



Planning and Community
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DEVIATION REQUEST AND DECISION FORM

Updated: 6/26/2019

PROJECT INFORMATION

Project Name : Estates at Rolling Hills Ranch Filing 2

Schedule No.(s) : 4200000407 & 4219100001

Legal Description : See attached

APPLICANT INFORMATION

Company : Tech Contractors

Name : Tom Kerby

☐ Owner ☒ Consultant ☐ Contractor

Mailing Address : 11886 Stapleton Drive
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 : tom@meridianranch.com

Phone Number : 719.495.7444

FAX Number : n/a

Email Address : tom@meridianranch.com

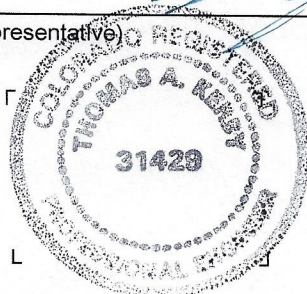
OWNER, APPLICANT, AND ENGINEER DECLARATION

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



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

A deviation from the standards of or in Section **2.2.4.B.3 Urban Minor Arterial & 2.3.2 Design Standards by Functional Classification, Table 2-6** of the Engineering Criteria Manual (ECM) is requested.

Identify the specific ECM standard which a deviation is requested:

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

State the reason for the requested deviation:

The portion of Rex Road between Mt Gateway 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) total ADT is estimated to be 7,470 vehicles per day (this project plus background traffic) 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 an 80-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 roadway design standards for Urban Minor Arterial roads will be used to design and construct Rex Road east of Sunrise Ridge Dr. Except that intersection spacing between Sunrise Ridge Dr and Eastonville Rd will be less than the ECM standard as shown in the attached Exhibit B, The proposed intersection spacing matches that of a Residential Collector since the roadway will operate similar to this class of roadway in the short term and projected long term. The intersection spacing of Residential Collectors with Residential Street is 330 feet. The proposed alternative road right of way matches the existing Rex Road right of way west of Sunrise Ridge Drive.

The proposed roadway will be the half section of the El Paso County standard section for Urban Minor Arterial road as shown in the attached Exhibit C.

The alternative design is to 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 Estate Ridge Drive. The half section will be constructed per the attached drawing depicting the half section from centerline south to southerly right of way line. A 80 foot right of way will be dedicated with an additional 20 foot wide reservation within the adjacent Tract D as shown on the Estates at Rolling Hills Ranch Filing 2 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 southern ROW line along Rex Road will match east and west of Sunrise Ridge Drive with additional ROW to be acquired by the County along the northern portion of the roadway west of Sunrise Ridge Drive from adjacent open space and private land owners at such time as when El Paso County deems it necessary to construct the full width Urban Minor Arterial roadway section from Eastonville Road west to near Mt. Gateway Drive.

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 provide 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.

The design provides the southern half of the roadway (centerline to southern curb. This provides a better design in that when and if the roadway is widened to the full width Urban Minor Arterial, all of the improvements south of the centerline will provide a future cost savings without the need to redesign and/or remove/replace large portions of the roadway.

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 of Sunrise Ridge Dr. The design will have the travel lanes east and west of Sunrise Ridge match eliminating the need to include lane drops east of Sunrise Ridge Dr.

Merging traffic at lane drops and redirects create a potential risk for accidents east of the intersection. The half section will safely carry the anticipated total traffic volume from Eastonville Road to Mt. Gateway at the projected total traffic volume.

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 2.2.4 B3, 2.3.2 of the ECM is hereby granted based on the justification provided.

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APPROVED
Engineering Department
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dsdnijkamp
EPC Planning & Community
Development Department
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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 19 AND 20,
IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEASTERN MOST CORNER OF TRACT B OF THE ESTATES AT ROLLING HILLS RANCH FILING NO. 1, RECORDED WITH RECEPTION NO. _____ IN THE RECORDS OF EL PASO COUNTY, POINT BEING ON THE NORTHEAST 1/4 OF SAID SECTION 19;

1. THENCE S89°18'07"E ALONG SAID SECTION 19 A DISTANCE OF 40.70 FEET TO THE NORTHWEST CORNER OF SAID SECTION 20;
2. THENCE S89°25'43"E, ALONG THE NORTHERN LINE OF SAID SECTION 20 A DISTANCE OF 2532.88 FEET;
3. THENCE S00°34'17"W A DISTANCE OF 340.00 FEET;
4. THENCE S06°47'53"E A DISTANCE OF 290.00 FEET;
5. THENCE S11°14'55"E A DISTANCE OF 525.00 FEET;
6. THENCE N82°33'58"W A DISTANCE OF 235.05 FEET;
7. THENCE S07°26'02"W A DISTANCE OF 480.00 FEET;
8. THENCE N82°33'58"W A DISTANCE OF 168.00 FEET;
9. THENCE S07°26'02"W A DISTANCE OF 60.00 FEET;
10. THENCE S52°26'02"W A DISTANCE OF 31.11 FEET;
11. THENCE S07°26'02"W A DISTANCE OF 336.00 FEET;
12. THENCE S37°33'58"E A DISTANCE OF 31.11 FEET;
13. THENCE S07°26'02"W A DISTANCE OF 60.00 FEET;
14. THENCE S52°26'02"W A DISTANCE OF 31.11 FEET;
15. THENCE S07°26'02"W A DISTANCE OF 196.00 FEET;
16. THENCE S37°33'58"E A DISTANCE OF 31.11 FEET;
17. THENCE S07°26'02"W A DISTANCE OF 80.00 FEET;
18. THENCE N82°33'58"W A DISTANCE OF 518.76 FEET TO A CURVE TO THE LEFT;
19. 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 N82°43'19"W A DISTANCE OF 40.44 FEET;
20. THENCE S51°52'47"W A DISTANCE OF 31.03 FEET;
21. THENCE N83°16'41"W A DISTANCE OF 60.00 FEET;
22. THENCE N38°26'09"W A DISTANCE OF 31.03 FEET TO A NON-TANGENT CURVE TO THE LEFT;
23. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 7440.00 FEET, A DELTA ANGLE OF 02°14'02", AN ARC LENGTH OF 290.08 FEET, WHOSE LONG CHORD BEARS N84°47'44"W A DISTANCE OF 290.06 FEET;
24. THENCE N85°54'45"W A DISTANCE OF 400.64 FEET TO A CURVE TO THE LEFT;
25. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 900.00 FEET, A DELTA ANGLE OF 06°09'39", AN ARC LENGTH OF 96.77 FEET, WHOSE LONG CHORD BEARS N88°59'34"W A DISTANCE OF 96.73 FEET;
26. THENCE S87°55'36"E A DISTANCE OF 348.00 FEET TO A POINT ON THE EASTERLY BOUNDARY OF SAID THE ESTATES AT ROLLING HILLS RANCH FILING NO. 1;

THE FOLLOWING FOURTEEN (14) COURSES ARE ON SAID BOUNDARY LINE:

27. THENCE N02°04'24"W A DISTANCE OF 100.00 FEET;
28. THENCE N47°04'24"W A DISTANCE OF 31.11 FEET;
29. THENCE N02°04'24"W A DISTANCE OF 45.00 FEET TO A CURVE TO THE RIGHT;
30. THENCE ON THE ARC OF SAID CURVE, HAVING A RADIUS OF 220.00 FEET, A DELTA ANGLE OF 40°46'08", AN ARC LENGTH OF 156.54 FEET, WHOSE LONG CHORD BEARS N18°18'40"E A DISTANCE OF 153.26 FEET;
31. THENCE N38°41'44"E A DISTANCE OF 231.44 FEET;
32. THENCE N51°18'16"W A DISTANCE OF 60.00 FEET;
33. THENCE S83°41'44"W A DISTANCE OF 31.11 FEET;
34. THENCE N51°18'16"W A DISTANCE OF 170.23 FEET;
35. THENCE N38°41'44"E A DISTANCE OF 150.00 FEET;
36. THENCE N00°00'00"E A DISTANCE OF 254.85 FEET;
37. THENCE N30°02'34"W A DISTANCE OF 180.68 FEET;
38. THENCE N35°00'00"W A DISTANCE OF 540.00 FEET;
39. THENCE N00°00'00"E A DISTANCE OF 232.89 FEET;
40. THENCE N00°00'00"E A DISTANCE OF 108.00 FEET;
41. THENCE N00°00'00"E A DISTANCE OF 332.03 FEET TO THE POINT OF BEGINNING.

THE ABOVE PARCEL OF LAND CONTAINS 117.211 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).

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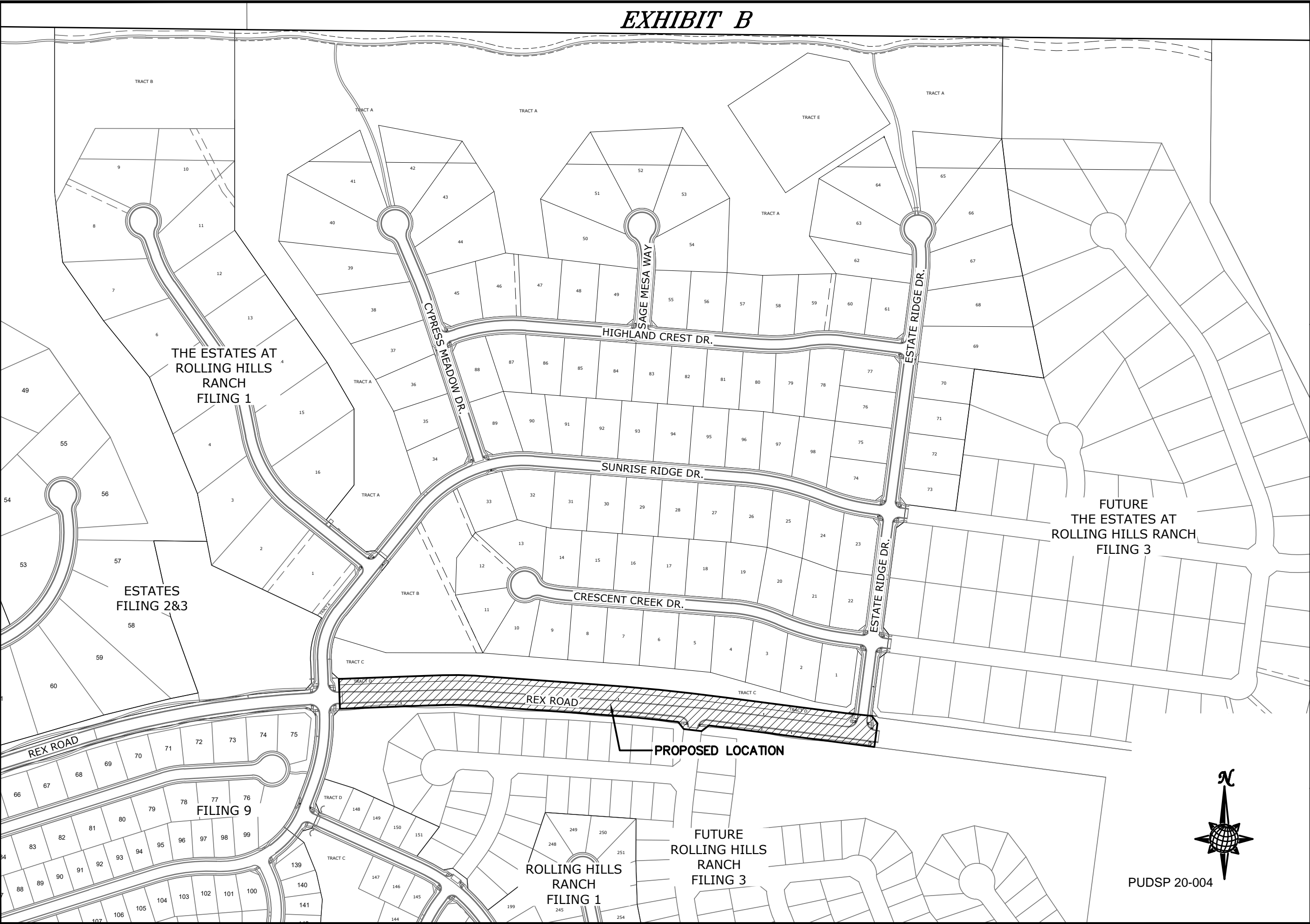
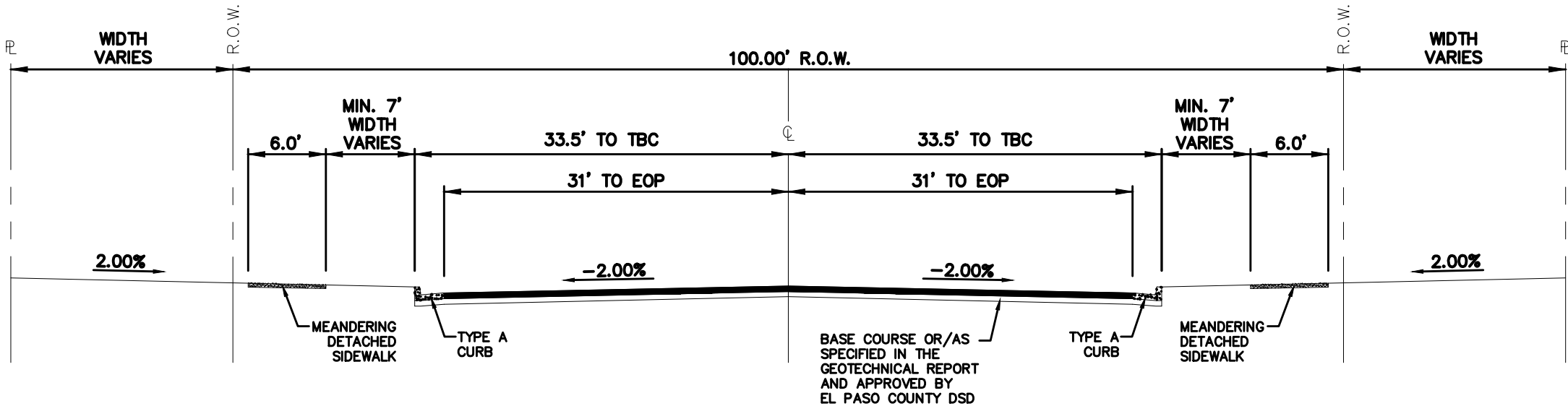


EXHIBIT B

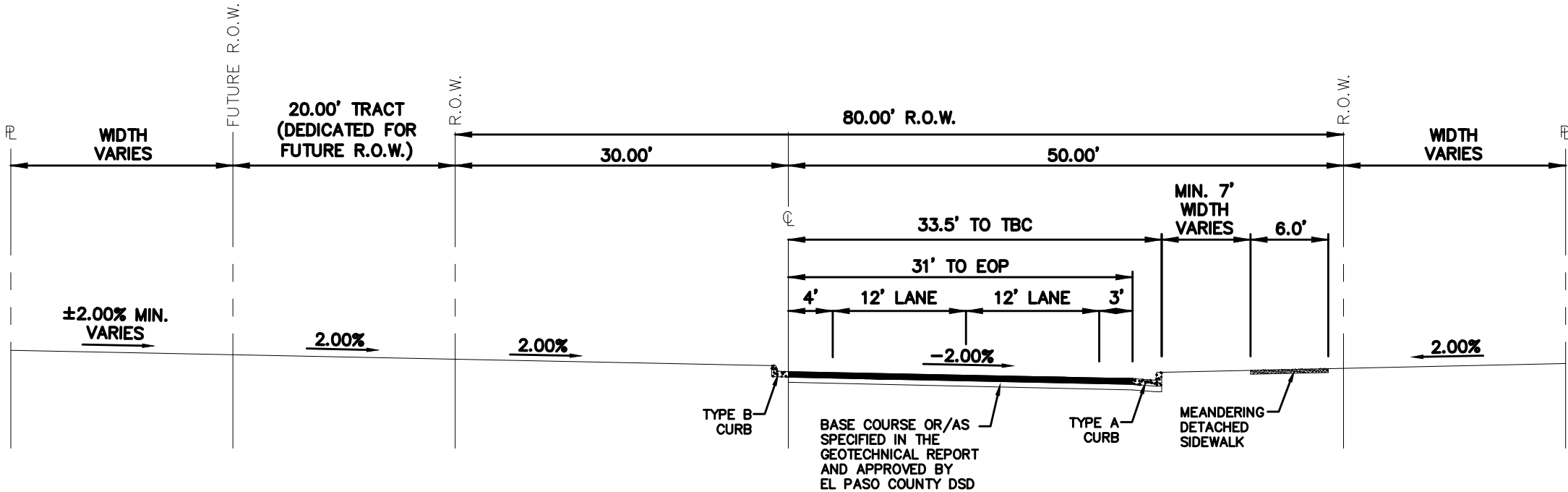
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EXHIBIT C



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



REX ROAD
TEMP. MINOR ARTERIAL
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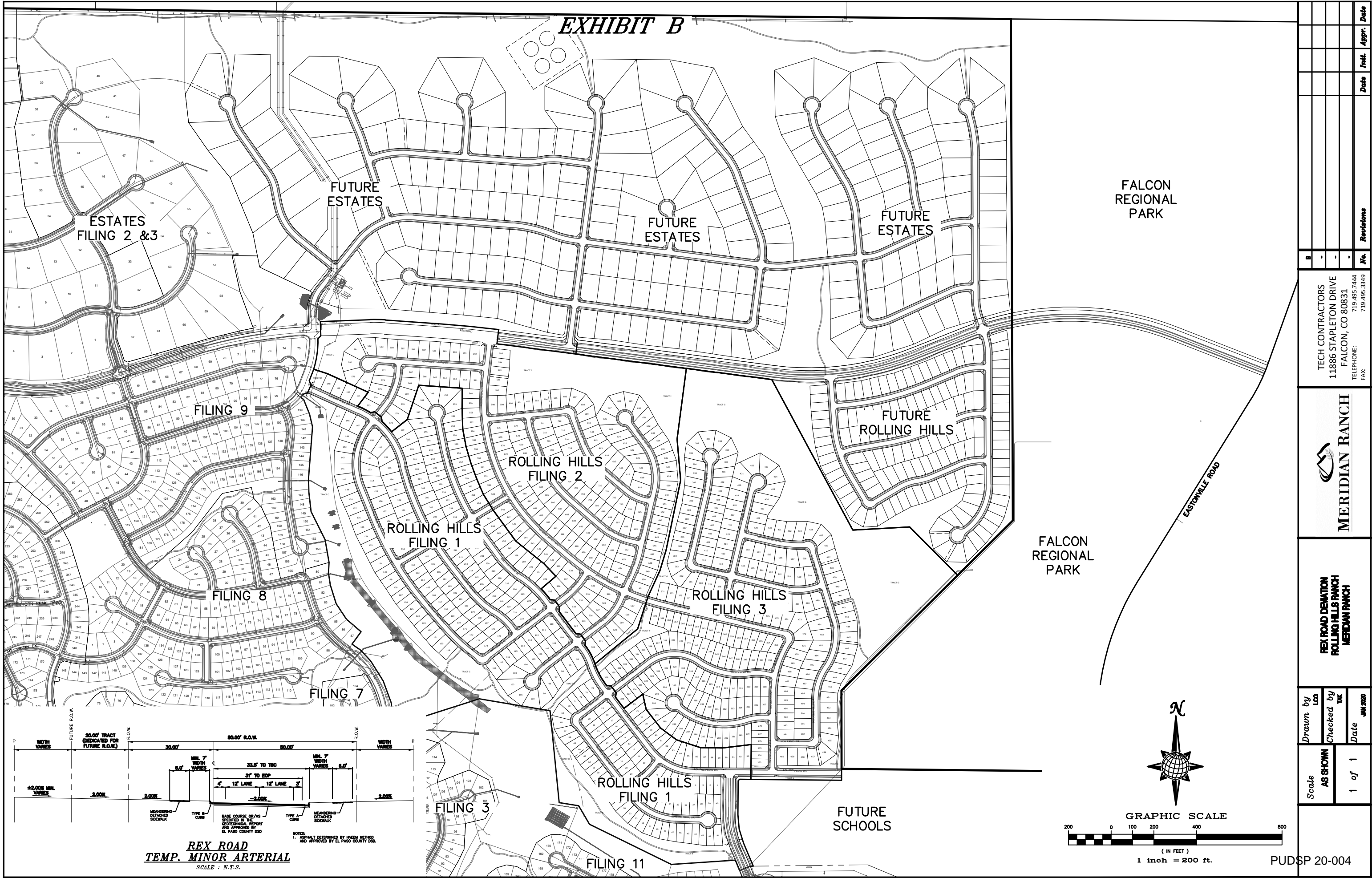
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REX ROAD

TECH CONTRACTORS
11886 STAPLETON DRIVE
FALCON, CO 80831
TELEPHONE: 719.495.7444
FAX: 719.495.3349

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