



Planning and Community
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DEVIATION REQUEST AND DECISION FORM

Updated: 6/26/2019

PROJECT INFORMATION

Project Name : Sterling Ranch Filing 2
 Schedule No.(s) : 5200000364 and 5233000013
 Legal Description : See Exhibit B – Legal Description

APPLICANT INFORMATION

Company : SR Land, LLC.
 Name : Jim Morley
 Owner Consultant Contractor
 Mailing Address : 20 Boulder Crescent, Suite 102, COLORADO SPRINGS, COLORADO, 80903

 Phone Number : (719) 491-3024
 FAX Number : N/A
 Email Address : Jmorley3870@aol.com

ENGINEER INFORMATION

Company : JR ENGINEERING
 Name : MIKE BRAMLETT Colorado P.E. Number : 32314
 Mailing Address : 5475 TECH CENTER DRIVE, SUITE 235, COLORADO SPRINGS, COLORADO 80919

 Phone Number : 719-593-2593
 FAX Number : N/A
 Email Address : MBRAMLETT@JRENGINEERING.COM

OWNER, APPLICANT, AND ENGINEER DECLARATION

To the best of my knowledge, the information on this application and all additional or supplemental documentation is true, factual and complete. I am fully aware that any misrepresentation of any information on this application may be grounds for denial. I have familiarized myself with the rules, regulations and procedures with respect to preparing and filing this application. I also understand that an incorrect submittal will be cause to have the project removed from the agenda of the Planning Commission, Board of County Commissioners and/or Board of Adjustment or delay review until corrections are made, and that any approval of this application is based on the representations made in the application and may be revoked on any breach of representation or condition(s) of approval.

Jim Morley
 Signature of owner (or authorized representative)

5-5-21
 Date

Engineer's Seal, Signature
 And Date of Signature

Mike Bramlett



DEVIATION REQUEST (Attach diagrams, figures, and other documentation to clarify request)

A deviation from the standards of or in Section **ECM section 2.3.7 Intersections** of the Engineering Criteria Manual (ECM) is requested for the Alzada vertical alignment as it approaches Vollmer Road.

Identify the specific ECM standard which a deviation is requested:

Alzada Road exceeds the 4% maximum vertical slope criteria approximately 70 feet from its intersection with Vollmer Road as it transitions to a 7.94% slope at station 1+58.

State the reason for the requested deviation:

Due to the significant slope down from Vollmer, a grade of greater than 4% is necessary to eventually meet existing grades at approximately station 4+40 of Alzada Road.

Applicant will be adding significant fill in this area to reduce this to the designed 7.94% slope.

Explain the proposed alternative and compare to the ECM standards (May provide applicable regional or national standards used as basis):

See Exhibit A for a proposed plan and profile of Alzada.

Alzada will transition up at between 0.9% and 1.89% at the right and left flowline from its intersection with Vollmer Rd. and then begin a vertical curve to begin downsloping to over 7% at station 1+60. At station 1+60, that anticipated fill is five feet to existing grade.

The first 70 feet from the intersection is within the max 4% slope criteria.

LIMITS OF CONSIDERATION

(At least one of the conditions listed below must be met for this deviation request to be considered.)

- The ECM standard is inapplicable to the particular situation.
- Topography, right-of-way, or other geographical conditions or impediments impose an undue hardship and an equivalent alternative that can accomplish the same design objective is available and does not compromise public safety or accessibility.
- A change to a standard is required to address a specific design or construction problem, and if not modified, the standard will impose an undue hardship on the applicant with little or no material benefit to the public.

Provide justification:

The natural ground surface slopes significantly downward from Vollmer and this engineering solution provides for an acceptable roadway grade to bring Alzada Roadway to its intersection with Vollmer.

CRITERIA FOR APPROVAL

Per ECM section 5.8.7 the request for a deviation may be considered if the request is **not based exclusively on financial considerations**. The deviation must not be detrimental to public safety or surrounding property. The applicant must include supporting information demonstrating compliance with **all of the following criteria**:

The deviation will achieve the intended result with a comparable or superior design and quality of improvement.

This request is not based on financial considerations. The roadway will provide a geometrically smooth intersection approach to Vollmer meeting the intent of the criteria..

The deviation will not adversely affect safety or operations.

The deviation will not adversely affect safety or operations.

The Vollmer sidewalk ADA path crossing Alzada will be well within ADA cross-slope criteria. The sight visibility is safe and within criteria.

Granting this variance will not hinder operations of snow removal and the slopes proposed are well within what a driver can maneuver.

The deviation will not adversely affect maintenance and its associated cost.

Maintenance of the El Paso County roadways will not be impacted.

The deviation will not adversely affect aesthetic appearance.

The deviation has no impact on the aesthetic appearance and provides a geometrically smooth roadway appearance..

The deviation meets the design intent and purpose of the ECM standards.

Yes, the deviation meets the design intent and purpose of the ECM standards.

The deviation meets the control measure requirements of Part I.E.3 and Part I.E.4 of the County's MS4 permit, as applicable.

Yes, the deviation meets the control measure requirements of Part I.E.3 and Part I.E.4 of the County's MS4 permit, this project is proposing Water Quality facilities as required by the criteria.

REVIEW AND RECOMMENDATION:

Approved by the ECM Administrator

This request has been determined to have met the criteria for approval. A deviation from Section _____ of the ECM is hereby granted based on the justification provided.

Γ 7

L J

Denied by the ECM Administrator

This request has been determined not to have met criteria for approval. A deviation from Section _____ of the ECM is hereby denied.

Γ 7

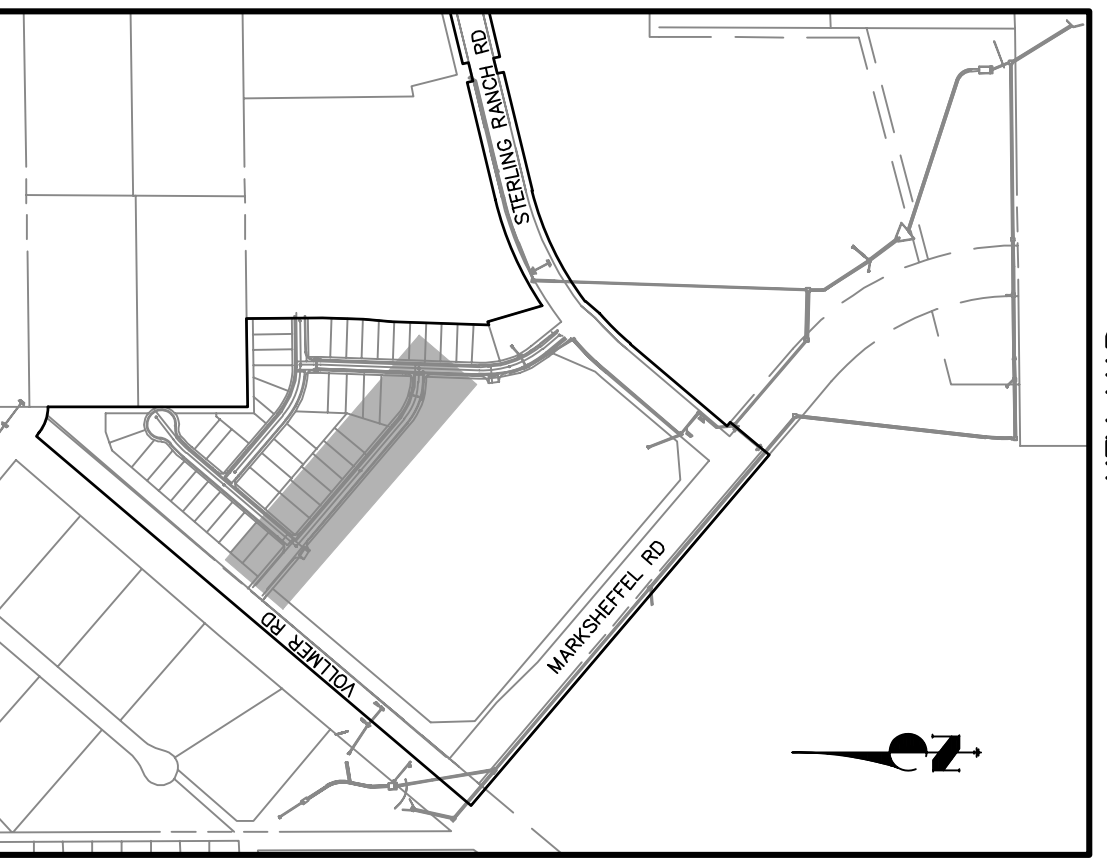
L J

ECM ADMINISTRATOR COMMENTS/CONDITIONS:

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE AGENCIES, OR ENGINEERING APPROPRIATE FOR THEIR USE. APPROVED FOR THE PURPOSES OF THE COLORADO SPRINGS, CO 80903 JAMES F. MORLEY (719) 471-1742

J-R ENGINEERING
A Westman Company
Central 303-740-9898 • Colorado Springs 719-593-2893
Fort Collins 970-491-9888 • www.jrengr.com

STERLING RANCH FILING NO. 2	H-SCALE 1"=50'	DATE 04/15/21	DESIGNED BY RAB	CHECKED BY RAB
STREET IMPROVEMENT PLAN	V-SCALE 1"=5'	DATE	DESIGNED BY RAB	CHECKED BY RAB
SHEET 4 OF 9		NO.	REVISION	BY DATE
JOB NO. 25188.01				



ABBREVIATION LEGEND

CL	CENTERLINE INTERSECTION
BT	BEGIN TRANSITION
ET	END TRANSITION
PC	POINT OF CURVE
PCC	POINT OF CURB RETURN
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENT
EL	ELEVATION
LT	LEFT
RT	RIGHT

STREET ABBREVIATIONS

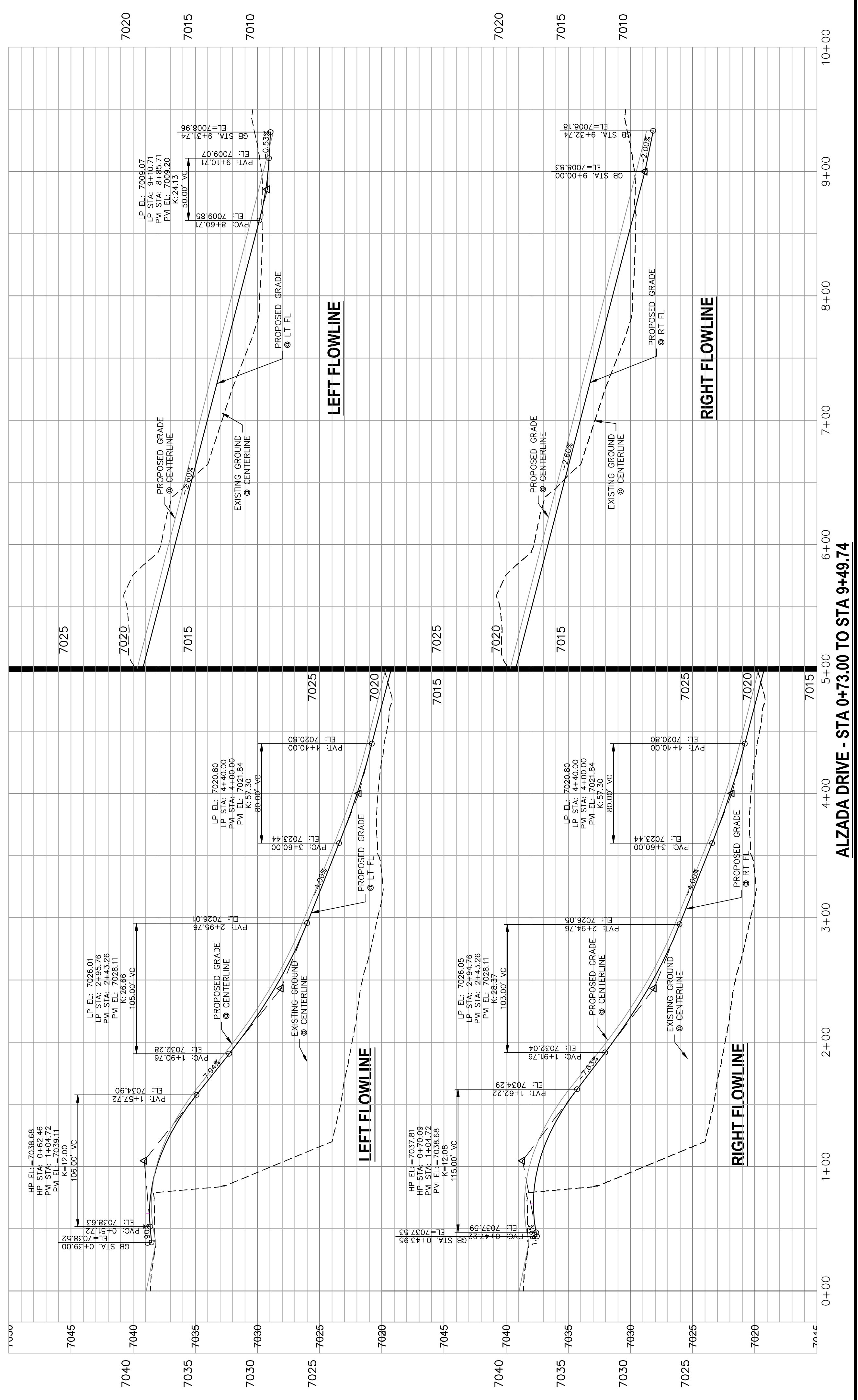
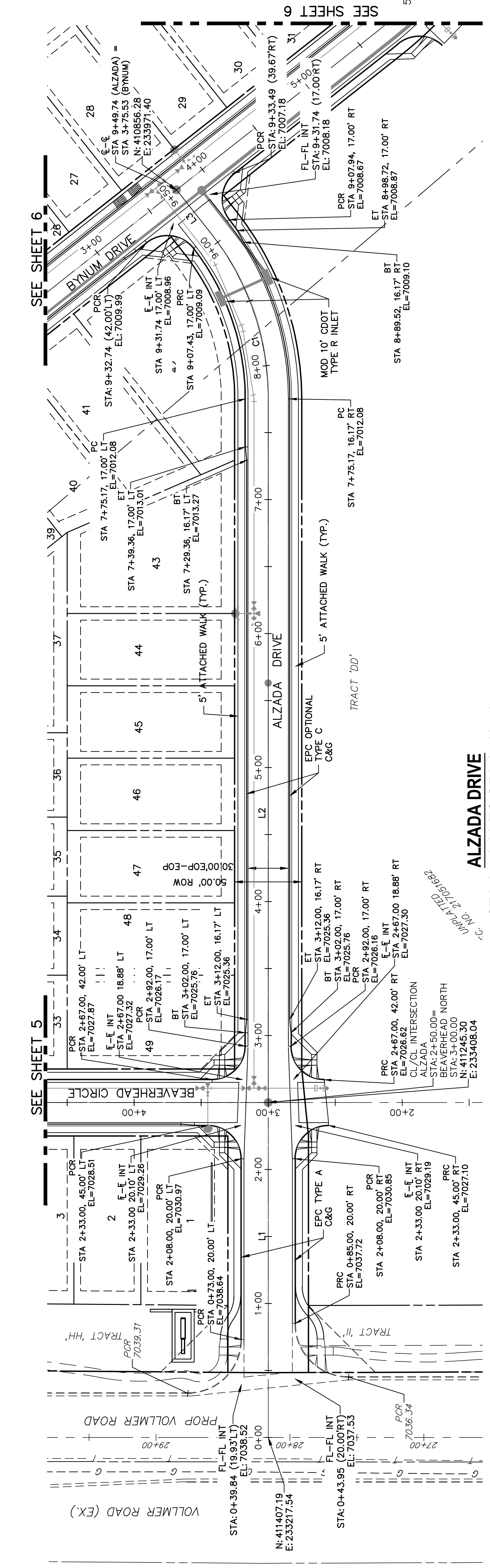
AD	ALZADA DRIVE
BC	BEAVERHEAD CIRCLE
BD	BYNUM DRIVE
DD	DODDSON DRIVE
DR	DODDSON DRIVE
SRR	STERLING RANCH ROAD (EX.)
VR	VOLLMER ROAD (EX.)
CUL-DE-SAC	CUL-DE-SAC
CDS	CDS
KN	KNUCKLE

LINE TABLE

LINE	BEARING	DISTANCE
L1	S49°38'29"E	200.00'
L2	S49°38'29"E	525.17'
L3	S87°57'05"E	40.83'

CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH
C1	38°18'36"	200.00'	133.73'



ENGINEER'S STATEMENT
PREPARED UNDER MY DIRECT SUPERVISION AND ON BEHALF OF JR ENGINEERING
ENGINEERING
MICHAEL A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF JR ENGINEERING

PROPERTY DESCRIPTION

A PARCEL OF LAND LOCATED IN A PORTION OF THE E1/2 SE1/4 OF SECTION 32 AND THE S1/2 SW1/4 OF SECTION 33, TOWNSHIP 12 SOUTH, RANGE 65 WEST AND THE NW1/4 OF NW1/4 OF SECTION 4 AND THE NE1/4 OF NE1/4 OF SECTION 5, TOWNSHIP 13 SOUTH, RANGE 65 WEST, BOTH OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BASIS OF BEARINGS: THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. AS MONUMENTED AT THE SOUTHWEST CORNER OF SAID BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624" AND AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624", SAID LINE BEARS N89°14'14"E, A DISTANCE OF 2,722.69 FEET.

COMMENCING AT SAID SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER (SW1/4) OF SAID SECTION 34; THENCE N77°08'03"W, A DISTANCE OF 3,334.61 FEET TO THE SOUTHWESTERLY CORNER OF DINES BOULEVARD AS PLATTED IN STERLING RANCH FILING NO. 1, RECORDED UNDER RECEPTION NO. 218714151 IN THE RECORDS OF THE EL PASO COUNTY CLERK AND RECORDER, SAID POINT BEING THE POINT OF BEGINNING;

THENCE ON THE SOUTHERLY LINE OF SAID DINES BOULEVARD, N76°19'20"E A DISTANCE OF 85.00 FEET;

THENCE DEPARTING SAID SOUTHERLY LINE, S13°40'40"E A DISTANCE OF 80.00 FEET TO A POINT ON THE NORTHERLY LINE OF THAT 20' ELECTRIC EASEMENT RECORDED UNDER RECEPTION NO. 218054783;

THENCE ON SAID NORTHERLY EASEMENT LINE, S76°19'20"W A DISTANCE OF 80.00 FEET;

THENCE S13°40'40"E A DISTANCE OF 20.00 FEET, TO A POINT ON THE SOUTHERLY LINE OF SAID ELECTRIC EASEMENT;

THENCE ON SAID SOUTHERLY LINE, S76°19'20"W A DISTANCE OF 852.10 FEET;

THENCE N13°40'40"W A DISTANCE OF 20.00 FEET, TO A POINT ON THE NORTHERLY LINE OF SAID ELECTRIC EASEMENT;

THENCE ON SAID NORTHERLY LINE, S76°19'20"W A DISTANCE OF 50.00 FEET;

THENCE S13°40'40"E A DISTANCE OF 20.00 FEET, TO A POINT ON THE SOUTHERLY LINE OF SAID ELECTRIC EASEMENT;

THENCE ON SAID SOUTHERLY LINE, THE FOLLOWING FIVE (5) COURSES:

1. S76°19'20"W A DISTANCE OF 386.99 FEET, TO A POINT OF CURVE;
2. ON THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 940.00 FEET, A CENTRAL ANGLE OF 23°53'20" AND AN ARC LENGTH OF 391.92 FEET, TO A POINT OF NON-TANGENT;
3. S41°03'23"W A DISTANCE OF 60.19 FEET, TO A POINT OF NON-TANGENT CURVE;
4. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS S41°12'17"E, HAVING A RADIUS OF 930.00 FEET, A CENTRAL ANGLE OF 08°26'12" AND AN ARC LENGTH OF 136.94 FEET, TO A POINT OF TANGENT;
5. S40°21'31"W A DISTANCE OF 402.59 FEET, TO A POINT ON THE EASTERLY LINE OF THAT ACCESS AND UTILITY EASEMENT RECORDED UNDER RECEPTION NO. 214100440;

THENCE ON SAID EASTERLY LINE, S49°38'29"E A DISTANCE OF 16.00 FEET;

THENCE S40°21'31"W A DISTANCE OF 160.00 FEET, TO A POINT ON THE WESTERLY LINE OF SAID ACCESS AND UTILITY EASEMENT;

THENCE ON THE WESTERLY LINE OF THAT ACCESS AND UTILITY EASEMENT RECORDED UNDER RECEPTION NOS 214100440 & 214100441, N49°38'29"W A DISTANCE OF 1459.89 FEET, TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF VOLLMER ROAD;

THENCE ON SAID EASTERLY RIGHT-OF-WAY LINE, N40°24'51"E A DISTANCE OF 1808.03 FEET, TO A POINT ON THE SOUTHERLY LINE OF THAT PROPERTY RECORDED UNDER RECEPTION NO. 217080112 AND SHOWN ON THE AMENDED PLAT BARBARICK SUBDIVISION RECORDED UNDER RECEPTION NO. 217713910;

THENCE ON SAID SOUTHERLY LINE THE FOLLOWING TWO (2) COURSES:

1. S51°21'50"E A DISTANCE OF 13.67 FEET, TO A POINT OF CURVE;
2. ON THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 130.00 FEET, A CENTRAL ANGLE OF 38°41'48" AND AN ARC LENGTH OF 87.80 FEET, TO A POINT OF NON-TANGENT ON THE WESTERLY LINE OF SAID AMENDED PLAT BARBARICK SUBDIVISION;

THENCE ON THE WESTERLY AND SOUTHERLY LINES OF SAID AMENDED PLAT BARBARICK SUBDIVISION, THE FOLLOWING TWO (2) COURSES:

1. S00°06'01"E A DISTANCE OF 631.46 FEET;
2. N89°17'25"E A DISTANCE OF 279.65 FEET;

THENCE DEPARTING SAID AMENDED PLAT BARBARICK SUBDIVISION, THE FOLLOWING COURSES:

1. S00°42'35"E A DISTANCE OF 241.35 FEET;
2. S02°02'55"W A DISTANCE OF 130.48 FEET;
3. S05°37'53"W A DISTANCE OF 90.96 FEET;
4. S01°55'19"W A DISTANCE OF 307.22 FEET;
5. N73°29'47"E A DISTANCE OF 11.27 FEET;

S16°30'13"E A DISTANCE OF 179.19 FEET, TO A POINT OF NON-TANGENT CURVE ON THE NORTHERLY LINE OF SAID 20' ELECTRIC EASEMENT RECORDED UNDER RECEPTION NO. 218054783;

THENCE ON SAID NORTHERLY LINE, THE FOLLOWING TWO (2) COURSES:

1. ON THE ARC OF A CURVE TO THE RIGHT WHOSE CENTER BEARS S33°39'44"E, HAVING A RADIUS OF 1060.00 FEET, A CENTRAL ANGLE OF 19°59'04" AND AN ARC LENGTH OF 369.72 FEET, TO A POINT OF TANGENT;
2. N76°19'20"E A DISTANCE OF 381.99 FEET;

THENCE S13°40'40"E A DISTANCE OF 20.00 FEET, TO A POINT ON THE SOUTHERLY LINE OF SAID ELECTRIC EASEMENT;

THENCE ON SAID SOUTHERLY LINE, N76°19'20"E A DISTANCE OF 60.00 FEET;

THENCE N13°40'40"W A DISTANCE OF 20.00 FEET, TO A POINT ON THE NORTHERLY LINE OF SAID ELECTRIC EASEMENT;

THENCE ON SAID NORTHERLY LINE, N76°19'20"E A DISTANCE OF 842.10 FEET, TO A POINT ON THE WESTERLY RIGHT-OF-WAY OF DINES BOULEVARD AS SHOWN ON SAID PLAT OF STERLING RANCH FILING NO. 1;

THENCE ON SAID WESTERLY RIGHT-OF-WAY LINE, S13°40'40"E A DISTANCE OF 20.00 FEET, TO THE POINT OF BEGINNING.

CONTAINING A CALCULATED AREA OF 2,157,908 SQUARE FEET OR 49.5387 ACRES.