

Please identify all proposed lines shown which do not tie into existing grade or intersect through other proposed grade.

Identify if the existing road will be removed

Update to the new road name

LOT 3
2.6 AC (GR)
2.5 AC (NT)

LOT 2
2.5 AC

LOT 1
2.5 AC

LOT 4
2.5 AC

LOT 10
2.5 AC

LOT 16
2.5 AC

LOT 5
2.5 AC

LOT 9
2.5 AC

LOT 15
2.5 AC

LOT 6
3.3 AC (GR)
2.5 AC (NT)

LOT 7
3.2 AC (GR)
2.5 AC (NT)

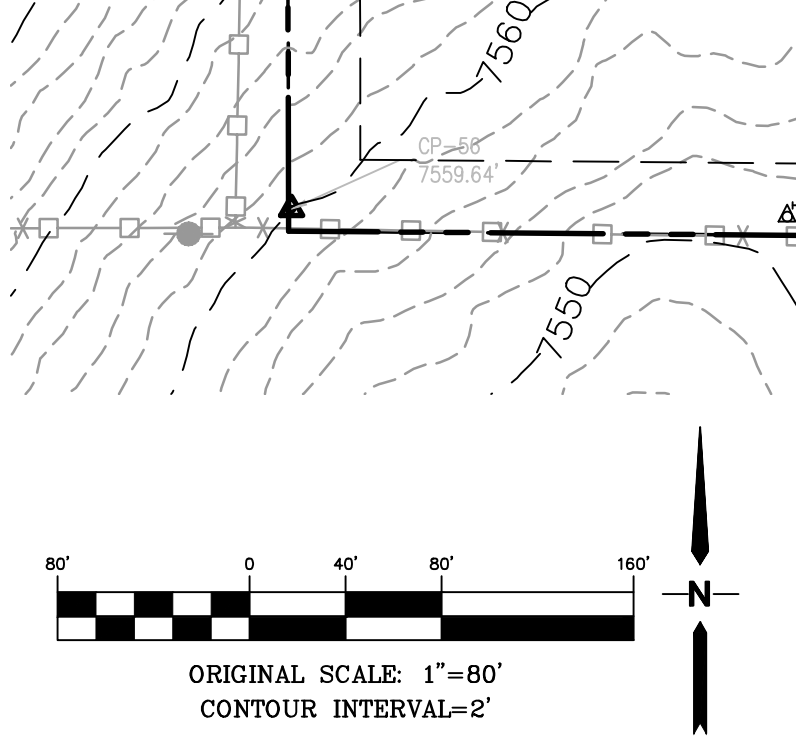
LOT 11
2.5 AC

LOT 12
2.5 AC

LOT 8
3.8 AC (GR)
2.5 AC (NT)

LOT 13
3.5 AC (GR)
2.5 AC (NT)

LOT 14
3.3 AC (GR)
2.5 AC (NT)



KEYED NOTES:

- ① CONTRACTOR MAY WASTE EXCESS CUT MATERIAL OR BORROW SUITABLE FILL MATERIAL FROM THIS AREA. MATCH INTO EXISTING GRADES WITH 3:1 MAX CUT AND FILL SLOPES AND MAINTAIN POSITIVE DRAINAGE IN ALL AREAS. ANY PERMANENT BERMS SHALL BE REVIEWED AND APPROVED BY EL PASO COUNTY.
- ② TOPSOIL STOCKPILE AREA

ESTIMATED EARTHWORK QUANTITY:
UNCLASSIFIED EXCAVATION (TOTAL CUT) = 14,461 CY
* EMBANKMENT FILL = 29,188 CY
NET (FILL) = 14,727 CY
* (ASSUMES 15% COMPACTION FACTOR)

NOTE: THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING THE CALCULATED BULK EARTHWORK VOLUME TO FINISHED GRADE, EXCLUDING ANY ADJUSTMENT FOR PAVEMENT DEPTHS, ETC. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES AS BASIS FOR BID PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

EROSION CONTROL:

- (RR) RIPRAP
- (VTC) VEHICLE TRACKING PAD
- (SF) SILT FENCE
- (FSD) FULL-SPECTRUM DETENTION BASIN
- (SCL) SEDIMENT CONTROL LOG
- (IP) INLET PROTECTION

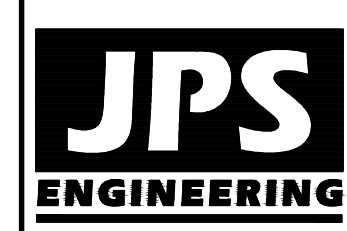
LEGEND:

- NEW/EXISTING
- SECTION LINE - NEW/EXISTING
- EASEMENT LINE - NEW/EXISTING
- CONTOUR - NEW/EXISTING
- PROPERTY LINE - NEW/EXISTING
- FENCE - NEW/EXISTING
- OVERHEAD ELECTRIC LINE W/ POWER POLE NEW/EXISTING
- UNDERGROUND ELECTRIC LINE NEW/EXISTING
- UNDERGROUND ELECTRIC - NEW/EXISTING
- TEL - NEW/EXISTING
- GAS - NEW/EXISTING
- WT - NEW/EXISTING
- SECTION NUMBER
- SHEET ON WHICH SECTION IS SHOWN

BENCHMARK:
SURVEY CONTROL POINTS AS SHOWN. ALL ELEVATION BASED UPON NGS DESIGNATION "4 BB RESET" ELEVATION = 7570.80 (NAVD 88 VERTICAL DATUM)

Please be sure to provide a construction BMP around the stockpile in the final GEC Plan

Temporary sedimentation basins are required. Please provide as necessary.



19 E. Willamette Ave.
Colorado Springs, CO
80903
PH: 719-477-9429
FAX: 719-471-0766
www.jpsegr.com



CALL UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
CALL BEFORE YOU DIG. IN AN EXCAVATE BEFORE YOU DIG GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

DATE	BY	REVISION
12/07/17	JPS	COUNTY SUBMITTAL
4/30/18	JPS	COUNTY COMMENTS

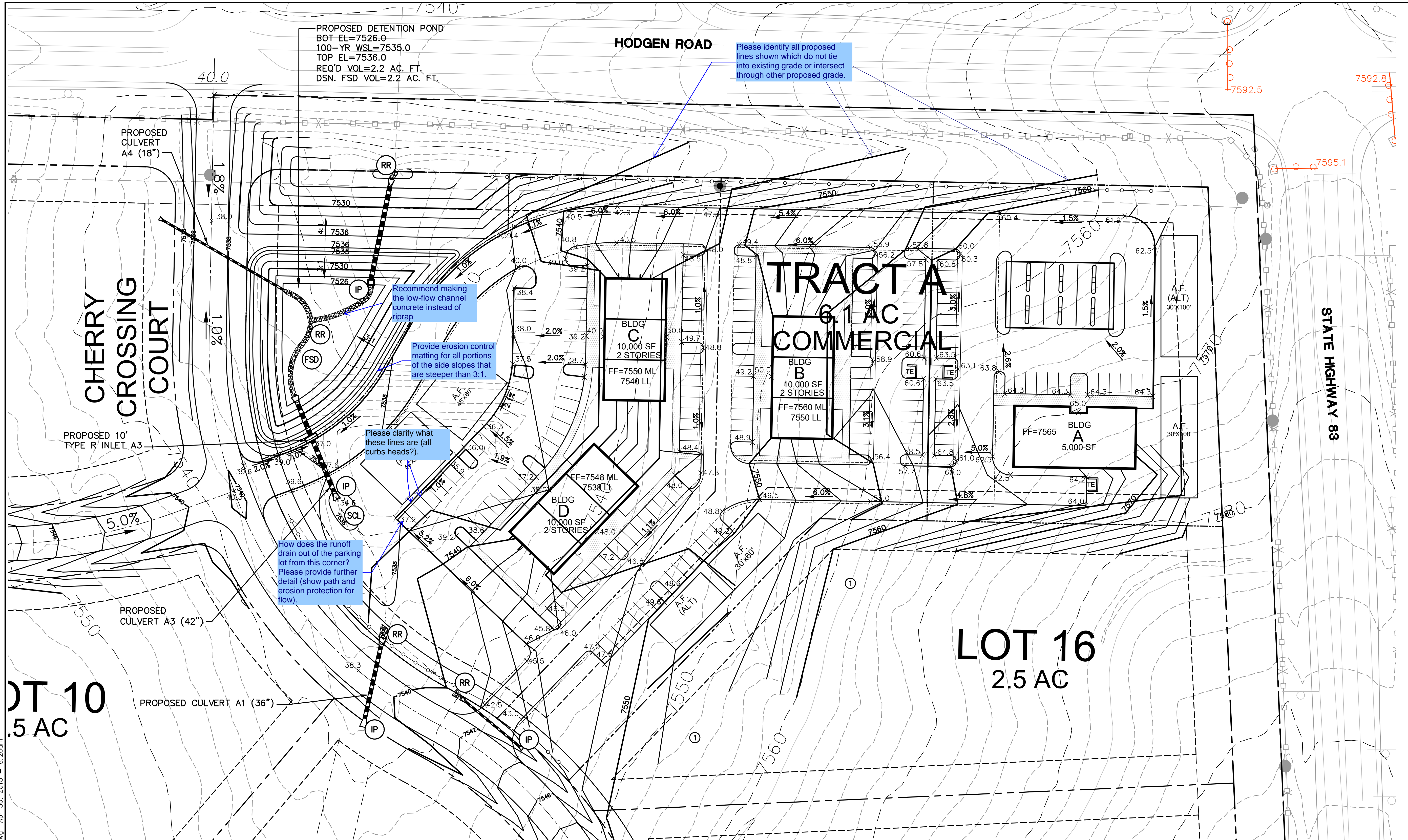
ROLLIN RIDGE ESTATES

SITE GRADING & EROSION CONTROL PLAN

HORZ. SCALE: 1"=80'	DRAWN: BJJ
VERT. SCALE: N/A	DESIGNED: JPS
SURVEYED: RAMPART	CHECKED: JPS
CREATED: 9/12/17	LAST MODIFIED: 4/30/18
PROJECT NO: 081702	MODIFIED BY: BJJ

PRELIMINARY EPC PROJECT NO. SP-18-001

C1



BENCHMARK:
 SURVEY CONTROL POINTS AS SHOWN. ALL ELEVATION BASED UPON NGS DESIGNATION "4 BB RESET" ELEVATION = 7570.80 (NAVD 88 VERTICAL DATUM)

KEYED NOTES:

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EROSION CONTROL:

- RR RIPRAP
- VTC VEHICLE TRACKING PAD
- SF SILT FENCE
- FSD FULL-SPECTRUM DETENTION BASIN
- SCL SEDIMENT CONTROL LOG
- IP INLET PROTECTION

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- UNDERGROUND ELECTRIC - NEW/EXISTING
- TELE. - NEW/EXISTING
- GAS - NEW/EXISTING
- WATER - NEW/EXISTING

SECTION NUMBER
 1
 P1
 SHEET ON WHICH SECTION IS SHOWN

PRELIMINARY

JPS ENGINEERING

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No.	REVISION	DATE	BY
1	COUNTY SUBMITTAL	12/07/17	JPS
2	COUNTY COMMENTS	4/30/18	JPS

ROLLIN RIDGE ESTATES

NORTHEAST SITE GRADING PLAN

1 P1

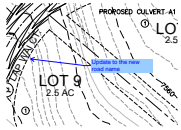
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 VERT. SCALE: N/A
 SURVEYED: N/A
 CREATED: 4/27/18
 PROJECT NO: 081702
 SHEET:

DRAWN: BJJ
 DESIGNED: JPS
 CHECKED: JPS
 LAST MODIFIED: 4/30/18
 MODIFIED BY: BJJ

C1.2

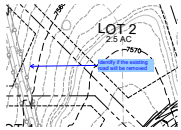
Markup Summary

dsdgrimm (16)



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Date: 6/15/2018 1:15:51 PM
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Update to the new road name



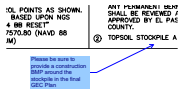
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Identify if the existing road will be removed



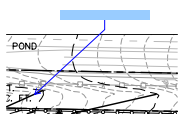
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Date: 6/15/2018 1:15:53 PM
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Temporary sedimentation basins are required.
Please provide as necessary.

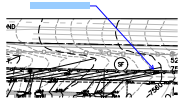


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Please be sure to provide a construction BMP
around the stockpile in the final GEC Plan



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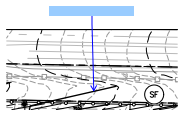


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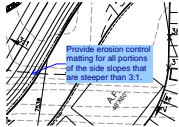


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Please identify all proposed lines shown which do
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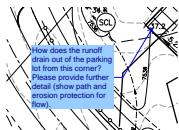


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Subject: Engineer
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Provide erosion control matting for all portions of the side slopes that are steeper than 3:1.

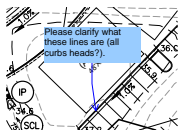


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How does the runoff drain out of the parking lot from this corner? Please provide further detail (show path and erosion protection for flow).

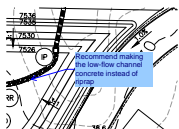


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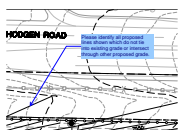
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Author: dsdgrimm
Date: 6/15/2018 1:16:27 PM
Color: ■

Please clarify what these lines are (all curbs heads?).



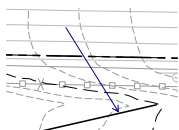
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Recommend making the low-flow channel concrete instead of riprap

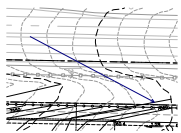


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Please identify all proposed lines shown which do not tie into existing grade or intersect through other proposed grade.



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Subject: Arrow

Page Label: 2

Lock: Locked

Author: dsdgrimm

Date: 6/15/2018 1:16:34 PM

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