Community & Economic Development Department www.adcogov.org



1st Floor, Suite W2000
Brighton, CO 80601-8204
PHONE 720.523.6800
FAX 720.523.6998

SUBDIVISION-MAJOR / PRELIMINARY

Application submittals must include all documents on this checklist as well as this page. Please use the reference guide (pg. 3) included in this packet for more information on each submittal item.

All applications shall be submitted electronically to epermitcenter@adcogov.org. If the submittal is too large to email as an attachment, the application may be sent as an unlocked OneDrive link. Alternatively, the application may be delivered on a flash drive to the One-Stop Customer Service Center. All documents should be combined in a single PDF. Once a complete application has been received, fees will be invoiced and payable online at https://permits.adcogov.org/CitizenAccess/.

1 1.	Development Application Form (pg. 4)
√ 2.	Application Fees (pg. 2)
√ 3.	Written Explanation of the Project
√ 4.	Site Plan Showing Proposed Development
√ 5.	Copy of Plat prepared by Registered Land Surveyor (pg. 7)
✓ 6.	School Impact Analysis (contact applicable District)
√ 7.	Fire Protection Report (contact applicable District)
√ 8.	Proof of Ownership (title policy dated within 30 days of submittal)
√ 9.	Proof of Water and Sewer Services
10	. Proof of Utilities (e.g. electric, gas)
1 1	. Legal Description
1 2	. Statement of Taxes Paid
1 3	. Certificate of Notice to Mineral Estate Owners/and Lessees (pg. 12)
1 4	. Certificate of Surface Development (pg. 13)
Requi	red Engineering Documents (see notes on next page)
1 .	Preliminary Drainage Report
√ 2.	Preliminary Traffic Impact Study
√ 3.	Preliminary Erosion and Sediment Control Plans
√ 4.	Preliminary Construction/ Engineering Design Plans
	continued on next page

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DEVELOPMENT APPLICATION FORM

Application Type	e:		
Subo	ceptual Review Preliminary PUD division, Preliminary Final PUD division, Final Rezone Correction/ Vacation Special Use	Tempora Variance Condition Other:	nal Use
PROJECT NAME	Sherrelwood Village Filing No. 2		
APPLICANT			
Name(s):	Delwest Development Corp/Craig Fitchett	Phone #:	720-708-4065
Address:	155 S Madison St, Suite 326		
City, State, Zip:	Denver, CO 80209		
2nd Phone #:	720-276-6098	Email:	cfitchett@delwest.com
OWNER			
Name(s):	Joe DelZotto	Phone #:	720-708-4065
Address:	155 S Madison St., Suite 326		
City, State, Zip:	Denver, CO 80209		
2nd Phone #:	303-888-8048	Email:	jad@delwest.com
TECHNICAL REF	PRESENTATIVE (Consultant, Engir	neer, Survey	vor, Architect, etc.)
Name:	Tom Girard	Phone #:	303-730-5976
Address:	3473 S. Broadway		
City, State, Zip:	Englewood, CO 80113		
2nd Phone #:		Email:	tgirard@liveyourcore.com

DESCRIPTION OF SITE

Address:	7840 Pecos, 7996 Pecos and 8000 Pecos
City, State, Zip:	Denver, CO 80221
Area (acres or square feet):	450,875 SF / 10.351 Ac
Tax Assessor Parcel Number	7840 Pecos-017193310016; 7996 Pecos-0171933100009 and 8000 Pecos St-0171928400003
Existing Zoning:	PUD
Existing Land Use:	7996 Pecos - Vacant PUD; 8000 Pecos - abondoned school; 7840 Pecos PUD
Proposed Land Use:	PUD with 47 Townhomes
Have you attende	d a Conceptual Review? YES x NO
If Yes, please list	PRE#: 201900091
under the author pertinent requirem Fee is non-refund	at I am making this application as owner of the above described property or acting rity of the owner (attached authorization, if not owner). I am familiar with all nents, procedures, and fees of the County. I understand that the Application Review dable. All statements made on this form and additional application materials are my knowledge and belief.
Name:	W. Craig Fitchett Date: 07/06/2021
Name:	Owner's Printed Name Owner's Signature



Narrative Preliminary Major Subdivision

Delwest Development Corporation is proposing to amend their current Sherrelwood Village PUD-PDP to include approximately 47 new townhomes on 3.3 Acres of additional land adjacent and to the north of the single-family homes we are currently building.

7996 and 8000 Pecos St were purchased to offer a lower, more "workforce" focused priced housing solution for the community than a new traditional single-family home. Delwest has repurposed several Westminster Schools blighted properties. We will be demolishing a vacant, blighted building, the former Children's Outreach Project, and building new attainable housing stock.

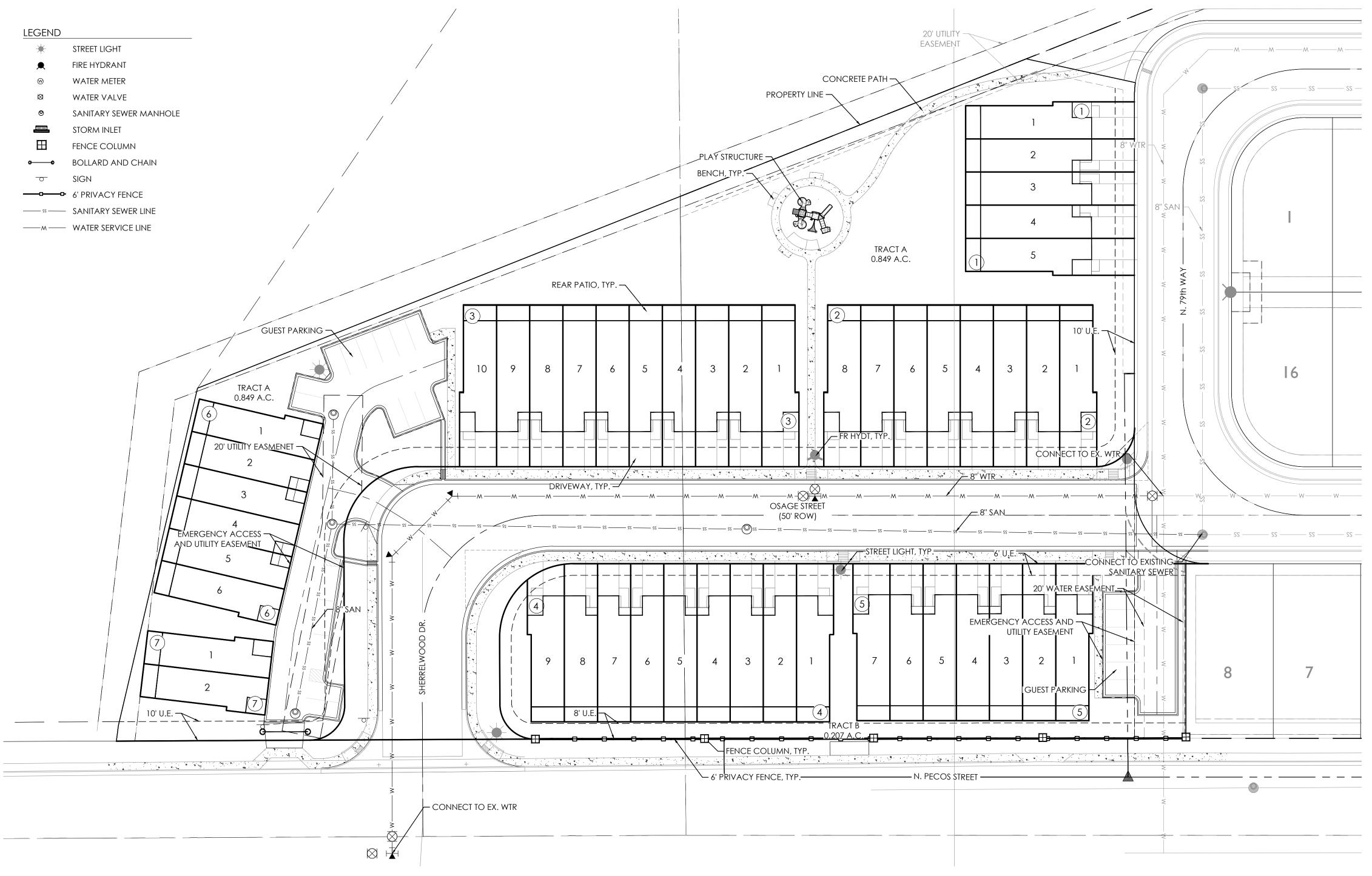
In order to plat the townhomes, we are proposing a subdivision that combines Lot 1:Block 4 from the plat correction of Sherrelwood Village Filing 1 with the properties of 7996 and 8000 Pecos St. This creates a 3.3 Ac parcel that include 47 lots, landscape tracts and right of way for Osage St and Sherrelwood Dr.

We at Delwest are excited to have the opportunity to enhance this neighborhood and bring market rate housing to the area. We look forward to working with the community and staff moving forward.

Sincerely,

W. Craig Fitchett

Director of Acquisitions & Business Development, Delwest



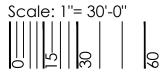
SITE PLAN

JULY 7, 2021









PROJ MGR: TMG PROJ ENG: DATE: 6/28/2021

SHEET

OF 15-018

SHERRELWOOD VILLAGE FILING NO. 2

PART OF THE NORTHEAST QUARTER SECTION 33 AND THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, **COUNTY OF ADAMS, STATE OF COLORADO**

SHEET I

LEGAL DESCRIPTION AND DEDICATION STATEMENT

KNOW ALL PEOPLE BY THESE PRESENTS THAT THE UNDERSIGNED WARRANT THEY ARE THE OWNER OF A PARCEL OF LAND BEING TRACTS B & D, LOTS I THROUGH 4, BLOCK I, AND A PORTION OF LOT 8, BLOCK 2, SHERRELWOOD VILLAGE, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 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 ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH 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 TO 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 \$ 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

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 PLAT, A DISTANCE OF 459.50 FEET TO THE EAST CORNER OF LOT 4, BLOCK I, SAID SHERRELWOOD VILLAGE PLAT;

THENCE S 12°19'21" W, ALONG THE SOUTHEAST LINE OF SAID LOT 4, A DISTANCE OF 57.53 FEET TO A POINT ON THE NORTH LINE OF WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT AND A POINT OF NON-TANGENT CURVATURE;

THENCE ALONG THE NORTH LINE OF THE WEST 79TH WAY RIGHT-OF-WAY AND ALONG THE WEST LINE OF THE OSAGE STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT, THE FOLLOWING THREE (3) COURSES:

- I. 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 6.01 FEET;
- 2. N 89°58'07" W, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE;
- 3. 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;

THENCE N 00°01'53" E, A DISTANCE OF 11.47 FEET TO A POINT ON THE SOUTH LINE OF SAID TRACT B;

THENCE ALONG THE SOUTH AND WEST LINES OF SAID TRACT B THE FOLLOWING TWO (2) COURSES: I. 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; 2. 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;

THENCE ALONG THE SOUTH, EAST AND NORTH LINES OF SAID PARCEL OF LAND THE **FOLLOWING THREE (3) COURSES:**

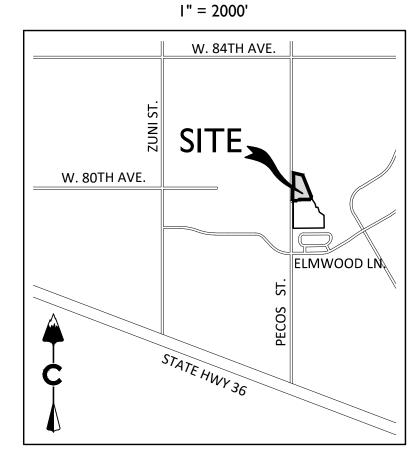
- I. S 89°30'30" W, ALONG A LINE BEING PARALLEL TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BEING 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- 2. N 00°01'53" E. ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE NORTHEAST OUARTER 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 OUARTER OF SAID SECTION 33;
- N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL TO 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;

THENCE N 00°01'53" E, ALONG SAID EAST LINE AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33 A DISTANCE OF 20.00 FEET TO THE POINT OF BEGINNING.

CONTAINING AN AREA OF 143,370 SQUARE FEET OR 3.291 ACRES, MORE OR LESS.

HAVE LAID OUT, PLATTED AND SUBDIVIDED THE SAME INTO LOTS, STREETS AND EASEMENTS AS SHOWN ON THIS PLAT UNDER THE NAME AND STYLE OF SHERRELWOOD VILLAGE FILING NO. 2. ALL PUBLIC STREETS ARE HEREBY DEDICATED TO ADAMS COUNTY FOR PUBLIC USE. THE UNDERSIGNED DOES HEREBY DEDICATE, GRANT AND CONVEY TO ADAMS COUNTY THOSE PUBLIC EASEMENTS AS SHOWN ON THE PLAT; AND FURTHER RESTRICTS THE USE OF ALL PUBLIC EASEMENT TO ADAMS COUNTY AND/OR ITS ASSIGNS, PROVIDED HOWEVER, THAT THE SOLE RIGHT AND AUTHORITY TO RELEASE OR QUITCLAIM ALL OR ANY SUCH PUBLIC EASEMENTS SHALL REMAIN EXCLUSIVELY VESTED IN ADAMS COUNTY.

VICINITY MAP



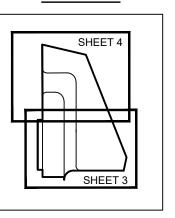
LAND USE TABLE

TYPE	AREA (SF)	AREA (AC)
LOTS (47)	65,023	1.493
TRACTS (2)	46,028	1.056
R.O.W DEDICATED	32,319	0.742
TOTAL	143,370	3.291

TRACT USE TABLE

TRACT	USE	OWNERSHIP	MAINTENANCE
Α	OPEN SPACE, UTILITY, DRAINAGE & ACCESS	OWNER	OWNER
В	OPEN SPACE, UTILITY, DRAINAGE & ACCESS	OWNER	OWNER

KEY MAP



SHEET INDEX

SHEET 1 COVER SHEET 2 OVERALL BOUNDARY SHEET 3 DETAIL SHEET 4 DETAIL SHEET 5 NOTES AND TABLES

PUBLIC SERVICE COMPANY OF COLORADO NOTES

THESE EASEMENTS ARE DEDICATED TO ADAMS COUNTY FOR THE BENEFIT OF THE APPLICABLE UTILITY PROVIDERS FOR THE INSTALLATION, MAINTENANCE, AND REPLACEMENT OF ELECTRIC, GAS, TELEVISION, CABLE, AND TELECOMMUNICATIONS FACILITIES (DRY UTILITIES). UTILITY EASEMENTS SHALL ALSO BE GRANTED WITHIN ANY ACCESS EASEMENTS AND PRIVATE STREETS IN THE SUBDIVISION. PERMANENT STRUCTURES, IMPROVEMENTS, OBJECTS, BUILDINGS, WELLS, WATER METERS AND OTHER OBJECTS THAT MAY INTERFERE WITH THE UTILITY FACILITIES OR USE THEREOF (INTERFERING OBJECTS) SHALL NOT BE PERMITTED WITHIN SAID UTILITY EASEMENTS AND THE UTILITY PROVIDERS, AS GRANTEES, MAY REMOVE ANY INTERFERING OBJECTS AT NO COSTS TO SUCH GRANTEES, INCLUDING, WITHOUT LIMITATION, VEGETATION. PUBLIC SERVICE COMPANY OF COLORADO (PSCo) AND ITS SUCCESSORS RESERVE THE RIGHT TO REQUIRE ADDITIONAL EASEMENTS AND TO REQUIRE THE PROPERTY OWNER TO GRANT PSCo AN EASEMENT ON ITS STANDARD FORM.

CITY OF THORNTON NOTES

WATER AND SANITARY SEWER EASEMENTS ARE HEREBY GRANTED TO THE CITY OF THORNTON, AS SHOWN ON THIS PLAT, FOR THE PURPOSE TO CONSTRUCT, MAINTAIN, REPAIR, REPLACE, INSPECT AND OPERATE MAINS, TRANSMISSION, DISTRIBUTION AND SERVICE LINES AND APPURTENANCES OR OTHER IMPROVEMENTS FOR WHICH THE EASEMENTS WERE GRANTED, TOGETHER WITH A RIGHT OF ACCESS, ON, ALONG AND IN ALL OF THE EASEMENTS, AS MAY BE NECESSARY TO ACCOMPLISH THE INTENDED PURPOSES OF THE EASEMENT. THESE EASEMENTS SHALL BE EXCLUSIVE, HOWEVER UTILITIES MAY CROSS THE EXCLUSIVE EASEMENTS AT SUBSTANTIALLY 90

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ITS:		
<u>ACKNOWLEDGEMENT</u>		
STATE OF)	
COUNTY OF) SS)	
THE FOREGOING WAS ACKNOW	LEDGED BEFORE ME THIS DA	۱Y
OF, 20, A.D.		
BY:		
WITNESS MY HAND AND OFFICIA	L SEAL:	
NOTARY PUBLIC:		
MY COMMISSION EXPIRES:		

PLANNING COMMISSION APPROVAL

APPROVED BY	THE ADAMS	COUNTYPL	ANNING COMMIS	SION ON THIS _	DAT
OF	, 20	_ , A.D. AT	_O'CLOCK _M.		

CHAIR

BOARD OF COUNTY COMMISSIONERS APPROVAL

APPROVED BY THE	ADAMS COUNTY BO	DARD OF COMMISSIONERS THIS _	DAY
OF	, 20 , A.D. AT	O'CLOCK _ M.	

SURVEYOR'S CERTIFICATE

CHAIR

I HEREBY CERTIFY I WAS IN RESPONSIBLE CHARGE OF THE SURVEY WORK USED IN THE PREPARATION OF THIS PLAT; THE POSITIONS OF THE PLATTED POINTS SHOWN HEREON HAVE AN ACCURACY OF NOT LESS THAN (I) FOOT IN TEN THOUSAND (10,000) FEET PRIOR TO ADJUSTMENTS; AND ALL BOUNDARY MONUMENTS AND CONTROL CORNERS SHOWN HEREON WERE IN PLACE AS DESCRIBED IN APRIL 2020

THOMAS M. GIRARD COLORADO PLS 38151 FOR AND ON BEHALF OF CORE CONSULTANTS, INC



ADAMS COUNTY CLERK AND RECORDER'S CERTIFICATE

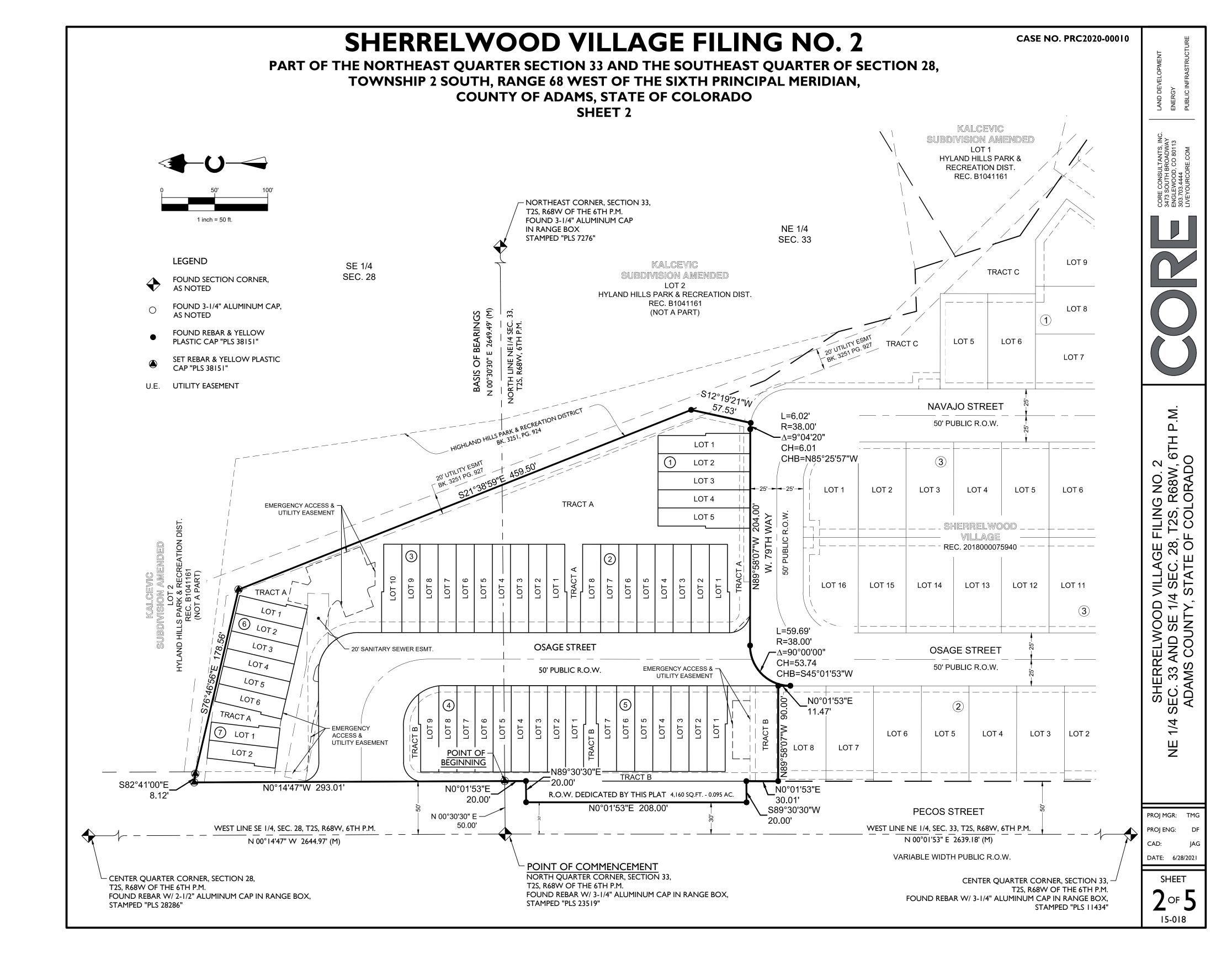
CLERK AND RECORDER IN THE STATE OF COLORADO AT _	M. ON THE

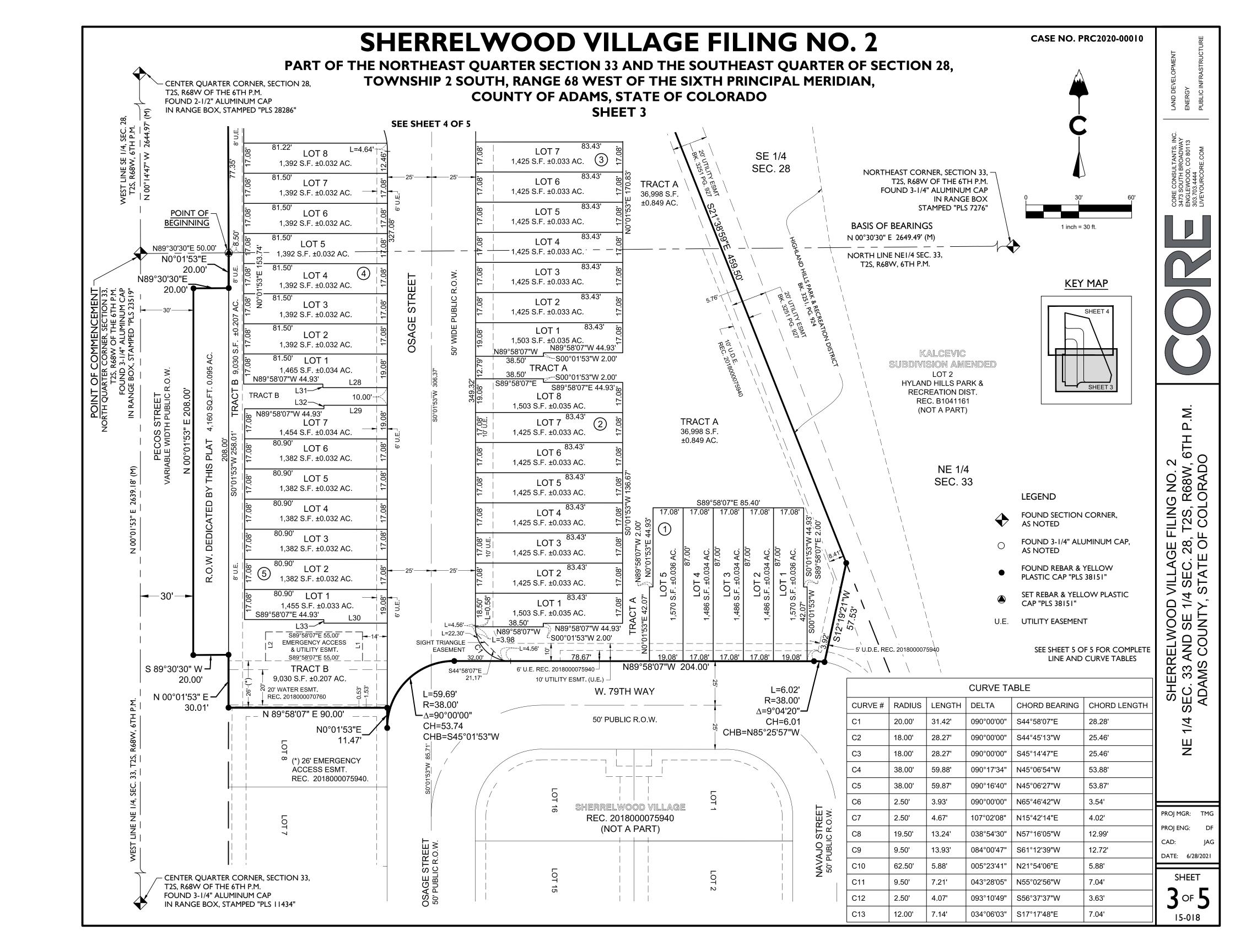
THIS PLAT WAS FILED FOR RECORD IN THE OFFICE OF THE ADAMS COUNTY

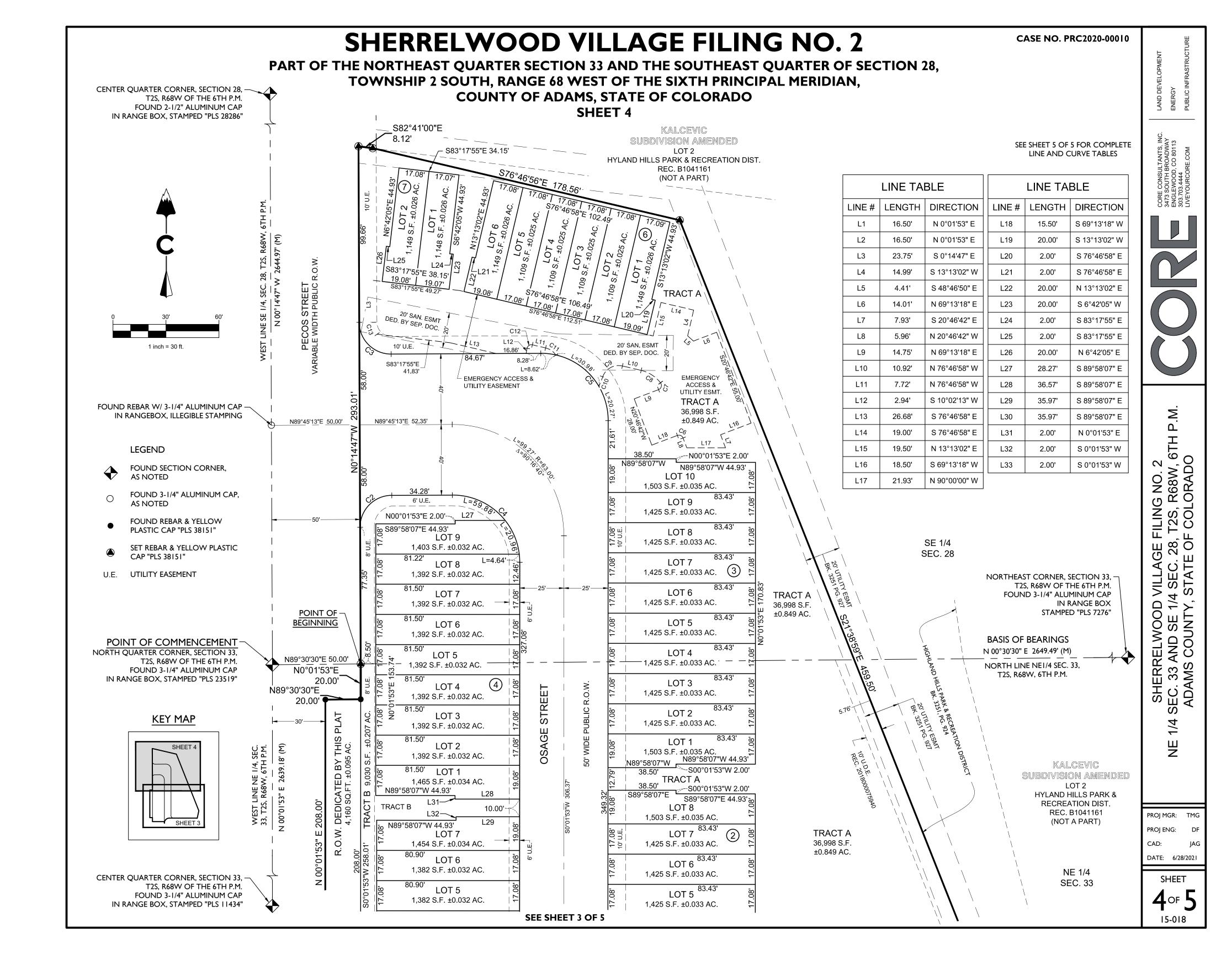
CLERK AND REC	ORDER IN THE STATE OF COLORADO ATM. ON THE
DAY OF	_, 20

|--|

	RECEPTION NO.
BY DEPUTY:	







DATE: 6/28/2021

SHEET

15-018

PART OF THE NORTHEAST QUARTER SECTION 33 AND THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, **COUNTY OF ADAMS, STATE OF COLORADO** SHEET 5

NOTES

- 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.
- 2. THIS SURVEY DOES NOT REPRESENT A TITLE SEARCH BY CORE CONSULTANTS, INC. FOR RECORD DOCUMENTS AND DETERMINATION OF OWNERSHIP, EASEMENTS OF RECORD, RIGHTS-OF-WAY AND ENCUMBRANCES, CORE CONSULTANTS, INC. RELIED UPON TITLE COMMITMENT ORDER NO. 21000310549, PREPARED BY STEWART TITLE GUARANTY COMPANY, WITH AN EFFECTIVE DATE OF MAY 21, 2021 AT 5:30 PM
- 3. ANY PERSON WHO KNOWINGLY REMOVES, ALTERS OR DEFACES ANY PUBLIC LAND SURVEY MONUMENT OR LAND BOUNDARY MONUMENT OR ACCESSORY, COMMITS A CLASS TWO (2) MISDEMEANOR PURSUANT TO STATE STATUTE 18-4-508, C.R.S.
- BEARINGS FOR THIS SURVEY 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 THE NORTH QUARTER CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4" ALUMINUM CAP IN RANGE BOX, STAMPED "PLS 23519", TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4" ALUMINUM CAP IN RANGE BOX. PLS 7276. WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.
- THE LINEAL UNIT USED IN THE PREPARATION OF THIS ALTA/NSPS LAND TITLE SURVEY IS THE U.S. SURVEY FOOT. PURSUANT TO C.R.S. 38-52-103(2) METRIC CONVERSION IS: ONE METER EQUALS 3937 / 1200 FEET.
- 6. DATE OF FIELD SURVEY: APRIL 9, 2020
- 7. THE GROSS LAND AREA OF THE SUBJECT PROPERTY IS 143,370 SQUARE FEET, OR 3.291 ACRES, MORE OR LESS.
- 8. RIGHT-OF-WAY FOR INGRESS AND EGRESS FOR SERVICE AND EMERGENCY VEHICLES IS GRANTED OVER, ACROSS, ON, AND THROUGH ANY AND ALL PRIVATE ROADS, WAYS, AND FIRE LANES NOW OR HEREAFTER ESTABLISHED ON THE DESCRIBED PROPERTY. THE SAME ARE HEREBY DESIGNATED AS FIRE LANES AND EMERGENCY AND SERVICE VEHICLE ROADS, AND SHALL BE POSTED "NO PARKING - FIRE LANE"
- THE PROPERTY LIES WITHIN ZONE X, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER FEMA MAP NO. 08001C0584H, PANEL 584, REVISED MARCH 5, 2017.
- 10. REFER TO THE OPERATION AND MAINTENANCE MANUEL RECORDED APRIL 2, 2018 AT RECEPTION NO. 2018000026268 FOR ADDITIONAL DRAINAGE GUIDELINES.
- 11. TEN-FOOT (10') WIDE UTILITY EASEMENTS ALONG THE EAST SIDE OF THE OSAGE STREET RIGHT-OF-WAY AND ALONG THE NORTH SIDE OF THE W. 79TH WAY RIGHT-OF-WAY; SIX-FOOT (6') WIDE UTILITY EASEMENTS ALONG THE WEST SIDE OF THE OSAGE STREET RIGHT-OF-WAY; EIGHT-FOOT (8') WIDE UTILITY EASEMENTS ALONG THE EAST SIDE OF THE PECOS STREET RIGHT-OF-WAY ARE HEREBY DEDICATED ON PRIVATE PROPERTY ADJACENT TO THE FRONT LOT LINES OF EACH LOT IN THE SUBDIVISION. IN ADDITION, EIGHT-FOOT (8') WIDE DRY UTILITY EASEMENTS ARE HEREBY DEDICATED AROUND THE PERIMETER OF TRACTS, PARCELS AND/OR OPEN SPACE AREAS. THESE EASEMENTS ARE DEDICATED TO ADAMS COUNTY FOR THE BENEFIT OF THE APPLICABLE UTILITY PROVIDERS FOR THE INSTALLATION, MAINTENANCE, AND REPLACEMENT OF UTILITIES. UTILITY EASEMENTS SHALL ALSO BE GRANTED WITHIN ANY ACCESS EASEMENTS AND PRIVATE STREETS IN THE SUBDIVISION. PERMANENT STRUCTURES, IMPROVEMENTS, OBJECTS, BUILDINGS, WELLS, WATER METERS AND OTHER OBJECTS THAT MAY INTERFERE WITH THE UTILITY FACILITIES OR USE THEREOF (INTERFERING OBJECTS) SHALL NOT BE PERMITTED WITHIN SAID UTILITY EASEMENTS AND THE UTILITY PROVIDERS, AS GRANTEES, MAY REMOVE ANY INTERFERING OBJECTS AT NO COST TO SUCH GRANTEES, INCLUDING, WITHOUT LIMITATION, VEGETATION.
- 12. 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 PROPERTY OWNERS.
- 13. STATEMENT RESTRICTING ACCESS: ACCESS RIGHTS ACROSS THE RIGHT-OF-WAY LINES OF MAJOR HIGHWAYS, PARKWAYS, STREETS OR FREEWAYS, ARE RESTRICTED WHERE REQUIRED AS A PROVISION OF APPROVAL.

CURVE TABLE					
CURVE#	RADIUS	LENGTH	DELTA	CHORD BEARING	CHORD LENGTH
C1	20.00'	31.42'	090°00'00"	S44°58'07"E	28.28'
C2	18.00'	28.27'	090°00'00"	S44°45'13"W	25.46'
C3	18.00'	28.27'	090°00'00"	S45°14'47"E	25.46'
C4	38.00'	59.88'	090°17'34"	N45°06'54"W	53.88'
C5	38.00'	59.87'	090°16'40"	N45°06'27"W	53.87'
C6	2.50'	3.93'	090°00'00"	N65°46'42"W	3.54'
C7	2.50'	4.67'	107°02'08"	N15°42'14"E	4.02'
C8	19.50'	13.24'	038°54'30"	N57°16'05"W	12.99'
C9	9.50'	13.93'	084°00'47"	S61°12'39"W	12.72'
C10	62.50'	5.88'	005°23'41"	N21°54'06"E	5.88'
C11	9.50'	7.21'	043°28'05"	N55°02'56"W	7.04'
C12	2.50'	4.07'	093°10'49"	S56°37'37"W	3.63'
C13	12.00'	7.14'	034°06'03"	S17°17'48"E	7.04'

LINE TABLE				LINE TA	BLE
LINE#	LENGTH	DIRECTION	LINE#	LENGTH	DIRECTION
L1	16.50'	N 0°01'53" E	L18	15.50'	S 69°13'18" W
L2	16.50'	N 0°01'53" E	L19	20.00'	S 13°13'02" W
L3	23.75'	S 0°14'47" E	L20	2.00'	S 76°46'58" E
L4	14.99'	S 13°13'02" W	L21	2.00'	S 76°46'58" E
L5	4.41'	S 48°46'50" E	L22	20.00'	N 13°13'02" E
L6	14.01'	N 69°13'18" E	L23	20.00'	S 6°42'05" W
L7	7.93'	S 20°46'42" E	L24	2.00'	S 83°17'55" E
L8	5.96'	N 20°46'42" W	L25	2.00'	S 83°17'55" E
L9	14.75'	N 69°13'18" E	L26	20.00'	N 6°42'05" E
L10	10.92'	N 76°46'58" W	L27	28.27'	S 89°58'07" E
L11	7.72'	N 76°46'58" W	L28	36.57'	S 89°58'07" E
L12	2.94'	S 10°02'13" W	L29	35.97'	S 89°58'07" E
L13	26.68'	S 76°46'58" E	L30	35.97'	S 89°58'07" E
L14	19.00'	S 76°46'58" E	L31	2.00'	N 0°01'53" E
L15	19.50'	N 13°13'02" E	L32	2.00'	S 0°01'53" W
L16	18.50'	S 69°13'18" W	L33	2.00'	S 0°01'53" W
L17	21.93'	N 90°00'00" W		•	

Community & Economic Development Department www.adcogov.org

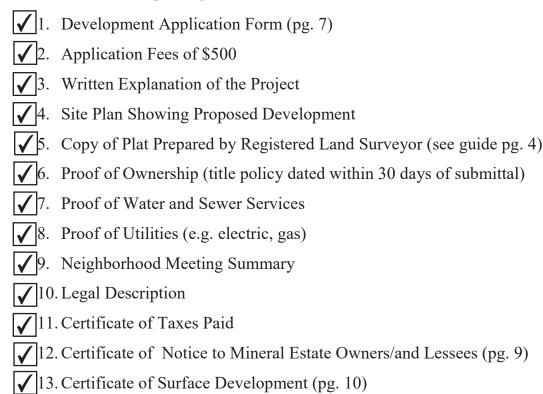


1st Floor, Suite W2000
Brighton, CO 80601-8204
PHONE 720.523.6800
FAX 720.523.6998

WAIVER FROM SUBDIVISION DESIGN STANDARDS

Application submittals must include all documents on this checklist as well as this page. Please use the reference guide (pg. 2) included in this packet for more information on each submittal item.

All submittals shall include one (1) hard copy of all documents and one (1) electronic copy with all documents combined in a single PDF. For hard copies, each document shall be labeled or tabbed with the corresponding checklist number.



Community & Economic Development Department www.adcogov.org



1st Floor, Suite W2000
Brighton, CO 80601-8204
PHONE 720.523.6800
FAX 720.523.6998

DEVELOPMENT APPLICATION FORM

Application Type	e :		
Subo	ceptual Review Preliminary PUD division, Preliminary Final PUD division, Final Rezone Correction/ Vacation Special Use	☐ Variance ☐ Condition	
PROJECT NAME	Sherrelwood Village Filing No. 2 - Waiver	for Lot Depth to	Width Ratio
APPLICANT			
Name(s):	Delwest Development Corp/Craig Fitchett	Phone #:	720-708-4065
Address:	155 S Madison St, Suite 326		
City, State, Zip:	Denver, CO 80209		
2nd Phone #:	720-276-6098	Email:	cfitchett@delwest.com
OWNER			
Name(s):	Joe DelZotto	Phone #:	720-708-4065
Address:	155 S Madison St., Suite 326		
City, State, Zip:	Denver, CO 80209		
2nd Phone #:	303-888-8048	Email:	jad@delwest.com
TECHNICAL REF	PRESENTATIVE (Consultant, Engi	neer, Survey	or, Architect, etc.)
Name:	Tom Girard	Phone #:	303-730-5976
Address:	3473 S. Broadway		
City, State, Zip:	Englewood, CO 80113		
2nd Phone #:		Email:	tgirard@liveyourcore.com

DESCRIPTION OF SITE

Address:	7840 Pecos, 7996 Pecos and 8000 Pecos				
City, State, Zip:	Denver, CO 80221				
Area (acres or square feet):	450,875 SF / 10.351 Ac				
Tax Assessor Parcel Number	7840 Pecos-017193310016; 7996 Pecos-0171933100009 and 8000 Pecos St-0171928400003				
Existing Zoning:	PUD				
Existing Land Use:	7996 Pecos - Vacant PUD; 8000 Pecos - abondoned school; 7840 Pecos PUD				
Proposed Land Use:	PUD with 47 Townhomes				
Have you attende	d a Conceptual Review? YES x				
If Yes, please list	PRE#: 201900091				
under the author pertinent requirem Fee is non-refund	at I am making this application as owner of the above described property or acting ity of the owner (attached authorization, if not owner). I am familiar with all lents, procedures, and fees of the County. I understand that the Application Review dable. All statements made on this form and additional application materials are my knowledge and belief.				
Name:	W. Craig Fitchett Date: 07/06/2021				
Name:	Owner's Printed Name Owner's Signature				



Narrative Waiver from Subdivision Design Standards Lot Depth to Width Ratio

Delwest Development Corporation is requesting a waiver from Adams County Subdivision Design, Improvements and Dedication Standards section 5-03-03-06 for lot depth to width ratio. Subdivision standards state a maximum 3:1 lot depth to width ratio. We request a waiver from this allowing a maximum of 5.2:1 lot depth to width ratio that accommodates an 87' depth to 17' width lot.

This subdivision is proposing townhome lots in which the side lot line is on the building edge and shared with the adjacent townhome. This makes it harder to achieve 3:1 depth to width ratio than a single-family lot where side setbacks are required.

As part of the Sherrelwood Village Filing No. 2 Major Subdivision, Osage Street will be extended to the north and intersect with Sherrelwood Drive which provides access to Pecos Street. Since these streets are established from offsite, there are limited options for homesites in this compact parcel of land. To take advantage of the developable land we are proposing deeper lots to better utilize the space. This creates a larger depth to width ratio than is allowed in the subdivision standards.

These deeper lots will accommodate driveways for standard sized parking, tandem garages holding 2 cars per unit, and 8' rear patios. These deeper units increase the amount of off-street parking provided and decreases the demand for street parking which serves the subdivision to a greater extent. Strict compliance with the 3:1 regulation would make it difficult for the townhomes to provide both adequate parking and the square footage necessary for families to live in these market rate townhomes. This waiver will not have the effect of nullifying the purpose of these subdivision standards and regulations.

Sincerely,

W. Craig Fitchett

Director of Acquisitions & Business Development, Delwest

Community & Economic Development Department www.adcogov.org



1st Floor, Suite W2000
Brighton, CO 80601-8204
PHONE 720.523.6800
FAX 720.523.6998

DEVELOPMENT APPLICATION FORM

Application Type	e :		
Subo	ceptual Review Preliminary PUD division, Preliminary Final PUD division, Final Rezone Correction/ Vacation Special Use	Tempora Variance Condition X Other: W	
PROJECT NAME	Sherrelwood Village Filing No. 2 - Waiver	for Double Fron	ting Lots
APPLICANT			
Name(s):	Delwest Development Corp/Craig Fitchett	Phone #:	720-708-4065
Address:	155 S Madison St, Suite 326		
City, State, Zip:	Denver, CO 80209		
2nd Phone #:	720-276-6098	Email:	cfitchett@delwest.com
OWNER			
Name(s):	Joe DelZotto	Phone #:	720-708-4065
Address:	155 S Madison St., Suite 326		
City, State, Zip:	Denver, CO 80209		
2nd Phone #:	303-888-8048	Email:	jad@delwest.com
TECHNICAL REF	PRESENTATIVE (Consultant, Engir	neer, Survey	vor, Architect, etc.)
Name:	Tom Girard	Phone #:	303-730-5976
Address:	3473 S. Broadway		
City, State, Zip:	Englewood, CO 80113		
2nd Phone #:		Email:	tgirard@liveyourcore.com

DESCRIPTION OF SITE

Address:	7840 Pecos, 7996 Pecos and 8000 Pecos				
City, State, Zip:	Denver, CO 80221				
Area (acres or square feet):	450,875 SF / 10.351 Ac				
Tax Assessor Parcel Number	7840 Pecos-017193310016; 7996 Pecos-0171933100009 and 8000 Pecos St-0171928400003				
Existing Zoning:	PUD				
Existing Land Use:	7996 Pecos - Vacant PUD; 8000 Pecos - abondoned school; 7840 Pecos PUD				
Proposed Land Use:	PUD with 47 Townhomes				
Have you attende	d a Conceptual Review? YES x NO NO				
If Yes, please list	PRE#: 201900091				
under the author pertinent requirem Fee is non-refund	at I am making this application as owner of the above described property or acting rity of the owner (attached authorization, if not owner). I am familiar with all nents, procedures, and fees of the County. I understand that the Application Review dable. All statements made on this form and additional application materials are my knowledge and belief.				
Name:	W. Craig Fitchett Date: 07/06/2021				
Name:	Owner's Printed Name Owner's Signature				



Narrative Waiver from Subdivision Design Standards Double Fronting Lots

Delwest Development Corporation is requesting a waiver from Adams County Subdivision Design, Improvements and Dedication Standards section 5-03-03-08-01 for Double Fronting Lots. Per the regulations, lots with double frontage shall be avoided. We request a waiver from this allowing for double fronting lots with a landscape buffer and fence.

As part of the Sherrelwood Village Filing No. 2 Major Subdivision, Osage Street will be extended to the north and intersect with Sherrelwood Drive which provides access to Pecos Street. Since these streets are established from offsite, there are limited options for homesites in this compact parcel of land. To take advantage of the developable land we are proposing to have lots front onto Osage Street which creates a double front condition with Pecos Street behind them.

To mitigate this double front condition, we are proposing a 6' picket fence with lattice on top for visual interest. Stone columns will also be spaced appropriately along the fence line for character. This fence will be placed 10' from the back of sidewalk along Pecos Street to create a 10' landscape buffer along the street. For reference, this same treatment was approved in Sherrelwood Village Filing No. 1 for the double fronting single family homesites. We believe a continuation of this would bring unity to the neighborhood while helping mitigate the double front condition.

Strict compliance with the Double Front regulation would make it difficult for the townhomes to provide both adequate parking and building footprint efficiency. We also believe the rear elevation of these townhomes provide more visual interest and variety of building planes than the side elevations. This waiver will not have the effect of nullifying the purpose of these subdivision standards and regulations.

Sincerely,

W. Craig Fitchett

Director of Acquisitions & Business Development, Delwest

May 27, 2021



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

To Whom It May Concern:

RE: Proposed Development at 8000 N. Pecos Street, Denver, CO 80221

Westminster Public Schools recently sold district property located at 8000 N. Pecos Street to DelWest Development Corporation in unincorporated Adams County. DelWest worked collaboratively with the District in the past when developing a previously sold property that directly adjoins the current property under consideration. The District welcomes infill development within its boundaries and, while the District takes no position on the specific plans, we believe that a community should include a wide choice of high-quality housing to meet the resident's needs. DelWest continues to demonstrate a willingness to design developments in consultation with the community and has taken affordability into consideration with its planning. This remains important to the District.

In reviewing the current proposal for 47 townhomes on the site, we have determined that the impact of the proposed development on the District would be minimal. Currently, the District has the capacity to absorb students generated by this project within its existing schools. Using an average number of students generated by housing type, based on information provided by Unique Properties, the District has conservatively calculated the following student yield:

Number of Bedrooms	Number of New Units of that Size	Average Number of School-Aged Residents Per Unit	New School-Aged Residents
3	47	x 0.153	= 8 (low end estimate)
3	47	x 0.3	= 15 (high end estimate)

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 south end of the District will provide suitable living accommodations for the citizens of the community and, in general, will have an overall positive impact on the existing neighborhood.

Sincerely,

Chief Operating Officer
Westminster Public Schools



ADAMS COUNTY FIRE RESCUE

FIRE PREVENTION BUREAU

7980 Elmwood Lane Denver, CO 80221

(303) 539-6862 / email: :fireprevention@acfpd.org

Melissa Hale 155 South Madison St Suite 326 Denver, CO 80209 720-819-1004 melissa@delwest.com

May 13, 2020

RE: 7840, 7996, and 8000 Pecos St Denver, CO 80221

Ms. Hale,

The addresses of 7840, 7996, and 8000 Pecos St Deriver, CO 80221 are within the Adams County Fire Protection District's jurisdiction and will be covered by its services. We will need to complete a site development plan review to go along with this letter. The site development plan review needs to include a full set of civil plans and an auto turn exhibit. If you have any questions regarding this location, please call 303-539-6862 and we will be able to answer your questions.

Sincerely,

Chris Wilder Fire Marshal

Adams County Fire Protection District

Gristyland Wille

SOUTHEAST QUARTER, SECTION 28 & NORTHEAST QUARTER, SECTION 33. ALL IN TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LEGAL DESCRIPTION:

A PARCEL OF LAND BEING SHERRELWOOD VILLAGE, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 AND THAT PARCEL OF LAND, AS DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2015000053449 TOGETHER WITH THAT PARCEL OF LAND, AS DESCRIBED IN THAT QUIT CLAIM DEED RECORDED IN BOOK 3254 AT PAGE 139, ALL IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN PORTIONS OF 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 ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH 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 TO 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 8.10 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 THREE (3) COURSES:

- S 76°46'55" E, A DISTANCE OF 178,58 FEET: 1.
- S 21°38'57" E, ALONG THE EAST LINES OF SAID PARCEL DESCRIBED IN BOOK 3254 AT PAGE 139 AND SHERRELWOOD VILLAGE PLAT, A DISTANCE OF 534.54 FEET;
- S 33°40'19" E, ALONG THE EAST LINE OF SAID SHERRELWOOD VILLAGE PLAT, A DISTANCE OF 83.14 FEET;

THENCE ALONG THE EAST AND SOUTH LINES OF SAID SHERRELWOOD VILLAGE PLAT, THE FOLLOWING SIX (6) COURSES:

- 1. S 14°37'52" E, A DISTANCE OF 76.07 FEET;
- N 88°03'04" E, A DISTANCE OF 39.50 FEET 2.
- S 17°49'46" E, A DISTANCE OF 104.05 FEET;
- S 55°05'47" E. A DISTANCE OF 112.26 FEET:
- S 01°01'29" E, A DISTANCE OF 259.37 FEET, TO A POINT ON THE NORTH LINE OF ELMWOOD PARK SUBDIVISION. A SUBDIVISION PLAT RECORDED AT RECEPTION NO. C0184761, SAID ADAMS COUNTY RECORDS:
- S 89°32'44" W, ALONG SAID NORTH LINE, A DISTANCE OF 611.65 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:

NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

PROJECT: 15-018

DR: J. ANTON

DATE: 11/05/2019

DS: T. GIRARD

SHEET 1 OF 4

P.M. T. GIRARD





CIVIL ENGINEERING DEVELOPMENT CONSULTING NATURAL RESOURCES LAND SURVEYING

1950 W. Littleton Bivd., Ste. 109 Littleton, CO 80120

SOUTHEAST QUARTER, SECTION 28 & NORTHEAST QUARTER, SECTION 33, ALL IN TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LEGAL DESCRIPTION CONTINUED:

THENCE N 00°01'53" E, ALONG SAID EAST LINE AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 586.62 FEET TO A POINT ON THE SOUTH LINE OF THAT PARCEL OF LAND DESCRIBED IN SAID WARRANTY DEED RECORDED AT RECEPTION NO. 2015000053449;

THENCE ALONG THE SOUTH, EAST AND NORTH LINES OF SAID PARCEL OF LAND THE FOLLOWING THREE (3) COURSES:

- S 89°30'30" W, ALONG A LINE BEING PARALLEL TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BEING 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- N 00°01'53" E, ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL TO 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;
- 3. N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL TO 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;

THENCE N 00°01'53" E, ALONG SAID EAST LINE AND ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33 A DISTANCE OF 20.00 FEET TO THE POINT OF BEGINNING.

CONTAINING AN AREA OF 450,875 SQUARE FEET OR 10.351 ACRES, MORE OR LESS.

THOMAS M. GIRARD COLORADO PLS 38151 FOR AND ON BEHALF OF CORE CONSULTANTS, INC.



NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

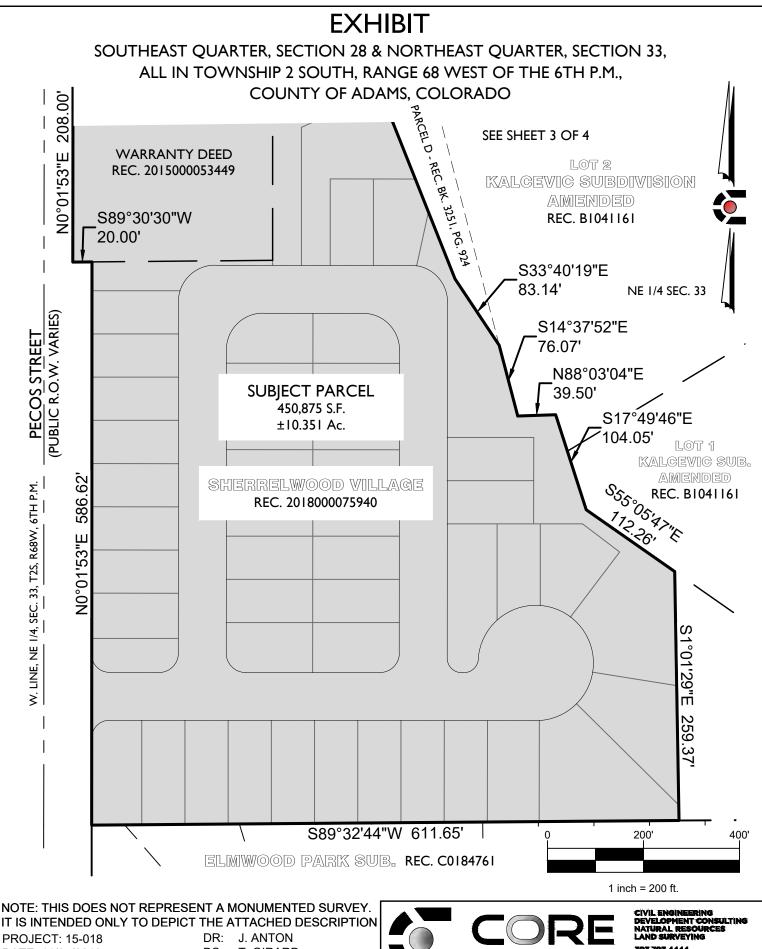
PROJECT: 15-018 DATE: 11/05/2019 SHEET 2 OF 4 DR: J. ANTON DS: T. GIRARD

P.M. T. GIRARD





EXHIBIT SOUTHEAST QUARTER, SECTION 28 & NORTHEAST QUARTER, SECTION 33, ALL IN TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO S82°41'00"E SE 1/4 SEC. 28 8.10' S76°46'55"E 178.58' 20' DEDICATED R.O.W. LOT 2 BK. 3270, PG. 279 KALGEVIC SUBDIVISION AMENDED R68W, 6TH P.M. REC. B1041161 **QUIT CLAIM DEED** (PUBLIC R.O.W. VARIES) SE 1/4, SEC. 28, T2S, **BOOK 3254, PAGE 139** PECOS STREET NE COR. SEC 33, POINT OF COMMENCEMENT FND. 3-1/4" ALUM. CAP N 1/4 COR. SEC 33, STAMPED "PLS 7276" FND. 3-1/4" ALUM. CAP **STAMPED "PLS 23519"** BASIS OF BEARINGS POINT OF BEGINNING N 89°30'30" E N. LINE, NE 1/4, SEC. 33. N0°01'53"E T2S, R68W, 6TH P.M. N89°30'30"E 20.00' 50.00' SUBJECT PARCEL N89°30'30"E 208.00 LOT 2 450,875 S.F. 20.00' KALCEVIC ±10.351 Ac. LINE, NE 1/4, SEC. 33, T2S, R68W, 6TH P.M. SUBDIVISION WARRANTY DEED AMENDED N0°01'53"E REC. 2015000053449 REC. B1041161 NE 1/4 SEC. 33 S89°30'30"W 20.00' S33°40'19"E 83.14' S14°37'52"E ş. 76.07' SHERRELWOOD VILLAGE REC. 2018000075940 N88°03'04"E 200' 100' 39.50' SEE SHEET 4 OF 4 1 inch = 100 ft. NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. CIVIL ENGINEERING DEVELOPMENT CONSULTING NATURAL RESOURCES IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION DR: J. ANTON PROJECT: 15-018 DATE: 11/05/2019 DS: T. GIRARD 1950 W. Littleton Bi Littleton, CO 80120 SHEET 3 OF 4 P.M. T. GIRARD



DATE: 11/05/2019 DS: T. GIRARD SHEET 4 OF 4 P.M. T. GIRARD



1950 W. Littleton Bi Littleton, CO 80120

SOUTHEAST QUARTER, SECTION 28 & NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LEGAL DESCRIPTION:

A PARCEL OF LAND BEING TRACTS B & D, LOTS 1 THROUGH 4, BLOCK 1, AND A PORTION OF LOT 8, BLOCK 2, SHERRELWOOD VILLAGE, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 TOGETHER WITH THAT PARCEL OF LAND DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000073502 AND THAT PARCEL OF LAND 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, 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 ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH 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, ALSO BEING THE NORTHWEST CORNER OF SAID SHERRELWOOD VILLAGE PLAT AND THE SOUTHWEST CORNER OF THAT PARCEL OF LAND DESCRIBED IN SAID DEED, RECEPTION NO. 2019000075343 AND THE POINT OF BEGINNING;

THENCE N 00°14'47" W, ALONG THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY, AND THE WEST LINE OF SAID DEED, RECEPTION NO. 2019000075343, ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28, A DISTANCE OF 293.01 FEET TO THE NORTHWEST CORNER OF SAID DEED, RECEPTION NO. 2019000075343;

THENCE S 82°41'00" E, CONTINUING ALONG THE PECOS STREET ROW AND THE NORTH LINE OF SAID DEED, A DISTANCE OF 8.10 FEET TO A POINT ON THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY AND THE WEST CORNER OF PARCEL D, AS DESCRIBED IN THAT QUIT CLAIM DEED RECORDED IN BOOK 3251 AT PAGE 924. SAID COUNTY RECORDS:

THENCE ALONG THE SOUTH AND WEST LINES OF SAID PARCEL D THE FOLLOWING THREE (3) COURSES:

- 1. S 76°46'55" E, A DISTANCE OF 178.58 FEET;
- S 21°38'59" E, ALONG THE EAST LINES OF SAID DEED, RECEPTION NO. 2019000075343 AND THE EAST LINE OF SAID SHERRELWOOD VILLAGE PLAT, A DISTANCE OF 459.50 FEET TO THE EAST CORNER OF LOT 4, BLOCK 1;

THENCE S 12°19'21" W, ALONG THE SOUTHEAST LINE OF SAID LOT 4, BLOCK 1, A DISTANCE OF 57.53 FEET TO A POINT ON THE NORTH LINE OF WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT AND A POINT OF NON-TANGENT CURVATURE:

THENCE ALONG THE NORTH LINE OF THE WEST 79TH WAY RIGHT-OF-WAY THE FOLLOWING THREE (3) COURSES:

1. 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 6.01 FEET;

NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY.

IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

PROJECT: 15-018 DR: J. ANTON
DATE: 05/05/2020 DS: T. GIRARD
SHEET 1 OF 4 P.M. T. GIRARD



SOUTHEAST QUARTER, SECTION 28 & NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LEGAL DESCRIPTION CONTINUED:

- 2. N 89°58'07" W, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE;
- 3. 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;

THENCE N 00°01'53" E, A DISTANCE OF 11.47 FEET TO A POINT ON THE SOUTH LINE OF SAID TRACT B, SHERRELWOOD VILLAGE;

THENCE ALONG THE SOUTH AND WEST LINES OF SAID TRACT B THE FOLLOWING TWO (2) COURSES:

- 1. N 89°58'07" W, A DISTANCE OF 90.00 FEET TO A POINT ON THE WEST LINE OF SAID SHERRELWOOD VILLAGE PLAT, ALSO BEING THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY;
- 2. N 00°01'53" E, ALONG SAID WEST LINE, A DISTANCE OF 30.01 FEET TO A POINT ON THE SOUTH LINE OF THAT PARCEL OF LAND DESCRIBED IN SAID DEED RECORDED AT RECEPTION NO. 2019000073502;

THENCE ALONG THE SOUTH, EAST AND NORTH LINES OF SAID DEED, ALSO BEING THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY THE FOLLOWING THREE (3) COURSES:

- 1. S 89°30'30" W, ALONG A LINE BEING PARALLEL TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BEING 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- 2. N 00°01'53" E, ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL TO 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;
- 3. N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT ON THE WEST LINE OF SAID SHERRELWOOD VILLAGE PLAT, ALSO BEING THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT, BEING 50.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;

THENCE N $00^{\circ}01'53$ " E, ALONG SAID EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, BEING 50.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO THE NORTHWEST CORNER OF SAID SHERRELWOOD VILLAGE PLAT, AND THE POINT OF BEGINNING.

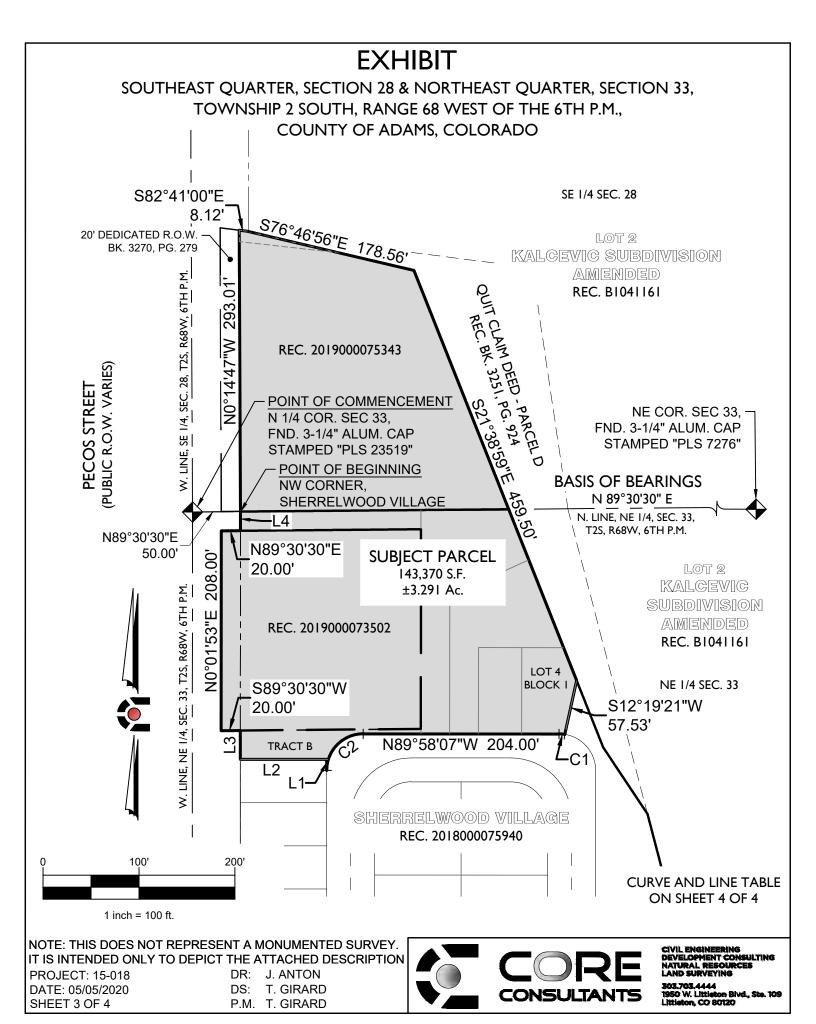
CONTAINING AN AREA OF 143,370 SQUARE FEET OR 3.291 ACRES, MORE OR LESS.

THOMAS M. GIRARD COLORADO PLS 38151 FOR AND ON BEHALF OF CORE CONSULTANTS, INC. 98151 38151 5/8/2020.

NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

PROJECT: 15-018 DR: J. ANTON
DATE: 05/05/2020 DS: T. GIRARD
SHEET 2 OF 4 P.M. T. GIRARD





SOUTHEAST QUARTER, SECTION 28 & NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LINE TABLE					
LINE#	LENGTH	DIRECTION			
L1	11.47'	N 0°01'53" E			
L2	90.00'	N 89°58'07" W			
L3	30.01'	N 0°01'53" E			
L4	20.00'	N 0°01'53" E			

CURVE TABLE					
CURVE#	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C1	6.02'	38.00'	9°04'20"	N85°25'57"W	6.01'
C2	59.69'	38.00'	90°00'00"	S45°01'53"W	53.74'

NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

 PROJECT: 15-018
 DR:
 J. ANTON

 DATE: 05/05/2020
 DS:
 T. GIRARD

 SHEET 4 OF 4
 P.M. T. GIRARD



CIVIL ENGINEERING DEVELOPMENT CONSULTING NATURAL RESOURCES LAND SURVEYING

303,703,4444 1950 W. Littleton Blvd., Ste. 109 Littleton, CO 80120

NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LEGAL DESCRIPTION:

A PARCEL OF LAND BEING TRACTS B & D, LOTS 1 THROUGH 4, BLOCK 1, AND A PORTION OF LOT 8, BLOCK 2, SHERRELWOOD VILLAGE, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN THE NORTHEAST QUARTER OF SECTION 33, 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 ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH 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, ALSO BEING THE NORTHWEST CORNER OF SAID SHERRELWOOD VILLAGE PLAT AND THE POINT OF BEGINNING:

THENCE ALONG THE NORTH AND EAST LINES OF SAID SHERRELWOOD VILLAGE PLAT, THE FOLLOWING TWO (2) COURSES:

- 1. N 89°30'30" E, A DISTANCE OF 279.36 FEET;
- 2. S 21°38'59" E, A DISTANCE OF 191.87 FEET TO THE EAST CORNER OF LOT 4, BLOCK 1;

THENCE S 12°19'21" W, ALONG THE SOUTHEAST LINE OF SAID LOT 4, BLOCK 1, A DISTANCE OF 57.53 FEET TO A POINT ON THE NORTH LINE OF WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT AND A POINT OF NON-TANGENT CURVATURE:

THENCE ALONG THE NORTH LINE OF SAID WEST 79TH WAY RIGHT-OF-WAY THE FOLLOWING THREE (3) COURSES:

- 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 6.01 FEET;
- N 89°58'07" W, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE;
- 3. 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 TO A POINT ON THE WEST LINE OF SAID LOT 8;

THENCE N 00°01'53" E, A DISTANCE OF 11.47 FEET TO A POINT ON THE SOUTH LINE OF SAID TRACT B; THENCE ALONG THE SOUTH AND WEST LINES OF SAID TRACT B THE FOLLOWING TWO (2) COURSES:

- N 89°58'07" W, A DISTANCE OF 90.00 FEET TO A POINT ON THE WEST LINE OF SAID SHERRELWOOD VILLAGE PLAT, ALSO BEING THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT;
- 2. 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;

NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY.
IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

PROJECT: 15-018 DR: J. ANTON
DATE: 05/05/2020 DS: T. GIRARD
SHEET 1 OF 3 P.M. T. GIRARD



NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LEGAL DESCRIPTION CONTINUED:

THENCE ALONG THE SOUTH, EAST AND NORTH LINES OF SAID PARCEL OF LAND,, THE FOLLOWING THREE (3) COURSES:

- N 89°30'30" E, ALONG A LINE BEING PARALLEL TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 188.00 FEET TO A POINT ON THE WEST LINE OF LOT 1, BLOCK 1 SAID SHERRELWOOD VILLAGE PLAT;
- 2. N 00°01'53" E, ALONG SAID WEST LINE, A DISTANCE OF 208.00 FEET TO THE SOUTHEAST CORNER OF SAID TRACT D;
- 3. S 89°30'30" W, ALONG THE SOUTH LINE OF SAID TRACT D, A DISTANCE OF 188.00 FEET TO A POINT ON THE WEST LINE OF SAID SHERRELWOOD VILLAGE PLAT, AND THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY, BEING 50.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33:

THENCE N 00°01'53" E, ALONG SAID EAST LINE, BEING 50.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO THE NORTHWEST CORNER OF SAID SHERRELWOOD VILLAGE PLAT, AND THE POINT OF BEGINNING.

CONTAINING AN AREA OF 38,549 SQUARE FEET OR 0.885 ACRES, MORE OR LESS.

THOMAS M. GIRARD COLORADO PLS 38151 FOR AND ON BEHALF OF CORE CONSULTANTS, INC.



NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

PROJECT: 15-018 DR: J. ANTON
DATE: 05/05/2020 DS: T. GIRARD
SHEET 2 OF 3 P.M. T. GIRARD



n. CO 80120

EXHIBIT NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO SE 1/4 SEC. 28 POINT OF COMMENCEMENT N 1/4 COR. SEC 33, REC. 2019000075343 FND. 3-1/4" ALUM. CAP NE COR. SEC 33, STAMPED "PLS 23519" FND. 3-1/4" ALUM. CAP BASIS OF BEARINGS STAMPED "PLS 7276" POINT OF BEGINNING N. LINE, NE 1/4, SEC. 33 **NW CORNER** N 89°30'30" E SHERRELWOOD VILLAGE N89°30'30"E 279.36' TRACT D N89°30'30"E (1)50.00' S89°30'30"W 188.00' LOT I N0°01'53"E 20.00 SUBJECT PARCEL 38.549 S.F. T2S, R68W, 6TH P.M. ±0.885 Ac. NE 1/4 SEC. 33 PUBLIC R.O.W. VARIES) LOT 2 PECOS STREET SHERRELWOOD VILLAGE REC. 2019000073502 REC. 2018000075940 W. LINE, NE 1/4, SEC. 33, LOT 3 LOT 4 N89°30'30"E 188.00' N89°58'07"W 204.00' N0°01'53"E TRACT B W. 79TH WAY 30.01' N89°58'07"W (50' PUBLIC R.O.W.) 90.00' N0°01'53"E SHERRELWOOD VILLAGE 11.47' REC. 2018000075940 **CURVE TABLE** 60' 120' CURVE# LENGTH **RADIUS DELTA CHORD BEARING CHORD LENGTH** 6.02' 38.00 9°04'20" C1 N85°25'57"W 6.01' 1 inch = 60 ft. C2 59.69 38.00 90°00'00" S45°01'53"W 53.74' NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY.

IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

PROJECT: 15-018 DR: J. ANTON DATE: 05/05/2020 DS: T. GIRARD SHEET 3 OF 3 P.M. T. GIRARD



littleton CO 80120

NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LEGAL DESCRIPTION:

A PARCEL OF LAND BEING A PORTION OF SHERRELWOOD VILLAGE, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN THE NORTHEAST QUARTER OF SECTION 33, 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 ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH ALUMINUM CAP, STAMPED "PLS 7276", WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 33, THENCE S 10°57'17" E, A DISTANCE OF 262.37 FEET TO THE NORTHWEST CORNER OF LOT 8, BLOCK 2, SAID SHERRELWOOD VILLAGE PLAT AND THE POINT OF BEGINNING;

THENCE S 89°58'07" E, ALONG THE NORTH LINE OF SAID LOT 8, A DISTANCE OF 90.00 FEET;

THENCE S 00°01'53" W, A DISTANCE OF 11.47 FEET TO A POINT ON THE WEST LINE OF THE OSAGE STREET RIGHT-OF-WAY AND A POINT OF NON-TANGENT CURVATURE:

THENCE ALONG THE WEST LINE OF THE OSAGE STREET RIGHT-OF-WAY AND ALONG THE NORTH LINE OF THE WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT, THE FOLLOWING THREE (3) COURSES:

- ALONG THE ARC OF A NON-TANGENT CURVE TO THE RIGHT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 90°00'00" AND AN ARC LENGTH OF 59.69 FEET, THE CHORD OF WHICH BEARS N 45°01'53" E, A DISTANCE OF 53.74 FEET.
- 2. S 89°58'07" E, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE;
- 3. ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 38.00 FEET, A CENTRAL ANGLE OF 09°04'20" AND AN ARC LENGTH OF 6.02 FEET TO THE SOUTHEAST CORNER OF LOT 4, BLOCK 1, SAID SHERRELWOOD VILLAGE PLAT;

THENCE N 12°19'21" E, ALONG THE SOUTHEAST LINE OF SAID LOT 4, A DISTANCE OF 57.53 FEET TO A POINT ON THE EAST LINE SAID SHERRELWOOD VILLAGE PLAT;

THENCE ALONG THE EAST, SOUTH AND WEST LINES OF SAID SHERRELWOOD VILLAGE PLAT, THE FOLLOWING NINE (9) COURSES:

- 1. S 21°38'59" E, A DISTANCE OF 75.05 FEET;
- 2. S 33°40'19" E, A DISTANCE OF 83.13 FEET;
- 3. S 14°37'52" E, A DISTANCE OF 76.08 FEET;
- 4. N 88°03'04" E, A DISTANCE OF 39.50 FEET;
- 5. S 01°01'29" E, A DISTANCE OF 259.37 FEET TO A POINT ON THE NORTH LINE OF THE ELMWOOD PARK SUBDIVISION, RECORDED AT RECEPTION NO. C0184761, SAID COUNTY RECORDS;
- 6. S 89°32'44" W, ALONG SAID NORTH LINE, A DISTANCE OF 611.65 FEET TO THE SOUTHWEST CORNER OF SAID SHERRELWOOD VILLAGE PLAT, AND 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 556.60 FEET TO THE POINT OF BEGINNING.

CONTAINING AN AREA OF 307,507 SQUARE FEET OR 7.059 ACRES, MORE OR LESS.

THOMAS M. GIRARD COLORADO PLS 38151 FOR AND ON BEHALF OF CORE CONSULTANTS, INC.

NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

PROJECT: 15-018 DR: J. ANTON
DATE: 05/05/2020 DS: T. GIRARD
SHEET 1 OF 3 P.M. T. GIRARD

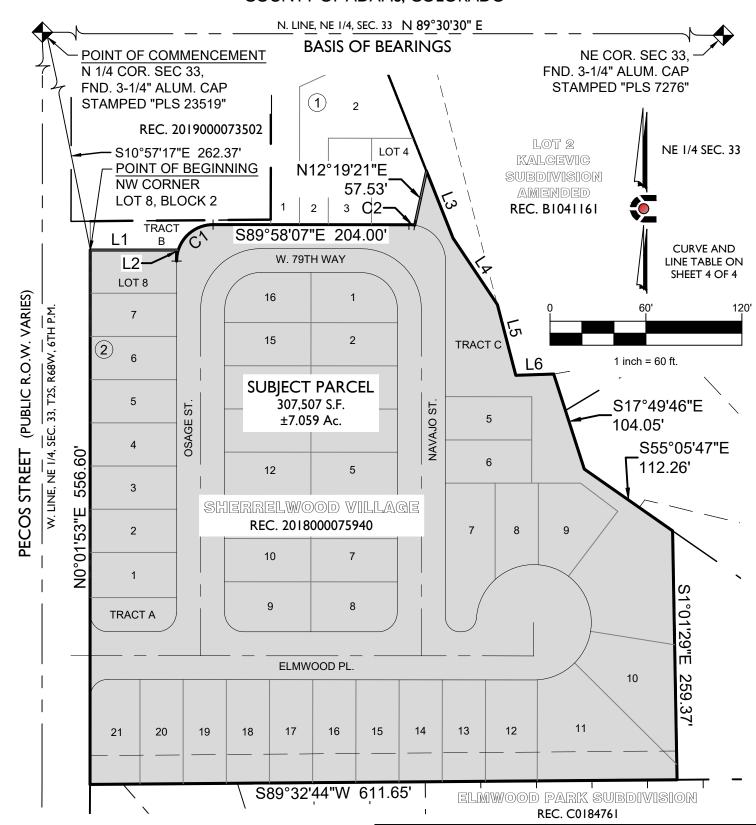


DEVELOPMENT CONSULTING NATURAL RESOURCES LAND SURVEYING 303.703.4444

WAL LANV

303.703.4444 1950 W. Littleton Bivd., Ste. 109 Littleton. CO 80120

NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO



NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

 PROJECT: 15-018
 DR:
 J. ANTON

 DATE: 05/05/2020
 DS:
 T. GIRARD

 SHEET 2 OF 3
 P.M. T. GIRARD



CIVIL ENGINEERING DEVELOPMENT CONSULTING NATURAL RESOURCES LAND SURVEYING

303.703.4444 1950 W. Littleton Bivd., Ste. 109 Littleton, CO 80120

NORTHEAST QUARTER, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, COLORADO

LINE TABLE					
LINE#	LENGTH	DIRECTION			
L1	90.00'	S 89°58'07" E			
L2	11.47'	S 0°01'53" W			
L3	75.05'	S 21°38'59" E			
L4	83.13'	S 33°40'19" E			
L5	76.08'	S 14°37'52" E			
L6	39.50'	N 88°03'04" E			

CURVE TABLE					
CURVE # LENGTH RADIUS DELTA CHORD BEARING CHORD LENGTH					
C1	59.69'	38.00'	90°00'00"	N45°01'53"E	53.74'
C2	6.02'	38.00'	9°04'20"	S85°25'57"E	6.01'

NOTE: THIS DOES NOT REPRESENT A MONUMENTED SURVEY. IT IS INTENDED ONLY TO DEPICT THE ATTACHED DESCRIPTION

PROJECT: 15-018 DR: J. ANTON
DATE: 05/05/2020 DS: T. GIRARD
SHEET 3 OF 3 P.M. T. GIRARD





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: RND70700124-3 Date: 05/14/2021

Property Address: 7996 AND 8000 PECOS STREET AND 7957 OSAGE, DENVER, CO 80221

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

For Closing Assistance For Title Assistance

SANDY JOHNSON

5975 GREENWOOD PLAZA BLVD GREENWOOD VILLAGE, CO 80111

(303) 850-4126 (Work) **sajohnson@ltgc.com**

Agent for Seller

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: RND70700124-3 Date: 05/14/2021

Property Address: 7996 AND 8000 PECOS STREET AND 7957 OSAGE, DENVER, CO 80221

Parties: DELWEST DEVELOPMENT CORP., A COLORADO CORPORATION

DELWEST DEVELOPMENT CORP, A COLORADO CORPORATION, AS TO THAT PORTION OF LAND DESCRIBED IN WARRANTY DEEDS RECORDED SEPTEMBER 5, 2019 UNDER RECEPTION NO. 2019000073502 AND SEPTEMBER 10, 2019 UNDER RECEPTION NO. 2019000075343 AND ELMWOOD POINTE LLC, A COLORADO LIMITED LIABILITY COMPANY, AS TO THAT PORTION OF LAND DESCRIBED IN QUIT CLAIM DEED RECORDED JUNE 10, 2019 UNDER RECEPTION NO. 2019000044105 AND SHIRLEY DUNOMES, AS TO THAT PORTION OF LAND DESCRIBED IN WARRANTY DEED RECORDED MARCH 31, 2020 UNDER RECEPTION NO. 2020000029034 AND 7840 PECOS INVESTMENTS LLC, A COLORADO LIMITED LIABILITY COMPANY, AS TO THAT PORTION OF LAND DESCRIBED IN SPECIAL WARRANTY DEED RECORDED DECEMBER 16, 2018 UNDER RECEPTION NO. 20150000104930

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

visit Land Title's Website at <u>www.ttgc.com</u> for directions to any of our offices.				
Estimate of Title insurance Fees				
"TBD" Commitment	\$423.00			
RESEARCH INCOME-COMML	\$270.00			
TBD - TBD Income	\$-693.00			
	Total \$0.00			
If Land Title Guarantee Company will be closing this transaction, the fees listed above will be collected at closing.				
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 12/16/2015 under reception no.

20150000104930

Adams county recorded 03/31/2020 under reception no. 2020000029031

Plat Map(s):				
Adams county recorded 09/18/2018 under reception no. 2018000075940				

Old Republic National Title Insurance Company

Schedule A

Order Number: RND70700124-3

Property Address:

7996 AND 8000 PECOS STREET AND 7957 OSAGE, DENVER, CO 80221

1. Effective Date:

05/07/2021 at 5:00 P.M.

2. Policy to be Issued and Proposed Insured:

"TBD" Commitment \$0.00

Proposed Insured:

DELWEST DEVELOPMENT CORP., A COLORADO

CORPORATION

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:

DELWEST DEVELOPMENT CORP, A COLORADO CORPORATION, AS TO THAT PORTION OF LAND DESCRIBED IN WARRANTY DEEDS RECORDED SEPTEMBER 5, 2019 UNDER RECEPTION NO. 2019000073502 AND SEPTEMBER 10, 2019 UNDER RECEPTION NO. 2019000075343 AND ELMWOOD POINTE LLC, A COLORADO LIMITED LIABILITY COMPANY, AS TO THAT PORTION OF LAND DESCRIBED IN QUIT CLAIM DEED RECORDED JUNE 10, 2019 UNDER RECEPTION NO. 2019000044105 AND SHIRLEY DUNOMES, AS TO THAT PORTION OF LAND DESCRIBED IN WARRANTY DEED RECORDED MARCH 31, 2020 UNDER RECEPTION NO. 2020000029034 AND 7840 PECOS INVESTMENTS LLC, A COLORADO LIMITED LIABILITY COMPANY, AS TO THAT PORTION OF LAND DESCRIBED IN SPECIAL WARRANTY DEED RECORDED DECEMBER 16, 2018 UNDER RECEPTION NO. 20150000104930

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

A PARCEL OF LAND BEING TRACTS B & D, LOTS 1 THROUGH 4, BLOCK 1 AND A PORTION OF LOT 8, BLOCK 2, SHERRELWOOD VILLAGE, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940 TOGETHER WITH THAT PARCEL OF LAND DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000073502 AND THAT PARCEL OF LAND DESCRIBED IN THAT WARRANTY DEED RECORDED AT RECEPTION NO. 2019000075343, ALL IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WTHIN THE SOUTHEAST QUARTER OF SECTION 28 AND THE NORTHEAST QUARTER OF SECTION 33, 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 PRINCIPAL MERIDIAN, 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 ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH ALUMINUM CAP STAMPED "PLS 7276", WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

COMMENCING AT THE NORTH QUARTER 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, ALSO BEING

Old Republic National Title Insurance Company

Schedule A

Order Number: RND70700124-3

THE NORTHWEST CORNER OF SAID SHERRELWOOD VILLAGE PLAT AND THE SOUTHWEST CORNER OF THAT PARCEL OF LAND DESCRIBED IN SAID DEED, RECEPTION NO. 2019000075343 AND THE POINT OF BEGINNING:

THENCE N 00°14'47" W, ALONG THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY, AND THE WEST LINE OF SAID DEED, RECEPTION NO. 2019000075343, ALONG A LINE BEING 50.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28, A DISTANCE OF 293.01 FEET TO THE NORTHWEST CORNER OF SAID DEED, RECEPTION NO. 2019000075343; THENCE S 82°41'00" E, CONTINUING ALONG THE PECOS STREET RIGHT-OF-WAY AND THE NORTH LINE OF SAID DEED, A DISTANCE OF 8.10 FEET TO A POINT ON THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY AND THE WEST CORNER OF PARCEL D, AS DESCRIBED IN THAT QUIT CLAIM DEED RECORDED IN BOOK 3251 AT PAGE 924, SAID COUNTY RECORDS;

THENCE ALONG THE SOUTH AND WEST LINES OF SAID PARCEL D THE FOLLOWING THREE (3) COURSES:

- 1. S 76°46'55" E, A DISTANCE OF 178.58 FEET;
- 2. S 21°38'59" E, ALONG THE EAST LINES OF SAID DEED, RECEPTION NO. 2019000075343 AND THE EAST LINE OF SAID SHERRELWOOD VILLAGE PLAT, A DISTANCE OF 459.50 FEET TO THE EAST CORNER OF LOT 4, BLOCK 1;

THENCE S 12°19'21" W, ALONG THE SOUTHEAST LINE OF SAID LOT 4, BLOCK 1, A DISTANCE OF 57.53 FEET TO A POINT ON THE NORTH LINE OF WEST 79TH WAY RIGHT-OF-WAY, AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT AND A POINT OF NON-TANGENT CURVATURE:

THENCE ALONG THE NORTH LINE OF THE WEST 79TH WAY RIGHT-OF-WAY THE FOLLOWING THREE (3) COURSES:

- 1. 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°27'57" W, A DISTANCE OF 6.01 FEET;
- 2. N 89°58'07" W, A DISTANCE OF 204.00 FEET TO A POINT OF CURVATURE;
- 3. 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 LENGTHOF 59.69 FEET;

THENCE N 00°01'53" E, A DISTANCE OF 11.47 FEET TO A POINT ON THE SOUTH LINE OF SAID TRACT B, SHERRELWOOD VILLAGE;

- THENCE ALONG THE SOUTH AND WEST LINES OF SAID TRACT B THE FOLLOWING TWO (2) COURSES: 1. N 89°58'07" W, A DISTANCE OF 90.00 FEET TO A POINT ON THE WEST LINE OF SAID SHERRELWOOD VILLAGE PLAT, ALSO BEING THE EAST LINE OF SAID PECOS STREET RIGHT-OF-WAY;
- 2. N 00°01'53" E, ALONG SAID WEST LINE, A DISTANCE OF 30.01 FEET TO A POINT ON THE SOUTH LINE OF THAT PARCEL OF LAND DESCRIBED IN SAID DEED RECORDED AT RECEPTION NO. 2019000073502; THENCE ALONG THE SOUTH, EAST AND NORTH LINES OF SAID DEED, ALSO BEING THE SOUTH LINE OF THE PECOS STREET RIGHT-OF-WAY THE FOLLOWING THREE (3) COURSES:
- 1. S 89°30'30" W, ALONG A LINE BEING PARALLEL TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 20.00 FEET TO A POINT BEING 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;
- 2. N 00°01'53" E, ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL TO 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;
- 3. N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF OF 20.00 FEET TO A POINT ON THE WEST LINE OF SAID SHERRELWOOD VILLAGE PLAT, ALSO BEING THE EAST LINE OF THE PECOS STREET RIGHT-OF-WAY AS DEDICATED BY SAID SHERRELWOOD VILLAGE PLAT, BEING 50.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33;

THENCE N 00°01'53" E, ALONG SAID EAST LINE OF THE PECOS STREET RIGHT-OF-WAY, BEING 50.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION

Old Republic National Title Insurance Company

Schedule A

Order Number: RND70700124-3

33, A DISTANCE OF 20.00 FEET TO THE NORTHWEST CORNER OF SAID SHERRELWOOD VILLAGE PLAT, AND THE POINT OF BEGINNING.

LEGAL DESCRIPTION PREPARED BY: THOMAS M GIRARAD COLORADO PLS 38151 FOR AND ON BEHALF OF CORE CONSULTANTS, INC. 1950 W LITTLETON BLVD., STE. 109 LITTLETON, CO 80120

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

Order Number: RND70700124-3

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.

THIS COMMITMENT IS FOR INFORMATION ONLY, AND NO POLICY WILL BE ISSUED PURSUANT HERETO.

Old Republic National Title Insurance Company

Schedule B, Part II

(Exceptions)

Order Number: RND70700124-3

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.

- 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 AT RECEPTION NO. 2018000066629.

Old Republic National Title Insurance Company Schedule B, Part II

(Exceptions)

Order Number: RND70700124-3

- 15. TERMS, CONDITIONS AND PROVISIONS OF RESOLUTION 20108-534 RECORDED AUGUST 16, 2018 AT RECEPTION NO. 2018000066681.
- 16. TERMS, CONDITIONS AND PROVISIONS OF PERMANENT DRAINAGE EASEMENT RECORDED SEPTEMBER 06, 2018 AT 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 AT 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.
- 21. TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS AS SET FORTH IN LIMITED AMENDMENT TO THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR ELMWOOD ESTATES (A PLANNED COMMUNITY) RECORDED MAY 07, 2020 UNDER RECEPTION NO. 2020000041819.
- 22. DEED OF TRUST, ASSIGNMENT OF LEASES AND RENTS, SECURITY AGREEMENT AND FIXTURE FILING, FROM ELMWOOD POINTE, LLC, A COLORADO LIMITED LIABILITY COMPANY TO THE PUBLIC TRUSTEE OF ADAMS COUNTY, COLORADO FOR THE USE OF MIDFIRST BANK, A FEDERALLLY CHARTERED SAVINGS ASSOCIATION AND ITS SUCCESSORS AND ASSIGNS TO SECURE THE SUM OF \$12,202,280.00 RECORDED JUNE 10, 2019, UNDER RECEPTION NO. 2019000044106.
- 23. DEED OF TRUST TO THE PUBLIC TRUSTEE, SECURITY AGREEMENT, AND FINANCING STATEMENT DATED DECEMBER 26, 2019, FROM DELWEST DEVELOPMENT CORP., A COLORADO CORPORATION TO THE PUBLIC TRUSTEE OF ADAMS COUNTY, COLORADO FOR THE USE OF MERCY LOAN FUND, A A COLORADO NON-PROFIT CORPORATION TO SECURE THE SUM OF \$1,250,000.00 RECORDED DECEMBER 30, 2019, UNDER RECEPTION NO. 2019000114918.

Old Republic National Title Insurance Company Schedule B, Part II

(Exceptions)

Order Number: RND70700124-3

- 24. 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, AND ANY OTHER AMOUNTS PAYABLE UNDER THE TERMS THEREOF, RECORDED MARCH 31, 2020, UNDER RECEPTION NO. 2020000029032.
- 25. 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.



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



OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY

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

Secretary

Senior Vice President

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by Land Title Insurance Corporation. 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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Old Republic National Title Insurance Company Schedule B, Part II

(Exceptions)

Order Number: RND70700124

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 AT RECEPTION NO. 2018000066629.

Old Republic National Title Insurance Company Schedule B, Part II

(Exceptions)

Order Number: RND70700124

- 15. TERMS, CONDITIONS AND PROVISIONS OF RESOLUTION 20108-534 RECORDED AUGUST 16, 2018 AT RECEPTION NO. 2018000066681.
- 16. TERMS, CONDITIONS AND PROVISIONS OF PERMANENT DRAINAGE EASEMENT RECORDED SEPTEMBER 06, 2018 AT 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 AT 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.
- 21. TERMS, CONDITIONS, PROVISIONS, BURDENS AND OBLIGATIONS AS SET FORTH IN LIMITED AMENDMENT TO THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR ELMWOOD ESTATES (A PLANNED COMMUNITY) RECORDED MAY 07, 2020 UNDER RECEPTION NO. 2020000041819.
- 22. DEED OF TRUST, ASSIGNMENT OF LEASES AND RENTS, SECURITY AGREEMENT AND FIXTURE FILING, FROM ELMWOOD POINTE, LLC, A COLORADO LIMITED LIABILITY COMPANY TO THE PUBLIC TRUSTEE OF ADAMS COUNTY, COLORADO FOR THE USE OF MIDFIRST BANK, A FEDERALLLY CHARTERED SAVINGS ASSOCIATION AND ITS SUCCESSORS AND ASSIGNS TO SECURE THE SUM OF \$12,202,280.00 RECORDED JUNE 10, 2019, UNDER RECEPTION NO. 2019000044106.
- 23. DEED OF TRUST TO THE PUBLIC TRUSTEE, SECURITY AGREEMENT, AND FINANCING STATEMENT DATED DECEMBER 26, 2019, FROM DELWEST DEVELOPMENT CORP., A COLORADO CORPORATION TO THE PUBLIC TRUSTEE OF ADAMS COUNTY, COLORADO FOR THE USE OF MERCY LOAN FUND, A A COLORADO NON-PROFIT CORPORATION TO SECURE THE SUM OF \$1,250,000.00 RECORDED DECEMBER 30, 2019, UNDER RECEPTION NO. 2019000114918.

Old Republic National Title Insurance Company Schedule B, Part II (Exceptions) Order Number: RND70700124 24. 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, AND ANY OTHER AMOUNTS PAYABLE UNDER THE TERMS THEREOF, RECORDED MARCH 31, 2020, UNDER RECEPTION NO. 2020000029032.



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.



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 Corporation

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
- (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



OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY

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

David Wold Secre

Senior Vice President

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by Land Title Insurance Corporation. 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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Stewart Title Guaranty Company Commercial Services (Denver) 55 Madison Street, Suite 400 Denver, CO 80206

Date: May 28, 2021 **File Number:** 21000310549

Property: Sherrlwood Village Plat Correction 1, CO

Please direct all Title inquiries to:

Darrick Fehringer

Phone: (303) 780-4050

Email Address: darrick.fehringer@stewart.com

REQUESTED BY: OWNERS:

Terracina Design

Elmwood North LLC, a Colorado limited liability company,
7840 Pecos Investments LLC, a Colorado limited liability

company

Shirley Dunomes

ATTACHED PLEASE FIND THE FOLLOWING:

Linked Informational Commitment



ALTA COMMITMENT FOR TITLE INSURANCE

ISSUED BY STEWART TITLE GUARANTY 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, STEWART TITLE GUARANTY COMPANY, a Texas 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 six months after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

Countersigned by:

Stewart Title Guaranty Company 55 Madison Street, Suite 400

Authorized Countersignature

Denver, CO 80206 (303) 331-0333 Agent ID: 06J050 1908

TEXAS

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TEXAS

TEXAS

Frederick H. Eppinger President and CEO

> David Hisey Secretary

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, this 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;
 - (f) Schedule B, Part II Exceptions; and
 - (g) a countersignature 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.

STEWART TITLE GUARANTY COMPANY

All notices required to be given the Company and any statement in writing required to be furnished the Company shall be addressed to it at P.O. Box 2029, Houston, Texas 77252-2029.



ISSUED BY STEWART TITLE GUARANTY COMPANY

Transaction Identification Data for reference only:

Issuing Agent: Stewart Title Guaranty Company

Issuing Office: 55 Madison Street, Suite 400, Denver, CO 80206

Issuing Office's ALTA® Registry ID: 1027978 Loan ID Number: N/A

Commitment Number: 21000310549 Issuing Office File Number: 21000310549

Property Address: Sherrlwood Village Plat Correction 1, CO

Revision Number:

1. Commitment Date: May 21, 2021 at 5:30 P.M.

2. Policy to be issued:

(a) ALTA Owner's Policy

(b) ALTA Loan Policy

3. The estate or interest in the Land described or referred to in this Commitment is:

Fee Simple

4. The Title is, at the Commitment Date, vested in:

Elmwood North LLC, a Colorado limited liability company, as to Parcel I, 7840 Pecos Investments LLC, a Colorado limited liability company, as to Parcel II, Shirley Dunomes, as to Parcel III.

5. The Land is described as follows:

Authorized Countersignature

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

STEWART TITLE GUARANTY COMPANY

STATEMENT OF CHARGES

These charges are due and payable before a policy can be issued See Attached Statement of Charges

This page is only a part of a 2016 ALTA® Commitment for Title Insurance. 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 countersignature by the Company or its issuing agent that may be in electronic form.

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Proposed Policy Amount

ISSUED BY STEWART TITLE GUARANTY COMPANY

EXHIBIT "A" SCHEDULE A

LEGAL DESCRIPTION

A portion of the land described on Plat of SHERRELWOOD VILLAGE, recorded September 18, 2018 at Reception No. 2018000075940:

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 a 3-1/4" aluminum cap in Range Box, 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 said North line, a distance of 30.00 Feet to a point on the East line of the Pecos Street Right-of-Way, and the Point of Beginning;

Thence N 89°30'30" E, along the North line of said Northeast quarter, also being the South line of that parcel of land recorded in <u>Book 3254 at Page 139</u> in the records of the Adams County Clerk and Recorder, a distance of 299.36 Feet to a point on the West line of that parcel of land recorded in <u>Book 3251 at Page 924</u>, said Adams County Records;

Thence along the West lines of said parcel of land, the following Two (2) courses:

- 1. S 21°38'59" E, a distance of 266.92 Feet;
- 2. S 33°40'19" E, a distance of 83.13 Feet to a point on the West line of Lot 2, Kalcevic Subdivision Amended, as recorded at Reception No. B1041161, said Adams County Records;

Thence along the West lines of Lot 2 and Lot 1, Said Kalcevic Subdivision amended, the following Four (4) courses:

- 1. S 14°37'52" E, a distance of 76.08 Feet;
- 2. N 88°03'04" E, a distance of 39.50 Feet;
- 3. S 17°49'46" E, a distance of 104.05 Feet;
- 4. S 55°05'47" E, a distance of 112.26 Feet;

Thence S 01°01'29" E, a distance of 259.37 to a point on the North Line of the Elmwood Park Subdivision, as recorded at Reception No. CO184761, said Adams County Records;

Thence S 89°32'44" W, along the North line of said Elmwood Park Subdivision, a distance of 631.65 feet to a point on the East line of the Pecos Street Right-of-Way;

Thence N 00°01'53" E, along said East line of the Pecos Street Right-of-Way, a distance of 586.61 Feet to the Southwest corner of that exception parcel recorded in <u>Book 746</u>, at <u>Page 180</u> of Said Adams County Records;

Thence N 89°30'30" E, along the South line of said exception parcel, a distance of 208.00 Feet to the Southeast corner of said exception parcel;

Thence N 00°01'53" E, along a line being parallel to 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;

This page is only a part of a 2016 ALTA® Commitment for Title Insurance. 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 countersignature by the Company or its issuing agent that may be in electronic form.

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CO ALTA Commitment For Title Insurance Schedule 8-1-16 (4-2-18)

Page 2 of 4



ISSUED BY STEWART TITLE GUARANTY COMPANY

Thence S 89°30'30" W, along a line being 20.00 Feet South of and parallel to the North line of the Northeast quarter of said said Section 33, a distance of 208.00 Feet to the Northwest corner of said exception parcel and a point on the East line of the Pecos Street Right-of-Way;

Thence N 00°01'53" E, along the East line of said Pecos Street Right-of-Way, a distance of 20.00 Feet to the Point of Beginning.

County of Adams,

MORE PARTICULARLY DESCRIBED AS:

PARCEL I: Lots 1 through 4, Block 1, SHERRELWOOD VILLAGE, County of Adams, State of Colorado.

State of Colorado.

PARCEL II: Tract B and Tract D, SHERRELWOOD VILLAGE, County of Adams, State of Colorado.

PARCEL III: Lot 8, Block 2, SHERRELWOOD VILLAGE, County of Adams, State of Colorado.



ISSUED BY STEWART TITLE GUARANTY COMPANY

STATEMENT OF CHARGES

Informational Commitment

FEE: \$500.00

Tax Information:

(Sch. # 0171933124035 0171933124036 0171933124037 0171933124038 0171933124039 0171933124057 0171933124058):



ISSUED BY STEWART TITLE GUARANTY COMPANY

Requirements

File No.: 21000310549

All of the following Requirements must be met:

- 1. The 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.
- 2. Pay the agreed amount for the estate or interest to be insured.
- 3. Pay the premiums, fees, and charges for the Policy to the Company.
- 4. 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.
- 5. Proper instrument(s) creating the estate or interest to be insured must be executed and duly filed for record:

NONE

NOTE: This product is for informational purposes only. It is not a title insurance product and does not provide any form of coverage. This product is not a guarantee or assurance and does not warrant, or otherwise insure any condition, fact or circumstance. This product does not obligate this Company to issue any policies of title insurance for any subsequent transaction based on the information provided or involving the property described herein. This Company's sole liability for any error(s) relating to this product is limited to the amount that was paid for this product.



ISSUED BY STEWART TITLE GUARANTY COMPANY

Exceptions

File No.: 21000310549

THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION, OR LIMITATION CONTAINED IN ANY DOCUMENT REFERRED TO IN THIS COMMITMENT TO THE EXTENT THAT THE SPECIFIC COVENANT, CONDITION, RESTRICTION, OR LIMITATION VIOLATES STATE OR FEDERAL LAW BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, GENDER IDENTITY, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN.

The Policy will not insure against loss or damage resulting from the terms and provisions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

- 1. Rights or claims of parties in possession, not shown by the public records.
- 2. Easements, or claims of easements, not shown by the public records.
- 3. 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.
- 5. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I Requirements are met.
- 6. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) minerals of whatsoever kind, subsurface and surface substances, in, on, under and that may be produced from the Land, together with all rights, privileges, and immunities relating thereto, whether or not the matters excepted under (a), (b) or (c) are shown by the Public Records or listed in Schedule B.
- 7. Water rights, claims or title to water.
- 8. Any and all unpaid taxes and assessments and any unredeemed tax sales.
- 9. Terms, conditions, provisions, burdens and obligations of Easements described in Deed recorded December 29, 1986, in Book 3251 at Page 924.
- 10. Operation and Maintenance Manual for Sherrelwood Village recorded April 2, 2018, at Reception No. 2018000026268.
- 11. Resolution 2018-533 Approving Application in Case #PRC2016-00008, recorded August 16, 2018, at Reception No. 2018000066629.
- 12. Resolution 20108-534 Approving Subdivision Improvements Agreement, recorded August 16, 2018, at Reception No. 2018000066681.



ISSUED BY STEWART TITLE GUARANTY COMPANY

Exceptions

- Deed of Perpetual Underground Waterline Easement, recorded August 30, 2018, at <u>Reception No.</u> 2018000070760.
- 14. Planned Unit Development Plan, recorded September 18, 2018, at Reception No. 2018000075941.
- Easements, notes, restrictions and rights-of-way, as set forth on the plat of Sherrelwood Village, recorded September 18, 2018, at <u>Reception No. 2018000075940</u>.
 NOTE: Affidavit of plat Correction, recorded September 4, 2019, at <u>Reception No. 2019000073330</u>.
- 16. Construction and Drainage Easement Agreement, recorded September 7, 2019, at Reception No. 201900063643.
- 17. Declaration of Covenants, Conditions, and Restrictions, recorded November 11, 2019, at Reception No. 201900096873.

NOTE: First Supplemental Declaration, recorded March 23, 2020, at Reception No. 2020000024705. NOTE: Limited Amendment, recorded May 7, 2020, at Reception No. 2020000041819.

18. Deed of Trust dated March , executed by Shirley Dunomes, to the Public Trustee of Adams County, securing indebtedness in the amount of \$459,900.00, in favor of United Wholesale Mortgage, recorded March 31, 2020, as Reception No. 2020000029032.

NOTE: As to Parcel III.

- 19. Resolution 2021-177 Approving Application in Case #PRC2020-0001- recorded March 11, 2021 at Reception No. 2021000029929.
- Deed of Trust dated May 10, 2021, executed by Elmwood North LLC, a Colorado limited liability company, to the Public Trustee of Adams County, securing indebtedness in the amount of \$1,080,000.00, in favor of First American State Bank, recorded May 13, 2021, as <u>Reception No. 2021000058942</u>. NOTE: As to Parcel I.
- 21. Existing leases and tenancies.

NOTE: Upon receipt by the Company of the Commercial Lien Affidavit, this exception may be modified or deleted.





Stewart Title Guaranty Company -Commercial Services 55 Madison Street, Suite 400 Denver, CO 80206 Phone Fax

MINERAL DISCLOSURE

To comply with the provisions of C.R.S. 10-11-123, the Company makes the following disclosure:

- 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 a 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: THIS DISCLOSURE APPLIED ONLY IF SCHEDULE B, SECTION 2 OF THE TITLE COMMITMENT HEREIN INCLUDES AN EXCEPTION FOR SEVERED MINERALS.

File Number: 21000310549

CO Disclosures Comrcl

STG Privacy Notice Stewart Title Companies

WHAT DO THE STEWART TITLE COMPANIES DO WITH YOUR PERSONAL INFORMATION?

Federal and applicable state law and regulations give consumers the right to limit some but not all sharing. Federal and applicable state law regulations also require us to tell you how we collect, share, and protect your personal information. Please read this notice carefully to understand how we use your personal information. This privacy notice is distributed on behalf of the Stewart Title Guaranty Company and its title affiliates (the Stewart Title Companies), pursuant to Title V of the Gramm-Leach-Bliley Act (GLBA).

The types of personal information we collect and share depend on the product or service that you have sought through us. This information can include social security numbers and driver's license number.

All financial companies, such as the Stewart Title Companies, need to share customers' personal information to run their everyday business—to process transactions and maintain customer accounts. In the section below, we list the reasons that we can share customers' personal information; the reasons that we choose to share; and whether you can limit this sharing.

Reasons we can share your personal information.	Do we share	Can you limit this sharing?	
For our everyday business purposes— to process your transactions and maintain your account. This may include running the business and managing customer accounts, such as processing transactions, mailing, and auditing services, and responding to court orders and legal investigations.	Yes	No	
For our marketing purposes— to offer our products and services to you.	Yes	No	
For joint marketing with other financial companies	No	We don't share	
For our affiliates' everyday business purposes— information about your transactions and experiences. Affiliates are companies related by common ownership or control. They can be financial and non-financial companies. Our affiliates may include companies with a Stewart name; financial companies, such as Stewart Title Company	Yes	No	
For our affiliates' everyday business purposes— information about your creditworthiness.	No	We don't share	
For our affiliates to market to you — For your convenience, Stewart has developed a means for you to opt out from its affiliates marketing even though such mechanism is not legally required.	Yes	Yes, send your first and last name, the email address used in your transaction, your Stewart file number and the Stewart office location that is handling your transaction by email to optout@stewart.com or fax to 1-800-335-9591.	
For non-affiliates to market to you. Non-affiliates are companies not related by common ownership or control. They can be financial and non-financial companies.	No	We don't share	

We may disclose your personal information to our affiliates or to non-affiliates as permitted by law. If you request a transaction with a non-affiliate, such as a third party insurance company, we will disclose your personal information to that non-affiliate. [We do not control their subsequent use of information, and suggest you refer to their privacy notices.]

SHARING PRACTICES

How often do the Stewart Title Companies notify me about their practices?	We must notify you about our sharing practices when you request a transaction.
How do the Stewart Title Companies protect my personal information?	To protect your personal information from unauthorized access and use, we use security measures that comply with federal law. These measures include computer, file, and building safeguards.
How do the Stewart Title Companies collect my personal information?	We collect your personal information, for example, when you request insurance-related services provide such information to us We also collect your personal information from others, such as the real estate agent or lender involved in your transaction, credit reporting agencies, affiliates or other companies.
What sharing can I limit?	Although federal and state law give you the right to limit sharing (e.g., opt out) in certain instances, we do not share your personal information in those instances.

Contact us: If you have any questions about this privacy notice, please contact us at: Stewart Title Guaranty Company, 1360 Post Oak Blvd., Ste. 100, Privacy Officer, Houston, Texas 77056

File No.: 21000310549 Page 1

Effective Date: January 1, 2020

Privacy Notice for California Residents

Pursuant to the California Consumer Privacy Act of 2018 ("CCPA"), Stewart Information Services Corporation and its subsidiary companies (collectively, "Stewart") are providing this **Privacy Notice for California Residents** ("CCPA Notice"). This CCPA Notice supplements the information contained in Stewart's existing privacy notice and applies solely to all visitors, users and others who reside in the State of California or are considered California Residents ("consumers" or "you"). Terms used but not defined shall have the meaning ascribed to them in the CCPA.

Information Stewart Collects

Stewart collects information that identifies, relates to, describes, references, is capable of being associated with, or could reasonably be linked, directly or indirectly, with a particular consumer, household, or device. Most of the information that Stewart collects in the course of its regular business is already protected pursuant to the Gramm-Leach-Bliley Act (GLBA). Additionally, much of this information comes from government records or other information already in the public domain. Personal information under the CCPA does not include:

- · Publicly available information from government records.
- Deidentified or aggregated consumer information.
- Certain personal information protected by other sector-specific federal or California laws, including but not limited to the Fair Credit Reporting Act (FCRA), GLBA and California Financial Information Privacy Act (FIPA).

Specifically, Stewart has collected the following categories of personal information from consumers within the last twelve (12) months:

Category	Examples	Collected?
A. Identifiers.	A real name, alias, postal address, unique personal identifier, online identifier, Internet Protocol address, email address, account name, Social Security number, driver's license number, passport number, or other similar identifiers.	YES
B. Personal information categories listed in the California Customer Records statute (Cal. Civ. Code § 1798.80(e)).	A name, signature, Social Security number, physical characteristics or description, address, telephone number, passport number, driver's license or state identification card number, insurance policy number, education, employment, employment history, bank account number, credit card number, debit card number, or any other financial information, medical information, or health insurance information. Some personal information included in this category may overlap with other categories.	YES
C. Protected classification characteristics under California or federal law.	Age (40 years or older), race, color, ancestry, national origin, citizenship, religion or creed, marital status, medical condition, physical or mental disability, sex (including gender, gender identity, gender expression, pregnancy or childbirth and related medical conditions), sexual orientation, veteran or military status, genetic information (including familial genetic information).	YES
D. Commercial information.	Records of personal property, products or services purchased, obtained, or considered, or other purchasing or consuming histories or tendencies.	YES
E. Biometric information.	Genetic, physiological, behavioral, and biological characteristics, or activity patterns used to extract a template or other identifier or identifying information, such as, fingerprints, faceprints, and voiceprints, iris or retina scans, keystroke, gait, or other physical patterns, and sleep, health, or exercise data.	YES
F. Internet or other similar network activity.	Browsing history, search history, information on a consumer's interaction with a website, application, or advertisement.	YES
G. Geolocation data.	Physical location or movements.	YES
H. Sensory data.	Audio, electronic, visual, thermal, olfactory, or similar information.	YES
I. Professional or employment-related information.	Current or past job history or performance evaluations.	YES
J. Non-public education information (per the Family Educational Rights and Privacy Act (20 U.S.C. Section 1232g, 34 C.F.R. Part 99)).	Education records directly related to a student maintained by an educational institution or party acting on its behalf, such as grades, transcripts, class lists, student schedules, student identification codes, student financial information, or student disciplinary records.	YES
K. Inferences drawn from other personal information.	Profile reflecting a person's preferences, characteristics, psychological trends, predispositions, behavior, attitudes, intelligence, abilities, and aptitudes.	YES

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Stewart obtains the categories of personal information listed above from the following categories of sources:

- Directly and indirectly from customers, their designees or their agents (For example, realtors, lenders, attorneys, etc.)
- Directly and indirectly from activity on Stewart's website or other applications.
- From third-parties that interact with Stewart in connection with the services we provide.

Use of Personal Information

Stewart may use or disclose the personal information we collect for one or more of the following purposes:

- To fulfill or meet the reason for which the information is provided.
- To provide, support, personalize, and develop our website, products, and services.
- To create, maintain, customize, and secure your account with Stewart.
- · To process your requests, purchases, transactions, and payments and prevent transactional fraud.
- To prevent and/or process claims.
- To assist third party vendors/service providers who complete transactions or perform services on Stewart's behalf.
- · As necessary or appropriate to protect the rights, property or safety of Stewart, our customers or others.
- To provide you with support and to respond to your inquiries, including to investigate and address your concerns and monitor and improve our responses.
- To personalize your website experience and to deliver content and product and service offerings relevant to your interests, including targeted offers and ads through our website, third-party sites, and via email or text message (with your consent, where required by law).
- To help maintain the safety, security, and integrity of our website, products and services, databases and other technology assets, and business.
- To respond to law enforcement or regulator requests as required by applicable law, court order, or governmental regulations.
- · Auditing for compliance with federal and state laws, rules and regulations.
- Performing services including maintaining or servicing accounts, providing customer service, processing or fulfilling
 orders and transactions, verifying customer information, processing payments, providing advertising or marketing
 services or other similar services.
- To evaluate or conduct a merger, divestiture, restructuring, reorganization, dissolution, or other sale or transfer of some
 or all of our assets, whether as a going concern or as part of bankruptcy, liquidation, or similar proceeding, in which
 personal information held by us is among the assets transferred.

Stewart will not collect additional categories of personal information or use the personal information we collected for materially different, unrelated, or incompatible purposes without providing you notice.

Disclosure of Personal Information to Affiliated Companies and Nonaffiliated Third Parties

Stewart does not sell your personal information to nonaffiliated third parties. Stewart may share your information with those you have designated as your agent in the course of your transaction (for example, a realtor or a lender). Stewart may disclose your personal information to a third party for a business purpose. Typically, when we disclose personal information for a business purpose, we enter a contract that describes the purpose and requires the recipient to both keep that personal information confidential and not use it for any purpose except performing the contract.

We share your personal information with the following categories of third parties:

- Service providers and vendors (For example, search companies, mobile notaries, and companies providing credit/debit card processing, billing, shipping, repair, customer service, auditing, marketing, etc.)
- Affiliated Companies
- · Litigation parties and attorneys, as required by law.
- Financial rating organizations, rating bureaus and trade associations.
- · Federal and State Regulators, law enforcement and other government entities

In the preceding twelve (12) months, Stewart has disclosed the following categories of personal information for a business purpose:

- Category A: Identifiers
- Category B: California Customer Records personal information categories
- Category C: Protected classification characteristics under California or federal law
- Category D: Commercial Information
- Category E: Biometric Information
- Category F: Internet or other similar network activity
- Category G: Geolocation data
- Category H: Sensory data
- Category I: Professional or employment-related information
- Category J: Non-public education information
- Category K: Inferences

Consumer Rights and Choices

The CCPA provides consumers (California residents) with specific rights regarding their personal information. This section describes your CCPA rights and explains how to exercise those rights.

File No.: 21000310549 Page 3

Access to Specific Information and Data Portability Rights

You have the right to request that Stewart disclose certain information to you about our collection and use of your personal information over the past 12 months. Once we receive and confirm your verifiable consumer request, Stewart will disclose to you:

- The categories of personal information Stewart collected about you.
- The categories of sources for the personal information Stewart collected about you.
- Stewart's business or commercial purpose for collecting that personal information.
- The categories of third parties with whom Stewart shares that personal information.
- The specific pieces of personal information Stewart collected about you (also called a data portability request).
- If Stewart disclosed your personal data for a business purpose, a listing identifying the personal information categories
 that each category of recipient obtained.

Deletion Request Rights

You have the right to request that Stewart delete any of your personal information we collected from you and retained, subject to certain exceptions. Once we receive and confirm your verifiable consumer request, Stewart will delete (and direct our service providers to delete) your personal information from our records, unless an exception applies.

Stewart may deny your deletion request if retaining the information is necessary for us or our service providers to:

- 1. Complete the transaction for which we collected the personal information, provide a good or service that you requested, take actions reasonably anticipated within the context of our ongoing business relationship with you, or otherwise perform our contract with you
- 2. Detect security incidents, protect against malicious, deceptive, fraudulent, or illegal activity, or prosecute those responsible for such activities.
- 3. Debug products to identify and repair errors that impair existing intended functionality.
- 4. Exercise free speech, ensure the right of another consumer to exercise their free speech rights, or exercise another right provided for by law.
- 5. Comply with the California Electronic Communications Privacy Act (Cal. Penal Code § 1546 seq.).
- 6. Engage in public or peer-reviewed scientific, historical, or statistical research in the public interest that adheres to all other applicable ethics and privacy laws, when the information's deletion may likely render impossible or seriously impair the research's achievement, if you previously provided informed consent.
- 7. Enable solely internal uses that are reasonably aligned with consumer expectations based on your relationship with us.
- 8. Comply with a legal obligation.
- 9. Make other internal and lawful uses of that information that are compatible with the context in which you provided it.

Exercising Access, Data Portability, and Deletion Rights

To exercise the access, data portability, and deletion rights described above, please submit a verifiable consumer request to us either:

- Calling us Toll Free at 1-866-571-9270
- Emailing us at <u>Privacyrequest@stewart.com</u>
- Visiting http://stewart.com/ccpa

Only you, or someone legally authorized to act on your behalf, may make a verifiable consumer request related to your personal information. You may also make a verifiable consumer request on behalf of your minor child.

To designate an authorized agent, please contact Stewart through one of the methods mentioned above.

You may only make a verifiable consumer request for access or data portability twice within a 12-month period. The verifiable consumer request must:

- Provide sufficient information that allows us to reasonably verify you are the person about whom we collected personal
 information or an authorized representative.
- · Describe your request with sufficient detail that allows us to properly understand, evaluate, and respond to it.

Stewart cannot respond to your request or provide you with personal information if we cannot verify your identity or authority to make the request and confirm the personal information relates to you.

Making a verifiable consumer request does not require you to create an account with Stewart.

Response Timing and Format

We endeavor to respond to a verifiable consumer request within forty-five (45) days of its receipt. If we require more time (up to an additional 45 days), we will inform you of the reason and extension period in writing.

A written response will be delivered by mail or electronically, at your option.

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Any disclosures we provide will only cover the 12-month period preceding the verifiable consumer request's receipt. The response we provide will also explain the reasons we cannot comply with a request, if applicable. For data portability requests, we will select a format to provide your personal information that is readily useable and should allow you to transmit the information from one entity to another entity without hindrance.

Stewart does not charge a fee to process or respond to your verifiable consumer request unless it is excessive, repetitive, or manifestly unfounded. If we determine that the request warrants a fee, we will tell you why we made that decision and provide you with a cost estimate before completing your request.

Non-Discrimination

Stewart will not discriminate against you for exercising any of your CCPA rights. Unless permitted by the CCPA, we will not:

- · Deny you goods or services.
- Charge you a different prices or rates for goods or services, including through granting discounts or other benefits, or imposing penalties.
- Provide you a different level or quality of goods or services.
- Suggest that you may receive a different price or rate for goods or services or a different level or quality of goods or services.

Changes to Our Privacy Notice

Stewart reserves the right to amend this privacy notice at our discretion and at any time. When we make changes to this privacy notice, we will post the updated notice on Stewart's website and update the notice's effective date. Your continued use of Stewart's website following the posting of changes constitutes your acceptance of such changes.

Contact Information

If you have questions or comments about this notice, the ways in which Stewart collects and uses your information described here, your choices and rights regarding such use, or wish to exercise your rights under California law, please do not hesitate to contact us at:

Phone: Toll Free at 1-866-571-9270

Website: http://stewart.com/ccpa

Email: Privacyrequest@stewart.com

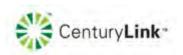
Postal Address: Stewart Information Services Corporation

Attn: Mary Thomas, Deputy Chief Compliance Officer

1360 Post Oak Blvd., Ste. 100, MC #14-1

Houston, TX 77056

File No.: 21000310549 Page 5



5325 Zuni, Room 728 Denver, CO, 80221 September 29, 2020

Rose Gallucci Delwest Development Corp 155 South Madison St. Suite 326 Denver, CO 80209 D: 720-708-4065

F: 303-974*5239 E: rose@delwest.com W: www.delwest.com

RE: 7996 N. Pecos St and 8000 N. Pecos St. in Unincorporated Adams County, State of Colorado.

Recently you approached CenturyLink about providing a "Will Serve" letter to serve 7996 N. Pecos St and 8000 N. Pecos St. in Unincorporated Adams County, State of Colorado. CenturyLink appreciates the opportunity to provide Delwest Development Corp. with its future communication needs.

In response to the request for a commitment to serve, CenturyLink will work with Delwest Development Corp. on determining what the needs will be. Upon such determination, CenturyLink will undertake an analysis of the construction required and the cost to complete that construction. It is only at that point and given the prevailing Tariffs that CenturyLink will make a determination on whether it can or cannot provide service.

As you may or may not know, many of the telecommunications services provided by CenturyLink are regulated and the services you request will be provided for under the tariffs on file with the Colorado Public Utilities Commission.

If there are any further questions, or if I can be of any help, please do not hesitate to call me on 720-578-3560.

Regards,

Robert Davis Sr. Local Network Engineer 5325 Zuni Street, Room 728 Denver, CO 80221 720-548-3560 Robert.Davis@CenturyLink.com



September 29, 2020

Delwest Development Corporation C/O Derrell Schreiner 155 S Madison St Suite 326 Denver CO 80209

RE: Elmwood North

7996 N Pecos St., 8000 N Pecos St

Denver, CO 80221

Dear Derrell Schreiner:

Please accept this letter as confirmation of Comcast Cable Corporation ability to provide cable service to the captioned location. The project consists of 50 townhomes. The provision of service is contingent upon successful negotiations of an agreement between the developer and Comcast Cable Corporation.

If you have any questions at all, please contact Brian Jones at (303) 603-5661, or me with the information below.

Sincerely,

Sean Hofer Xfinity Communities 303-603-2019 Sean hofer@cable.comcast.com

This letter is not intended to give rise to binding obligations for either party. Any contractual relationship between the parties will be the result of formal negotiations and will only become effective upon execution of the contract by representatives of the parties authorized to enter into such agreements. During any negotiations, each party will bear its own costs and will not be responsible for any costs or expenses of the other party, unless separately agreed to in writing.



Thornton Infrastructure Maintenance Center 12450 Washington Street Thornton, CO 80241 www.ThorntonCO.gov Infrastructure Department Water Resources Division PH 720-977-6600

May 17, 2021

Rose Gallucci Delwest Development Corp. 155 S. Madison St. Ste. 326 Denver, CO 80209

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

Dear Ms. Galucci,

This letter is to confirm that currently there is adequate capacity in the City of Thornton (City) water and wastewater systems to serve 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 Infrastructure Director – Water

EH/

cc: Cassie Free, Development Engineering Manager

Todd Rullo, Deputy Infrastructure Director – Operations



WILL SERVE LETTER

October 1, 2020

Derrell Schreiner Delwest Development Corp 155 S. Monroe St Suite 326 Denver CO 80209.

Re: Sherrelwood Village

Dear Derrell,

This letter is to confirm that Xcel Energy is your utility provider for natural gas and electrical 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 Sherrelwood Village.

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

- Application submitted to Public Service'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
- Required easements are granted you must sign and return applicable easement documents to your Right-of-Way agent
- Site is ready for utility construction

A 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 these requirements can be found at Site Requirements. PDFs/Xcel-Energy-Standard-For-Electric-Installation-and-Use.pdf Easement requirements can be found at Utility Design and Layout.

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,

Patrick Quinn Xcel Energy Designer

Mailing address: Public Service Company of Colorado 5460 W 60th Ave Arvada, CO 80003



Account	Parcel Number	Receipt Date	Effective Date	Receipt Number
R0067193	0171933100009	May 7, 2020	Apr 30, 2020	2020-05-05-SO-7212

DELWEST DEVELOPMENT CORP 155 S MADISON ST STE 326 DENVER, CO 80209-3069

Situs Address Payor

7996 PECOS ST DELWEST DEVELOPMENT CORP

155 S MADISON ST STE 326 DENVER, CO 80209-3069

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 Code
 Actual
 Assessed
 Year
 Area
 Mill Levy

 VACANT RESIDENTIAL - 0100
 209,088
 60,640
 2019
 490
 119.274

Payments Received

Check Multi-Account Payment

Check Number 7757

Payor Delwest Development Corporation

Paymen	nts Applied				
Year	Charges	Billed	Prior Payments	New Payments	Balance
2019	Tax Charge	\$7,232.78	\$0.00	\$7,232.78	\$0.00
				\$7,232.78	\$0.00
Balance Due as of Apr 30, 2020					

WE ARE EXPANDING TO SERVE YOU BETTER! WATCH FOR NEW LOCATIONS ON OUR WEBSITE!

4430 S ADAMS COUNTY PKWY C2436 BRIGHTON CO 80601 MON - FRI 7 AM - 5 PM

720-523-6160

Account As of Date Parcel Number Owner

R0067193 08/06/2019 0171933100009 LA JEUNESSE ROBERT MARTIN

Legal: 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

Situs 7996 PECOS ST

Address:

Year Tax Total Due
Total \$0.00 \$0.00



Account	Parcel Number	Receipt Date	Effective Date	Receipt Number
R0060226	0171928400003	May 7, 2020	Apr 30, 2020	2020-05-05-SO-7212

DELWEST DEVELOPMENT CORP 155 S MADISON ST STE 326 DENVER, CO 80209-3069

Situs Address

8000 PECOS ST

DELWEST DEVELOPMENT CORP
155 S MADISON ST STE 326
DENVER, CO 80209-3069

Legal Description

SECT,TWN,RNG:28-2-68 DESC: PT OF SE4 OF SEC 28 DESC AS FOLS BEG AT N4 COR OF SEC 33 TH E 30 FT TO TRUE POB TH N 295/42 FT TH S 82D 26M E 20/18 FT TH S 82D 26M E 8/04 FT TH S 76D 32M E 178/58 FT TH S 21D 24M E 268/24 FT TH W 299/53 FT TO TRUE POB EXC RD 1/48SECT, 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 1/48A

Property Code	Actual	Assessed	Year	Area	Mill Levy
COMM LND SPEC PURPOS - 2130	117,792	34,160	2019	490	119.274
SPECIAL PURPOSE - 2230	312	90	2019	490	119.274
SCHOOL DIST LND - 9142	259,350	75,210	2019	490	119.274
SCHOOL DIST IMPROV - 9242	688	200	2019	490	119.274

Payments Received

Check Multi-Account Payment

Check Number 7757

Payor Delwest Development Corporation

Paymen	nts Applied				
Year	Charges	Billed	Prior Payments	New Payments	Balance
2019	Tax Charge	\$4,085.14	\$20.00	\$4,065.14	\$0.00
				\$4,065.14	\$0.00
Balance Due as of Apr 30, 2020					\$0.00

WE ARE EXPANDING TO SERVE YOU BETTER! WATCH FOR NEW LOCATIONS ON OUR WEBSITE!

4430 S ADAMS COUNTY PKWY C2436 BRIGHTON CO 80601 MON - FRI 7 AM - 5 PM

720-523-6160



Account	Parcel Number	Receipt Date	Effective Date	Receipt Number
R0198066	0171933124039	May 7, 2020	Apr 30, 2020	2020-05-05-SO-7212

ELMWOOD POINTE LLC 155 S MADISON ST STE 326 DENVER, CO 80209-3069

Situs Address Payor

1485 W 79TH WAY ELMWOOD POINTE LLC

155 S MADISON ST STE 326 DENVER, CO 80209-3069

Legal Description

SHERRELWOOD VILLAGE BLK 1 LOT 4

Property CodeActualAssessedYearAreaMill LevyVACANT RESIDENTIAL - 010017,5865,1002019490119.274

Payments Received

Check Multi-Account Payment

Check Number 7757

Payor Delwest Development Corporation

Paymen	ts Applied				
Year	Charges	Billed	Prior Payments	New Payments	Balance
2019	Tax Charge	\$608.30	\$0.00	\$608.30	\$0.00
				\$608.30	\$0.00
Balance Due as of Apr 30, 2020					\$0.00

WE ARE EXPANDING TO SERVE YOU BETTER! WATCH FOR NEW LOCATIONS ON OUR WEBSITE!

4430 S ADAMS COUNTY PKWY C2436 BRIGHTON CO 80601 MON - FRI 7 AM - 5 PM

720-523-6160



Account	Parcel Number	Receipt Date	Effective Date	Receipt Number
R0198065	0171933124038	May 7, 2020	Apr 30, 2020	2020-05-05-SO-7212

ELMWOOD POINTE LLC 155 S MADISON ST STE 326 DENVER, CO 80209-3069

Situs Address Payor

1493 W 79TH WAY ELMWOOD POINTE LLC

155 S MADISON ST STE 326 DENVER, CO 80209-3069

Legal Description

SHERRELWOOD VILLAGE BLK 1 LOT 3

Property CodeActualAssessedYearAreaMill LevyVACANT RESIDENTIAL - 010017,5865,1002019490119.274

Payments Received

Check Multi-Account Payment

Check Number 7757

Payor Delwest Development Corporation

Paymer	nts Applied				
Year	Charges	Billed	Prior Payments	New Payments	Balance
2019	Tax Charge	\$608.30	\$0.00	\$608.30	\$0.00
				\$608.30	\$0.00
Balance Due as of Apr 30, 2020					\$0.00

WE ARE EXPANDING TO SERVE YOU BETTER! WATCH FOR NEW LOCATIONS ON OUR WEBSITE!

4430 S ADAMS COUNTY PKWY C2436 BRIGHTON CO 80601 MON - FRI 7 AM - 5 PM

720-523-6160



Account	Parcel Number	Receipt Date	Effective Date	Receipt Number
R0198064	0171933124037	May 7, 2020	Apr 30, 2020	2020-05-05-SO-7212

ELMWOOD POINTE LLC 155 S MADISON ST STE 326 DENVER, CO 80209-3069

Situs Address Payor

1501 W 79TH WAY ELMWOOD POINTE LLC

155 S MADISON ST STE 326 DENVER, CO 80209-3069

Legal Description

SHERRELWOOD VILLAGE BLK 1 LOT 2

Property Code	Actual	Assessed	Year	Area	Mill Levy
VACANT RESIDENTIAL - 0100	17,586	5,100	2019	490	119.274

Payments Received

Check Multi-Account Payment

Check Number 7757

Payor Delwest Development Corporation

Paymer	nts Applied				
Year	Charges	Billed	Prior Payments	New Payments	Balance
2019	Tax Charge	\$608.30	\$0.00	\$608.30	\$0.00
				\$608.30	\$0.00
Balance Due as of Apr 30, 2020					\$0.00

WE ARE EXPANDING TO SERVE YOU BETTER! WATCH FOR NEW LOCATIONS ON OUR WEBSITE!

4430 S ADAMS COUNTY PKWY C2436 BRIGHTON CO 80601 MON - FRI 7 AM - 5 PM

720-523-6160



Account	Parcel Number	Receipt Date	Effective Date	Receipt Number
R0198063	0171933124036	May 7, 2020	Apr 30, 2020	2020-05-05-SO-7212

ELMWOOD POINTE LLC 155 S MADISON ST STE 326 DENVER, CO 80209-3069

Situs Address Payor

1517 W 79TH WAY ELMWOOD POINTE LLC

155 S MADISON ST STE 326 DENVER, CO 80209-3069

Legal Description

SHERRELWOOD VILLAGE BLK 1 LOT 1

Property CodeActualAssessedYearAreaMill LevyVACANT RESIDENTIAL - 010017,5865,1002019490119.274

Payments Received

Check Multi-Account Payment

Check Number 7757

Payor Delwest Development Corporation

Payment	ts Applied							
Year	Charges	Billed	Prior Payments	New Payments	Balance			
2019	Tax Charge	\$608.30	\$0.00	\$608.30	\$0.00			
				\$608.30	\$0.00			
Balance Due as of Apr 30, 2020								

WE ARE EXPANDING TO SERVE YOU BETTER! WATCH FOR NEW LOCATIONS ON OUR WEBSITE!

4430 S ADAMS COUNTY PKWY C2436 BRIGHTON CO 80601 MON - FRI 7 AM - 5 PM

720-523-6160

CERTIFICATION OF NOTICE TO MINERAL ESTATE OWNERS

$I/W_{e_{i}}$ betwest be	evelopment Corp.		
(the "Applicant") by sig	ning below, hereby d	leclare and certify as follow	vs:
With respect to the proper Physical Address: Legal Description: Parcel #(s):	erty located at: 7996 Pecos St. De	enver, CO 80221 DESC: BEG AT A PT ON E LN N PEC FT TH N AT R/A 208 FT M/L TO A P	OS ST 20 FT S OF N LN SEC 33 TH S ALG E LN T 20 FT S OF N LN SD SEC TH W 208 FT M/L
(PLEASE CHECK ONE):			
to innicial c	nitial public hearing, estate owners pursuan	notice of application for so at to section 24-65.5-103 or	nich is not less than thirty days arface development was provided f the Colorado Revised Statutes;
wild I	earched the records of ecorder for the above entified therein.	of the Adams County Tax Are identified parcel and have	Assessor and the Adams County e found that no mineral estate
Date: 6/1/2021	Applicant: Pe	elwest Development Corp.	
		5 S. Madison St. Suite 326	<u></u>
STATE OF COLORADO	<u>Der</u>	nver, CO 80209	
COUNTY OF ADAMS)		
Subscribed and swor	rn to before me this _	day of June	, 20 <u>21</u> , by
Witness my hand an	d official seal.		Lola R Calhoun NOTARY PUBLIC STATE OF COLORADO
My Commission expires:	10/8/2024	Notary Public	NOTARY ID 20204035139 MY COMMISSION EXPIRES OCTOBER 8, 2024
After Recording Return	Го:	Name and Address of Perso	on Preparing Legal Description:

A recorded copy of this Certification shall be submitted to the Adams County Community and Economic Development Department with all applicable land use applications.

APPLICANT'S CERTIFICATION CONCERNING QUALIFYING SURFACE DEVELOPMENT, PURSUANT TO C.R.S. §24-65.5-103.3 (1)(b) I/We, Delwest Development Corp. , (the "Applicant") by signing below, hereby declare and certify as follows: Concerning the property located at: 7996 Pecos St. Denver, CO 80221 Physical Address: 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 Parcel #(s): 01719331000009 With respect to qualifying surface developments, that (PLEASE CHECK ONE): X No mineral estate owner has entered an appearance or filed an objection to the proposed application for development within thirty days after the initial public hearing on the application; or The Applicant and any mineral estate owners who have filed an objection to the proposed application for development or have otherwise filed an entry of appearance in the initial public hearing regarding such application no later than thirty days following the initial public hearing on the application have executed a surface use agreement related to the property included in the application for development, the provisions of which have been incorporated into the application for development or are evidenced by a memorandum or otherwise recorded in the records of the clerk and recorder of the county in which the property is located so as to provide notice to transferees of the Applicant, who shall be bound by such surface use agreements; or The application for development provides: Access to mineral operations, surface facilities, flowlines, and pipelines in (i) support of such operations existing when the final public hearing on the application for development is held by means of public roads sufficient to withstand trucks and drilling equipment or thirty-foot-wide access easements: An oil and gas operations area and existing well site locations in (ii) accordance with section 24-65.5-103.5 of the Colorado Revised Statutes; and That the deposit for incremental drilling costs described in section 24-(iii) 65.5-103.7 of the Colorado Revised Statutes has been made. Date: 6/1/2021 Delwest Development Corp Applicant: After Recording Return To: By: Print Name: Craig Fitchett Address: 155 S Madison St, Suite 326

Denver, CO 80209

STATE OF COLORADO)	
COUNTY OF ADAMS)	
Subscribed and sworn to before me to Delwest Development Corp.	this day of June, 2021, by
Witness my hand and official seal.	
My Commission expires: 10/8/20	
Lola R Calhoun NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20204035139 MY COMMISSION EXPIRES OCTOBER 8, 2024	Notary Public Name and Address of Person Preparing Legal Description:

A recorded copy of this Certification shall be submitted to the Adams County Community and Economic Development Department within thirty days after the initial public hearing on all applicable land use applications.

CERTIFICATION OF NOTICE TO MINERAL ESTATE OWNERS

I/We, Delivest Development Corp.
(the "Applicant") by signing below, hereby declare and certify as follows:
With respect to the property located at: Physical Address: 8000 Pecos St. Denver, CO 80221
Legal Description: SUB: PERL MACK MANOR SEVENTH FILING BLK: 37 DESC: N 24 FT OF LOT 21 ALL LOTS 22 THRU 24
Parcel #(s):
(PLEASE CHECK ONE):
On the day of, 20, which is not less than thirty days before the initial public hearing, notice of application for surface development was provided to mineral estate owners pursuant to section 24-65.5-103 of the Colorado Revised Statutes;
I/We have searched the records of the Adams County Tax Assessor and the Adams County Clerk and Recorder for the above identified parcel and have found that no mineral estate owner is identified therein.
Date: 6/1/2021 Applicant: By: Print Name: Fraig Fitchett Address: 155 S. Madison St. Suite 326 Denver, CO 80209
STATE OF COLORADO)
COUNTY OF ADAMS)
Subscribed and sworn to before me this day of June, 2021, by Delwest Development Corp Lola R Calhoun NOTARY PUBLIC
Witness my hand and official seal.
My Commission expires: 10/8/2024 Notary Public
After Recording Return To: Name and Address of Person Preparing Legal Description:

A recorded copy of this Certification shall be submitted to the Adams County Community and Economic Development Department with all applicable land use applications.

APPLICANT'S CERTIFICATION CONCERNING QUALIFYING SURFACE DEVELOPMENT, PURSUANT TO C.R.S. §24-65.5-103.3 (1)(b) I/We. Delwest Development Corp. , (the "Applicant") by signing below, hereby declare and certify as follows: Concerning the property located at: 8000 Pecos St. Denver, CO 80221 Physical Address: Legal Description: SUB: PERL MACK MANOR SEVENTH FILING BLK: 37 DESC: N 24 FT OF LOT 21 ALL LOTS 22 THRU 24 Parcel #(s): 0171928400003 With respect to qualifying surface developments, that (PLEASE CHECK ONE): No mineral estate owner has entered an appearance or filed an objection to the X proposed application for development within thirty days after the initial public hearing on the application; or The Applicant and any mineral estate owners who have filed an objection to the proposed application for development or have otherwise filed an entry of appearance in the initial public hearing regarding such application no later than thirty days following the initial public hearing on the application have executed a surface use agreement related to the property included in the application for development, the provisions of which have been incorporated into the application for development or are evidenced by a memorandum or otherwise recorded in the records of the clerk and recorder of the county in which the property is located so as to provide notice to transferees of the Applicant, who shall be bound by such surface use agreements: or The application for development provides: Access to mineral operations, surface facilities, flowlines, and pipelines in support of such operations existing when the final public hearing on the application for development is held by means of public roads sufficient to withstand trucks and drilling equipment or thirty-foot-wide access easements: An oil and gas operations area and existing well site locations in (ii) accordance with section 24-65.5-103.5 of the Colorado Revised Statutes; and That the deposit for incremental drilling costs described in section 24-(iii) 65.5-103.7 of the Colorado Revised Statutes has been made. Date: 6/1/2021 Applicant: Delwest Development Corp. After Recording Return To: By: Craig Fitchett Print Name: 155 S Madison St, Suite 326 Address:

Denver, CO 80209

STAT	ΓE OF COLORADO)	
COU	NTY OF ADAMS)	
Subsc	cribed and sworn to before me the A Development Corp.	is
Witne	ess my hand and official seal.	
Му С	ommission expires: 10/8/20	
	Lola R Calhoun	Notary Public
	NOTARY PUBLIC STATE OF COLORADO	Nama and Addition CD
	NOTARY ID 20204035139 MY COMMISSION EXPIRES OCTOBER 8, 2024	Name and Address of Person Preparing Legal Description:

A recorded copy of this Certification shall be submitted to the Adams County Community and Economic Development Department within thirty days after the initial public hearing on all applicable land use applications.



December 6, 2020

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

Re: Elmwood North Traffic Study

Adams County, Colorado

Dear Ms. Hale:

This letter documents a traffic study prepared for a proposed Elmwood North 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 vicinity map illustrating the location of the project site is attached in **Figure 1**.

The surrounding area primarily consists of single-family residences with a multifamily building located on the northwest corner of the 79th Way and Pecos Street intersection. Sherrelwood Park and Sherrelwood Elementary School are located to the northeast of the project. The proposed development is located approximately 0.7 miles north of US Highway 36 and 1.8 miles west of Interstate 25. The site area within the project study area is shown in the aerial of attached **Figure 2**. A site plan for the proposed development is also attached.

The purpose of this letter is to identify the amount of traffic associated with this proposed development based on the expected trip generation, trip distribution, and traffic assignment. An operational analysis and vehicle queue calculations for the proposed Elmwood North project were performed. Project traffic was assigned to the key intersections and project driveways within the study limits. It is expected that project construction will be completed within the next year; therefore, analysis was performed for the 2022 short term build out horizon as well as the 2040 long-term twenty-year horizon.

Existing Roadway Network and Traffic Counts

Regional access to the Elmwood North project is provided by Interstate 25 and US Highway 36. Primary access will be provided by Pecos Street. Direct access to the site will be provided by two full movements accesses on the east side of Pecos Street, one to align with existing Sherrelwood Drive, and the other is already constructed approximately halfway between 79th Way and Elmwood Lane. The following intersections were analyzed in this traffic study letter in accordance with Adams County standards and requirements:

- Sherrelwood Drive and Pecos Street (Northern Access)
- 79th Way and Pecos Street
- Elmwood Place and Pecos Street (Southern Access)



Pecos Street extends north-south with a two-way left turn lane and two through lanes in each direction with a speed limit of 35 miles per hour adjacent to the site. Sherrelwood Drive extends east-west with one through lane in each direction and has a posted speed limit of 25 miles per hour in the vicinity of the site. 79th Way extends east-west with one through lane in each direction and a posted speed limit of 25 miles per hour in the vicinity of the site. The intersection of Sherrelwood Drive and Pecos Street is signalized, which operates with permitted only left turn phasing in the northbound approach. The intersection of 79th Way and Pecos Street operates with stop control on the eastbound approach. The existing lane configuration and control of the key intersections is shown in attached **Figure**

Morning and afternoon peak hour turning movement counts were performed at the key intersections on Tuesday, March 10, 2020. The weekday counts were conducted in 15-minute intervals during the morning and afternoon peak hours of adjacent street traffic from 7:00 AM to 9:00 AM and 4:00 PM to 6:00 PM. The existing peak hour counts of the key intersections are shown in attached **Figure 4**, with count sheets attached as well.

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) fitted curve equations for Single-Family Detached Housing (ITE Code 210), and Multifamily Housing (Low-Rise) (ITE 220).

The following summarizes the anticipated trip generation for the proposed development (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 rush 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 rush hour. As summarized in **Table 1**, the proposed Elmwood North project 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.

Table 1 – Elmwood North Trip Generation

	Daily	Weekday Vehicle Trips						
	Vehicle	AM	l Peak F	Peak I	eak Hour			
Land Use and Size	Trips	In	Out	Total	In	Out	Total	
Single-Family Detached Housing (210) – 41 Dwelling Units	458	7	27	34	27	16	43	
Multifamily Housing (Low-Rise) (220) – 48 Dwelling Units	322	6	18	24	20	11	31	
Total Trips	780	13	45	58	47	27	74	



Project Access

Primary access will be provided by two full movements accesses, both along the east side of Pecos Street. The proposed northern access will align with the existing Sherrelwood Drive and Pecos Street signalized intersection. The proposed southern driveway along Pecos Street is already constructed, named Elmwood Place, and is approximately 550 feet south of 79th Way.

Distribution, Assignment, and Total Traffic

Trip distribution of the anticipated project traffic was identified based on the area street system characteristics, surrounding demographic information, and the access system for the project. Traffic assignment was obtained by applying the project trip distribution to the estimated full project traffic generation of the proposed development. Attached **Figure 5** illustrates the expected trip distribution, while **Figure 6** illustrates the traffic assignment for the proposed Elmwood North project on the surrounding street network and key intersections. Site traffic volumes were added to the 2022 and 2040 background volumes to represent estimated build-out year and long-term traffic conditions. These total traffic volumes for 2022 and 2040 are illustrated in **Figure 7** and **Figure 8**.

Traffic Operations Analysis

Kimley-Horn's analysis of traffic operations in the site vicinity was conducted to determine potential capacity deficiencies at the project key intersections for the 2022 build-out and 2040 long term horizons. The acknowledged source for determining overall capacity is the *Highway Capacity Manual*¹. Capacity analysis results are listed in terms of Level of Service (LOS). LOS is a qualitative term describing operating conditions a driver will experience while traveling on a particular street or highway during a specific time interval. It ranges from A (very little delay) to F (long delays and congestion). For intersections and roadways in this study area, typical traffic study practice identifies overall intersection LOS D and movement or approach LOS E as the minimum thresholds for acceptable operations. The following **Table 2** shows the definition of level of service for signalized and unsignalized intersections.

Level of Service	Signalized Intersection Average Total Delay (sec/veh)	Unsignalized Intersection Average Total Delay (sec/veh)
Α	≤ 10	≤ 10
В	> 10 and ≤ 20	> 10 and ≤ 15
С	> 20 and ≤ 35	> 15 and ≤ 25
D	> 35 and ≤ 55	> 25 and ≤ 35
E	> 55 and ≤ 80	> 35 and ≤ 50
F	> 80	> 50

Table 2 - Level of Service Definitions

Definitions provided from the Highway Capacity Manual, Sixth Edition, Transportation Research Board, 2016.

¹ Transportation Research Board, Highway Capacity Manual, Sixth Edition, Washington DC, 2016.



Project Intersections Operational Analysis

With the configuration of the project intersection in the opening year of 2022, the signalized intersection of Sherrelwood Drive and Pecos Street operates at LOS A, and all movements at the stop-controlled intersections are anticipated to operate acceptably with LOS C or better during the weekday peak hours with the addition of Elmwood North project traffic. By 2040, the signalized intersection of Sherrelwood Drive and Pecos Street is anticipated to continue operating at LOS A, and all movements at the stop-controlled intersections are expected to continue to operate acceptably with LOS D or better during the peak hours.

The traffic signal at the Sherrelwood Drive/Pecos Street intersection is operating at optimized traffic signal timing today. The cycle length is two (2) minutes (120 seconds) which is typical throughout the Denver Metro Area. There is very little eastbound Sherrelwood Drive traffic, so the time allocated for overall intersection in the two (2) minutes (120 seconds) is 100 seconds to northbound and southbound Pecos Street and 20 seconds to eastbound Sherrelwood Drive. This timing is appropriate and best for this intersection, and we would not recommend any changes to the timing. Further, actuation is present, and it is working based on observations. The operational analysis is shown in **Table 3**.

Single shared movement lanes are expected to be sufficient for traffic exiting both project driveways. The northern access at the intersection of Sherrelwood Drive and Pecos Street will be incorporated into the existing signal. The exiting approach at the intersection of Elmwood Place and Pecos Street should provide a R1-1 "STOP" sign. Also, although the current eastbound approach at the intersection of Sherrelwood Drive and Pecos Street operates acceptably as a shared left/right turn lane, the eastbound approach could be striped to include a shared left turn/through lane and an exclusive right turn lane if desired. This is how the eastbound approach is operating in the field and it would keep the possibility of a left turning vehicle from a blocking a driver wishing to turn right.

2020 Existing Traffic 2022 Total Traffic 2040 Total Traffic AM Peak **PM Peak** AM Peak **PM Peak** AM Peak **PM Peak** Hour Hour Hour Hour Hour Hour Delay Delay Delay Delay Delay Delay (sec/ (sec/ (sec/ (sec/ LOS (sec/ (sec/ LOS LOS LOS LOS LOS **Access and Movement** veh) veh) veh) veh) veh) veh) Sherrelwood Dr & Pecos 5.5 Α 4.2 Α 4.8# A# 3.1# A# 4.7# A# 3.2# A# 79th Way & Pecos St Eastbound Approach 10.8 В 11.8 10.9 11.9 В В 12.5 В В В 11.0 Northbound Left 8.4 Α 7.9 Α 8.4 Α 7.9 Α 8.6 Α 8.0 Α **Elmwood Place & Pecos**

9.8

8.2

22.7

12.2

Α

С

В

9.9

8.4

Table 3 - Project Intersections LOS Results

Westbound Approach

Southbound Left

Α

25.8

13.0

D

В

[#] Proposed full movement westbound leg included



Vehicle Queuing Analysis

Queuing analysis was conducted for the study area intersections per Adams County standards and requirements. Results were obtained from the 95th percentile queue lengths obtained from the Synchro analysis. Queue length calculations are provided within the level of service operational sheets attached for the unsignalized intersections and in separate reports for the signalized intersection. Results of the queuing analysis and recommendations at the study area intersections are provided in **Table 4**.

Existina 2022 2040 Calculated 2022 Calculated 2040 Turn Lane Lenath Queue Recommended Queue Recommended **Intersection Turn Lane** (feet) (feet) Length (feet) (feet) Length (feet) Sherrelwood Dr & Pecos St Eastbound Approach C 31' С 18' C Westbound Approach DNE 0' С 0' С Northbound Left 31' **TWLTL** 37' TWLTL TWLTL Southbound Left **TWLTL** 9' **TWLTL** 9' **TWLTL** 79th Way & Pecos St Eastbound Approach С 25' С 25' С Northbound Left **TWLTL** 25' **TWLTL** 25' **TWLTL** Elmwood Place & Pecos St C Westbound Approach DNE 25' 25' С 25' 25' **TWLTL TWLTL** Southbound Left **TWLTL**

Table 4 – Turn Lane Queuing Analysis Results

As shown in **Table 4** representing the queuing results, all anticipated queues are accommodated or managed within existing turn bay lengths with project traffic in the 2040 project build out year and long-term horizon.

Conclusion and Recommendations

The two project driveways, with the northern access being the east leg of the Sherrelwood Drive/Pecos Street intersection and southern access being Elmwood Place/Pecos Street are expected to operate acceptably during the peak hours in 2022 and 2040. Single shared movement lanes are expected to be sufficient for exiting both project driveways. The exiting approach at the intersection of Sherrelwood Drive and Pecos Street should be incorporated in the existing signal, which may require a new signal pole on the northwest corner of the intersection with a mast arm across the east leg. The exiting approach at Elmwood Place and Pecos Street should provide a R1-1 "STOP" sign. The recommended intersection lane configurations and control for the project buildout and long-term horizon are illustrated in **Figure 9**.

Likewise, it is recommended that the existing RTD Route 6 bus stop located along project frontage of northbound Pecos Street at 79th Way be maintained with development of the project.

In summary, this traffic study letter provides project traffic generation estimates, trip distribution, traffic assignment, and future traffic volume projections operational analysis to

C = Continuous Lane, DNE = Does Not Exist, TWLTL = Two-Way Left Turn Lane



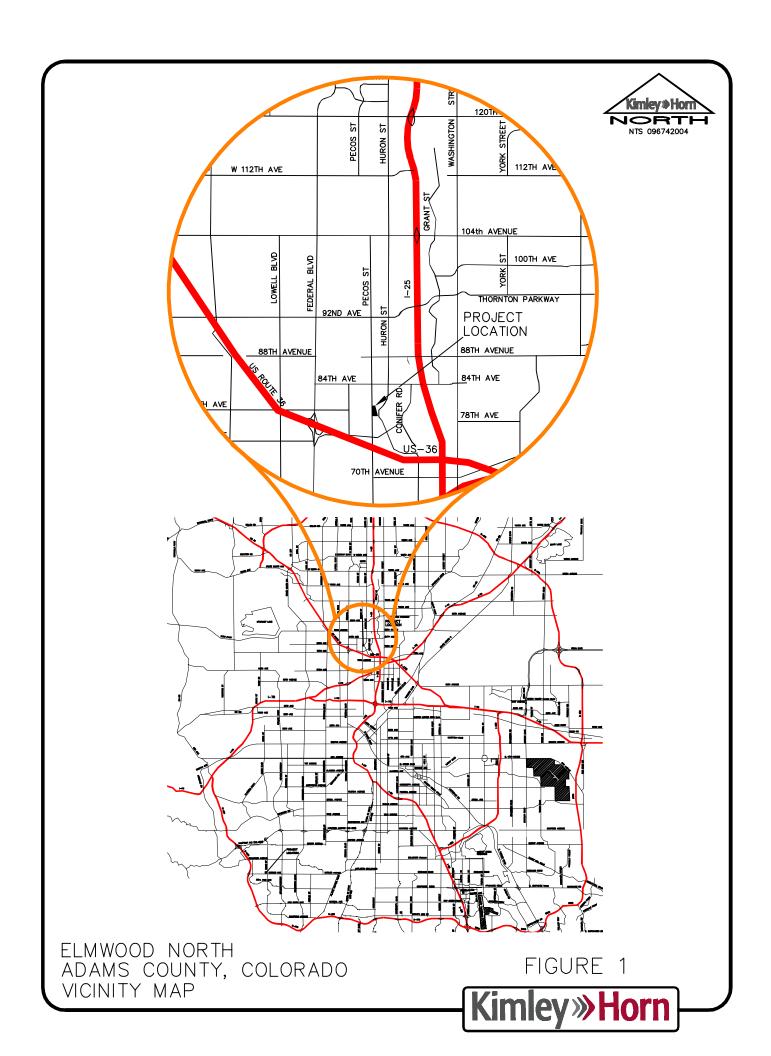
identify potential Elmwood North project traffic related impacts on the local street system. Based on the analysis presented in this study, Kimley-Horn believes the proposed Elmwood North project will be incorporated acceptably in the existing and proposed surrounding street network. If you have any questions or require anything further, please feel free to call.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Curtis D. Rowe, P.E., PTOE

Vice President



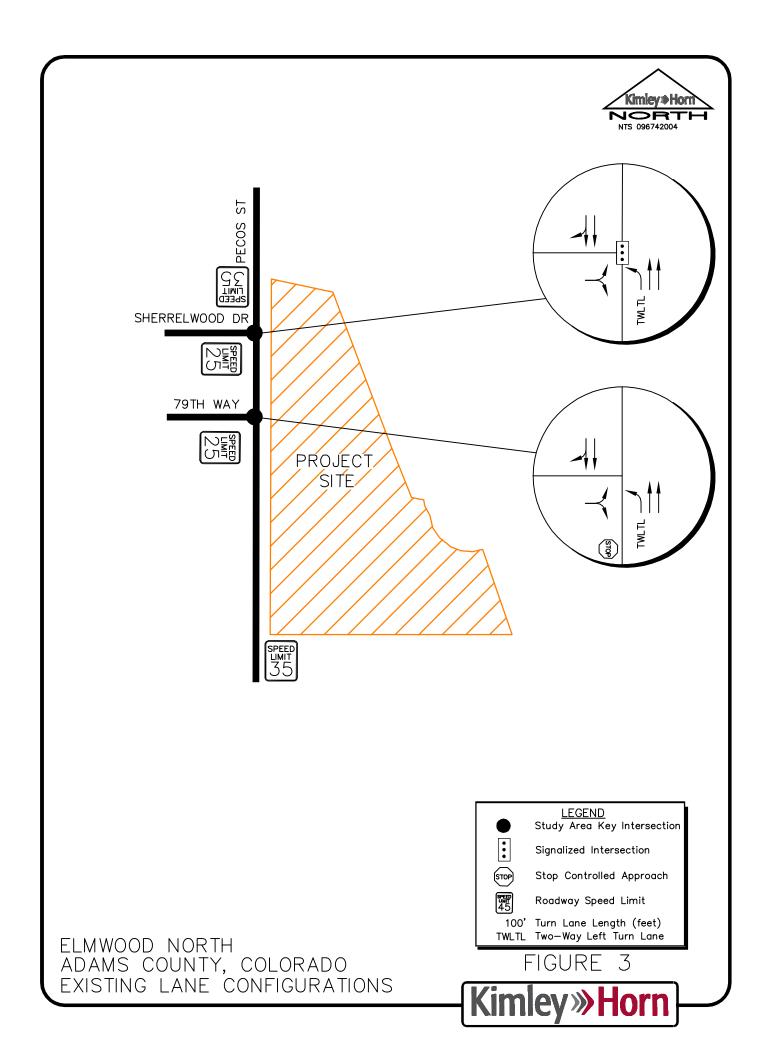


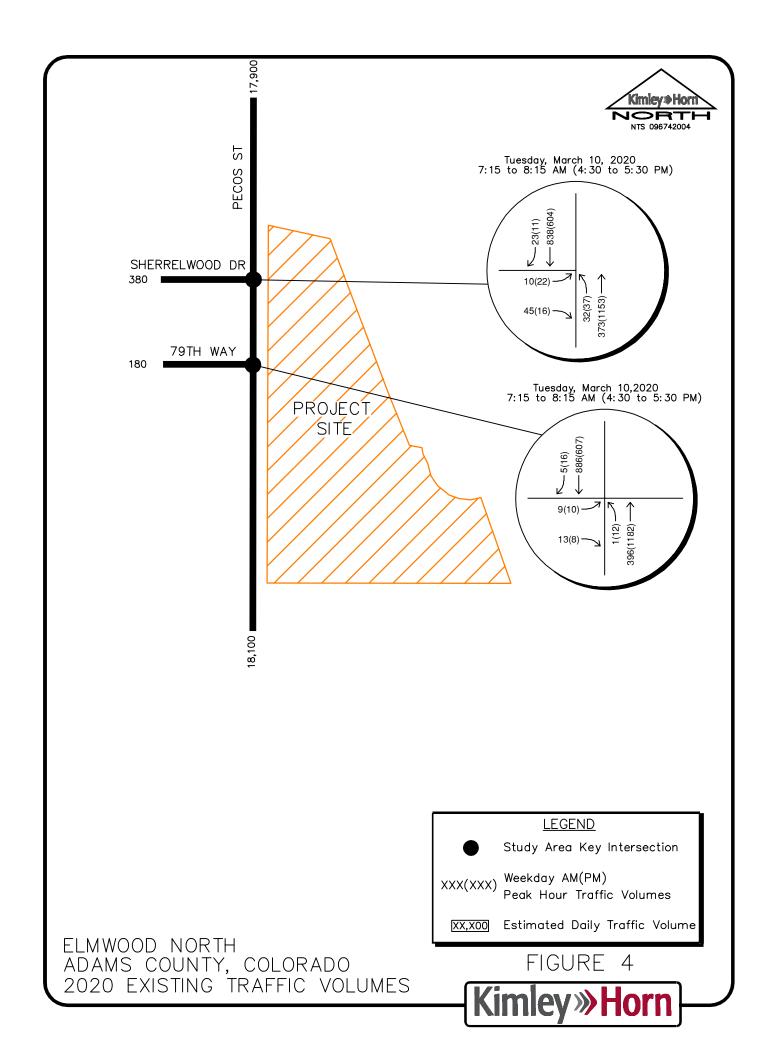


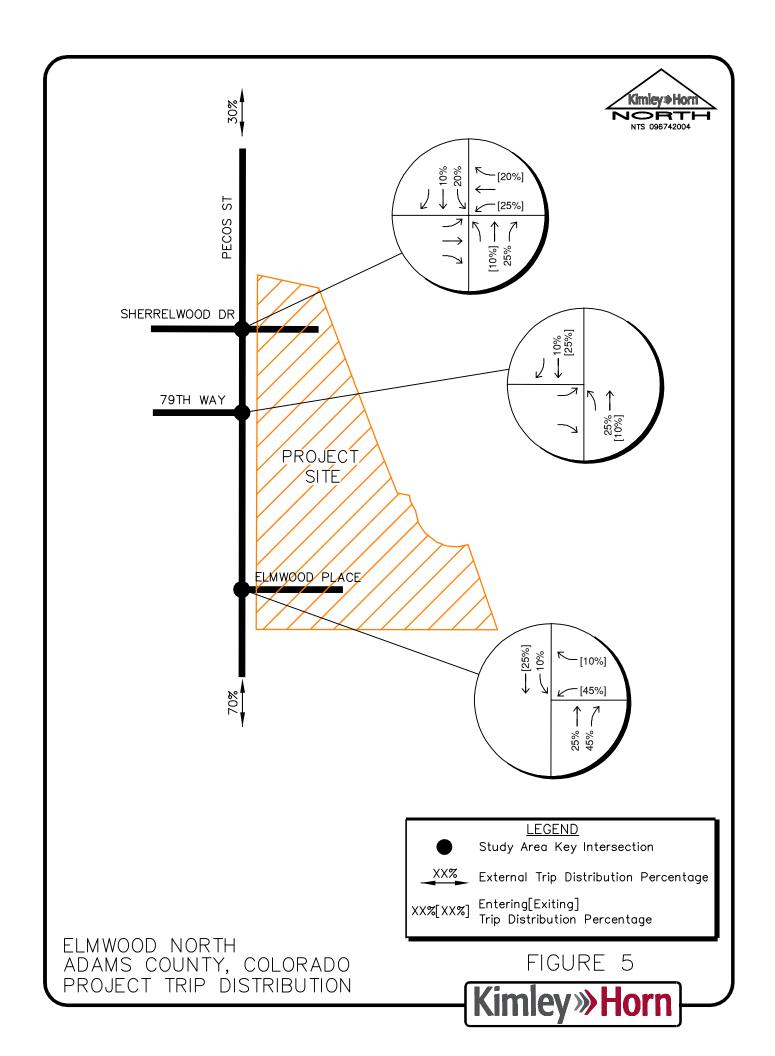
ELMWOOD NORTH ADAMS COUNTY, COLORADO SITE AREA

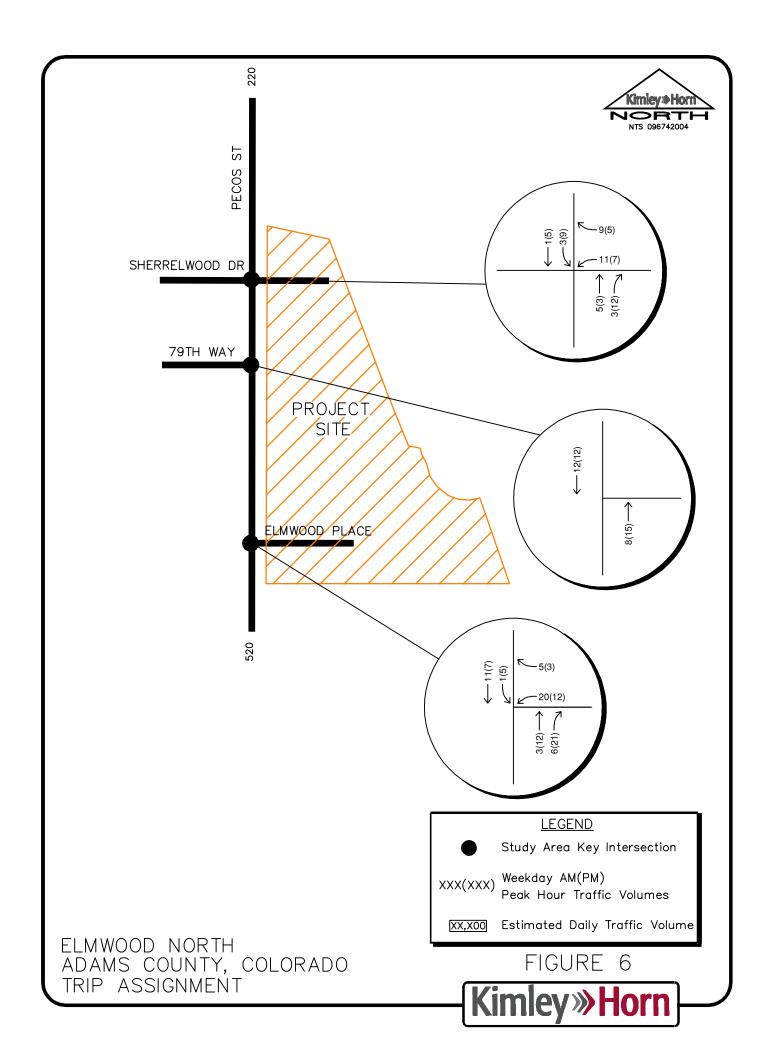
FIGURE 2

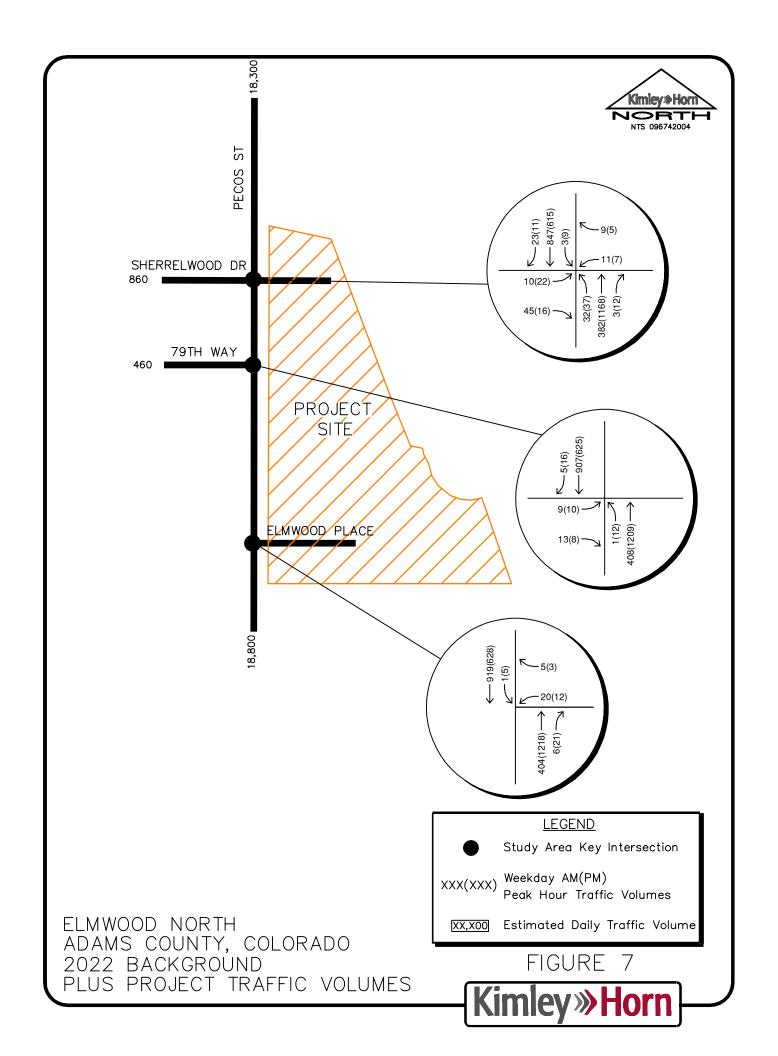


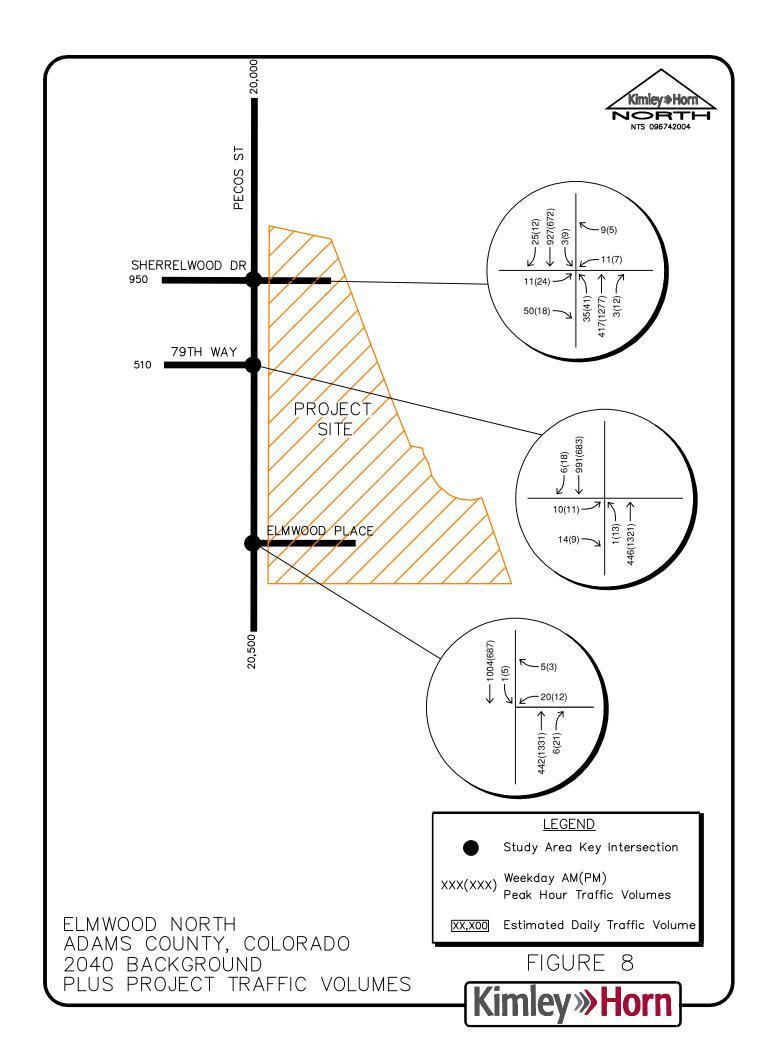


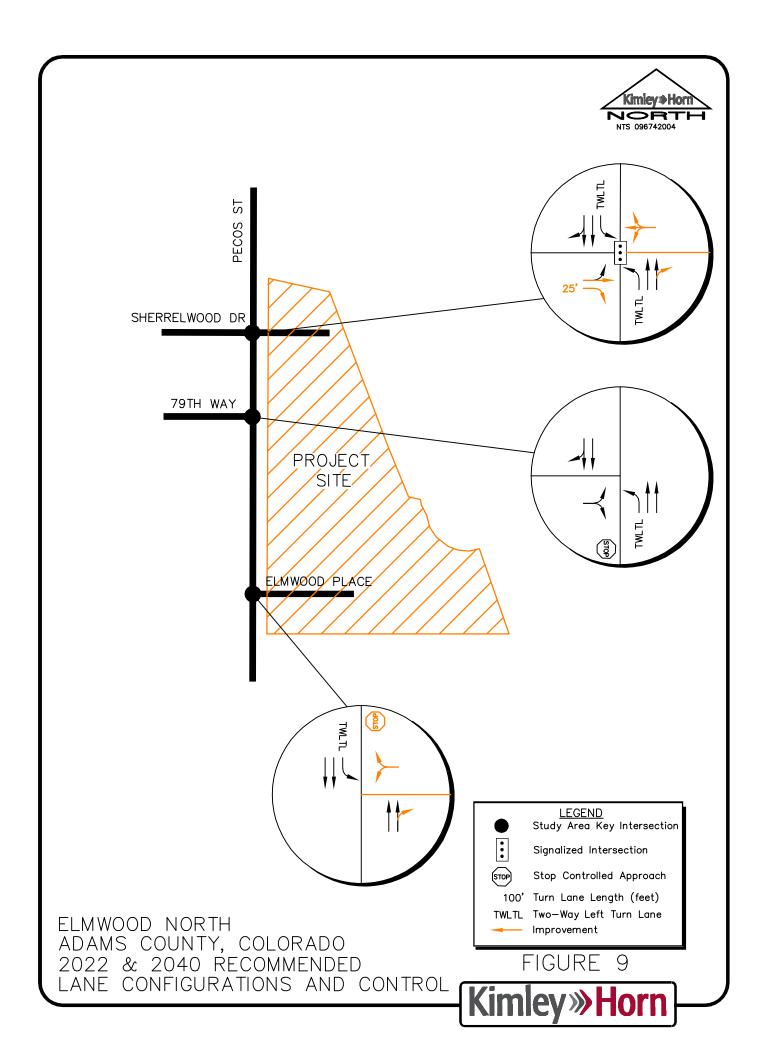














Adams, CO Elmwood North AM Peak 79th Way and Pecos St File Name: 79th and Pecos AM

Site Code : IPO 494 Start Date : 3/10/2020

Page No : 1

Groups Printed- Automobiles - Bicycle and Pedestrian

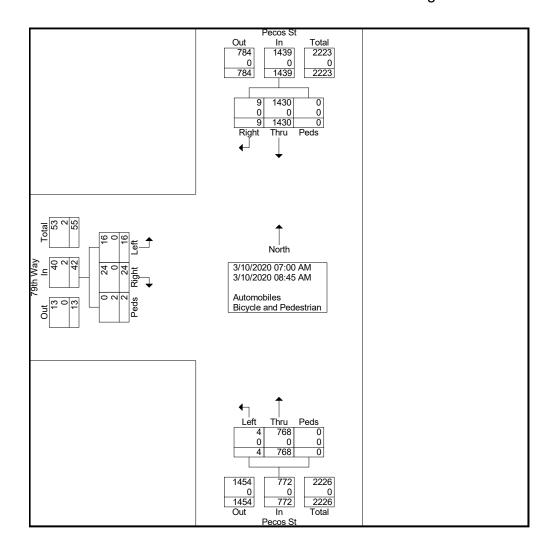
				Groups Pr	intea- Aut	omobiles	- Bicycie	and Pedes	ırıan				
		79th	Way				os St		Pecos St				
		Eastl	oound			North	bound				bound		
Start Time	Left	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
07:00 AM	2	4	0	6	0	59	0	59	185	3	0	188	253
07:15 AM	1	3	0	4	0	78	0	78	216	1	0	217	299
07:30 AM	4	4	0	8	1	97	0	98	225	0	0	225	331
07:45 AM	2	2	2	6	0	111	0	111	233	1	0	234	351
Total	9	13	2	24	1	345	0	346	859	5	0	864	1234
													'
08:00 AM	2	4	0	6	0	110	0	110	212	3	0	215	331
08:15 AM	2	4	0	6	2	113	0	115	134	1	0	135	256
08:30 AM	1	2	0	3	1	109	0	110	134	0	0	134	247
08:45 AM	2	1	0	3	0	91	0	91	91	0	0	91	185
Total	7	11	0	18	3	423	0	426	571	4	0	575	1019
<u>'</u>													
Grand Total	16	24	2	42	4	768	0	772	1430	9	0	1439	2253
Apprch %	38.1	57.1	4.8		0.5	99.5	0		99.4	0.6	0		
Total %	0.7	1.1	0.1	1.9	0.2	34.1	0	34.3	63.5	0.4	0	63.9	
Automobiles	16	24	0	40	4	768	0	772	1430	9	0	1439	2251
% Automobiles	100	100	0	95.2	100	100	0	100	100	100	0	100	99.9
Bicycle and Pedestrian	0	0	2	2	0	0	0	0	0	0	0	0	2
% Bicycle and Pedestrian	0	0	100	4.8	0	0	0	0	0	0	0	0	0.1



Adams, CO Elmwood North AM Peak 79th Way and Pecos St File Name: 79th and Pecos AM

Site Code : IPO 494 Start Date : 3/10/2020

Page No : 2





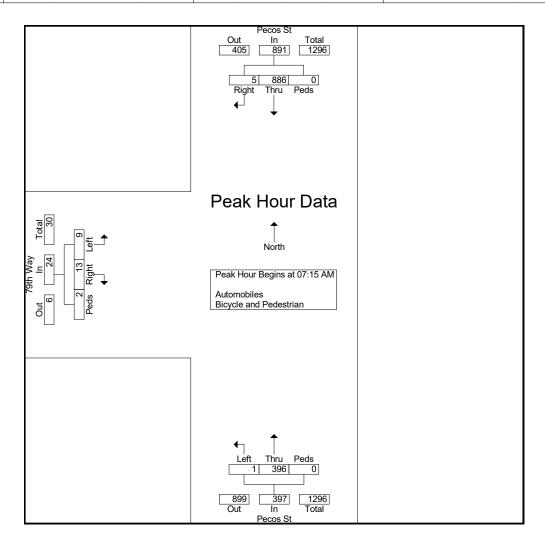
Adams, CO Elmwood North AM Peak 79th Way and Pecos St

File Name: 79th and Pecos AM

Site Code : IPO 494 Start Date : 3/10/2020

Page No : 3

		79th			Ped	os St		Pecos St					
		East	bound		Northbound			Southbound					
Start Time	Left	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1													
Peak Hour for Enti	ire Interse	ction Beg	gins at 07	:15 AM									
07:15 AM	1	3	0	4	0	78	0	78	216	1	0	217	299
07:30 AM	4	4	0	8	1	97	0	98	225	0	0	225	331
07:45 AM	2	2	2	6	0	111	0	111	233	1	0	234	351
08:00 AM	2	4	0	6	0	110	0	110	212	3	0	215	331
Total Volume	9	13	2	24	1	396	0	397	886	5	0	891	1312
% App. Total	37.5	54.2	8.3		0.3	99.7	0		99.4	0.6	0		
PHF	.563	.813	.250	.750	.250	.892	.000	.894	.951	.417	.000	.952	.934





Adams, CO Elmwood North PM Peak 79th Way and Pecos St File Name: 79th and Pecos PM

Site Code : IPO 494 Start Date : 3/10/2020

Page No : 1

Groups Printed- Automobiles - Bicycle and Pedestrian

		704-	14/	Отопротт	intoa 7 tat			ana r odoo	triari	De -	0+		
			Way				os St				os St		
			oound				bound				bound		
Start Time	Left	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
04:00 PM	3	1	0	4	4	290	0	294	175	1	0	176	474
04:15 PM	1	1	2	4	1	307	0	308	136	3	0	139	451
04:30 PM	0	5	3	8	4	282	0	286	153	6	0	159	453
04:45 PM	3	3	1	7	4	274	0	278	141	3	0	144	429
Total	7	10	6	23	13	1153	0	1166	605	13	0	618	1807
05:00 PM	3	0	0	3	2	288	0	290	156	3	0	159	452
05:15 PM	4	0	0	4	2	338	0	340	157	4	0	161	505
05:30 PM	5	2	0	7	5	252	0	257	137	5	0	142	406
05:45 PM	0	4	0	4	3	258	0	261	141	2	0	143	408
Total	12	6	0	18	12	1136	0	1148	591	14	0	605	1771
Grand Total	19	16	6	41	25	2289	0	2314	1196	27	0	1223	3578
Apprch %	46.3	39	14.6		1.1	98.9	0		97.8	2.2	0		
Total %	0.5	0.4	0.2	1.1	0.7	64	0	64.7	33.4	8.0	0	34.2	
Automobiles	19	16	0	35	25	2289	0	2314	1196	27	0	1223	3572
% Automobiles	100	100	0	85.4	100	100	0	100	100	100	0	100	99.8
Bicycle and Pedestrian	0	0	6	6	0	0	0	0	0	0	0	0	6
% Bicycle and Pedestrian	0	0	100	14.6	0	0	0	0	0	0	0	0	0.2

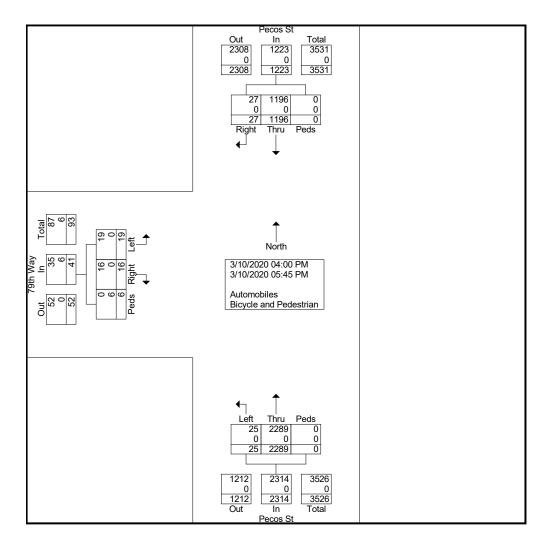


Adams, CO Elmwood North PM Peak

79th Way and Pecos St

File Name: 79th and Pecos PM

Site Code : IPO 494 Start Date : 3/10/2020





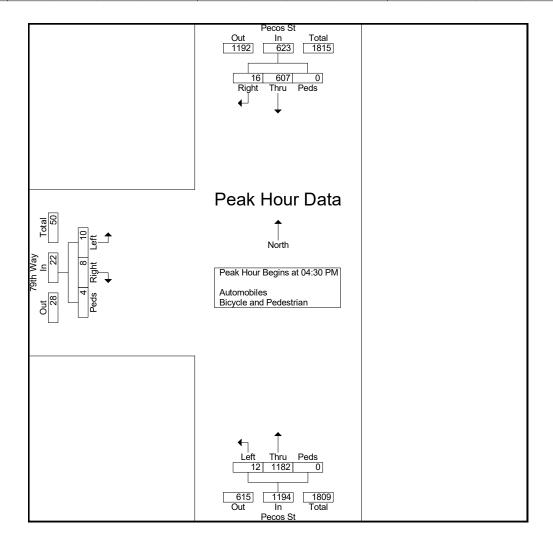
Adams, CO Elmwood North PM Peak

79th Way and Pecos St

File Name: 79th and Pecos PM

Site Code : IPO 494 Start Date : 3/10/2020

		79th	Way			Pec	os St			Pec	os St		
		East	bound			North	bound			South	nbound		
Start Time	Left	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysi	is From 04	1:00 PM t	o 05:45 F	PM - Peak 1	of 1								
Peak Hour for Enti	re Interse	ction Beg	ins at 04	:30 PM									
04:30 PM	0	5	3	8	4	282	0	286	153	6	0	159	453
04:45 PM	3	3	1	7	4	274	0	278	141	3	0	144	429
05:00 PM	3	0	0	3	2	288	0	290	156	3	0	159	452
05:15 PM	4	0	0	4	2	338	0	340	157	4	0	161	505
Total Volume	10	8	4	22	12	1182	0	1194	607	16	0	623	1839
% App. Total	45.5	36.4	18.2		1	99	0		97.4	2.6	0		
PHF	.625	.400	.333	.688	.750	.874	.000	.878	.967	.667	.000	.967	.910





Adams, CO Elmwood North AM Peak Sherrelwood Dr and Pecos St File Name: Sherrelwood and Pecos AM

Site Code : IPO 494 Start Date : 3/10/2020

Page No : 1

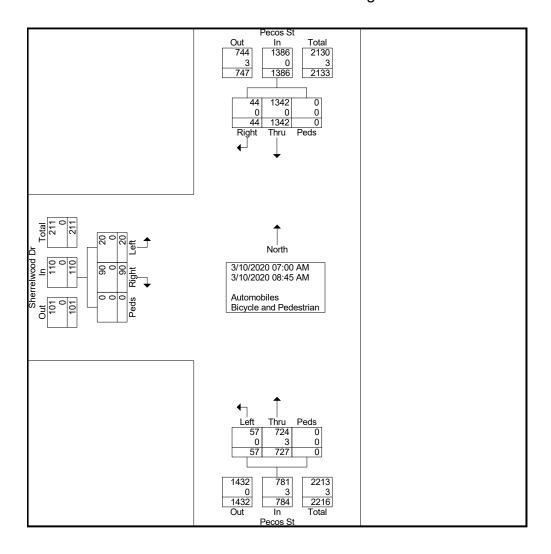
Groups Printed- Automobiles - Bicycle and Pedestrian

			wood Dr		mod / tat	Pec	os St	and rodge			os St		
Start Time	Left		Peds	App. Total	Left	North Thru	Peds	App. Total	Thru		bound Peds	App. Total	Int. Total
		Right								Right		- ' '	
07:00 AM	0	11	0	11	0	59	0	59	178	6	0	184	254
07:15 AM	2	14	0	16	4	77	0	81	201	4	0	205	302
07:30 AM	2	8	0	10	5	96	0	101	218	4	0	222	333
07:45 AM	2	10	0	12	11	101	0	112	214	6	0	220	344
Total	6	43	0	49	20	333	0	353	811	20	0	831	1233
08:00 AM	4	13	0	17	12	99	0	111	205	9	0	214	342
08:15 AM	2	10	0	12	5	113	0	118	123	6	0	129	259
08:30 AM	7	14	0	21	16	93	0	109	123	8	0	131	261
08:45 AM	1	10	0	11	4	89	0	93	80	1	0	81	185
Total	14	47	0	61	37	394	0	431	531	24	0	555	1047
Grand Total	20	90	0	110	57	727	0	784	1342	44	0	1386	2280
Apprch %	18.2	81.8	0		7.3	92.7	0		96.8	3.2	0		
Total %	0.9	3.9	0	4.8	2.5	31.9	0	34.4	58.9	1.9	0	60.8	
Automobiles	20	90	0	110	57	724	0	781	1342	44	0	1386	2277
% Automobiles	100	100	0	100	100	99.6	0	99.6	100	100	0	100	99.9
Bicycle and Pedestrian	0	0	0	0	0	3	0	3	0	0	0	0	3
% Bicycle and Pedestrian	0	0	0	0	0	0.4	0	0.4	0	0	0	0	0.1



Adams, CO Elmwood North AM Peak Sherrelwood Dr and Pecos St File Name: Sherrelwood and Pecos AM

Site Code : IPO 494 Start Date : 3/10/2020

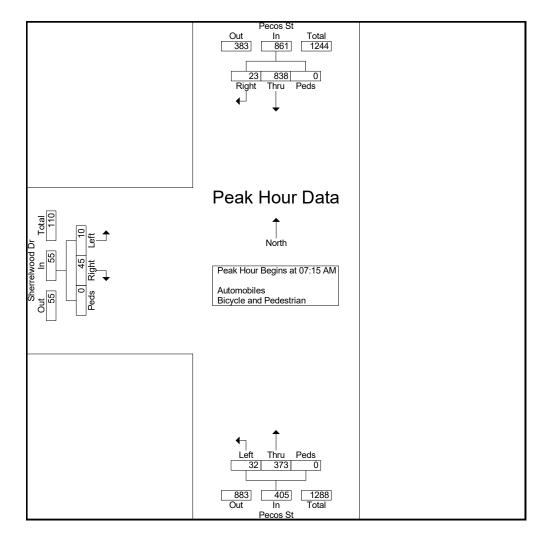




Adams, CO Elmwood North AM Peak Sherrelwood Dr and Pecos St File Name: Sherrelwood and Pecos AM

Site Code : IPO 494 Start Date : 3/10/2020

		Sherrel	wood Dr			Pec	os St			Pec	os St		
		East	oound			North	bound			South	bound		
Start Time	Left	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysi	is From 07	7:00 AM to	o 08:45 A	AM - Peak 1	of 1					•			
Peak Hour for Enti	ire Interse	ction Beg	ins at 07	:15 AM									
07:15 AM	2	14	0	16	4	77	0	81	201	4	0	205	302
07:30 AM	2	8	0	10	5	96	0	101	218	4	0	222	333
07:45 AM	2	10	0	12	11	101	0	112	214	6	0	220	344
08:00 AM	4	13	0	17	12	99	0	111	205	9	0	214	342
Total Volume	10	45	0	55	32	373	0	405	838	23	0	861	1321
% App. Total	18.2	81.8	0		7.9	92.1	0		97.3	2.7	0		
PHF	.625	.804	.000	.809	.667	.923	.000	.904	.961	.639	.000	.970	.960





Adams, CO Elmwood North PM Peak Sherrelwood Dr and Pecos St File Name: Sherrelwood and Pecos PM

Site Code : IPO 494 Start Date : 3/10/2020

Page No : 1

Groups Printed- Automobiles - Bicycle and Pedestrian

		Sherrel	wood Dr		intou- Aut		os St	and Pedes	шап	Pec	os St		
		Easth				North	bound				bound		
Start Time	Left	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
04:00 PM	12	13	0	25	13	279	0	292	160	11	0	171	488
04:15 PM	11	5	0	16	9	300	0	309	127	3	0	130	455
04:30 PM	5	4	0	9	9	274	0	283	158	6	0	164	456
04:45 PM	5	5	0	10	8	268	0	276	135	1	0	136	422
Total	33	27	0	60	39	1121	0	1160	580	21	0	601	1821
05:00 PM	5	6	0	11	11	280	0	291	153	2	0	155	457
05:15 PM	7	1	0	8	9	331	0	340	158	2	0	160	508
05:30 PM	1	3	0	4	11	242	0	253	142	3	0	145	402
05:45 PM	3	5	0	8	7	258	0	265	135	5	0	140	413
Total	16	15	0	31	38	1111	0	1149	588	12	0	600	1780
·				,				·					
Grand Total	49	42	0	91	77	2232	0	2309	1168	33	0	1201	3601
Apprch %	53.8	46.2	0		3.3	96.7	0		97.3	2.7	0		
Total %	1.4	1.2	0	2.5	2.1	62	0	64.1	32.4	0.9	0	33.4	
Automobiles	49	42	0	91	77	2229	0	2306	1167	33	0	1200	3597
% Automobiles	100	100	0	100	100	99.9	0	99.9	99.9	100	0	99.9	99.9
Bicycle and Pedestrian	0	0	0	0	0	3	0	3	1	0	0	1	4
% Bicycle and Pedestrian	0	0	0	0	0	0.1	0	0.1	0.1	0	0	0.1	0.1

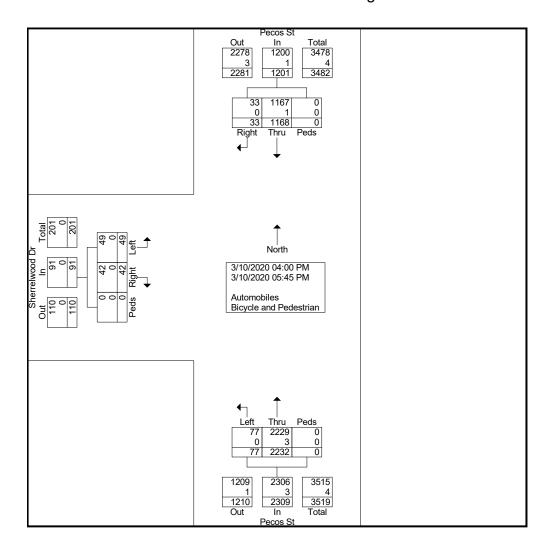


Adams, CO **Elmwood North** PM Peak

Sherrelwood Dr and Pecos St

File Name: Sherrelwood and Pecos PM

Site Code : IPO 494 Start Date : 3/10/2020

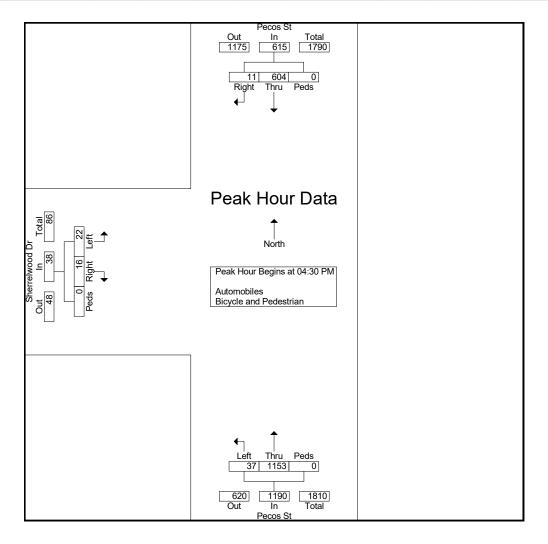




Adams, CO Elmwood North PM Peak Sherrelwood Dr and Pecos St File Name: Sherrelwood and Pecos PM

Site Code : IPO 494 Start Date : 3/10/2020

		Sherrel	wood Dr			Pec	os St			Pec	os St		
		Eastl	oound			North	bound			South	bound		
Start Time	Left	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysi	is From 0	4:00 PM t	o 05:45 l	PM - Peak 1	of 1							•	
Peak Hour for Enti	ire Interse	ction Beg	ins at 04	:30 PM									
04:30 PM	5	4	0	9	9	274	0	283	158	6	0	164	456
04:45 PM	5	5	0	10	8	268	0	276	135	1	0	136	422
05:00 PM	5	6	0	11	11	280	0	291	153	2	0	155	457
05:15 PM	7	1	0	8	9	331	0	340	158	2	0	160	508
Total Volume	22	16	0	38	37	1153	0	1190	604	11	0	615	1843
% App. Total	57.9	42.1	0		3.1	96.9	0		98.2	1.8	0		
PHF	.786	.667	.000	.864	.841	.871	.000	.875	.956	.458	.000	.938	.907





Project	Elmwood North				
Subject	Trip Generation fo	r Single-Family De	tached Housing		
Designed by	TES	Date	April 01, 2020	Job No.	96742004.000
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

7 + 27 = 34

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

Average Weekday Directional Distribution: 63% ent. exit. Average Vehicle Trip Ends Ln(T) = 0.96 Ln(X) + 0.2043 Ln(T) = 0.96 *27 Ln(41) + 0.20 entering 16 exiting 27 16 43

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

Average Saturday Directional Distribution: 54% ent. 46% exit. (T) = 0.84 (X) + 17.99 T = 52 Average Vehicle Trip Ends (T) = 0.84 * (41) + 17.99 28 entering 24 exiting

28 + 24 = 52

Weekday (200 Series Page 2)

229 + 229 = 458



Project	Elmwood North						
Subject	Trip Generation for	r Multifamily Housi	ing (Low-Rise)				
Designed by	TES	Date	April 01, 2020	Job No.	96	742004	.000
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)

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 20 + 11 = 31

Weekday (Series 200 Page 31)

161

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

8 + 10 = not ok

161

322

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Lane Group	EBL	NBL	NBT	SBT	
Lane Configurations	¥	ሻ	^	ħβ	
Traffic Volume (vph)	10	32	373	838	
Future Volume (vph)	10	32	373	838	
Turn Type	Prot	Perm	NA	NA	
Protected Phases	4		2	6	
Permitted Phases		2			
Detector Phase	4	2	2	6	
Switch Phase					
Minimum Initial (s)	5.0	5.0	5.0	5.0	
Minimum Split (s)	24.5	24.5	24.5	24.5	
Total Split (s)	30.0	60.0	60.0	60.0	
Total Split (%)	33.3%	66.7%	66.7%	66.7%	
Yellow Time (s)	4.5	4.5	4.5	4.5	
All-Red Time (s)	2.0	2.0	2.0	2.0	
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	
Total Lost Time (s)	6.5	6.5	6.5	6.5	
Lead/Lag	0.0				
Lead-Lag Optimize?					
Recall Mode	None	C-Max	C-Max	C-Max	
Act Effct Green (s)	7.1	73.6	73.6	73.6	
Actuated g/C Ratio	0.08	0.82	0.82	0.82	
v/c Ratio	0.40	0.10	0.14	0.32	
Control Delay	21.8	3.4	2.6	3.1	
Queue Delay	0.0	0.0	0.0	0.0	
Total Delay	21.8	3.4	2.6	3.1	
LOS	Z 1.0	A	Α.	Α	
Approach Delay	21.8	Λ	2.6	3.1	
Approach LOS	Z 1.0		2.0 A	A	
	C		А	А	
Intersection Summary					
Cycle Length: 90					
Actuated Cycle Length: 90					
Offset: 0 (0%), Referenced	I to phase 2	:NBTL ar	nd 6:SBT,	Start of	Green
Natural Cycle: 50					
Control Type: Actuated-Co	ordinated				
Maximum v/c Ratio: 0.40					
Intersection Signal Delay:	3.9			l	tersection LOS: A
Intersection Capacity Utiliz		, 0			U Level of Service A
Analysis Period (min) 15					
Splits and Phases: 1: Pe	ecos St & S	herrelwoo	od Dr		
Ø2 (R)					
1 1/2 (K)					
I					
1 1					

	ၨ	•	4	†	ļ	4
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	¥		ሻ	^	†	
Traffic Volume (veh/h)	10	45	32	373	838	23
Future Volume (veh/h)	10	45	32	373	838	23
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00	•	•	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No	1.00	1.00	No	No	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1870	1870	1870	1870
Adj Flow Rate, veh/h	16	56	48	405	873	36
Peak Hour Factor	0.63	0.80	0.67	0.92	0.96	0.64
Percent Heavy Veh, %	0	0	2	2	2	2
Cap, veh/h	20	71	528	2837	2777	115
Arrive On Green	0.06	0.06	0.80	0.80	0.80	0.80
Sat Flow, veh/h	357	1249	614	3647	3571	143
Grp Volume(v), veh/h	73	0	48	405	446	463
Grp Sat Flow(s), veh/h/ln	1628	0	614	1777	1777	1845
Q Serve(g_s), s	4.0	0.0	2.1	2.3	6.1	6.1
Cycle Q Clear(g_c), s	4.0	0.0	8.1	2.3	6.1	6.1
Prop In Lane	0.22	0.77	1.00			0.08
Lane Grp Cap(c), veh/h	93	0	528	2837	1419	1473
V/C Ratio(X)	0.78	0.00	0.09	0.14	0.31	0.31
Avail Cap(c_a), veh/h	425	0	528	2837	1419	1473
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00
	41.9	0.00	3.5	2.1	2.4	2.4
Uniform Delay (d), s/veh						
Incr Delay (d2), s/veh	13.4	0.0	0.3	0.1	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	0.0	0.2	0.5	1.4	1.4
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	55.2	0.0	3.9	2.2	3.0	3.0
LnGrp LOS	E	Α	Α	A	Α	A
Approach Vol, veh/h	73			453	909	
Approach Delay, s/veh	55.2			2.4	3.0	
Approach LOS	Е			Α	Α	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		78.4		11.6		78.4
Change Period (Y+Rc), s		6.5		6.5		6.5
Max Green Setting (Gmax), s		53.5		23.5		53.5
Max Q Clear Time (g_c+l1), s		10.1		6.0		8.1
Green Ext Time (p_c), s		3.4		0.2		6.7
Intersection Summary						
HCM 6th Ctrl Delay			5.5			
HCM 6th LOS			A			
Notes						

	•	•	†	↓			
Lane Group	EBL	NBL	NBT	SBT			
Lane Configurations	W	ሻ	^	↑ ↑			
Traffic Volume (vph)	22	37	1153	604			
Future Volume (vph)	22	37	1153	604			
Turn Type	Prot	Perm	NA	NA			
Protected Phases	4		2	6			
Permitted Phases		2					
Detector Phase	4	2	2	6			
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	5.0			
Minimum Split (s)	24.5	24.5	24.5	24.5			
Total Split (s)	28.0	92.0	92.0	92.0			
Total Split (%)	23.3%	76.7%	76.7%	76.7%			
Yellow Time (s)	4.5	4.5	4.5	4.5			
All-Red Time (s)	2.0	2.0	2.0	2.0			
Lost Time Adjust (s)	0.0	0.0	0.0	0.0			
Total Lost Time (s)	6.5	6.5	6.5	6.5			
Lead/Lag	0.5	0.5	0.5	0.5			
Lead-Lag Optimize?							
Recall Mode	None	C-Max	C-Max	C-Max			
Act Effct Green (s)	7.7	103.0	103.0	103.0			
Actuated g/C Ratio	0.06	0.86	0.86	0.86			
v/c Ratio	0.00	0.00	0.00	0.00			
	41.7		3.2	2.2			
Control Delay		2.5					
Queue Delay	0.0	0.0	0.0	0.0			
Total Delay	41.7	2.5	3.2	2.2			
LOS	D	Α	A	A			
Approach Delay	41.7		3.2	2.2			
Approach LOS	D		Α	Α			
Intersection Summary							
Cycle Length: 120							
Actuated Cycle Length: 12							
Offset: 0 (0%), Referenced	d to phase 2	2:NBTL ar	nd 6:SBT	Start of	Green		
Natural Cycle: 60							
Control Type: Actuated-Co	ordinated						
Maximum v/c Ratio: 0.44							
Intersection Signal Delay:	3.8			lı	ntersection LOS: A		
Intersection Capacity Utiliz	ation 46.9%	6		[(CU Level of Service A		
Analysis Period (min) 15							
Califo and Dhases 4. D	0000 Ct 0 0	horrolius	od Dr				
Splits and Phases: 1: Po	ecos St & S	nerreiwo	טמ טר			- I A	
√T ø2 (R)						♪ _{Ø4}	
92 s						28 s	
∮ Ø6 (R)							
92 S							

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Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	¥		ኘ	^	↑ ↑	OBI (
Traffic Volume (veh/h)	22	16	37	1153	604	11
Future Volume (veh/h)	22	16	37	1153	604	11
Initial Q (Qb), veh	0	0	0	0	004	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00	U	U	1.00
	1.00		1.00	1.00	1.00	1.00
Parking Bus, Adj		1.00	1.00			1.00
Work Zone On Approach	No	4000	4070	No	No	4070
Adj Sat Flow, veh/h/ln	1900	1900	1870	1870	1870	1870
Adj Flow Rate, veh/h	28	24	44	1325	629	24
Peak Hour Factor	0.79	0.67	0.84	0.87	0.96	0.46
Percent Heavy Veh, %	0	0	2	2	2	2
Cap, veh/h	36	31	698	3026	2972	113
Arrive On Green	0.04	0.04	0.85	0.85	0.85	0.85
Sat Flow, veh/h	892	764	779	3647	3584	133
Grp Volume(v), veh/h	53	0	44	1325	320	333
Grp Sat Flow(s), veh/h/ln	1688	0	779	1777	1777	1846
Q Serve(g_s), s	3.7	0.0	1.3	10.6	3.9	3.9
Cycle Q Clear(g_c), s	3.7	0.0	5.2	10.6	3.9	3.9
Prop In Lane	0.53	0.45	1.00	10.0	5.5	0.07
	68		698	3026	1512	1572
Lane Grp Cap(c), veh/h		0			1513	
V/C Ratio(X)	0.78	0.00	0.06	0.44	0.21	0.21
Avail Cap(c_a), veh/h	302	0	698	3026	1513	1572
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	57.1	0.0	2.1	2.1	1.6	1.6
Incr Delay (d2), s/veh	17.4	0.0	0.2	0.5	0.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	0.0	0.2	2.1	0.9	0.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	74.4	0.0	2.3	2.6	1.9	1.9
LnGrp LOS	E	A	Α	Α	A	A
Approach Vol, veh/h	53	/\	/\	1369	653	
	74.4			2.6	1.9	
Approach LOS						
Approach LOS	Е			Α	Α	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		108.7		11.3		108.7
Change Period (Y+Rc), s		6.5		6.5		6.5
Max Green Setting (Gmax), s		85.5		21.5		85.5
Max Q Clear Time (g_c+l1), s		12.6		5.7		5.9
Green Ext Time (p_c), s		15.2		0.1		4.4
Intersection Summary						
HCM 6th Ctrl Delay			4.2			
HCM 6th LOS			Α			
Notes						

	٠	4	†	↓		
Lane Group	EBL	NBL	NBT	SBT		
Lane Configurations	¥	*	^	† ‡		
Traffic Volume (vph)	10	32	377	846		
Future Volume (vph)	10	32	377	846		
Turn Type	Prot	Perm	NA	NA		
Protected Phases	4	1 01111	2	6		
Permitted Phases	•	2	_			
Detector Phase	4	2	2	6		
Switch Phase	•	_	_			
Minimum Initial (s)	5.0	5.0	5.0	5.0		
Minimum Split (s)	24.5	24.5	24.5	24.5		
Total Split (s)	30.0	60.0	60.0	60.0		
Total Split (%)	33.3%	66.7%	66.7%	66.7%		
Yellow Time (s)	4.5	4.5	4.5	4.5		
All-Red Time (s)	2.0	2.0	2.0	2.0		
Lost Time Adjust (s)	0.0	0.0	0.0	0.0		
Total Lost Time (s)	6.5	6.5	6.5	6.5		
Lead/Lag	0.5	0.3	0.0	0.5		
Lead-Lag Optimize?						
Recall Mode	None	C-Max	C-Max	C-Max		
	7.1	73.6	73.6	73.6		
Act Effct Green (s)	0.08		0.82	0.82		
Actuated g/C Ratio		0.82	0.62			
v/c Ratio	0.40	0.10		0.32		
Control Delay	21.8	3.4	2.6	3.1		
Queue Delay	0.0	0.0	0.0	0.0		
Total Delay	21.8	3.4	2.6	3.1		
LOS	C	Α	A	A		
Approach Delay	21.8		2.6	3.1		
Approach LOS	С		Α	Α		
Intersection Summary						
Cycle Length: 90						
Actuated Cycle Length: 90	0					
Offset: 0 (0%), Reference	d to phase 2	::NBTL ar	nd 6:SBT	Start of	Green	
Natural Cycle: 50						
Control Type: Actuated-Co	oordinated					
Maximum v/c Ratio: 0.40						
Intersection Signal Delay:	3.9				ntersection LOS: A	
Intersection Capacity Utili		,			CU Level of Service A	
Analysis Period (min) 15					2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Splits and Phases: 1: F	Pecos St & S	horrolwo	od Dr			
Spills and Phases. 1. P	2008 St & S	neneiwo	טמ טו			
ÿ2 (R)						Ø4
60 s						30 s
▼ Ø6 (R)						

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Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	W		ች	^	↑ ↑	
Traffic Volume (veh/h)	10	45	32	377	846	23
Future Volume (veh/h)	10	45	32	377	846	23
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00			1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No	1.00	1.00	No	No	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1870	1870	1870	1870
Adj Flow Rate, veh/h	16	56	48	410	881	36
Peak Hour Factor	0.63	0.80	0.67	0.92	0.96	0.64
Percent Heavy Veh, %	0.03	0.00	2	2	2	2
Cap, veh/h	20	71	525	2837	2778	114
Arrive On Green	0.06	0.06	0.80	0.80	0.80	0.80
	357	1249	609	3647	3573	142
Sat Flow, veh/h						
Grp Volume(v), veh/h	73	0	48	410	450	467
Grp Sat Flow(s), veh/h/ln	1628	0	609	1777	1777	1845
Q Serve(g_s), s	4.0	0.0	2.1	2.4	6.2	6.2
Cycle Q Clear(g_c), s	4.0	0.0	8.2	2.4	6.2	6.2
Prop In Lane	0.22	0.77	1.00			0.08
Lane Grp Cap(c), veh/h	93	0	525	2837	1419	1473
V/C Ratio(X)	0.78	0.00	0.09	0.14	0.32	0.32
Avail Cap(c_a), veh/h	425	0	525	2837	1419	1473
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.9	0.0	3.6	2.1	2.4	2.4
Incr Delay (d2), s/veh	13.4	0.0	0.3	0.1	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	0.0	0.2	0.5	1.4	1.4
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	55.2	0.0	3.9	2.2	3.0	3.0
LnGrp LOS	E	A	A	A	A	A
Approach Vol, veh/h	73	/\	/\	458	917	
Approach Delay, s/veh	55.2			2.4	3.0	
Approach LOS	55.Z F			2.4 A	3.0 A	
Approach LOS				A	А	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		78.4		11.6		78.4
Change Period (Y+Rc), s		6.5		6.5		6.5
Max Green Setting (Gmax), s		53.5		23.5		53.5
Max Q Clear Time (g_c+l1), s		10.2		6.0		8.2
Green Ext Time (p_c), s		3.5		0.2		6.8
(1 =)		3.0		V.E		0.0
Intersection Summary						
HCM 6th Ctrl Delay			5.4			
HCM 6th LOS			Α			
Notes						

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Lane Group	EBL	NBL	NBT	SBT	
Lane Configurations	¥	ሻ	^	∱ Ъ	
Traffic Volume (vph)	22	37	1165	610	
Future Volume (vph)	22	37	1165	610	
Turn Type	Prot	Perm	NA	NA	
Protected Phases	4		2	6	
Permitted Phases	<u> </u>	2			
Detector Phase	4	2	2	6	
Switch Phase	<u> </u>	_			
Minimum Initial (s)	5.0	5.0	5.0	5.0	
Minimum Split (s)	24.5	24.5	24.5	24.5	
Total Split (s)	28.0	92.0	92.0	92.0	
Total Split (%)	23.3%	76.7%	76.7%	76.7%	
Yellow Time (s)	4.5	4.5	4.5	4.5	
All-Red Time (s)	2.0	2.0	2.0	2.0	
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	
Total Lost Time (s)	6.5	6.5	6.5	6.5	
Lead/Lag	0.5	0.5	0.5	0.5	
Lead-Lag Optimize?					
Recall Mode	None	C-Max	C-Max	C-Max	
Act Effct Green (s)	None 7.7	103.0	103.0	103.0	
()					
Actuated g/C Ratio	0.06	0.86	0.86	0.86	
v/c Ratio	0.39	0.07	0.44	0.22	
Control Delay	41.7	2.5	3.2	2.2	
Queue Delay	0.0	0.0	0.0	0.0	
Total Delay	41.7	2.5	3.2	2.2	
LOS	D	Α	Α	Α	
Approach Delay	41.7		3.2	2.2	
Approach LOS	D		Α	Α	
Intersection Summary					
Cycle Length: 120					
Actuated Cycle Length: 120					
Offset: 0 (0%), Referenced	to phase 2	2:NBTL ar	nd 6:SBT	Start of	Green
Natural Cycle: 60					
Control Type: Actuated-Co	ordinated				
Maximum v/c Ratio: 0.44					
Intersection Signal Delay: 3	3.8			lı	ntersection LOS: A
Intersection Capacity Utiliz	ation 47.2%	6		[(CU Level of Service A
Analysis Period (min) 15					
Oulite and Discours 4. Di		ا مسمعا	- 4 D-		
Splits and Phases: 1: Pe	ecos St & S	rierreiwo	טמ טר		Γ Δ
√Tø2 (R)					<i>→</i> _{Ø4}
92 s					28 s
▼ Ø6 (R)					
92 s					

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Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	¥		ሻ	^	↑ ↑	
Traffic Volume (veh/h)	22	16	37	1165	610	11
Future Volume (veh/h)	22	16	37	1165	610	11
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00	•		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No	1.00	1.00	No	No	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1870	1870	1870	1870
						24
Adj Flow Rate, veh/h	28	24	44	1339	635	
Peak Hour Factor	0.79	0.67	0.84	0.87	0.96	0.46
Percent Heavy Veh, %	0	0	2	2	2	2
Cap, veh/h	36	31	694	3026	2973	112
Arrive On Green	0.04	0.04	0.85	0.85	0.85	0.85
Sat Flow, veh/h	892	764	775	3647	3585	132
Grp Volume(v), veh/h	53	0	44	1339	323	336
Grp Sat Flow(s), veh/h/ln	1688	0	775	1777	1777	1847
Q Serve(g_s), s	3.7	0.0	1.3	10.8	4.0	4.0
Cycle Q Clear(g_c), s	3.7	0.0	5.3	10.8	4.0	4.0
Prop In Lane	0.53	0.45	1.00	10.0	7.0	0.07
Lane Grp Cap(c), veh/h	68	0.45	694	3026	1513	1572
V/C Ratio(X)	0.78	0.00	0.06	0.44	0.21	0.21
Avail Cap(c_a), veh/h	302	0	694	3026	1513	1572
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	57.1	0.0	2.1	2.1	1.6	1.6
Incr Delay (d2), s/veh	17.4	0.0	0.2	0.5	0.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	0.0	0.2	2.2	0.9	0.9
Unsig. Movement Delay, s/vel						
LnGrp Delay(d),s/veh	74.4	0.0	2.3	2.6	1.9	1.9
LnGrp LOS	E	A	Α	Α	A	A
Approach Vol, veh/h	53	, , , , , , , , , , , , , , , , , , ,	,,	1383	659	
• •	74.4				1.9	
Approach LOS	74.4 F			2.6		
Approach LOS	E			Α	Α	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		108.7		11.3		108.7
Change Period (Y+Rc), s		6.5		6.5		6.5
Max Green Setting (Gmax), s		85.5		21.5		85.5
Max Q Clear Time (g_c+l1), s		12.8		5.7		6.0
Green Ext Time (p_c), s		15.5		0.1		4.4
Intersection Summary						
HCM 6th Ctrl Delay			4.2			
HCM 6th LOS			Α			
Notes						

1: Pecos St & Sherrelwood Dr

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Lane Group	EBT	WBT	NBL	NBT	SBL	SBT	Ø3	Ø7	
Lane Configurations	4	4	ሻ	∱ î≽	7	∱ ∱			
Traffic Volume (vph)	0	0	32	382	3	847			
Future Volume (vph)	0	0	32	382	3	847			
Turn Type	NA	NA	Perm	NA	Perm	NA			
Protected Phases	4	8		2		6	3	7	
Permitted Phases			2		6				
Detector Phase	4	8	2	2	6	6			
Switch Phase									
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
Minimum Split (s)	24.5	22.5	24.5	24.5	24.5	24.5	9.5	24.5	
Total Split (s)	37.5	22.5	43.0	43.0	43.0	43.0	9.5	24.5	
Total Split (%)	41.7%	25.0%	47.8%	47.8%	47.8%	47.8%	11%	27%	
Yellow Time (s)	4.5	3.5	4.5	4.5	4.5	4.5	3.5	4.5	
All-Red Time (s)	2.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0	
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0			
Total Lost Time (s)	6.5	4.5	6.5	6.5	6.5	6.5			
Lead/Lag	Lag	Lag					Lead	Lead	
Lead-Lag Optimize?	Yes	Yes					Yes	Yes	
Recall Mode	None	None	C-Max	C-Max	C-Max	C-Max	None	None	
Act Effct Green (s)	0.0	0.0	68.2	68.2	68.2	68.2			
Actuated g/C Ratio	0.00	0.00	0.76	0.76	0.76	0.76			
v/c Ratio	0.60	0.11	0.11	0.16	0.00	0.34			
Control Delay	23.1	1.1	10.0	6.7	10.3	7.9			
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0			
Total Delay	23.1	1.1	10.0	6.7	10.3	7.9			
LOS	С	Α	Α	Α	В	Α			
Approach Delay	23.1	1.1		7.1		7.9			
Approach LOS	С	Α		Α		Α			

Intersection Summary

Cycle Length: 90 Actuated Cycle Length: 90

Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green

Natural Cycle: 75

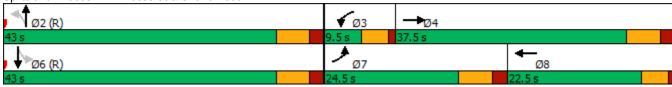
Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.60

Intersection Signal Delay: 8.3 Intersection LOS: A ICU Level of Service A

Analysis Period (min) 15





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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4		ሻ	∱ ኈ		ሻ	ተ ኈ	
Traffic Volume (veh/h)	10	0	45	11	0	9	32	382	3	3	847	23
Future Volume (veh/h)	10	0	45	11	0	9	32	382	3	3	847	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	16	0	56	12	0	10	48	415	3	3	882	36
Peak Hour Factor	0.63	0.92	0.80	0.92	0.92	0.92	0.67	0.92	0.92	0.92	0.96	0.64
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	0	0	83	0	0	83	528	2905	21	833	2795	114
Arrive On Green	0.00	0.00	0.05	0.00	0.00	0.05	0.80	0.80	0.80	0.80	0.80	0.80
Sat Flow, veh/h	0	0	1585	0	0	1585	609	3616	26	969	3480	142
Grp Volume(v), veh/h	0	0	56	0	0	10	48	204	214	3	450	468
Grp Sat Flow(s), veh/h/ln	0	0	1585	0	0	1585	609	1777	1866	969	1777	1845
Q Serve(g_s), s	0.0	0.0	3.1	0.0	0.0	0.5	2.0	2.3	2.3	0.1	6.0	6.0
Cycle Q Clear(g_c), s	0.0	0.0	3.1	0.0	0.0	0.5	8.0	2.3	2.3	2.4	6.0	6.0
Prop In Lane	0.00		1.00	0.00		1.00	1.00		0.01	1.00		0.08
Lane Grp Cap(c), veh/h	0	0	83	0	0	83	528	1427	1499	833	1427	1482
V/C Ratio(X)	0.00	0.00	0.68	0.00	0.00	0.12	0.09	0.14	0.14	0.00	0.32	0.32
Avail Cap(c_a), veh/h	0	0	546	0	0	317	528	1427	1499	833	1427	1482
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	0.0	41.9	0.0	0.0	40.7	3.4	2.0	2.0	2.2	2.3	2.3
Incr Delay (d2), s/veh	0.0	0.0	9.3	0.0	0.0	0.6	0.3	0.2	0.2	0.0	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	1.4	0.0	0.0	0.2	0.2	0.5	0.5	0.0	1.3	1.4
Unsig. Movement Delay, s/veh		0.0		0.0	0.0	0.2	0.2	0.0	0.0	0.0	1.0	
LnGrp Delay(d),s/veh	0.0	0.0	51.2	0.0	0.0	41.3	3.7	2.2	2.2	2.2	2.9	2.9
LnGrp LOS	A	A	D	A	A	D	A	A	Α	A	Α	Α
Approach Vol, veh/h		56			10			466		<u>,,, </u>	921	
Approach Delay, s/veh		51.2			41.3			2.3			2.9	
Approach LOS		D D			T 1.3			Α.			Α.3	
					D		_				^	
Timer - Assigned Phs		2	3	4		6	7	8				
Phs Duration (G+Y+Rc), s		78.8	0.0	11.2		78.8	0.0	11.2				
Change Period (Y+Rc), s		6.5	4.5	6.5		6.5	6.5	* 6.5				
Max Green Setting (Gmax), s		36.5	5.0	31.0		36.5	18.0	* 18				
Max Q Clear Time (g_c+I1), s		10.0	0.0	5.1		8.0	0.0	2.5				
Green Ext Time (p_c), s		2.9	0.0	0.3		6.4	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			4.8									
HCM 6th LOS			Α									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

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Lane Group	EBT	WBT	NBL	NBT	SBL	SBT	Ø3	Ø7	
Lane Configurations	4	4	ሻ	∱ î≽	7	∱ ∱			
Traffic Volume (vph)	0	0	37	1168	9	615			
Future Volume (vph)	0	0	37	1168	9	615			
Turn Type	NA	NA	Perm	NA	Perm	NA			
Protected Phases	4	8		2		6	3	7	
Permitted Phases			2		6				
Detector Phase	4	8	2	2	6	6			
Switch Phase									
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
Minimum Split (s)	24.5	22.5	24.5	24.5	24.5	24.5	9.5	9.5	
Total Split (s)	24.5	24.5	86.0	86.0	86.0	86.0	9.5	9.5	
Total Split (%)	20.4%	20.4%	71.7%	71.7%	71.7%	71.7%	8%	8%	
Yellow Time (s)	4.5	3.5	4.5	4.5	4.5	4.5	3.5	3.5	
All-Red Time (s)	2.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0			
Total Lost Time (s)	6.5	4.5	6.5	6.5	6.5	6.5			
Lead/Lag	Lag	Lag					Lead	Lead	
Lead-Lag Optimize?	Yes	Yes					Yes	Yes	
Recall Mode	None	None	C-Max	C-Max	C-Max	C-Max	None	None	
Act Effct Green (s)	0.0	0.0	100.8	100.8	100.8	100.8			
Actuated g/C Ratio	0.00	0.00	0.84	0.84	0.84	0.84			
v/c Ratio	0.60	0.14	0.09	0.43	0.03	0.22			
Control Delay	29.8	3.2	4.3	4.7	4.8	3.5			
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0			
Total Delay	29.8	3.2	4.3	4.7	4.8	3.5			
LOS	С	Α	Α	Α	Α	Α			
Approach Delay	29.8	3.3		4.7		3.5			
Approach LOS	С	Α		Α		Α			

Intersection Summary

Cycle Length: 120
Actuated Cycle Length: 120

Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green

Natural Cycle: 65

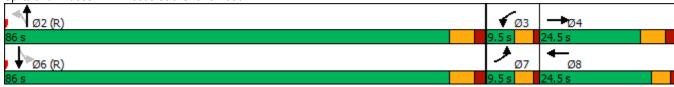
Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.60

Intersection Signal Delay: 5.0 Intersection LOS: A Intersection Capacity Utilization 47.7% ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 1: Pecos St & Sherrelwood Dr



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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4		7	∱ ∱		7	∱ ∱	
Traffic Volume (veh/h)	22	0	16	7	0	5	37	1168	12	9	615	11
Future Volume (veh/h)	22	0	16	7	0	5	37	1168	12	9	615	11
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	35	0	20	8	0	5	55	1270	13	10	641	17
Peak Hour Factor	0.63	0.92	0.80	0.92	0.92	0.92	0.67	0.92	0.92	0.92	0.96	0.64
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	0	0	57	0	0	57	699	3083	32	395	3026	80
Arrive On Green	0.00	0.00	0.04	0.00	0.00	0.04	0.86	0.86	0.86	0.86	0.86	0.86
Sat Flow, veh/h	0	0	1585	0	0	1585	776	3604	37	431	3537	94
Grp Volume(v), veh/h	0	0	20	0	0	5	55	626	657	10	322	336
Grp Sat Flow(s), veh/h/ln	0	0	1585	0	0	1585	776	1777	1864	431	1777	1853
Q Serve(g_s), s	0.0	0.0	1.5	0.0	0.0	0.4	1.6	9.4	9.4	0.6	3.8	3.8
Cycle Q Clear(g_c), s	0.0	0.0	1.5	0.0	0.0	0.4	5.5	9.4	9.4	10.1	3.8	3.8
Prop In Lane	0.00	0.0	1.00	0.00	0.0	1.00	1.00	0.1	0.02	1.00	0.0	0.05
Lane Grp Cap(c), veh/h	0.00	0	57	0.00	0	57	699	1520	1595	395	1520	1586
V/C Ratio(X)	0.00	0.00	0.35	0.00	0.00	0.09	0.08	0.41	0.41	0.03	0.21	0.21
Avail Cap(c_a), veh/h	0.00	0.00	238	0.00	0.00	264	699	1520	1595	395	1520	1586
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	0.0	56.5	0.0	0.0	55.9	2.0	1.9	1.9	3.1	1.5	1.5
Incr Delay (d2), s/veh	0.0	0.0	3.6	0.0	0.0	0.7	0.2	0.8	0.8	0.1	0.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.7	0.0	0.0	0.2	0.2	2.0	2.1	0.1	0.8	0.8
Unsig. Movement Delay, s/veh		0.0	0.1	0.0	0.0	0.2	0.2	2.0	۷.۱	0.1	0.0	0.0
LnGrp Delay(d),s/veh	0.0	0.0	60.1	0.0	0.0	56.6	2.2	2.8	2.7	3.2	1.8	1.8
LnGrp LOS	Α	Α	E	Α	Α	50.0 E	Α.Δ	Α.	Α	3.2 A	Α	Α
Approach Vol, veh/h		20			5	<u> </u>		1338			668	
Approach Delay, s/veh		60.1			56.6			2.7			1.9	
		60.1			30.0 E							
Approach LOS		E			E			Α			Α	
Timer - Assigned Phs		2	3	4		6	7	8				
Phs Duration (G+Y+Rc), s		109.2	0.0	10.8		109.2	0.0	10.8				
Change Period (Y+Rc), s		6.5	4.5	6.5		6.5	4.5	* 6.5				
Max Green Setting (Gmax), s		79.5	5.0	18.0		79.5	5.0	* 20				
Max Q Clear Time (g_c+l1), s		11.4	0.0	3.5		12.1	0.0	2.4				
Green Ext Time (p_c), s		12.8	0.0	0.0		4.6	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			3.1									
HCM 6th LOS			Α									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

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Lane Group	EBL	NBL	NBT	SBT			
Lane Configurations	W	ሻ	^	∱ 1≽			
Traffic Volume (vph)	11	35	412	926			
Future Volume (vph)	11	35	412	926			
Turn Type	Prot	Perm	NA	NA			
Protected Phases	4		2	6			
Permitted Phases		2					
Detector Phase	4	2	2	6			
Switch Phase	<u> </u>	_					
Minimum Initial (s)	5.0	5.0	5.0	5.0			
Minimum Split (s)	24.5	24.5	24.5	24.5			
Total Split (s)	29.0	61.0	61.0	61.0			
Total Split (%)	32.2%	67.8%	67.8%	67.8%			
Yellow Time (s)	4.5	4.5	4.5	4.5			
All-Red Time (s)	2.0	2.0	2.0	2.0			
Lost Time Adjust (s)	0.0	0.0	0.0	0.0			
Total Lost Time (s)	6.5	6.5	6.5	6.5			
Lead/Lag	0.5	0.5	0.5	0.5			
Lead-Lag Optimize?							
Recall Mode	None	C-Max	C-Max	C-Max			
	None 6.9	73.8	73.8	73.8			
Act Effct Green (s)			0.82	0.82			
Actuated g/C Ratio	0.08	0.82					
v/c Ratio	0.38	0.09	0.15	0.34			
Control Delay	20.9	3.3	2.5	3.2			
Queue Delay	0.0	0.0	0.0	0.0			
Total Delay	20.9	3.3	2.5	3.2			
LOS	C	Α	Α	Α			
Approach Delay	20.9		2.6	3.2			
Approach LOS	С		Α	Α			
Intersection Summary							
Cycle Length: 90							
Actuated Cycle Length: 90							
Offset: 0 (0%), Referenced	I to phase 2	2:NBTL ar	nd 6:SBT	Start of	Green		
Natural Cycle: 50							
Control Type: Actuated-Co	ordinated						
Maximum v/c Ratio: 0.38							
Intersection Signal Delay:	3.8			lı	ntersection LOS: A		
Intersection Capacity Utiliz	ation 44.1%	6		Į(CU Level of Service A		
Analysis Period (min) 15							
Outto and Division 4. D	01 0 0	Na a weed	I D :				
Splits and Phases: 1: Pe	ecos St & S	nerrelwo	od Dr			T A	
√Tø2 (R)						→ _{Ø4}	
61s						29 s	
▼ Ø6 (R)							
61s						1	

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Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	W		*	^	† ‡	
Traffic Volume (veh/h)	11	50	35	412	926	25
Future Volume (veh/h)	11	50	35	412	926	25
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00			1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No	1.00	1.00	No	No	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1870	1870	1870	1870
Adj Flow Rate, veh/h	12	54	38	448	965	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.96	0.92
Percent Heavy Veh, %	0.92	0.92	0.92	0.92	2	0.92
Cap, veh/h	15	69	494	2854	2835	79
Arrive On Green	0.05	0.05	0.80	0.80	0.80	0.80
	290	1306	568	3647	3624	99
Sat Flow, veh/h						
Grp Volume(v), veh/h	67	0	38	448	486	506
Grp Sat Flow(s), veh/h/ln	1621	0	568	1777	1777	1853
Q Serve(g_s), s	3.7	0.0	1.7	2.6	6.7	6.7
Cycle Q Clear(g_c), s	3.7	0.0	8.4	2.6	6.7	6.7
Prop In Lane	0.18	0.81	1.00			0.05
Lane Grp Cap(c), veh/h	85	0	494	2854	1427	1488
V/C Ratio(X)	0.79	0.00	0.08	0.16	0.34	0.34
Avail Cap(c_a), veh/h	405	0	494	2854	1427	1488
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	42.1	0.0	3.5	2.0	2.4	2.4
Incr Delay (d2), s/veh	14.7	0.0	0.3	0.1	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	0.0	0.2	0.5	1.5	1.5
Unsig. Movement Delay, s/vel	h					
LnGrp Delay(d),s/veh	56.9	0.0	3.8	2.1	3.0	3.0
LnGrp LOS	Е	Α	A	Α	Α	Α
Approach Vol, veh/h	67			486	992	
Approach Delay, s/veh	56.9			2.2	3.0	
Approach LOS	F			A	A	
• •					, ,	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		78.8		11.2		78.8
Change Period (Y+Rc), s		6.5		6.5		6.5
Max Green Setting (Gmax), s		54.5		22.5		54.5
Max Q Clear Time (g_c+I1), s	•	10.4		5.7		8.7
Green Ext Time (p_c), s		3.7		0.1		7.6
Intersection Summary						
HCM 6th Ctrl Delay			5.1			
HCM 6th LOS			J. 1			
Notes						

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Lane Group	EBL	NBL	NBT	SBT		
Lane Configurations	W	ሻ	^	↑ ⊅		
Traffic Volume (vph)	24	41	1274	667		
Future Volume (vph)	24	41	1274	667		
Turn Type	Prot	Perm	NA	NA		
Protected Phases	4		2	6		
Permitted Phases		2				
Detector Phase	4	2	2	6		
Switch Phase						
Minimum Initial (s)	5.0	5.0	5.0	5.0		
Minimum Split (s)	24.5	24.5	24.5	24.5		
Total Split (s)	27.0	93.0	93.0	93.0		
Total Split (%)	22.5%	77.5%	77.5%	77.5%		
Yellow Time (s)	4.5	4.5	4.5	4.5		
All-Red Time (s)	2.0	2.0	2.0	2.0		
Lost Time Adjust (s)	0.0	0.0	0.0	0.0		
Total Lost Time (s)	6.5	6.5	6.5	6.5		
Lead/Lag	0.5	0.5	0.5	0.5		
Lead-Lag Optimize?						
Recall Mode	None	C-Max	C-Max	C-Max		
	None 7.6	103.1	103.1	103.1		
Act Effct Green (s)						
Actuated g/C Ratio	0.06	0.86	0.86	0.86		
v/c Ratio	0.37	0.07	0.46	0.23		
Control Delay	42.5	2.5	3.2	2.3		
Queue Delay	0.0	0.0	0.0	0.0		
Total Delay	42.5	2.5	3.2	2.3		
LOS	D	Α	Α	Α		
Approach Delay	42.5		3.2	2.3		
Approach LOS	D		Α	Α		
Intersection Summary						
Cycle Length: 120						
Actuated Cycle Length: 120	0					
Offset: 0 (0%), Referenced	to phase 2	:NBTL ar	nd 6:SBT	Start of	Green	
Natural Cycle: 60	•					
Control Type: Actuated-Co	ordinated					
Maximum v/c Ratio: 0.46						
Intersection Signal Delay: 3	3.7			lı	ntersection LOS: A	
Intersection Capacity Utiliza		6			CU Level of Service A	
Analysis Period (min) 15		-				
Splits and Phases: 1: Pe	ecos St & S	herrelwo	od Dr			
1 Ø2 (R)					→ Ø4	
93 s					27 s	
1 (25 (2))						
● Ø6 (R)						

	ၨ	•	4	†	ļ	4
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	N/			^	1	
Traffic Volume (veh/h)	24	18	41	1274	667	12
Future Volume (veh/h)	24	18	41	1274	667	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00		J	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No	1.00	1.00	No	No	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1870	1870	1870	1870
Adj Flow Rate, veh/h	26	20	45	1385	695	13
Peak Hour Factor	0.92	0.92	0.92	0.92	0.96	0.92
	0.92	0.92	0.92	2	2	0.92
Percent Heavy Veh, % Cap, veh/h	33	26	668	3043	3055	57
Arrive On Green				0.86		
	0.04	0.04	0.86		0.86	0.86
Sat Flow, veh/h	937	721	741	3647	3662	67
Grp Volume(v), veh/h	47	0	45	1385	346	362
Grp Sat Flow(s), veh/h/ln	1694	0	741	1777	1777	1858
Q Serve(g_s), s	3.3	0.0	1.4	11.0	4.2	4.2
Cycle Q Clear(g_c), s	3.3	0.0	5.6	11.0	4.2	4.2
Prop In Lane	0.55	0.43	1.00			0.04
Lane Grp Cap(c), veh/h	60	0	668	3043	1521	1591
V/C Ratio(X)	0.78	0.00	0.07	0.46	0.23	0.23
Avail Cap(c_a), veh/h	289	0	668	3043	1521	1591
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	57.4	0.0	2.0	2.0	1.5	1.5
Incr Delay (d2), s/veh	19.5	0.0	0.2	0.5	0.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	0.0	0.0	2.1	0.9	0.0
Unsig. Movement Delay, s/veh		0.0	0.2	۷.۱	0.0	0.0
LnGrp Delay(d),s/veh	76.9	0.0	2.2	2.5	1.9	1.9
LnGrp LOS	70.9 E					
		A	A	A 420	700	A
Approach Vol, veh/h	47			1430	708	
Approach Delay, s/veh	76.9			2.5	1.9	
Approach LOS	Е			А	Α	
Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		109.2		10.8		109.2
Change Period (Y+Rc), s		6.5		6.5		6.5
Max Green Setting (Gmax), s		86.5		20.5		86.5
Max Q Clear Time (g_c+l1), s		13.0		5.3		6.2
Green Ext Time (p_c), s		16.6		0.1		4.9
u = /-		10.0		J. 1		т.0
Intersection Summary						
HCM 6th Ctrl Delay			3.9			
HCM 6th LOS			Α			
Notes						

	→	←	4	†	>	↓			
Lane Group	EBT	WBT	NBL	NBT	SBL	SBT	Ø3	Ø7	
Lane Configurations	4	- 4	7	∱ }	Ţ	∱ }			
Traffic Volume (vph)	0	0	35	417	3	927			
Future Volume (vph)	0	0	35	417	3	927			
Turn Type	NA	NA	Perm	NA	Perm	NA			
Protected Phases	4	8		2		6	3	7	
Permitted Phases			2		6				
Detector Phase	4	8	2	2	6	6			
Switch Phase									
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
Minimum Split (s)	24.5	22.5	24.5	24.5	24.5	24.5	9.5	24.5	
Total Split (s)	37.5	22.5	43.0	43.0	43.0	43.0	9.5	24.5	
Total Split (%)	41.7%	25.0%	47.8%	47.8%	47.8%	47.8%	11%	27%	
Yellow Time (s)	4.5	3.5	4.5	4.5	4.5	4.5	3.5	4.5	
All-Red Time (s)	2.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0	
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0			
Total Lost Time (s)	6.5	4.5	6.5	6.5	6.5	6.5			
Lead/Lag	Lag	Lag					Lead	Lead	
Lead-Lag Optimize?	Yes	Yes					Yes	Yes	
Recall Mode	None	None	C-Max	C-Max	C-Max	C-Max	None	None	
Act Effct Green (s)	0.0	0.0	68.2	68.2	68.2	68.2			
Actuated g/C Ratio	0.00	0.00	0.76	0.76	0.76	0.76			
v/c Ratio	0.55	0.11	0.10	0.17	0.00	0.37			
Control Delay	18.5	1.1	10.1	6.8	10.3	8.1			
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0			
Total Delay	18.5	1.1	10.1	6.8	10.3	8.1			
LOS	В	Α	В	Α	В	Α			
Approach Delay	18.5	1.1		7.0		8.2			
Approach LOS	В	Α		Α		Α			
Interception Cummany									

Intersection Summary

Cycle Length: 90 Actuated Cycle Length: 90

Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green

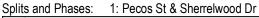
Natural Cycle: 75

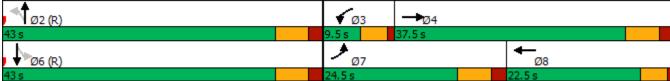
Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.55

Intersection Signal Delay: 8.1 Intersection LOS: A Intersection Capacity Utilization 44.1% ICU Level of Service A

Analysis Period (min) 15





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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4		ሻ	∱ ኈ		ሻ	∱ ∱	
Traffic Volume (veh/h)	11	0	50	11	0	9	35	417	3	3	927	25
Future Volume (veh/h)	11	0	50	11	0	9	35	417	3	3	927	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	12	0	54	12	0	10	38	453	3	3	966	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.96	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	0	0	79	0	0	79	495	2916	19	808	2845	80
Arrive On Green	0.00	0.00	0.05	0.00	0.00	0.05	0.81	0.81	0.81	0.81	0.81	0.81
Sat Flow, veh/h	0	0	1585	0	0	1585	567	3619	24	935	3531	99
Grp Volume(v), veh/h	0	0	54	0	0	10	38	222	234	3	486	507
Grp Sat Flow(s), veh/h/ln	0	0	1585	0	0	1585	567	1777	1866	935	1777	1853
Q Serve(g_s), s	0.0	0.0	3.0	0.0	0.0	0.5	1.7	2.5	2.5	0.1	6.6	6.6
Cycle Q Clear(g_c), s	0.0	0.0	3.0	0.0	0.0	0.5	8.3	2.5	2.5	2.6	6.6	6.6
Prop In Lane	0.00		1.00	0.00		1.00	1.00		0.01	1.00		0.05
Lane Grp Cap(c), veh/h	0	0	79	0	0	79	495	1432	1504	808	1432	1493
V/C Ratio(X)	0.00	0.00	0.68	0.00	0.00	0.13	0.08	0.16	0.16	0.00	0.34	0.34
Avail Cap(c_a), veh/h	0	0	546	0	0	317	495	1432	1504	808	1432	1493
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	0.0	42.1	0.0	0.0	40.9	3.4	1.9	1.9	2.2	2.3	2.3
Incr Delay (d2), s/veh	0.0	0.0	10.0	0.0	0.0	0.7	0.3	0.2	0.2	0.0	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	1.4	0.0	0.0	0.2	0.2	0.5	0.6	0.0	1.4	1.5
Unsig. Movement Delay, s/veh		0.0		0.0	0.0	0.2	0.2	0.0	0.0	0.0		1.0
LnGrp Delay(d),s/veh	0.0	0.0	52.0	0.0	0.0	41.6	3.8	2.2	2.2	2.2	3.0	3.0
LnGrp LOS	A	A	D	A	A	D	A	A	Α	A	A	A
Approach Vol, veh/h		54			10			494		<u>,,, </u>	996	
Approach Delay, s/veh		52.0			41.6			2.3			3.0	
Approach LOS		52.0 D			T1.0			Α.			Α	
					D		_					
Timer - Assigned Phs		2	3	4		6	7	8				
Phs Duration (G+Y+Rc), s		79.0	0.0	11.0		79.0	0.0	11.0				
Change Period (Y+Rc), s		6.5	4.5	6.5		6.5	6.5	* 6.5				
Max Green Setting (Gmax), s		36.5	5.0	31.0		36.5	18.0	* 18				
Max Q Clear Time (g_c+I1), s		10.3	0.0	5.0		8.6	0.0	2.5				
Green Ext Time (p_c), s		3.1	0.0	0.3		7.0	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			4.7									
HCM 6th LOS			Α									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

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Lane Group	EBT	WBT	NBL	NBT	SBL	SBT	Ø3	Ø7	
Lane Configurations	4	4	7	∱ î≽	7	∱ ∱			
Traffic Volume (vph)	0	0	41	1277	9	672			
Future Volume (vph)	0	0	41	1277	9	672			
Turn Type	NA	NA	Perm	NA	Perm	NA			
Protected Phases	4	8		2		6	3	7	
Permitted Phases			2		6				
Detector Phase	4	8	2	2	6	6			
Switch Phase									
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
Minimum Split (s)	24.5	22.5	24.5	24.5	24.5	24.5	9.5	9.5	
Total Split (s)	24.5	24.5	86.0	86.0	86.0	86.0	9.5	9.5	
Total Split (%)	20.4%	20.4%	71.7%	71.7%	71.7%	71.7%	8%	8%	
Yellow Time (s)	4.5	3.5	4.5	4.5	4.5	4.5	3.5	3.5	
All-Red Time (s)	2.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0			
Total Lost Time (s)	6.5	4.5	6.5	6.5	6.5	6.5			
Lead/Lag	Lag	Lag					Lead	Lead	
Lead-Lag Optimize?	Yes	Yes					Yes	Yes	
Recall Mode	None	None	C-Max	C-Max	C-Max	C-Max	None	None	
Act Effct Green (s)	0.0	0.0	100.8	100.8	100.8	100.8			
Actuated g/C Ratio	0.00	0.00	0.84	0.84	0.84	0.84			
v/c Ratio	0.51	0.14	0.08	0.47	0.04	0.24			
Control Delay	19.4	3.2	4.3	5.0	4.9	3.6			
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0			
Total Delay	19.4	3.2	4.3	5.0	4.9	3.6			
LOS	В	Α	Α	Α	Α	Α			
Approach Delay	19.4	3.3		5.0		3.6			
Approach LOS	В	Α		Α		Α			

Intersection Summary

Cycle Length: 120
Actuated Cycle Length: 120

Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green

Natural Cycle: 70

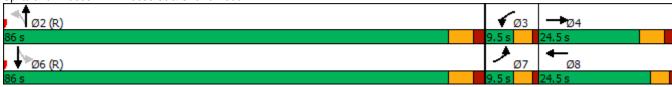
Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.51

Intersection Signal Delay: 4.8 Intersection LOS: A ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 1: Pecos St & Sherrelwood Dr



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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4		ሻ	ተኈ		7	∱ ∱	
Traffic Volume (veh/h)	24	0	18	7	0	5	41	1277	12	9	672	12
Future Volume (veh/h)	24	0	18	7	0	5	41	1277	12	9	672	12
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	26	0	20	8	0	5	45	1388	13	10	700	13
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.96	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	0	0	54	0	0	54	667	3094	29	356	3061	57
Arrive On Green	0.00	0.00	0.03	0.00	0.00	0.03	0.86	0.86	0.86	0.86	0.86	0.86
Sat Flow, veh/h	0	0	1585	0	0	1585	737	3607	34	385	3569	66
Grp Volume(v), veh/h	0	0	20	0	0	5	45	683	718	10	348	365
Grp Sat Flow(s), veh/h/ln	0	0	1585	0	0	1585	737	1777	1864	385	1777	1858
Q Serve(g_s), s	0.0	0.0	1.5	0.0	0.0	0.4	1.4	10.7	10.7	0.7	4.2	4.2
Cycle Q Clear(g_c), s	0.0	0.0	1.5	0.0	0.0	0.4	5.6	10.7	10.7	11.4	4.2	4.2
Prop In Lane	0.00	0.0	1.00	0.00	0.0	1.00	1.00	10.7	0.02	1.00	7.∠	0.04
Lane Grp Cap(c), veh/h	0.00	0	54	0.00	0	54	667	1524	1599	356	1524	1594
V/C Ratio(X)	0.00	0.00	0.37	0.00	0.00	0.09	0.07	0.45	0.45	0.03	0.23	0.23
Avail Cap(c_a), veh/h	0.00	0.00	238	0.00	0.00	264	667	1524	1599	356	1524	1594
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	0.0	56.7	0.0	0.00	56.2	2.0	2.0	2.0	3.3	1.5	1.5
Incr Delay (d2), s/veh	0.0	0.0	4.2	0.0	0.0	0.7	0.2	1.0	0.9	0.1	0.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.7	0.0	0.0	0.0	0.0	2.2	2.3	0.0	0.0	0.0
Unsig. Movement Delay, s/veh		0.0	0.7	0.0	0.0	0.2	0.2	۷.۷	2.3	0.1	0.9	0.9
	0.0	0.0	60.9	0.0	0.0	56.9	2.2	2.9	2.9	3.4	1.9	1.8
LnGrp Delay(d),s/veh			60.9 E									
LnGrp LOS	A	A		A	A	<u>E</u>	A	A	A	A	A	A
Approach Vol, veh/h		20			5			1446			723	
Approach Delay, s/veh		60.9			56.9			2.9			1.9	
Approach LOS		Е			Е			Α			Α	
Timer - Assigned Phs		2	3	4		6	7	8				
Phs Duration (G+Y+Rc), s		109.4	0.0	10.6		109.4	0.0	10.6				
Change Period (Y+Rc), s		6.5	4.5	6.5		6.5	4.5	* 6.5				
Max Green Setting (Gmax), s		79.5	5.0	18.0		79.5	5.0	* 20				
Max Q Clear Time (g_c+l1), s		12.7	0.0	3.5		13.4	0.0	2.4				
Green Ext Time (p_c), s		15.0	0.0	0.0		5.1	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			3.2									
HCM 6th LOS			A									
Notes												

^{*} HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection Int Delay, s/veh 0.3 Movement EBL EBR NBL NBT SBR Lane Configurations Y Y Y Y Traffic Vol, veh/h 9 13 1 396 886 5 Future Vol, veh/h 9 13 1 396 886 5
Lane Configurations Y ↑ ↑↑ ↑₽ Traffic Vol, veh/h 9 13 1 396 886 5
Lane Configurations Y ↑ ↑↑ ↑₽ Traffic Vol, veh/h 9 13 1 396 886 5
Traffic Vol, veh/h 9 13 1 396 886 5
,
CHILE VOLVEUU - 7 10 1 070 000 3
Conflicting Peds, #/hr 0 0 0 0 0 0
Sign Control Stop Stop Free Free Free
RT Channelized - None - None - None
Storage Length 0 - 0
Veh in Median Storage, # 2 0 0 -
Grade, % 0 0 0 -
Peak Hour Factor 56 81 25 89 95 42
Heavy Vehicles, % 2 2 2 2 2 2 Mvmt Flow 16 16 4 445 933 12
WITH FIOW 10 10 4 445 933 12
Major/Minor Minor2 Major1 Major2
U
Stage 1 939
Stage 2 231
Critical Hdwy 6.84 6.94 4.14
Critical Hdwy Stg 1 5.84
Critical Hdwy Stg 2 5.84
Follow-up Hdwy 3.52 3.32 2.22
Pot Cap-1 Maneuver *479 *720 *1077
Stage 1 *679
Stage 2 *785
Platoon blocked, % 1 1 1
Mov Cap-1 Maneuver *477 *720 *1077
Mov Cap-2 Maneuver *603
Stage 1 *676
Stage 2 *785
Approach EB NB SB
HCM Control Delay, s 10.8 0.1 0
HCM LOS B
Minor Lane/Major Mvmt NBL NBT EBLn1 SBT SBR
Capacity (veh/h) * 1077 - 656
HCM Lane V/C Ratio 0.004 - 0.049
HCM Control Delay (s) 8.4 - 10.8
HCM Lane LOS A - B
HCM 95th %tile Q(veh) 0 - 0.2

Section Oelay, s/veh O.3 Oelay, s/veh O.3 Oelay, s/veh Oelay, s/veh Oelay, s/veh Oelay, s/veh Oelay, s/veh Oelay, s/veh Oelay Oelay
Configurations Configurations Configurations Control Control
Configurations Configurations Configurations Control Control
fic Vol, veh/h 10 8 12 1182 607 16 Ire Vol, veh/h 10 8 12 1182 607 16 flicting Peds, #/hr 0 0 0 0 0 0 Control Stop Stop Free Free Free Channelized - None - None
rre Vol, veh/h 10 8 12 1182 607 16 flicting Peds, #/hr 0 0 0 0 0 0 i Control Stop Stop Free Free Free Channelized - None - None
flicting Peds, #/hr 0 0 0 0 0 0 Control Stop Stop Free Free Free Channelized - None - None
Control Stop Stop Free Free Free Channelized - None - None
Channelized - None - None
age Length 0 - 0
in Median Storage, # 2 0 0 -
de, % 0 0 0 -
k Hour Factor 63 40 75 87 97 67
vy Vehicles, % 2 2 2 2 2 2
nt Flow 16 20 16 1359 626 24
or/Minor Minor2 Major1 Major2
flicting Flow All 1350 325 650 0 - 0
Stage 1 638
Stage 2 712
cal Hdwy 6.84 6.94 4.14
cal Hdwy Stg 1 5.84
cal Hdwy Stg 2 5.84
ow-up Hdwy 3.52 3.32 2.22
Cap-1 Maneuver *221 *846 *1265
Stage 1 *798
Stage 2 *447
oon blocked, % 1 1 1
Cap-1 Maneuver *218 *846 *1265
Cap-2 Maneuver *402
Stage 1 *788
Stage 2 *447
roach EB NB SB
M Control Delay, s 11.8 0.1 0
MLOS B
or Lane/Major Mvmt NBL NBT EBLn1 SBT SBR
acity (veh/h) * 1265 - 568
M Lane V/C Ratio 0.013 - 0.063
M Control Delay (s) 7.9 - 11.8
M Lane LOS A - B
M 95th %tile Q(veh) 0 - 0.2
es
olume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoor

Intersection								
Int Delay, s/veh	0.3							
Movement	EBL	EBR	NBL	NBT	SBT	SBR		
Lane Configurations	W		ች	^	∱ }			
Traffic Vol, veh/h	9	13	1	400	895	5		
Future Vol, veh/h	9	13	1	400	895	5		
Conflicting Peds, #/hr	0	0	0	0	0	0		
Sign Control	Stop	Stop	Free	Free	Free	Free		
RT Channelized	-	None	_	None	_	None		
Storage Length	0	-	0	-	_	-		
Veh in Median Storage		_	_	0	0	_		
Grade, %	0	_	_	0	0	_		
Peak Hour Factor	56	81	25	89	95	42		
Heavy Vehicles, %	2	2	2	2	2	2		
Mvmt Flow	16	16	4	449	942	12		
	10	-13		. 10	Ų IL	12		
Major/Minor N	Minor2	ı	Major1	N	/lajor2			
Conflicting Flow All	1181	477	954	0	//ajuiz -	0		
Stage 1	948	411	304	-	-	-		
Stage 2	233	_	_	_	_	_		
Critical Hdwy	6.84	6.94	4.14	_	_			
Critical Hdwy Stg 1	5.84	0.54	7.17	_	_	_		
Critical Hdwy Stg 2	5.84	_	_	_	_			
Follow-up Hdwy	3.52	3.32	2.22	_	_	_		
Pot Cap-1 Maneuver	*468		*1077	_	_			
Stage 1	*679	120	1077	_	_	_		
Stage 2	*784	_	_	_	_			
Platoon blocked, %	1	1	1	_	_	_		
Mov Cap-1 Maneuver	*466		*1077	_	_			
Mov Cap-1 Maneuver	*600	120	1077	<u>-</u>	_	_		
Stage 1	*676	-	-		<u>-</u>	-		
Stage 2	*784	_	-	-		_		
Staye Z	104	_	_	_	_	_		
Approach	EB		NB		SB			
HCM Control Delay, s	10.8		0.1		0			
HCM LOS	В							
Minor Lane/Major Mvm	nt	NBL	NBT I	EBLn1	SBT	SBR		
Capacity (veh/h)		* 1077	-	655	-	-		
HCM Lane V/C Ratio		0.004	-	0.049	-	-		
HCM Control Delay (s)		8.4	-	10.8	-	-		
HCM Lane LOS		Α	-	В	-	-		
HCM 95th %tile Q(veh))	0	-	0.2	-	-		
Notes								
~: Volume exceeds cap	nacity	\$· D	elav ex	ceeds 3	00s	+: Com	putation Not Defined	*: All major volume in platoon
Jame onoodd da	Judity	Ψ. Δ	Jiay On	13040 0		. 5011	-paration riot boiling	ar major rotatno in platoon

Intersection								
Int Delay, s/veh	0.3							
Movement	EBL	EBR	NBL	NBT	SBT	SBR		
Lane Configurations	W		7	^	ħβ			
Traffic Vol, veh/h	10	8	12	1194	613	16		
Future Vol, veh/h	10	8	12	1194	613	16		
Conflicting Peds, #/hr		0	0	0	0	0		
Sign Control	Stop	Stop	Free	Free	Free	Free		
RT Channelized	-		_	None	_	None		
Storage Length	0	-	0	-	_	-		
Veh in Median Storage		-	_	0	0	_		
Grade, %	0, " 2	_	_	0	0	_		
Peak Hour Factor	63	40	75	87	97	67		
Heavy Vehicles, %	2	2	2	2	2	2		
Mvmt Flow	16	20	16	1372	632	24		
IVIVIIIL FIUW	10	20	10	13/2	032	24		
Major/Minor	Minor2		Major1	N	//ajor2			
Conflicting Flow All	1362	328	656	0	- -	0		
Stage 1	644	320	030	-		-		
Stage 2	718	_	-	-		_		
	6.84	6.94	4.14		-	_		
Critical Hdwy	5.84							
Critical Hdwy Stg 1		-	-	-	-	-		
Critical Hdwy Stg 2	5.84	-	-	-	-	-		
Follow-up Hdwy	3.52	3.32	2.22	-	-	-		
Pot Cap-1 Maneuver	*216	*846	*1265	-	-	-		
Stage 1	*798	-	-	-	-	-		
Stage 2	*444	-	-	-	-	-		
Platoon blocked, %	1	1	1	-	-	-		
Mov Cap-1 Maneuver	*214	*846	*1265	-	-	-		
Mov Cap-2 Maneuver	*399	-	-	-	-	-		
Stage 1	*788	-	-	-	-	-		
Stage 2	*444	-	-	-	-	-		
Approach	EB		NB		SB			
HCM Control Delay, s			0.1		0			
HCM LOS	В		J. 1		J			
TIOWI LOO	U							
Minor Lane/Major Mvr	nt	NBL	NRT	EBLn1	SBT	SBR		
Capacity (veh/h)		* 1265	וטוו	566	001	UDIK		
HCM Lane V/C Ratio			_		-			
	١ -	0.013		0.063	-	-		
HCM Control Delay (s)	7.9	-		-	-		
HCM Lane LOS	. \	A	-	В	-	-		
HCM 95th %tile Q(veh	1)	0	-	0.2	-	-		
Notes								
~: Volume exceeds ca	pacity	\$: D	elay ex	ceeds 3	00s	+: Con	putation Not Defined	*: All major volume in platoon
								•

Intersection									
Int Delay, s/veh	0.3								
Movement	EBL	EBR	NBL	NBT	SBT	SBR			
Lane Configurations	¥	LDIX	ሻ	^	†	ODIT			
Traffic Vol, veh/h	9	13	1	408	907	5			
Future Vol, veh/h	9	13	1	408	907	5			
Conflicting Peds, #/hr	0	0	0	0	0	0			
Sign Control	Stop	Stop	Free	Free	Free	Free			
RT Channelized	-	None	-	None	-	None			
Storage Length	0	-	540	-	_	-			
Veh in Median Storage		_	-	0	0	_			
Grade, %	, # 2	<u>-</u>	_	0	0	<u> </u>			
Peak Hour Factor	56	81	25	89	95	42			
Heavy Vehicles, %	2	2	23	2	2	2			
Mvmt Flow	16	16	4	458	955	12			
IVIVIIIL FIOW	10	10	4	400	300	IZ			
	/linor2		Major1		//ajor2				
Conflicting Flow All	1198	484	967	0	-	0			
Stage 1	961	-	-	-	-	-			
Stage 2	237	-	-	-	-	-			
Critical Hdwy	6.84	6.94	4.14	-	-	-			
Critical Hdwy Stg 1	5.84	-	-	-	-	-			
Critical Hdwy Stg 2	5.84	-	-	-	-	-			
Follow-up Hdwy	3.52	3.32	2.22	-	-	-			
Pot Cap-1 Maneuver	*484	*703	*1051	-	-	-			
Stage 1	*663	-	-	_	-	-			
Stage 2	*780	-	-	-	-	-			
Platoon blocked, %	1	1	1	-	-	-			
Mov Cap-1 Maneuver	*482	*703	*1051	-	-	-			
Mov Cap-2 Maneuver	*596	-	-	-	-	-			
Stage 1	*660	-	-	-	-	-			
Stage 2	*780	-	-	-	-	-			
Approach	EB		NB		SB				
HCM Control Delay, s	10.9		0.1		0				
HCM LOS	В		J. 1						
TIOW LOO	0								
Minor Loro/Maior M		NDI	NDT	TDL =4	CDT	CDD			
Minor Lane/Major Mvm		* 1051		EBLn1	SBT	SBR			
Capacity (veh/h)			-	645	-	-			
HCM Cantral Palace (a)		0.004	-	0.05	-	-			
HCM Control Delay (s)		8.4	_	10.9	-	-			
HCM Lane LOS		A	-	В	-	-			
HCM 95th %tile Q(veh)		0	-	0.2	-	-			
Notes									
~: Volume exceeds cap	acity	\$: D	elay ex	ceeds 3	00s	+: Con	putation Not Defined	*: All major volume in platoon	

Intersection								
Int Delay, s/veh	0.3							
Movement	EBL	EBR	NBL	NBT	SBT	SBR		
Lane Configurations	W		ች	^	† 1>			
Traffic Vol, veh/h	10	8	12	1209	625	16		
Future Vol, veh/h	10	8	12	1209	625	16		
Conflicting Peds, #/hr	0	0	0	0	0	0		
Sign Control	Stop	Stop	Free	Free	Free	Free		
RT Channelized	-	None	-	None	-	None		
Storage Length	0	_	540	_	_	-		
Veh in Median Storage		-	_	0	0	_		
Grade, %	0	_	_	0	0	_		
Peak Hour Factor	63	40	75	87	97	67		
Heavy Vehicles, %	2	2	2	2	2	2		
Mvmt Flow	16	20	16	1390	644	24		
	- 10	20	- 10	1000	U 17			
Major/Minor N	Minor2	N	Major1	N	//ajor2			
Conflicting Flow All	1383	334	668	0	- -	0		
Stage 1	656	-	-	-	-	-		
Stage 2	727	_	_	_	_	_		
Critical Hdwy	6.84	6.94	4.14	_	_	_		
Critical Hdwy Stg 1	5.84	-		_	_	_		
Critical Hdwy Stg 2	5.84	-	_	_	_	_		
Follow-up Hdwy	3.52	3.32	2.22	_	_	_		
Pot Cap-1 Maneuver	*208	*846	1252	_	_	_		
Stage 1	*798	-	-	_	_	_		
Stage 2	*439	_	_	_	_	_		
Platoon blocked, %	1	1	1	_	_	_		
Mov Cap-1 Maneuver	*205	*846	1252	_	-	_		
Mov Cap-2 Maneuver	*394	-		_	_	_		
Stage 1	*788	_	_	-	-	-		
Stage 2	*439	_	_	_	_	_		
Stago 2	100							
Approach	EB		NB		SB			
	11.9		0.1		0			
HCM LOS			U. I		U			
HCM LOS	В							
Minor Long/Maior M		NDI	NDT	EDL 4	CDT	CDD		
Minor Lane/Major Mvm	IĹ	NBL	MRI	EBLn1	SBT	SBR		
Capacity (veh/h)		1252	-	561	-	-		
HCM Lane V/C Ratio		0.013		0.064	-	-		
HCM Control Delay (s)		7.9	-	11.9	-	-		
HCM Lane LOS	`	A	-	В	-	-		
HCM 95th %tile Q(veh))	0	-	0.2	-	-		
Notes								
~: Volume exceeds cap	pacity	\$: D	elay ex	ceeds 3	00s	+: Con	putation Not Defined	*: All major volume in platoon

Intersection								
Int Delay, s/veh	0.2							
Movement	EBL	EBR	NBL	NBT	SBT	SBR		
Lane Configurations	W		*	^	∱ }			
Traffic Vol, veh/h	10	14	1	438	979	6		
Future Vol, veh/h	10	14	1	438	979	6		
Conflicting Peds, #/hr	0	0	0	0	0	0		
Sign Control	Stop	Stop	Free	Free	Free	Free		
RT Channelized	-	None	-	None	-	None		
Storage Length	0	-	0	-	-	-		
Veh in Median Storage,		-	-	0	0	_		
Grade, %	0	_	_	0	0	_		
Peak Hour Factor	92	92	92	92	95	92		
Heavy Vehicles, %	2	2	2	2	2	2		
Mymt Flow	11	15	1	476	1031	7		
WWIIICT IOW		10		470	1001	•		
	linor2		Major1		//ajor2			
Conflicting Flow All	1275	519	1038	0	-	0		
Stage 1	1035	-	-	-	-	-		
Stage 2	240	-	-	-	-	-		
Critical Hdwy	6.84	6.94	4.14	-	-	-		
Critical Hdwy Stg 1	5.84	-	-	-	-	-		
Critical Hdwy Stg 2	5.84	-	-	-	-	-		
Follow-up Hdwy	3.52	3.32	2.22	-	-	-		
Pot Cap-1 Maneuver	*472	*668	*1000	-	_	-		
Stage 1	*631	-	-	-	_	-		
Stage 2	*777	_	_	_	_	_		
Platoon blocked, %	1	1	1	_	_	_		
Mov Cap-1 Maneuver	*471	•		_	_	_		
Mov Cap-2 Maneuver	*575	-	-	_	_	_		
Stage 1	*630	_	_	_	_	_		
Stage 2	*777	_	_	_	_	_		
Olage 2	111				_	-		
Approach	EB		NB		SB			
HCM Control Delay, s	11		0		0			
HCM LOS	В							
Minor Long/Major Myrad		NDI	NDT	CDL1	CDT	CDD		
Minor Lane/Major Mvmt		NBL		EBLn1	SBT	SBR		
Capacity (veh/h)		* 1000	-	626	-	-		
HCM Lane V/C Ratio		0.001	-	0.042	-	-		
HCM Control Delay (s)		8.6	-	11	-	-		
HCM Lane LOS		Α	-	В	-	-		
		0	-	0.1	-	-		
HCM 95th %tile Q(veh)		U						
HCM 95th %tile Q(veh)								
			olay ov	ceeds 3	00c	+: Com	_	outation Not Defined

Intersection								
Int Delay, s/veh	0.2							
Movement	EBL	EBR	NBL	NBT	SBT	SBR		
Lane Configurations	N/			^	† 1>			
Traffic Vol, veh/h	11	9	13	1306	671	18		
Future Vol, veh/h	11	9	13	1306	671	18		
Conflicting Peds, #/hr	0	0	0	0	0	0		
Sign Control	Stop	Stop	Free	Free	Free	Free		
RT Channelized	-		-	None	-			
Storage Length	0	-	0	-	_	-		
Veh in Median Storage		-	_	0	0	-		
Grade, %	0	-	-	0	0	-		
Peak Hour Factor	92	92	92	92	97	92		
Heavy Vehicles, %	2	2	2	2	2	2		
Mvmt Flow	12	10	14	1420	692	20		
Major/Minor N	Minor2	1	Major1	N	/lajor2			
Conflicting Flow All	1440	356	712	0	-	0		
Stage 1	702	-	-	-	-	-		
Stage 2	738	-	_	_	_	_		
Critical Hdwy	6.84	6.94	4.14	-	-	-		
Critical Hdwy Stg 1	5.84	-	_	-	-	-		
Critical Hdwy Stg 2	5.84	-	-	-	-	-		
Follow-up Hdwy	3.52	3.32	2.22	-	-	-		
Pot Cap-1 Maneuver	*198		*1227	-	-	-		
Stage 1	*774	-	-	-	-	-		
Stage 2	*434	-	-	-	-	-		
Platoon blocked, %	1	1	1	-	-	-		
Mov Cap-1 Maneuver	*196	*820	*1227	-	-	-		
Mov Cap-2 Maneuver	*387	-	-	-	-	-		
Stage 1	*765	-	-	-	-	-		
Stage 2	*434	-	-	-	-	-		
Approach	EB		NB		SB			
HCM Control Delay, s	12.4		0.1		0			
HCM LOS	В							
Minor Lane/Major Mvm	nt	NBL	NBT	EBLn1	SBT	SBR		
Capacity (veh/h)		* 1227		508	-	-		
HCM Lane V/C Ratio		0.012	_	0.043	_	_		
HCM Control Delay (s)		8	_	12.4	_	_		
HCM Lane LOS		A	_	В	_	_		
HCM 95th %tile Q(veh))	0	_	0.1	-	-		
Notes								
~: Volume exceeds cap	na oitu	¢. D	olov ov	ooodo 2	000	T: Co	nutation Not Defined	*: All major volume in ploteen
volume exceeds cap	Jacily	φ. D	elay ex	ceeds 3	008	+. COII	putation Not Defined	*: All major volume in platoon

Intersection								
Int Delay, s/veh	0.2							
Movement	EBL	EBR	NBL	NBT	SBT	SBR		
Lane Configurations	¥	LDIX	ሻ	^	†	OBIT		
Traffic Vol, veh/h	10	14	1	446	991	6		
Future Vol, veh/h	10	14	1	446	991	6		
Conflicting Peds, #/hr	0	0	0	0	0	0		
Sign Control	Stop	Stop	Free	Free	Free	Free		
RT Channelized	-	None	-	None	-	None		
Storage Length	0	-	540	-	_	-		
Veh in Median Storage		_	-	0	0	_		
Grade, %	0	_	_	0	0	_		
Peak Hour Factor	92	92	92	92	95	92		
Heavy Vehicles, %	2	2	2	2	2	2		
Mymt Flow	11	15	1	485	1043	7		
VIVIIIC I IOW	11	13		700	1070	I		
Major/Minor	Minaro		Mais = 1		//nicrO			
	Minor2 1292	525	Major1 1050	r	Major2	^		
Conflicting Flow All			1050		-	0		
Stage 1	1047	-	-	-	-			
Stage 2	245	-	-	-	-	-		
Critical Hdwy	6.84	6.94	4.14	-	-	-		
Critical Hdwy Stg 1	5.84	-	-	-	-	-		
Critical Hdwy Stg 2	5.84	-	-	-	-	-		
Follow-up Hdwy	3.52	3.32	2.22	-	-	-		
Pot Cap-1 Maneuver	*454		*1000	-	-	-		
Stage 1	*631	-	-	-	-	-		
Stage 2	*773	-	-	-	-	-		
Platoon blocked, %	1	1	1	-	-	-		
Mov Cap-1 Maneuver	*453	*668	*1000	-	-	-		
Mov Cap-2 Maneuver	*570	-	-	-	-	-		
Stage 1	*630	-	-	-	-	-		
Stage 2	*773	-	-	-	-	-		
Approach	EB		NB		SB			
HCM Control Delay, s	11		0		0			
HCM LOS	В							
Minor Lane/Major Mvm	nt	NBL	NBT	EBLn1	SBT	SBR		
Capacity (veh/h)		* 1000	-	623	-	-		
HCM Lane V/C Ratio		0.001	_	0.042	-	-		
HCM Control Delay (s)		8.6	-	11	-	-		
HCM Lane LOS		A	_	В	_	_		
HCM 95th %tile Q(veh	1)	0	_	0.1	-			
,	,							
Motos								
Notes ~: Volume exceeds ca	nacity	¢. D	olov ov	ceeds 3	2000	+: Com	putation Not Defined	*: All major volume in platoon

Movement	Intersection						
Lane Configurations	Int Delay, s/veh	0.2					
Lane Configurations Traffic Vol, veh/h Traffic Vol, veh/h 11 9 13 1321 683 18 Future Vol, veh/h 11 9 13 1321 683 18 Conflicting Peds, #/hr 0 0 0 0 0 0 0 Sign Control Stop Stop Free Free Free Free RT Channelized - None - None Storage Length 0 - 540 None Storage Length 0 - 540 Veh in Median Storage, # 2 0 0 0 Grade, % 0 0 0 0 Peak Hour Factor 92 92 92 92 97 92 Heavy Vehicles, % 2 2 2 2 2 2 2 Mwmt Flow 12 10 14 1436 704 20 Major/Minor Minor2 Major1 Major2 Conflicting Flow All 1460 362 724 0 - 0 Stage 1 714	Movement	EBL	EBR	NBL	NBT	SBT	SBR
Traffic Vol, veh/h Future Vol, veh/h Future Vol, veh/h Future Vol, veh/h Conflicting Peds, #/hr O O O O O O O O O O O O O O O O O O O	Lane Configurations						
Future Vol, veh/h Conflicting Peds, #/hr O O O O O O O O O O O O O O O O O O O			9				18
Sign Control Stop RT Channelized Stop None Free None Note None Note None No	Future Vol, veh/h	11	9	13	1321	683	18
Sign Control Stop RT Channelized Stop None Free Free Free Free None Free None Free None Free None Free None Read Hour Factor 90 - None Note None Note		0	0			0	0
RT Channelized - None - None - None Storage Length 0 - 540			Stop	Free	Free	Free	Free
Storage Length	RT Channelized			-	None	-	None
Veh in Median Storage, # 2 0 0 0 - Grade, % 0 0 0 0 - Peak Hour Factor 92 92 92 92 97 92 Heavy Vehicles, % 2 2 2 2 2 2 2 2 Major/Minor 12 10 14 1436 704 20 Major/Minor Minor2 Major Flow All 1460 362 724 0 - 0 Stage 1 714 Stage 2 746	Storage Length	0		540		-	-
Grade, % 0 0 0 0 - Peak Hour Factor 92 92 92 92 97 92 92 97 92 92 97 92 92 97 92 92 97 92 92 97 92 92 97 92 92 97 92 97 92 97 97 92 97 97 92 97 97 92 97 97 92 97 97 92 97 97 92 97 97 92 97 97 92 97 97 97 97 97 97 97 97 97 97 97 97 97			-		0	0	-
Peak Hour Factor 92 92 92 92 97 92 Heavy Vehicles, % 2 2 2 2 2 2 2 2 2 2 Major/Line Description Major/Line Description Major/Line Description Description			-	_		0	_
Heavy Vehicles, % 2 2 2 2 2 2 2 2 2			92	92		97	92
Mynt Flow 12 10 14 1436 704 20 Major/Minor Minor2 Major1 Major2 Conflicting Flow All 1460 362 724 0 0 Stage 1 714 - - - - Critical Hdwy 6.84 6.94 4.14 - - Critical Hdwy Stg 1 5.84 - - - - Critical Hdwy Stg 2 5.84 - - - - Critical Hdwy Stg 2 5.84 - - - - Follow-up Hdwy 3.52 3.32 2.22 - - Follow-up Hdwy 3.52 3.32 2.22 - - Pot Cap-1 Maneuver *191 *820 *1227 - - Stage 1 *7774 - - - - Mov Cap-1 Maneuver *189 *820 *1227 - - Stage 1 *765 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td></t<>						-	
Major/Minor Minor2 Major1 Major2 Conflicting Flow All 1460 362 724 0 0 Stage 1 714 - - - - Stage 2 746 - - - - Critical Hdwy Stg 1 5.84 - - - - Critical Hdwy Stg 2 5.84 - - - - - Follow-up Hdwy 3.52 3.32 2.22 - - - - Follow-up Hdwy 3.52 3.32 2.22 -							
Conflicting Flow All 1460 362 724 0 - 0 Stage 1 714 Stage 2 746	WWW.CT IOW	12	10	1-1	1400	704	20
Conflicting Flow All 1460 362 724 0 - 0 Stage 1 714 Stage 2 746	Major/Minor	Minor2		Major1	ı	Major2	
Stage 1 714 - - - - - Stage 2 746 -							0
Stage 2 746 - - - - - Critical Hdwy 6.84 6.94 4.14 - - - Critical Hdwy Stg 1 5.84 - - - - Critical Hdwy Stg 2 5.84 - - - - Follow-up Hdwy 3.52 3.32 2.22 - - Follow-up Hdwy 3.52 3.32 2.22 - - Pot Cap-1 Maneuver *191 *820 *1227 - - Stage 1 *774 - - - - Stage 2 *430 - - - - Mov Cap-1 Maneuver *189 *820 *1227 - - Mov Cap-2 Maneuver *383 - - - - Stage 1 *765 - - - - Stage 2 *430 - - - - Stage 1 *765 - - - - Stage 2 *430 -							
Critical Hdwy 6.84 6.94 4.14 - - - Critical Hdwy Stg 1 5.84 - - - - - Critical Hdwy Stg 2 5.84 - - - - - Follow-up Hdwy 3.52 3.32 2.22 - - - Pot Cap-1 Maneuver Stage 1 *774 -	•			_			_
Critical Hdwy Stg 1 5.84 - - - - Critical Hdwy Stg 2 5.84 - - - - Follow-up Hdwy 3.52 3.32 2.22 - - Pot Cap-1 Maneuver Stage 1 *7774 - - - - Stage 2 *430 - - - - Platoon blocked, % 1 1 1 - - Mov Cap-1 Maneuver Mov Cap-2 Maneuver Stage 1 *383 - - - - Stage 1 *765 - - - - - Stage 2 *430 - - - - - Stage 2 *430 - - - - - Stage 1 *765 - - - - - Stage 2 *430 - - - - - Approach EB NB SB HCM Control Delay, s 12.5 0.1 0 - HCM Los B -<				4.14	_		_
Critical Hdwy Stg 2 5.84 - <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td>					_		_
Follow-up Hdwy 3.52 3.32 2.22							
Pot Cap-1 Maneuver *191 *820 *1227 Stage 1 *774							
Stage 1 *774 -							
Stage 2 *430 - <td></td> <td></td> <td></td> <td>1221</td> <td></td> <td></td> <td></td>				1221			
Platoon blocked, % 1 1 1 1				-			
Mov Cap-1 Maneuver *189 *820 *1227 - <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
Mov Cap-2 Maneuver *383 -							
Stage 1 *765 -							
Stage 2 *430 -							
Approach EB NB SB HCM Control Delay, s 12.5 0.1 0 HCM LOS B B B Minor Lane/Major Mvmt NBL NBT EBLn1 SBT SBR Capacity (veh/h) * 1227 - 504 HCM Lane V/C Ratio 0.012 - 0.043 HCM Lane V/C Ratio 0.012 - 0.043 HCM Control Delay (s) 8 - 12.5 HCM Lane LOS A - B HCM 95th %tile Q(veh) 0 - 0.1 - Notes							
HCM Control Delay, s 12.5 0.1 0	Stage 2	430	-	-	-	-	-
HCM Control Delay, s 12.5 0.1 0	Annroach	ED		NID		CD	
Minor Lane/Major Mvmt NBL NBT EBLn1 SBT SBR Capacity (veh/h) * 1227 - 504 - - HCM Lane V/C Ratio 0.012 - 0.043 - - HCM Control Delay (s) 8 - 12.5 - - HCM Lane LOS A - B - - HCM 95th %tile Q(veh) 0 - 0.1 - - Notes							
Minor Lane/Major Mvmt NBL NBT EBLn1 SBT SBR Capacity (veh/h) * 1227 - 504 HCM Lane V/C Ratio 0.012 - 0.043 HCM Control Delay (s) 8 - 12.5 HCM Lane LOS A - B HCM 95th %tile Q(veh) 0 - 0.1 Notes				0.1		U	
Capacity (veh/h) * 1227 - 504 HCM Lane V/C Ratio 0.012 - 0.043 HCM Control Delay (s) 8 - 12.5 HCM Lane LOS A - B HCM 95th %tile Q(veh) 0 - 0.1 Notes	HOM LOS	В					
Capacity (veh/h) * 1227 - 504 HCM Lane V/C Ratio 0.012 - 0.043 HCM Control Delay (s) 8 - 12.5 HCM Lane LOS A - B HCM 95th %tile Q(veh) 0 - 0.1	Minor Lanc/Major My	nt	NIDI	NDT	EDI 51	CDT	CDD
HCM Lane V/C Ratio 0.012 - 0.043 HCM Control Delay (s) 8 - 12.5 HCM Lane LOS A - B HCM 95th %tile Q(veh) 0 - 0.1 Notes		IIL		INDI			
HCM Control Delay (s) 8 - 12.5 HCM Lane LOS A - B HCM 95th %tile Q(veh) 0 - 0.1 Notes				-			
HCM Lane LOS A - B - - HCM 95th %tile Q(veh) 0 - 0.1 - - Notes - - - - -		`					
HCM 95th %tile Q(veh) 0 - 0.1 Notes)					
Notes		,					
	HUM 95th %tile Q(veh	1)	U	-	0.1	-	-
~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume	Notes						
	~: Volume exceeds ca	pacity	\$: D	elay ex	ceeds 3	800s	+: Con

Intersection						
Int Delay, s/veh	0.2					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	¥	VVDIX	↑ ↑	NUIN	<u> </u>	† †
Traffic Vol, veh/h	20	5	404	6	1	919
Future Vol, veh/h	20	5	404	6	1	919
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	Stop -	None			riee -	None
Storage Length	0	None -	-	None -	540	None -
Veh in Median Storage	,	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	22	5	439	7	1	999
Major/Minor I	Minor1	N	Major1	N	Major2	
Conflicting Flow All	945	223	0	0	446	0
Stage 1	443	-	-	U	440	-
Stage 2	502	-	-	-	_	-
	6.84	6.94		-	4.14	
Critical Hdwy			-	-	4.14	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	2.22	-
Pot Cap-1 Maneuver	*662	780	-	-	1111	-
Stage 1	*614	-	-	-	-	-
Stage 2	*663	-	-	-	-	-
Platoon blocked, %	1		-	-		-
Mov Cap-1 Maneuver	*662	780	-	-	1111	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	*614	-	-	-	-	-
Stage 2	*662	-	-	-	-	-
Approach	WB		NB		SB	
HCM Control Delay, s	9.8		0		0	
HCM LOS	Α					
Minor Lane/Major Mvm	nt	NBT	NBRV	VBLn1	SBL	SBT
Capacity (veh/h)		_	_	780	1111	_
HCM Lane V/C Ratio		_		0.035		_
HCM Control Delay (s)	1	_	_	9.8	8.2	_
HCM Lane LOS		_	_	Α	A	_
HCM 95th %tile Q(veh	1	_	_	0.1	0	_
•	1			0.1	U	
Notes						
~: Volume exceeds cap	pacity	\$: De	elay ex	ceeds 3	00s	+: Com
	_					

Intersection						
Int Delay, s/veh	0.2					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	¥		↑ ⊅		<u> </u>	^
Traffic Vol, veh/h	12	3	1218	21	5	628
Future Vol, veh/h	12	3	1218	21	5	628
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	- -	None	-	None	-	None
Storage Length	0	-	_	-	540	-
Veh in Median Storage		-	0	_	-	0
Grade, %	0	_	0	<u>-</u>	_	0
Peak Hour Factor	92	92	92	92	92	92
	2	2	2	2	2	2
Heavy Vehicles, %	13			23		
Mvmt Flow	13	3	1324	23	5	683
Major/Minor I	Minor1	N	Major1	N	/lajor2	
Conflicting Flow All	1688	674	0	0	1347	0
Stage 1	1336	_	_	_	_	-
Stage 2	352	_	_	_	_	_
Critical Hdwy	6.84	6.94	_	_	4.14	_
Critical Hdwy Stg 1	5.84	-	_	_	_	_
Critical Hdwy Stg 2	5.84	_	_	_	_	_
Follow-up Hdwy	3.52	3.32	_	_	2.22	_
Pot Cap-1 Maneuver	*116	397	_	_	507	_
Stage 1	*210	-	_	_	-	_
Stage 2	*798	_	_	_	_	_
Platoon blocked, %	1 1	_	_	_	_	_
	•	207			E07	
Mov Cap-1 Maneuver	*114	397	-	-	507	-
Mov Cap-2 Maneuver	*198	-	-	-	-	-
Stage 1	*210	-	-	-	-	-
Stage 2	*790	-	-	-	-	-
Approach	WB		NB		SB	
	22.7		0		0.1	
HCM Control Delay, s HCM LOS			U		0.1	
HCMI LOS	С					
Minor Lane/Major Mvm	nt	NBT	NBRV	VBLn1	SBL	SBT
Capacity (veh/h)		_	_	220	507	_
HCM Lane V/C Ratio		_	_	0.074		_
HCM Control Delay (s)	١	_	_	22.7	12.2	_
HCM Lane LOS	/	_	_	C	В	_
HCM 95th %tile Q(veh	1)		_	0.2	0	_
`	'/			0.2	U	
Notes						
~: Volume exceeds cap	pacity	\$: De	elay ex	ceeds 3	00s	+: Com
			-			

Intersection								
Int Delay, s/veh	0.2						•	
Movement	WBL	WBR	NBT	NBR	SBL	SBT	I	
Lane Configurations	¥	WDIX	†	NDIX	ሻ	^		
Traffic Vol, veh/h	20	5	442	6	1	1004		
Future Vol, veh/h	20	5	442	6	1	1004		
Conflicting Peds, #/hr	0	0	0	0	0	0		
Sign Control	Stop	Stop	Free	Free	Free	Free		
RT Channelized	Stop -	None	-	None	-	None		
	0				540			
Storage Length		-	-	-		-		
Veh in Median Storage		-	0	-	-	0		
Grade, %	0	-	0	-	-	0		
Peak Hour Factor	92	92	92	92	92	92		
Heavy Vehicles, %	2	2	2	2	2	2		
Mvmt Flow	22	5	480	7	1	1091		
Major/Minor N	Minor1	N	Major1	n	Major2			
Conflicting Flow All	1032	244	0	0	487	0		
Stage 1	484	-	-	-	-	-		
Stage 2	548	-	-	-	-	-		
Critical Hdwy	6.84	6.94	-	-	4.14	-		
Critical Hdwy Stg 1	5.84	-	-	-	-	-		
Critical Hdwy Stg 2	5.84	-	-	-	-	-		
Follow-up Hdwy	3.52	3.32	-	-	2.22	-		
Pot Cap-1 Maneuver	*630	757	-	-	1072	-		
Stage 1	*585	-	-	-	-	-		
Stage 2	*631	_	_	_	-	-		
Platoon blocked, %	1		_	_		_		
Mov Cap-1 Maneuver	*630	757	_	_	1072	_		
Mov Cap-1 Maneuver	-	-	<u>-</u>	_	1072	_		
				_				
Stage 1	*585	-	-	-	-	-		
Stage 2	*630	-	-	-	-	-		
Approach	WB		NB		SB			
HCM Control Delay, s	9.9		0		0		ĺ	
HCM LOS	9.9 A		U		U			
HCIVI LOS	A							
Minor Lane/Major Mvm	ıt	NBT	NBRV	VBLn1	SBL	SBT		
Capacity (veh/h)			_	757	1072	-		
HCM Lane V/C Ratio		_	_	0.036		_		
HCM Control Delay (s)				9.9	8.4	_		
HCM Lane LOS		_	_	9.9 A	Α			
	\	-	_	0.1		-		
HCM 95th %tile Q(veh))	-	-	U. I	0	-		
Notes								
							í	
~: Volume exceeds cap	pacity	\$: De	elay exc	ceeds 3	300s	+: Com	١	putation Not Defined

Intersection								
Int Delay, s/veh	0.2							
Movement	WBL	WBR	NBT	NBR	SBL	SBT		
Lane Configurations	W		†		ሻ	^		
Traffic Vol, veh/h	12	3	1331	21	5	687		
Future Vol, veh/h	12	3	1331	21	5	687		
Conflicting Peds, #/hr	0	0	0	0	0	0		
Sign Control	Stop	Stop	Free	Free	Free	Free		
RT Channelized	-	None	-	None	-	None		
Storage Length	0	-	_	-	540	-		
Veh in Median Storage		_	0	_	-	0		
Grade, %	0	_	0	_	_	0		
Peak Hour Factor	92	92	92	92	92	92		
Heavy Vehicles, %	2	2	2	2	2	2		
Mvmt Flow	13	3	1447	23	5	747		
WWW.III. I IOW	10		1771	20		171		
Major/Minor N	Minor1	N	Major1	ı	Major2			
Conflicting Flow All	1843	735	0			0		
Stage 1	1459	755	-	-	1470	-		
Stage 2	384	-	_		_	_		
Critical Hdwy	6.84	6.94	-	_	4.14	_		
Critical Hdwy Stg 1	5.84	0.94	-	-	4.14	_		
Critical Hdwy Stg 2	5.84	_	-	-	-	-		
	3.52	3.32	-	_	2.22	-		
Follow-up Hdwy Pot Cap-1 Maneuver	*89	362	_	-	455	_		
	*180	302		_				
Stage 1		_	_	-	-	-		
Stage 2	*774	-		-	-			
Platoon blocked, %	*00	200	-	-	155	-		
Mov Cap-1 Maneuver	*88	362	-	-	455	-		
Mov Cap-2 Maneuver	*169	-	-	-	-	-		
Stage 1	*180	-	-	-	-	-		
Stage 2	*765	-	-	-	-	-		
Approach	WB		NB		SB			
HCM Control Delay, s	25.8		0		0.1			
HCM LOS	D							
Minor Lane/Major Mvm	ıt	NBT	NBRV	VBLn1	SBL	SBT		
Capacity (veh/h)		-	_	189	455	-		
HCM Lane V/C Ratio		_	_	0.086		_		
HCM Control Delay (s)		_	_	25.8	13	_		
HCM Lane LOS		_	_	23.0 D	В	_		
HCM 95th %tile Q(veh))	-		0.3	0	_		
`				0.0				
Notes		Φ.5			200		(() N () ()	* All
~: Volume exceeds cap	oacity	\$: D	elay ex	ceeds 3	800s	+: Con	nputation Not Defined	*: All major volume in platoon

	•	4	†	ļ
Lane Group	EBL	NBL	NBT	SBT
Lane Group Flow (vph)	72	48	405	909
v/c Ratio	0.40	0.10	0.14	0.32
Control Delay	21.8	3.4	2.6	3.1
Queue Delay	0.0	0.0	0.0	0.0
Total Delay	21.8	3.4	2.6	3.1
Queue Length 50th (ft)	9	5	22	58
Queue Length 95th (ft)	24	11	41	99
Internal Link Dist (ft)	198		190	486
Turn Bay Length (ft)				
Base Capacity (vph)	471	475	2895	2880
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.15	0.10	0.14	0.32
Intersection Summary				

	•	4	†	ļ
Lane Group	EBL	NBL	NBT	SBT
Lane Group Flow (vph)	52	44	1325	653
v/c Ratio	0.39	0.07	0.44	0.22
Control Delay	41.7	2.5	3.2	2.2
Queue Delay	0.0	0.0	0.0	0.0
Total Delay	41.7	2.5	3.2	2.2
Queue Length 50th (ft)	21	5	111	41
Queue Length 95th (ft)	51	12	159	66
Internal Link Dist (ft)	198		190	486
Turn Bay Length (ft)				
Base Capacity (vph)	324	646	3036	3019
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.16	0.07	0.44	0.22
Intersection Summary				

	•	•	†	ļ
Lane Group	EBL	NBL	NBT	SBT
Lane Group Flow (vph)	72	48	410	917
v/c Ratio	0.40	0.10	0.14	0.32
Control Delay	21.8	3.4	2.6	3.1
Queue Delay	0.0	0.0	0.0	0.0
Total Delay	21.8	3.4	2.6	3.1
Queue Length 50th (ft)	9	5	22	59
Queue Length 95th (ft)	24	11	41	100
Internal Link Dist (ft)	198		190	486
Turn Bay Length (ft)				
Base Capacity (vph)	471	471	2895	2880
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.15	0.10	0.14	0.32
Intersection Summary				

	•	•	†	ļ
Lane Group	EBL	NBL	NBT	SBT
Lane Group Flow (vph)	52	44	1339	659
v/c Ratio	0.39	0.07	0.44	0.22
Control Delay	41.7	2.5	3.2	2.2
Queue Delay	0.0	0.0	0.0	0.0
Total Delay	41.7	2.5	3.2	2.2
Queue Length 50th (ft)	21	5	113	42
Queue Length 95th (ft)	51	12	162	67
Internal Link Dist (ft)	198		190	486
Turn Bay Length (ft)				
Base Capacity (vph)	324	641	3036	3023
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.16	0.07	0.44	0.22
Intersection Summary				

	-	←	1	†	>	ļ
Lane Group	EBT	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	72	22	48	418	3	918
v/c Ratio	0.60	0.11	0.11	0.16	0.00	0.34
Control Delay	23.1	1.1	10.0	6.7	10.3	7.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	23.1	1.1	10.0	6.7	10.3	7.9
Queue Length 50th (ft)	0	0	5	21	0	56
Queue Length 95th (ft)	#28	0	31	117	6	280
Internal Link Dist (ft)	198	98		190		486
Turn Bay Length (ft)						
Base Capacity (vph)	121	200	422	2679	715	2666
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.60	0.11	0.11	0.16	0.00	0.34
Intersection Summary						

⁹⁵th percentile volume exceeds capacity, queue may be longer. Queue shown is maximum after two cycles.

	-	←	1	†	-	↓
Lane Group	EBT	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	55	13	55	1283	10	658
v/c Ratio	0.60	0.14	0.09	0.43	0.03	0.22
Control Delay	29.8	3.2	4.3	4.7	4.8	3.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	29.8	3.2	4.3	4.7	4.8	3.5
Queue Length 50th (ft)	0	0	5	92	1	36
Queue Length 95th (ft)	#31	0	22	308	9	129
Internal Link Dist (ft)	198	98		190		486
Turn Bay Length (ft)						
Base Capacity (vph)	91	91	629	2967	314	2962
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.60	0.14	0.09	0.43	0.03	0.22
Intersection Summary						

^{# 95}th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

	•	4	†	ļ
Lane Group	EBL	NBL	NBT	SBT
Lane Group Flow (vph)	66	38	448	992
v/c Ratio	0.38	0.09	0.15	0.34
Control Delay	20.9	3.3	2.5	3.2
Queue Delay	0.0	0.0	0.0	0.0
Total Delay	20.9	3.3	2.5	3.2
Queue Length 50th (ft)	7	4	24	65
Queue Length 95th (ft)	44	13	44	109
Internal Link Dist (ft)	198		190	486
Turn Bay Length (ft)				
Base Capacity (vph)	451	433	2901	2891
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.15	0.09	0.15	0.34
Intersection Summary				

	•	4	†	ļ
Lane Group	EBL	NBL	NBT	SBT
Lane Group Flow (vph)	46	45	1385	708
v/c Ratio	0.37	0.07	0.46	0.23
Control Delay	42.5	2.5	3.2	2.3
Queue Delay	0.0	0.0	0.0	0.0
Total Delay	42.5	2.5	3.2	2.3
Queue Length 50th (ft)	20	5	119	45
Queue Length 95th (ft)	57	13	177	72
Internal Link Dist (ft)	198		190	486
Turn Bay Length (ft)				
Base Capacity (vph)	308	611	3040	3032
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.15	0.07	0.46	0.23
Intersection Summary				

	-	←	1	†	-	ļ
Lane Group	EBT	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	66	22	38	456	3	993
v/c Ratio	0.55	0.11	0.10	0.17	0.00	0.37
Control Delay	18.5	1.1	10.1	6.8	10.3	8.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	18.5	1.1	10.1	6.8	10.3	8.1
Queue Length 50th (ft)	0	0	4	23	0	63
Queue Length 95th (ft)	#18	0	37	127	6	310
Internal Link Dist (ft)	198	98		190		486
Turn Bay Length (ft)						
Base Capacity (vph)	121	200	385	2679	690	2672
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.55	0.11	0.10	0.17	0.00	0.37
Intersection Summary						

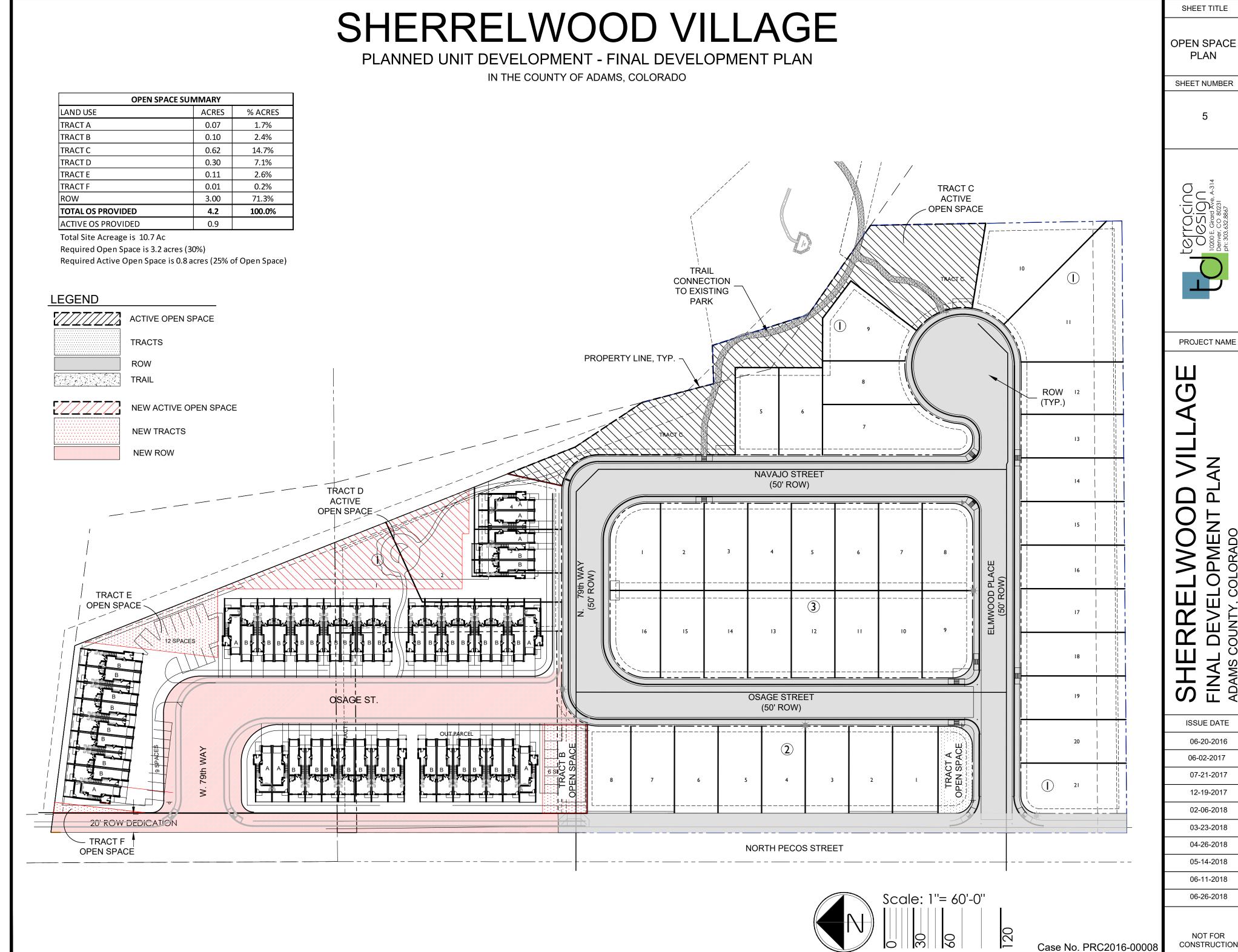
^{# 95}th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

	-	←	1	†	-	↓
Lane Group	EBT	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	46	13	45	1401	10	713
v/c Ratio	0.51	0.14	0.08	0.47	0.04	0.24
Control Delay	19.4	3.2	4.3	5.0	4.9	3.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	19.4	3.2	4.3	5.0	4.9	3.6
Queue Length 50th (ft)	0	0	4	106	1	40
Queue Length 95th (ft)	#8	0	26	353	9	142
Internal Link Dist (ft)	198	98		190		486
Turn Bay Length (ft)						
Base Capacity (vph)	91	91	596	2970	273	2964
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.51	0.14	0.08	0.47	0.04	0.24
Intersection Summary						

^{# 95}th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.



PROJECT NAME

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

04-26-2018

06-11-2018

NOT FOR CONSTRUCTION



Neighborhood Meeting Summary Elmwood Estates of Sherrelwood Village

The following is a summary of the virtual neighborhood meeting held on August 25, 2020.

The mailed notice informing residents of the neighborhood meeting was sent on August 14, 2020. Additional residents were notified via email if they had previously commented on the submittal. The notice outlined how residents could email an email address to get the virtual meeting link and other information if requested.

8 residents requested to participate in the Virtual format, and the following questions/answers were:

Marilyn Shea

- Have the Townhomes been approved yet or are they still under review?
- I would like to discourage the use of high-density residences in this area because parking in the area is already limited.
- I am not impressed with how the storm water was dealt with in Clear Water Estates (another Delwest project). It seems to be a temporary fix and not completed. I'm concerned that stormwater structures will be an issue in the Elmwood Estates, and we will have to foot the bill in the future.
- This will lead to increased traffic congestion in the area. I've seen a lot of bad traffic situations in this area and I do not believe a three-way stop will make the situation any better.

Andrew Dauernheim

- Agrees with the previous points made by Marilyn especially with her statements on the traffic standpoint.
- Concerned with the gathering area/park amenity. In the presentation it seemed like an afterthought.

Craig Fitchett of Delwest (response to Marilyn & Andrew)

• I wanted to clarify Marilyn's comment about the Clear Lake Estates. We installed a \$175k, 58" pipe that will sit there for maybe 8 years until Urban drainage can access it. Its not going to be a burden for Sherrelwood taxpayers. In the interim we've made that site plug and play as soon as the rest of the drainage facility is there.

- As far as parking, we do have a successful subdivision and I have not heard any
 complaints from any of the residents about parking. We are almost sold out there
 and we feel like we have parked this site adequately.
- The park to the east will allow for overflow parking. We will have integrated sidewalks that will allow pedestrian access form parking at the park to our neighborhood.
- One thing we were trying to do in Sherrelwood was to create an outdoor amenity and identify the park as a place to meet and create an annual outdoor activity. Whether it's a festival or music nights or something similar,
- We've partnered with Hyland Hills who owns Sherrelwood park. We are going to work with them to create the correct amenity. However, with Covid we've been thwarted in our efforts in designing the proper amenity there as of yet.
- I agree it feels as though it was a little bit of an afterthought. But we haven't truly designed that amenity space, we are working with Hyland Hills to do that. As soon as we get something, I promise it will be on the website and you will be the first to know about it.
- We look for your input to help us design what we are doing in the future and we
 will hopefully work with you to create community input that will help guide our
 design to create what you are looking for in a meeting place like that.

Kelly & Mike Adolf

- Why in our outdoor amenity space do we need to pay homage to the "bubble building"? Is there a group of people that requested homage be paid?
- I know that Covid has been an issue, but is there an expectation as to when the Children's Outreach Center ("Bubble building") will be torn down?
- Is Adams County/ Hyland Hills prepared to address the higher density/ use of the park area? Especially in terms of garbage and safety concerns?
- Will any of the existing trees be saved?

Craig Fitchett of Delwest (Kelly & Mike Adolf)

- We are working with the city council, community, and Hyland Hills to create neighborhood identity and a "rebirth" in some of these older communities and Sherrelwood Park gives us the perfect opportunity to do that.
- There is no proposal just yet for any events or festivals, but we are working on bringing an annual or quarterly event to the park.
- A million people have moved to the Denver area in the last 10 years, the metro area is under pressure for housing. We are here to create affordable housing for the growing population.
- Any opportunity for infill with a bias towards open space, density, and farer traffic conditions is a win for everyone.
- We attempted to get the COP (Children's Opportunity Project) relocated to a space to grow as a part of this project as the building did not fit their need and was in disrepair. Sadly, they had to shudder due to lack of funding.
- We've had a lot vandalism to the building and have paid at least \$6-\$7K on clean up. Anything of value has been taken by vandals and sold. Though some

- want to save and repurpose the building there isn't the budget to do that. It would take millions of dollars to get that building up to code and wouldn't be the best use of the site.
- We are going to map the site and attempt to save any trees possible, we have an green space area to the east that we should be able to keep existing trees.
 No promises but we will do our best to preserve as many of the existing trees as possible.

Joesph Valasquez

- Not everyone has open distain for the Children's Outreach Center ("Bubble building. I know that not everybody likes to see an old building standing and some would rather see progress than history last.
- I would like to make a counter point to Ms.Adolfs opinion: a building that is a bit beat up does not mean it's not decrepit. I've been in the building multiple times over the years and Its really sad to hear people talk about the building in a way that its disposable.
- If you are upset someone is throwing bottles, yell at them, call the cops. We have to protect our own communities and this is what this meeting is about.
- The development that went up south of Pecos had promises of a Recreation center that did not come through. How will we know you will fulfil all these promises without anything on paper?
- Also, I would like to support Marilyn's statements on traffic and density. I can't see how adding a stoplight and 40 families will relieve traffic congestion.
- I personally live in a townhome development and its packed; there are more than 3 cars per home.
- You using the city park area for overflow parking seems like you are using city tax dollars to fund extra parking for you guys which does not sound fair to me.
- You are buying/ using old school district 12 property. They would refuse to sell to anyone until you came along. I don't know if you taking the position that you are the stars of the neighborhood when the owners refused to sell it to anyone else is accurate.
- So are you really trying to leverage community space for private profits?
- 43 homes in that little area is crappy. Do you want 200 people living across from you. I've been in that area and its smaller than a city block and you are putting 40 homes.
- Finally, I am offended that you are talking like my community like some type of slum like it's a craphole. I would appreciate it if you didn't tear down the park to put another 200 people.

Craig (response to Joesph)

- Delwest has had a relationship with the previous owner, Adams county school district 50 (not district 12 as stated by Joseph), for 5 years now. We give money every time we sell a home to the Westminster foundation.
- We work with Westminster public schools. For example we used Westminster public school artwork in our new affordable project at Baker school apartments

- in the project we worked with elementary, middle, and high school students in creating the art on site.
- We asked the district to sell 3-4 years ago, and they were unable to sell it. It
 wasn't just us, everyone else did not get a chance to buy it. We did actively go
 after it but we were being told no by the district.
- We are not going to try to tear down the park we are going to enhance it with new structures. We believe the park is a fantastic community amenity.
- When you have a vacant building with weeds growing out of control, with nobody entering it and no controls over that from a security standpoint you get vandalism, breaking and entering, you get all sorts of crime. That happens because people break into a vacant building and take things from it.
- Unfortunately, COP (Children's Opportunity Project) wasn't able to stay in business and the building in the interim has been vandalized.

Joesph Valasquez

- I would like to ask how you came to own the property? I was personally interested in buying and building a single-family unit. I couldn't even get a hold of anyone to talk to me about selling it. I was told its unavailable, no one could buy the property, then all of sudden Delwest owns the property.
- You buy these properties for prime values and now you are going to make millions of dollars off of these 40 units. How does that work?

Craig Fitchett of Delwest (response to Joesph)

We pay a lot more in property taxes.

Joesph Valasquez

But how do you get ahead of me in purchasing this property?

Craig Fitchett of Delwest (response to Joesph)

• I don't know how that happened, but this is my job and I'm good at it. I apologize you didn't get to get an offer to the school district. I know many offers were made and we made a competitive offer.

Joesph Valasquez

Do you know if this information is public information?

Craig Fitchett of Delwest (response to Joesph)

- I'm sure it is, I'm not sure how many offers were made.
- We don't just build single family homes; we build apartments where we bring in affordable housing. I have many housing choice vouchers for people that are unfortunately able to afford different locations throughout the city.
- Communication is the answer right now as we move forward, we would love your input. I know our intention is not to save the building, but to create community. So, help me build community by giving us your input.

Joesph Valasquez

 How many people do you think will be living in this space once it is fully built out at 43 units?

Craig Fitchett of Delwest (response to Joesph)

• I am not totally sure, but it is close to 2.8 people per unit. The site would not be able to accommodate much more than that.

Joesph Valasquez

• I do not think it will be great to add 200 people to the community. There is no yards or place for the kids to play.

Craig Fitchett of Delwest (response to Joesph)

- I think there is a misconception that we are taking away from the park. When people say there is no place to play there is a 17AC park.
- We will try and enhance the park so we can get more utility from the park. Right now, the 17 ac will be maintained as a park as long as we know.

Sarah Garner

- My personal issue is that a development company that has only been Denver based since 1993 is going to come in and destroy one of the few nostalgic buildings in the area. I do want it known that the community doesn't feel like the "spaceship house" is a blighted building or ugly.
- The only reason it is vacant is because the Westminster School District refused to sell to a private party. I was told verbatim that they were waiting on "Developer money".
- I live across the street from the spaceship house and we keep eyes on the "bubble building" You mention its being vandalized, but I haven't seen it. All the windows are intact and there are security cameras on the outside of the building so if there are people throwing bottles at the building please call the cops and keep our neighborhood safe.
- Craig, you have a daughter from what I understand, what kind of community can our children have when every block is corner to corner with concrete and siding? They need outdoor recreation, outdoor space and parks. There are plenty of development complexes around the area
- I personally feel like you are trying to gentrify our neighborhoods with the sole intention of lining your pockets. I'm not personally comfortable with it. If you sell each unit for \$300k that would be \$14.5 million.
- I feel like you are trying to raise our property taxes and tear down our old buildings.
- As Joseph stated before, I attempted to buy the property and was told it's not a possibility, it was a commercial deal. I don't know, I just don't think its fair either.

Craig Fitchett of Delwest (response to Sarah)

- We've been in business for a long time, 1993 seems like a long time to me. We've seen a lot of ups and downs in the building industry and we've pivoted in the last 5 years. We build affordable housing for people.
- With the average house going for \$600k we can offer housing for less than \$400k.
 We are going to open up opportunities for a massive supply of buyers that have nowhere to go.
- We didn't create the buyers or the traffic, but what we do is say there's a great amenity, lets take advantage of it. Let's make it better, lets make it safer and let's make this vacant land into something that will enrich lives and enrich the community.
- You bring up my daughter, she is an architectural student at CU, and she loves going on city walks with me. We really appreciate cities like NY where you can get to central park, you see these great pocket parks that are great gathering areas and a place to commune but they are surrounded by these high rises. It gives people a great way to live in the sense that they have a place to walk and gather.
- As we move forward, I really want to work with the community to create the best options for everyone.

Pat Hall (Messaged Questions/Comments)

- Listeners need to know this is a zoning change request to the County as a first effort.
- I want to know who is paying for the playground?
- No housing shortages in this neighborhood...
- Just build 4 new houses on this property.
- This is NOT blighted property and I have not heard of any vandalism...ls this a scare tactic?
- Where is this affordable housing?
- This is not NY City
- You won't be living here right?

-End of Meeting-

In attendance were Layla Rosales and Mike Weiher from Terracina Design, Craig Fitchett, Derrell Schreiner, and Bree Neely from Delwest, Alan Sielaff from Adams County, and local residents Marilyn Shea, Andrew Dauernheim, Kelly & Mike Adolf, Joseph Valasquez, Sarah Garner, and Pat Hall.

ELMWOOD ESTATES EROSION AND SEDIMENT CONTROL PLANS

PART OF THE NORTHEAST QUARTER SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF ADAMS, STATE OF COLORADO

DELWEST CAPITAL DEVELOPMENT CORP. 155 S. MADISON ST. DENVER, COLORADO 80209 (720) 708-4065 CONTACT: DERRELL SCHREINER

LANDSCAPE TERRACINA DESIGN 10200 E. GIRARD AVENUE, SUITE A-314 DENVER, CO 80231 (303) 632-8867 CONTACT: LAYLA ROSALES

CORE CONSULTANTS, INC. LITTLETON, CO 80120 (303) 703-4444, EXT 119

DISTRICT MANAGER CITY DEVELOPMENT 9500 CIVIC CENTER DRIVE THORNTON, CO 80229 (303) 538 - 7295CONTACT: TBD

ADAMS COUNTY BRIGHTON, CO 80601 (720) 523-6826

ENGINEER

CORE CONSULTANTS, INC. 1950 WEST LITTLETON BLVD., SUITE 109 LITTLETON, CO 80120 (303) 703-4444, EXT 113 CONTACT: DAVID FORBES

1950 WEST LITTLETON BLVD., SUITE 109

4430 S. ADAMS COUNTY PARKWAY, W2000B CONTACT: MATT EMMENS

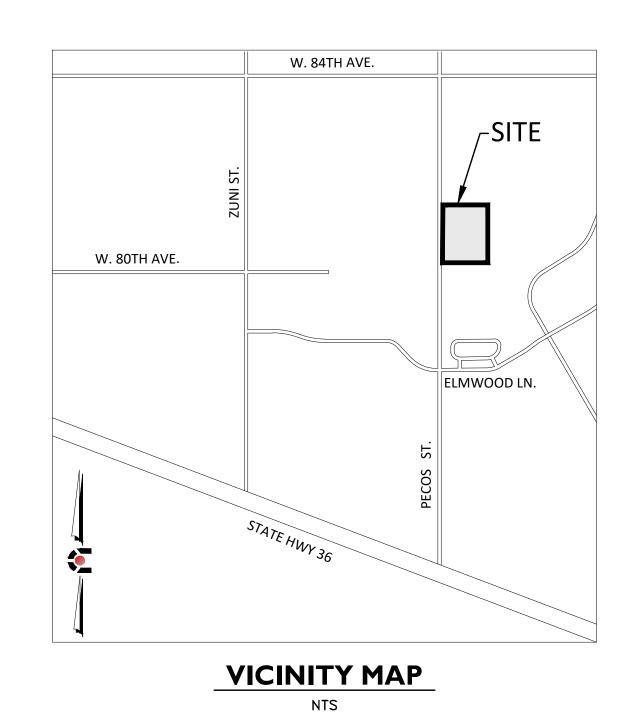
PUBLIC IMPROVEMENTS SHALL CONFORM TO ADAMS COUNTY STANDARDS AND SPECIFICATIONS AND LATEST EDITION OF COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

NOTICE TO CONTRACTOR
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES, CONDUITS OR OTHER STRUCTURES SHOWN ON THESE PLANS WAS OBTAINED BY THE SEARCH OF AVAILABLE RECORDS. THE ENGINEER ASSUMES NO LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF SUCH DATA. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES, CONDUITS OR STRUCTURES WHETHER OR NOT SHOWN ON THESE PLANS AND BY ACCEPTING AND UTILIZING THESE PLANS, ASSUMES ALL RESPONSIBILITY FOR THE PROTECTION OR AND ANY DAMAGE TO SAID FACILITIES.

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, CORE CONSULTANTS, INC. APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

BASIS OF BEARINGS
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 6th P.M., BEING ASSUMED TO BEAR N 89°30'30" E, FROM THE NORTH QUARTER CORNER OF SAID SECTION 33, BEING A 3 1/4" ALUMINUM CAP IN RANGE BOX, PLS 23519 TO THE NORTHEAST CORNER OF SAID SECTION 33 BEING A 3 1/4" ALUMINUM CAP IN RANGE BOX, PLS 7276 WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

BENCHMARK DESCRIPTION NGS MONUMENT 547, P.I.D. "DJ8173, ADAMS COUNTY" HAVING A PUBLISHED ELEVATION OF 5286.29 FEET. (NAVD 88)



Sheet List Table Sheet Number Sheet Title COVER SHEET

GENERAL NOTES INITIAL EROSION CONTROL PLAN INTERIM EROSION CONTROL PLAN FINAL EROSION CONTROL PLAN EROSION CONTROL DETAILS

DESIGNED BY: NW DRAWN BY: NW CHECKED BY: _JS_

JOB NO. 19-165 SHEET OF 6

EROSION AND SEDIMENT CONTROL NOTES

GENERAL NOTES:

- 1. OWNER/CONTRACTOR IS RESPONSIBLE FOR OBTAINING A STATE OF COLORADO, COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE) GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY COR-030000 PRIOR TO CONSTRUCTION (CDPS STORMWATER CONSTRUCTION PERMIT).
- 2. THE OWNER/CONTRACTOR SHALL PROVIDE ADAMS COUNTY WITH A COPY OF THIS CDPS STORMWATER CONSTRUCTION PERMIT LETTER OF APPROVAL AND CERTIFICATION FROM THE STATE PRIOR TO RECEIVING A COUNTY CONSTRUCTION/BUILDING PERMIT. THE OWNER/CONTRACTOR IS RESPONSIBLE FOR ALL FEES ASSOCIATED WITH THIS CDPS STORMWATER CONSTRUCTION PERMIT.
- 3. A COPY OF THE CDPS STORMWATER CONSTRUCTION PERMIT FROM CDPHE AND THE APPROVED STORMWATER MANAGEMENT PLAN (SWMP) WITH AN EROSION AND SEDIMENT PLAN SHALL BE KEPT ON SITE AND UPDATED AT ALL TIMES IN COMPLIANCE WITH THE CDPS STORMWATER CONSTRUCTION PERMIT.
- 4. OWNER/CONTRACTOR IS RESPONSIBLE FOR FILING A CDPHE INACTIVATION NOTICE - CONSTRUCTION STORMWATER DISCHARGE GENERAL PERMIT CERTIFICATION; ONCE THE CONSTRUCTION SITE HAS BEEN FINALLY STABILIZED IN COMPLIANCE WITH THE CDPS STORMWATER CONSTRUCTION PERMIT.
- 5. THE OWNER/CONTRACTOR SHALL PROVIDE ADAMS COUNTY WITH A COPY OF THIS INACTIVATION NOTICE. THERE WILL BE NO FEE CHARGED TO ADAMS COUNTY FOR THE INACTIVATION NOTICE OR IF THE CONTRACTOR NEGLECTS TO FILE THIS NOTICE.
- 6. THE SWMP ADMINISTRATOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION. THE SWMP SHALL BE MODIFIED IN COMPLIANCE TO THE CDPS STORMWATER CONSTRUCTION PERMIT.
- 7. STANDARD INSPECTIONS A THOROUGH INSPECTION OF THE BEST MANAGEMENT PRACTICES (BMPS) SHALL BE PERFORMED EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY PRECIPITATION OR SNOWMELT EVENT THAT CAUSES SURFACE FROSION.
- 8. USE BIODEGRADABLE EROSION CONTROL BLANKETS ON SLOPES 3:1 OR STEEPER AND IN SWALES OR LONG CHANNELS.
- 9. ALL SOIL IMPORTED TO OR EXPORTED FROM THE SITE SHALL BE PROPERLY COVERED TO PREVENT THE LOSS OF MATERIAL DURING TRANSPORT. HAUL ROUTES MUST BE PERMITTED BY THE COUNTY. NO MATERIAL SHALL BE TRANSPORTED TO ANOTHER SITE WITHOUT FIRST OBTAINING A HAULING PERMIT FROM ADAMS COUNTY PLANNING.
- 10. 1THE CONCRETE WASHOUT CONTAINMENT STRUCTURE SHALL CONTAIN ALL CONCRETE WASHOUT WATER. STORMWATER SHALL NOT CARRY WASTES FROM THE DESIGNATED CONCRETE WASHOUT LOCATION AND SHALL BE LOCATED A MINIMUM OF FIFTY (50) FEET HORIZONTAL FROM WATERS OF THE STATE.
- 11. THE ACTUAL SCHEDULE FOR IMPLEMENTING EROSION AND SEDIMENT CONTROL MEASURES WILL BE DETERMINED BY PROJECT CONSTRUCTION PROGRESS. DOWN SLOPE PROTECTIVE MEASURES (I.E. SEDIMENT CONTROL BARRIERS) MUST ALWAYS BE IN PLACE BEFORE SOIL IS DISTURBED.
- 12. INSTALL SEDIMENT CONTROL BARRIERS DOWN SLOPE FROM CONSTRUCTION THAT DISTURB SITE SOIL. SEDIMENT CONTROL BARRIERS SHOULD BE INSTALLED IN THE LOCATIONS SHOWN ON THE EROSION AND SEDIMENT CONTROL DRAWINGS, AS WELL AS OTHER LOCATIONS AS DEEMED NECESSARY BY THE CONTRACTOR, INSPECTOR OR OWNER."

BMP MAINTENANCE NOTES:

- 1. IT IS ANTICIPATED THAT THE BMPS IMPLEMENTED AT THE SITE WILL HAVE TO BE MODIFIED TO ADAPT TO CHANGING CONDITIONS OR TO ENSURE THAT POTENTIAL POLLUTANTS ARE BEING PROPERLY MANAGED AT THE SITE. WHEN BMPS ARE MODIFIED, THE SWMP MUST BE MODIFIED TO ACCURATELY REFLECT THE ACTUAL FIELD CONDITIONS.
- 2. THE OWNER/CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL SILT FENCING SO THAT IT FUNCTIONS PROPERLY DURING CONSTRUCTION AND WORK SUSPENSIONS. ALL SILT FENCING SHALL BE REMOVED BY THE CONTRACTOR UPON SUBSTANTIAL PERMANENT STABILIZATION UNLESS OTHERWISE DIRECTED BY AUTHORIZED ADAMS COUNTY PERSONNEL.
- 3. SILT FENCE SHALL BE INSTALLED ALONG CONTOURS AND PRIOR TO ANY GRUBBING OR GRADING ACTIVITY. IT SHALL BE LOCATED TO CAPTURE OVERLAND, LOW-VELOCITY SHEET FLOWS IN WHICH IT SHALL BE INSTALLED AT A FAIRLY LEVEL GRADE.
- 4. IT IS RECOMMENDED THAT SILT FENCE SHALL BE INSTALLED FIVE (5) FEET AWAY FROM THE TOE OF THE SLOPE OR STOCKPILE, AND EVERY SEVENTY FIVE (75) TO ONE HUNDRED TWENTY FIVE (125) FEET APART ON LONG SLOPES. 5. DO NOT PLACE SILT FENCE IN OR ADJACENT TO EXISTING WETLANDS
- WHERE TRENCHING IMPACTS WETLANDS.
- DISPOSED OF ONCE IT HAS ACCUMULATED TO HALF THE DESIGN OF THE TRAP OR DAILY DURING PERIODS OF CONSISTENT PRECIPITATION. 7. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VEHICLE TRACKING CONTROL DURING CONSTRUCTION. THE
- VEHICLE TRACKING CONTROL SHALL BE REMOVED AT THE COMPLETION OF THIS PROJECT UNLESS OTHERWISE DIRECTED BY AUTHORIZED ADAMS COUNTY PERSONNEL. 8. TEMPORARY SEDIMENT TRAPS AND BASINS SHALL BE INSTALLED
- BEFORE ANY LAND DISTURBANCE TAKES PLACE IN THE DRAINAGE AREA. THE AREA UNDER THE EMBANKMENT SHALL BE CLEARED. GRUBBED, AND STRIPPED OF ALL VEGETATION AND ROOT MAT. SEDIMENT SHALL BE REMOVED WHEN NO LONGER FUNCTIONAL AND DISPOSED OF AT AN APPROVED LOCATION.
- 9. ALL SEDIMENT FROM STORMWATER INFRASTRUCTURE (I.E. DETENTION PONDS, STORM SEWER PIPES, OUTLETS, INLETS, ROADSIDE DITCHES, ETC.) SHALL BE REMOVED PRIOR TO INITIAL ACCEPTANCE. THIS SEDIMENT SHALL NOT BE FLUSHED OFF-SITE, BUT SHALL BE CAPTURED ON-SITE AND DISPOSED OF AT AN APPROVED LOCATION.
- 10. TEMPORARY ROCK CHECK DAM THE MAXIMUM HEIGHT OF THE CHECK DAM AT THE CENTER SHOULD NOT EXCEED ONE HALF THE DEPTH OF THE DITCH OR SWALE. THE MAXIMUM SPACING BETWEEN DAMS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM.
- 11. CONSTRUCTION SAFETY BARRIER FENCING (ORANGE CONSTRUCTION FENCE) MUST BE USED TO PROTECT WETLANDS AND OTHER SENSITIVE AREAS AND TO PREVENT ACCESS.
- 12. WATER FROM DEWATERING OPERATIONS SHALL NOT BE DIRECTLY DISCHARGED INTO ANY WATERS CONVEYANCE SYSTEMS INCLUDING WETLANDS, IRRIGATION DITCHES, CANALS, RIVERS, STREAMS OR STORM SEWER SYSTEMS, UNLESS ALLOWED BY A STATE CONSTRUCTION DEWATERING PERMIT.

PERFORMANCE NOTES:

- TEMPORARY AND OR PERMANENT BMPS INTENDED TO CONTROL EROSION OF AN EARTH DISTURBANCE OPERATION SHALL BE INSTALLED BEFORE ANY EARTH DISTURBANCE OPERATIONS TAKE PLACE IN SEQUENCE WITH PROPER PHASING.
- 2. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE DISTURBED AREA AND PROTECT NATURAL FEATURES, SOIL AND VEGETATION.
- 3. PERSONS ENGAGED IN EARTH DISTURBANCES SHALL IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. IN CONFORMANCE WITH THE EROSION CONTROL TECHNICAL STANDARDS ADOPTED BY ADAMS COUNTY AND IN COMPLIANCE WITH THE CDPS STORMWATER CONSTRUCTION PERMIT.
- 4. EARTH DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED AND COMPLETED IN SUCH A MANNER SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST POSSIBLE PERIOD OF TIME.
- 5. SEDIMENT CAUSED BY ACCELERATED SOIL EROSION SHALL BE REMOVED FROM RUNOFF WATER BEFORE IT LEAVES THE SITE OF THE EARTH DISTURBANCE.
- 6. EXCAVATED MATERIAL AND OTHER CONSTRUCTION DEBRIS SHALL NOT BE STOCKPILED WITHIN THE ROADWAY SECTION. BACKFILL MATERIALS UP TO A MAXIMUM OF 130 CY MAY BE STOCKPILED, WITH APPROPRIATE EROSION CONTROL MEASURE. BUT MUST BE REMOVED OR PLACED BY THE END OF EACH WORK WEEK.
- 7. ANY CONSTRUCTION AREAS, NOT GRADED TO FINAL GRADE, REQUIRE TEMPORARY BMPS FOR SITE STABILIZATION.
- 8. AS NECESSARY, CONSTRUCT A TEMPORARY FACILITY DESIGNATED FOR CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE CONSTRUCTION SITE.
- 9. PERMANENT EROSION AND SEDIMENT CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING.
- 10. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. OR CONTAINED UNTIL APPROPRIATE CLEANUP METHODS CAN BE EMPLOYED. MANUFACTURE'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE FOLLOWED, ALONG WITH PROPER DISPOSAL METHODS.
- 11. CONCRETE WASHOUTS SHALL NOT BE PLACED IN LOW AREAS, DITCHES OR ADJACENT TO STATE WATERS.
- 12. THE OWNER/CONTRACTOR SHALL CHECK THE CAPACITY FOR ALL CONCRETE WASHOUT AREAS. WASTE MATERIALS MUST BE REMOVED BY THE CONTRACTOR AND LEGALLY DISPOSED OF WHEN ACCUMULATIONS AMOUNT TO TWO-THIRDS (%) OF THE WET STORAGE CAPACITY OF THE STRUCTURE.
- 13. ALL CONCRETE WASHOUT AREAS SHALL BE CLEARLY MARKED. THE CONCRETE WASHOUT CONTAINMENT STRUCTURE WILL INCLUDE A 2'X3'SIGN POSTED WITH THE WORDS "CONCRETE WASHOUT". THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND/OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
- 14. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF. CONCRETE WASHOUT WASTE MUST NOT BE BURIED.
- 15. DISTURBED AREAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADE SHALL BE TEMPORARILY STABILIZED IMMEDIATELY AFTER INTERIM GRADING.
- 16. FINAL STABILIZATION IS REACHED WHEN ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED. AND UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A DENSITY OF AT LEAST SEVENTY PERCENT (70%) OF PRE-DISTURBANCE LEVELS OR EQUIVALENT PERMANENT, PHYSICAL EROSION REDUCTION METHODS HAS BEEN EMPLOYED.
- 17. RECORDS OF SPILLS, LEAKS, OR OVERFLOWS THAT RESULT IN THE DISCHARGE OF POLLUTANTS MUST BE DOCUMENTED AND MAINTAINED. SOME SPILLS MAY NEED TO BE REPORTED TO THE DIVISION IMMEDIATELY: SPECIFICALLY, A RELEASE OF ANY CHEMICAL. OIL, PETROLEUM PRODUCT, SEWAGE, ETC., WHICH MAY ENTER WATERS OF THE STATE, MUST BE REPORTED. MORE GUIDANCE IS AVAILABLE ON THE WEB AT
- WWW.CDPHE.STATE.CO.US/EMP/SPILLSANDRELEASED.HTM THE DIVISION'S TOLL FREE 24-HOUR ENVIRONMENTAL EMERGENCY SPILL REPORTING LINE IS 1-877-518-5608. ALSO IMMEDIATELY CALL ADAMS COUNTY AT 303-523-6400 AND THE TRI-COUNTY HEALTH DEPARTMENT AT 303-220-9200"



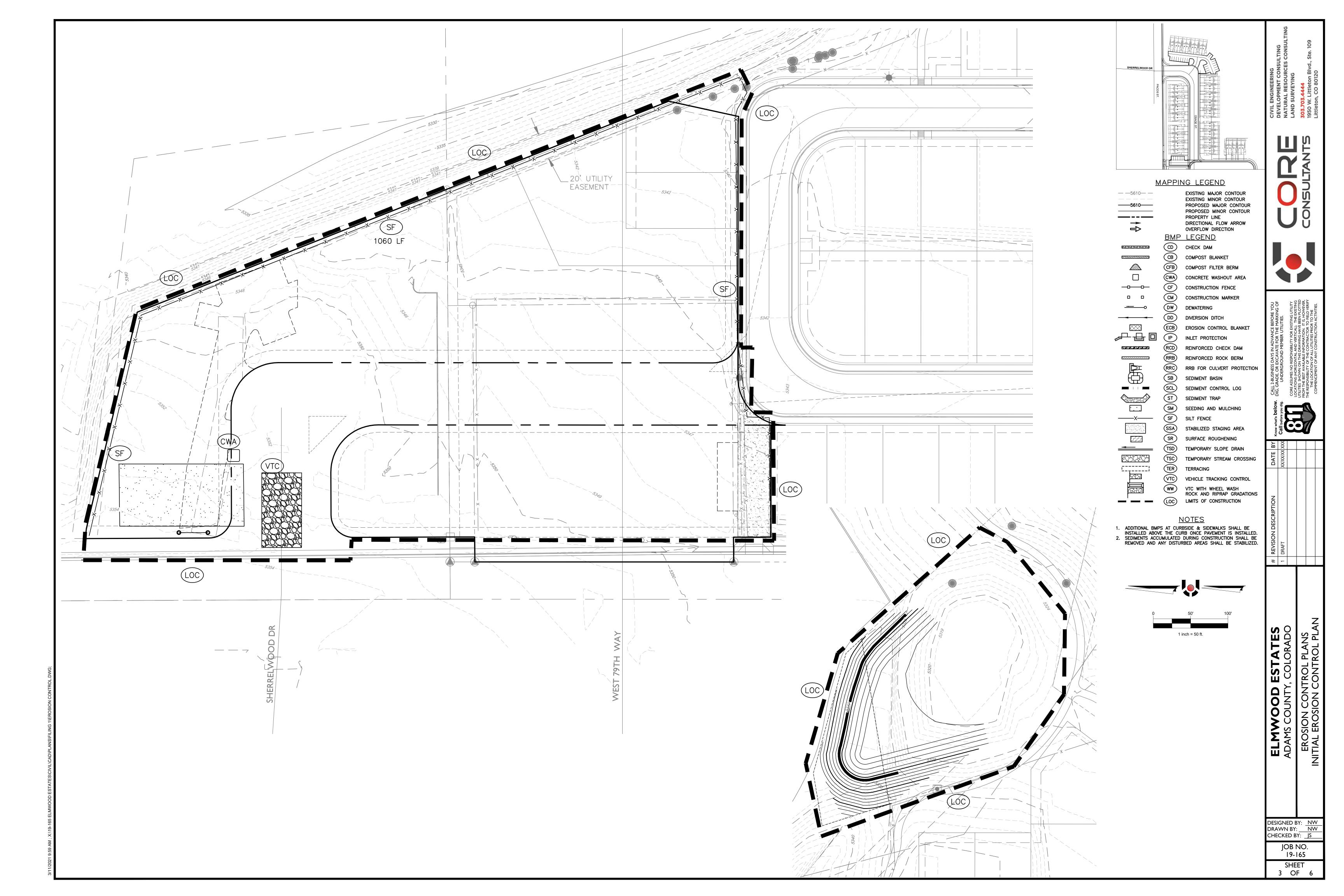


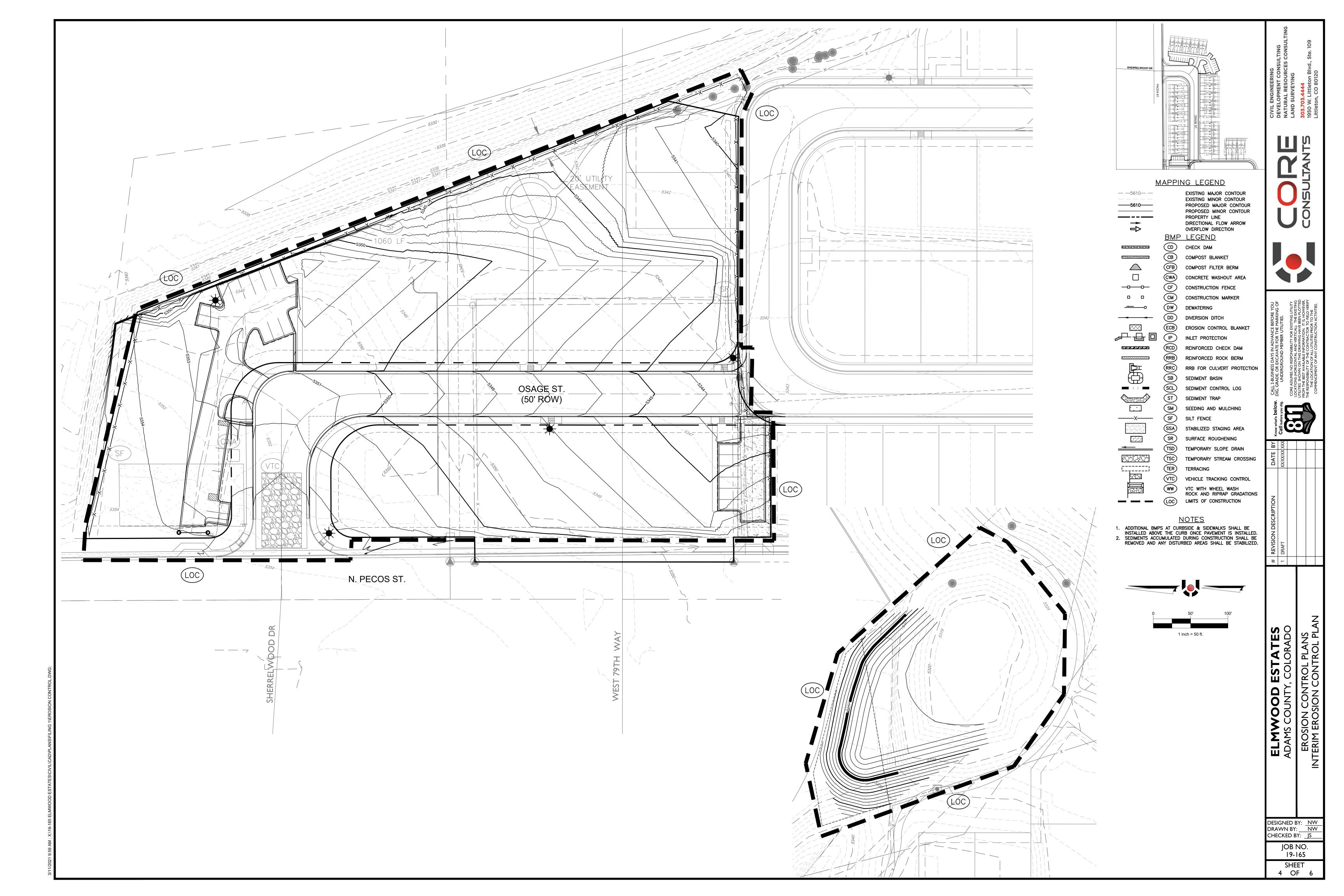


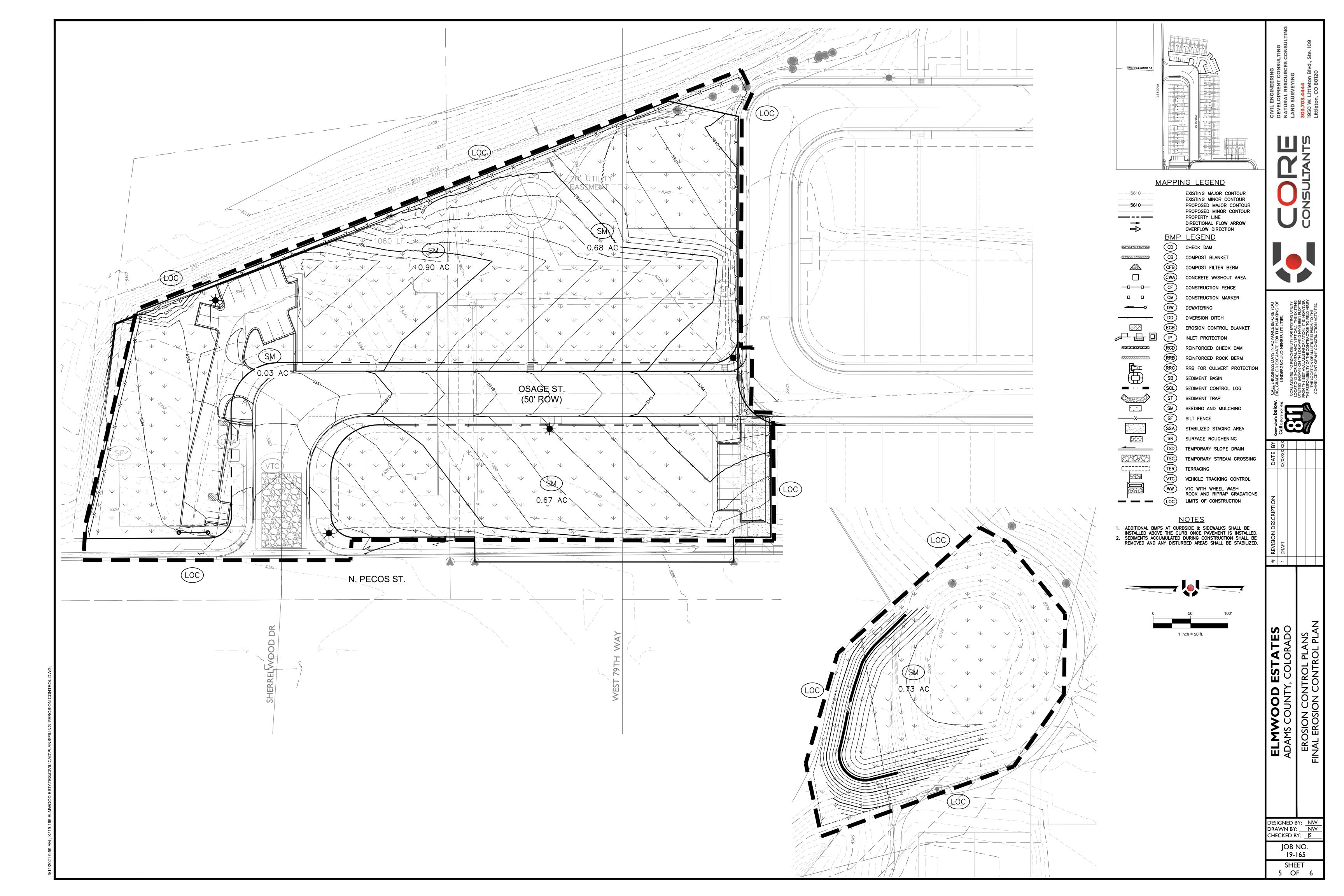
DESIGNED BY: NW DRAWN BY: NW CHECKED BY: _JS

> JOB NO. 19-165 SHEET

2 OF 6







VEHICLE TRACKING

CONTROL (SEE

VEHICLE TRACKING

CONTROL (SEE VTC -

DETAIL)

(WIDTH CAN BE

LESS IF CONST.

VEHICLES ARE

No recycled concrete.

UNLESS OTHERWISE SPECIFIED

NON-WOVEN GEOTEXTILE

BY LOCAL JURISDICTION, USE - CDOT SECT. #703, AASHTO #3

COARSE AGGREGATE OR 6"

MINUS ROCK

BETWEEN SOIL AND ROCK

UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, USE CDOT SECT. #703, AASHTO

#3 COARSE AGGREGATE

OR 6" MINUS ROCK

VTC-1. AGGREGATE VEHICLE TRACKING CONTROL

NON-WOVEN GEOTEXTILE FABRIC

PHYSICALLY CONFINED ON BOTH SIDES)

VTC DETAIL) OR OTHER STABLE SURFACE

CONCRETE WASHOUT

CONCRETE WASHOUT AREA PLAN

8 X 8 MIN.

CWA-1. CONCRETE WASHOUT AREA

2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR

SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE,

THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL MIN. THICKNESS) OR

4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8' BY 8' SLOPES

7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND

LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT

5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.

ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS

3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.

6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.

8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A

WATERBODY, DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES, IF

8 X 8 MIN.

COMPACTED BERM AROUND

THE PERIMETER

UNDISTURBED OR 1

CWA INSTALLATION NOTES

-CWA INSTALLATION LOCATION.

OF CONCRETE TRUCKS AND PUMP RIGS.

SIDEWALK OR OTHER

ROADWAY

COMPACTED SUBGRADE -

INSTALL ROCK FLUSH WITH

OR BELOW TOP OF PAVEMENT

PAVED SURFACE

LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.

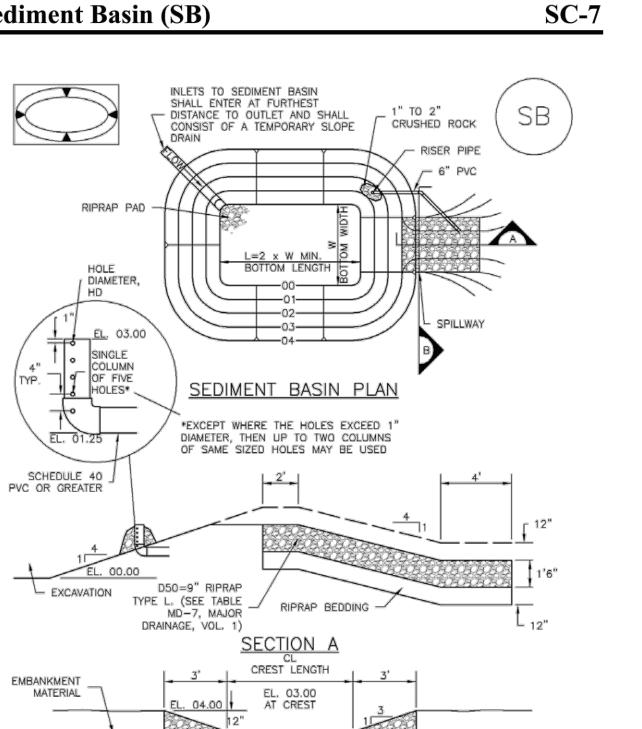
1. SEE PLAN VIEW FOR:

COMPACTED SOIL

November 2010

DESIGNED BY: NW DRAWN BY: NW

CHECKED BY: _JS JOB NO. 19-165



November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

SC-5

(SEE TABLE MD-7, MAJOR DRAINAGE, VOL.1)

SECTION B

SB-1. SEDIMENT BASIN

D50=9" RIPRAP TYPE L

___ SF ___ SF ___ SF -(RECOMMENDED) WOODEN FENCE POST WITH 10' MAX SPACING SILT FENCE GEOTEXTILE COMPACTED BACKFILL GROUND AT LEAST 10" OF SILT FENCE __/ SILT FENCE POSTS SHALL OVERLAP AT JOINTS SO THAT NO GAPS EXIST IN SILT FENCE/ ROTATE SECOND POSTS SHALL BE JOINED AS THICKNESS OF GEOTEXTILE HAS BEEN EXAGGERATED, TYP SHOWN, THEN ROTATED 180 DEG. IN DIRECTION SHOWN AND DRIVEN INTO THE GROUND SECTION A SF-1. SILT FENCE

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SEE ROCK SOCK DESIGN

16" CINDER

IP-1. BLOCK AND ROCK SOCK SUMP OR ON GRADE

INLET PROTECTION

2. CONCRETE "CINDER" BLOCKS SHALL BE LAID ON THEIR SIDES AROUND THE INLET IN A

SINGLE ROW, ABUTTING ONE ANOTHER WITH THE OPEN END FACING AWAY FROM THE CURB.

3. GRAVEL BAGS SHALL BE PLACED AROUND CONCRETE BLOCKS, CLOSELY ABUTTING ONE ANOTHER AND JOINTED TOGETHER IN ACCORDANCE WITH ROCK SOCK DESIGN DETAIL.

IP-2. CURB ROCK SOCKS UPSTREAM OF

INLET PROTECTION

2. PLACEMENT OF THE SOCK SHALL BE APPROXIMATELY 30 DEGREES FROM PERPENDICULAR

3. SOCKS ARE TO BE FLUSH WITH THE CURB AND SPACED A MINIMUM OF 5 FEET APART.

4. AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF ON-GRADE INLETS.

16" CINDER

BLOCK AND ROCK SOCK INLET

PROTECTION(SEE DETAIL IP-1)

2"x4" WOOD STUD

DETAIL FOR JOINTING

BLOCKS

TWO CURB

CURB SOCK -

FLOW -

BLOCK AND CURB SOCK INLET PROTECTION INSTALLATION NOTES 1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.

SOCKS APPROX 30 DEG.

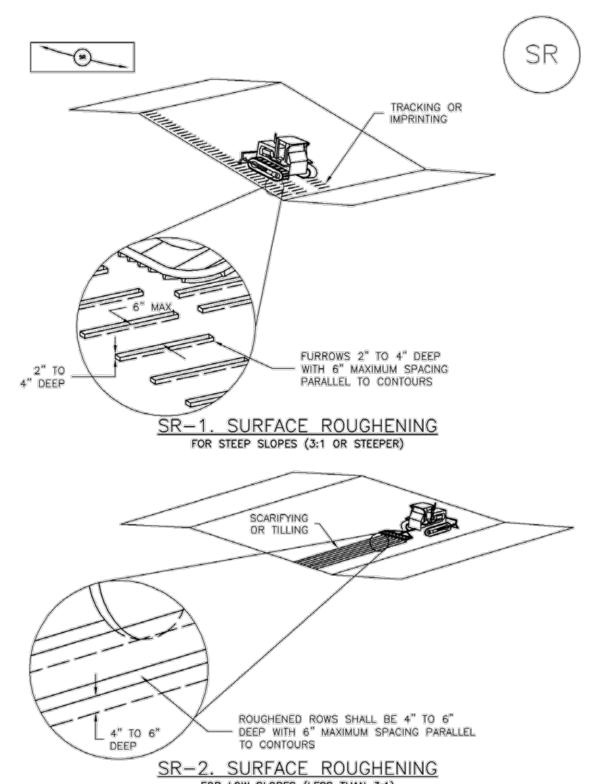
Inlet Protection (IP)

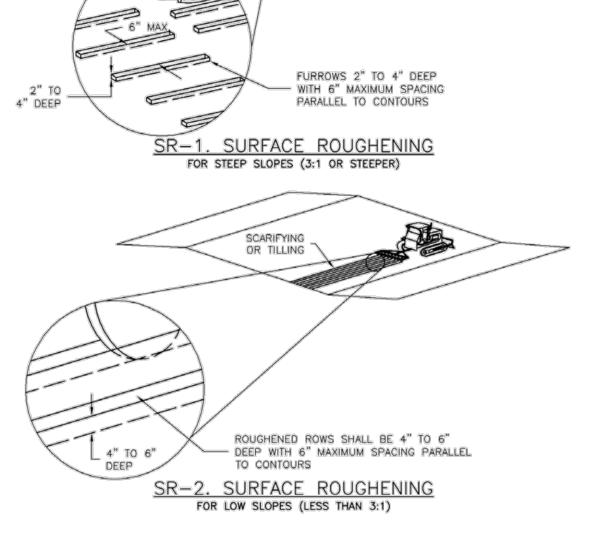
SOCKS

SECTION A -

PARKING (1F NEEDED) CONSTRUCTION SITE ACCESS 3" MIN. THICKNESS GRANULAR MATERIAL CONSTRUCTION ENTRANCE (SEE DETAILS VTC-1 TO VTC-3) SILT FENCE OR CONSTRUCTION FENCING AS NEEDED EXISTING ROADWAY SSA-1. STABILIZED STAGING AREA STABILIZED STAGING AREA INSTALLATION NOTES 1. SEE PLAN VIEW FOR -LOCATION OF STAGING AREA(S). -CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION. 2. STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSIZING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION. 3. STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE. 4. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR 5. UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK. 6. ADDITIONAL PERIMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT FENCE AND CONSTRUCTION FENCING. STABILIZED STAGING AREA MAINTENANCE NOTES 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE. 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY. 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE. 4. ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED. Urban Drainage and Flood Control District

November 2010 Urban Storm Drainage Criteria Manual Volume 3 **Surface Roughening (SR)**





November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

ONSITE CONSTRUCTION CONSTRUCTION VEHICLE

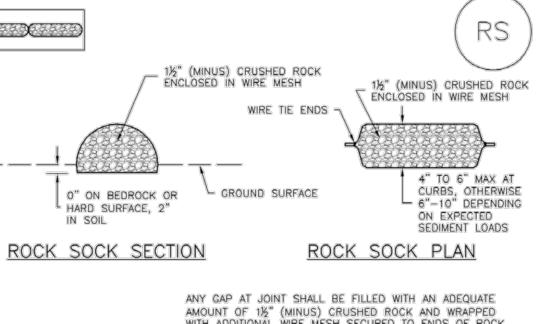
— SF/CF —— SF/CF —

SSA-3

EC-1

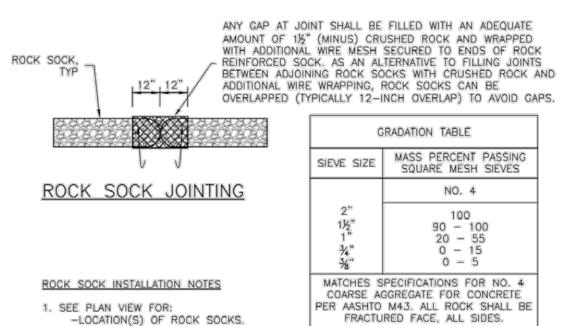
Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

Vehicle Tracking Control (VTC) SM-4



Rock Sock (RS)

SC-6



- 2. CRUSHED ROCK SHALL BE 11/2" (MINUS) IN SIZE WITH A FRACTURED FACE (ALL SIDES) AND SHALL COMPLY WITH GRADATION SHOWN ON THIS SHEET (1½" MINUS).
- 4. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6" CENTERS ALONG ALL JOINTS AND AT 2" CENTERS ON ENDS OF SOCKS.

MAXIMUM OPENING OF 1/2", RECOMMENDED MINIMUM ROLL WIDTH OF 48"

3. WIRE MESH SHALL BE FABRICATED OF 10 GAGE POULTRY MESH, OR EQUIVALENT, WITH A

- 5. SOME MUNICIPALITIES MAY ALLOW THE USE OF FILTER FABRIC AS AN ALTERNATIVE TO WIRE MESH FOR THE ROCK ENCLOSURE.
- RS-1. ROCK SOCK PERIMETER CONTROL

Urban Drainage and Flood Control District November 2010

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November 2010

SR-3

Urban Drainage and Flood Control District Rev. 3/12/12 Urban Storm Drainage Criteria Manual Volume 3

SHEET 6 OF 6

Urban Storm Drainage Criteria Manual Volume 3

CURB ROCK SOCK INLET PROTECTION INSTALLATION NOTES

IN THE OPPOSITE DIRECTION OF FLOW.

SEE ROCK SOCK DESIGN DETAIL INSTALLATION REQUIREMENTS.

ELMWOOD ESTATES CIVIL CONSTRUCTION PLANS

PART OF THE NORTHEAST QUARTER SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF ADAMS, STATE OF COLORADO

W. 80TH AVE.

W. 80TH AVE.

W. 80TH AVE.

STATE HWY 36

VICINITY MAP

Sheet List Table						
Sheet Number	Sheet Title					
1	COVER					
2	NOTES					
3	OVERALL SITE & UTILITY PLAN					
4	GRADING PLAN					
5	SIGNAGE PLAN					
6	INITIAL EROSION CONTROL PLAN					
7	INTERIM EROSION CONTROL PLAN					
8	FINAL EROSION CONTROL PLAN					
9	EROSION CONTROL DETAILS					
10	OSAGE STREET PLAN & PROFILE					
11	POND DETAIL					
12	SITE DETAILS					
13	SITE DETAILS					

OWNER
DELWEST DEVELOPMENT CORP.
155 S. MADISON ST.

155 S. MADISON ST.
DENVER, COLORADO 80209
(720) 708-4065
CONTACT: DERRELL SCHREINER

LANDSCAPE TERRACINA DESIGN

10200 E. GIRARD AVENUE, SUITE A-314 DENVER, CO 80231 (303) 632-8867 CONTACT: LAYLA ROSALES

DISTRICT MANAGER
CITY DEVELOPMENT
9500 CIVIC CENTER DRIVE
THORNTON, CO 80229
(303) 538-7295
CONTACT: TBD

CONTACT: DA

CORE CONSULTANTS, INC.

(303) 703-4444, EXT 113

SURVEY
CORE CONSULTANTS, INC.
1950 WEST LITTLETON BLVD., SUITE 109

1950 WEST LITTLETON BLVD., SUITE 109

LITTLETON, CO 80120 (303) 703-4444, EXT 119 CONTACT: TOM GIRARD

CITY ENGINEER

ADAMS COUNTY

4430 S. ADAMS COUNTY PARKWAY, W2000B

BRIGHTON, CO 80601

(720) 523-6826

CONTACT: MATT EMMENS

PUBLIC IMPROVEMENTS SHALL CONFORM TO ADAMS COUNTY STANDARDS AND SPECIFICATIONS AND LATEST EDITION OF COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

NOTICE TO CONTRACTOR
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES,
CONDUITS OR OTHER STRUCTURES SHOWN ON THESE PLANS WAS
OBTAINED BY THE SEARCH OF AVAILABLE RECORDS. THE ENGINEER
ASSUMES NO LIABILITY WHATSOEVER FOR THE ACCURACY OR
COMPLETENESS OF SUCH DATA. THE CONTRACTOR IS REQUIRED TO
TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY
LINES, CONDUITS OR STRUCTURES WHETHER OR NOT SHOWN ON
THESE PLANS AND BY ACCEPTING AND UTILIZING THESE PLANS,
ASSUMES ALL RESPONSIBILITY FOR THE PROTECTION OR AND ANY

NOTICE

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, CORE CONSULTANTS, INC. APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

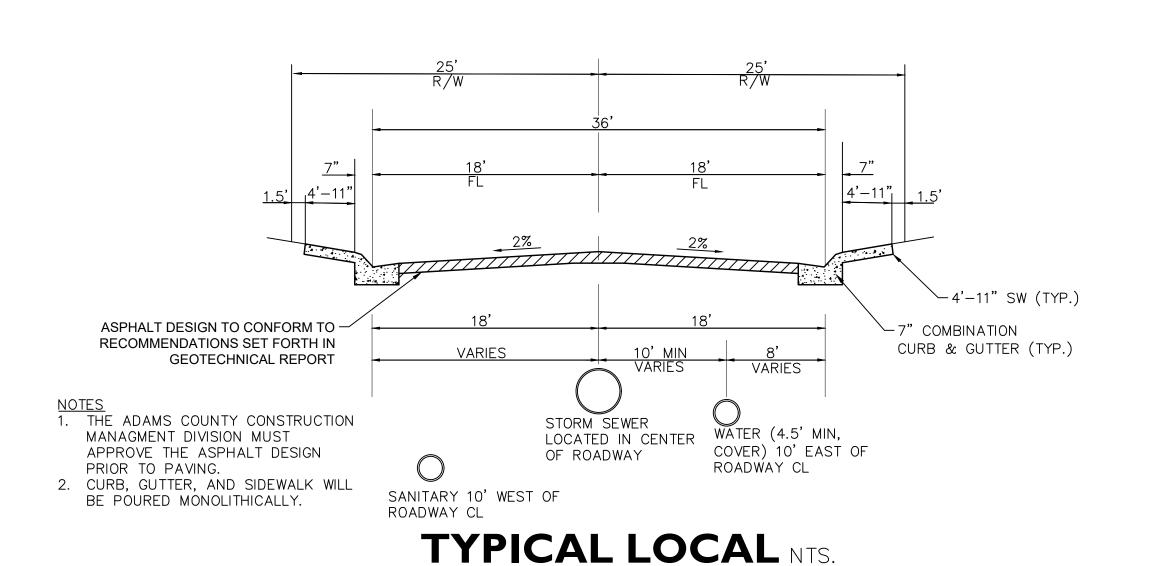
BASIS OF BEARING BEARINGS FOR TH

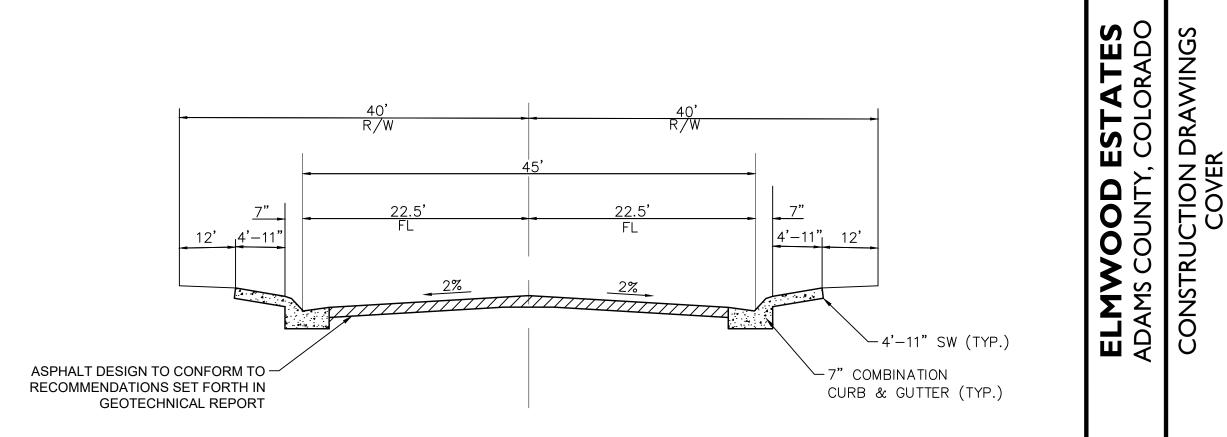
DAMAGE TO SAID FACILITIES.

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 6th P.M., BEING ASSUMED TO BEAR N 89°30'30" E, FROM THE NORTH QUARTER CORNER OF SAID SECTION 33, BEING A 3 ¼" ALUMINUM CAP IN RANGE BOX, PLS 23519 TO THE NORTHEAST CORNER OF SAID SECTION 33 BEING A 3 ¼" ALUMINUM CAP IN RANGE BOX, PLS 7276 WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

BENCHMARK DESCRIPTION

NGS MONUMENT 547, P.I.D. "DJ8173, ADAMS COUNTY"
HAVING A PUBLISHED ELEVATION OF 5286.29 FEET. (NAVD 88)





ENTRY ROAD NTS.

DESIGNED BY: NW DRAWN BY: NW CHECKED BY: JS

19-165 SHEET I OF 13

- 1. OWNER/CONTRACTOR IS RESPONSIBLE FOR OBTAINING A STATE OF COLORADO, COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE) GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY COR—030000 PRIOR TO CONSTRUCTION (CDPS STORMWATER CONSTRUCTION PERMIT).
- 2. THE OWNER/CONTRACTOR SHALL PROVIDE ADAMS COUNTY WITH A COPY OF THIS CDPS STORMWATER CONSTRUCTION PERMIT LETTER OF APPROVAL AND CERTIFICATION FROM THE STATE PRIOR TO RECEIVING A COUNTY CONSTRUCTION/BUILDING PERMIT. THE OWNER/CONTRACTOR IS RESPONSIBLE FOR ALL FEES ASSOCIATED WITH THIS CDPS STORMWATER CONSTRUCTION PERMIT.
- 3. A COPY OF THE CDPS STORMWATER CONSTRUCTION PERMIT FROM CDPHE AND THE APPROVED STORMWATER MANAGEMENT PLAN (SWMP) WITH AN EROSION AND SEDIMENT PLAN SHALL BE KEPT ON SITE AND UPDATED AT ALL TIMES IN COMPLIANCE WITH THE CDPS STORMWATER CONSTRUCTION PERMIT.
- 4. OWNER/CONTRACTOR IS RESPONSIBLE FOR FILING A CDPHE INACTIVATION NOTICE CONSTRUCTION STORMWATER DISCHARGE GENERAL PERMIT CERTIFICATION; ONCE THE CONSTRUCTION SITE HAS BEEN FINALLY STABILIZED IN COMPLIANCE WITH THE CDPS STORMWATER CONSTRUCTION PERMIT.
- 5. THE OWNER/CONTRACTOR SHALL PROVIDE ADAMS COUNTY WITH A COPY OF THIS INACTIVATION NOTICE. THERE WILL BE NO FEE CHARGED TO ADAMS COUNTY FOR THE INACTIVATION NOTICE OR IF THE CONTRACTOR NEGLECTS TO FILE THIS NOTICE.
- 6. THE SWMP ADMINISTRATOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION. THE SWMP SHALL BE MODIFIED IN COMPLIANCE TO THE CDPS STORMWATER CONSTRUCTION PERMIT.
- 7. STANDARD INSPECTIONS A THOROUGH INSPECTION OF THE BEST MANAGEMENT PRACTICES (BMPS) SHALL BE PERFORMED EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN TWENTY—FOUR (24) HOURS AFTER ANY PRECIPITATION OR SNOWMELT EVENT THAT CAUSES SURFACE EROSION.
- CAUSES SURFACE EROSION.

 8. USE BIODEGRADABLE EROSION CONTROL BLANKETS ON SLOPES 3:1
- OR STEEPER AND IN SWALES OR LONG CHANNELS.

 9. ALL SOIL IMPORTED TO OR EXPORTED FROM THE SITE SHALL BE PROPERLY COVERED TO PREVENT THE LOSS OF MATERIAL DURING TRANSPORT. HAUL ROUTES MUST BE PERMITTED BY THE COUNTY. NO MATERIAL SHALL BE TRANSPORTED TO ANOTHER SITE WITHOUT FIRST OBTAINING A HAULING PERMIT FROM ADAMS COUNTY PLANNING.
- 10. 1THE CONCRETE WASHOUT CONTAINMENT STRUCTURE SHALL CONTAIN ALL CONCRETE WASHOUT WATER. STORMWATER SHALL NOT CARRY WASTES FROM THE DESIGNATED CONCRETE WASHOUT LOCATION AND SHALL BE LOCATED A MINIMUM OF FIFTY (50) FEET HORIZONTAL FROM WATERS OF THE STATE.
- 11. THE ACTUAL SCHEDULE FOR IMPLEMENTING EROSION AND SEDIMENT CONTROL MEASURES WILL BE DETERMINED BY PROJECT CONSTRUCTION PROGRESS. DOWN SLOPE PROTECTIVE MEASURES (I.E. SEDIMENT CONTROL BARRIERS) MUST ALWAYS BE IN PLACE BEFORE SOIL IS DISTURBED.
- 12. INSTALL SEDIMENT CONTROL BARRIERS DOWN SLOPE FROM CONSTRUCTION THAT DISTURB SITE SOIL. SEDIMENT CONTROL BARRIERS SHOULD BE INSTALLED IN THE LOCATIONS SHOWN ON THE EROSION AND SEDIMENT CONTROL DRAWINGS, AS WELL AS OTHER LOCATIONS AS DEEMED NECESSARY BY THE CONTRACTOR, INSPECTOR OR OWNER."

BMP MAINTENANCE NOTES:

- 1. IT IS ANTICIPATED THAT THE BMPS IMPLEMENTED AT THE SITE WILL HAVE TO BE MODIFIED TO ADAPT TO CHANGING CONDITIONS OR TO ENSURE THAT POTENTIAL POLLUTANTS ARE BEING PROPERLY MANAGED AT THE SITE. WHEN BMPS ARE MODIFIED, THE SWMP MUST
- BE MODIFIED TO ACCURATELY REFLECT THE ACTUAL FIELD CONDITIONS.

 2. THE OWNER/CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL SILT FENCING SO THAT IT FUNCTIONS PROPERLY DURING CONSTRUCTION AND WORK SUSPENSIONS. ALL SILT FENCING SHALL BE REMOVED BY THE CONTRACTOR UPON SUBSTANTIAL PERMANENT STABILIZATION UNLESS OTHERWISE DIRECTED BY AUTHORIZED ADAMS COUNTY PERSONNEL.
- 3. SILT FENCE SHALL BE INSTALLED ALONG CONTOURS AND PRIOR TO ANY GRUBBING OR GRADING ACTIVITY. IT SHALL BE LOCATED TO CAPTURE OVERLAND, LOW-VELOCITY SHEET FLOWS IN WHICH IT SHALL BE INSTALLED AT A FAIRLY LEVEL GRADE.
- 4. IT IS RECOMMENDED THAT SILT FENCE SHALL BE INSTALLED FIVE (5) FEET AWAY FROM THE TOE OF THE SLOPE OR STOCKPILE, AND EVERY SEVENTY FIVE (75) TO ONE HUNDRED TWENTY FIVE (125) FEET APART ON LONG SLOPES.
- 5. DO NOT PLACE SILT FENCE IN OR ADJACENT TO EXISTING WETLANDS
- WHERE TRENCHING IMPACTS WETLANDS.

 6. ALL INLET/OUTLET PROTECTION WILL BE CHECKED FOR MAINTENANCE AND FAILURE DAILY. SEDIMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF ONCE IT HAS ACCUMULATED TO HALF THE DESIGN OF THE TRAP OR DAILY DURING PERIODS OF CONSISTENT PRECIPITATION.
- 7. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VEHICLE TRACKING CONTROL DURING CONSTRUCTION. THE VEHICLE TRACKING CONTROL SHALL BE REMOVED AT THE COMPLETION OF THIS PROJECT UNLESS OTHERWISE DIRECTED BY AUTHORIZED ADAMS COUNTY PERSONNEL.
- 8. TEMPORARY SEDIMENT TRAPS AND BASINS SHALL BE INSTALLED BEFORE ANY LAND DISTURBANCE TAKES PLACE IN THE DRAINAGE AREA. THE AREA UNDER THE EMBANKMENT SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ALL VEGETATION AND ROOT MAT. SEDIMENT SHALL BE REMOVED WHEN NO LONGER FUNCTIONAL AND DISPOSED OF AT AN APPROVED LOCATION.
- 9. ALL SEDIMENT FROM STORMWATER INFRASTRUCTURE (I.E. DETENTION PONDS, STORM SEWER PIPES, OUTLETS, INLETS, ROADSIDE DITCHES, ETC.) SHALL BE REMOVED PRIOR TO INITIAL ACCEPTANCE. THIS SEDIMENT SHALL NOT BE FLUSHED OFF—SITE, BUT SHALL BE CAPTURED ON—SITE AND DISPOSED OF AT AN APPROVED LOCATION.
- 10. TEMPORARY ROCK CHECK DAM THE MAXIMUM HEIGHT OF THE CHECK DAM AT THE CENTER SHOULD NOT EXCEED ONE HALF THE DEPTH OF THE DITCH OR SWALE. THE MAXIMUM SPACING BETWEEN DAMS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM.
- 11. CONSTRUCTION SAFETY BARRIER FENCING (ORANGE CONSTRUCTION FENCE) MUST BE USED TO PROTECT WETLANDS AND OTHER SENSITIVE AREAS AND TO PREVENT ACCESS.
- 12. WATER FROM DEWATERING OPERATIONS SHALL NOT BE DIRECTLY
 DISCHARGED INTO ANY WATERS CONVEYANCE SYSTEMS INCLUDING
 WETLANDS, IRRIGATION DITCHES, CANALS, RIVERS, STREAMS OR STORM
 SEWER SYSTEMS, UNLESS ALLOWED BY A STATE CONSTRUCTION
 DEWATERING PERMIT.

PERFORMANCE NOTES:

- 1. TEMPORARY AND/OR PERMANENT BMPS INTENDED TO CONTROL EROSION OF AN EARTH DISTURBANCE OPERATION SHALL BE INSTALLED BEFORE ANY EARTH DISTURBANCE OPERATIONS TAKE PLACE IN SEQUENCE WITH PROPER PHASING.
- 2. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE DISTURBED AREA AND PROTECT NATURAL FEATURES. SOIL AND VEGETATION.
- 3. PERSONS ENGAGED IN EARTH DISTURBANCES SHALL IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES, IN CONFORMANCE WITH THE EROSION CONTROL TECHNICAL STANDARDS ADOPTED BY ADAMS COUNTY AND IN COMPLIANCE WITH THE CDPS STORMWATER CONSTRUCTION PERMIT.
- 4. EARTH DISTURBANCES SHALL BE DESIGNED, CONSTRUCTION PERMIT.

 4. EARTH DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED AND COMPLETED IN SUCH A MANNER SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST POSSIBLE PERIOD OF TIME.
- 5. SEDIMENT CAUSED BY ACCELERATED SOIL EROSION SHALL BE REMOVED FROM RUNOFF WATER BEFORE IT LEAVES THE SITE OF THE EARTH DISTURBANCE.
- 6. EXCAVATED MATERIAL AND OTHER CONSTRUCTION DEBRIS SHALL NOT BE STOCKPILED WITHIN THE ROADWAY SECTION. BACKFILL MATERIALS UP TO A MAXIMUM OF 130 CY MAY BE STOCKPILED, WITH APPROPRIATE EROSION CONTROL MEASURE, BUT MUST BE REMOVED OR PLACED BY THE END OF EACH WORK WEEK.
- 7. ANY CONSTRUCTION AREAS, NOT GRADED TO FINAL GRADE, REQUIRE TEMPORARY BMPS FOR SITE STABILIZATION.
- 8. AS NECESSARY, CONSTRUCT A TEMPORARY FACILITY DESIGNATED FOR CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE CONSTRUCTION SITE.
- 9. PERMANENT EROSION AND SEDIMENT CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING.
- 10. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY, OR CONTAINED UNTIL APPROPRIATE CLEANUP METHODS CAN BE EMPLOYED. MANUFACTURE'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE FOLLOWED, ALONG WITH PROPER DISPOSAL METHODS.
- 11. CONCRETE WASHOUTS SHALL NOT BE PLACED IN LOW AREAS, DITCHES OR ADJACENT TO STATE WATERS.
- 12. THE OWNER/CONTRACTOR SHALL CHECK THE CAPACITY FOR ALL CONCRETE WASHOUT AREAS. WASTE MATERIALS MUST BE REMOVED BY THE CONTRACTOR AND LEGALLY DISPOSED OF WHEN ACCUMULATIONS AMOUNT TO TWO—THIRDS (%) OF THE WET STORAGE CAPACITY OF THE STRUCTURE.
- 13. ALL CONCRETE WASHOUT AREAS SHALL BE CLEARLY MARKED. THE CONCRETE WASHOUT CONTAINMENT STRUCTURE WILL INCLUDE A 2'X3'SIGN POSTED WITH THE WORDS "CONCRETE WASHOUT". THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND/OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE
- AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.

 14. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF. CONCRETE WASHOUT WASTE MUST NOT BE BURIED.
- 15. DISTURBED AREAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADE SHALL BE TEMPORARILY STABILIZED IMMEDIATELY AFTER INTERIM GRADING.
- 16. FINAL STABILIZATION IS REACHED WHEN ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A DENSITY OF AT LEAST SEVENTY PERCENT (70%) OF PRE-DISTURBANCE LEVELS OR EQUIVALENT PERMANENT, PHYSICAL EROSION REDUCTION METHODS
- HAS BEEN EMPLOYED.

 17. RECORDS OF SPILLS, LEAKS, OR OVERFLOWS THAT RESULT IN THE DISCHARGE OF POLLUTANTS MUST BE DOCUMENTED AND MAINTAINED. SOME SPILLS MAY NEED TO BE REPORTED TO THE DIVISION IMMEDIATELY: SPECIFICALLY, A RELEASE OF ANY CHEMICAL, OIL, PETROLEUM PRODUCT, SEWAGE, ETC., WHICH MAY ENTER WATERS OF THE STATE, MUST BE REPORTED. MORE GUIDANCE IS AVAILABLE ON THE WEB AT WWW.CDPHE.STATE.CO.US/EMP/SPILLSANDRELEASED.HTM THE

DIVISION'S TOLL FREE 24-HOUR ENVIRONMENTAL EMERGENCY SPILL

ADAMS COUNTY AT 303-.453-8787 AND THE TRI-COUNTY HEALTH

REPORTING LINE IS 1-877-518-5608. ALSO IMMEDIATELY CALL

DEPARTMENT AT 303-220-9200"

CONSTRUCTION NOTES

GENERAL CONSTRUCTION NOTES:

- 1. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. TO SCHEDULE A PRE-CONSTRUCTION MEETING CONTACT THE ADAMS COUNTY CONSTRUCTION INSPECTOR SUPERVISOR AT 720-523-6965.
- 2. ALL CONCRETE CURB, GUTTER AND WALK MUST BE POURED MONOLITHICALLY USING 4,500 PSI CONCRETE WITH FIBER MESH.

 3. ALL MATERIAL SUBMITTALS MUST BE APPROVED, STAMPED AND
- 3. ALL MATERIAL SUBMITTALS MUST BE APPROVED, STAMPED AND SIGNED, BY THE ENGINEER OF RECORD AND, SUBMITTED TO THE ADAMS COUNTY CONSTRUCTION INSPECTOR FOR APPROVAL PRIOR TO CONSTRUCTION/INSTALLATION.
- 4. THE CONTRACTOR IS REQUIRED TO SUBMIT COPIES OF ALL CONCRETE AND ASPHALT TICKETS TO THE ADAMS COUNTY
- CONSTRUCTION INSPECTOR.

 5. THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING AND, IS REQUIRED TO SUBMIT ALL TEST RESULTS TO THE ADAMS COUNTY CONSTRUCTION INSPECTOR.
- THE CONTRACTOR IS REQUIRED TO REMOVE A MINIMUM OF TWO (2)
 FEET OF EXISTING ASPHALT FOR ALL CURB AND GUTTER
 REPLACEMENT.
- 7. ALL UTILITY CUTS IN EXISTING STREETS ARE REQUIRED TO BE BACKFILLED WITH FLOWFILL AND, PATCHED WITH A MINIMUM OF 9-INCH ASPHALT PATCH.
- 9-INCH ASPHALT PATCH.

 8. A COPY OF THE GEOTECHNICAL REPORT SPECIFYING THE PAVEMENT THICKNESS DESIGN MUST BE SUBMITTED FOR REVIEW.
- 9. PERMITS WILL BE REQUIRED FOR THE INSTALLATION OF ALL UTILITIES. THE DEVELOPER/CONTRACTOR/ENGINEER, MUST SUPPLY THE LINEAL FOOTAGES AND THE NUMBER OF SERVICE CUTS REQUIRED FOR ALL UTILITIES.
- 10. PERMITS WILL BE REQUIRED FOR THE INSTALLATION OF ALL CONCRETE AND ASPHALT FACILITIES. PRIOR TO THE ISSUANCE OF THESE PERMITS, THE DEVELOPER/CONTRACTOR/ENGINEER, MUST SUPPLY THE SQUARE YARDAGE/SQUARE FOOTAGES OF ALL
- CONCRETE AND ASPAHLT BEING INSTALLED.

 11. THE SIA MUST BE COMPLETED WITH APPROPRIATE COLLATERAL, ALONG WITH THE PROPOSED PLAT, PRIOR TO THE ISSUANCE OF ANY
- ROW ACCESS/CONSTRUCTION PERMIT.

 12. NO C.O.'S WILL BE ISSUED FOR ANY BUILDING CONSTRUCTION UNTIL ALL ROW IMPROVMENTS HAVE BEEN COMPLETED AND HAVE BEEN
- GRANTED PRELIMINARY ACCEPTANCE.

 13. UPON COMPLETION OF ALL CONSTRUCTION, A DRAINAGE
 CERTIFICATION LETTER, AND APPROPRIATE AS—BUILT CONSTRUCTION
 DRAWINGS AND INFORMATION WILL BE REQUIRED. THIS LETTER WILL
 BE STAMPED AND SIGNED BY THE ORIGINAL DESIGN ENGINEER.

STORMWATER GENERAL NOTE:

1. PER COLORADO REVISED STATUTE 37-92-602(8), ALL STORMWATER FACILITIES THAT RETAIN OR DETAIN STORMWATER MUST BE REGISTERED WITH THE STATEWIDE NOTIFICATION COMPLIANCE PORTAL (SNCP). IT IS THE RESPONSIBILITY OF THE DESIGN ENGINEER TO REGISTER THE STORMWATER FACILITY ON THE SNCP. THE FACILITY MUST BE REGISTERED WITH THE SNCP WITHIN TEN (10) DAYS OF THE COUNTY RECEIVING THE FINAL POND CERTIFICATION FROM THE ENGINEER OF RECORD. THE COUNTY IS REQUIRED TO VERIFY THE REGISTRATION OF THE STORMWATER FACILITY WITHIN 30 DAYS OF POSTING. THE STATEWIDE NOTIFICATION COMPLIANCE PORTAL CAN BE FOUND AT THE FOLLOWING WEB ADDRESS:

HTTPS: //MAPERTURE.DIGITALDATASERVICES.COM/GVH/?VIEWER=CSWDIF

DEVELOPMENT CONS
NATURAL RESOURCE
LAND SURVEYING
303.703.4444





G, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

DRE ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY CATIONS (HORIZONITAL AND VERTICAL). THE EXISTING LITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED THE BEST AVAILABLE INFORMATION. IT 1S, HOWEVER, RESPONSIBILITY OF THE CONTRACTOR TO RIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.



REVISION DESCRIPTION DATE BY
1 DRAFT XX/XX/XX XXX

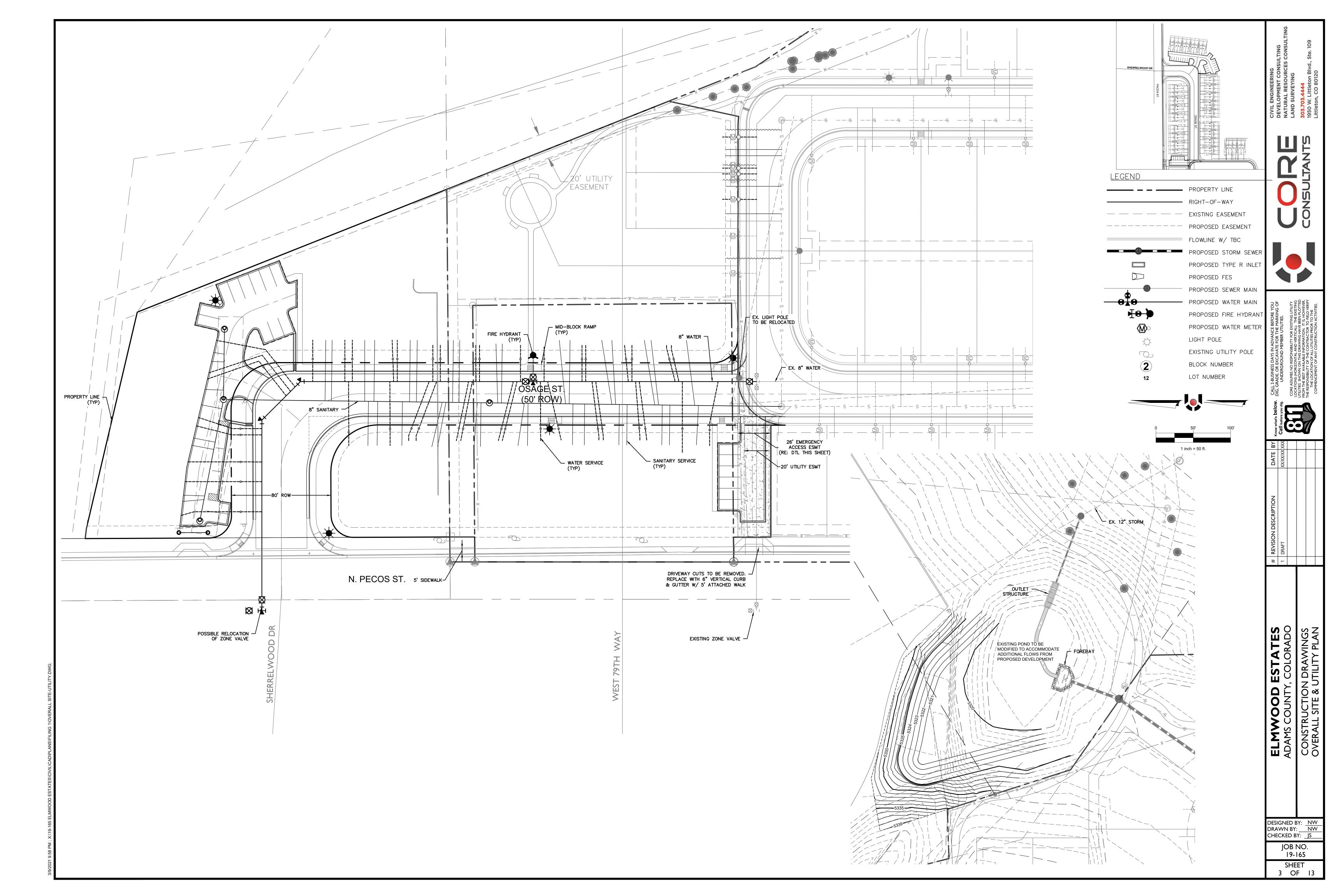
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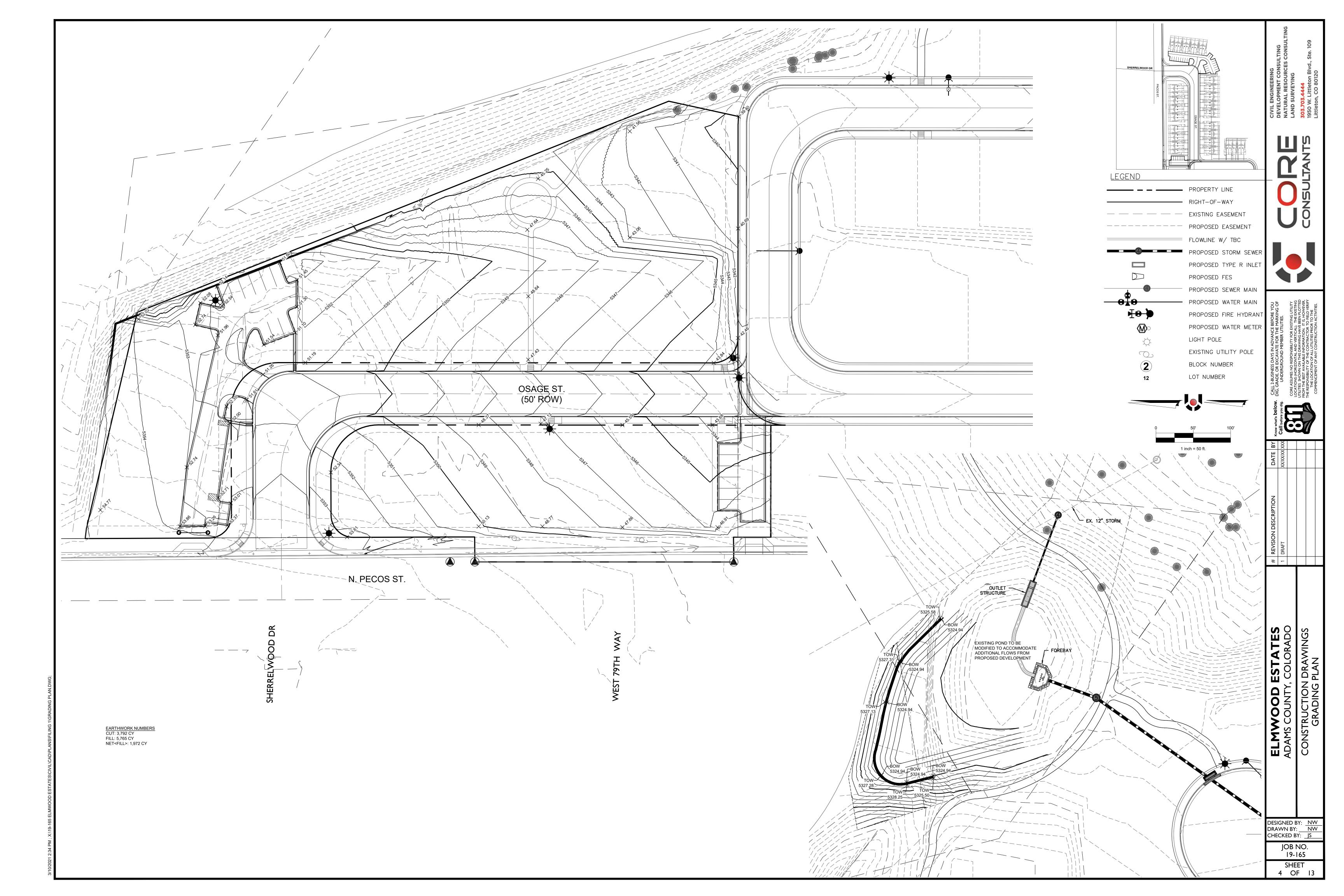
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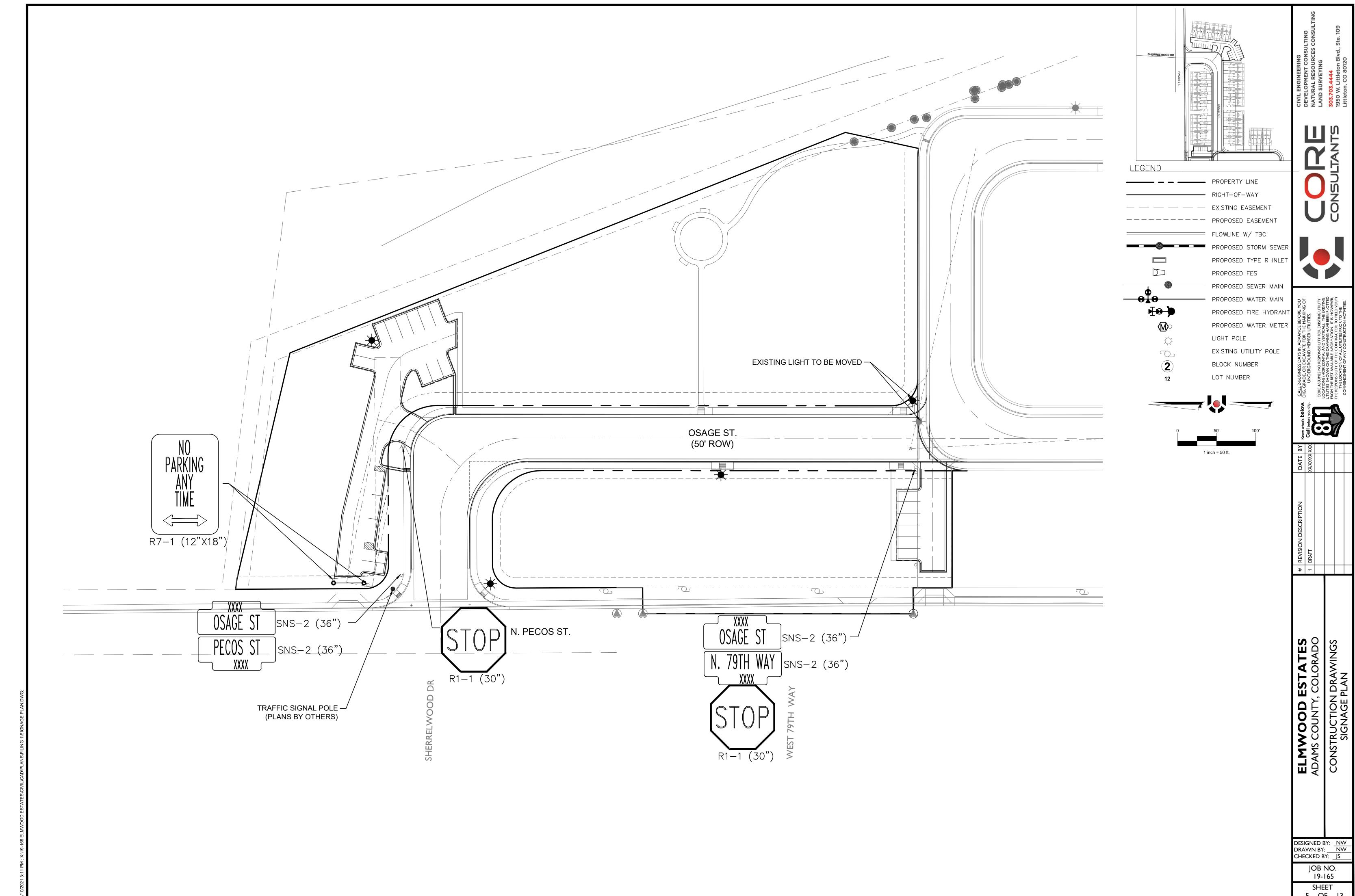
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DRAWN BY: NW
CHECKED BY: JS

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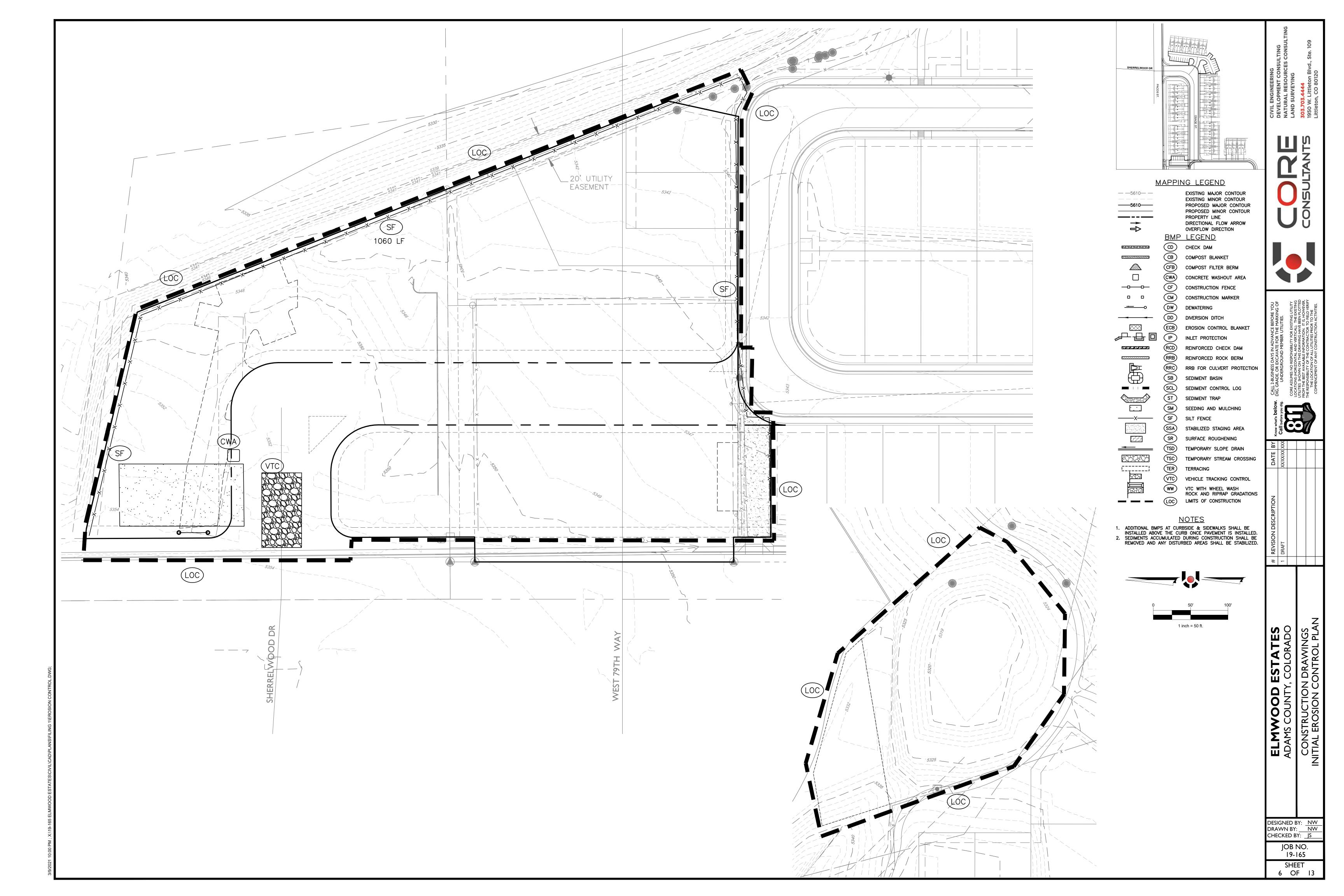
SHEET 2 OF 13

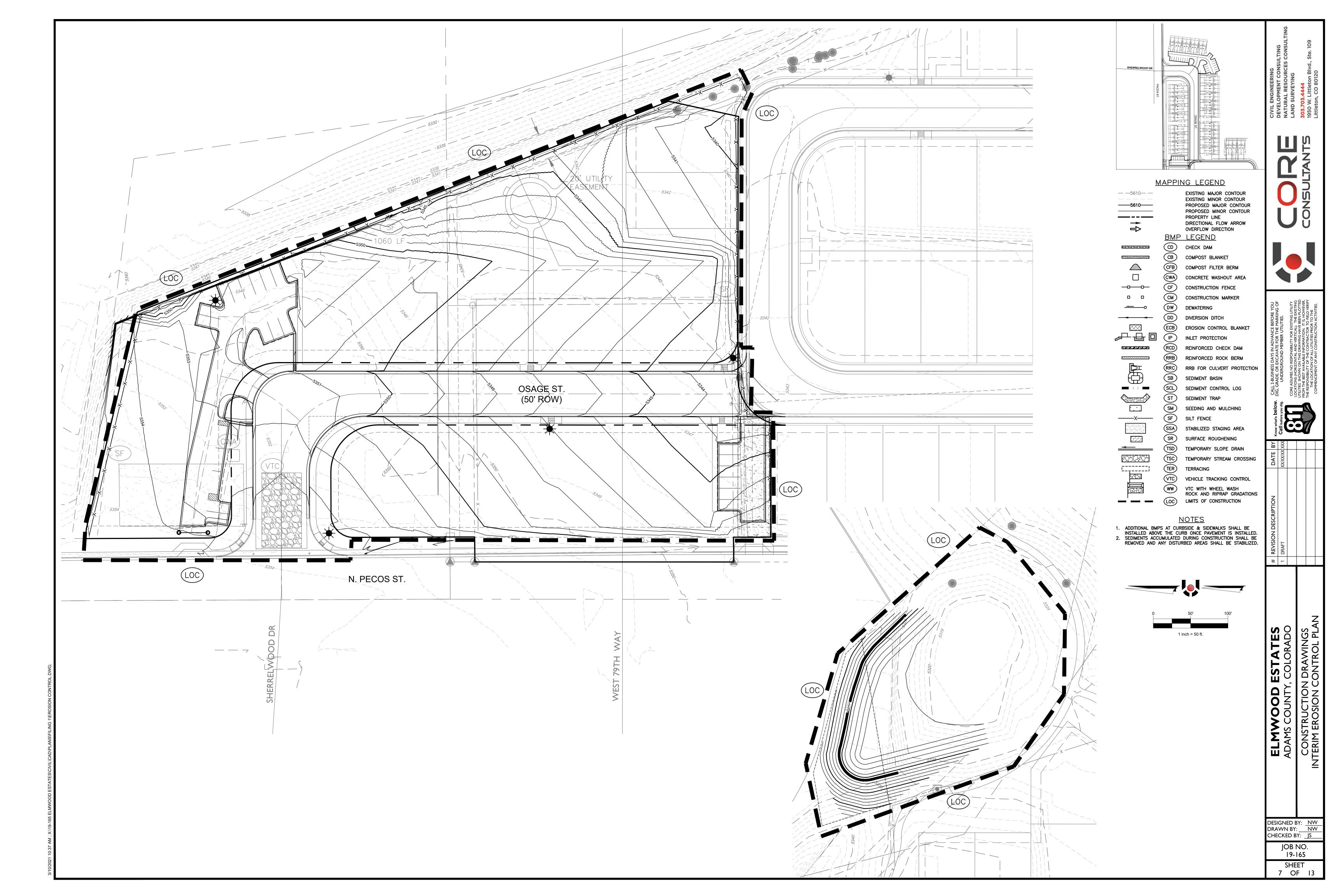


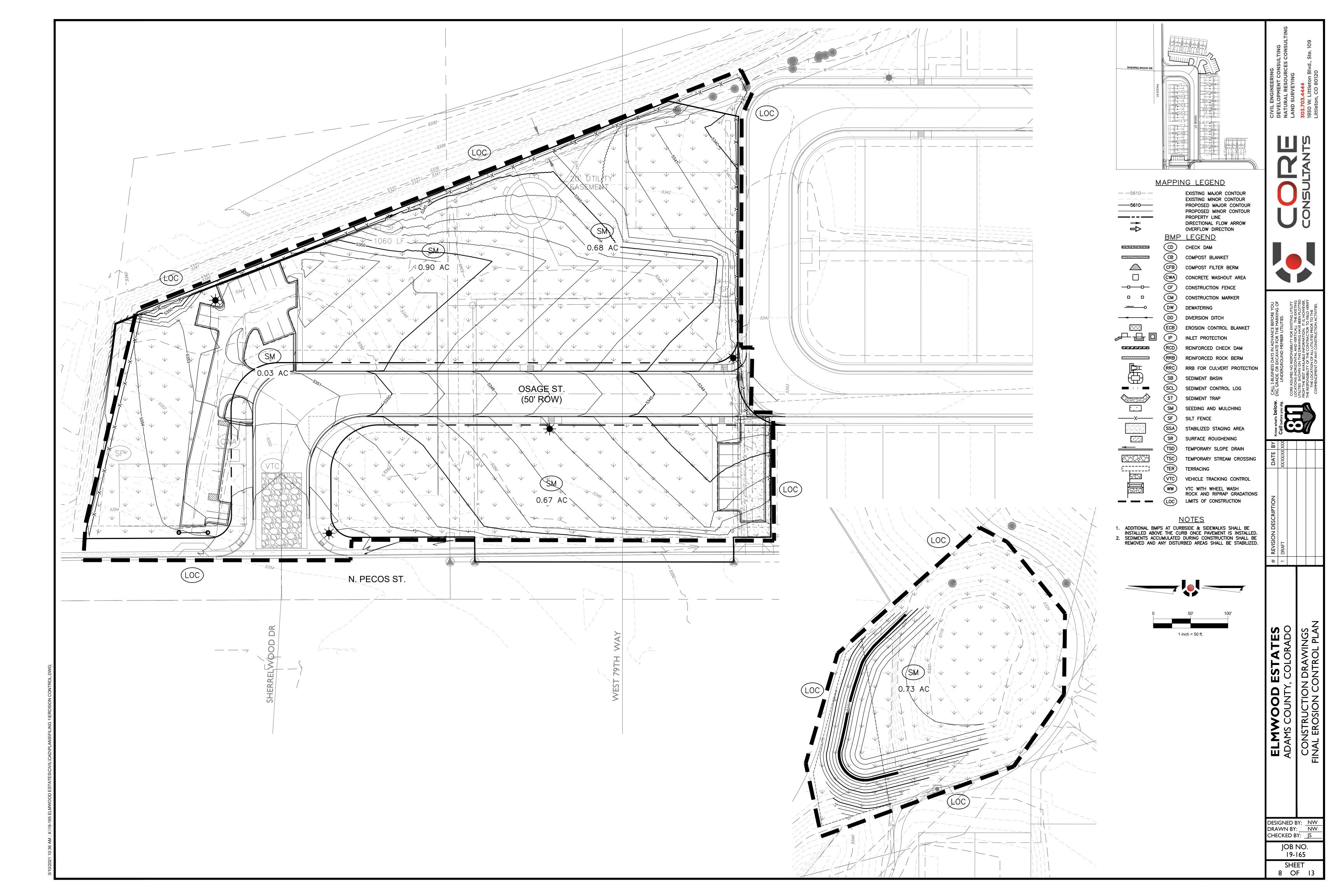




SHEET 5 OF 13







UNDISTURBED OR 1

CWA INSTALLATION NOTES

-CWA INSTALLATION LOCATION.

OF CONCRETE TRUCKS AND PUMP RIGS.

Vehicle Tracking Control (VTC)

SIDEWALK OR OTHER

ROADWAY

COMPACTED SUBGRADE -

INSTALL ROCK FLUSH WITH

OR BELOW TOP OF PAVEMENT

PAVED SURFACE

LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.

1. SEE PLAN VIEW FOR:

COMPACTED SOIL

8 X 8 MIN.

COMPACTED BERM AROUND

THE PERIMETER

VEHICLE TRACKING

CONTROL (SEE

VEHICLE TRACKING

CONTROL (SEE VTC -

DETAIL)

VTC DETAIL) OR OTHER STABLE SURFACE

CONCRETE WASHOUT

CONCRETE WASHOUT AREA PLAN

8 X 8 MIN.

CWA-1. CONCRETE WASHOUT AREA

2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR

SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE,

THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL MIN. THICKNESS) OR

4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8' BY 8' SLOPES

7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND

LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT

5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.

ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS

3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.

6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.

8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A

WATERBODY, DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES, IF

CRUSHED ROCK CONSIST OF A TEMPORARY SLOPE ___ SF ___ SF ___ SF -

SC-7

RIPRAP PAD DIAMETER, COLUMN SEDIMENT BASIN PLAN HOLES* *EXCEPT WHERE THE HOLES EXCEED 1" DIAMETER, THEN UP TO TWO COLUMNS F SAME SIZED HOLES MAY BE USED SCHEDULE 40 PVC OR GREATER D50=9" RIPRAP EXCAVATION TYPE L. (SEE TABLE RIPRAP BEDDING -MD-7, MAJOR DRAINAGE, VOL. 1) CREST LENGTH **EMBANKMENT** MATERIAL EL. 03.00 AT CREST D50=9" RIPRAP TYPE L

(SEE TABLE MD-7, MAJOR DRAINAGE, VOL.1)

WIRE TIE ENDS -

- GROUND SURFACE

2. CRUSHED ROCK SHALL BE 11/2" (MINUS) IN SIZE WITH A FRACTURED FACE (ALL SIDES)

3. WIRE MESH SHALL BE FABRICATED OF 10 GAGE POULTRY MESH, OR EQUIVALENT, WITH A

5. SOME MUNICIPALITIES MAY ALLOW THE USE OF FILTER FABRIC AS AN ALTERNATIVE TO WIRE MESH FOR THE ROCK ENCLOSURE.

4. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6" CENTERS

RS-1. ROCK SOCK PERIMETER CONTROL

AND SHALL COMPLY WITH GRADATION SHOWN ON THIS SHEET (1½" MINUS).

MAXIMUM OPENING OF 1/2", RECOMMENDED MINIMUM ROLL WIDTH OF 48"

ALONG ALL JOINTS AND AT 2" CENTERS ON ENDS OF SOCKS.

SECTION B

SB-1. SEDIMENT BASIN

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O" ON BEDROCK OR

L HARD SURFACE, 2"

ROCK SOCK SECTION

ROCK SOCK JOINTING

ROCK SOCK INSTALLATION NOTES

-LOCATION(S) OF ROCK SOCKS.

1. SEE PLAN VIEW FOR:

IN SOIL

(RECOMMENDED) WOODEN FENCE POST WITH 10' MAX SPACING SILT FENCE GEOTEXTILE COMPACTED BACKFILL GROUND AT LEAST 10" OF SILT FENCE __/ SILT FENCE POSTS SHALL OVERLAP AT JOINTS SO THAT NO GAPS EXIST IN SILT FENCE/ ROTATE SECOND POSTS SHALL BE JOINED AS THICKNESS OF GEOTEXTILE HAS BEEN EXAGGERATED, TYP SHOWN, THEN ROTATED 180 DEG. IN DIRECTION SHOWN AND DRIVEN INTO THE GROUND SECTION A SF-1. SILT FENCE

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ONSITE CONSTRUCTION CONSTRUCTION VEHICLE PARKING (1F NEEDED) CONSTRUCTION SITE ACCESS 3" MIN. THICKNESS GRANULAR MATERIAL CONSTRUCTION ENTRANCE (SEE DETAILS VTC-1 TO VTC-3) SILT FENCE OR CONSTRUCTION FENCING AS NEEDED

— SF/CF —— SF/CF —

EXISTING ROADWAY SSA-1. STABILIZED STAGING AREA

STABILIZED STAGING AREA INSTALLATION NOTES

1. SEE PLAN VIEW FOR -LOCATION OF STAGING AREA(S). -CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.

2. STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSIZING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.

3. STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE. 4. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR

5. UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.

FENCE AND CONSTRUCTION FENCING. STABILIZED STAGING AREA MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.

6. ADDITIONAL PERIMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT

2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.

4. ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.

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(WIDTH CAN BE

LESS IF CONST.

VEHICLES ARE

No recycled concrete.

UNLESS OTHERWISE SPECIFIED

NON-WOVEN GEOTEXTILE

BY LOCAL JURISDICTION, USE - CDOT SECT. #703, AASHTO #3

COARSE AGGREGATE OR 6"

MINUS ROCK

BETWEEN SOIL AND ROCK

UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, USE CDOT SECT. #703, AASHTO

#3 COARSE AGGREGATE

OR 6" MINUS ROCK

VTC-1. AGGREGATE VEHICLE TRACKING CONTROL

NON-WOVEN GEOTEXTILE FABRIC

PHYSICALLY CONFINED ON BOTH SIDES)

SM-4

SC-5

Rock Sock (RS)

(MINUS) CRUSHED ROCK

4" TO 6" MAX AT

- 6"-10" DEPENDING

SEDIMENT LOADS

ON EXPECTED

ROCK SOCK PLAN

GRADATION TABLE

SIEVE SIZE MASS PERCENT PASSING SQUARE MESH SIEVES

MATCHES SPECIFICATIONS FOR NO. 4 COARSE AGGREGATE FOR CONCRETE PER AASHTO M43. ALL ROCK SHALL BE FRACTURED FACE, ALL SIDES.

NO. 4

ANY GAP AT JOINT SHALL BE FILLED WITH AN ADEQUATE

ADDITIONAL WIRE WRAPPING, ROCK SOCKS CAN BE

AMOUNT OF 1½" (MINUS) CRUSHED ROCK AND WRAPPED WITH ADDITIONAL WIRE MESH SECURED TO ENDS OF ROCK REINFORCED SOCK, AS AN ALTERNATIVE TO FILLING JOINTS BETWEEN ADJOINING ROCK SOCKS WITH CRUSHED ROCK AND

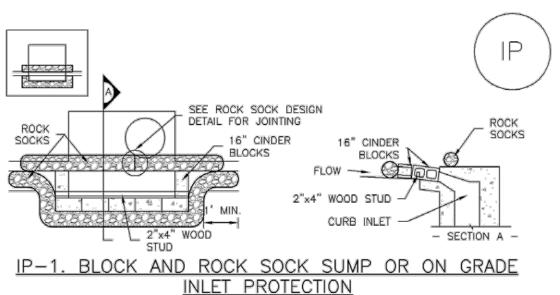
OVERLAPPED (TYPICALLY 12-INCH OVERLAP) TO AVOID GAPS.

ENCLOSED IN WIRE MESH

November 2010

SC-6

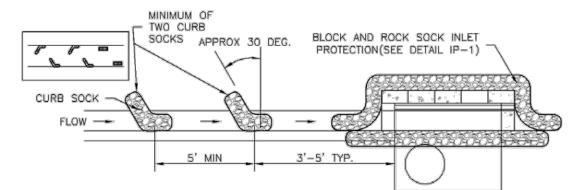
Inlet Protection (IP)



BLOCK AND CURB SOCK INLET PROTECTION INSTALLATION NOTES 1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.

2. CONCRETE "CINDER" BLOCKS SHALL BE LAID ON THEIR SIDES AROUND THE INLET IN A

SINGLE ROW, ABUTTING ONE ANOTHER WITH THE OPEN END FACING AWAY FROM THE CURB. 3. GRAVEL BAGS SHALL BE PLACED AROUND CONCRETE BLOCKS, CLOSELY ABUTTING ONE ANOTHER AND JOINTED TOGETHER IN ACCORDANCE WITH ROCK SOCK DESIGN DETAIL.



IP-2. CURB ROCK SOCKS UPSTREAM OF INLET PROTECTION

CURB ROCK SOCK INLET PROTECTION INSTALLATION NOTES

SEE ROCK SOCK DESIGN DETAIL INSTALLATION REQUIREMENTS.

2. PLACEMENT OF THE SOCK SHALL BE APPROXIMATELY 30 DEGREES FROM PERPENDICULAR IN THE OPPOSITE DIRECTION OF FLOW.

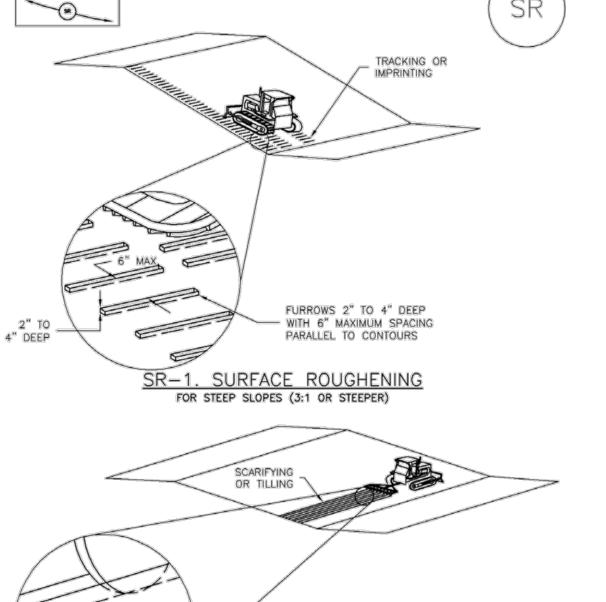
3. SOCKS ARE TO BE FLUSH WITH THE CURB AND SPACED A MINIMUM OF 5 FEET APART.

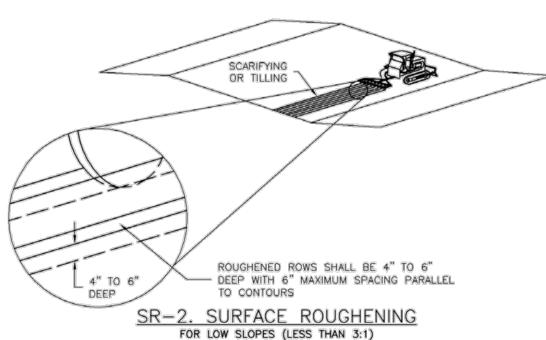
4. AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF ON-GRADE INLETS.

Surface Roughening (SR)

EC-1

SSA-3





November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SR-3

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19-165 SHEET

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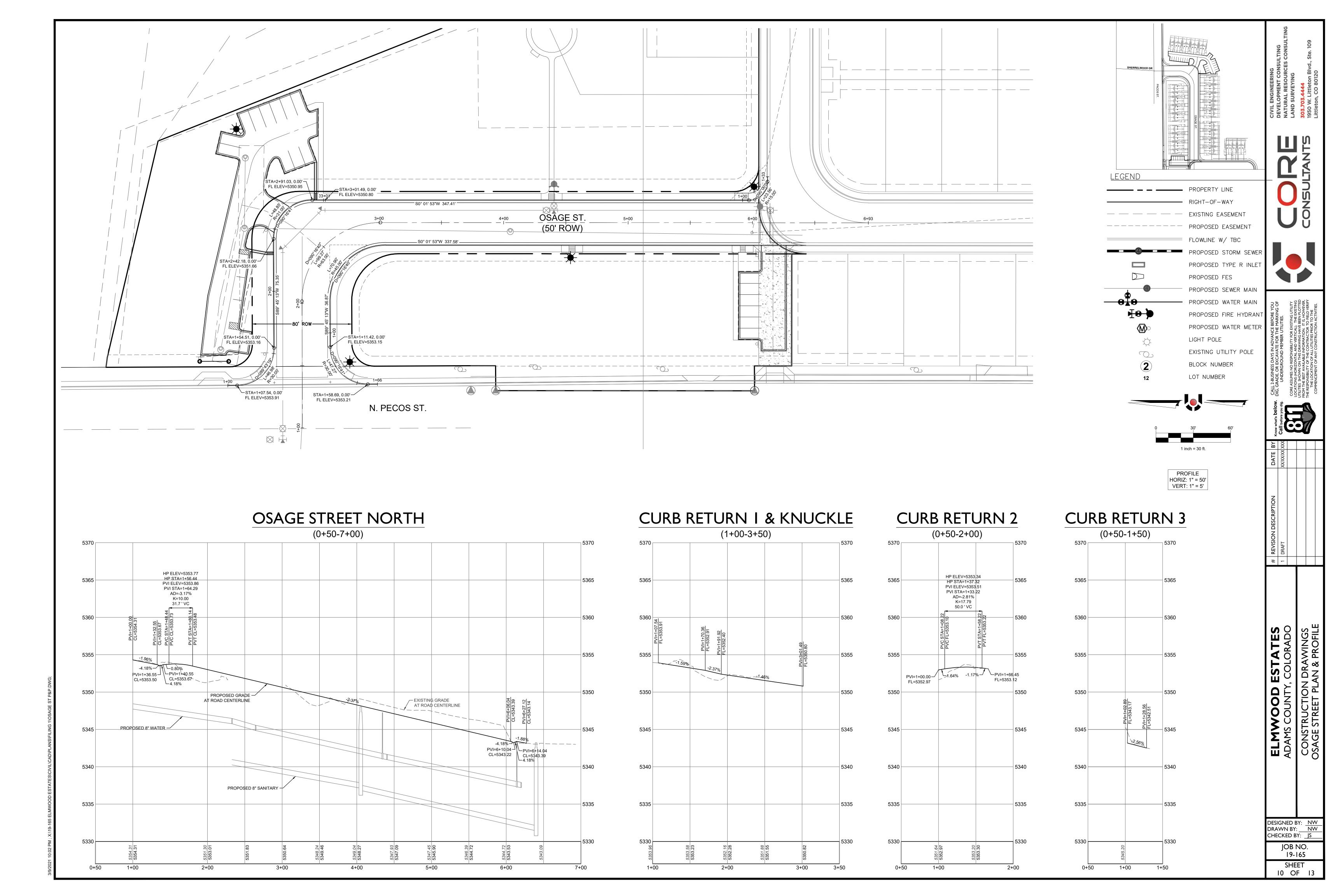
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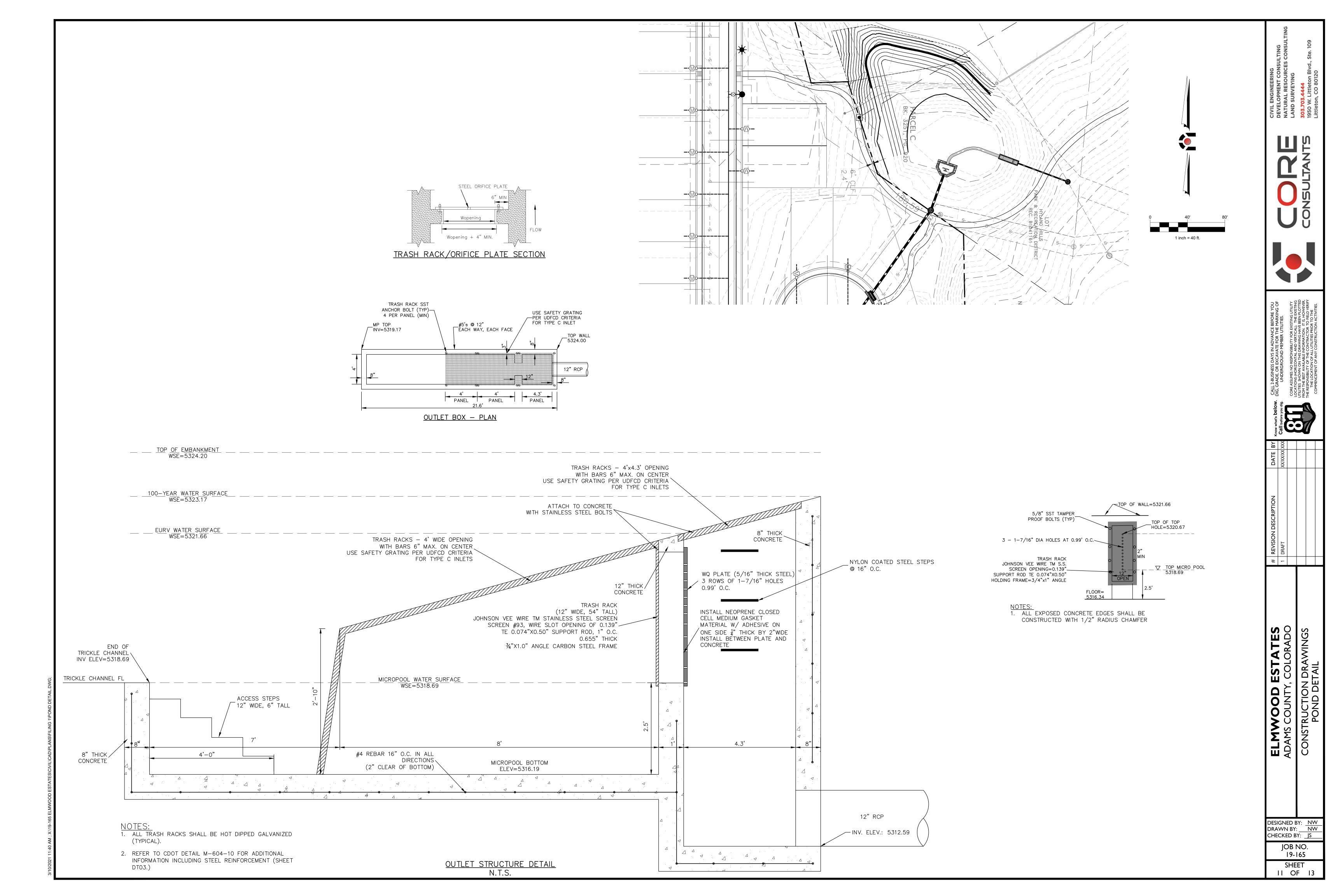
Urban Drainage and Flood Control District Rev. 3/12/12 Urban Storm Drainage Criteria Manual Volume 3

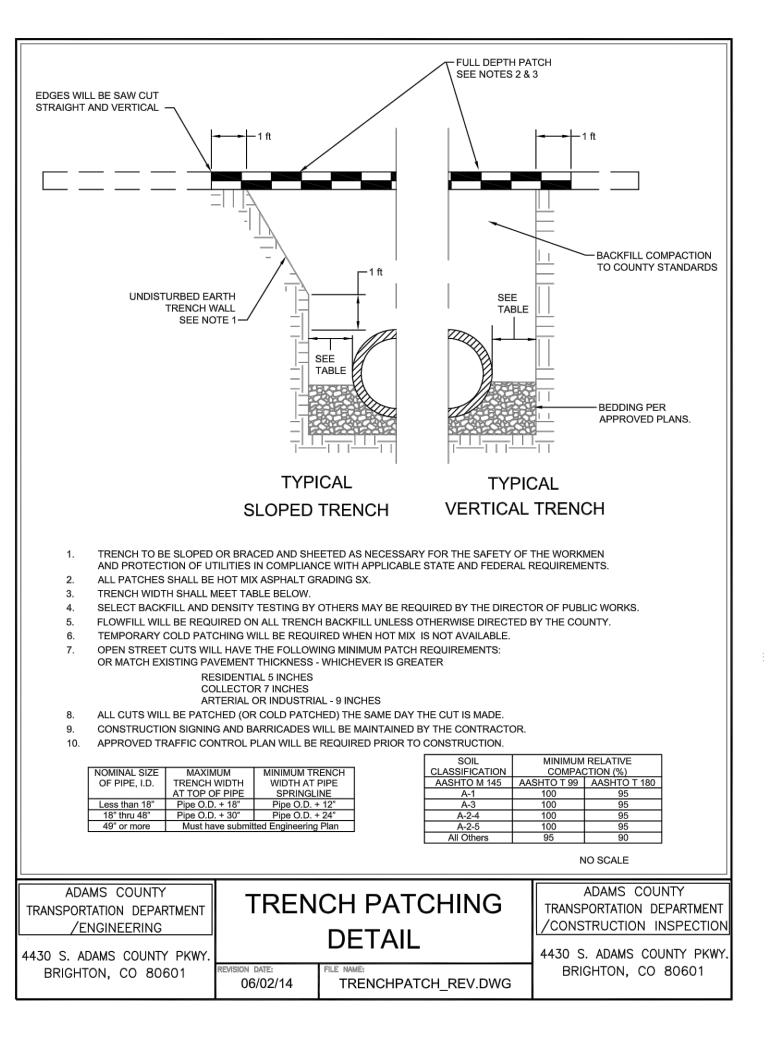
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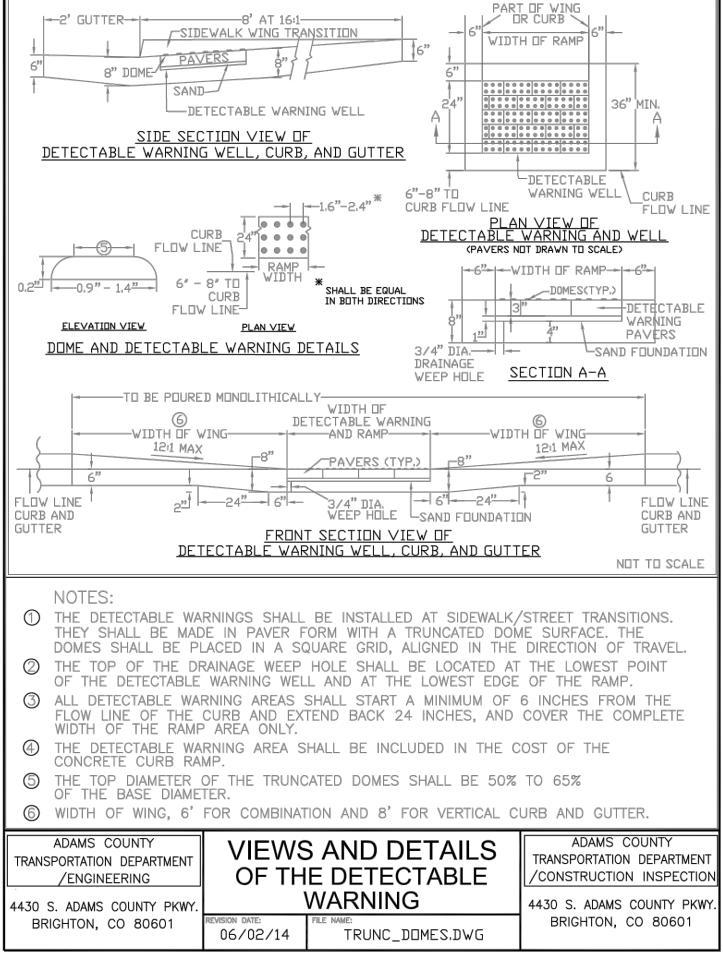
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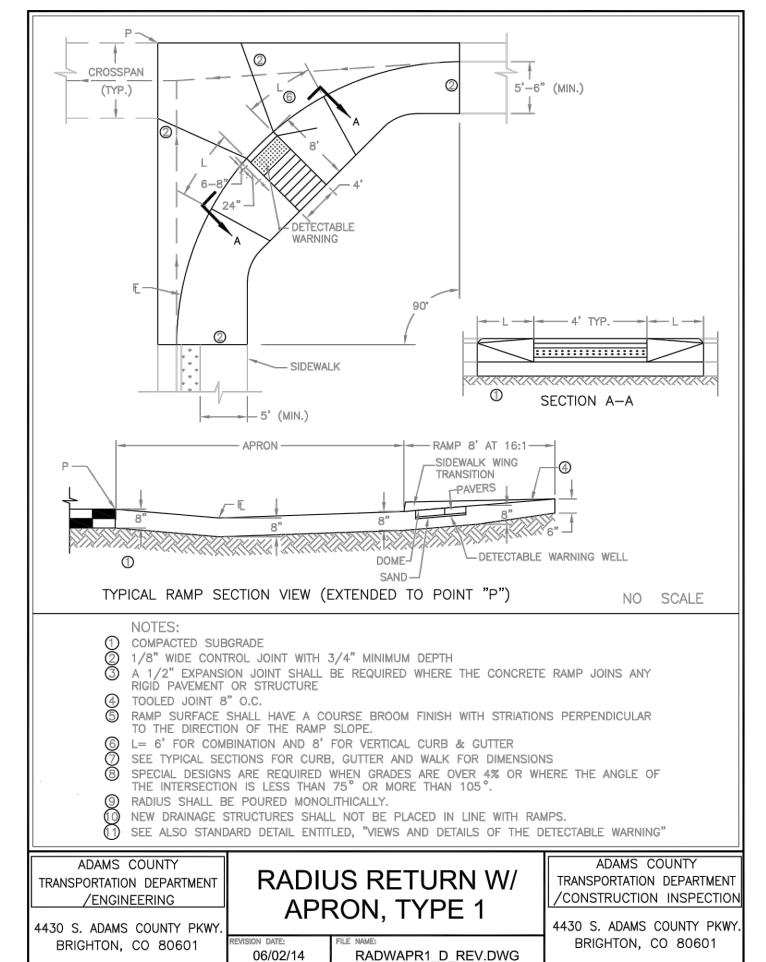
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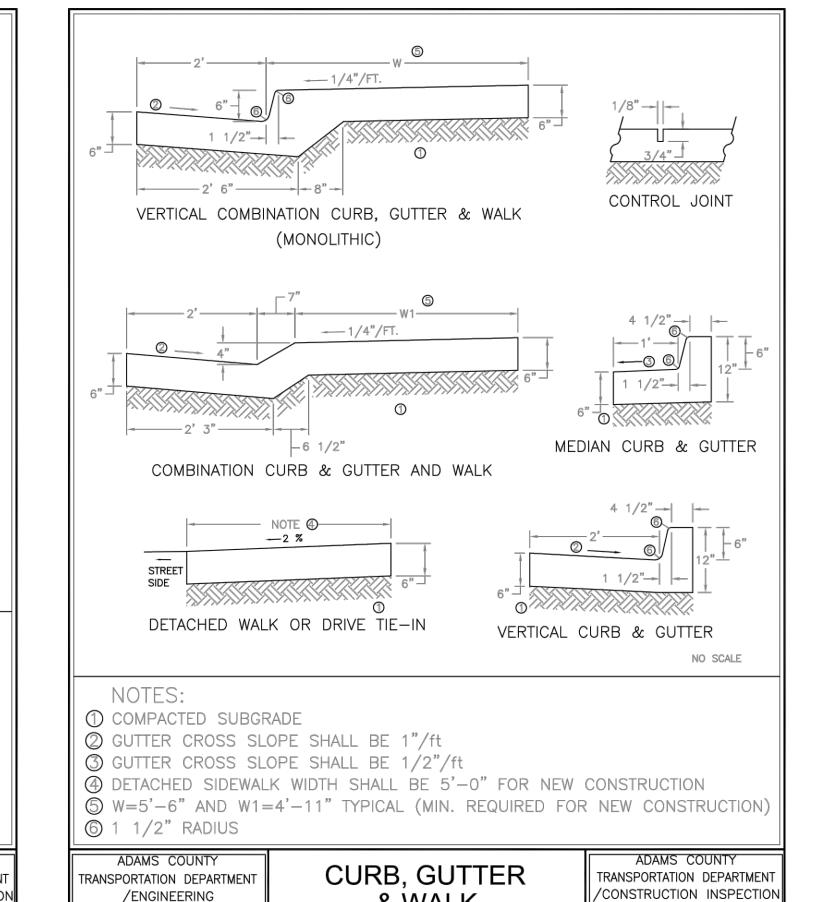


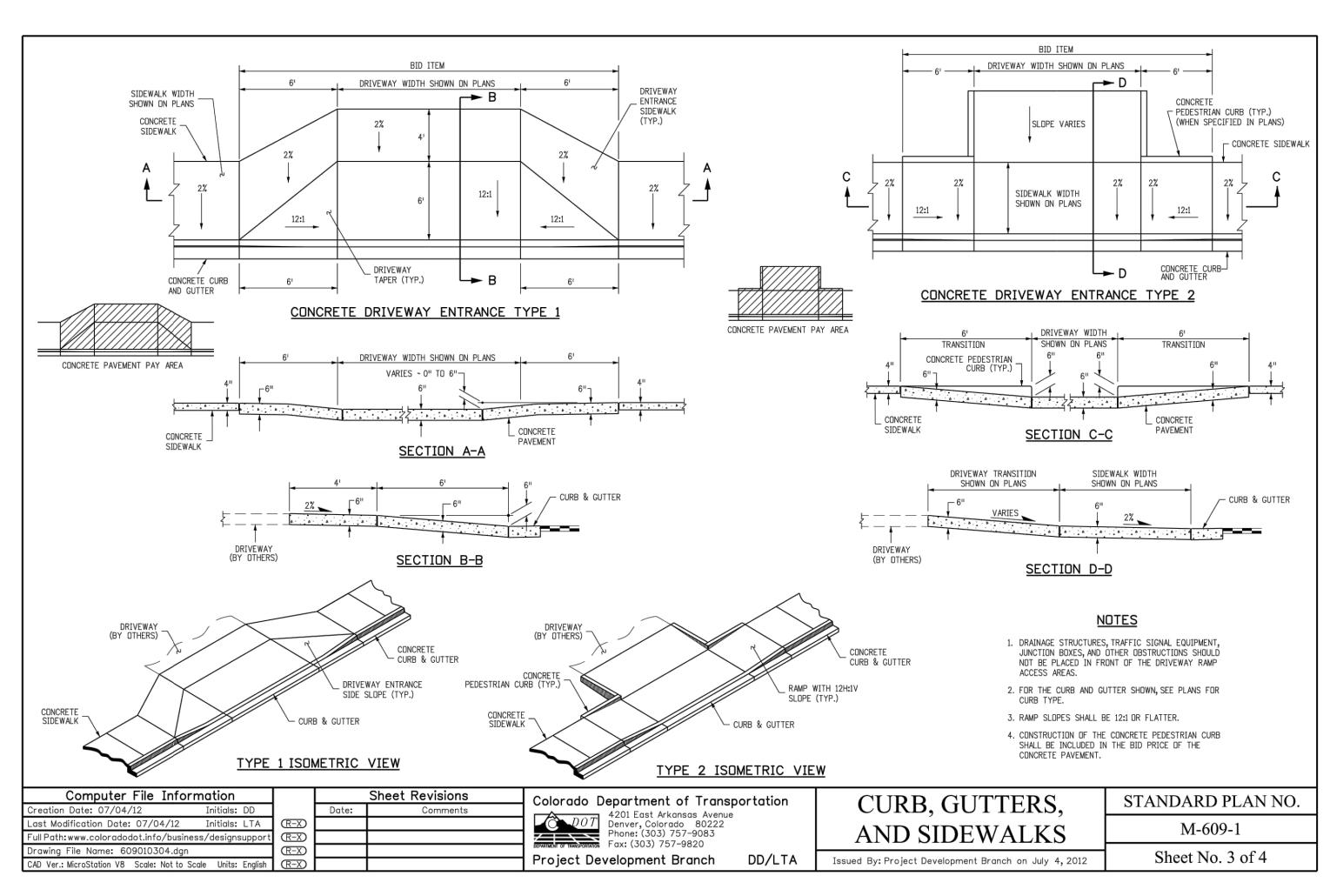


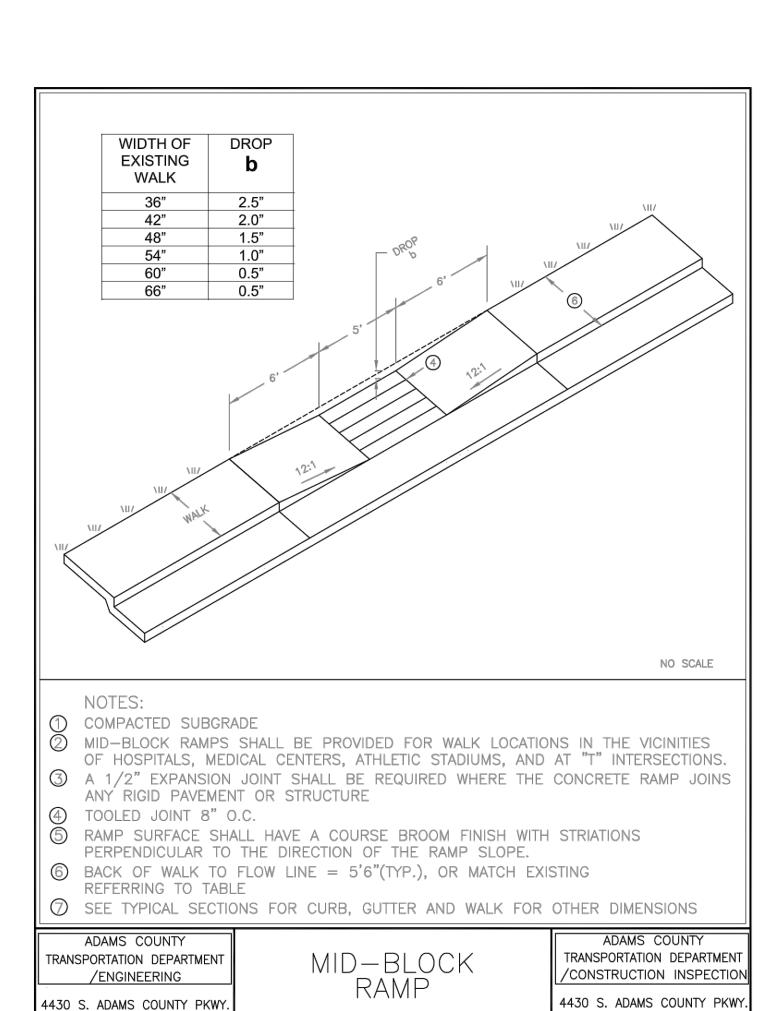










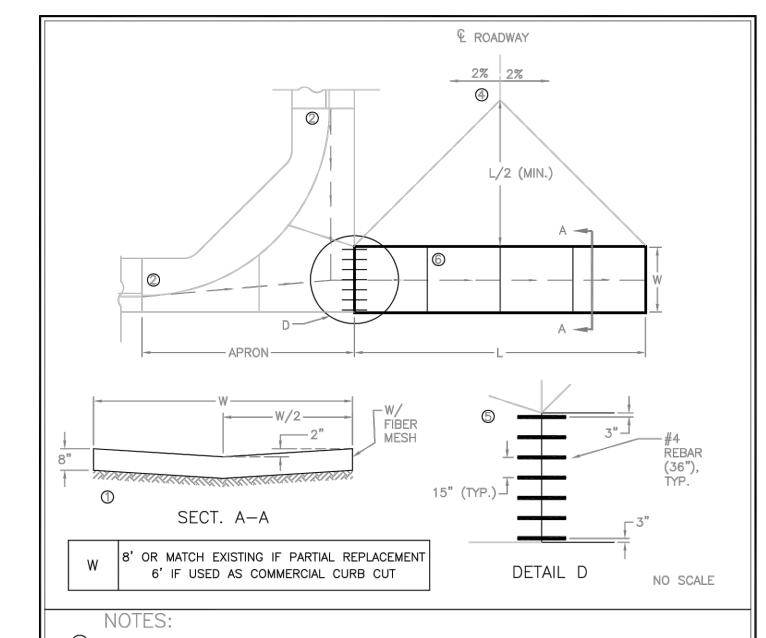


MID_BLOCK_D.DWG

BRIGHTON, CO 80601

06/02/14

BRIGHTON, CO 80601



CG&W_D.DWG

430 S. ADAMS COUNTY PKWY.

06/02/14

BRIGHTON, CO 80601

(1) COMPACTED SUBGRADE

2 1/8" WIDE CONTROL JOINT WITH 3/4" MINIMUM DEPTH

3 ADAMS COUNTY TO DETERMINE REINFORCEMENT REQUIREMENTS IF REINFORCEMENT IS NEEDED

4) WHERE PAVEMENT IS TO BE RECONSTRUCTED CROWN SHALL BE TRANSITIONED OVER L/2' (MIN). NO CROWN SHALL EXIST AT THE CROSSPAN

5 COLD JOINTS SHALL BE DOWELED AS PER "D" (MINIMUM, 2 BARS).

JOINT TO BE FILLED WITH JOINT FILLER

6 CONTRACTION JOINTS SHALL BE SPACED @ MAXIMUM 10' INTERVALS TO CROSSPANS SHALL BE CONSTRUCTED IN HALVES TO ALLOW TRAFFIC MOVEMENT

ADAMS COUNTY TRANSPORTATION DEPARTMENT /ENGINEERING		TYPICAL ROSSPAN	ADAMS COUNTY TRANSPORTATION DEPARTMEN /CONSTRUCTION INSPECTIO
4430 S. ADAMS COUNTY PKWY.		NOOO! AN	4430 S. ADAMS COUNTY PKW
BRIGHTON, CO 80601	REVISION DATE:	FILE NAME:	BRIGHTON, CO 80601

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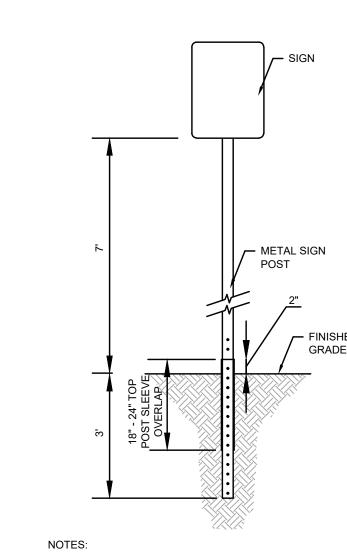
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2-BUSINESS DAYS IN ADVANCE BEFORE Y-GRADE, OR EXCAVATE FOR THE MARKING UNDERGROUND MEMBER UTILITIES.

1430 S. ADAMS COUNTY PKWY

BRIGHTON, CO 80601

SHEET 12 OF 13



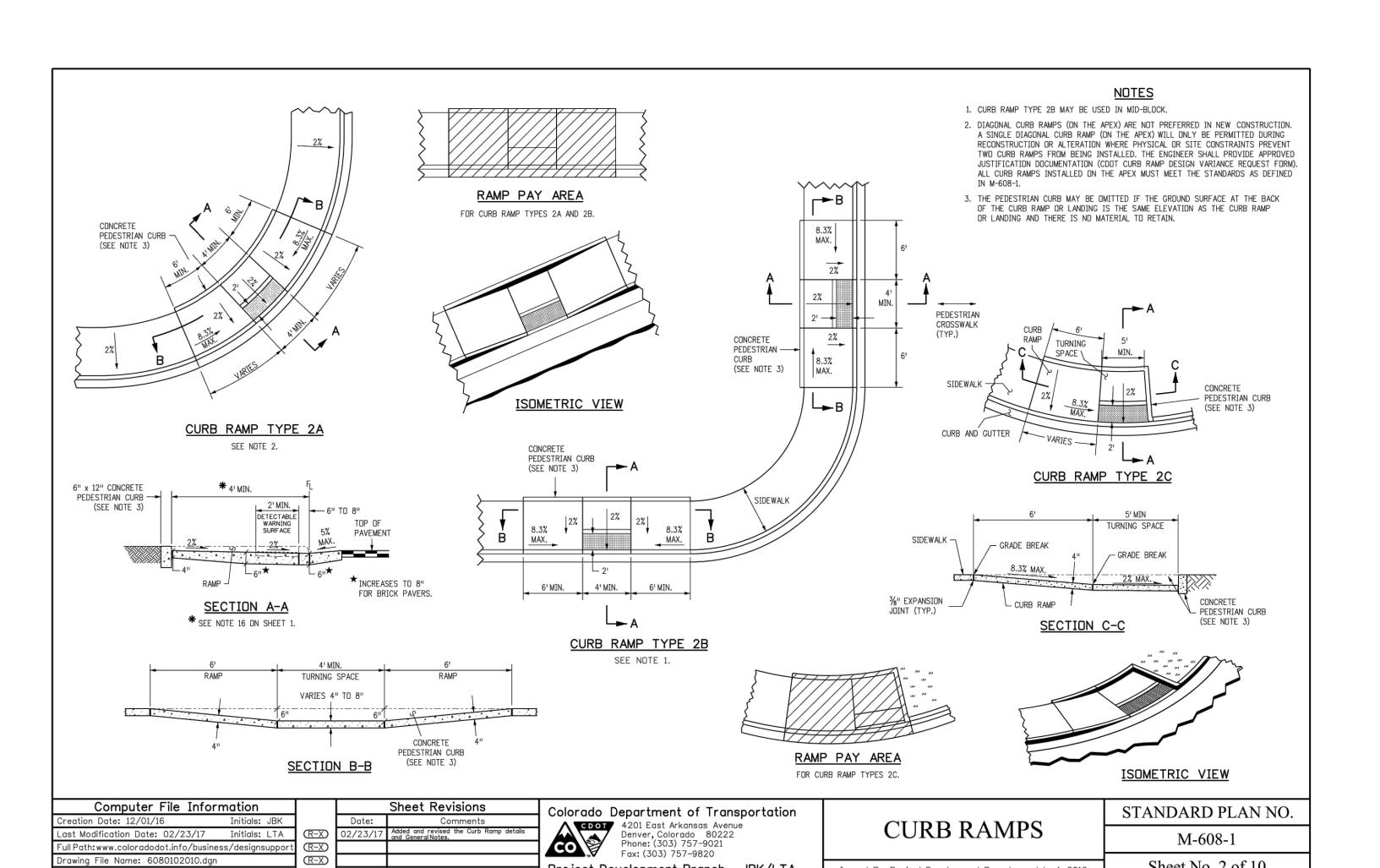
 PROVIDE SIGN IN CONFORMANCE WITH LATEST MUTCD SPECIFICATIONS. 2. WHEN A SIGN BASE FALLS WITHIN A HARDSCAPED AREA, A 3" PVC SLEVE SHALL BE INSTALLED AT THE SIGN LOCATION PRIOR TO PLACEMENT OF THE CONCRETE.

3. SIGN POSTS SHALL BE 1.75" X 1.75", SIGN BASES SHALL BE 2" X 2" WHEN SIGNS ARE SMALLER THAN 36" X 36".

4. SIGN POSTS SHALL BE 2" X 2", SIGN BASES SHALL BE 2.25" X 2.25" WHEN SIGNS ARE 36" X 36" OR BIGGER. 5. SIGN POSTS AND BASES SHALL BE STEEL PERFORATED SQUARE TUBING AS SUPPLIED BY UNISTRUT, OR APPROVED EQUAL.

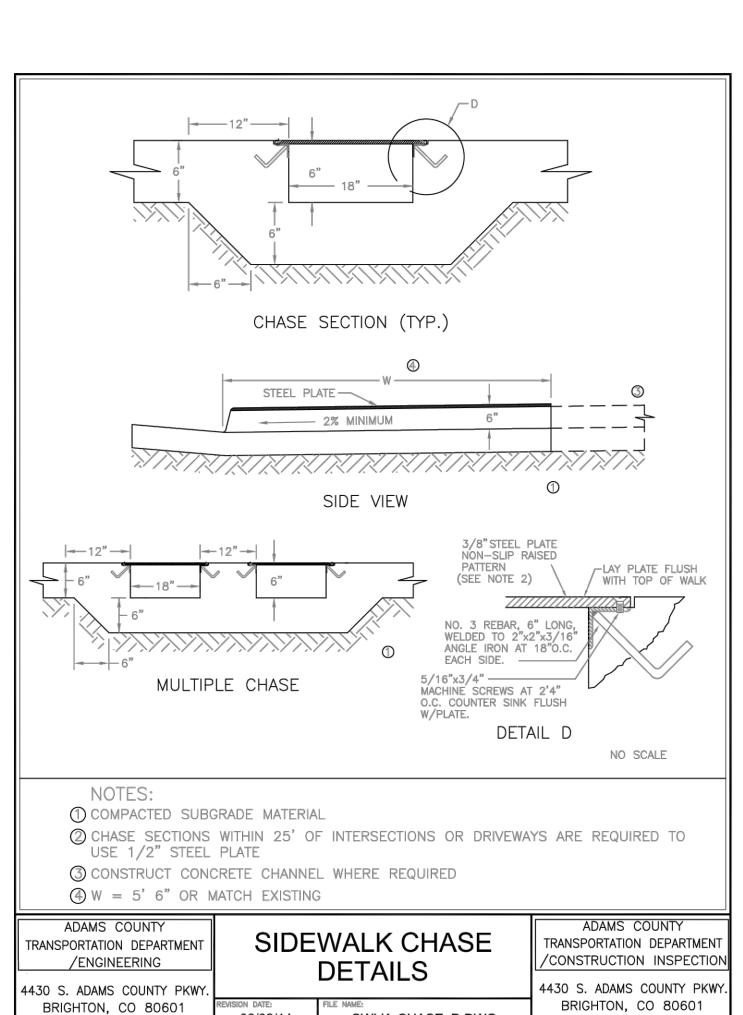
SIGN POST DETAIL

NTS



Project Development Branch JBK/LTA

CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English



SWLK_CHASE_D.DWG

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Sheet No. 2 of 10

Issued By: Project Development Branch on July 4, 2012

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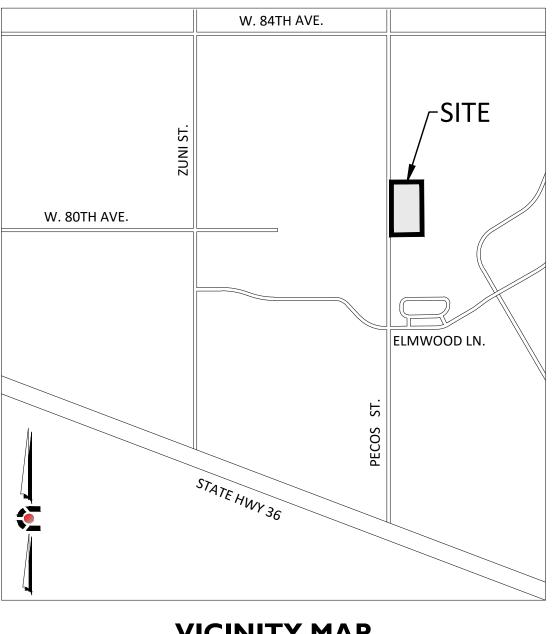
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SHEET 13 OF 13

ELMWOOD ESTATES CIVIL CONSTRUCTION PLANS

PART OF THE NORTHEAST QUARTER SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF ADAMS, STATE OF COLORADO



VICINITY MAP

DELWEST DEVELOPMENT CORP. 155 S. MADISON ST. DENVER, COLORADO 80209 (720) 708-4065 CONTACT: DERRELL SCHREINER

ENGINEER CORE CONSULTANTS, INC. 1950 WEST LITTLETON BLVD., SUITE 109 LITTLETON, CO 80120 (303) 703-4444, EXT 113 CONTACT: DAVID FORBES

LANDSCAPE TERRACINA DESIGN 10200 E. GIRARD AVENUE, SUITE A-314 DENVER, CO 80231 (303) 632-8867 CONTACT: LAYLA ROSALES

CORE CONSULTANTS, INC. 1950 WEST LITTLETON BLVD., SUITE 109 LITTLETON, CO 80120 (303) 703-4444, EXT 119 CONTACT: TOM GIRARD

DISTRICT MANAGER CITY DEVELOPMENT 9500 CIVIC CENTER DRIVE THORNTON, CO 80229 (303) 538-7295 CONTACT: TBD

CITY ENGINEER ADAMS COUNTY 4430 S. ADAMS COUNTY PARKWAY, W2000B BRIGHTON, CO 80601 (720) 523-6826 CONTACT: MATT EMMENS

WORK SHALL BE CONSTRUCTED TO CITY OF THORNTON STANDARDS AND SPECIFICATIONS.THIS APPROVAL IS FOR CONFORMANCE TO THESE STANDARDS AND SPECIFICATIONS AND OTHER CITY REQUIREMENTS. THE DESIGN AND CONCEPT REMAINS THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER OR LANDSCAPE PROFESSIONAL.

NOTICE TO CONTRACTOR
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES, CONDUITS OR OTHER STRUCTURES SHOWN ON THESE PLANS WAS OBTAINED BY THE SEARCH OF AVAILABLE RECORDS. THE ENGINEER ASSUMES NO LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF SUCH DATA. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES, CONDUITS OR STRUCTURES WHETHER OR NOT SHOWN ON THESE PLANS AND BY ACCEPTING AND UTILIZING THESE PLANS, ASSUMES ALL RESPONSIBILITY FOR THE PROTECTION OR AND ANY DAMAGE TO SAID FACILITIES.

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, CORE CONSULTANTS, INC. APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

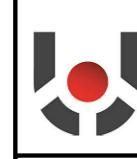
BEARINGS FOR THIS DESCRIPTION ARE BASED ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6th P.M., BEING ASSUMED TO BEAR N 89°30'30" E, FROM THE NORTH QUARTER CORNER OF SAID SECTION 33, BEING A 3 1/4" ALUMINUM CAP IN RANGE BOX, PLS 23519 TO THE NORTHEAST CORNER OF SAID SECTION 33 BEING A 3 1/4" ALUMINUM CAP IN RANGE BOX, PLS 7276 WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

BENCHMARK DESCRIPTION NGS MONUMENT 547, P.I.D. "DJ8173, ADAMS COUNTY" HAVING A PUBLISHED ELEVATION OF 5286.29 FEET. (NAVD 88) COVER

WATER DETAILS SANITARY DETAILS

Sheet Number Sheet Title GENERAL NOTES OVERALL UTILITY SANITARY PLAN AND PROFILE WATER PLAN AND PROFILE







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ELMWOOD ESTATES
ADAMS COUNTY, COLORADO
CONSTRUCTION DRAWINGS
COVER

DESIGNED BY: NW DRAWN BY: NW CHECKED BY: _JS_

> JOB NO. 19-165 SHEET I OF 7

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE; INCLUDING, SAFETY OF PERSONS AND PROPERTY DURING THE PERFORMANCE OF WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CITY CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.
- 2. THE TYPE, SIZE, LOCATION, AND NUMBER OF ALL KNOWN UNDERGROUND UTILITIES ARE APPROXIMATE WHEN SHOWN ON THE DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO DATE OF CONSTRUCTION. FOR INFORMATION CONTACT: UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) -1-800-922-1987. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY SIZE AND HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE CITY OF ANY DISCREPANCIES.
- 3. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS AND WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY AUTHORIZED CITY OF THORNTON PERSONNEL.
- 4. ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED AND THE SAFETY OF WORKERS PROVIDED FOR AS REQUIRED BY THE MOST RECENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION." THESE REGULATIONS ARE DESCRIBED IN SUBPART P, PART 1926 OF THE CODE OF FEDERAL REGULATIONS. SHEETING AND SHORING SHALL BE UTILIZED WHERE NECESSARY TO PREVENT ANY EXCESSIVE WIDENING OR SLOUGHING OF THE TRENCH WHICH MAY BE DETRIMENTAL TO HUMAN SAFETY, TO THE PIPE BEING PLACED, TO TREES, OR TO ANY EXISTING STRUCTURE WHERE EXCAVATIONS ARE MADE UNDER SEVERE WATER CONDITIONS. THE CONTRACTOR MAY BE REQUIRED TO USE AN APPROVED PILING INSTEAD OF SHEETING AND SHORING.
- 5. THE CONTRACTOR SHALL FURNISH THE ENGINEER THE "AS CONSTRUCTED" LOCATIONS OF FACILITIES INSTALLED AND, THIS IN TURN, SHALL BE SUBMITTED TO THE CITY OF THORNTON ON AS—BUILT MYLAR DRAWINGS AND ELECTRONIC FILES PREPARED BY THE ENGINEER.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING NEARBY PUBLIC STREETS OF MUD OR DEBRIS DUE TO CONSTRUCTION ACTIVITY INITIATED BY SAID CONTRACTOR ON A DAILY BASIS OR AS OTHERWISE DIRECTED BY AUTHORIZED CITY PERSONNEL.
- 7. PRIOR TO THE BEGINNING OF WORK, A PRECONSTRUCTION CONFERENCE SHALL BE HELD BETWEEN THE CITY, THE RESPONSIBLE PARTY WHO IS SCHEDULED TO PERFORM THE WORK, THE DESIGNATED ON—SITE FIELD REPRESENTATIVE, THE CONSULTING ENGINEER OR LANDSCAPE PROFESSIONAL, AND ANY OTHER ENTITIES INVOLVED IN THE CONSTRUCTION.
- 8. DEVELOPMENT PHASING OF ANY PROJECT MUST BE SHOWN ON THE CONSTRUCTION PLANS AND MADE A PART OF THE APPLICATION PROCEDURE. NO PHASING SHALL BE PERMITTED UNLESS THIS REQUIREMENT HAS BEEN ADHERED TO.
- 9. NO WORK SHALL BEGIN UNTIL THE INSTALLING RESPONSIBLE PARTY IS IN POSSESSION OF AN APPROVED SET OF PLANS AND THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS, AND ALL NECESSARY PERMITS FOR THE IMPROVEMENTS HAS BEEN ISSUED BY THE CITY. DEVELOPMENT ENGINEERING'S APPROVAL SHALL BE FOR GENERAL CONFORMITY TO THE UTILITY SPECIFICATIONS AND SHALL NOT CONSTITUTE BLANKET APPROVAL OF ALL DIMENSIONS, QUANTITIES AND DETAILS OF THE MATERIAL OR EQUIPMENT SHOWN. NOR SHALL SUCH APPROVAL RELIEVE THE RESPONSIBLE PARTY, CONSULTING ENGINEER, OR LANDSCAPE ARCHITECT OF THEIR RESPONSIBILITY FOR ERRORS CONTAINED IN THE DRAWINGS. A COPY OF THE APPROVED PLANS AND ALL PERMITS SHALL BE ONSITE AT ALL TIMES.
- 10. THE RESPONSIBLE PARTY SHALL FURNISH REASONABLE AID AND ASSISTANCE REQUIRED BY DEVELOPMENT ENGINEERING FOR THE PROPER EXAMINATION OF THE MATERIALS AND WORK. WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTED WORKMANSHIP PRACTICES AND THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS. ANY WORK NOT ACCEPTED BY DEVELOPMENT ENGINEERING SHALL BE REDONE UNTIL COMPLIANCE WITH THESE STANDARDS IS ACHIEVED. INSTRUCTIONS GIVEN BY DEVELOPMENT ENGINEERING RELATING TO QUALITY OF MATERIALS AND WORKMANSHIP MUST BE OBEYED AT ONCE BY THE RESPONSIBLE PARTY. DEVELOPMENT ENGINEERING SHALL NOT SUPERVISE SET OUT WORK, OR GIVE LINE AND GRADE STAKES.
- 11. THE MATERIALS USED IN PROJECTS SHALL BE NEW AND SUBJECT TO THE INSPECTION AND APPROVAL OF THE INSPECTOR AT ALL TIMES. THE INSPECTOR HAS THE RIGHT TO PERFORM ANY TESTING DEEMED NECESSARY TO ENSURE COMPLIANCE OF THE MATERIAL WITH THESE STANDARDS. NO MATERIAL SHALL BE USED BEFORE BEING INSPECTED AND APPROVED BY THE INSPECTOR. FAILURE OR NEGLECT ON THE PART OF THE INSPECTOR TO CONDEMN OR REJECT INFERIOR MATERIALS OR WORK SHALL NOT BE CONSTRUED TO IMPLY THEIR ACCEPTANCE SHOULD THEIR INFERIORITY BECOME EVIDENT AT ANY TIME PRIOR TO FINAL ACCEPTANCE OF THE WORK. INSPECTORS HAVE THE AUTHORITY TO REJECT DEFECTIVE OR INFERIOR MATERIALS AND/OR DEFECTIVE WORKMANSHIP AND TO SUSPEND WORK UNTIL SUCH TIME AS THE RESPONSIBLE PARTY SHALL CORRECT THE DISCREPANCIES IN QUESTION.
- 12. WHENEVER DEFECTIVE MATERIALS AND WORK ARE REJECTED, THE RESPONSIBLE PARTY SHALL PROMPTLY REMOVE SUCH DEFECTIVE MATERIALS AND CONSTRUCTION FROM THE JOB SITE AND REPLACE ALL DEFECTIVE PORTIONS TO THE SATISFACTION OF DEVELOPMENT ENGINEERING. IN THE EVENT THE RESPONSIBLE PARTY FAILS TO REMOVE REJECTED ITEMS FROM THE JOB SITE WITHIN A REASONABLE LENGTH OF
- TIME, DEVELOPMENT ENGINEERING MAY ARRANGE FOR SUCH REMOVAL AT THE EXPENSE OF THE RESPONSIBLE PARTY.

 13. INSPECTION SHALL NOT RELIEVE THE RESPONSIBLE PARTY FROM ANY OBLIGATION TO PERFORM THE WORK STRICTLY IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS OR ANY MODIFICATIONS THEREOF.

 WORK NOT SO CONSTRUCTED SHALL BE REMOVED AND CORRECTED BY THE RESPONSIBLE PARTY AT HIS SOLE EXPENSE, WHENEVER SO ORDERED BY DEVELOPMENT ENGINEERING, WITHOUT REFERENCE TO ANY PREVIOUS ERROR OR OVERSIGHT IN INSPECTION.
- 14. EXCEPT IN CASES OF EMERGENCY, MAINTENANCE, OR PROTECTION OF WORK ALREADY COMPLETED, NO WORK SHALL BE ALLOWED BETWEEN THE HOURS OF 7 P.M. AND 7 A.M.; NOR ON SATURDAY, SUNDAY, OR LEGAL HOLIDAYS UNLESS APPROVED BY DEVELOPMENT ENGINEERING IN EACH CASE. WHEN ANY INSPECTOR IS REQUIRED TO WORK OUTSIDE THE HOURS OF 7 A.M. TO 4 P.M. ON REGULAR CITY BUSINESS DAYS, OVERTIME SHALL BE CHARGED TO THE RESPONSIBLE PARTY. HOWEVER, SUCH INSPECTORS SHALL REMAIN EMPLOYEES OF THE CITY FOR ALL PURPOSES. REQUESTS FOR OVERTIME SHALL BE MADE TO DEVELOPMENT ENGINEERING AT LEAST 48 HOURS IN ADVANCE. PAYMENT FOR SUCH OVERTIME WORK SHALL BE MADE TO THE CITY PRIOR TO FINAL ACCEPTANCE.
- 15. IN THE EVENT ONE OR MORE INSPECTORS REPRESENTING PRIVATE CONSULTING ENGINEERING FIRMS ARE ALSO INSPECTING A PROJECT ALONG WITH DEVELOPMENT ENGINEERING, THE INSTRUCTIONS GIVEN BY
- DEVELOPMENT ENGINEERING SHALL PREVAIL IN THE EVENT OF CONFLICTING INSTRUCTIONS.

 16. THE WORK SHALL BE SURVEYED AND STAKED UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR IN ACCORDANCE WITH THE APPROVED PLANS.
- 17. IF IRRIGATION DITCHES ARE INVOLVED, AN APPROVAL BLOCK FOR THE DITCH COMPANY SHALL BE PROVIDED.
- 18. IF A FOUNDATION UNDERDRAIN SYSTEM IS INSTALLED IN THE PUBLIC RIGHT—OF—WAY, THE FOLLOWING STATEMENT SHALL BE INCLUDED IN THE AS—BUILT DRAWINGS: "THE FOUNDATION UNDERDRAIN SYSTEM IS
 THE RESPONSIBILITY OF THE OWNER/DEVELOPER OR ITS ASSIGNS. THE CITY IS NOT RESPONSIBLE FOR THE MAINTENANCE OR REPAIR OF SAID SYSTEM."
- 19. CONSTRUCTION SHALL ADHERE TO THE FOLLOWING SEQUENCE UNLESS OTHERWISE SPECIFIED BY THE DEVELOPMENT ENGINEERING MANAGER: SANITARY SEWER INSTALLATION, WATER MAIN INSTALLATION, CURB AND GUTTER INSTALLATION, WATER SERVICE INSTALLATION.
- 20. COMPACTION OF ALL TRENCHES MUST BE ATTAINED AND COMPACTION TEST RESULTS SUBMITTED TO THE ENGINEER AND THE CITY OF THORNTON PRIOR TO FINAL ACCEPTANCE.
- 21. ALL WORK, INCLUDING CORRECTION WORK, SHALL BE INSPECTED BY A CITY REPRESENTATIVE WHO SHALL HAVE THE AUTHORITY TO HALT CONSTRUCTION WHEN STANDARD CONSTRUCTION PRACTICES ARE NOT BEING ADHERED TO.
- 22. DEVELOPER AND BUILDER SHALL REGULARLY PATROL THE PUBLIC LANDS ADJACENT TO THE DEVELOPMENT TO REMOVE CONSTRUCTION DEBRIS AND KEEP THE SITE CLEAN AND SAFE.
- 23. ALL SITE GRADING (EXCAVATION, EMBANKMENT, AND COMPACTION) SHALL CONFORM TO THE RECOMMENDATIONS OF THE LATEST SOILS INVESTIGATION FOR THIS PROPERTY AND SHALL FURTHER BE IN CONFORMANCE WITH THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS", LATEST EDITION. A CDPS GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES SHALL BE OBTAINED PRIOR TO ANY GRADING BEING PERFORMED ON SITES ONE (1) ACRE OR LARGER IN SIZE. THESE PERMITS CAN BE OBTAINED FROM THE STATE WATER QUALITY CONTROL DIVISION.
- 24. NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED WHEREVER POSSIBLE. EXPOSURE OF SOIL TO EROSION BY REMOVAL OR DISTURBANCE OF VEGETATION SHALL BE LIMITED TO THE AREA REQUIRED FOR IMMEDIATE CONSTRUCTION OPERATION AND FOR THE SHORTEST PRACTICAL PERIOD OF TIME.
- 25. TOPSOIL SHALL BE STOCKPILED TO THE EXTENT PRACTICABLE ON THE SITE FOR USE ON AREAS TO BE REVEGETATED. ANY AND ALL STOCKPILES SHALL BE LOCATED AND AND PROPER MEASURES TAKEN TO CONTROL EROSION AND SEDIMENT MOVEMENT.
- 26. AT ALL TIMES, THE PROPERTY SHALL BE MAINTAINED AND/OR WATERED TO PREVENT WIND-CAUSED EROSION. EARTHWORK OPERATIONS SHALL BE DISCONTINUED WHEN DUST SIGNIFICANTLY IMPACTS ADJACENT PROPERTY. IF EARTHWORK IS COMPLETE OR DISCONTINUED AND DUST FROM THE SITE CONTINUES TO CREATE PROBLEMS, THE OWNER/DEVELOPER SHALL IMMEDIATELY INSTITUTE MITIGATIVE
- MEASURES AND SHALL CORRECT DAMAGE TO ADJACENT PROPERTY.
 27. PERMANENT SLOPES SHALL NOT EXCEED 4:1 (H: V) IN AREAS TO BE SEEDED OR SODDED. RETAINING WALLS SHALL BE REVIEWED AND APPROVED BY SEPARATE APPLICATION TO THE DEVELOPMENT
- 28. THIS EROSION AND SEDIMENT CONTROL PLAN HAS BEEN SUBMITTED TO THE CITY OF THORNTON AND IS IN GENERAL CONFORMANCE WITH THE CITY'S EROSION CONTROL STANDARDS. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURE MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEM OR IF THE PROPOSED EROSION CONTROL MEASURES DO NOT FUNCTION AS INTENDED. THE REQUIREMENTS OF THIS EROSION CONTROL PLAN AND THE OBLIGATION OF THE LANDOWNER SHALL RUN WITH THE LAND UNTIL SUCH TIME AS THE EROSION CONTROL PLAN IS PROPERLY COMPLETED, OFFICIALLY MODIFIED, OR VOIDED.
- 29. INSTALLATION OF WATER MAINS SHALL NOT BE PERMITTED UNTIL ALL COMPACTION RESULTS FOR SANITARY SEWERS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY, ALL DESIGN SLOPES FOR SANITARY SEWER INSTALLATIONS HAVE BEEN VERIFIED AND APPROVED BY THE CITY, AND ALL APPLICABLE TESTING PROCEDURES HAVE BEEN CONDUCTED AND APPROVED IN WRITING.
- 30. NEW WATER MAINS 12 INCHES OR LESS SHALL BE AWWA STANDARD C-900-07 PVC DR -25 PRESSURE PIPE. WATER MAINS LARGER THAN 12 INCHES SHALL MEET AWWA C-905 PVC DR-21 OR DR-18 AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER. HYDRANT LEADS SHALL ONLY BE DIP.
- 31. WATER MAINS SHALL BE LAID IN CONFORMANCE WITH THE LATEST EDITION OF THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS AND SHALL BE SUBJECT TO CITY INSPECTION AND APPROVAL.
- 32. FIRE HYDRANTS SHALL BE LIMITED TO THE FOLLOWING MANUFACTURERS ONLY AND SHALL BE PAINTED ACCORDING TO THE LATEST EDITION OF THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS PRIOR TO ACCEPTANCE.

 MUELLER COMPANY -5-1/4" SUPER CENTURION
- WATEROUS COMPANY MODEL WB-250-PACER

 33. THERE SHALL BE A MINIMUM OF FOUR AND ONE HALF (4.5) FEET OF COVER FROM FINISHED GRADE TO THE TOP OF WATERLINES.
- 34. BEDDING AND BACKFILL MATERIALS FOR BOTH WATER AND SEWER SHALL CONFORM TO THE LATEST EDITION OF THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS.
- 35. THRUSTBLOCKS SHALL BE PLACED AT FITTINGS, TEES, BENDS, CROSSES, PLUGS, ETC., IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS.
- 36. IN ALL CASES, 10 FEET OF HORIZONTAL DISTANCE, AS MEASURED FROM EDGE OF PIPE TO EDGE OF PIPE, SHALL BE MAINTAINED BETWEEN WATER AND ANY SANITARY OR STORM SEWER.
- 37. CONTRACTOR SHALL NOTIFY ALL RESIDENTS AND/OR BUSINESSES IN WRITING 48 HOURS PRIOR TO ANY SHUT-OFF IN SERVICE. THE NOTICES MUST HAVE CONTRACTOR'S PHONE NUMBER AND NAME OF CONTACT PERSON, AND EMERGENCY PHONENUMBER FOR AFTER HOURS CALLS. ALL SHUT-OFF'S MUST BE APPROVED BY THE CITY'S INFRASTRUCTURE DEPARTMENT, AND
- 38. CITY VALVES AND APPURTENANCES SHALL BE OPERATED BY CITY PERSONNEL, UNLESS WRITTEN PERMISSION IS GIVEN OTHERWISE.
 39. RIM ELEVATIONS OF MANHOLE SHOWN ON THE PLAN AND PROFILE SHEETS ARE APPROXIMATE ONLY AND ARE NOT TO BE TAKEN AS FINAL ELEVATIONS. THE PIPELINE CONTRACTOR SHOULD ALLOW
- APPROXIMATELY THE TOP ONE (1) FOOT OF RIM ELEVATION TO BE ADJUSTED EITHER UP OR DOWN IN ORDER TO MATCH FINAL PAVEMENT ELEVATION. THE MAXIMUM ADJUSTMENT TO FINAL GRADE IS 12 INCHES WITH CONCRETE RINGS.
- 40. DURING CONSTRUCTION, CARE MUST BE TAKEN TO AVOID ANY GROUND WATER, STORM WATER, CONSTRUCTION DEBRIS, SOIL, OR ANY OTHER FOREIGN MATERIALS FROM ENTERING ANY ACTIVE CITY OF THORNTON SEWER. THE USE OF THE SANITARY SEWER SYSTEM FOR THE PURPOSES OF DEWATERING IS STRICTLY PROHIBITED. ALL CONSTRUCTION ACTIVITIES DEWATERING MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY." FOR INFORMATION, PLEASE CONTACT COLORADO DEPARTMENT OF HEALTH, WATER QUALITY CONTROL DIVISION.
- 41. AFTER ANY OVERLAY OF AN EXISTING ROADWAY, WHERE CITY UTILITIES ARE PRESENT, THE DEVELOPER SHALL OPEN ALL MANHOLES AND VALVE BOXES FOLLOWING THE PAVING OPERATION TO ENSURE THAT MANHOLE AND VALVES WERE NOT PAVED OVER NOR FILLED WITH ASPHALT.
- 42. WHEN AN EXISTING ASPHALT STREET IS CUT, THE STREET MUST BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL CONDITION. THE EXISTING STREET CONDITION SHALL BE DOCUMENTED BY THE CITY OF THORNTON'S CONSTRUCTION INSPECTOR BEFORE ANY CUTS ARE MADE. PATCHING SHALL BE DONE IN CONFORMANCE WITH THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS. THE FINISHED PATCH SHALL BLEND SMOOTHLY INTO THE EXISTING SURFACE. ALL LARGE PATCHES SHALL BE PAVED WITH AN ASPHALT LAY—DOWN MACHINE. IN STREETS WHERE MORE THAN ONE CUT IS MADE, AN OVERLAY OF THE ENTIRE STREET WIDTH, INCLUDING THE PATCHED AREAS, MAY BE REQUIRED. THE DETERMINATION OF NEED FOR A COMPLETE OVERLAY SHALL BE MADE BY THE DEVELOPMENT ENGINEERING MANAGER.
- 43. PAVING SHALL NOT START UNTIL A GEOTECHNICAL REPORT AND PAVEMENT DESIGN HAVE BEEN APPROVED BY THE CITY OF THORNTON'S DEVELOPMENT ENGINEERING DIVISION AND SUBGRADE COMPACTION
 TEST AND PROOF ROLL HAVE BEEN PERFORMED AND THE RESULTS HAVE MET WITH THE APPROVAL OF THE CITY OF THORNTON. THE PAVEMENT DESIGN REPORT MUST BE SUBMITTED THREE (3) WEEKS PRIOR
 TO THE ANTICIPATED DATE OF PAVING.
- 44. ALL DAMAGED EXISTING CURB, GUTTER, AND SIDEWALK SHALL BE REPAIRED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.
 45. ALL CURB RETURNS WITHIN PUBLIC RIGHT—OF—WAY SHALL BE CONSTRUCTED WITH SIDEWALK RAMPS IN ACCORDANCE WITH THE CITY
- 45. ALL CURB RETURNS WITHIN PUBLIC RIGHT—OF—WAY SHALL BE CONSTRUCTED WITH SIDEWALK RAMPS IN ACCORDANCE WITH THE CITY OF THORNTON STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC AND PRIVATE IMPROVEMENTS. ALL SIDEWALK RAMPS SHALL INCLUDE A TRUNCATED DOME DETECTABLE WARNING PATTERN AS SHOWN ON THE DETAIL SHEETS.
- 46. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN PROPER TRAFFIC CONTROL DEVICES UNTIL THE SITE IS OPEN TO TRAFFIC. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY OF THORNTON FOR APPROVAL PRIOR TO CONSTRUCTION.
- 47. REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR.

/ELOPMENT CONSULTIN FURAL RESOURCES CON AD SURVEYING





CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU

DIG, GRADE, OR EXCAVATE FOR THE MARKING OF

UNDERGROUND MEMBER UTILITIES.

CORE ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY
LOCATIONS (HORIZONITAL AND VERTICAL). THE EXISTING
UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED
FROM THE BEST AVAILIBELE INFORMATION. IT IS, HOWEVER,
THE RESPONSIBILITY OF THE CONTRACTOR TO HELD VERIFY

THE LOCATION OF ALL UTILITIES PRIOR TO THE

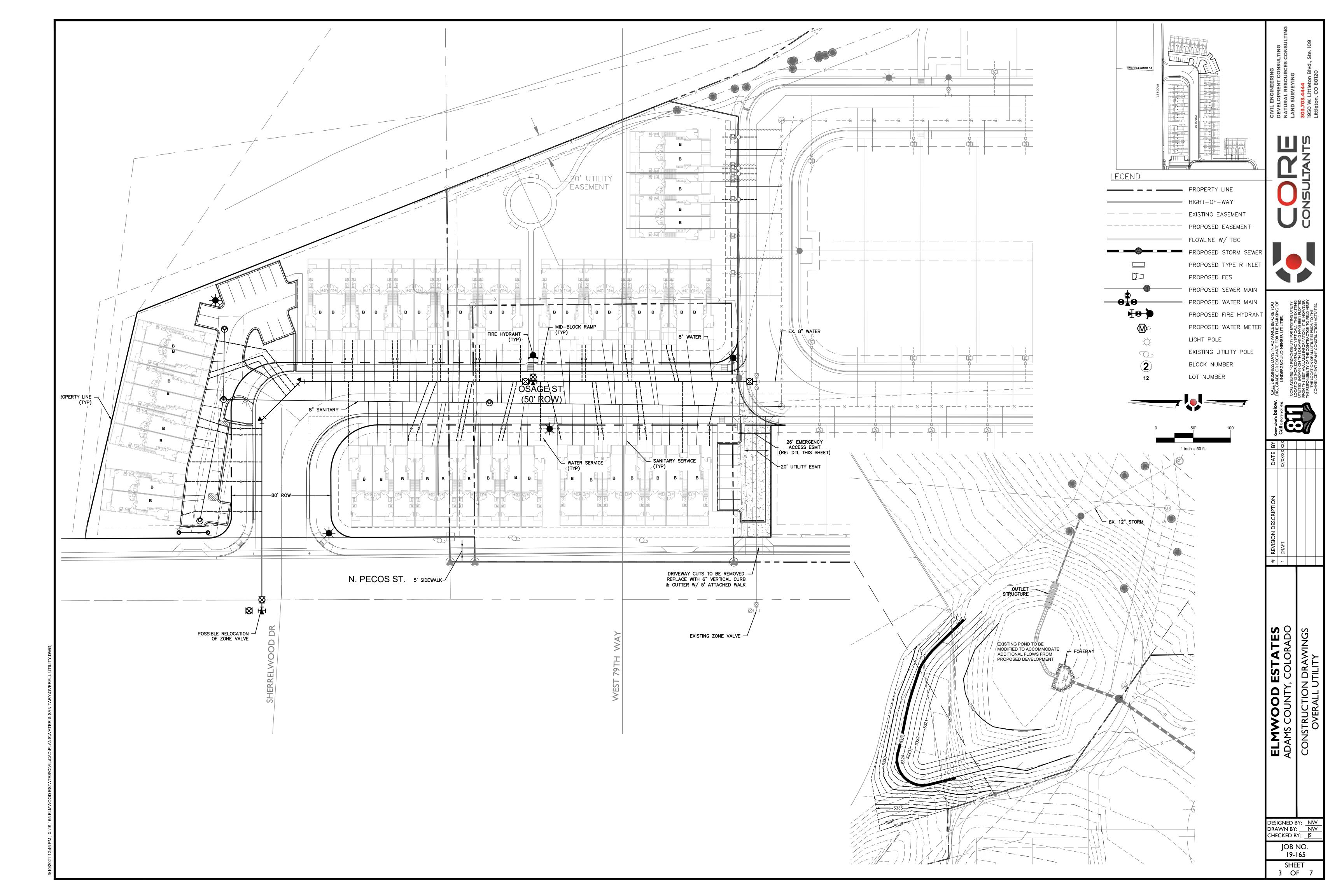
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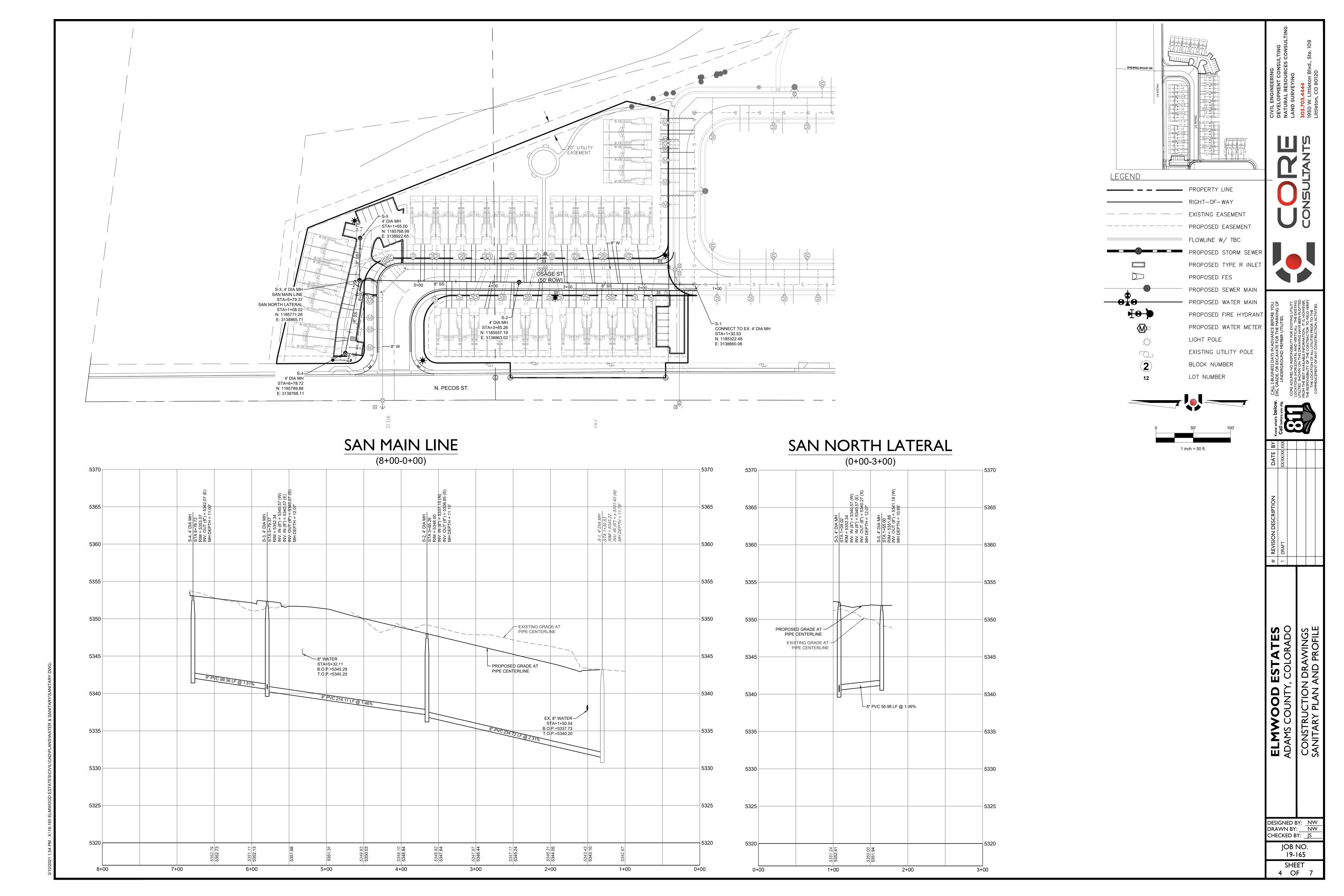
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DAMS COUNTY, COLORADO
CONSTRUCTION DRAWINGS
GENERAL NOTES

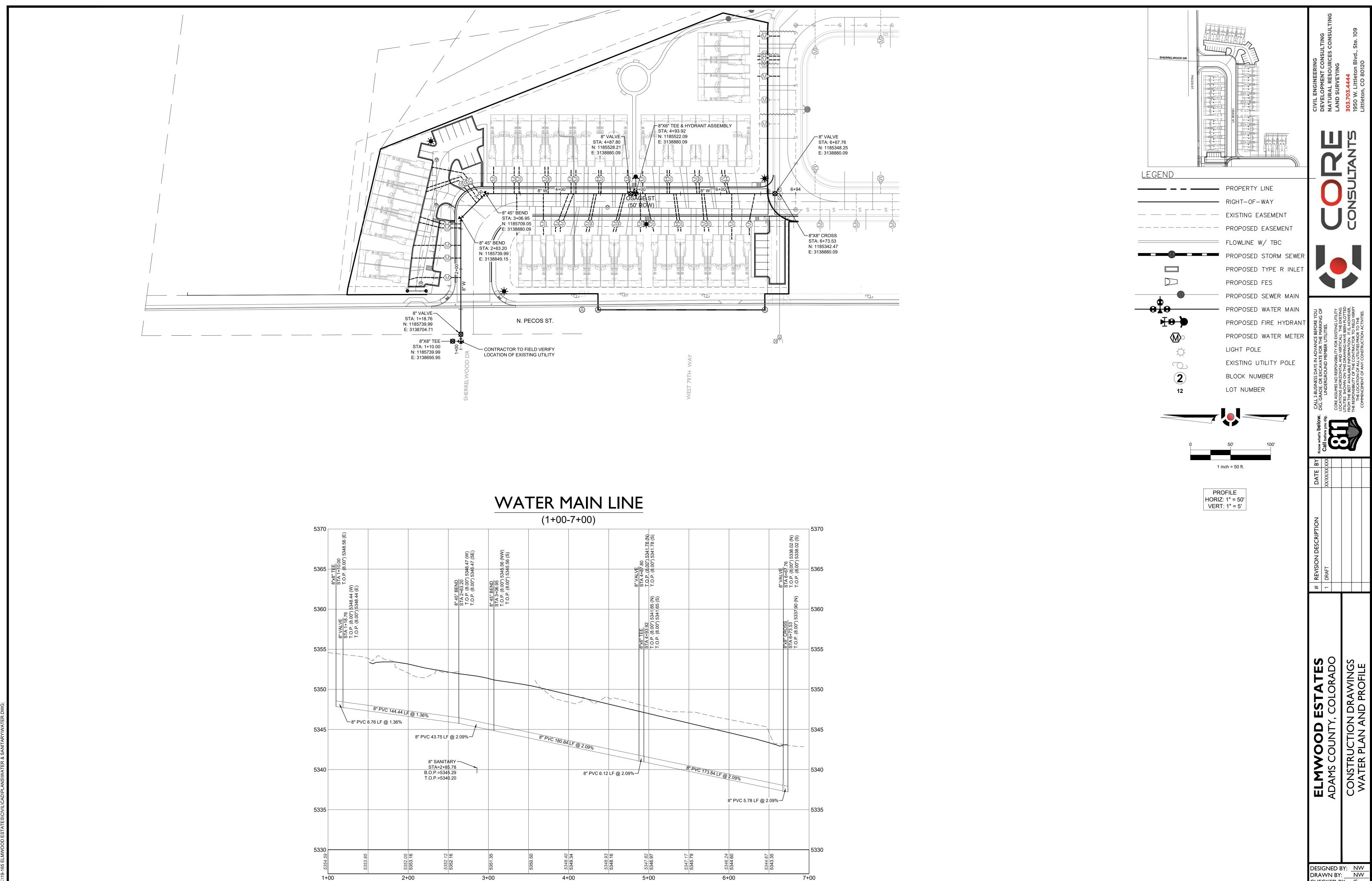
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JOB NO.

19-165 SHEET 2 OF 7

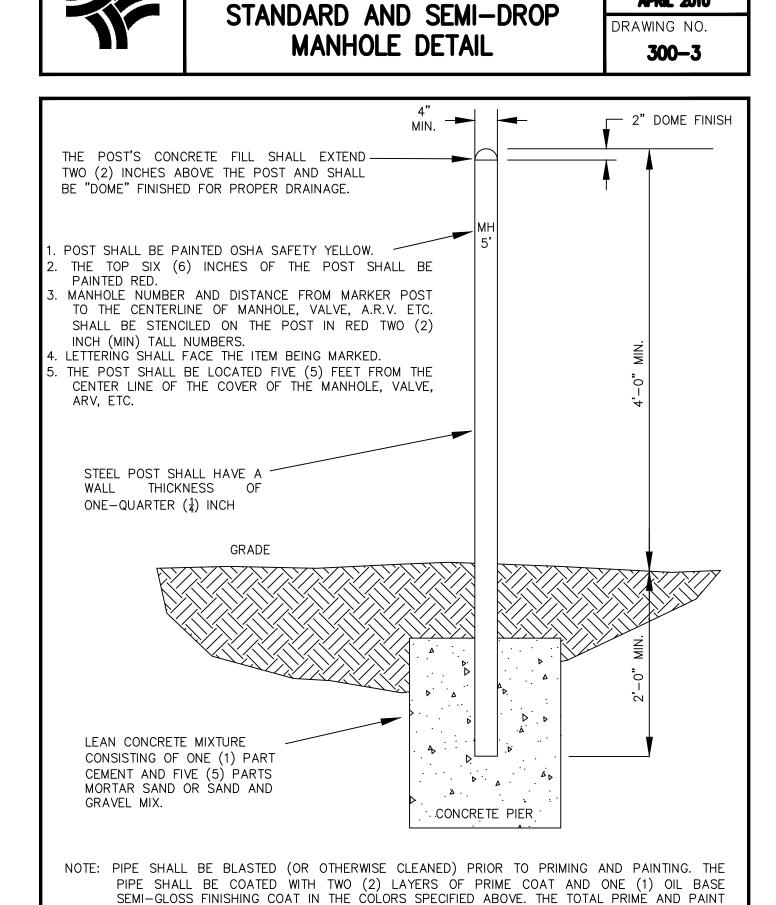






DESIGNED BY: NW
DRAWN BY: NW
CHECKED BY: JS

JOB NO. 19-165 SHEET 5 OF 7



THICKNESS SHALL BE A MIN. OF 4.5 MIL. THICKNESS OR 1.5 MIL. OF EACH LAYER.

CITY OF THORNTON, COLORADO

STANDARDS & SPECIFICATIONS

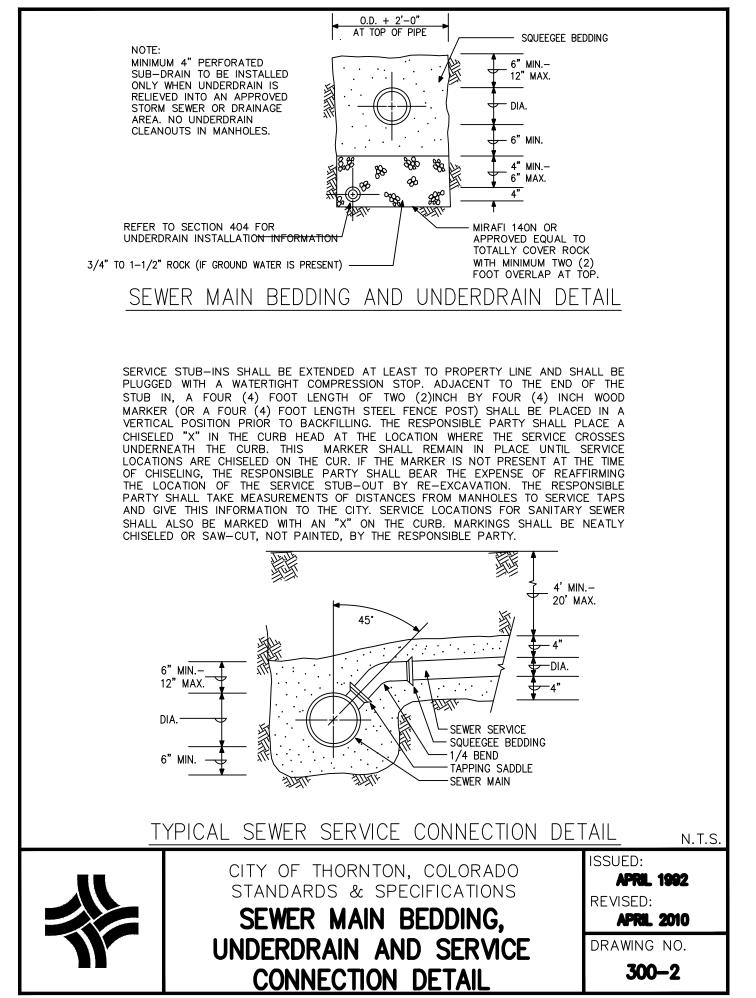
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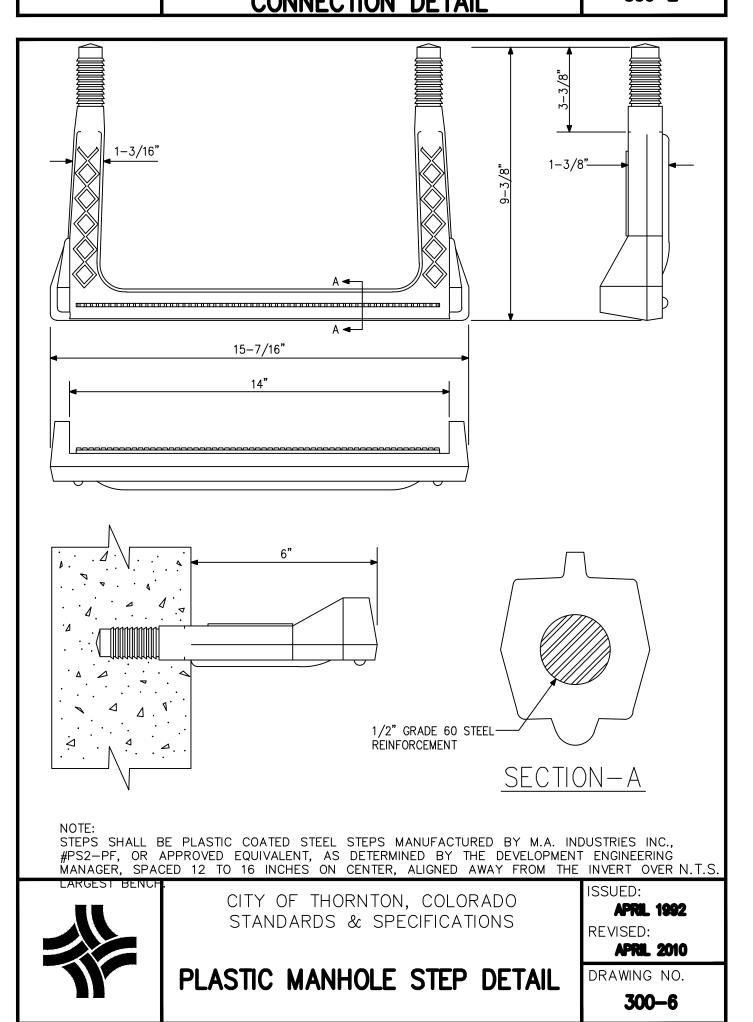
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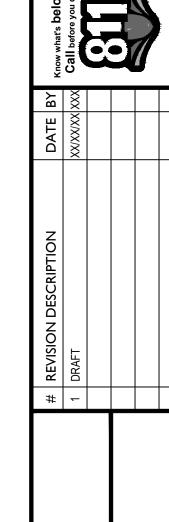
APRIL 2010

DRAWING NO.

REVISED:







ELMWOOD ESTATES
ADAMS COUNTY, COLORADO
CONSTRUCTION DRAWINGS
WATER DETAILS

JOB NO. 19-165 SHEET 6 OF 7

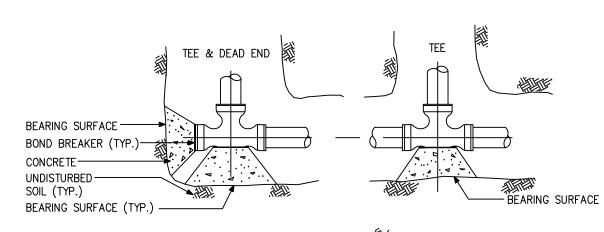
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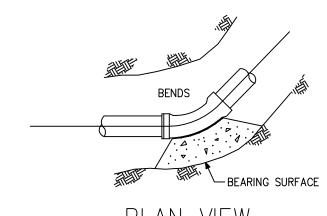
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DRAWN BY: NW CHECKED BY: <u>JS</u> JOB NO. 19-165 SHEET OF 7

DESIGNED BY: NW

THRUST BLOCKS SHALL BE CONSTRUCTED AT BENDS AND FITTINGS WHICH RESULT IN UNBALANCED LINE THRUST. CARE SHALL BE TAKEN NOT TO BLOCK OUTLETS OR TO COVER BOLTS, NUTS, CLAMPS OR OTHER FITTINGS OR TO MAKE THEM INACCESSIBLE. A BOND BREAKER SHALL BE PLACED BETWEEN THE FITTING AND THE THRUST BLOCK TO AID IN EASE OF FUTURE REMOVAL. THE VERTICAL SIDES OF THE CONCRETE THRUST BLOCKS SHALL BE FORMED TO ALLOW FOR SYMMETRICAL WHEN IT IS IMPOSSIBLE THROUGH OVER EXCAVATION OR OTHER CAUSES TO POUR A THRUST BLOCK AGAINST UNDISTURBED EARTH, HARNESS RODS SHALL BE REQUIRED TO ANCHOR THE FITTINGS TO THE MAIN UPON APPROVAL OF THE DEVELOPMENT ENGINEERING MANAGER. BACKFILL MAY BE PLACED OVER THE THRUST BLOCK ONCE THE SURFACE HAS SET SUFFICIENTLY TO RESIST THE WEIGHT OF THE BACKFILL. NO DRY KICKERS SHALL BE ALLOWED.





THRUST BLOCKS MUST BE CAST IN PLACE CONCRETE. 2. NO TAMPING OR COMPACTING SHALL BE ALLOWED ABOVE THRUST BLOCK FOR A MINIMUM OF TWENTY-FOUR (24) HOURS AFTER PLACEMENT.

3. CONCRETE MUST SET A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO THE PERFORMANCE OF A 4. HYDROSTATIC TEST BEARING SURFACE BASED ON BEARING STRENGTH OF 3000 P.S.F. AND MAIN PRESSURE OF 200 P.S.I. 5. FOR MAINS GREATER THAN 16" OR VERICAL THRUSTS, SHOW AREA REQUIREMENT ON STANDARD

BOND BREAKER TO BE MINIMUM OF 8 MIL. POLYETHYLENE PLASTIC.

EVISED: **APRIL 2010** DRAWING NO.

CITY OF THORNTON, COLORADO STANDARDS & SPECIFICATIONS

FIRE HYDRANT ASSEMBLY

VERTICAL CURB LOCATION TO VALVE BOX &

6" GATE VALVE & VALVE BOX

TRACER WIRE-

F.H. WILL VARY. VALVE BOX NOT TO BE IN

FLANGED OR SWIVEL JOINT CONNECTION (TYP.)

6" DUCTILE IRON PIPE WITH 8 MIL. POLYWRAP WITH

HYDRANT BASE HYDRANT DRAIN PIT WITH MIN. OF 13 CU. FT. OF $\frac{3}{4}$ " TO $1\frac{1}{2}$ "

1) MUELLER COMPANY 5-1/4 SUPER CENTURION

2) WATEROUS COMPANY (1) MODEL WB-250-PACER

MINIMUM DISTANCE FROM DRIVEWAYS SHALL BE SIX (6) FEET.

THREADS ON NOZZLES SHALL BE NATIONAL STANDARD.

ONLY TWO (2) HEIGHT EXTENSIONS MAY BE USED PER HYDRANT.

WASHED ROCK WITH 4 MIL. POLYETHYLENE COVER TO BE PLACED

FIRE HYDRANTS SHALL BE LIMITED TO THE FOLLOWING MANUFACTURERS ONLY:

HYDRANTS SHALL BE MADE OF CAST IRON WITH FULL BRONZE MOUNTINGS.

11/2) INCHES FROM POINT TO OPPOSITE FLAT AND SHALL OPEN CLOCKWISE.

HYDRANTS SHALL BE PLUMBED VERTICALLY WITH PUMPER NOZZLE FACING STREET.

SHOE AND BARREL SHALL BE CONNECTED WITH HIGH STRENGTH STAINLESS BOLTS AND NUTS

HYDRANTS SHALL CONFORM TO AND BE TESTED IN ACCORDANCE WITH AWWA SPECIFICATION C-502.

INLET SHALL FIT SIX (6) INCH PIPE WITH BARREL LENGTH SUFFICIENT FOR A FIVE (5) FOOT TRENCH.

MAIN VALVE OPENING IN THE HYDRANT SHALL BE NO LESS THAN FIVE (5) INCHES IN DIAMETER.

NO HORIZONTAL BENDS OR OFFSETS SHALL BE USED IN INSTALLING FIRE HYDRANT BRANCH MAINS.

FIRE HYDRANT ASSEMBLIES SHALL BE MEGALUGGED IN ACCORDANCE WITH SUBSECTION 204.1 (N)

HYDRANT BASES SHOULD NOT BE ANY DEEPER THAN SIX (6) FEET FROM THE TOP OF FINISHED GRADE.

HYDRANT SHALL HAVE A FIVE (5') FOOT CLEAR ZONE ON EACH SIDE OF HYDRANT (TEN (10') FOOT EASEMENT

OPERATING NUT & NOZZLE COVERS SHALL BE NATIONAL STANDARD PENTAGON MEASURING ONE AND ONE-HALF

NO WATER SERVICE MAIN TAPS SHALL BE MADE TO A DISTRIBUTION MAIN WITHIN FIVE (5) FEET OF A FIRE

EACH HYDRANT SHALL BE PAINTED WITH OSHA ENAMEL, SAFETY YELLOW, OR AN APPROVED EQUIVALENT.

MEGALUG JOINT RESTRAINTS BETWEEN VALVE AND

CURB SECTION

ALL AROUND F.H. BASE

1' MIN. FROM SIDEWALK-

FINISH GRADE -

12" MAX.

EVISED: **APRIL 2010** RAWING NO.

PROPERTY LINE

BREAKAWAY

18"(MIN

BLOCK-SHALL NOT

4

BLOCK DRAIN

THRUS1

5¼" PUMPER

CONNECTION

2½" HOSE

CONNECTION

-PULL BOX

TRACER

DRAIN HOLES

FITTING

SIDEWALK

5' MIN.

WATER METER LOCATION (TYP.)

- SEWER SERVICE

DOWNHILL SIDE

TYPICAL HOUSE SERVIC

NOTE: SAME TYPE CURB SERVICE MAY BE-

PROPERTY LINE

RUBBER ENCAPSULATED CAST IRON DISC

CAST IRON - ASTM A126 CLASS B

RUBBER - SBR- ASTM D2000

WITH 4' SEPARATION

WATER SERVICE-

PROPERTY LINE -

IN SAME TRENCH IN CUL-DE-SAC

PROPERTY LINE——

CITY OF THORNTON, COLORADO STANDARDS & SPECIFICATIONS

SERVICE DETAIL

TYPICAL HOUSE SERVICE CONNECTION IN

CUL-DE-SACS

APRIL 2010 DRAWING NO.

2IN SQUARE WRENCH NUT OR

D - DIA HANDWHEEL, OPEN LEF OR RIGHT AS REQUIRED

SEWER AND WATER SERVICES SHALL BE A MINIMUM OF TEN (10) FEET APART HORIZONTALLY. $\begin{tabular}{ll} \hline \end{tabular}$

SANITARY SEWER SERVICES SHALL BE CONSTRUCTED ON THE SHORTEST AND STRAIGHTEST ROUTE POSSIBLE. NO MORE THAN TWO

1/4 BENDS SHALL BE PERMITTED IN A SANITARY SEWER SERVICE.

SERVICES SHALL NOT BE ANY CLOSER THAN FIVE (5) FEET TO TH SIDE PROPERTY (EXCEPT ON CUL-DE-SACS), AND NO SERVICE MAY BE CONSTRUCTED THROUGH OR IN FRONT OF ANY ADJOINING

IF SERVICE IS REQUESTED FOR A LOT AT THE END OF A CUL—DE—SAC STREET, THE MAIN TO BE TAPPED MUST NOT BE MORE THAN TWENTY—FIVE (25) FEET FROM THE CURB LINE OR THE PROPOSED CURB LINE AT THE END OF THE CUL—DE—SAC. THE SERVICE PIPE BETWEEN THE MAIN AND THE PROPERTY LINE IN

CUL-DE-SACS SHALL BE IN A CONTINUOUS STRAIGHT LINE AND

(5) FEET FROM THE NEAREST LOT CORNER.

CHISELED OR SAWCUT, NOT PAINTED.

SHALL ENTER THE PROPERTY A DISTANCE OF TWO (2) FEET TO FIV

WATER SERVICE LOCATIONS SHALL BE MARKED WITH A "V" ON THOURB. SANITARY SEWER SERVICE LOCATIONS SHALL BE MARKED

WITH AN "X" ON THE CURB. MARKINGS SHALL BE NEATLY STAMPED

THAT PORTION OF THE SERVICE PIPE BETWEEN THE MAIN AND THE CURB STOP AND/OR METER WHEN INSTALLED MUST BE IN A CONTINUOUS STRAIGHT LINE, WITH NO JOINTS, EXCEPT REDUCTIONS

AND ENLARGEMENTS, AND PERPENDICULAR, IF POSSIBLE, TO THE LINE OF THE MAIN. SERVICES STUBBED INTO THE PROPERTY LINE SHALL BE OF SUFFICIENT LENGTH TO ALLOW DIRECT CONNECTION TO

THE MAIN TO BE TAPPED MUST EXTEND ALONG THE ENTIRE LENGTH OF THE FRONT LOT LINE OF THE PROPERTY TO BE SERVED.

EXCEPT AS HEREINAFTER PROVIDED, SERVICE PIPE SHALL NOT BE INSTALLED IN A TRENCH CONTAINING OTHER CONDUITS WHICH

LATERALLY FROM TRENCHES CONTAINING OTHER CONDUITS BY AT

- PROPERTY LINE

INSTALLATION

- WATER MAIN BLOW-OFF

SEWER SERVICE(TYP.)

- METER PIT LOCATION (TYP.)

— PROPERTY LINE

-PROPERTY LINE

CONVEY ANY SUBSTANCE OTHER THAN POTABLE WATER. THI TRENCH CONTAINING THE SERVICE PIPE SHALL BE SEPARATED

LEAST TEN (10) FEET OF UNDISTURBED COMPACTED EARTH.

TO PREVENT CORROSION, CAST IRON BODY, FULLY BRONZE MOUNTED WITH NON-RISING STEMS.

VALVES SIX (6) INCHES THROUGH TWELVE (12) INCHES SHALL BE 200 PSI.

FABRICATED FROM A HIGH STRENGTH, STAINLESS STEEL, OR AN APPROVED EQUAL.

FOR VALVE BOXES ALONG FIRE SPRINKLER LINES THE LID SHALL BE LABELED "FIRE

STANDARDS AND SPECIFICATIONS.

ENGINEERING MANAGER UPON REQUEST.

VALVE BOXES SHALL BE INSTALLED PLUMB.

SATISFACTION OF THE DEVELOPMENT ENGINEERING MANAGER.

FOR GREENBELT AREA APPLICATION, REFER TO DETAIL 200-7

VALVE BOXES

HYDRANT BRANCH MAIN.

FIRE HYDRANT ASSEMBLY DETAIL

VALVES SHALL BE MANUFACTURED AND TESTED IN ACCORDANCE WITH AWWA STANDARD C-500, "METAL-SEATED GATE VALVES FOR WATER", OR AWWA C-509

"RESILIENT-SEATED GATE VALVES, 3 THROUGH 12 NPS, FOR WATER AND SEWAGE SYSTEMS" WITH THE FOLLOWING ADDITIONAL REQUIREMENTS OR EXCEPTIONS

ALVES MEETING AWWA STANDARD C-500 SHALL BE OF A MODIFIED WEDGE DISC CONSTRUCTION, COATED BOTH INSIDE AND OUT WITH A TOUGH, DURABLE EPO

VALVE STEMS SHALL BE MADE OF BRONZE AND THREADED SO THAT VALVES SHALL OPEN BY TURNING TO THE LEFT (COUNTERCLOCKWISE). EACH VALVE SHALL BE FURNISHED WITH A TWO (2) INCH SQUARE OPERATING NUT. THE OPERATING NUT SHALL HAVE AN ARROW SHOWING THE DIRECTION OF OPENING AND THE WOR

"OPEN" CAST ON THE NUT. THE STEM SEAL SHALL CONSIST OF TWO (2) O-RINGS; ONE OR BOTH POSITIONED ABOVE THE THRUST COLLAR WITH THE VALVE UNDEF

BOLTS AND HEX NUTS USED ON THE BONNET OF THE VALVE SHALL BE THE MANUFACTURER'S STANDARD FABRICATED FROM A LOW ALLOY STEEL FOR CORROSION

THE COMPONENTS OF THE MECHANICAL JOINT SHALL CONFORM TO ANSI A-21.11 (AWWA STANDARD C-111). THE TEE-HEAD BOLTS AND HEXAGON NUTS SHALL BE

WEDGE DISC VALVES SHALL BE LIMITED TO THE FOLLOWING MANUFACTURERS OR APPROVED EQUIVALENT: WATEROUS SERIES-500, MUELLER-A-2360, KENSEAL CLOW R/N. RESILIENT-SEATED GATE VALVES SHALL BE LIMITED TO THE AMERICAN-80 "CRS" GATE VALVE OR THE U.S. PIPE "METROSEAL" GATE VALVE.

VALVES SHALL BE HANDLED IN SUCH A MANNER AS TO PREVENT ANY INJURY OR DAMAGE AND SHALL BE THOROUGHLY CLEANED BEFORE INSTALLATION. VALVES SHALL BE SET IN SUCH A MANNER THAT THE VALVE STEMS ARE PLUMB. VALVES SHALL BE LOCATED AT POINTS AS SPECIFIED IN SUBSECTION 203.8 OF THESE

VALVE BOX PARTS SHALL BE MANUFACTURED BY TYLER. SERIES 6860 OR AN APPROVED EQUIVALENT MANUFACTURER AND MADE OF GRAY CAST IRON, BUFFALC

TYPE WITH NO. 160 OVAL BASE. A FIVE AND ONE-QUARTER (5 1/4) INCH SCREW-TYPE SHAFT SHALL BE ADJUSTABLE FROM 45 INCHES TO 66 INCHES. VALVE BOX

LIDS SHALL BE MARKED WITH THE WORD "WATER" AND SHALL HAVE A LIP OR FLANGE EXTENDING INTO THE VALVE BOX SHAFT. NO SLIP-TYPE BOXES SHALL BE ALLOWED. THE VALVE BOX SHALL BE OF A DESIGN WHICH SHALL NOT TRANSMIT SHOCK OR STRESS TO THE VALVE AND SHALL BE CENTERED AND PLUMB OVER

THE OPERATING NUT OF THE VALVE WITH THE BOX COVER FLUSH WITH THE SURFACE OF THE PAVEMENT. IN NON-PAVED AREAS, A 24 INCH SQUARE CONCRETE COLLAR IS REQUIRED AROUND VALVE BOX COVER AS PER THE STANDARD DETAIL IN SECTION 200 OF THESE STANDARD SPECIFICATIONS. IN UNIMPROVED ROADWAYS THE VALVE BOX COVER SHALL BE SET SIX (6) INCHES BELOW FINAL GRADE WITH A MARKER POST INDICATING THE LOCATION AS PER THE STANDARD

COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE STANDARD(S) HEREIN SPECIFIED. A COPY OF THE CERTIFICATION SHALL BE SENT TO THE DEVELOPMEN

HE MANUFACTURER SHALL FURNISH A CERTIFIED STATEMENT THAT THE INSPECTION AND SPECIFIED TESTS HAVE BEEN MADE AND THE RESULTS THEREOF

VALVE BOXES WHICH HAVE SHIFTED DURING BACKFILL OPERATIONS AND ARE NO LONGER PLUMB, SHALL BE RE-EXCAVATED AND RE-ALIGNED TO THE

FLANGES SHALL BE SIZED AND DRILLED IN ACCORDANCE WITH ANSI B-16.1 CLASS 125 SPECIFICATIONS. FLANGES SHALL BE MACHINED IN A FLAT FACE OR

AFTER APPROVED FACTORY ASSEMBLY, EACH VALVE SHALL BE GIVEN THE OPERATION AND HYDROSTATIC TESTS IN ACCORDANCE WITH THE REFERENCED

THE MANUFACTURER SHALL FURNISH A CERTIFIED STATEMENT THAT THE INSPECTION AND SPECIFIED TESTS HAVE BEEN MADE AND THE RESULTS THEREOF COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE STANDARD(S) HEREIN SPECIFIED. A COPY OF THE CERTIFICATION SHALL BE SENT TO THE DEVELOPMENT

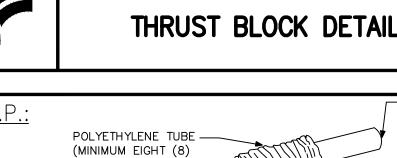
MACHINED TO A FLAT SURFACE WITH A SERRATED FINISH IN ACCORDANCE WITH AWWA STANDARD C-207 "STEEL PIPE FLANGES."

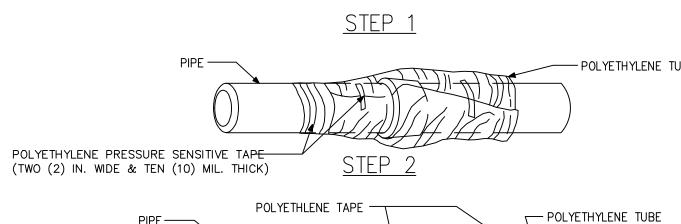
CORROSION PROTECTION SHALL BE COVERED IN SUBSECTION 204.2 OF THESE STANDARDS AND SPECIFICATIONS.

CORROSION PROTECTION SHALL BE COVERED IN SUBSECTION 204.2 OF THESE <u>STANDARDS AND SPECIFICATIONS</u>.

FINAL ELEVATION OF VALVE BOXES SHALL BE LEFT TO THE DISCRETION OF THE DEVELOPMENT ENGINEERING MANAGER.

VALVES SHALL BE SUITABLE FOR FREQUENT OPERATION, AS WELL AS SERVICE INVOLVING LONG PERIODS OF INACTIVITY. THE OPERATING PRESSURE FOR





NOTE: POLYETHYLENE ENCASEMENT MATERIAL SHALL BE MANUFACTURED IN ACCORDANCE WITH CURRENT ASTM STANDARD. THE RAW MATERIAL USED TO MANUFACTURE POLYETHYLENE FILM SHALL BE TYPE I,

STEP 3 — OVERLAP FIRST TUBE WITH ADJACENT TUBE AND SECURE WITH PLASTIC ADHESIVE TAPE THE POLYETHYLENE TUBE MATERIAL COVERING THE PIPE SHALL BE LOOSE. EXCESS MATERIAL SHALL BE NEATLY DRAWN UP AROUND THE PIPE BARREL, FOLDED ON TOP OF PIPE AND TAPED IN PLACE.

BITUMINOUS MATERIAL IS TO BE USED FOR CORROSION PROTECTION ON ALL STEEL PIPES.

PIPING OR AT THE SOLE DISCRETION OF THE DEVELOPMENT ENGINEERING MANAGER. OTHER MEANS OF CORROSION PROTECTION MUST BE SPECIFICALLY APPROVED BY THE DEVELOPMENT ENGINEERING MANAGER. THE RESPONSIBLE PARTY SHALL INCUR THE COSTS OF ALL SOIL TESTING AS REQUIRED.



EVISED: **APRIL 2010** RAWING NO.

GATE VALVE AND VALVE BOX

CITY OF THORNTON, COLORADO

REVISED: RAWING NO. 200-6B

CITY OF THORNTON, COLORADO STANDARDS & SPECIFICATIONS

GATE VALVE DETAIL

304 STAINLESS STE

304 STAINLESS STEEL

304 STAINLESS STEEL

304 STAINLESS STEE

CAST IRON

CAST IRON

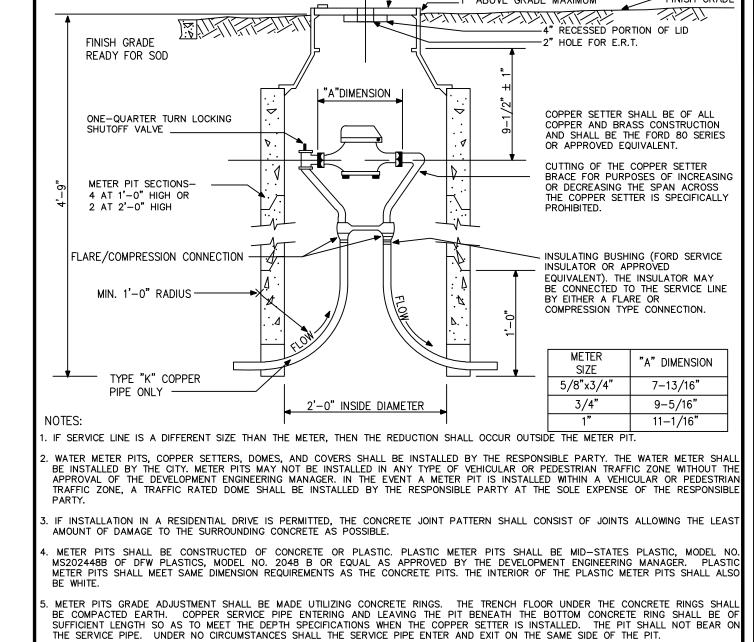
F594 GROUP 1

A193 GRADE B8

F594 GROUP 1

A126 C

DRAWING NO. 200-6A



6" TO 18" BEHIND ATTACHED SIDEWALK

CURB FOR DETACHED SIDEWALK

" TO 18" BEHIND BACK OF 🔟

METER DOME & COVER (ALUMINUM OR

 $_$ 1" ABOVE GRADE MAXIMUM

S. WATER METER PIT INSTALLATIONS SHALL NOT BE GIVEN FINAL INSPECTION OR THE WATER METER INSTALLED UNTIL FINAL GRADING HA BEEN COMPLETED. AFTER THE CITY HAS MADE THE FINAL INSPECTION, ANY NECESSARY GRADE ADJUSTMENTS TO THE PIT SHALL BE TH THE USE OF CONCRETE RISER RINGS FOR THE PURPOSE OF DOME HEIGHT ADJUSTMENT IS PERMITTED PROVIDED SPECIFICATIONS ARE ME AFTER THE INSTALLATION IS COMPLETED (FOR PLASTIC METER PITS RISERS SHOULD BE PER MANUFACTURER'S RECOMMENDATION). TH USE OF BROKEN RINGS OR WOOD SHIMS UNDER THE DOME IS SPECIFICALLY PROHIBITED. . GALVANIZED PIPE AND FITTINGS ARE SPECIFICALLY PROHIBITED.

. WATER SERVICE LOCATIONS SHALL BE MARKED WITH A "V" ON THE CURB. SANITARY SEWER SERVICE LOCATIONS SHALL BE MARKED WI AN "X" ON THE CURB. MARKINGS SHALL BE NEATLY STAMPED, CHISELED, OR SAWCUT, NOT PAINTED.



OUTSIDE OF THE PIT OR VAULT.

AND CLEARWATER TESTS.

STOP (ON COMMERCIALS) HAS BEEN INSTALLED.

BRONZE CORPORATION STOP

6" MIN. - 12" MAX.-

CAST BRONZE SADDLE -

DIAMETER -

DOUBLE SILICONE BRONZE STRAPS SHALL BE PERMITTED.

OR AN APPROVED EQUAL. TAPS SHALL BE MADE BY THE RESPONSIBLE PARTY.

STANDARDS & SPECIFICATIONS

SERVICE PIPE TWO (2) INCHES OR LESS IN DIAMETER SHALL BE CONNECTED TO THE MAIN BY MEANS OF A BRONZE CORPORATION

STOP OF THE SAME SIZE. NO UNDERGROUND JOINTS ARE PERMITTED IN THE COPPER SERVICE PIPE BETWEEN THE CORPORATION

ALL JOINTS MUST BE OF A SWEAT COPPER DESIGN. SOLDER USED IN CONNECTION OF THE JOINTS SHALL BE OF A LEAD CONTENT

CORPORATION STOPS SHALL BE AWWA TAPER THREAD TO COPPER CONNECTION OF PACK JOINT AND SHALL BE A FORD TYPE F600

NO TAPS SHALL BE MADE UNTIL AFTER THE SERVICE PIPE IS SET IN PLACE AND THE COPPER SETTER (ON RESIDENTIALS) OR CURB

UNDER NO CIRCUMSTANCES IS A WATER MAIN TO BE TAPPED DIRECTLY. ONLY SADDLES UTILIZING A CAST BRONZE CASTING WITH

WHEN TAPPING EXISTING ASBESTOS CEMENT PIPE, THE SIZE OF TAPS MUST BE ONE (1) PIPELINE SIZE SMALLER THAN THE SIZE OF

TAPS SHALL NOT BE MADE ON A WATER MAIN UNTIL THE MAIN HAS PASSED THE CHLORINE AND HYDROSTATIC PRESSURE TESTS

CARE SHALL BE TAKEN TO PROPERLY INSTALL WATER SERVICE SO THAT ENOUGH SLACK IS IN THE SERVICE TO PROTECT AGAINST

WATER MAINS SHALL BE TAPPED AT A 45 DEGREE ANGLE FROM THE HORIZONTAL CENTER LINE OF THE WATER MAIN ON THE SAME SIDE OF THE PIPE AS THE WATER METER.

TAPPING MAINS MAY REQUIRE DIGGING OUT BEDDING MATERIAL AND CUTTING OR REMOVING PART OF THE CORROSION PROTECTIVE WRAPPING. AFTER THE TAPS ARE MADE, THE WRAP SHALL BE REPAIRED OR REPLACED BY THE INSTALLING RESPONSIBLE PARTY IN SUCH A MANNER AS TO PROTECT BOTH THE PIPE AND THE MAIN.

SERVICE TAPS SHALL HAVE A MINIMUM SEPARATION OF TWENTY FOUR (24) INCHES AND BE NO CLOSER THAN TWENTY-FOUR (24) INCHES TO A COUPLING OR PIPE JOINT OR FITTING. NO MORE THAN FOUR (4) SERVICE TAPS SHALL BE PERMITTED ON ANY ONE (

ALL SERVICE PIPE MUST BE LAID AT LEAST FOUR AND ONE-HALF (4½) FEET BELOW THE ESTABLISHED GRADE OF THE STREET IN

WHICH THEY WILL BE LAID AND ALL OTHER PLACES AT LEAST FOUR AND ONE-HALF (41/2) FEET BELOW THE SURFACE OF THE

IF AFTER A SERVICE PIPE HAS BEEN INSTALLED, THE GRADE OF THE SURFACE OF THE GROUND IS LOWERED, THE SERVICE PIPE

WATER SERVICE LOCATIONS SHALL BE MARKED WITH A "V" ON THE CURB. SANITARY SEWER SERVICE LOCATIONS SHALL BE MARKED

3/4" THRU 2" SERVICE

CONNECTION DETAIL

CURB STOP AND/OR METER EXCEPT AT REDUCERS. OVERSIZING OF SERVICE LINES IS PERMITTED, AND SHOULD

CITY OF THORNTON, COLORADO

APRIL 1992 APRIL 2010 DRAWING NO. 200-16

TYPE:"K" COPPER (3/4" THRU 2")

WATER SERVICE LINE

SQUEEGEE BEDDING

EVISED:

APRIL 2010

200-14

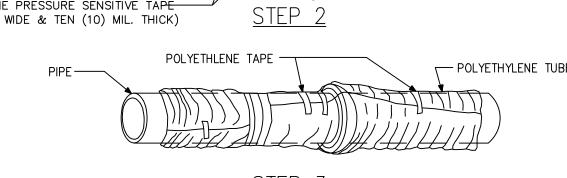
DRAWING NO.

NO HAND MIXED CONCRETE SHALL BE ALLOWED.

CITY OF THORNTON, COLORADO

STANDARDS & SPECIFICATIONS 200-11

(MINIMUM EIGHT (8) WALL THICKNESS)



CLASS A, GRADE E-1 IN ACCORDANCE WITH CURRENT ASTM STANDARD.

STEP 1 - PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING IT INTO TRENCH. STEP 2 - PULL THE TUBE OVER THE LENGTH OF THE PIPE. TAPE TUBE TO PIPE AT JOINT. FOLD MATERIAL AROUND THE ADJACENT SPIGOT END AND WRAP WITH TAPE TO HOLD THE PLASTIC TUBE IN

SOIL RESISTIVITY TESTS:

SOIL RESISTIVITY TESTS AND/OR ANY OTHER SOIL TESTS ARE REQUIRED WITH THE UTILIZATION OF METAL

CORROSION PROTECTION DETAIL

STANDARDS & SPECIFICATIONS

APRIL 2010

STUFFING BOX

STUFFING BOX BOLT

STUFFING BOX NUTS

BONNET BOLTS

16 BODY - FLANGE ENDS

19 BODY - SLIP-ON ENDS

BODY - FLANGE x MJ EN

BODY - FLANGE x SLIP-ON ENI

BONNET NUTS
BONNET GASKET (O-RING

REVISED:

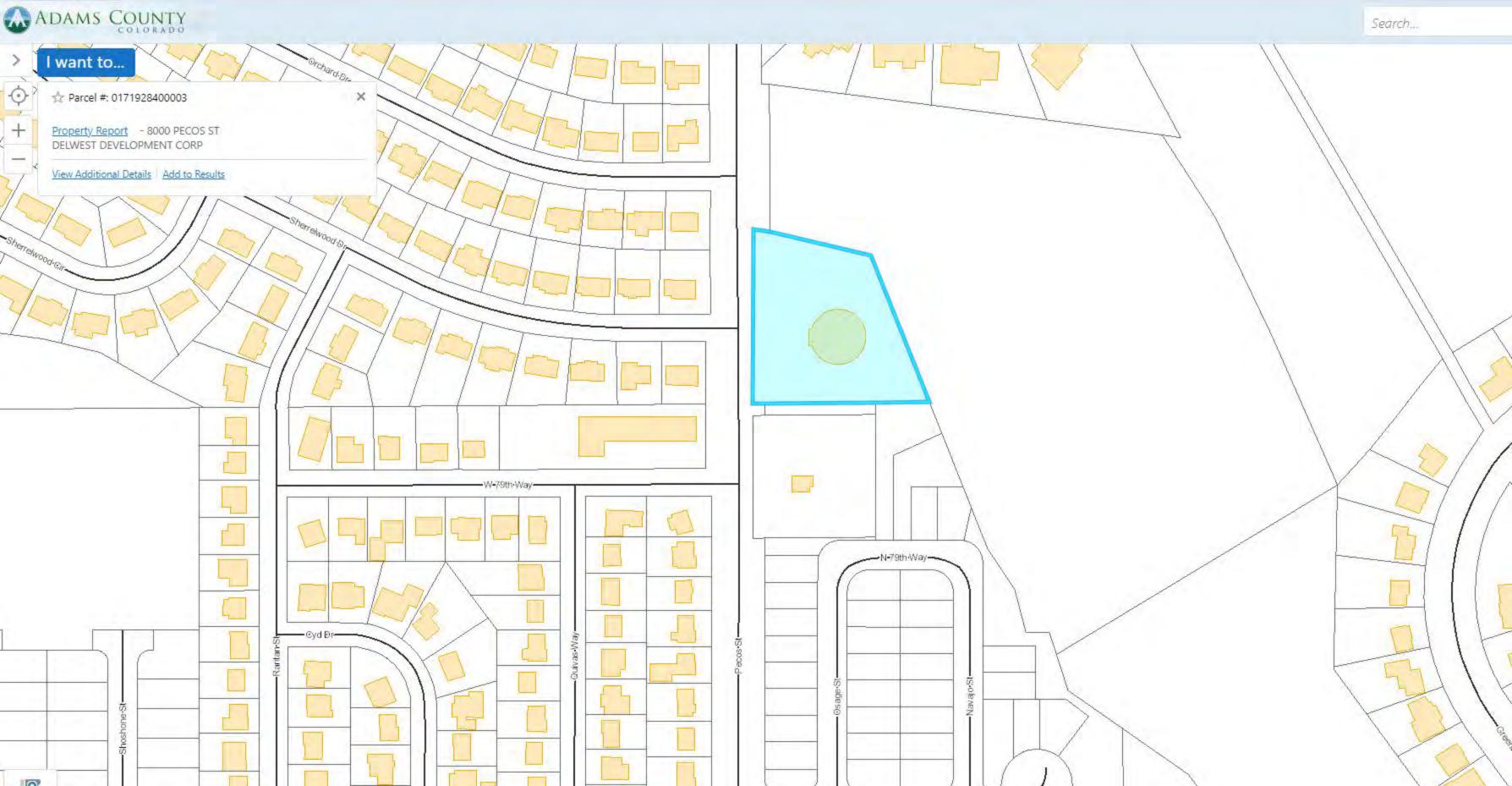
BEDDING MATERIAL SHALL BE SQUEEGEE NON-FRACTURED ROUNDED AND SHALL CONFORM TO THE FOLLOWING LIMITS WHEN TESTED BY MEANS OF LABORATORY SIEVES: SIEVE SIZE TOTAL % PASSING BY WEIGHT 3/8- INCH NO. 200 CITY OF THORNTON, COLORADO STANDARDS & SPECIFICATIONS

MUST BE LOWERED TO PROVIDE AT LEAST FOUR AND ONE-HALF (4½) FEET OF COVER.

WITH AN "X" ON THE CURB. MARKINGS SHALL BE NEATLY STAMPED, CHISELED, OR SAWCUT, NOT PAINTED.

NT

CITY OF THORNTON, COLORADO STANDARDS & SPECIFICATIONS



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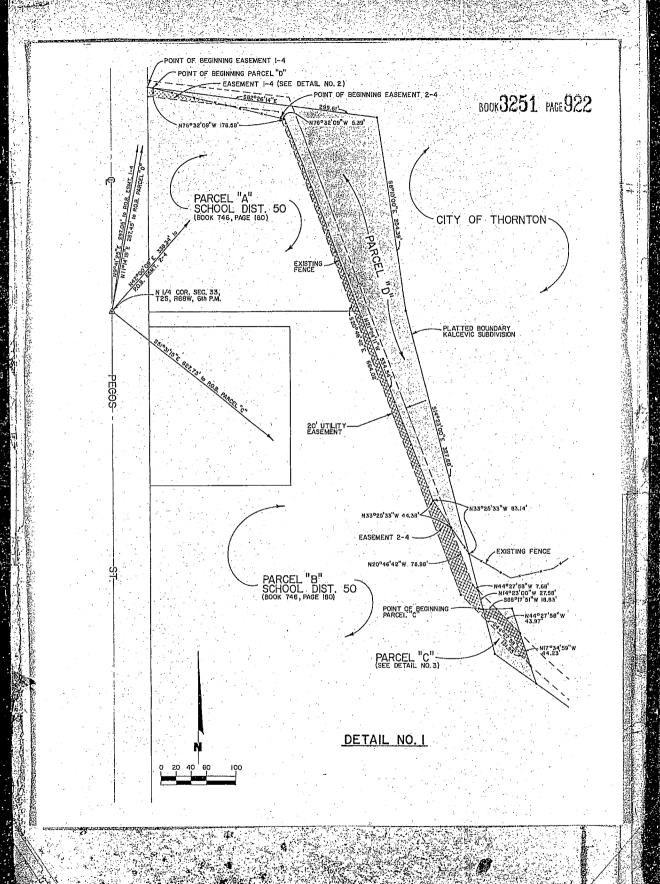
PARCEL C

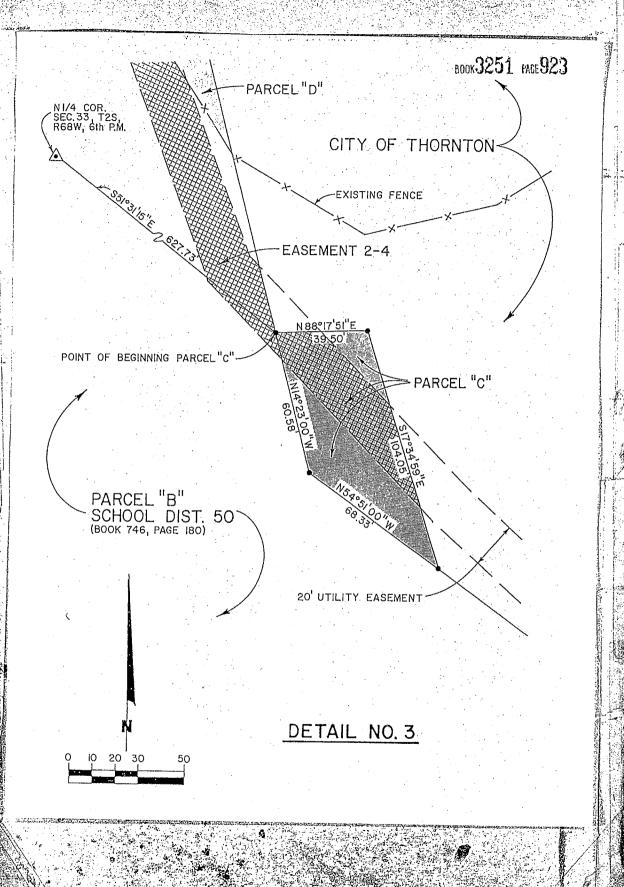
Beginning at the North one-quarter corner of Section 33, Township 2 South, Range 68 West, 6th Principal Meridan, Adams County, State of Colorado; thence South 51°31'15" East, a distance of 627.73 feet to a point, said point being the True Point of Beginning; thence the following courses and distances:

North 88°17'51" East, 39.50 feet; South 17°34'59" East, 104.05 feet; North 54°51'00" West, 68.33 feet; North 14°23'00" West, 60.58 feet to the True Point of Beginning.

The above parcel contains 0.076 acres more or less (3.319.97 square feet).

(The Bearings and Distances are derived from the Kalcevic Subdivision Plat as recorded August 23, 1984, County of Adams, State of Colorado, in File 16, Map Number 142, Reception Number B523787 and the attached Detail Maps Number 1 and 3).





777

PARCEL D

Beginning at the North one-quarter corner of Section 33, Township 2 South, Range 68 West, 6th Principal Meridian, Adams County, State of Colorado; thence North 11°14'19" East, a distance of 297.45 feet to a point, said point being the True Point of Beginning; thence the following courses and distances:

South 82°26'14" East, 299.61 feet; South 08°10'00" East, 254.39 feet; South 14°23'00" East, 327.68 feet; North 33°25'33" West, 83.14 feet; North 21°24'11" West, 534.54 feet; North 76°32'09" West, 178.58 feet to the True Point of Beginning.

The above parcel contains 0.875 acres more or less (38,093.28 square feet).

(The Bearings and Distances are derived from the Kalcevic Subdivision Plat as recorded August 23, 1984, County of Adams, State of Colorado, in File 16, Map Number 142, Reception Number B523787 and the attached Detail Map Number 1).

EASEMENT 1-4

Beginning at the North one-quarter corner of Section 33, Township 2 South, Range 68 West, 6th Principal Meridian, Adams County, State of Colorado; thence North 9°41'25" East, a distance of 297.05 feet to a point, said point being the True Point of Beginning; thence the following courses and distances:

South 82°26'14" East, 8.04 feet; South 76°32'09" East, 98.36 feet; North 83°17'55" West, 104.34 feet;

North 00°00'01" East, 11.78 feet to the True Point of Beginning.

The above easement contains 0.015 acres more or less $(651.27 \ \text{square feet})$.

(The Bearings and Distances are derived from the Kalcevic Subdivision Plat as recorded August 23, 1984, County of Adams, State of Colorado, in File 16, Map Number 142, Reception Number B523787 and the attached Detail Maps Number 1 and 2).

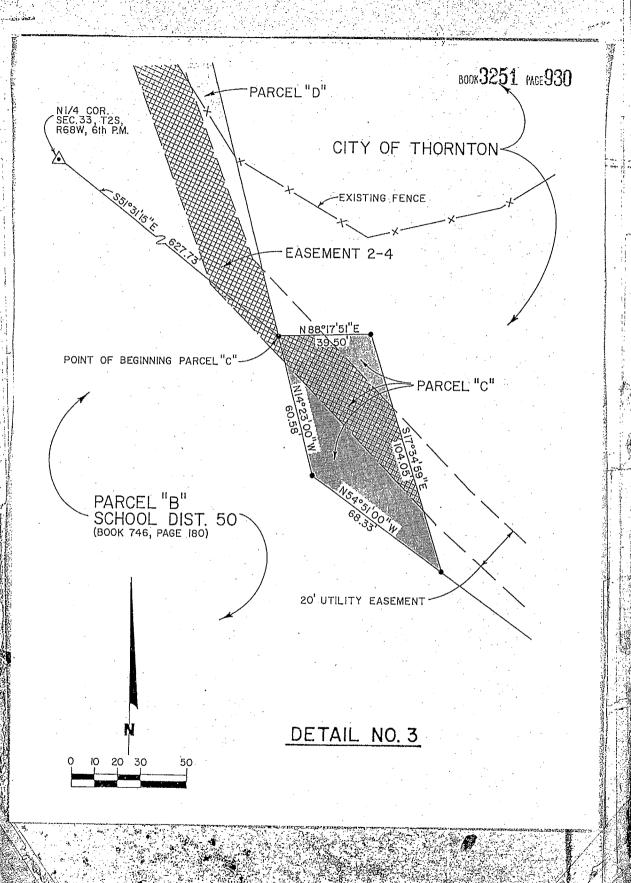
EASEMENT 2-4

Beginning at the North one-quarter corner of Section 33, Township 2 South, Range 68 West, 6th Principal Meridian, Adams County, State of Colorado; thence North 42°00'09" East, a distance of 338.34 feet to a point, said point being the True Point of Beginning; thence the following courses and distances:

```
South 20°46'42" East, 664.02 feet;
South 44°27'58" East, 131.95 feet;
North 17°34'59" West, 44.23 feet;
North 44°27'58" West,
                      43.97 feet;
South 88°17'51" West, 18.83 feet;
North 14°23'00" West, 27.58 feet;
North 44°27'58" West,
                       7.68 feet;
North 20°46'42" West,
                      78.98 feet;
North 33°25'33" West,
                      44.38 feet;
North 21°24'11" West, 534.54 feet;
                        5.39 feet to the True Point of Beginning.
North 76°32'09" West,
```

The above easement contains 0.188 acres more or less (8,171.00 square feet).

(The Bearings and Distances are derived from the Kalcevic Subdivision Plat as recorded August 23, 1984, County of Adams, State of Colorado, in File 16, Map Number 142, Reception Number B523787 and the attached Detail Map Number 1).



Project No.	的是一张"我们 "	
产工具体技术等数据数		•
Parcel No.		

EXCLUSIVE EASEMENT FOR PIPELINE

KNOW ALL MEN BY THESE PRESENTS:

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/m	-1-1	4-1 7/22	d	a anai	ns County	COLUC	лт пто		*U • /: JU
	 nat	the un	dersigne	u					

(hereinafter referred to as "Grantor"), in consideration of the sum of \$5.00, receipt of which is hereby acknowledged, and of further agreements and considerations herein stated does hereby grant to the City of Thornton, acting by and through its Utilities Board, a Municipal corporation of the State of Colorado (hereinafter referred to as "Grantee"), its successors and assigns, the permanent right to enter, reenter, occupy and use the hereinafter described property to construct, maintain, repair, replace, remove, enlarge, and operate one or more pipelines and all underground and surface appurtenances thereto, together with a temporary construction easement during the period of construction of such pipelines in, over, under, through, and across the real property described on Exhibit "A", attached hereto and incorporated herein by reference. The easement hereby granted includes the right of necessary use of the surface and subsurface of such land for the construction, laying, maintenance, repair, removal, and replacement of such pipelines.

- 2. Grantee shall have and exercise the right of ingress and egress into, over, through, and across the above described property for any purpose needful for the full enjoyment of any other right of occupancy or use provided for herein.
- 3. Grantor shall not construct or place any structure or building, street light, power pole, yard light, or plant any shrub, trees, wooden plant or nursery stock in any part of the above described right of way. Any structure, building, street light, power pole, yard light, shrub, tree, wooden plant or nursery stock situated on the above-described right of way as of the date of this Agreement, except the existing baseball backstop, may be removed by the Grantee without liability for damages arising therefrom. If Grantee must remove or damage such baseball backstop Grantee agrees to replace it at Grantee's sole expense.
- 4. Existing fencing disturbed or destroyed by the Grantee in constructing the facilities contemplated hereby shall be replaced

by Grantee to its original condition as near as may be, however Grantor shall not construct new fencing across or within the right of way herein described without the prior written approval of the Grantee.

- 5. Grantee shall have and exercise the right of subjacent and lateral support to whatever extent is necessary or desirable for the full, complete and unmolested enjoyment of the rights hereinabove described. The Grantor shall take no action which would impair the earth cover over, or the lateral or subjacent support for any pipeline or lines and appurtenances within the right of way without obtaining the specific written permission of the Grantee. Any modification undertaken by the Grantor would be upon terms which would provide for reimbursement to the Grantee of the cost of any alterations to any pipeline facility made necessary by the change. In the event the terms of this paragraph are violated by the Grantor or by any person in privy with him or her, such violation shall be corrected and eliminated immediately upon receipt of notice from Grantee and in the alternative Grantee shall have right to correct and eliminate such violation, and the Grantor, his or her heirs, administrators, successors, and assigns, shall promptly pay the actual cost thereof.
- 6. Grantor retains the right to undisturbed use and occupancy of the subject property insofar as such use and occupancy is consistent with and does not impair any grant herein contained and except as otherwise herein provided.
- 7. In case the Grantee shall abandon its rights herein and cease to use the right of way herein described, all right, title and interest of the Grantee shall cease and terminate and all rights of the Grantee so abandoned shall cease and terminate and the Grantor shall hold the premises as the same may then be free from the rights so abandoned but nothing herein shall be construed as working a forfeiture or abandonment if any interest described hereunder is owned by Grantee at the time of abandonment of Grantee's rights.
- 8. After construction of any pipeline, the general surface of the ground, except as necessarily modified to accommodate appurtenances shall be restored as near as may reasonably be, to the graded condition it was in immediately prior to construction. Top soil shall be replaced in cultivated and agricultural areas and excess earth resulting from installations by the Grantee shall be removed from the right of way at the sole expense of Grantee.

9. Grantor warrants that he has full and lawful authority to make the grant herein above contained, and promises and agrees to defend that Grantee in the exercise of its rights hereunder against any defect and Grantor's title to the land involved or Grantor's right to make the grant hereinabove contained.

Each and every one of the benefits and burdens of this agreement shall inure to and be binding upon the respective legal representatives, heirs, executors, administrators, successors, and assigns of the parties hereto.

(SIGNATURES CONTINUED ON NEXT PAGE)

My Commission Expires:

CITY OF THORNTON, acting by and through its Utilities Board

ATTEST:

Kanın Wirft

APPROVED AS TO FORM:

STATE OF COLORADO COUNTY OF ADAMS

The within and foregoing instrument was acknowledged before me by Legensed Boulas, this 1/46 day of Lept. 1986.

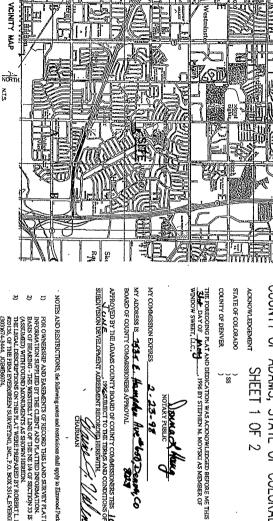
Poverna Actallo
Notary Public
commission expires: 9-20-89 9500 Civic Center Dr.
Lharnton, CO 80229

PART OF THE 1/2

OF THE NW 1/4, OF THE NE 1/4, COUNTY OF ADAMS, STATE OF COLORADO SECTION 33, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE 6TH P.M., F17-537 1/2 STATE OF COLORADO ÄRK

SHEET 1 OF 2

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CERTIFICATION OF DEDICATION AND OWNERSHIP

SOUTH, RANGE 68 WEST OF THE STREET, PARTICULARLY DESCRIBED AS FOLLOWS: NOW ALL MEN BY THESE PRESENTS THAT WINDOW SWEET, ILC BING THE OWNER, OF THAT PART OF THE INVENTION FILEN IET (OF SECTION 3, TOWNSHIP 2 OUTH, RANGE 88 WEST OF THE GITTEM, COUNTY OF ADAMS, STATE OF COLDRADO, SEING MORE

COMMENCINIA, IT THE CENTER. UA CORRING WE SALD SECTION 33, THENCEN OF WOW OF A LADN THE WEST TREAT Y LIBEOUS CAND MORTHESE THE A, LOSS TANCE OF 11364 THE TO THE CONTER MORTH. URGHE CORRESS OF SALD SECTION 33, THENCE OF 30, THE TO THE CONTER MORTH. OF THE MORTH OF THE MORTH OF THE CONTER MORE OF A LOSS THE CONTER MORE OF THE MORTH OF THE MORT BEGINNING, SAID DESCRIBED TRACTO CONTAINING TAYAN SQUARE BERT (TO HER DRING OF BEGINNING, SAID DESCRIBED TRACTO CONTAINING TAYAN SQUARE BERT (LOS ACRESTED TRACTO CONTAINING TAYAN SQUARE BERT (LOS ACRESTED TRACTO CONTAINING TAYAN SQUARE BERT (LOS ACRESTED TRACTO CONTAINING THE ARROWS ON THE PROPERTY AND CHEEK SAID ARROWS ON THE LAB DAYAN STATE OF COLORADO, FOR PRIECE USE ALL STREETS, AND CHEEK SAID ARROWS AND ARROWS AND ARROWS AND THE ARROWS ON THE ARROWS THE HOSE OF THE SAID ARROWS AND ARRO



EVERGREEN SURVEYING AND ENGINEERING INC.

se ma 35/1 28245 HWY, 74 PO BOX 3514 EVEERGREEN CO. 80439 (303)-674-3444 E 8/15/95 JOHN B 15/07/4 ACAD ONG PECOS 2 OCCURED BY TOT, FOST

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EXECUTED THIS SIX DAY OF MAN NANCE, AND LIZED IN A RESPONSIBLE



COUNTY CLERK AND RECORDER

2.23-98 NOTARY PUBLIC

MY ADDRESS IS 1434 E. Hamphy hve 650 Deavy, Co BOARD OF COUNTY COMMISSIONERS APPROVAL

APPROVED BY THE ADMAS COUNTY BOARD OF COUNTY COMMISSIONERS THIS 10 DAY OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT RESPONDED HERRITHM 1 MILE THAT WAS AND CONDITIONS OF THE SUBDIVISION DEVELOPMENT AGREEMENT.

NOTES AND RESTRICTIONS, the following notes and restrictions shall apply to Elmwood Park;

FOR OWNERSHE AND EASEMENTS OF RECORD THIS LAND SURVEY PLAT RELIED UPON INFORMATION SUPPLIED BY THE CLEEN AND PLATED INFORMATION, BASIN OF BEARING - THE WESTERLY LURIE OF THE RE 14 OF SECTION 31 IS NO "CORD'E (ASSUMED) WITH FOUND MONUMENTS AS SHOWN HEREON.

L DESCRIPTIONS ON THIS PLAT WERE PRIPARED BY ROBERT L. PEROLDI, PLS-THE FIRM EVERGREEN SURVEYING, INC., P.O. BOX 3514, EVERGREEN, CO., 80439,

ANY PERSON WHO KNOWINGLY REMOVES, ALTERS OR DEFACES ANY PUBLIC LAND SURVEY MONUMENT OR LAND BOUNDARY MONUMENT, OR ACCESSORY, COMMIS

CLASS TWO/DIMENDEMENTOR PRESIDENT TO STATE STATUTE 184-498 CES.
NOTICE: ACCORDING TO COLURADO, LAW TOU MISST COMMENSE ANY LEGAL ACTION
BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THESE TRANS AFERS YOUTEST.
DISCONES SUCI DEFECT, IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN
THIS SURVEY ER COMMENCED MARE THAN TENY PRANS FROM THE DATE OF THE
THIS SURVEY THE COMMENCED MARE THAN TENY PRANS FROM THE DATE OF THE

WAN HEREON. WE AS PREVIOUSLY DEEDED OR SURVEYED. OR OFFSET COUNTES ALE TO BE SET BY A COLORADO PROFESSIONAL RIOR TO INDIVIDUAL LOT SALES.

AND DRAINAGE EASEMENT IS RESERVED ALONG ALL AR LOT LINES ADJOINING THE SUBDIVISION BOUNDARY. NAGE EASEMENT IS RESERVED ALONG ALL SIDE AND REAR LOT

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LIMES EXCEPT.AS NOTED.

A 6 GAS, UTILITY AND DEALINGGE EASEMENT IN RESERVED ALONG ALL FRONT LOT LINES.

NO FRINCES OR OTHER STRUCTURES ARE TO BE LOCACIED WITHIN THE VIEW

TRANSALES AT BOTH RITERSECTIONS OF ELAWOOD LANE.

DEVELOPMENT OF THE PROPERTY SMALL BE SENDED TO THE DESIGN REVIEW CRITERA

SET FORTH IN SECTION 1332 OF THE ZONING REGULATIONS.

ALL LOTS OF THIS SUBDIVISION WILL BE ACCESSED FROM THE PROPOSED WEST 78TH

CIRCLE AND NO DIRECT ACCESS WILL BE ALLOWED TO ELAWDOOD LANE.

SURVEYOR'S CERTIFICATE

THAT THAT THE STATE THE STATE THAT THE STATE AND STREET THE STATE THAT STATE AND STATE THAT STATE AND STAT



THIS PLAT AND DEDICATION WAS FILED FOR RECORD IN THE OFFICE OF THE ADAMS COUNTY CLERK AND RECORDER, IN THE STATE OF COLORADO, ATCLOS WALON THE THE DAY OF

CEKTIFICATE OF THE CLERK AND RECORDER

BY: Andy I raylises MAP NO. 531

PLANNING COMMISSION APPROVAL

te: 17 map: 53

62# DAY OF

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	LOT 47 DETENTION	LOT 45	LOT44	LOT 43	LOT 42	LOT 41	LOT 40	10139	LOT 38	LOT37	LOT 36	LOT 35	10134	LOT 33	LOT 32	10131	1OT 30	LOT 29	10128	TOI 27	LOT 26	10125
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F17-537 2/2

KALCEVIC SUBDIVISION

A PART OF THE SE 1/4 OF SECTION 28, T2S, R68W AND OF THE NE 1/4 OF SECTION 33, T2S, R68W OF THE 6th PM., ADAMS COUNTY, COLORADO.

LEGAL DESCRIPTION

A utility easement for the purpose of operating, maintaining, controlling, repairing, and replacing an eight inch water line with all fixtures, devices and appurterances used or useful in the operation of said water line being more particularly described as follows:

(Bearings being based on a line between the south one-quatter corner (4" rebar in asphair) and a point, on the north/south centerline of Section 28 (4" rebar in asphair) as lying NO OT OT 2, \$49.00 feet.)

Beginning at a point on the northerly right of way line of Elmood lane whence the north one-quarter corner of Section 33, Toomship 2 South, Range 68 West of the 6th Principal Meridian hears 846 57) 1974, 1954.10 feet; thence along said northerly right of way line the following two courses: along a curve to the left having a central angle of 302141, a radius of 115.49 feet, an arc length 62.52 feet and of which the chord hears 855 16 4074, 62.51 feet; thence 856 68 100745, 22.00 feet to the point of way line 562 05 0574, 204.77 feet; thence S56 18 10075, 28.00 feet to the point of beginning.

LEGAL DESCRIPTION

A twenty-foot wide utility easement for the purpose of operating, maintaining, controlling, repairing and replacing a sixeeen inch water line with all fixeum devices and appurenances used or useful in the operation of said water line being more particularly described as follows:

(Searing) being based on a line between the south one-quarter corner (the rebar in asphalt) and a point, on the morth/south centerline of Section 28 (the tebar in asphalt) as lying NO 00 000 E, 549.00 feet.)

Beginning at a point on the northerly right of way line of Elemond Lane whence the north one-quarter corner of Seccion 33, Tomnship 2 South, Eange 68 West of the oth Frincipal Boridian bears MNS 22150°W, 1605.12 feet; thence along said northerly right of way, along a curve to the right having a central angle of 0.550.43°, a radius of 123.00°, an arc length of 20.02 feet and of which the chord bears MNS 5610°FE, 20.02 feet; thence NNS 0000°WF, 119.16 feet; thence SNS 05157WF, 10.32 feet; thence NNS 02.27°WF, 116.25 feet; thence SNS 05157WF, 10.32 feet; thence NNS 03150°WF, 10.94 feet; thence SNS 05157WF, 10.52 feet; thence NNS 05157WF, 10.52 feet; thence NNS 05157WF, 10.52 feet; thence SNS 05157WF, 10.52 feet; thence NNS 05157WF, 10.52 feet; thence SNS 05157WF, 10.52 feet; thence SNS 0515WF, 92.11 feet; thence SNS 05100°WF. 99.66 feet to the point of beginning.

LEGAL DESCRIPTION

A twenty foot wide utility easement for the purpose of operating, maintaining, controlling, repairing and replacing an eighteen inch stoom sewer line with all fixtures, devices and appuremences used or useful in the operation of said water line the centerline of which is described as follows:

[Gearings being based on a line between the south one-quarter corner (4" rebar in asphall) and a point on the north/south centerline of Section 38 (4" rebar in asphall) as lying NO 00'00'E, 549.00 feed.

Regimning at a point on the portherly right of way line of Elmoood Lane whence the north one-quarter corner of Section 33, Township 2 South, Range 68 West of the 6th Frincipal Meridjan bears NSZ 580/m, 182.83 feet; theme N36 00 00 m, 182.83 feet; thence N36 01 27 m, 160.68 feet; thence N36 59 30 m, 13.70 feet to the point of termination, the exterior easement lines being either shortened or lengthened to adjoin the Elmoood Lane right of way line or the existing property

CERTIFICATE OF THE CLERK AND RECORDER

This plat was filed for record in the office of the Adams County Clerk and Recorder. In the State of Colorado at 3:30 Lt., on the 323 days of Ottagana's A. D. 13 84



Legal Description: Parcel A

[Bearings being based on a line between the south one-quarter corner (%) rebar in asphalt) and a point on the north/south centerline of Section 28 (%) rebar in asphalt) as lying NO OO OOTE 549.00 feet.)

Beginning at a point on the northerly right of way like of Elmood Jane whence the north one-quester course of Section 33, 72s, 8869 of the 6th 2 M., Adams Omnty, Colorado bears 1845-88 2009; 1531.12 feet; theree, along said northerly right of way like of Elmood Jane 1851.10 feet; theree, along said northerly again of a control again of a course to the left have go central again of a course of the 1875-89 2009; 1875-89

Legal Description: Parcel B

(Parring) being based on a line between the south one-quarter corner (Ar rebar in asphalt) and a point on the north/south centerline of Section 28 (Ar rebar in asphalt) as 171m NO CO'COTE, 549.00 feet.)

Segimning at a point whence the north one-quarter corner of Secition 33, 725, 886W of the 6th P. M. bears 802/56/12W, 50,44 feet and 50 COVOUNG, 549.00 feet; thence 532/29/00W, 549.00 feet; thence 532/29/00W, 549.00 feet; thence 532/29/00W, 521.21 feet; thence 532/29/00W, 107.20 feet; thence 532/29/00W, 107.20 feet; thence 523/29/00W, 107.20 feet; thence 525/20/20W, 107.20 feet;

PLANNING COMMISSION APPROVAL

Approved by the Adams County Planning Commission this A. D. 19 \mathbb{Z}_{+}^{H} . day of June

Adams County Board of County Commissioners this Ambay of

Tile. 16-MAP-142

KNOW ALL MEN by these presents that the undersigned, being the sole owner of that property described as follows:

(Bearing being based on a line between the south one-quarter corner (A' robat in asphalt) and a point on the morth/south centerline of Section 28 (A' rebar in asphalt) as lying NO '00' 00'%, 549.00 feet).

COUNTY OF ADAMS) SS

Attesti spires: Man 1.00 MZ7



UTILITIES DEPARTMENT CITY OF THORNTON

KALCEVIC SUBDIVISION

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OD NO.	HORZ:	HORZ:



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CASE NO. 103-91-AP

KALCEVIC SUBDIVISION AMENDED

A PART OF THE SE 1/4 OF SECTION 28, T2S, R68W, AND THE NE 1/4 OF SECTION 33, T2S, R68W, OF THE 6TH P.M., ADAMS COUNTY, STATE OF COLORADO SHEET 1 OF 3

Certification of Dedication and Ownership

Know all men by these presents that the City of Thornton, a municipality, being the owner of that part of the Kaleevic Subdivision, as it is recorded in File 16 May 142 at the Adams County Clerk and Recorder's Office, located in the southeast 1/4 of Section 28 and the northeast 1/4 of Section 33 Township 2 South, Range 68 West of the Sukth Principal Merdian, Adams County, State of Colorado, said parcel being more particularly described as follows:

Commencing at the south 1/4 corner of said Section 28; thence, coincident with the north/south center line of said Section 28, North 07 07 07 Cest a distance of 5430 feet to the cast right-or-way line of Pecos Street and the south line of a parcel recorded in Book 2278 at Page 338 at said office, said point being the Polit of Beginning: thence, coincident with said south line, South 82° 26' 14" East a distance of 517.26 feet to a point on the west line of the third a filting of Sherrelwood Estates as recorded in File 10 as Map 335 at

coincident with said west line, the following courses and

or rage szi at said orffice;
thence, coincident with said east line, North 17" 34" 59" West a distance of 104.05 feet to the north line of said porcei;
thence, coincident with said north line, South 88" 17" 51" West a distance of 33.50 feet to the east line of said parcel described in Book 746 at Page 180.

thence, coincident with said east line of a parcel recorded in the said parcel secreted in Book 3251 at Page 928 at said office;
thence, coincident with said east line of a parcel described in Book 3254 at Page 139 at said office, the line, coincident with said west line and the east line of a parcel described in Book 3254 at Page 139 at said office, the following sources and distances:
following sources of distances:
following sources of 33" West a distance of 534.54 feet;
North 75" 32" 09" West a distance of 175.49 feet to said east right-of-way line of paces Street;
thence, coincident with salf-east right-of-way line, North 00"
00" Cest a distance of 2243.77 feet to the south line of said parcel described in Book-2278 at Page 338, said point being the PCINT OF BEGINNING, containing 18.43 acres more or less;

countries:

South 32' 39' 00' East a distance of 157.28 feet;
South 25' 18' 00' East a distance of 251.21 feet;
South 25' 30' 32' East a distance of 251.55 feet;
South 01' 25' 00' West a distance of 251.55 feet;
South 01' 25' 00' West a distance of 351.20 feet;
South 01' 25' 00' West a distance of 351.20 feet;
The south of 25' 00' West a distance of 552.13 feet to the north right-of-way line, along a curve to the left horing a radius of 1255.00 feet, through a central angle of 02' 38' 34' on arc distance of 56.96 feet, whose chord bears South 55' 04' 40' West a chord distance of 56.96 feet, whose chord bears South 55' 04' 40' West a chord distance of 58.96 feet to a point of tangency.

15' 22' West a distance of 140.10 feet;
thence, coincident with said north right-of-way line, along a curve to the right horing a radius of 1175.49 feet, through a central angle of 05' 25' 30' arc distance of 103.56 feet, whose chord bears South 55' 16' 53'' West a chord distance of 103.56 feet to the east line of a parcel recorded in Book 746 of Page 180 at said office, North 36' 24' 37' West a distance of 48.71' feet; the said line of a parcel recorded in Book 746 of Page 180 at said office, North 36' 25' 00' West a distance of 24.71' set to the east line of a parcel recorded in Book 746 of Page 180 at said office, North 36' 26' 37' West a distance of 28.71' feet to the east line of a parcel recorded in Book 746 of Page 181' and said east line, North 17' 34' 59' West a thereo, coincident with said east line, North 17' 34' 59' West a My address is: My commission expires State of Colorado)



KERRY A PERKINS PLS 24965 Acting City Surveyor For and on behalf of the City of Thornton Date / Warand 1/ Job No. 891000

C.R.S. SURVEYOR'S NOTICE
S. Section 13-80-105

NOTIGE: According to Colorado law, any legal action based upon any defect in this survey must be commenced within three years offer discovering such defect. In no event may any action based upon any action this survey be commenced more than ten years from the actie of certification shown hereon.

of Thamton (Uwner) ; Ethredge (City Manager)

Acknowledgement

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City of Thornton)
The foregoing plot and dedication was acknowledged before me this 5 m day of Mulander 19.9L by Jack Ethieshee this 5 m day of Mulander 19.9L by Jack Ethieshee

Planning Commission Approval:
Approved by the Adams County Planning Commission this 1071 day of Coctast S. 1971.

The following notes and restrictions shall apply to Kolcevic Subdivision Amended:

Notes and Restrictions

VICINITY MAP SCALE: 1"= 2000"

Samely J. Mein

9500 Civio Ct. Dr. July 29 1995

SURVEYOR'S CERTIFICATE

Mess

I, Kerry A. Perkins, a licensed professional Land Surveyor in the State of Colorado, do hereby state that the survey of this plat was made under my direct supervision and that the accompanying plat accurately and properly shows said subdivision in conformance with ITIE 38, Article 51 of the Colorado Revised Statutes as amended.



Clerk and Recorder's Certificate

Suga Pakin

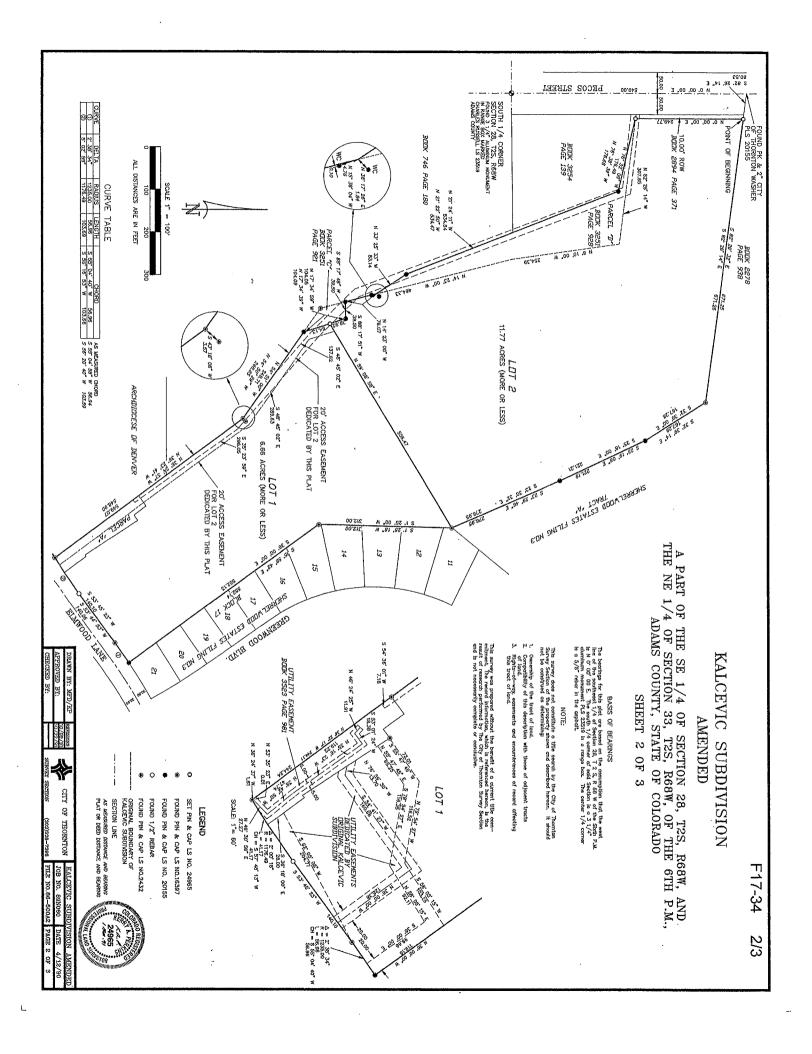
This plat and dedication was filed for record in the office of the Adams County Clerk and Recorder, in the State of Colorado, at 8:00 A.M. on the 6 day of 2000. County Clerk and Recorder

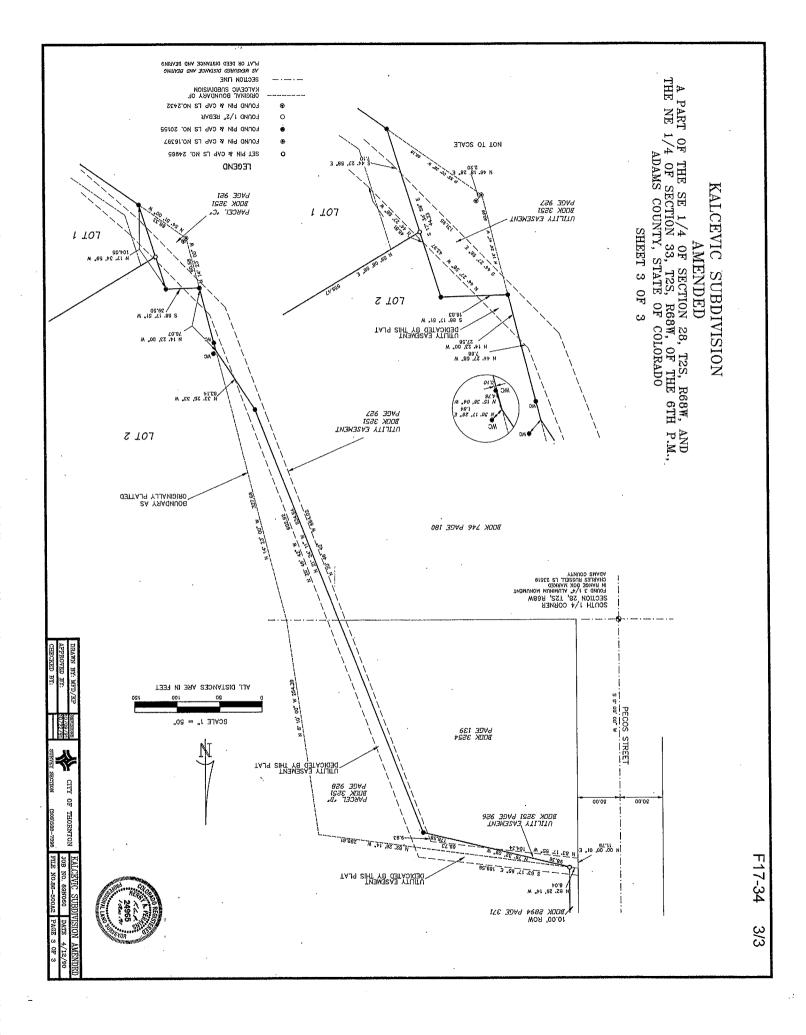
By Cenis & Ressers File No.

Reception No. B1041161 Map No.

34

CITY OF THORNTON





CASE NO. 103-91-AP

KALCEVIC SUBDIVISION AMENDED

A PART OF THE SE 1/4 OF SECTION 28, T2S, R68W, AND THE NE 1/4 OF SECTION 33, T2S, R68W, OF THE 6TH P.M., ADAMS COUNTY, STATE OF COLORADO

SHEET 1 OF 3

Certification of Dedication and Ownership

Know all men by these presents that the City of Thornton, a municipality, being the owner of that part of the Kalcevic Subdivision, as it is recorded in File 16 Map 142 at the Adams County Clerk and Recorder's Office, located in the southeast 1/4 of Section 28 and the northeast 1/4 of Section 33 Township 2 South, Range 68 West of the Sixth Principal Meridian, Adams County, State of Colorado, said parcel being more particularly described as follows:

Commencing at the south 1/4 corner of said Section 28; thence, coincident with the north/south center line of said Section 28, North 00° 00' 00" East a distance of 549.00 feet; thence South 82° 26' 14" East a distance of 60.53 feet to the east right—of—way line of Pecos Street and the south line of a parcel recorded in Book 2278 at Page 938 at said office, said point being the Point of Beginning;

thence, coincident with said south line, South 82° 26' 14" East a distance of 671.26 feet to a point on the west line of the third filing of Sherrelwood Estates as recorded in File 10 as Map 335 at said office;

thence, coincident with said west line, the following courses and distances:

South 32° 39' 00" East a distance of 167.28 feet; South 25° 18' 00" East a distance of 221.21 feet; South 23° 30' 32" East a distance of 276.95 feet; South 01° 25' 00" West a distance of 312.00 feet; South 36° 00' 00" East a distance of 552.13 feet to the

north right—of—way line of Elmwood Lane; thence, coincident with said north right—of—way line, along a curve to the left having a radius of 1235.00 feet, through a central angle of 02° 38′ 34″ an arc distance of 56.96 feet, whose chord bears South 55° 04′ 40″ West a chord distance of 56.96 feet to a point of tangency;

thence, coincident with said north right—of—way line, South 53° 45' 23" West a distance of 140.10 feet;

thence, coincident with said north right—of—way line, along a curve to the right having a radius of 1176.49 feet, through a central angle of 05° 02' 59" an arc distance of 103.69 feet, whose chord bears South 56° 16' 53" West a chord distance of 103.66 feet to the east line of a parcel owned by the Archdiocese of Denver; thence, coincident with said east line, North 36° 24' 37" West a distance of 549.07 feet;

thence, coincident with the east line of a parcel recorded in Book 746 at Page 180 at said office, North 54° 51′ 00″ West a distance of 248.71 feet to the east line of a parcel recorded in Book 3251 at Page 921 at said office:

thence, coincident with said east line, North 17° 34' 59" West a distance of 104.05 feet to the north line of said parcel; thence, coincident with said north line, South 88° 17' 51" West a distance of 39.50 feet to the east line of said parcel described in Book 746 at Page 180;

thence, coincident with said east line, North 14° 23' 00" West a distance of 76.07 feet to the west line of a parcel recorded in Book 3251 at Page 928 at said office;

thence, coincident with said west line and the east line of a parcel described in Book 3254 at Page 139 at said office, the following courses and distances:

North 33° 25′ 33′ West a distance of 83.14 feet; North 21° 24′ 11″ West a distance of 534.54 feet; North 76° 32′ 09″ West a distance of 176.49 feet to said

east right—of—way line of Pecos Street; thence, coincident with sald east right—of—way line, North 00° 00° 00" East a distance of 249.77 feet to the south line of said parcel described in Book 2278 at Page 938, said point being the POINT OF BEGINNING, containing 18.43 acres more or less;

y of Thornton (Owner)
ack Ethredge (City Manager)

Acknowledgement

State of Colorado)
) SS
City of Thornton)

The foregoing plat gnd dedication was acknowledged before me this 5 day of **November** 19 91 by **Tack** ETHRESSE

Janela S. Mein Notary Public

My commission expires July 29, 1995

My address is: 9500 Civic Ctr. Dr.

SURVEYOR'S CERTIFICATE

I, Kerry A. Perkins, a licensed professional Land Surveyor in the State of Colorado, do hereby state that the survey of this plat was made under my direct supervision and that the accompanying plat accurately and properly shows said subdivision in conformance with Title 38, Article 51 of the Colorado Revised Statutes as amended.



KERRY A. PERKINS PLS 24965
Acting City Surveyor
For and on behalf of the
City of Thornton
Date / March 91
Job No. 894060

SURVEYOR'S NOTICE C.R.S. Section 13-80-105

NOTICE: According to Colorado law, any legal action based upon any defect in this survey must be commenced within three years after discovering 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 certification shown hereon.



VICINITY MAP SCALE: 1"= 2000"

Notes and Restrictions

The following notes and restrictions shall apply to Kalcevic Subdivision Amended:

None

Planning Commission Approval:
Approved by the Adams County Planning Commission this 10th day of CTOBER, 19 91.

Chairman Chairman

Board of County Commissioners Approval:

Approved by the Adams County Board of County Commissioners this

2/2 day of OCTOBER, 19 91.

Chairman Chairman

Clerk and Recorder's Certificate

This plat and dedication was filed for record in the office of the Adams County Clerk and Recorder, in the State of Colorado, at 8:00 A.M. on the 6 day of 1992

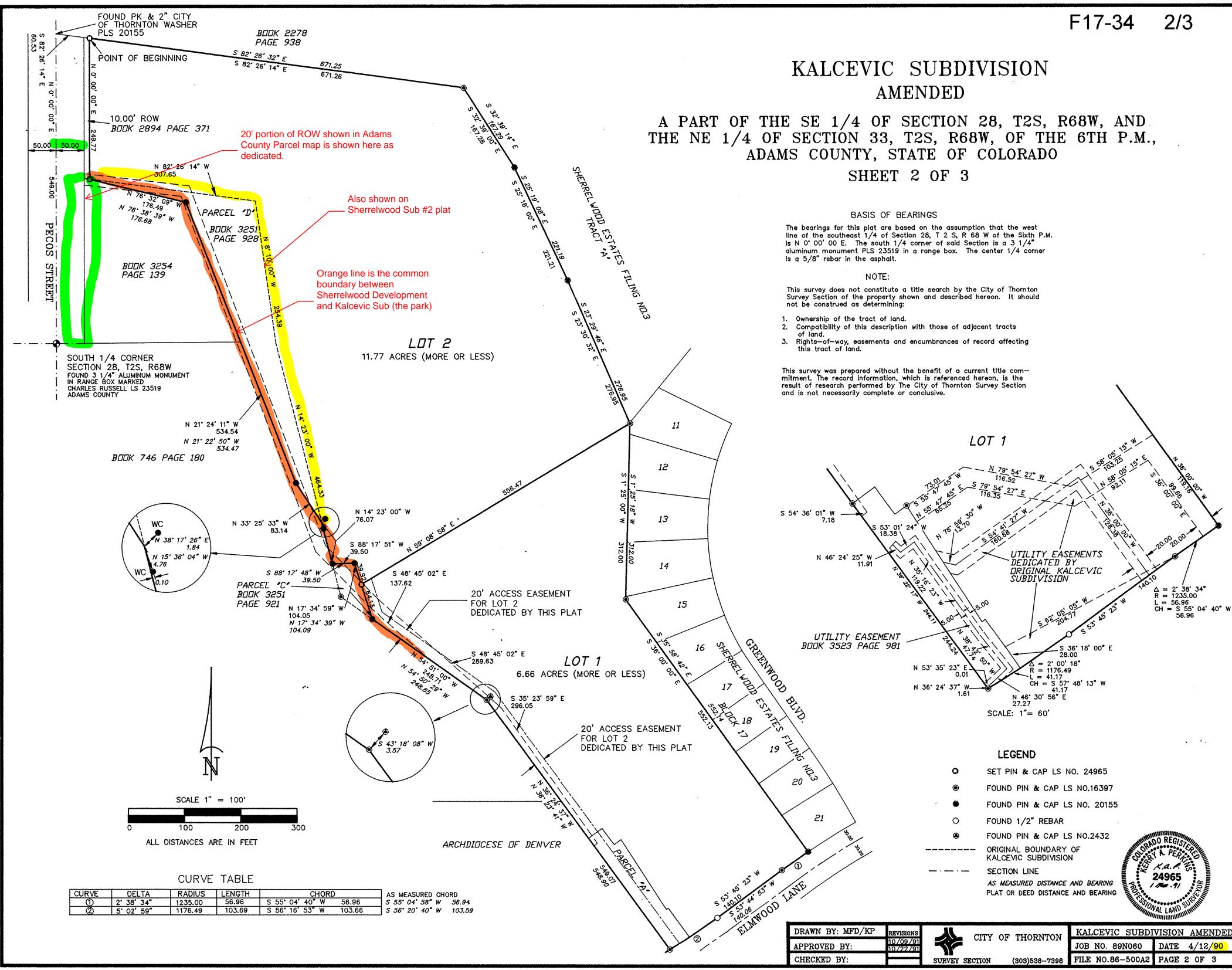
Robert Sack
County Clerk and Recorder

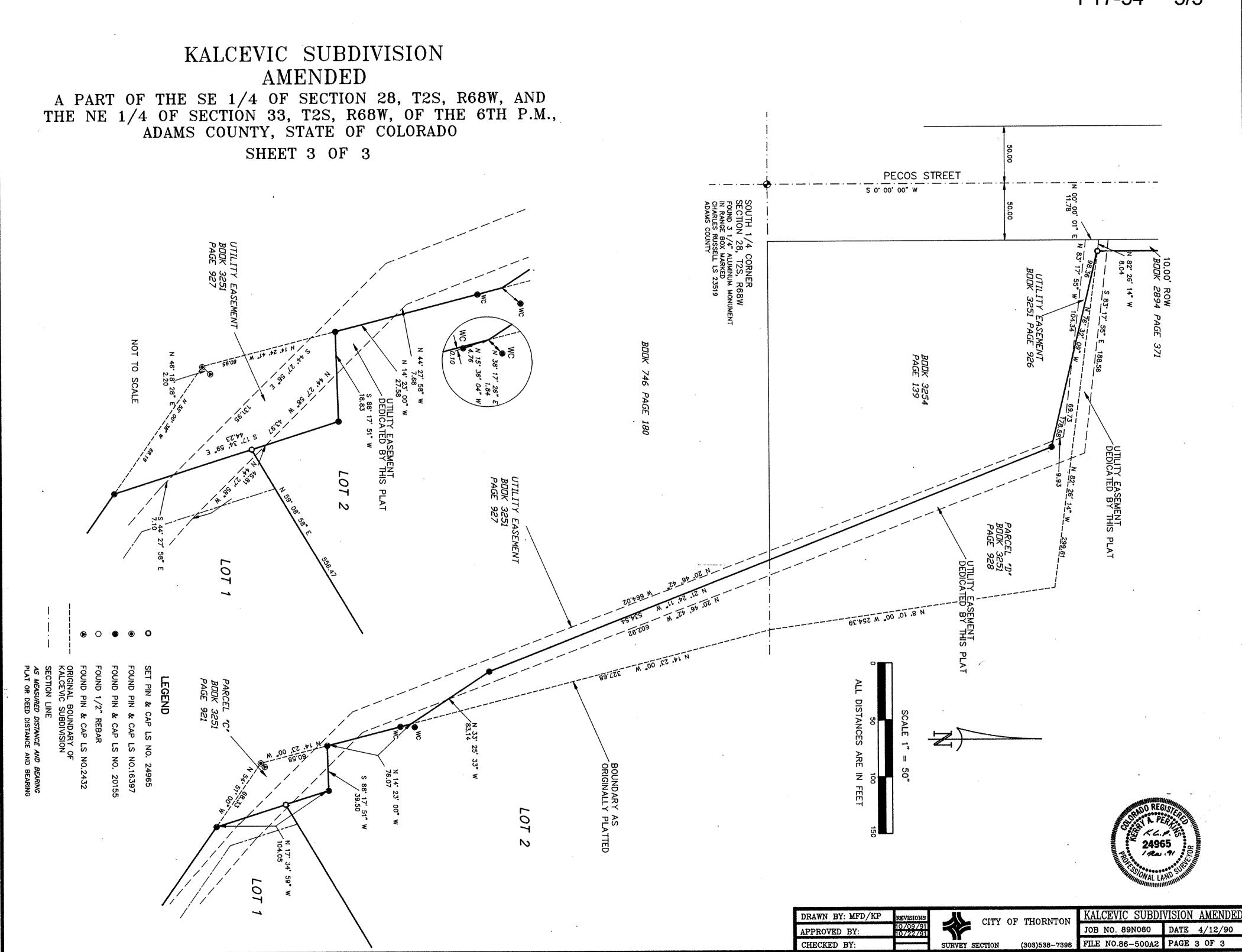
By. Lenis L. Ressones

Map No. 34

Reception No. B 104/16/

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DRAWN BY: MFD/KP	REVISIONS	CIT	 Y ог '	THORNTON	KALCEVI	C SUBDI	VISION	AMENDE
APPROVED BY:	10/09/91 10/22/91		1 Or	HIGHNION	JOB NO.	89N060	DATE	4/12/90
CHECKED BY: WOY		SURVEY SECTION	N (:	303)538-7398	FILE NO. 8	6-500A2	PAGE	1 OF 3





At aheld at the Admin	regular	_	f the Board of Cou Wednesday	nty Commissioners for A	dams County, 4th	Colorado
February	A.D. 19.	707	were present:	·		uay U
	Steven E.	Cramer		Commissioner Chairman Commissioner		-
	Harold E. Mike Kamin		······)	Commissioner County Attorney		
	Wilma That	cher, D	eputy	Clerk of the Board		

RESOLUTION ACCEPTING DEED FROM COMMUNITY OUTREACH PROJECT THERAPEUTIC DAYCARE CENTER

when the following proceedings, among others were held and done, to-wit:

WHEREAS, the Adams County Planning Commission has considered the advisability of accepting deed from Community Outreach Project Therapeutic Daycare Center to Adams County, a body politic, for the following described property:

Legal Description as set forth in Exhibit "A" attached hereto and incorporated by this reference.

WHEREAS, this property is being dedicated for street right-of-way and is approximately located east of Pecos Street between West 79th Way and Orchard Way; and,

WHEREAS, the Adams County Planning Commission has recommended by Resolution of January 22, 1987, that the Board of County Commissioners accept said Deed.

NOW, THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of the County of Adams, State of Colorado, that the Deed from Community Outreach Project Therapeutic Daycare Center is hereby accepted.

E 7 1 5 2 0 0

WILLIAM SOKOL
COUNTY RECORDER
ADAMS COUNTY, COLO

***************************************	Younger	Aye	
***************************************		Aye	
***************	Kite	Aye	
			Commissioners
STATE OF COLORADO)		
County of Adams	ss.		
m and for the County ar	a State aforesaid do hereby	erk and ex-officio Clerk of the Board certify that the annexed and forego f County Commissioners for said Ad	ing Order is truly copied
IN WITNESS WHE	REOF, I have hereunto set my	hand and affixed the seal of said	County, at Brighton, this
4th	February of		
		erk and ex-officio Clerk of the Board	
1-1-1		William Sok	.ol

By Wilma Thatcher

Upon motion duly made and seconded the foregoing Resolution was adopted by the following vote:

Recorder's Stamp

THIS DEED, Made this day of COBAR 1986, between Community Outreach Project Therapeutic Daycare Center, a Colorado Corporation

a corporation duly organized and existing under and by virtue of the laws

of the State of Colorado of the first part, and Adams County, a body politic, 450 South 4th Avenue, Brighton, Colorado 80601

of the Colorado

Adams County of of the second part:

and State of

WITNESSETH, That the said party of the first part, for and in consideration of the sum of Good and Valuable Considerations-

and State of Colorado, to wit:

DOLLARS to the said party of the first part in hand paid by the said part y of the second part, the receipt whereof is hereby confessed and acknowledged, hath granted, bargained, sold and conveyed, and by these presents doth grant, bargain, sell, convey and confirm unto the said part y of the second part, its heirs, and assigns forever, all of the following described lot or parcel of land, situate, lying and being in the County of Adams

Legal description as set forth in Exhibit "A" attached hereto and incorporated by this reference.

Dedicated for Pecos Street

TOGETHER with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion or reversions, remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the said party of the first part, either in law or equity, of, in and to the above bargained premises with the hereditaments and appurtenances.

TO HAVE AND TO HOLD the said premises above hargained and described, with the appurtenances unto the part y of the second part its Successors increased and assigns forever. And the said said part y Community Outreach Project Therapeutic Daycare Center, a Colorado Corporation

party of the first part, for itself, and its successors, doth covenant, grant, bargain, and agree to and with the said part y its successors heirs and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above conveyed, as of a good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple, and hath good right, full power and lawful authority to grant, bargain, sell and convey the same in manner and form aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and incumbrances of whatever kind or nature soever; with no exceptions.

and the above bargained premises in the quiet and peaceable possession of the said part y its successors and assigns, against all and every person or persons lawfully claiming or to claim the whole or any part thereof, the said party of the first part shall and will WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, The said party of the first part hath caused its corporate name to be hereunto subscribed by its President, and its corporate seal to be hereunto affixed, attested by its Secretary, the day and year first above written.

Secretary

Timothy E.

Community Outreach Project Therapeutic <u>a Colorado Corporation</u>

President.

STATE OF COLORADO,

County of Adams

The foregoing instrument was acknowledged before me this

, by Gordon P. Schick Timothy E. Glasgow

day of October, President and

Community Outreach Project Therapeutic Daycare Center, a Colorado

Secretary of Excorporation.

My notarial commission expires Witness my hand and official seal.

My address is: 1010 Depot Hill

Community Outreach Project Therapeutic Daycare Center

Exhibit "A"

That part of the Southeast 1/4 of Section 28, Township 2 South, Range 68 West of the 6th P.M., County of Adams, State of Colorado, more particularly described as follows:

Beginning at the South 1/4 corner of said Section 28; thence N89°55'33"E a distance of 30.00 feet to the True Point of Beginning; thence N00°00'00"E parallel with the west line of said Southeast 1/4 a distance of 295.42 feet; thence S82°26'14"E a distance of 20.18 feet to a point 50.00 feet East of the west line of said Southeast 1/4; thence S00°00'00"E parallel with the west line of said Southeast 1/4 a distance of 292.74 feet; thence S89°55'33"W a distance of 20.00 feet to the True Point of Beginning.

Contains 5,881.58 square feet or 0.135 acres more or less.

(The Bearings and Distances are derived from the Kalcevic Subdivision Plat as recorded August 23, 1984, County of Adams, State of Colorado in File 16, Map Number 142, Reception Number B 523787.)

At a regular meeting of the Planning Commission for Adams County, Colorado, held at the Administration Building in Brighton on Thursday, the 22nd day of January , 1987 A.D., the following proceedings, among others, were had and done; to wit:

WHEREAS, The Adams County Planning Commission has considered the advisability of accepting a deed from Community Outreach Project Therapeutic Daycare Center to Adams County, a body politic, for the following described property:

Legal description as set forth in Exhibit "A" attached hereto and incorporated by this reference.

AND WHEREAS this property is being dedicated for street right-of-way and is approximately located east of Pecos Street between West 79th Way and Orchard Way,

NOW, THEREFORE, BE IT RESOLVED that the Adams County Planning Commission recommends to the Board of County Commissioners that said deed be accepted by the Board of County Commissioners.

Upon motion duly made and seconded the foregoing resolution was adopted.

I, Rosemary Pomponio , Chairman of the Adams County Planning Commission do hereby certify that the annexed and foregoing resolution is a true and correct record of the proceedings of the Adams County Planning Commission.

Rosemary Pomponio, Chairman Adams County Planning Commission

LEGAL DESCRIPTION:

A PARCEL OF LAND AS DESCRIBED IN THAT DEED RECORDED AT RECEPTION NO. 2019000075343, IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN THE SOUTHEAST QUARTER OF SECTION 28, 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 SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 2 SOUTH, RANGE 68 WEST OF THE SIXTH P.M., BEING ASSUMED TO BEAR N 89°30'30" E, FROM THE SOUTH QUARTER CORNER OF SAID SECTION 28, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH ALUMINUM CAP, STAMPED "PLS 23519" TO THE SOUTHEAST CORNER OF SAID SECTION 28, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH ALUMINUM CAP, STAMPED "PLS 7276", WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 28, THENCE N 89°30'30" E, ALONG THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28, A DISTANCE OF 50.00 FEET TO THE NORTHWEST CORNER OF SHERRELWOOD VILLAGE, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940, SAID ADAMS COUNTY RECORDS, ALSO BEING 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 TO 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 RECEPTION NO. 2019000075343;

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 LINE OF SAID PARCEL DESCRIBED IN BOOK RECEPTION NO. 2019000075343, A DISTANCE OF 267.62 FEET TO A POINT ON THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28 ALSO BEING THE NORTHEAST CORNER OF SAID SHERRELWOOD VILLAGE PLAT;

THENCE S 89°30'30" W, ALONG THE NORTH LINE OF SAID SHERRELWOOD VILLAGE PLAT AND ALONG THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 28, A DISTANCE OF 279.36 FEET TO THE POINT OF BEGINNING.

CONTAINING AN AREA OF 61,556 SQUARE FEET OR 1.413 ACRES, MORE OR LESS.

LEGAL DESCRIPTION:

A PARCEL OF LAND AS DESCRIBED IN THAT DEED RECORDED AT RECEPTION NO. 2019000073502, IN THE RECORDS OF THE ADAMS COUNTY CLERK AND RECORDER'S OFFICE, LYING WITHIN THE NORTHEAST QUARTER OF SECTION 33, 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 ALUMINUM CAP, STAMPED "PLS 23519" TO THE NORTHEAST CORNER OF SAID SECTION 33, BEING MONUMENTED BY A REBAR WITH A 3-1/4 INCH ALUMINUM CAP, STAMPED "PLS 7276", WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 33, THENCE S 56°38'28" E, A DISTANCE OF 35.90 FEET TO THE NORTHWEST CORNER OF THAT PARCEL OF LAND DESCRIBED AT SAID RECEPTION NO. 2019000073502, BEING A POINT 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33 AND 20.00 FEET SOUTH OF THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33 AND THE POINT OF BEGINNING;

THENCE N 89°30'30" E, ALONG A LINE BEING 20.00 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, AND ALONG THE SOUTH LINE OF TRACT D, SHERRELWOOD VILLAGE, A SUBDIVISION PLAT RECORDED AT RECEPTION NO. 2018000075940, SAID ADAMS COUNTY RECORDS, A DISTANCE OF 208.00 FEET TO THE SOUTHEAST CORNER OF SAID TRACT D; THENCE S 00°01'53" W, ALONG THE WEST LINE OF SAID SHERRELWOOD VILLAGE PLAT, A DISTANCE OF 208.00 FEET TO THE NORTHEAST CORNER OF TRACT B, SAID SHERRELWOOD VILLAGE PLAT; THENCE S 89°30'30" W, ALONG THE NORTH LINE OF SAID TRACT B, A DISTANCE OF 208.00 FEET TO A POINT BEING 30.00 FEET EAST OF THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33; THENCE N 00°01'53" E, ALONG A LINE BEING 30.00 FEET EAST OF AND PARALLEL TO THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 33, A DISTANCE OF 208.00 FEET TO THE POINT OF BEGINNING.

CONTAINING AN AREA OF 43,262 SQUARE FEET OR 0.993 ACRES, MORE OR LESS.