SIDES OF PLANTING PIT. BACKFILL WITH AMENDED SOIL MIX. ROOTBALL SHALL REST ON FIRM, UNDISTURBED SOIL. AFTER TREE IS POSITIONED, REMOVE ALL TWINE, ROPE, PLASTIC, WIRE, BURLAP, AND RUBBER.

DECIDUOUS TREE PLANTING DETAIL

3-4" DEPTH OF SPECIFIED MULCH. KEEP MULCH AWAY FROM CONTACT WITH WOODY TRUNK. DO NOT PLACE LANDSCAPE FABRIC UNDER MULCH.

ORANGE FLUORESCENT FLAGGING ON WIRE FOR SAFETY.

PROVIDE A 6' DIAMETER WOOD MULCH RING WITH A 6" PLANTING RIM FOR TREES IN DRYLAND PLANTING BEDS AND IN IRRIGATED NATIVE SEED AREAS WHERE IRRIGATION ZONES ARE TO BE SHUT DOWN AFTER ESTABLISHMENT. PROVIDE 6" RIM ON DOWNHILL SIDE ON SLOPES. NO RIM FOR TREES IN IRRIGATED TURF AREAS.

SET TREE VERTICAL, STAKE TREES SMALLER THAN 6' WITH TWO POSTS ON THE LEEWARD AND WINDWARD SIDES; STAKE TREES 6' HEIGHT AND GREATER WITH 3 METAL ANGLE IRONS, PLACED 120 DEGREES APART. USE NYLON STRAP WITH GROMMETS BELOW MIDPOINT OF TREE. TIGHTEN #10 GUY WIRE BY TWISTING. PROTECT BRANCHES FROM TOUCHING WIRE. ALLOW A SLIGHT SAG FOR SWAY. PROVIDE FLAGGING FOR VISIBILITY. SET STAKES IN MINIMUM 18" FIRM SOIL. REMOVE STAKES WITHIN 12-18 MONTHS OF PLANTING.

SHREDDED REDWOOD / CEDAR / GORILLA HAIR MULCH ONLY

SCARIFY SIDES OF PLANTING PIT. BACKFILL WITH AMENDED SOIL MIX. ROOTBALL SHALL REST ON FIRM, UNDISTURBED SOIL

L2.0

MIN. 2X ROOTBALL

1. MARK THE NORTH SIDE OF TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE

2. AT TIME OF PLANTING, DO NOT REMOVE OR CUT LEADER AND PRUNE ONLY DEAD OR BROKEN BRANCHES, CROSS

PRUNED. HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE

3. STRUCTURAL PRUNING SHOULD NOT BEGIN UNTIL AFTER ESTABLISHMENT PERIOD, USUALLY TWO GROWING

7. WRAP TRUNK ON EXPOSED SITES AND SPECIES WITH THIN BARK. USE ELECTRICAL OR DUCT TAPE, NOT TWINE.

8. COORDINATE WITH CITY FORESTRY FOR CURRENT INSECT AND DISEASE RECOMMENDATIONS PRIOR TO

OVER BRANCHES, AND WEAK OR NARROW CROTCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE

SECTION

REMOVE TWINE FROM BRANCHES ON TREES TIED OR SHIPPING. SPRAY WITH WILT PRUF OR EQUAL F LEAFED OUT).

PRANGE FLUORESCENT FLAGGING ON WIRE FOR

SET TREE VERTICAL, STAKE UP TO 3" CALIPER TREES WITH TWO POSTS ON THE LEEWARD AND WINDWARD SIDES; STAKE TREES OVER 3" CALIPER WITH 3 EVENLY SPACED POSTS. USE NYLON STRAP WITH GROMMETS BELOW MIDPOINT OF TREE. TIGHTEN #10 GUY WIRE BY TWISTING. PROTECT BRANCHES FROM TOUCHING WIRE. ALLOW A SLIGHT SAG FOR SWAY, PROVIDE FLAGGING TAPE WITH MINIMUM 6" DANGLING. SET STAKES IN MINIMUM 18" FIRM SOIL. REMOVE STAKES WITHIN 12-18 MONTHS OF PLANTING.

TRUNK FLARE MUST BE VISIBLE AT TOP OF ROOTBALL POSITION ROOT FLARE AT GRADE.

SHREDDED REDWOOD / CEDAR / GORILLA HAIR MULCH ONLY

Landscape Architecture Land Planning · Irrigation Design 5539 Colt Drive, Longmont, CO 80503

(303) 443-0388 · neil@ndscolorado.com

EXISTING VEGETATION (all ex. vegetation to remain unless noted to be removed)

CLEAR OF DEBRIS AND

CONSTRUCTION FENCING

- NO DISTURBANCE IN CRZ

ALL PRUNING AND/OR ROOT

DISTURBANCE TO BE SUPERVISED

AND/OR PERFORMED BY A SERVICE LICENSED BY THE CITY FORESTER.

AND FILL

- WOOD LATH

CRZ - CRITICAL ROOT ZONE

Use trees spade to relocate trees. Preserve the rootball and existing roots.

Deep water for three months, provide drip irrigation thereafter

