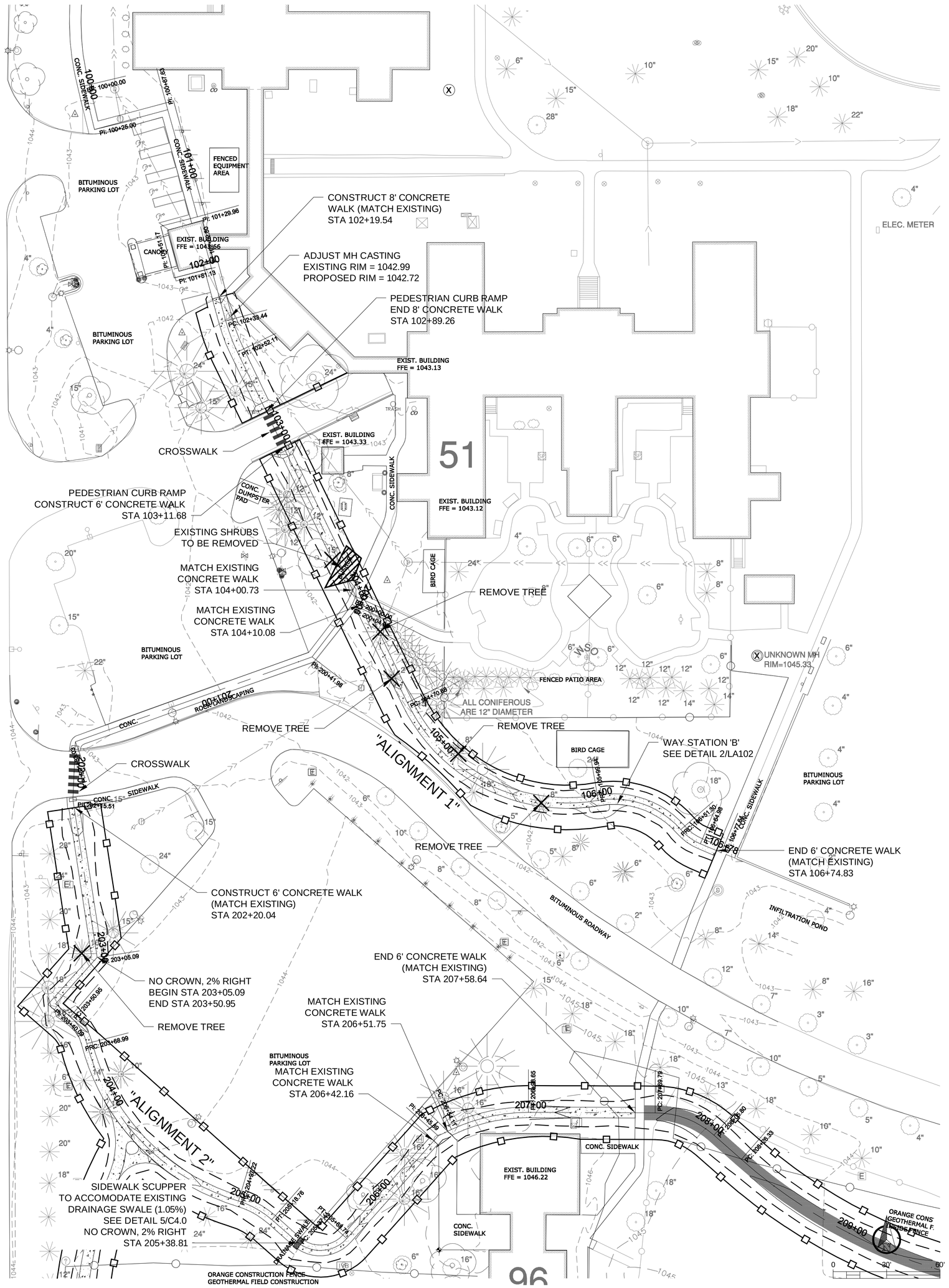
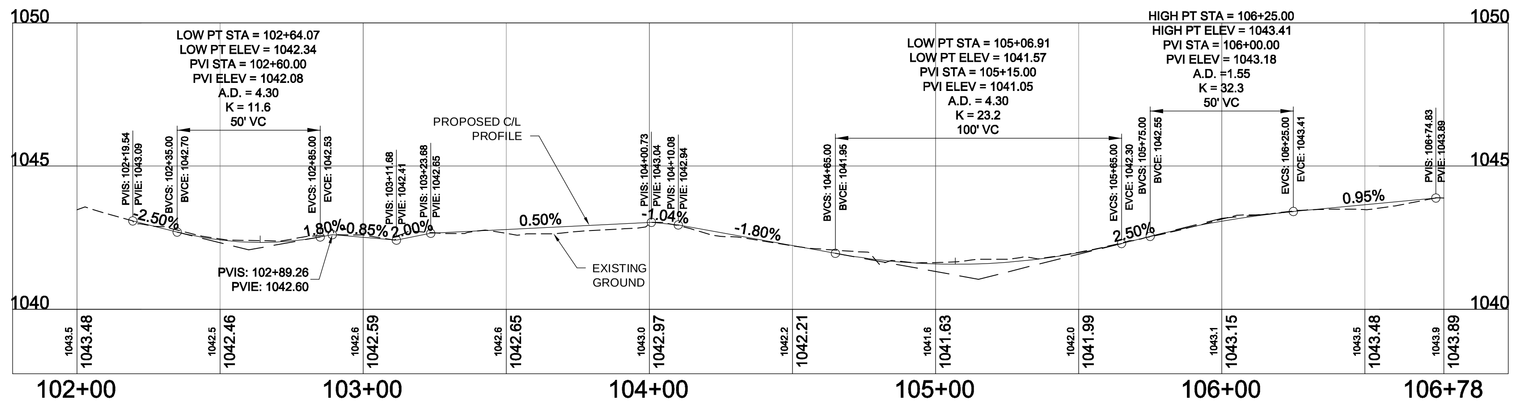
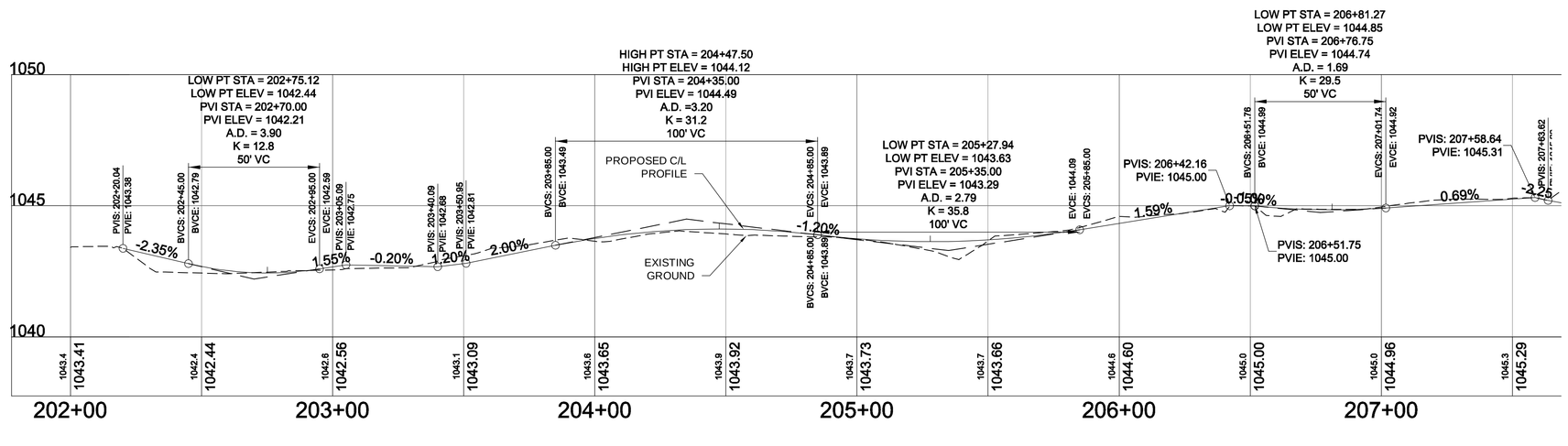




"ALIGNMENT 1" H: 1" = 30', V: 1" = 5'



"ALIGNMENT 2" H: 1" = 30', V: 1" = 5'

HORIZONTAL CURVE DATA - "ALIGNMENT 1"

Number	Length	Radius	Start Station	End Station	Chord length	Chord Direction	Start Direction	End Direction	External Tangent	PI Included Angle
1	18.66'	100.00'	102+33.44'	102+52.11'	18.64'	S20°29'50.94"E	S15°09'01.51"E	S25°50'40.37"E	9.36'	169°18'21"
2	129.26'	100.00'	104+70.68'	105+99.94'	120.45'	S62°52'31.15"E	S25°50'40.37"E	N80°05'38.07"E	75.44'	105°56'18"
3	51.36'	50.00'	105+99.94'	106+51.30'	49.13'	S70°28'40.57"E	N80°05'38.07"E	S41°02'59.20"E	28.21'	121°08'37"
4	13.68'	30.00'	106+51.30'	106+64.98'	13.56'	S54°06'36.42"E	S41°02'59.20"E	S67°10'13.63"E	6.96'	153°52'46"

HORIZONTAL CURVE DATA - "ALIGNMENT 2"

Number	Length	Radius	Start Station	End Station	Chord length	Chord Direction	Start Direction	End Direction	External Tangent	PI Included Angle
1	18.03'	30.00'	203+50.95'	203+68.99'	17.76'	S31°43'11.19"E	S48°56'29.93"E	S14°29'52.44"E	9.30'	145°33'23"
2	128.23'	125.00'	203+68.99'	204+97.22'	122.68'	S43°53'09.24"E	S14°29'52.44"E	S73°16'26.05"E	70.40'	121°13'26"
3	21.55'	50.00'	204+97.22'	205+18.76'	21.38'	S60°55'41.66"E	S73°16'26.05"E	S48°34'57.27"E	10.94'	155°18'31"
4	31.34'	20.00'	205+37.41'	205+68.74'	28.23'	N86°31'57.39"E	S48°34'57.27"E	N41°38'52.06"E	19.92'	090°13'49"
5	44.54'	100.00'	206+54.11'	206+98.65'	44.17'	N77°25'56.41"E	N64°40'20.87"E	S89°48'28.05"E	22.65'	154°28'49"

NOTES:

1. TYPICAL SECTION FOR "ALIGNMENT 1" (SEE DETAIL 10/C4.1) 6' CONCRETE WALK, 2% CROWN UNLESS NOTED OTHERWISE.
2. TYPICAL SECTION FOR "ALIGNMENT 2" (SEE DETAIL 10/C4.1) 6' CONCRETE WALK, 2% CROWN UNLESS NOTED OTHERWISE.

LEGEND

- CONCRETE WALK
- BITUMINOUS TRAIL
- GRADING LIMITS
- ORANGE CONSTRUCTION FENCE

100% CD'S - FOR CONSTRUCTION

Scale: As Shown

-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
AMENDMENT	02-11-2013
Revisions	Date

Design Tree ENGINEERING AND LAND SURVEYING

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STAMP/SEAL:

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

GINA M. DULLINGER
DATE: 10/16/2012
45489
REG. NO.

Drawing Title: PLAN AND PROFILE

Approved: Project Director

Project Title: CREATE CAMPUS WALKING PATH

Location: VA MEDICAL CENTER, ST. CLOUD, MN 56303

Date: 10/16/2012 | Checked: DJF | Drawn: GMD

Project Number: 02212002

Building Number:

Drawing Number: C2.0

Dwg. 4 of 24

VAMC SAINT CLOUD MN

VA FORM 08-6231

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