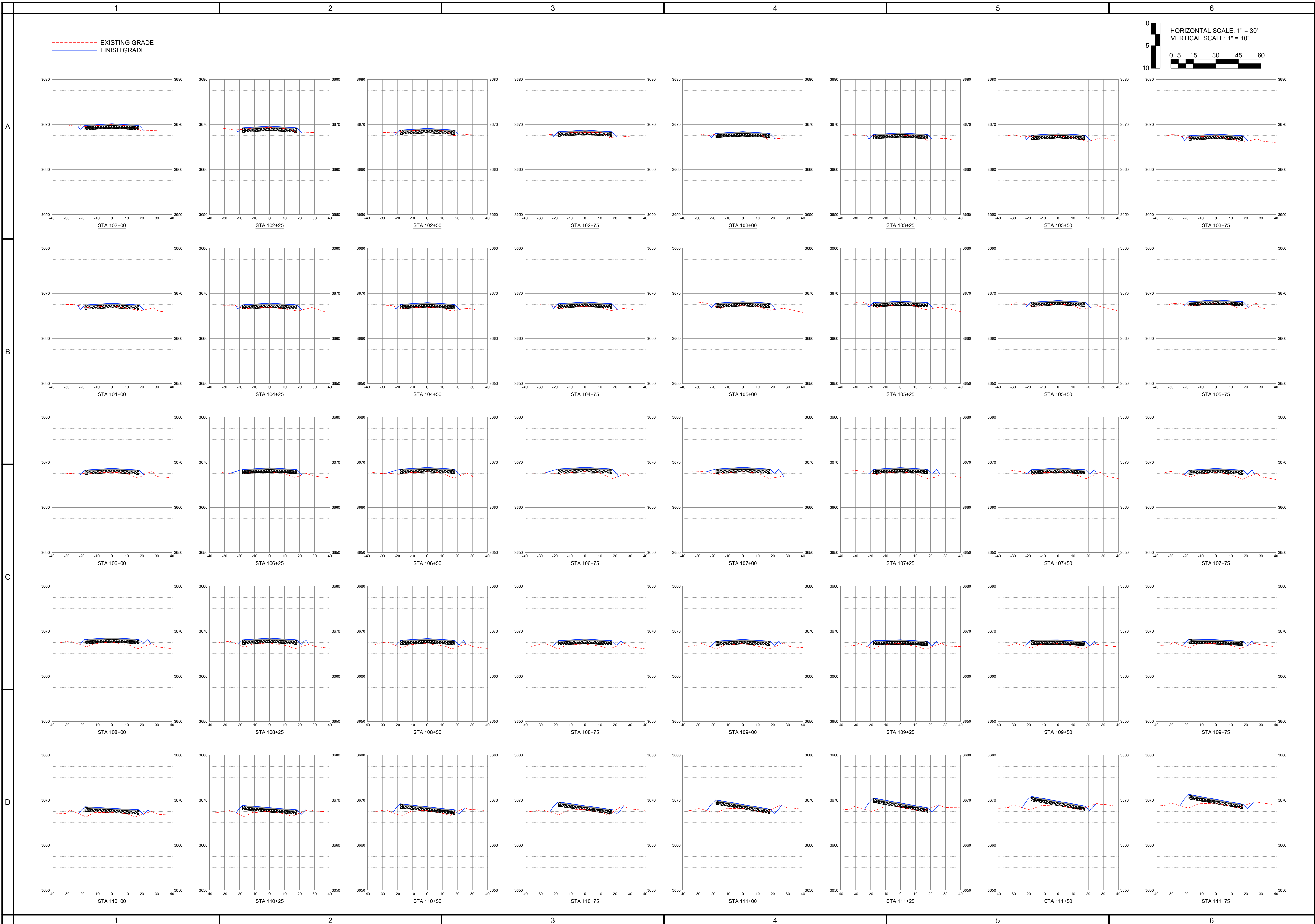


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RICKARD RD: GROFF RD  
TO US20 IMPROVEMENT  
PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 102+00 TO STA 111+75  
DESCHUTES COUNTY, OREGON



REVISIONS:




DESIGNED BY: MPD  
DRAWN BY: BRG  
CHECKED BY: MPD  
SCALE: AS NOTED  
FILE: 200607\_XSEC.dwg  
DATE: 3/12/2021

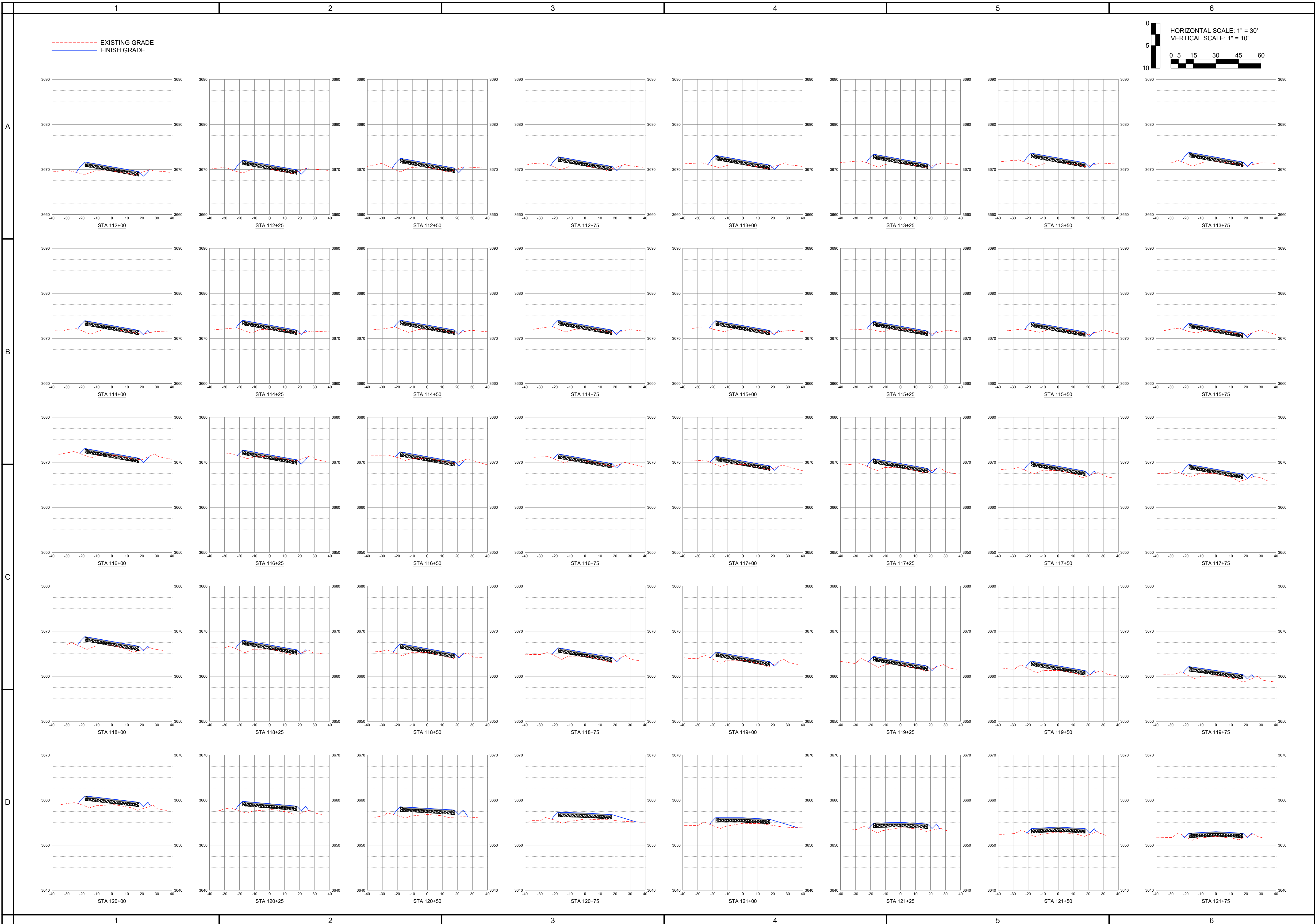
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ON ORIGINAL DRAWING

SHEET:

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HWA # 200607  
DESCO # 2020-416

Brandong S.:\Land Projects\200607-Rickard Road\dwg\CIVIL\SHEETS\200607\_XSEC.dwg, Mon Mar 15, 2021 -- 11:28am



REGISTERED PROFESSIONAL  
ENGINEER  
19360PE  
OREGON  
JUL 22 1991  
MARK P. DOUGLAS  
EXPIRES: 12/31/2021

RICKARD RD: GROFF RD  
TO US20 IMPROVEMENT  
PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 112+00 TO STA 121+75  
DESCHUTES COUNTY, OREGON

DESCHUTES COUNTY

REVISIONS:

NO.	DESCRIPTION	DATE

CIVIL ENGINEERING / SURVEYING PLANNING  
1000 N. HWY 101, SUITE 100, BEND, OR 97703  
PHONE: 503.325.8888 FAX: 503.325.8888  
WEB: WWW.HWA-INC.ORG

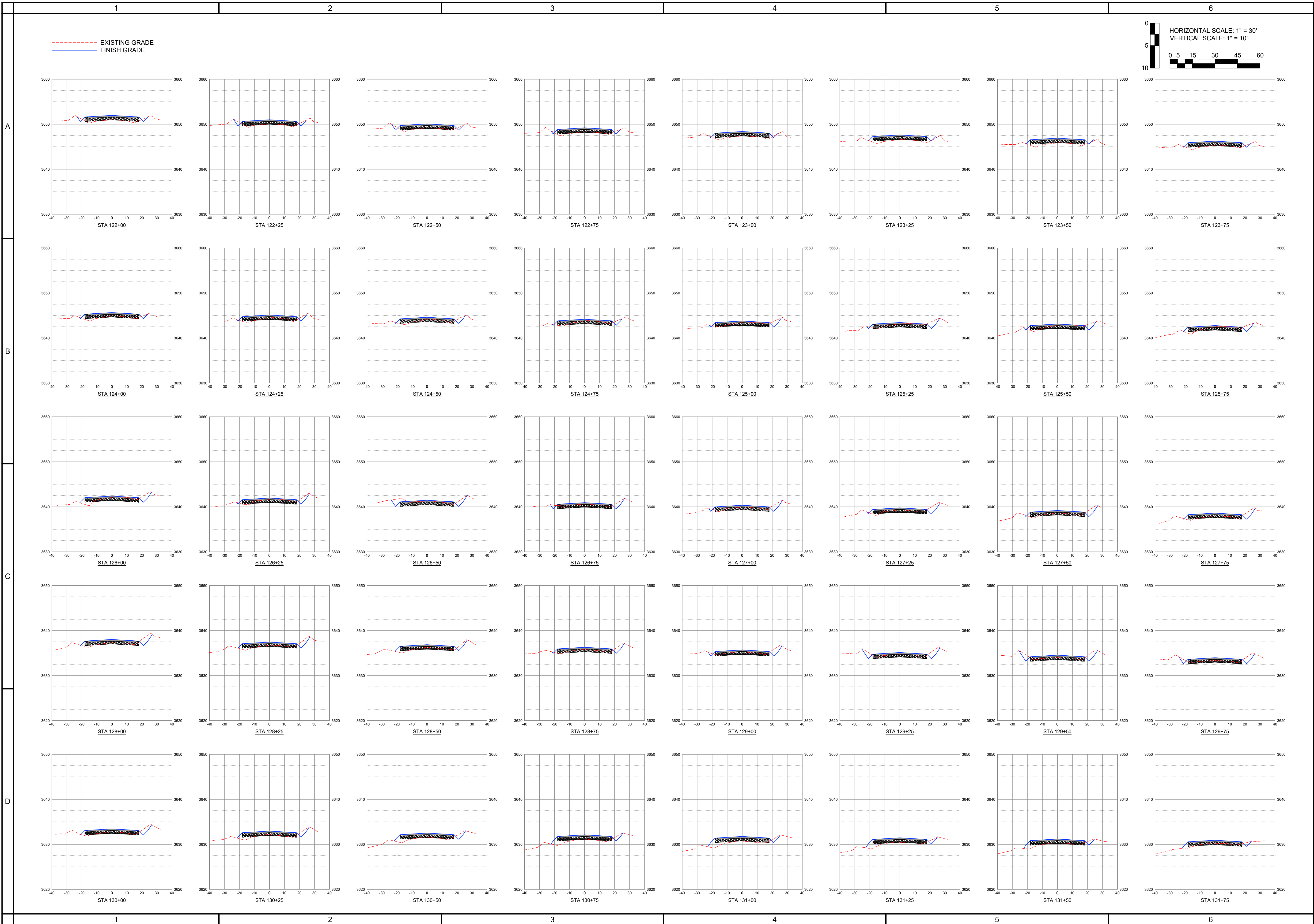
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DATE: 3/12/2021

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ON ORIGINAL DRAWING

SHEET:  
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HWA # 200607  
DESCO # 2020-416

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RICKARD RD: GROFF RD  
TO US20 IMPROVEMENT  
PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 122+00 TO STA 131+75  
DESCHUTES COUNTY, OREGON



REVISIONS:

**HWA**  
CIVIL ENGINEERING / SURVEYING PLANNING  
1000 N. RIVER ROAD, SUITE 100, BEND, OR 97703  
PHONE: 503.325.8888 FAX: 503.325.8841  
WEB: WWW.HWANHC.ORG

DESIGNED BY: MPD	BRG
DRAWN BY: MPD	BRG
CHECKED BY: MPD	BRG
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DATE: 3/12/2021	

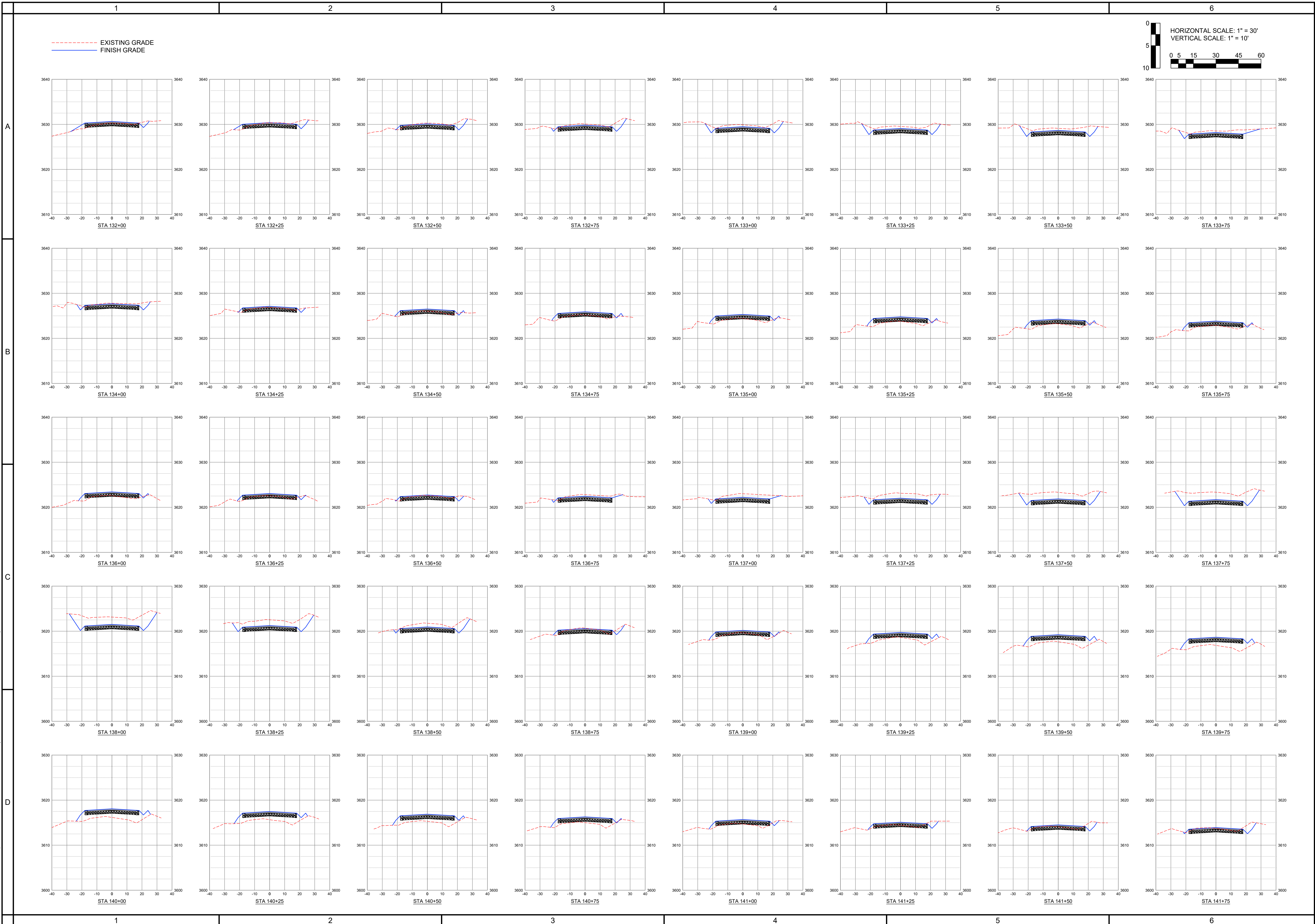
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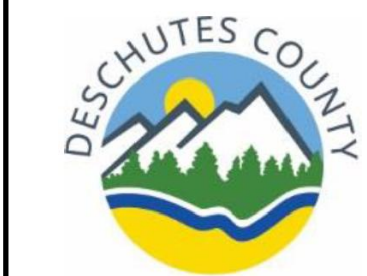
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DESCO # 2020-416



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RICKARD RD: GROFF RD  
TO US20 IMPROVEMENT  
PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 132+00 TO STA 141+75  
DESCHUTES COUNTY, OREGON



REVISIONS:



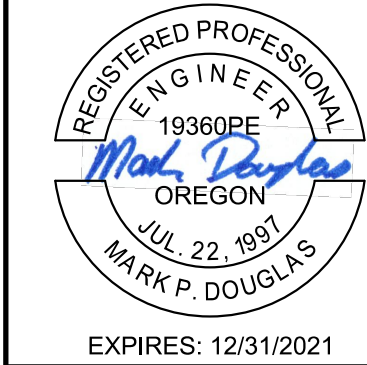
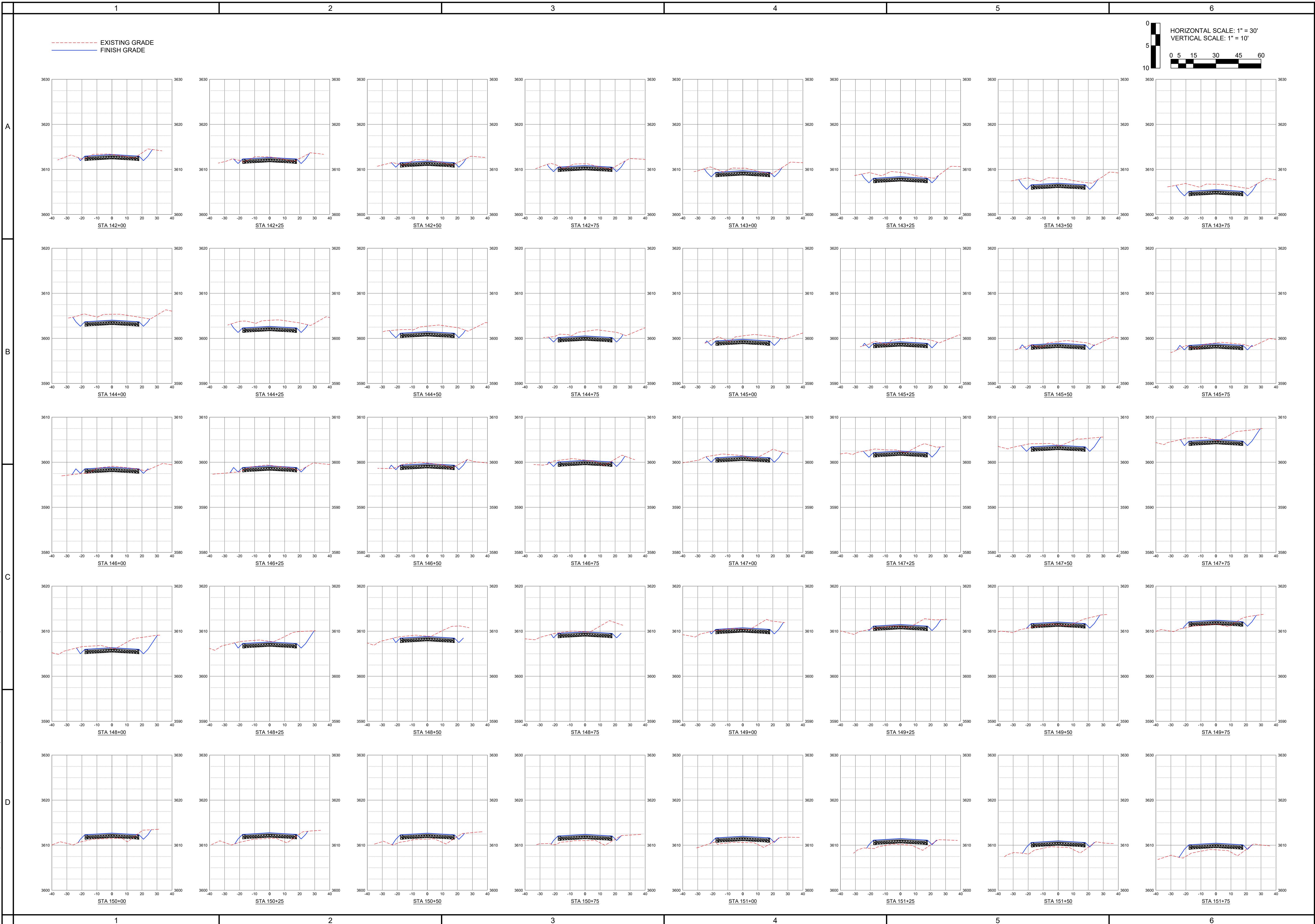
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CHECKED BY: MPD  
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DATE: 3/12/2021

VERIFY SCALES  
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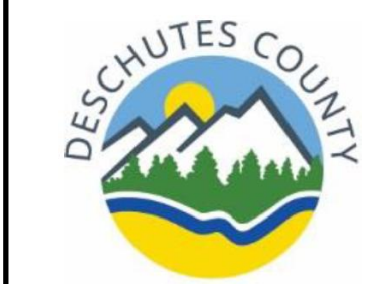
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HWA # 200607  
DESCO # 2020-416

BID REFERENCE DOCUMENT

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RICKARD RD: GROFF RD  
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PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 142+00 TO STA 151+75  
DESCHUTES COUNTY, OREGON



REVISIONS:



DESIGNED BY: MPD  
DRAWN BY: BRG  
CHECKED BY: MPD  
SCALE: AS NOTED  
FILE: 200607\_XSEC.dwg  
DATE: 3/12/2021

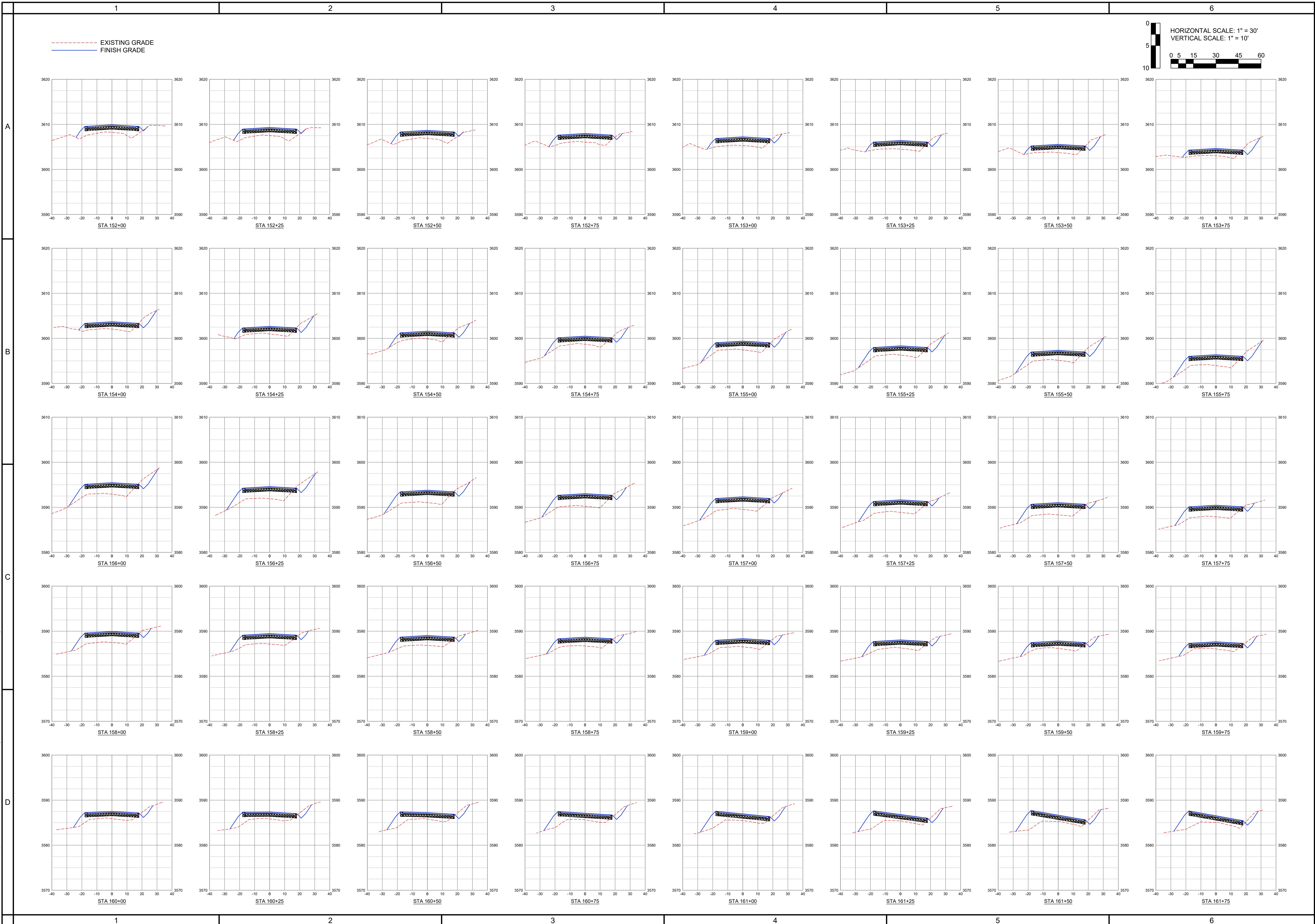
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ON ORIGINAL DRAWING

SHEET:  
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HWA # 200607  
DESCO # 2020-416

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REGISTERED PROFESSIONAL  
ENGINEER  
OREGON  
19360PE  
JUL 22 1991  
MARK P. DOUGLAS  
EXPIRES: 12/31/2021

**RICKARD RD: GROFF RD  
TO US20 IMPROVEMENT  
PUBLIC INFRASTRUCTURE PLANS**

RICKARD RD CROSS SECTIONS STA 152+00 TO STA 161+75  
DESCHUTES COUNTY, OREGON

DESCHUTES COUNTY

REVISIONS:

NO.	DESCRIPTION	DATE

**HWA**  
CIVIL ENGINEERING / SURVEYING PLANNING  
1000 N. RIVER ROAD, SUITE 100, BEND, OR 97703  
PHONE: 503.938.5411 FAX: 503.938.5411  
WEB: WWW.HWANINC.ORG

DESIGNED BY: MPD  
DRAWN BY: BRG  
CHECKED BY: MPD  
SCALE: AS NOTED  
FILE: 200607\_XSEC.dwg  
DATE: 3/12/2021

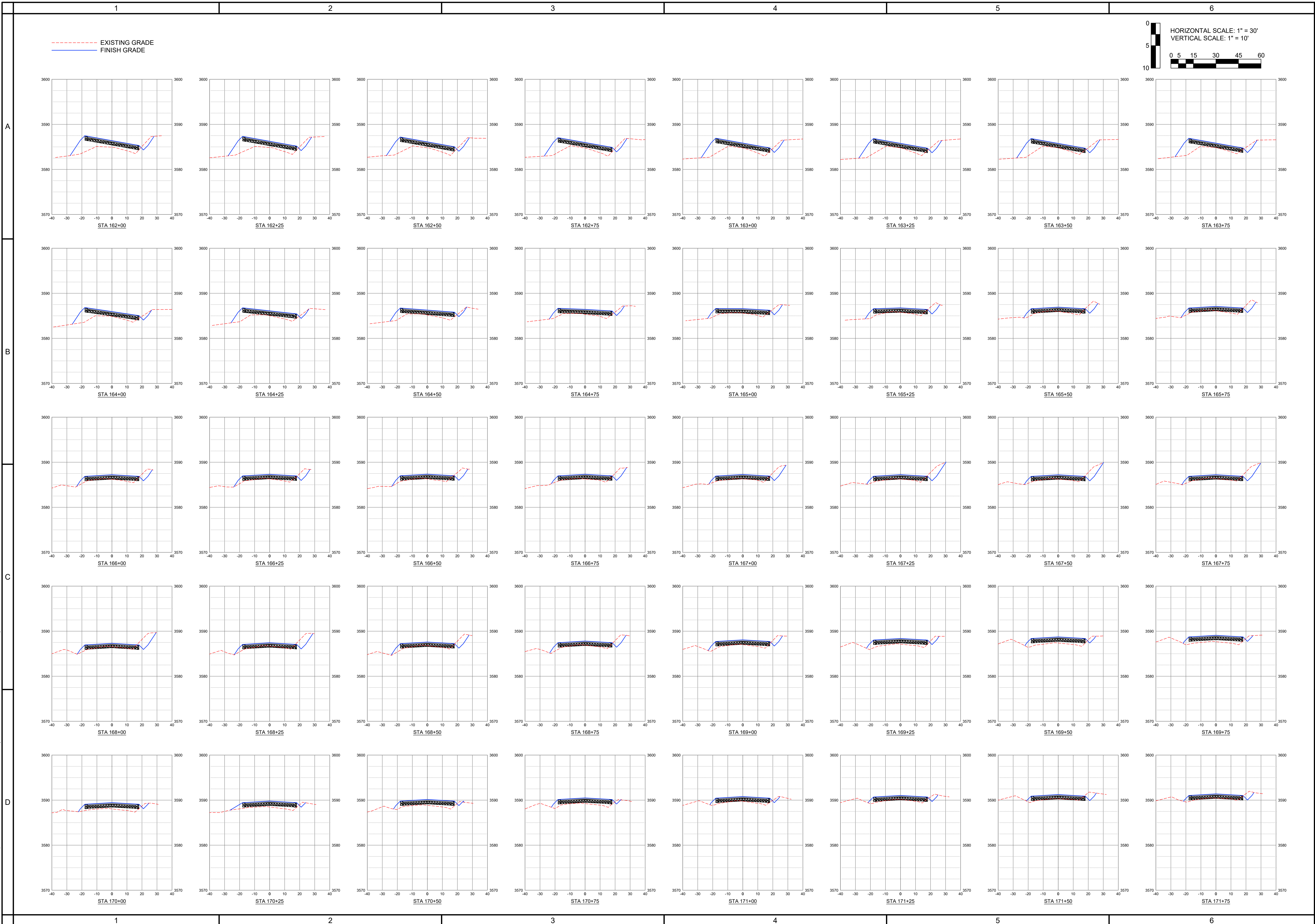
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ON ORIGINAL DRAWING

SHEET:  
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HWA # 200607  
DESCO # 2020-416



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RICKARD RD: GROFF RD  
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PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 162+00 TO STA 171+75  
DESCHUTES COUNTY, OREGON



REVISIONS:



DESIGNED BY: MPD  
DRAWN BY: BRG  
CHECKED BY: MPD  
SCALE: AS NOTED  
FILE: 200607\_XSEC.dwg  
DATE: 3/12/2021

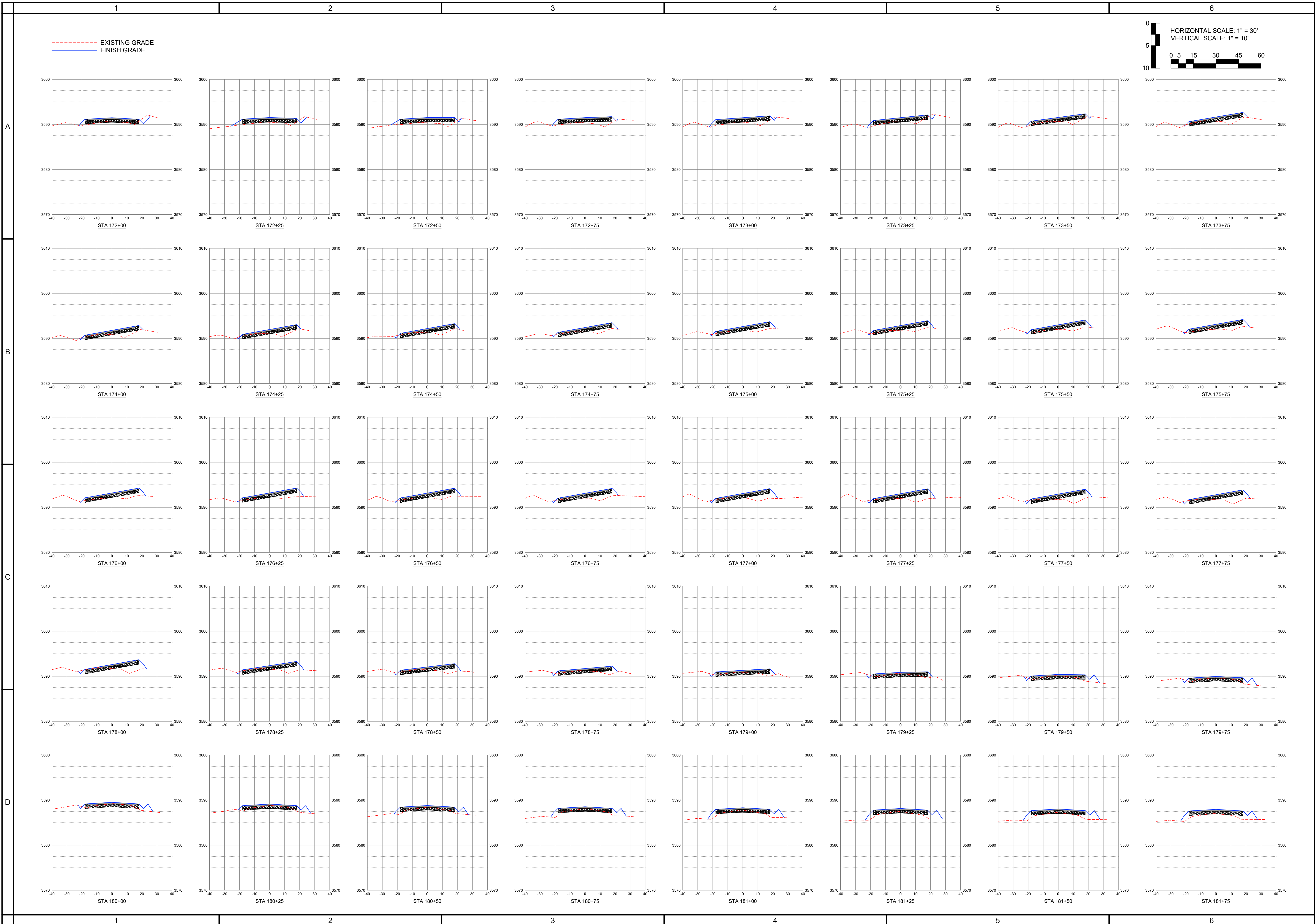
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SHEET:  
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HWA # 200607  
DESCO # 2020-416

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**RICKARD RD: GROFF RD  
TO US20 IMPROVEMENT  
PUBLIC INFRASTRUCTURE PLANS**

RICKARD RD CROSS SECTIONS STA 172+00 TO STA 181+75

DESCHUTES COUNTY, OREGON

REVISIONS:	

DESIGNED BY: MPD

DRAWN BY: BRG

CHECKED BY: MPD

SCALE: AS NOTED

FILE: 200607\_XSEC.dwg

DATE: 3/12/2021

VERIFY SCALES

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BAR EQUALS ONE INCH  
ON ORIGINAL DRAWING

SHEET:

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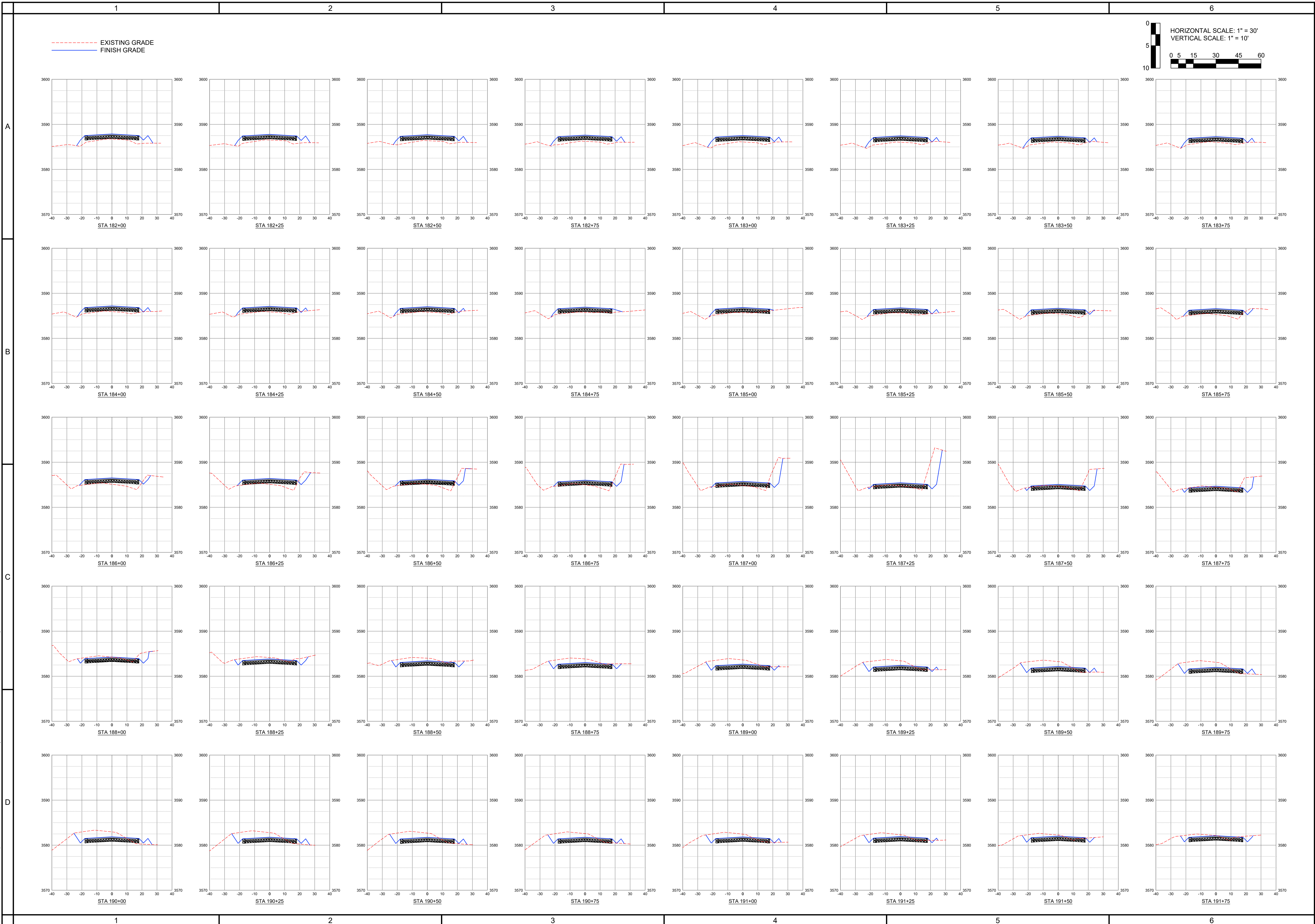
HWA # 200607

DESCO # 2020-416

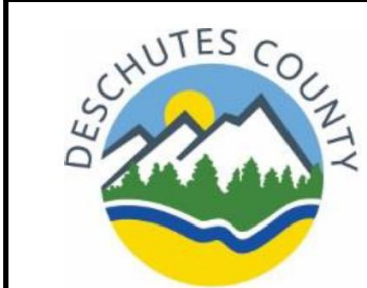
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RICKARD RD: GROFF RD  
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PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 182+00 TO STA 191+75  
DESCHUTES COUNTY, OREGON



REVISIONS:



DESIGNED BY: MPD  
DRAWN BY: BRG  
CHECKED BY: MPD  
SCALE: AS NOTED  
FILE: 200607\_XSEC.dwg  
DATE: 3/12/2021

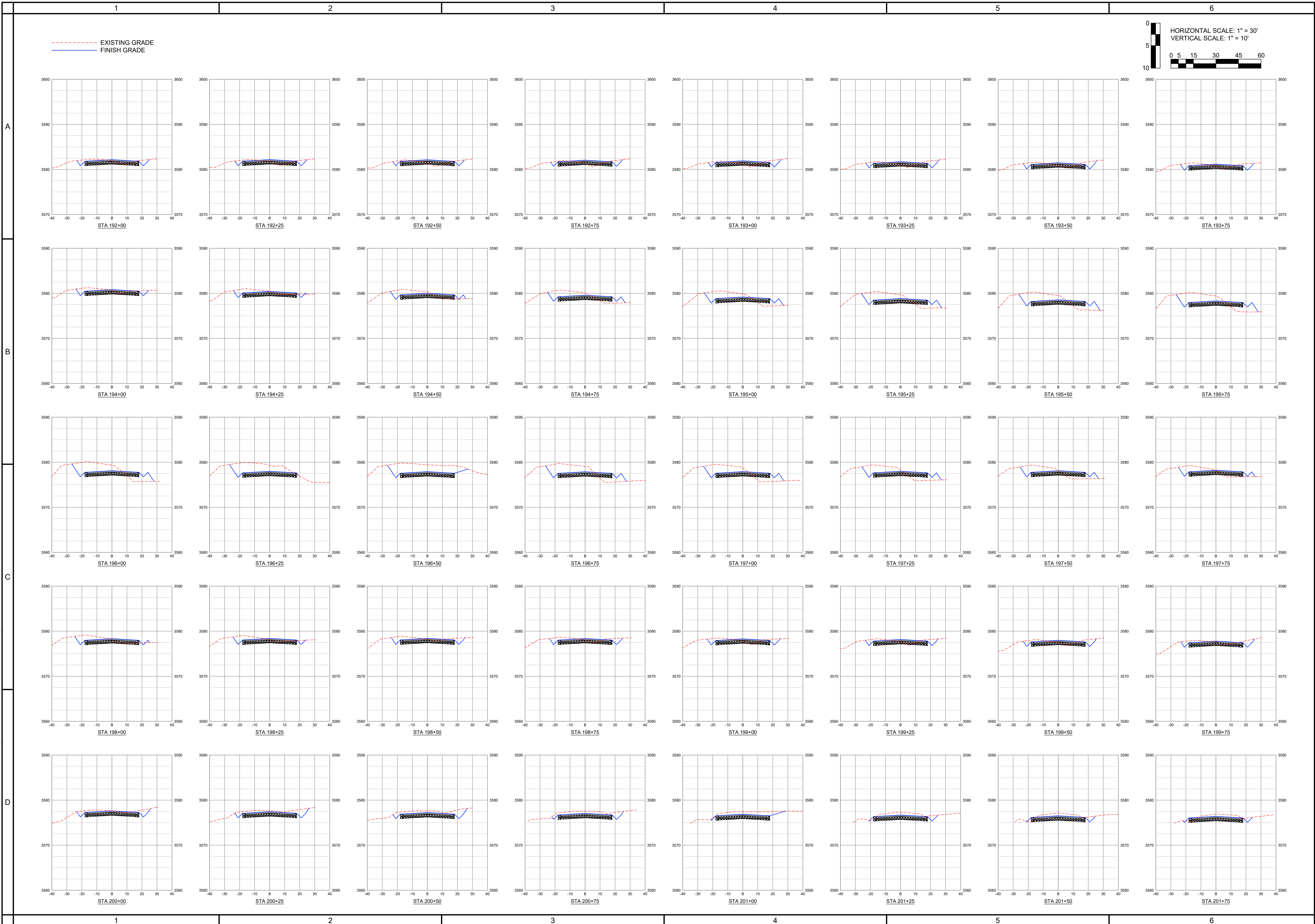
VERIFY SCALES  
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BAR EQUALS ONE INCH  
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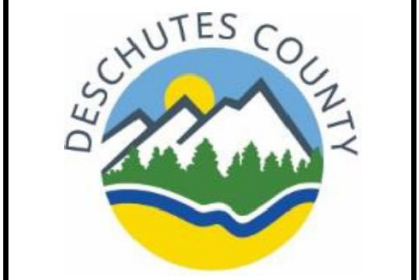
HWA # 200607  
DESCO # 2020-416

BID REFERENCE DOCUMENT

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RICKARD RD: GROFF RD  
TO US20 IMPROVEMENT  
PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 192+00 TO STA 201+75  
DESCHUTES COUNTY, OREGON



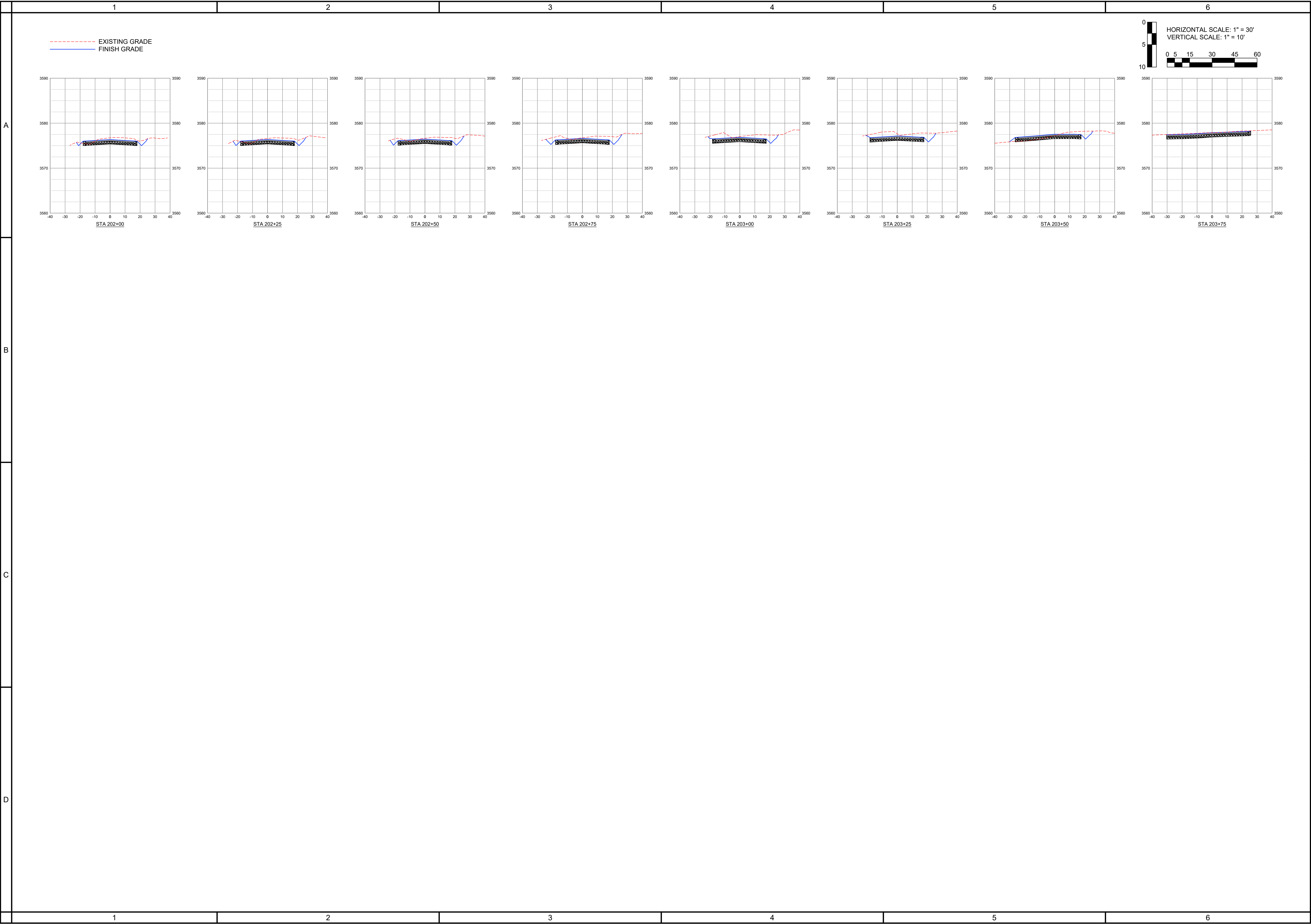
REVISIONS:



DESIGNED BY: MPD	BRG
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CHECKED BY: MPD	BRG
SCALE: AS NOTED	FILE: 200607_XSEC.dwg
DATE: 3/12/2021	

VERIFY SCALES 0 1" BAR EQUALS ONE INCH ON ORIGINAL DRAWING
SHEET: X1.10
HWA # 200607 DESCO # 2020-416

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REGISTERED PROFESSIONAL  
ENGINEER  
19360PE  
OREGON  
JUL 22 1991  
MARK P. DOUGLAS  
EXPIRES: 12/31/2021

RICKARD RD: GROFF RD  
TO US20 IMPROVEMENT  
PUBLIC INFRASTRUCTURE PLANS  
RICKARD RD CROSS SECTIONS STA 202+00 TO STA 203+75  
DESCHUTES COUNTY, OREGON

DESCHUTES COUNTY

REVISIONS:

HWA

CIVIL ENGINEERING | SURVEYING | PLANNING  
2000 N. HWY 100, SUITE 100, BEND, OR 97703  
PHONE: 503.685.5551 FAX: 503.685.5511  
WEB: WWW.HWA-INC.ORG

DESIGNED BY: MPD  
DRAWN BY: BRG  
CHECKED BY: MPD  
SCALE: AS NOTED  
FILE: 200607\_XSEC.dwg  
DATE: 3/12/2021

VERIFY SCALES  
0 1"  
BAR EQUALS ONE INCH  
ON ORIGINAL DRAWING

SHEET:  
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HWA # 200607  
DESCO # 2020-416

BID REFERENCE DOCUMENT