



**Planning and Community
Development Department**
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DEVIATION REQUEST AND DECISION FORM

Updated: 6/26/2019

PROJECT INFORMATION

Project Name : Rolling Hills Ranch PUD
 Schedule No.(s) : 4200000401, 4200000402, & 4200000407
 Legal Description : See Attached

APPLICANT INFORMATION

Company : Tech Contractors
 Name : Tom Kerby
 Owner Consultant Contractor
 Mailing Address : 11886 Stapleton Dr
 Falcon, CO 80831
 Phone Number : 719.495.7444
 FAX Number : n/a
 Email Address : tom@meridianranch.com

ENGINEER INFORMATION

Company : Tech Contractors
 Name : Tom Kerby Colorado P.E. Number : 31429
 Mailing Address : 11886 Stapleton Dr
 Falcon, CO 80831
 Phone Number : 719.495.7444
 FAX Number : n/a
 Email Address : tom@meridianranch.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.

 Signature of owner (or authorized representative) Date

 Engineer's Seal, Signature
 And Date of Signature

PUDSP199

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

A deviation from the standards of or in Section **2.3.2 Design Standards by Functional Classification** Engineering Criteria Manual (ECM) is requested. **Add Section 2.2.4.B.3 Urban Minor Arterial.**

Identify the specific ECM standard which a deviation is requested:

Construct Rex Road east of Sunrise Ridge Drive as a half section of the Urban Minor Arterial. Transition from a Residential Urban Collector to the half section east of Sunrise Ridge Dr for approximately 400 feet, continuing east to proposed Rolling Ranch Drive. The half section will be constructed per the attached drawing depicted the half section from centerline south to southerly right of way line. A 60 foot right of way will be dedicated with an additional 20 foot wide reservation within the adjacent Tract K as shown on the Rolling Hills Ranch PUD in order to accommodate the future full width section when the County determines it is necessary for the County to construct the full width section.

The specific ECM standard a deviation is requested is the criteria to construct Rex Road east of Sunrise Ridge Dr as an Urban 4-lane Minor Arterial based on the 2016 MTCP Map I4: 2040 Roadway Plan classification

State the reason for the requested deviation:
clarify (is this total traffic or Meridian development only)

The portion of Rex Road between Sunrise Ridge Drive and Sunrise Ridge Drive has been planned and constructed as an Urban Residential Collector with a standard right of way width of 60 feet. The projected long term (2040) ADT is estimated to be 7,470 vehicles per day which is below the threshold for an Urban Residential Collector.

With the projected low traffic volume and adjacent existing 60' right of way width logic dictates to construct the half section roadway within a 60 foot right of way until such time as the full width section is deemed necessary. This roadway is listed on the 2040 Major Transportation Plan and therefore fully reimbursable by the County, this move will shift available funds to other higher priority roadways.

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

The proposed alternative road right of way matches the existing Rex Road right of way west of Sunrise Ridge Drive.

The proposed half roadway section is an El Paso County standard section for Urban Minor Arterial roads.

The daily traffic volume per the Traffic Impact Statement prepared by LSC Traffic Consultants, LLC is estimated to be 7,470 which is below the threshold of 10,000 for Residential Collectors which is of similar design to that of the proposed deviation. The estimated 2040 ADT volume for Rex Road is less than half of the threshold volume for an Urban Minor Arterial suggesting the full width roadway is unnecessary.

Roadway Design standards for Urban Minor Arterial roads will be used to design and construct Rex Road east of Sunrise Ridge.

Explain how the centerline layout and alignment is designed in consideration of the existing 60 ft right of way for if and when the County does widen Rex Road to a 4-ln.

Move the paragraph highlighted in yellow into the third box below. This is the proposed alternative.

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 previously recorded final plats for Estates at Meridian Ranch Filing 2 and Meridian Ranch Filing 9, located west of this project create a corridor of only 60' wide. This restriction provides sufficient room for an Urban Residential Collector and restricts the ability to construct the Urban Minor Arterial in this section west of the proposed project. This portion of Rex Road would require Rex Road to be constructed with lane tapers and redirects which could create confusion for the driver and pose unnecessary risk to future accidents. Any other alternative would require the acquisition of property for public and private entities in order to secure sufficient land to construct the Urban Minor Arterial west of the project and additional cost to the County as this roadway is identified in the 2040 Major Transportation Corridor Plan making Rex Road construction a reimbursable project.

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.

The deviation will provides a comparable design in that the estimated ADTs for this section fall more than 50% below the threshold for an Urban Minor Arterial roadway section.

Explain the benefit of constructing the 2 lanes superelevated to match the ultimate section (not needing to redesign or remove/replace)

The deviation will not adversely affect safety or operations.

The Engineering Criteria Manual identifies 20,000 ADTs as the maximum volume of traffic that can be safely conveyed on an Urban Minor Arterial Street section, the estimated 2040 ADT is sufficiently below at 7,470 to justify a half section. Constructing a full width Urban Minor Arterial would require lane drop, tapers and redirects to accommodate the existing narrower section to the west. These lane drops and redirects create an unnecessary risk for potential future accidents when a half section will safely carry the anticipated traffic volume.

explain why lane drops and redirects create an unnecessary risk. Does the half section travel lanes match the existing road travel lanes?

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

The proposed deviation will not adversely impact maintenance for this street section in that it will not receive traffic higher than normal for this type of roadway classification

The deviation will not adversely affect aesthetic appearance.

The deviation will not adversely affect the aesthetics of the area as it will match an already established street section.

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

The proposed deviation and design allows for the accommodation of the future widening of Rex Road to full width Urban Minor Arterial if and when it is deemed necessary due to any unforeseen increase traffic volume closer to the 20,000 ADTs.

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.

The proposed deviation is not different than any other proposed roadway within El Paso County matching all other requirements for similarly classified roads and meets all requirements associated with the MS4 permit.

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.

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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.

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ECM ADMINISTRATOR COMMENTS/CONDITIONS:

KNOW ALL MEN BY THESE PRESENTS:

THAT GTL, INC. DBA GTL DEVELOPMENT, INC., THEODORE TCHANG, PRESIDENT AND MERIDIAN SERVICE METROPOLITAN DISTRICT BEING THE OWNERS OF THE FOLLOWING DESCRIBED TRACTS OF LAND:

A PARCEL OF LAND LOCATED IN A PORTIONS OF SECTION 20 AND 29,
IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHERNEASTERN MOST CORNER OF TRACT C OF MERIDIAN RANCH FILING NO. 9, RECORDED WITH RECEPTION NO. 216713763 IN THE RECORDS OF EL PASO COUNTY;

1. THENCE N51°53'30"W ON SAID TRACT LINE A DISTANCE OF 26.13 FEET TO A CURVE TO THE RIGHT;
2. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 330.00 FEET, A DELTA ANGLE OF 04°41'46", AN ARC LENGTH OF 27.05 FEET, WHOSE LONG CHORD BEARS N35°45'37"E A DISTANCE OF 27.04 FEET;
3. THENCE N72°56'20"E A DISTANCE OF 32.99 FEET;
4. THENCE N24°30'35"E A DISTANCE OF 60.00 FEET;
5. THENCE N22°23'52"W A DISTANCE OF 32.06 FEET;
6. THENCE N20°49'43"E A DISTANCE OF 52.81 FEET TO A CURVE TO THE LEFT;
7. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 630.00 FEET, A DELTA ANGLE OF 22°38'05", AN ARC LENGTH OF 248.88 FEET, WHOSE LONG CHORD BEARS N09°30'41"E A DISTANCE OF 247.27 FEET;
8. THENCE N42°56'08"E A DISTANCE OF 31.12 FEET;
9. THENCE N02°04'24"W A DISTANCE OF 100.00 FEET;
10. THENCE N87°55'36"E A DISTANCE OF 348.00 FEET TO A CURVE TO THE RIGHT;
11. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 1000.00 FEET, A DELTA ANGLE OF 06°09'39", AN ARC LENGTH OF 107.53 FEET, WHOSE LONG CHORD BEARS S88°59'34"E A DISTANCE OF 107.48 FEET;
12. THENCE S85°54'45"E A DISTANCE OF 400.64 FEET TO A CURVE TO THE RIGHT;
13. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 7540.00 FEET, A DELTA ANGLE OF 03°02'05", AN ARC LENGTH OF 399.38 FEET, WHOSE LONG CHORD BEARS S84°23'42"E A DISTANCE OF 399.33 FEET;
14. THENCE S07°07'21"W A DISTANCE OF 100.00 FEET TO A NON-TANGENT CURVE TO THE RIGHT;
15. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 7440.00 FEET, A DELTA ANGLE OF 00°18'41", AN ARC LENGTH OF 40.44 FEET, WHOSE LONG CHORD BEARS S82°43'19"E A DISTANCE OF 40.44 FEET;
16. THENCE S82°33'58"E A DISTANCE OF 1906.13 FEET;
17. THENCE S28°18'46"E A DISTANCE OF 1200.00 FEET;
18. THENCE N86°45'47"E A DISTANCE OF 400.00 FEET;
19. THENCE S44°45'04"E A DISTANCE OF 478.58 FEET TO A POINT ON THE WESTERLY BOUNDARY OF FALCON REGIONAL PARK, RECORDED WITH RECEPTION NO. 214096227 IN THE RECORDS OF EL PASO COUNTY;

THE FOLLOWING TWO (2) COURSES ARE ON SAID BOUNDARY LINE:

20. THENCE S45°14'56"W A DISTANCE OF 1150.00 FEET;
21. THENCE S00°11'44"E A DISTANCE OF 550.00 FEET;
22. THENCE S00°34'48"W A DISTANCE OF 80.00 FEET;
23. THENCE N89°25'12"W A DISTANCE OF 715.30 FEET;
24. THENCE S45°34'48"W A DISTANCE OF 14.54 FEET;
25. THENCE S00°34'48"W A DISTANCE OF 236.58 FEET;
26. THENCE S05°23'19"E A DISTANCE OF 103.70 FEET;
27. THENCE S17°01'39"E A DISTANCE OF 103.70 FEET;
28. THENCE S22°59'45"E A DISTANCE OF 174.64 FEET TO A POINT ON THE NORTHERLY BOUNDARY OF FALCON HIGH SCHOOL, RECORDED WITH RECEPTION NO. 206058517 IN THE RECORDS OF EL PASO COUNTY;
29. THENCE S89°19'41"W A DISTANCE OF 21.70 FEET ALONG SAID BOUNDARY;
30. THENCE S67°31'44"W A DISTANCE OF 80.00 FEET TO A POINT ON THE EASTERLY BOUNDARY OF MERIDIAN RANCH FILING NO. 11A, RECORDED WITH RECEPTION NO. 214713513 IN THE RECORDS OF EL PASO COUNTY AND A NON-TANGENT CURVE TO THE LEFT;

THE FOLLOWING NINE (9) COURSES ARE ON SAID BOUNDARY LINE:

31. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 1710.00 FEET, A DELTA ANGLE OF 00°31'29", AN ARC LENGTH OF 15.66 FEET, WHOSE LONG CHORD BEARS N22°44'00"W A DISTANCE OF 15.66 FEET;
32. THENCE N22°59'45"W A DISTANCE OF 63.09 FEET;
33. THENCE S86°16'43"W A DISTANCE OF 450.00 FEET;
34. THENCE N63°51'45"W A DISTANCE OF 640.00 FEET;
35. THENCE N30°07'09"W A DISTANCE OF 150.37 FEET;
36. THENCE N81°02'28"W A DISTANCE OF 138.95 FEET;
37. THENCE N05°41'51"W A DISTANCE OF 647.93 FEET;
38. THENCE N80°23'28"W A DISTANCE OF 503.71 FEET;
39. THENCE S72°14'49"W A DISTANCE OF 634.05 FEET TO A POINT ON THE EASTERLY BOUNDARY OF MERIDIAN RANCH FILING NO. 8, RECORDED WITH RECEPTION NO. 215713635 IN THE RECORDS OF EL PASO COUNTY;

THE FOLLOWING ELEVEN (11) COURSES ARE ON SAID BOUNDARY LINE:

40. THENCE N05°03'36"W A DISTANCE OF 165.00 FEET;
41. THENCE N20°15'12"W A DISTANCE OF 165.00 FEET;
42. THENCE N31°56'26"W A DISTANCE OF 165.00 FEET;
43. THENCE N42°44'55"W A DISTANCE OF 102.00 FEET;
44. THENCE N55°18'55"W A DISTANCE OF 75.00 FEET;

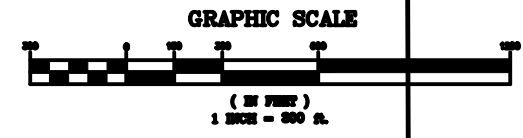
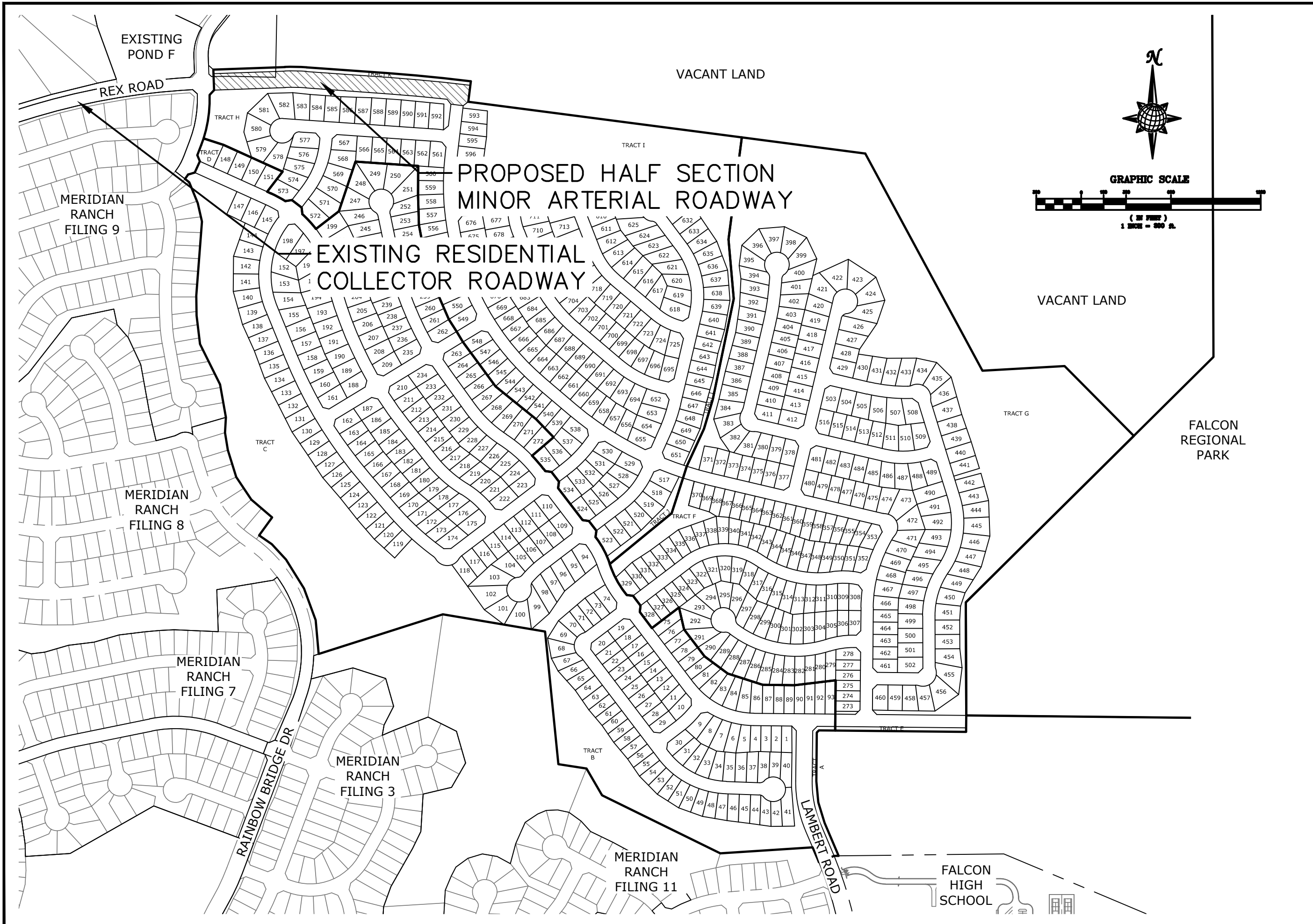
45. THENCE N36°06'38"E A DISTANCE OF 108.00 FEET;
46. THENCE N49°25'02"W A DISTANCE OF 134.00 FEET;
47. THENCE N33°45'49"W A DISTANCE OF 132.00 FEET;
48. THENCE N17°12'24"W A DISTANCE OF 137.00 FEET;
49. THENCE N09°04'29"W A DISTANCE OF 85.86 FEET;
50. THENCE N03°22'02"E A DISTANCE OF 74.77 FEET TO A POINT ON THE EASTERLY BOUNDARY OF SAID MERIDIAN RANCH FILING NO. 9;

THE FOLLOWING SEVEN (7) COURSES ARE ON SAID BOUNDARY LINE:

51. THENCE N10°04'06"W A DISTANCE OF 162.63 FEET;
52. THENCE N26°31'01"W A DISTANCE OF 218.96 FEET;
53. THENCE N06°43'25"W A DISTANCE OF 140.00 FEET;
54. THENCE N01°13'59"W A DISTANCE OF 97.14 FEET;
55. THENCE N04°28'51"E A DISTANCE OF 360.75 FEET;
56. THENCE N12°48'36"W A DISTANCE OF 91.63 FEET;
57. THENCE N22°11'16"W A DISTANCE OF 110.06 FEET TO THE POINT OF BEGINNING.

THE ABOVE PARCEL OF LAND CONTAINS 251.094 ACRES, MORE OR LESS.

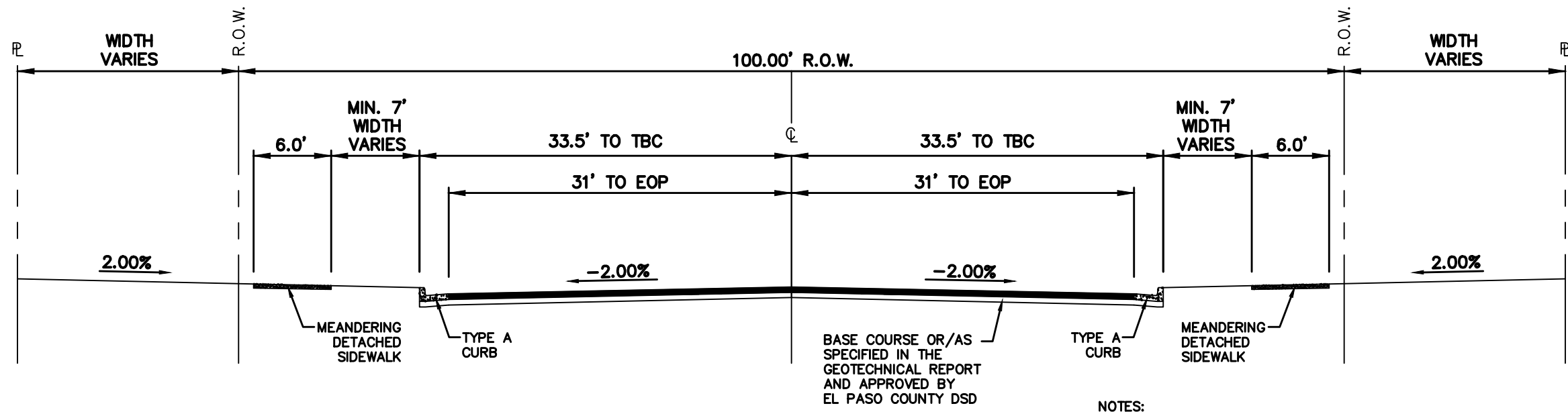
BEARINGS ARE BASED ON THE SOUTH LINE OF THE SW ¼ OF SECTION 29, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., ASSUMED TO BEAR S89°25'42"E FROM THE SOUTHWEST CORNER OF SAID SECTION 29 (A STONE W/SCRIBED "X") TO THE SOUTH QUARTER CORNER OF SAID SECTION 29 (3.25" ALUM. CAP LS #30087).



TECH CONTRACTORS
 11886 STAPLETON DRIVE
 FALCON, CO 80831
 TELEPHONE: 719.495.7444
 FAX: 719.495.2457

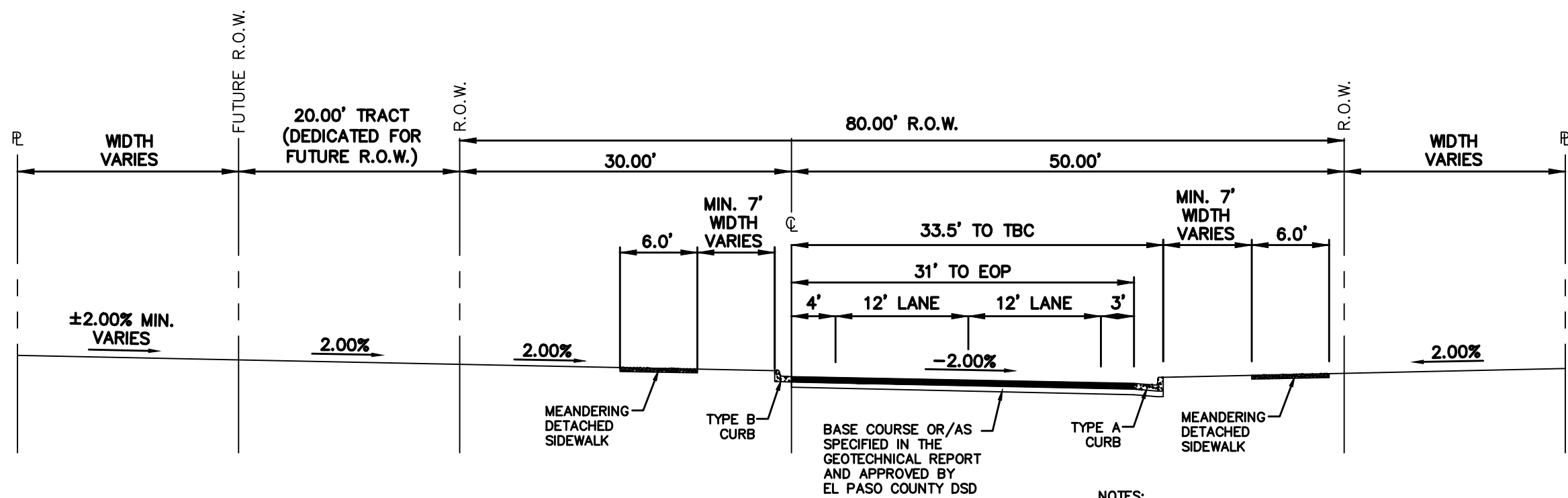
ROLLING HILLS RANCH PUD
 MINOR ARTERIAL DEVIATION
 LOCATION MAP

Scale	AS SHOWN	Drawn by	LOA	Checked by	TAK	Date	OCT 2019
	Sheet Number	A					



REX ROAD
MINOR ARTERIAL
 SCALE : N.T.S.

NOTES:
 1. ASPHALT DETERMINED BY HVEEM METHOD AND APPROVED BY EL PASO COUNTY DSD.



REX ROAD
TEMP. MINOR ARTERIAL
 SCALE : N.T.S.

NOTES:
 1. ASPHALT DETERMINED BY HVEEM METHOD AND APPROVED BY EL PASO COUNTY DSD.

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ROLLING HILLS RANCH PUD
 REX ROAD HALF SECTION
 MINOR ARTERIAL DEVIATION

Drawn by	LOA
Checked by	TAK
Date	OCT 2010

Scale	AS SHOWN
Sheet Number	A