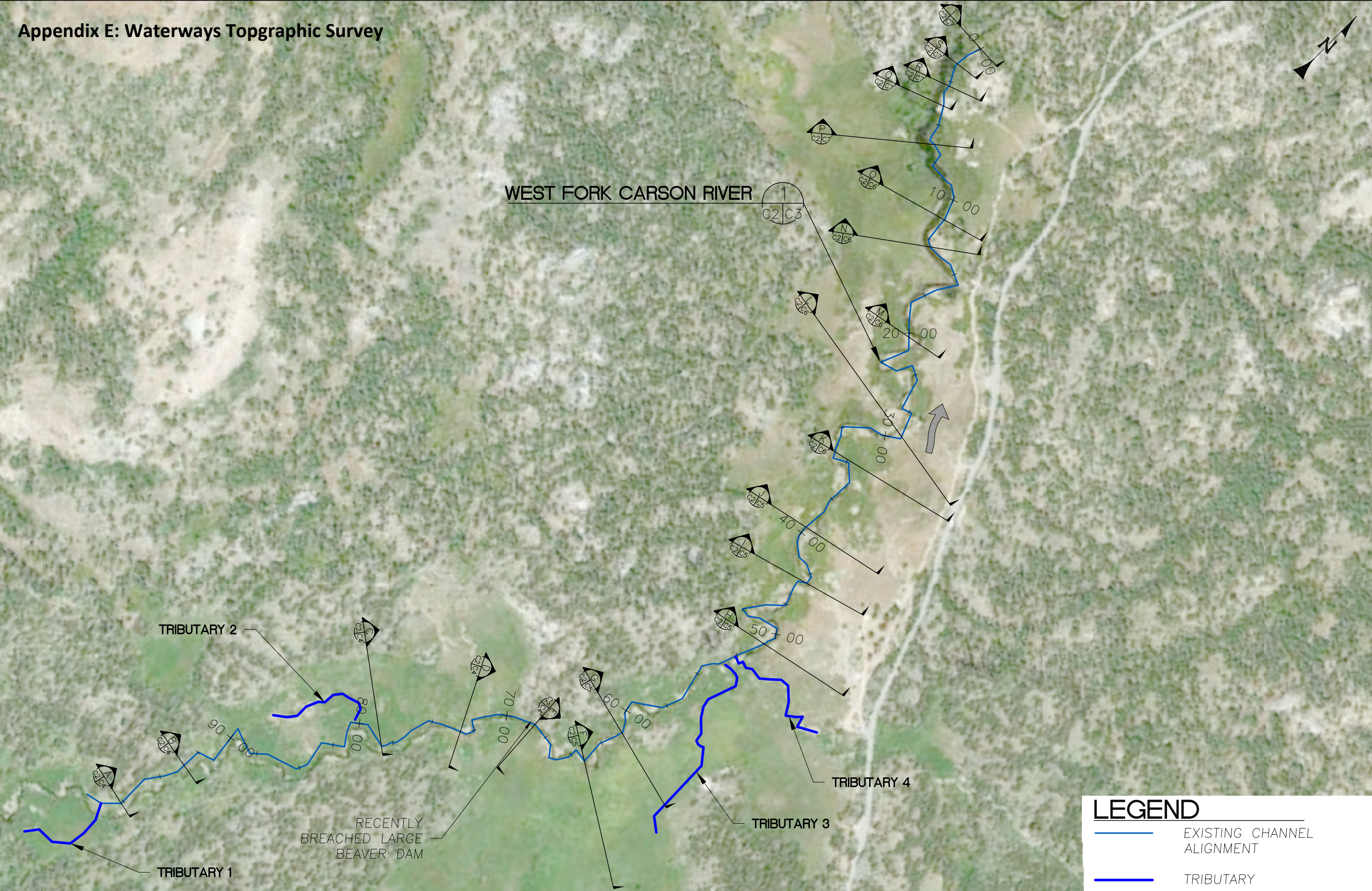


Appendix E: Waterways Topgraphic Survey



OVERVIEW
SCALE: 1" = 250'

LEGEND

— EXISTING CHANNEL ALIGNMENT

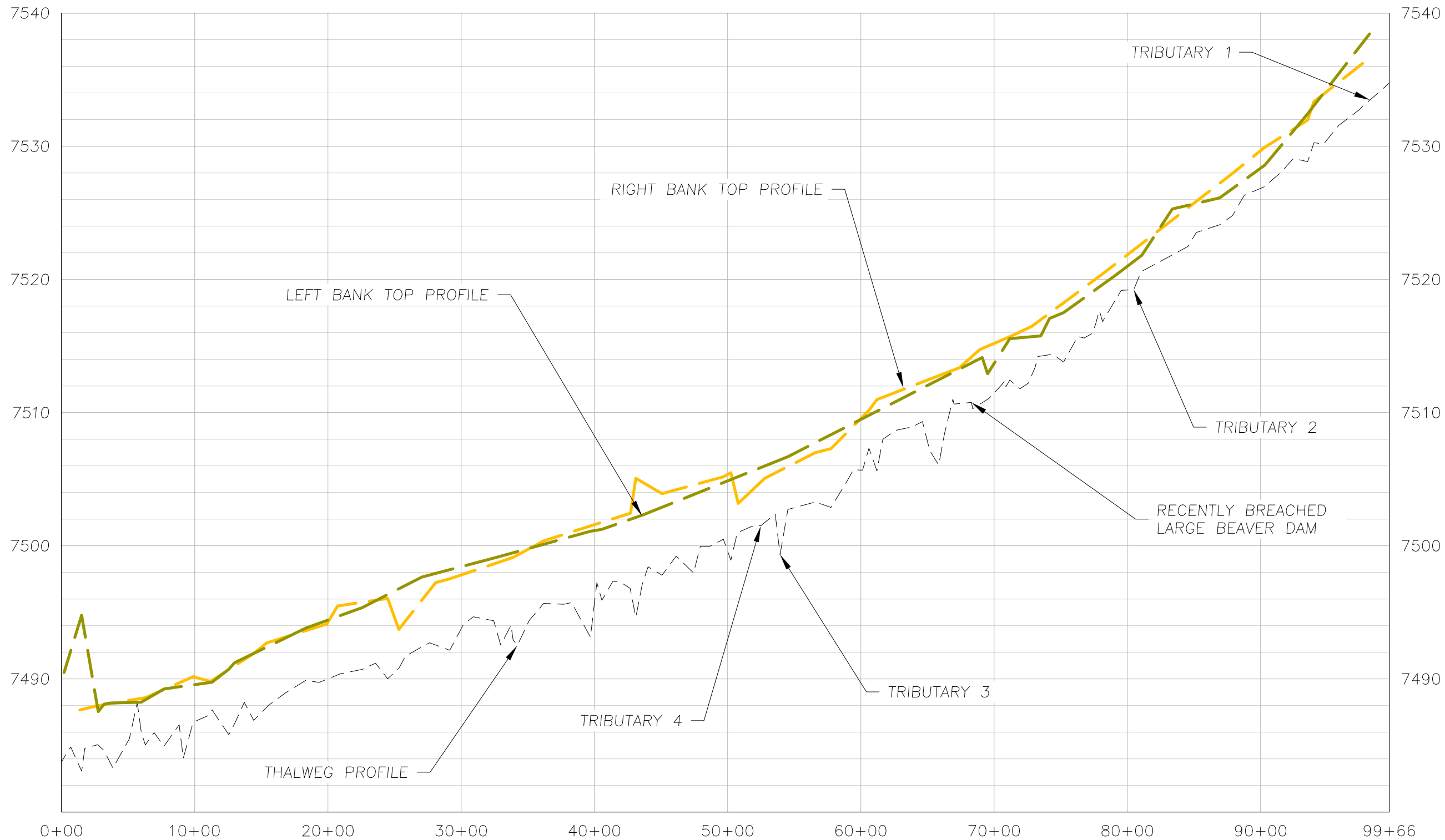
— TRIBUTARY

DRAFT

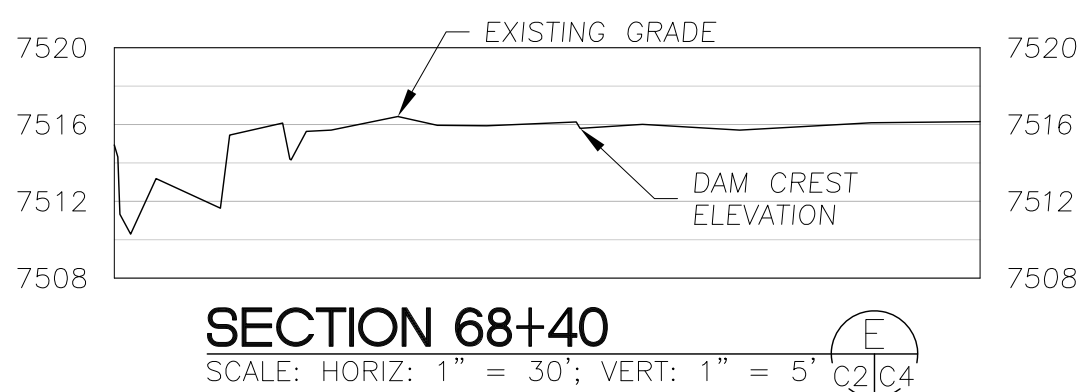
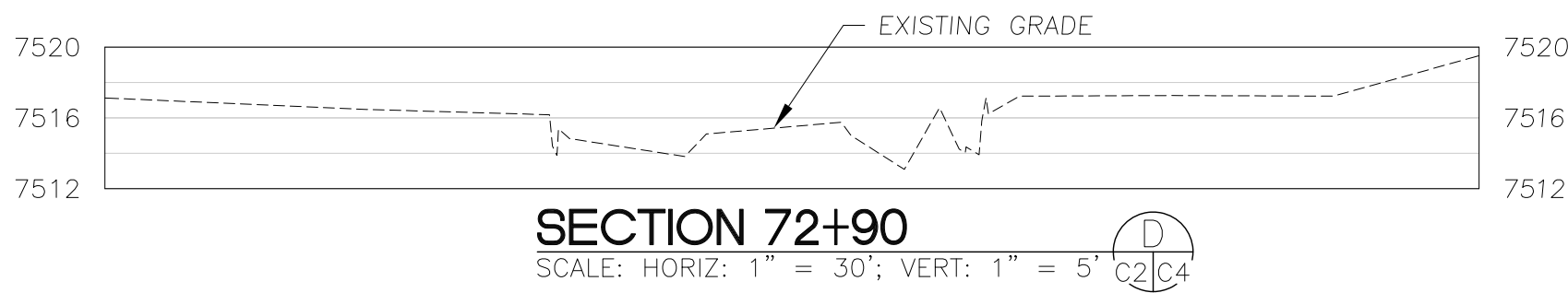
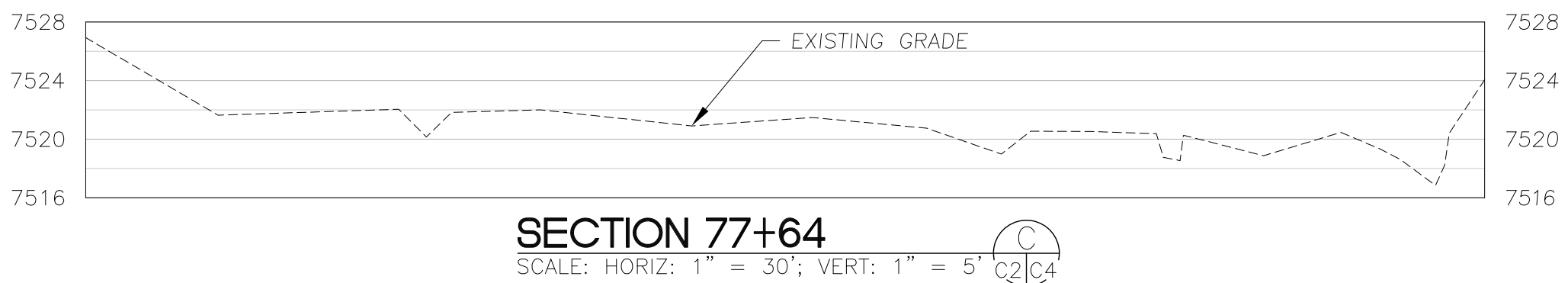
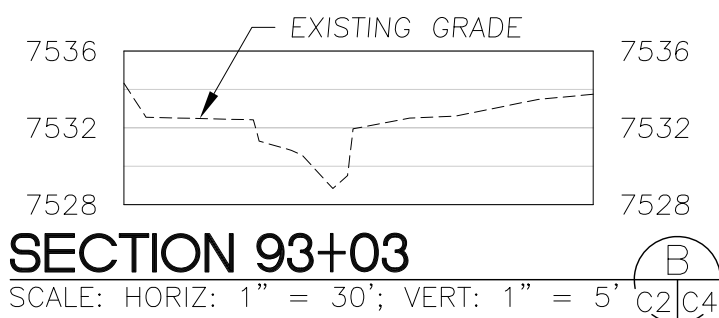
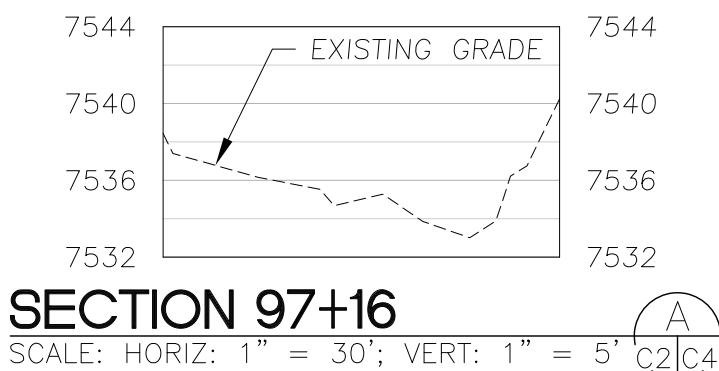
NOT FOR CONSTRUCTION

**FAITH MEADOW
OVERVIEW**

**FAITH AND
FORESTDALE
MEADOW EXISTING
CONDITIONS**



WEST FORK CARSON RIVER
SCALE: HORIZ: 1" = 400'; VERT: 1' = 4'



NOTE:
SECTION E IS AT THE LOCATION OF THE
RECENTLY BREACHED LARGE BEAVER DAM

WATERWAYS
CONSULTING INC.

509A SWIFT ST.
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**FAITH MEADOW
SECTIONS**

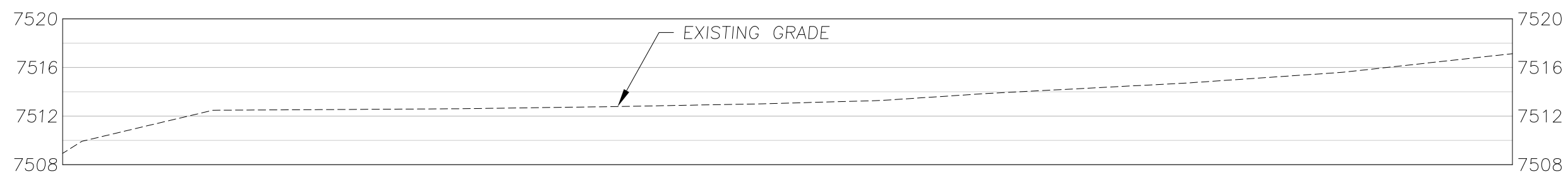
**FAITH AND
FORESTDALE
MEADOW EXISTING
CONDITIONS**

DESIGNED BY:	M.W.
DRAWN BY:	M.L.
CHECKED BY:	J.H.
DATE:	10/16/18
JOB NO.:	17-072

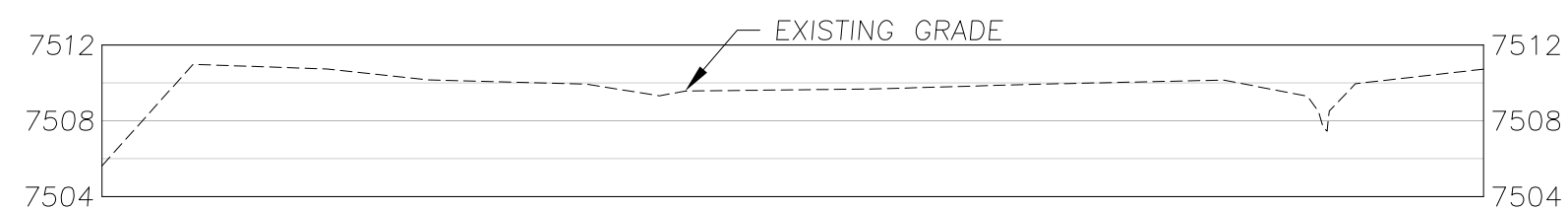
BAR IS ONE INCH ON
ORIGINAL DRAWING,
ADJUST SCALES FOR
REDUCED PLOTS

C4

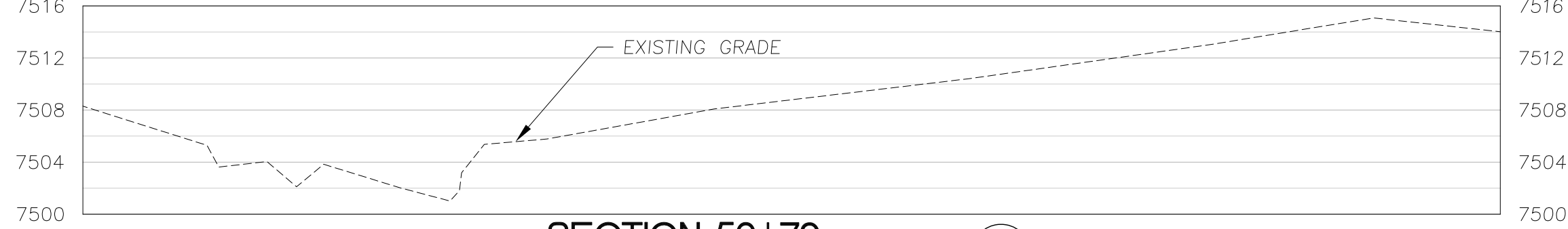
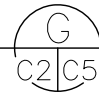
4
OF
9



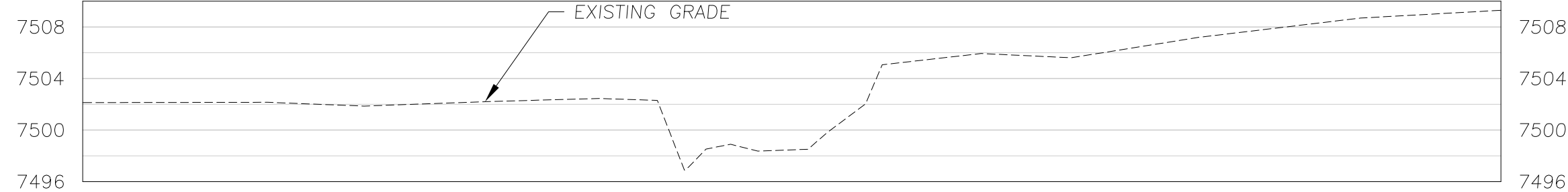
SECTION 63+87
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5'



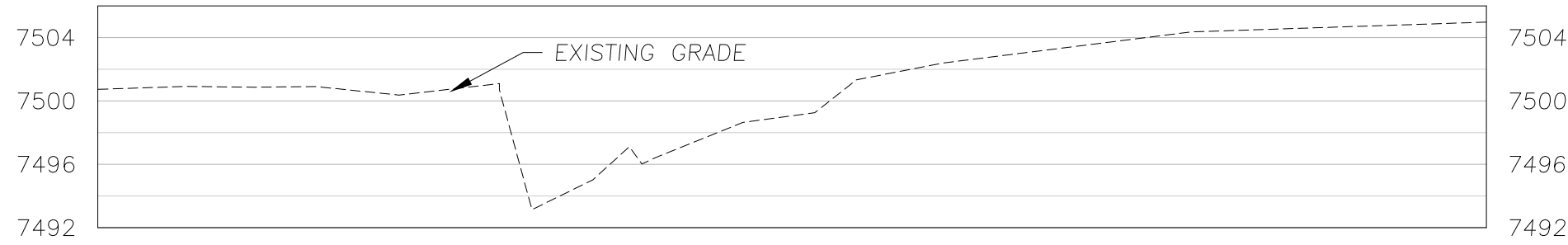
SECTION 61+20
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5'



SECTION 50+79
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5'



SECTION 43+60
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5'



SECTION 39+70
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5'





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FAITH MEADOW SECTIONS

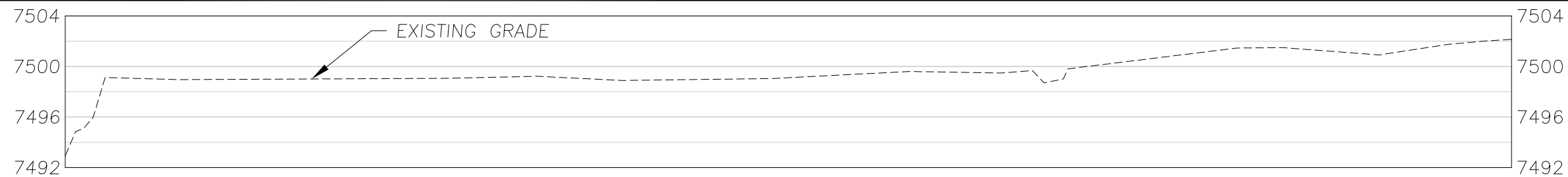
FAITH AND FORESTDALE MEADOW EXISTING CONDITIONS

DESIGNED BY: M.W.
DRAWN BY: M.L.
CHECKED BY: J.H.
DATE: 10/16/18
JOB NO.: 17-072

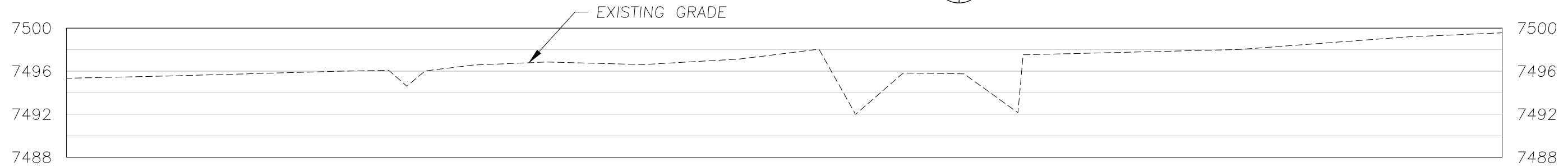
BAR IS ONE INCH ON ORIGINAL DRAWING, ADJUST SCALES FOR REDUCED PLOTS


C5

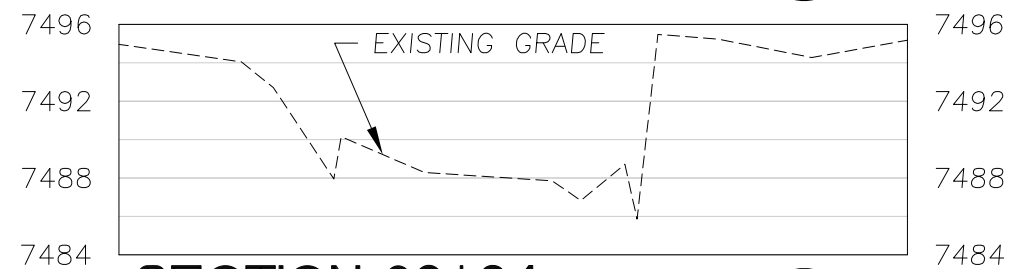
5 OF 9



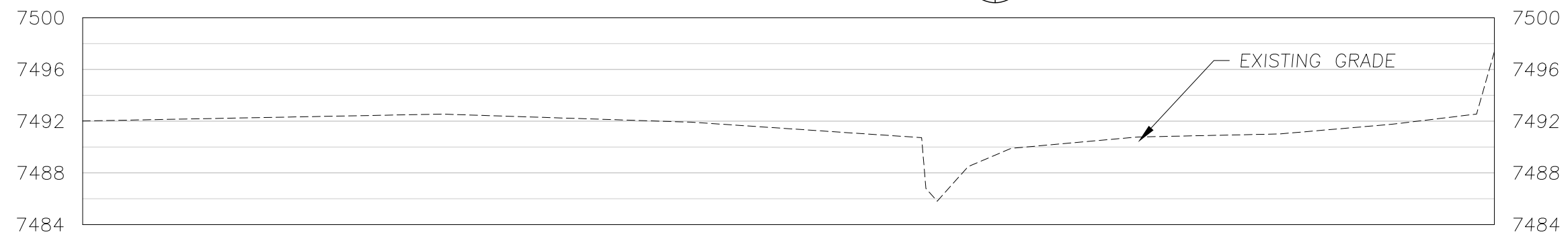
SECTION 33+90
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' K
C2 | C6



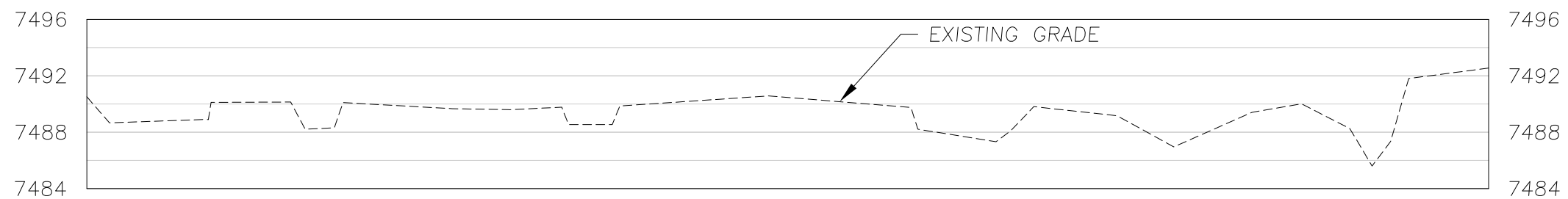
SECTION 29+14
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' L
C2 | C6



SECTION 20+34
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' M
C2 | C6



SECTION 12+56
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' N
C2 | C6



SECTION 11+18
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' O
C2 | C6

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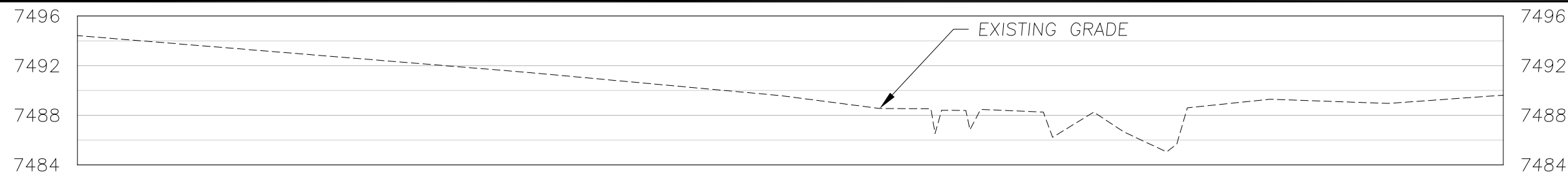
**FAITH MEADOW
SECTIONS**

**FAITH AND
FORESTDALE
MEADOW EXISTING
CONDITIONS**

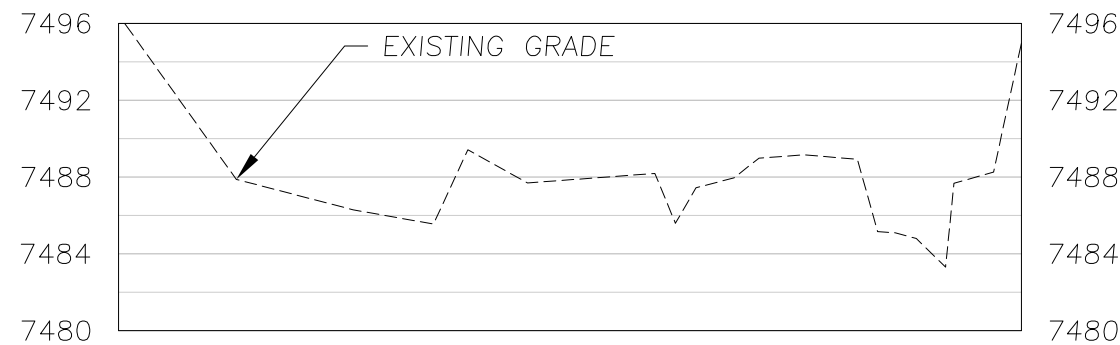
DESIGNED BY: M.W.
DRAWN BY: M.L.
CHECKED BY: J.H.
DATE: 10/16/18
JOB NO.: 17-072

BAR IS ONE INCH ON
ORIGINAL DRAWING,
ADJUST SCALES FOR
REDUCED PLOTS

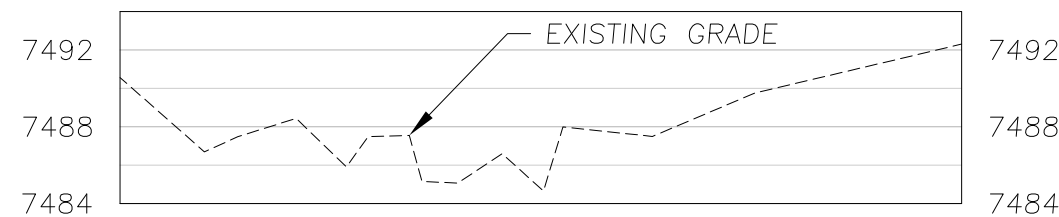
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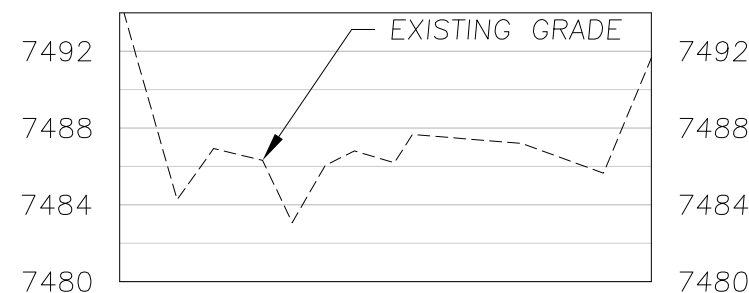
SECTION 6+30
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' P
C2 | C7



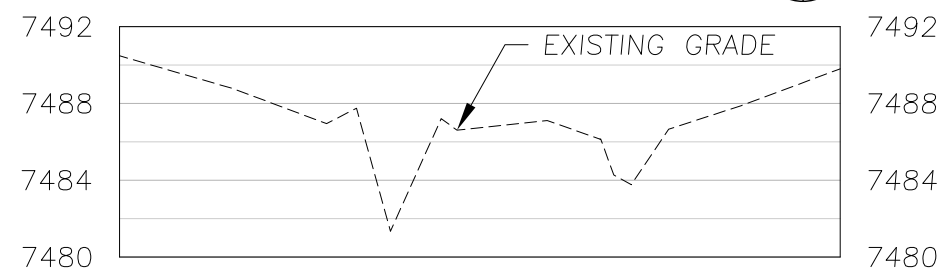
SECTION 3+86
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' Q
C2 | C7



SECTION 2+72
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' R
C2 | C7



SECTION 1+51
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' S
C2 | C7



SECTION 0+0
SCALE: HORIZ: 1" = 30'; VERT: 1" = 5' T
C2 | C7

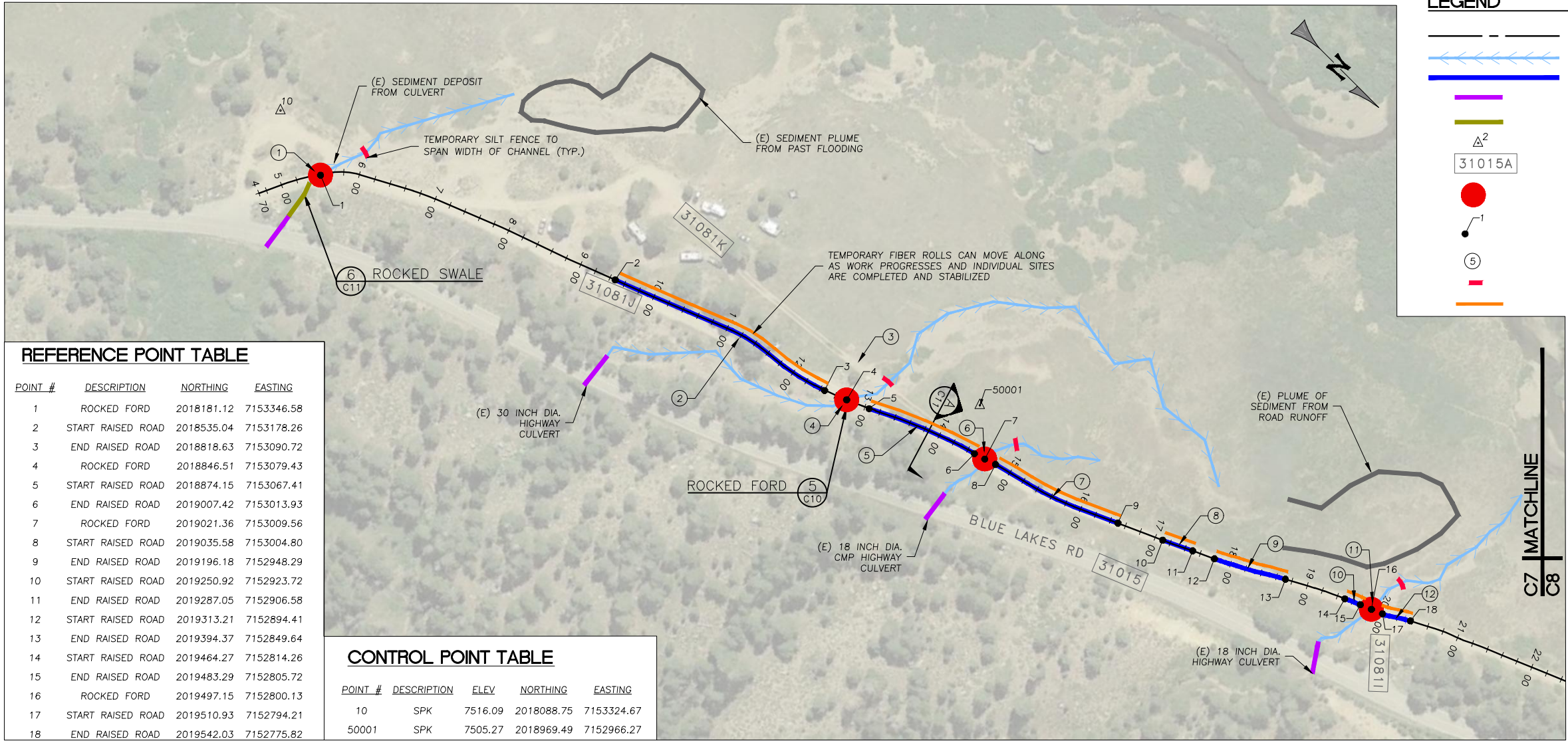
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**FAITH MEADOW
SECTIONS**

**FAITH AND
FORESTDALE
MEADOW EXISTING
CONDITIONS**

DESIGNED BY: M.W.
DRAWN BY: M.L.
CHECKED BY: J.H.
DATE: 10/16/18
JOB NO.: 17-072

BAR IS ONE INCH ON
ORIGINAL DRAWING,
ADJUST SCALES FOR
REDUCED PLOTS
0 1"

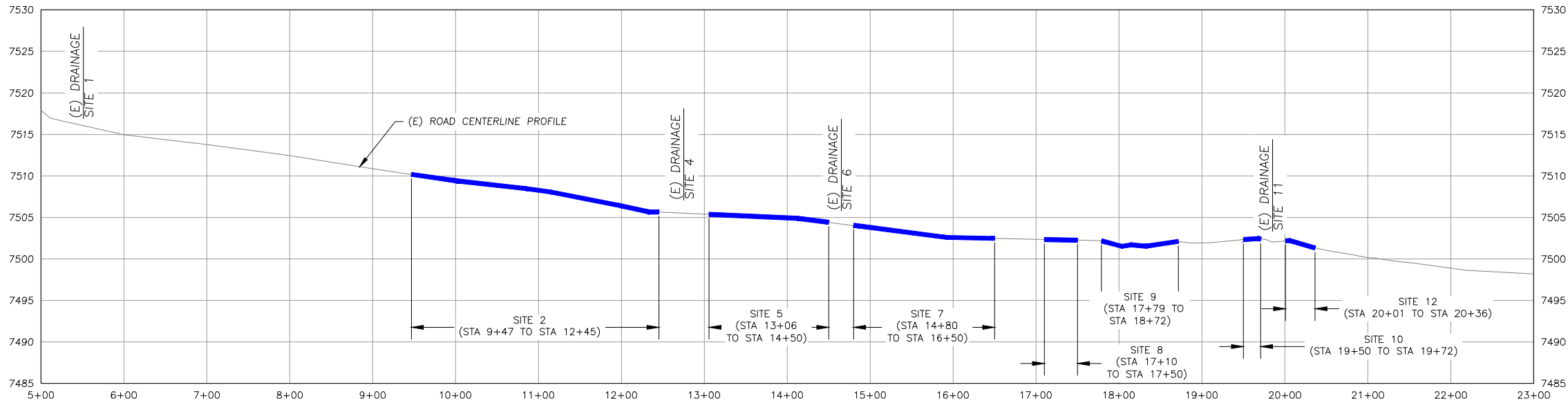


RECOMMENDATIONS

- INSTALL ROCKED FORD AT CROSSING PER DETAIL 5 ON SHEET C10. INSTALL APPROXIMATELY 50 LF OF ROCKED SWALE FROM (E) CULVERT OUTLET TO CONFORM TO FORD, PER DETAIL 6 ON SHEET C11.
- RAISE ROAD BED (298 LF)
- INSTALLATION OF INTERPRETIVE HISTORIC ROUTE SIGNAGE BY OTHERS.
- INSTALL ROCKED FORD AT SWALE CROSSING.
- RAISE ROAD BED (144 LF)
- INSTALL ROCKED FORD AT SWALE CROSSING.
- RAISE ROAD BED (170 LF)
- RAISE ROAD BED (40 LF)
- RAISE ROAD BED (93 LF)
- RAISE ROAD BED (22 LF)
- INSTALL ROCKED FORD AT SWALE CROSSING.
- RAISE ROAD BED (35 LF)

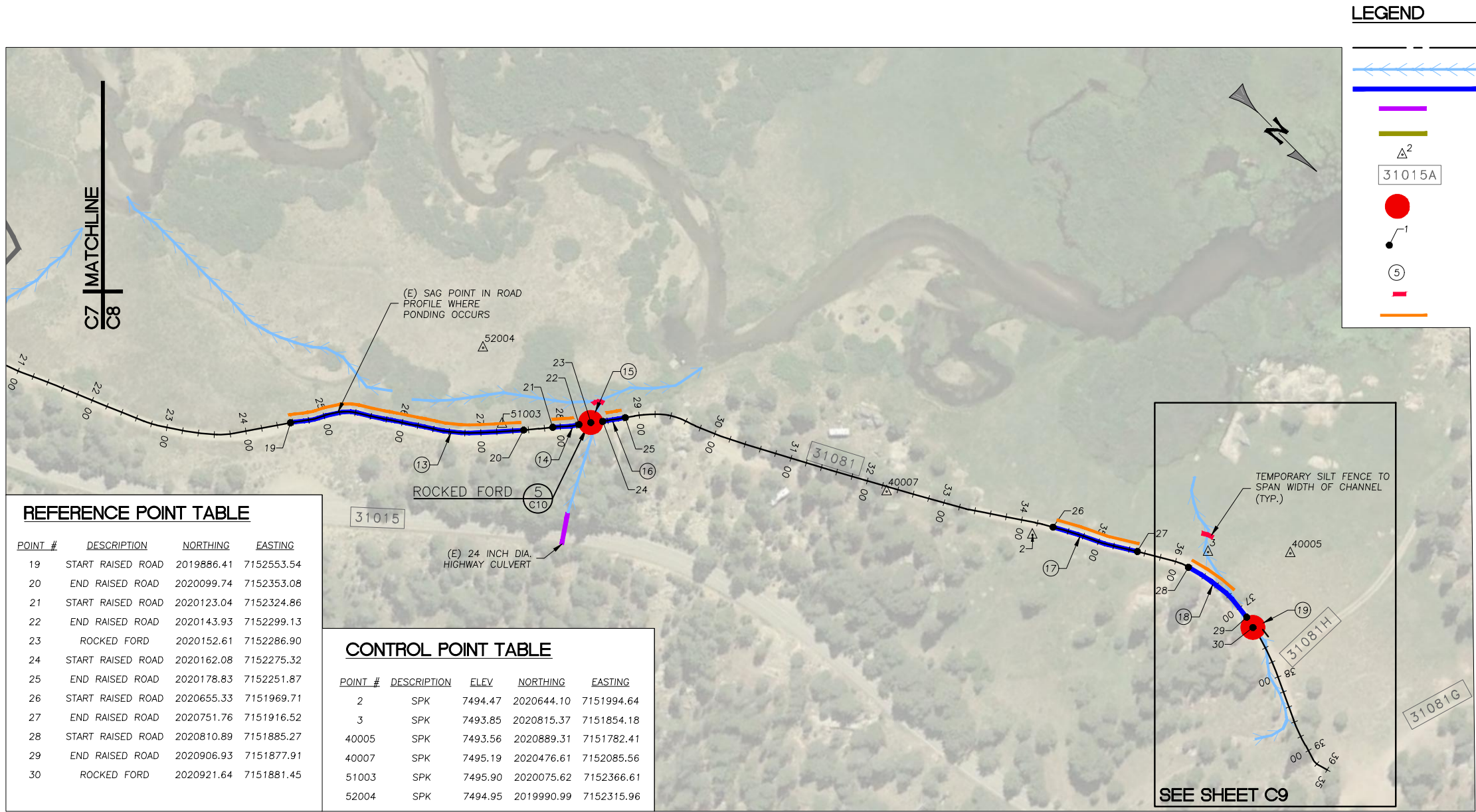
ROAD IMPROVEMENT PLAN (1 OF 2)

SCALE: 1" = 80'



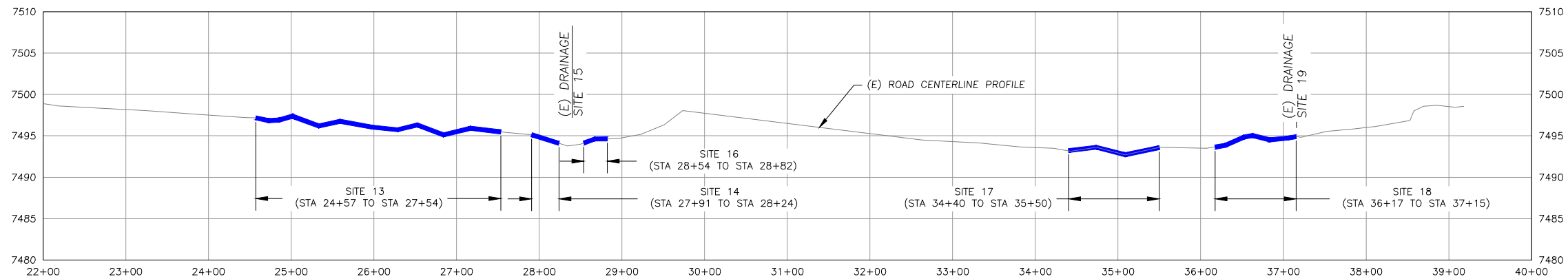
ROAD PROFILE

H SCALE: 1" = 80' ; V SCALE 1" = 8'



RECOMMENDATIONS

- RAISE ROAD BED. REMOVE BERM PERIODICALLY FROM OUTSIDE EDGE OF ROAD TO DISPERSE RUNOFF. (297 LF)
- RAISE ROAD BED (33 LF)
- INSTALL ROCKED FORD AT SWALE CROSSING.
- RAISE ROAD BED (28 LF)
- RAISE ROAD BED (110 LF)
- RAISE ROAD BED (98 LF)
- INSTALL ROCKED FORD AT END OF ROCKED SHOULDER.



WATERWAYS CONSULTING INC.

509A SWIFT ST.
SANTA CRUZ, CA 95060
PH: (831) 421-9291 // FAX: (888) 815-6847
WWW.WATWAYS.COM

DATE: 7/27/21

PROFESSIONAL ENGINEER
No. 62235
Exp. 12-31-21
MATT W. WELD
STATE OF CALIF.

PREPARED AT THE REQUEST OF:
AMERICAN RIVERS

ROAD
IMPROVEMENT
PLAN (2 OF 2)

FAITH MEADOW
100% DESIGN SUBMITTAL
ISSUED FOR CONSTRUCTION

DESIGNED BY: C.B.H.
DRAWN BY: M.W.W.
CHECKED BY: M.W.W.
DATE: 7/27/2021
JOB NO.: 17-072

BAR IS ONE INCH ON ORIGINAL DRAWING, ADJUST SCALES FOR REDUCED PLOTS

8 OF 12