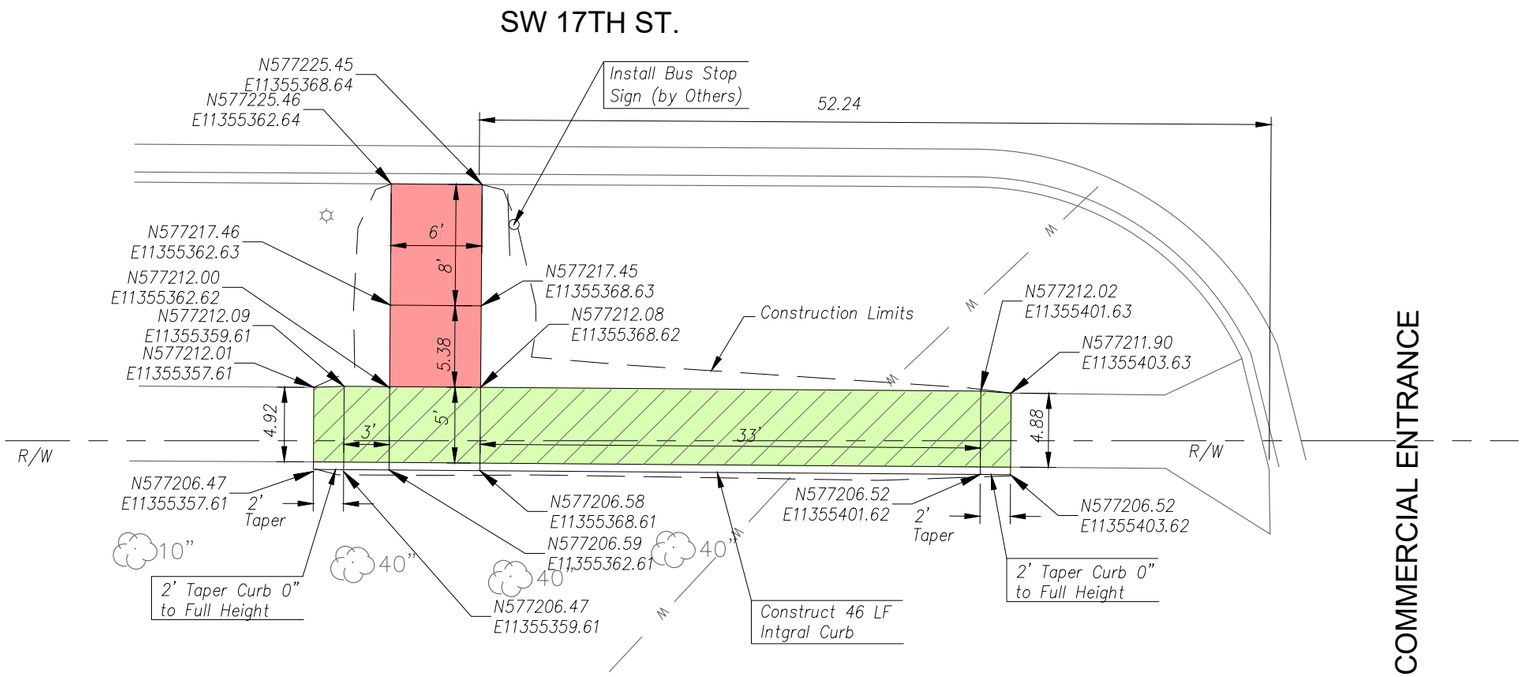
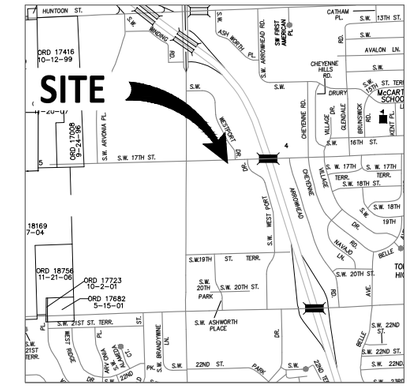
TOPEKA METRO

REQUEST FOR BIDS
Concrete Pads for Bus Stops
Phase 10 Group 1.2
TO-22-13

Appendix III
Engineering Studies



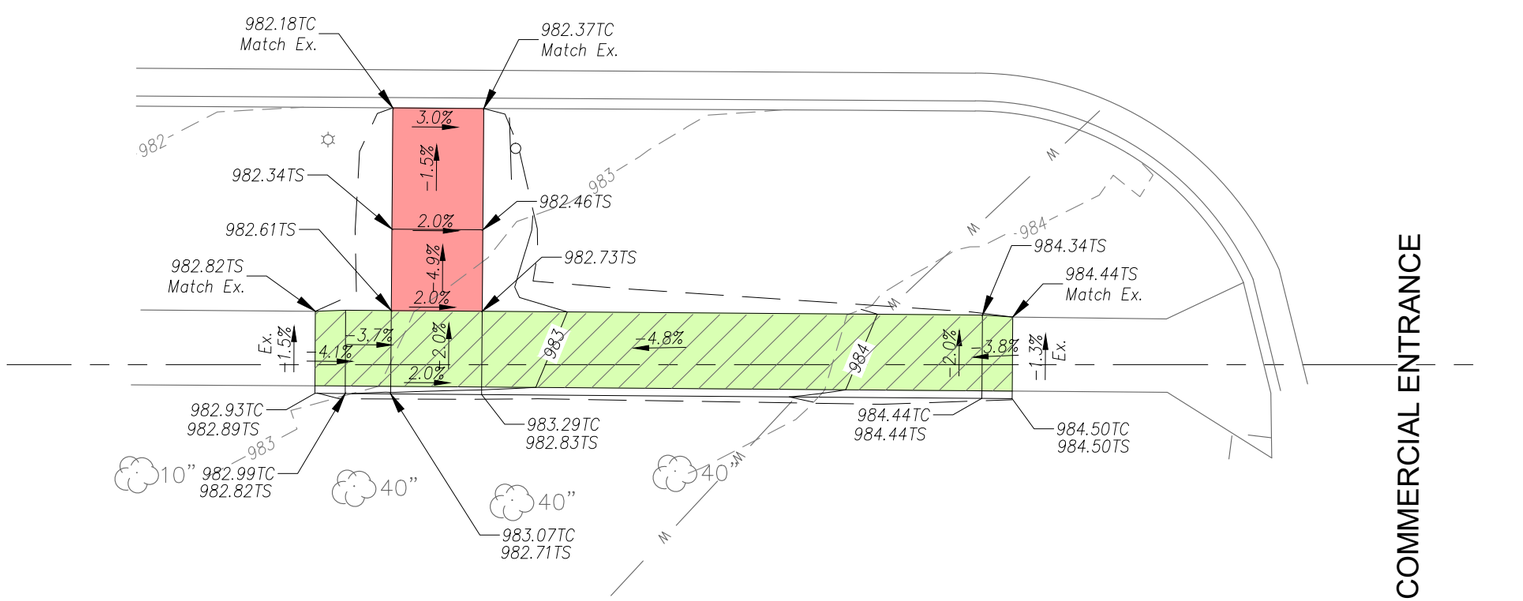


VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101441 SET ½" REBAR W/CAP (CFS CONTROL)
N: 577217.887 E: 11355553.530 EL: 988.66
1) SOUTH B/C 17TH ST 7.5' N
2) NORTH EDGE E-W WALK 6.0' S
FACE OF LIGHT POLE 10.2' NW

CP 101443 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 577214.194 E: 11355312.739 EL: 981.42
1) NORTH EDGE E-W WALK 2.2' S
2) SOUTH B/C 17TH ST 11.4' N
3) ℄ SPRINKLER CONTROL BOX 12.3' SSW



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW 17TH ST. @
SW WESTPORT DR. (IB)(MB)
(Standing Pad)

CFS ENGINEERS
cfse.com
2930 SW Woodside Dr, Topeka, KS 66614
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

J:\2015Proj\155044 (2021 PH 10.1)\CADD\Design\155044base ph 10.1_Sites 41-62.dwg
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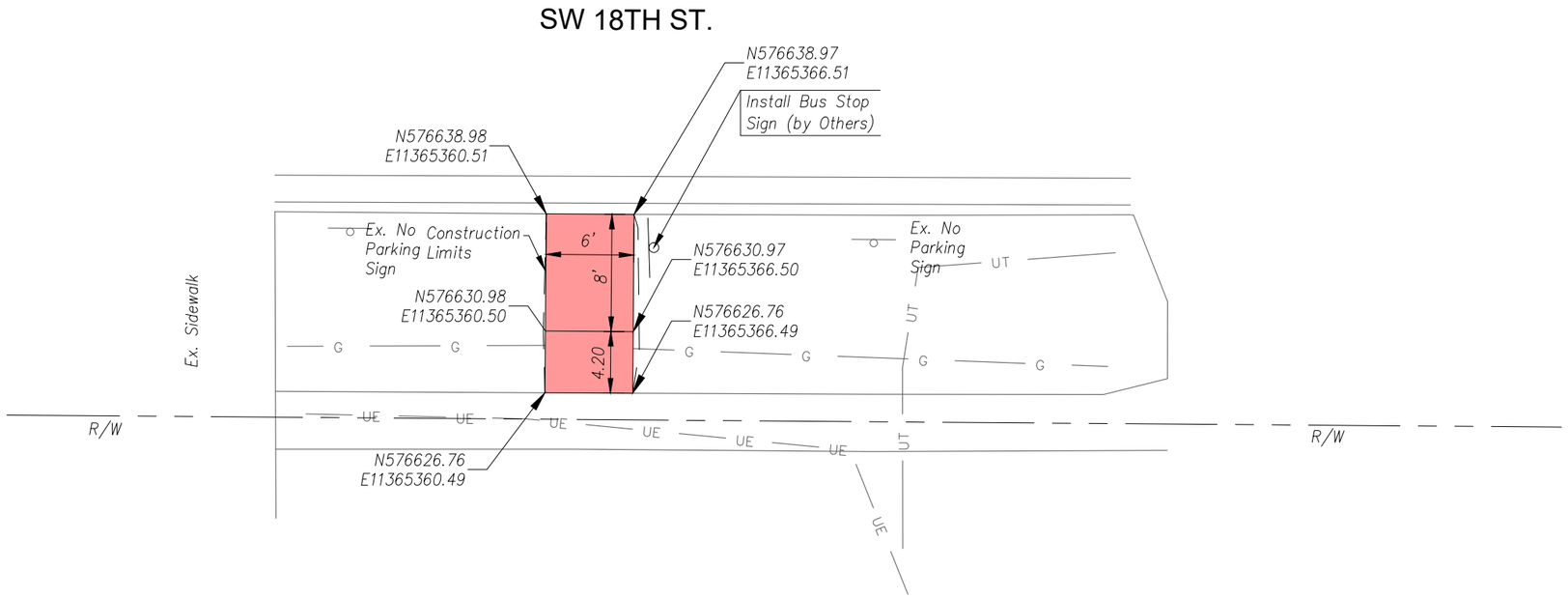
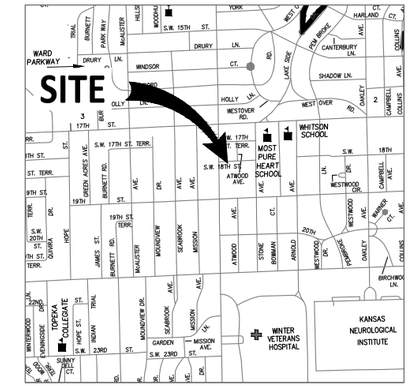


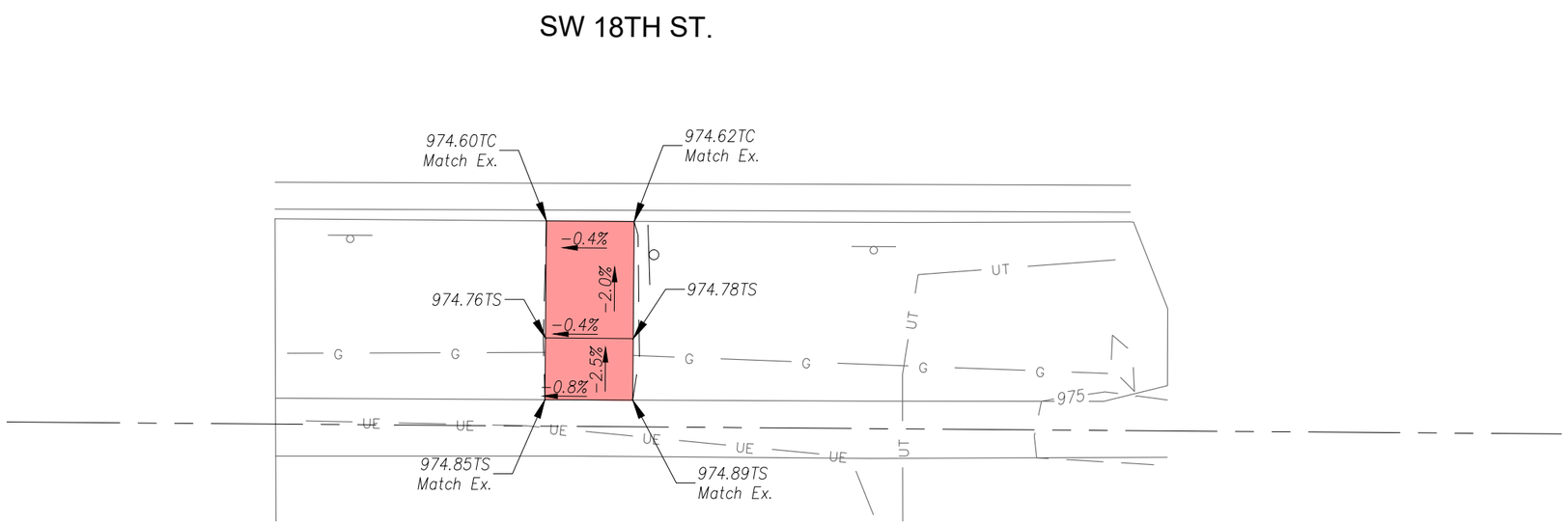


VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101461 FOUND ½" REBAR W/CAP (CFS CONTROL)
N:576668.559 E:11365391.074 EL:974.80
1) NORTH B/C 18TH ST 2.0' S
2) SOUTH EDGE E-W WALK 1.2' N
3) FACE OF LIGHT POLE 23.0' ENE

CP 101462 FOUND ½" REBAR W/CAP (CFS CONTROL)
N:576669.378 E:11365293.702 EL:974.28
1) NORTH B/C 18TH ST 3.7' S
2) INLINE W/SOUTH EDGE E-W WALK TO EAST
3) INLINE W/EAST EDGE N-S WALK TO NORTH



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW 18TH ST. @
SW ATWOOD AVE. (IB)(MB)
(Standing Pad)

CFS ENGINEERS
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2930 SW Woodside Dr, Topeka, KS 66614
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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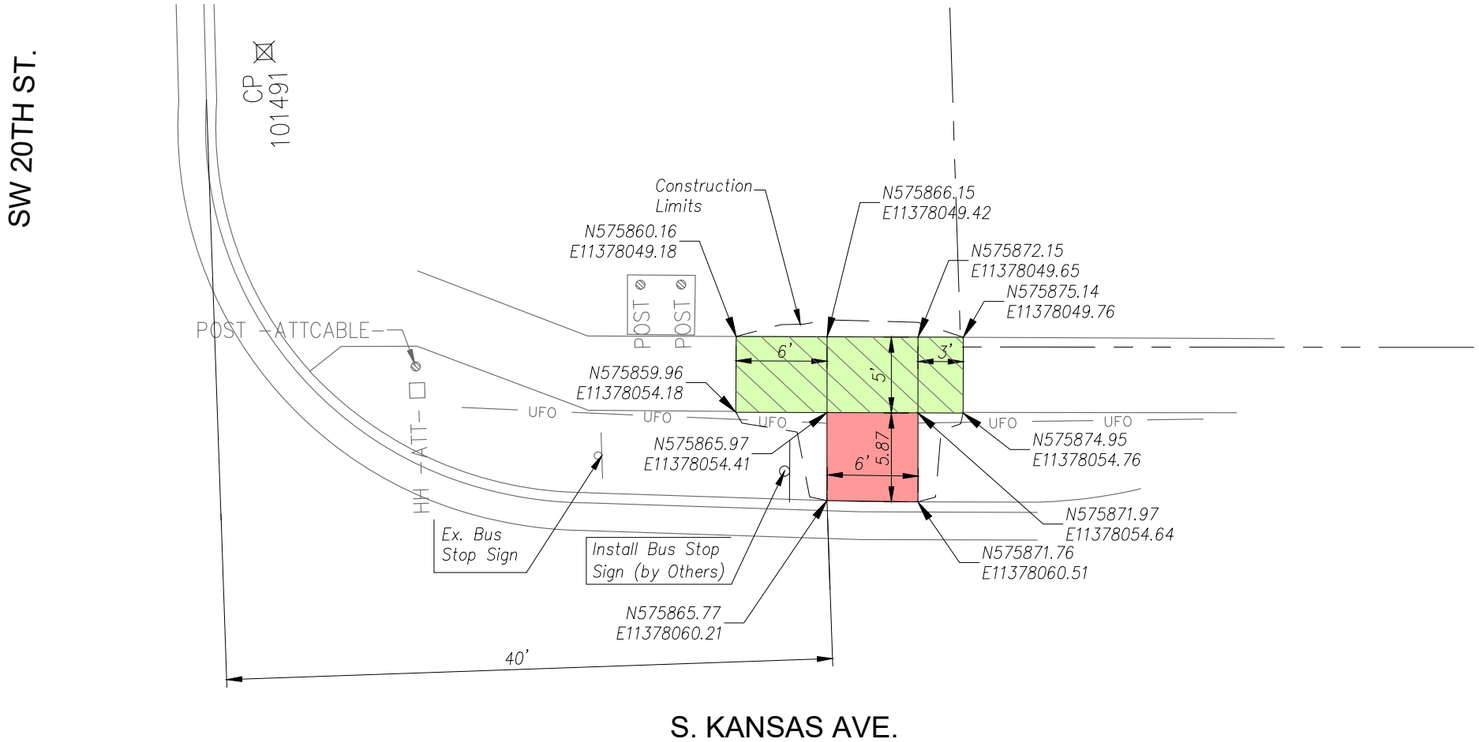
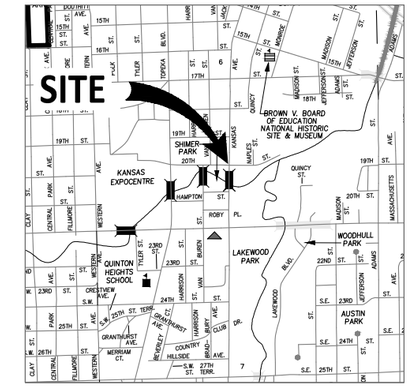




VICINITY MAP
NO SCALE

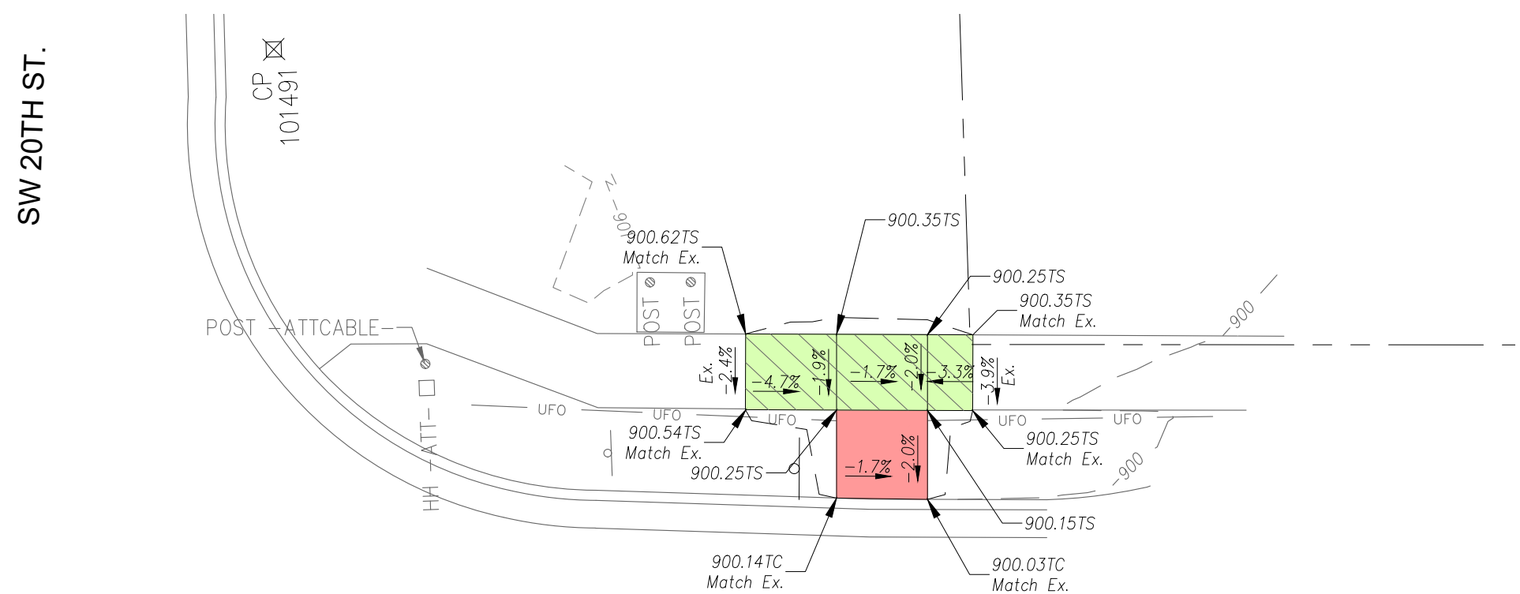
CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

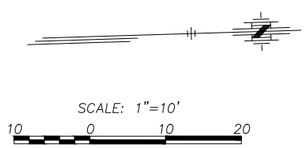
CP 101491 SET 5/8" REBAR W/CAP (CFS CONTROL)
N:575829.688 E:11378029.334 EL:900.63

1)	TO NORTH B/C 20TH ST	3.4' S
2)	SOUTH EDGE E-W WALK	3.2' N
3)	WEST EDGE N-S WALK @ B/C	12.7' E

CP 101492 SET 5/8" REBAR W/CAP (CFS CONTROL)
N:575941.368 E:11378060.143 EL:899.09

1)	TO WEST B/C KANSAS AVE	3.2' E
2)	TO EAST EDGE N-S WALK	2.6' W
3)	FACE OF LIGHT POLE	16.0' S





LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

S. KANSAS AVE. @ SW 20TH ST. (OB)(NE)
(Standing Pad)

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2930 SW Woodside Dr, Topeka, KS 66614
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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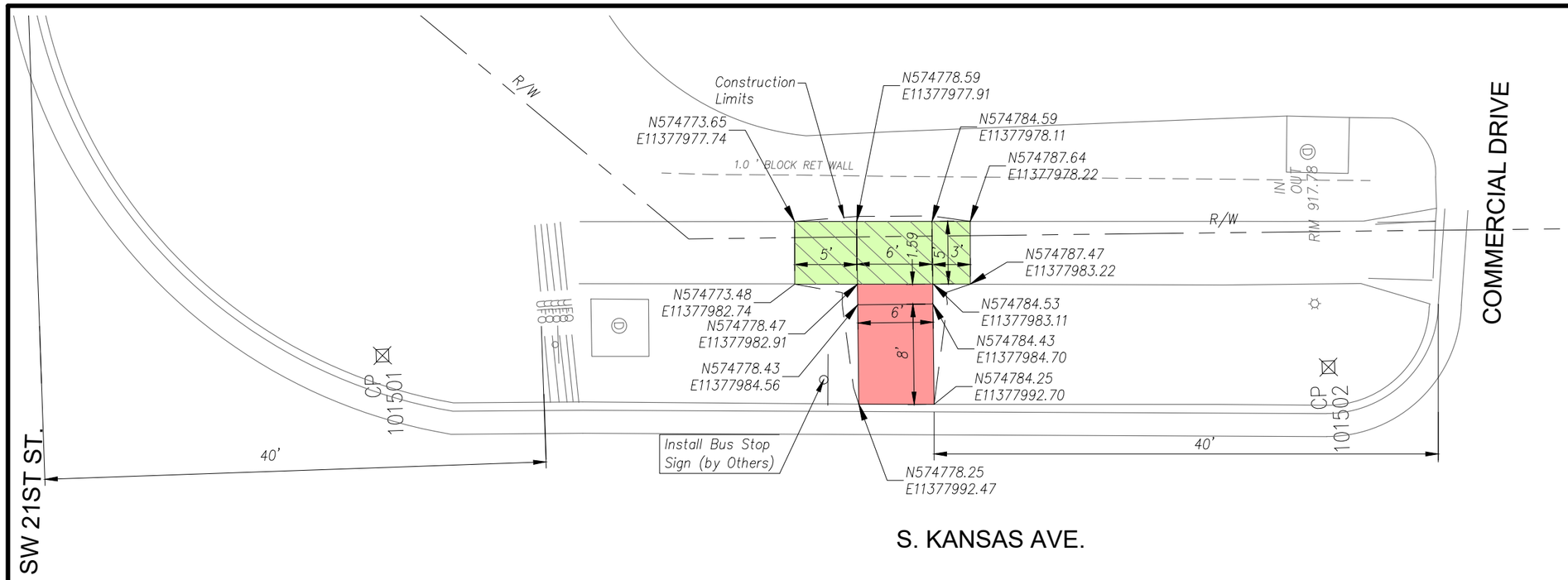
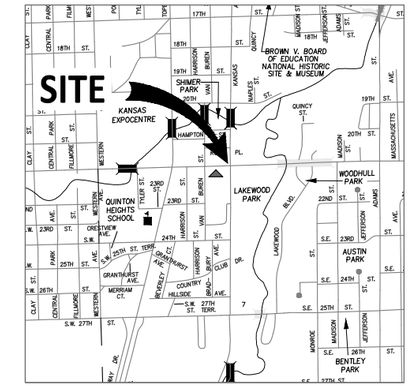


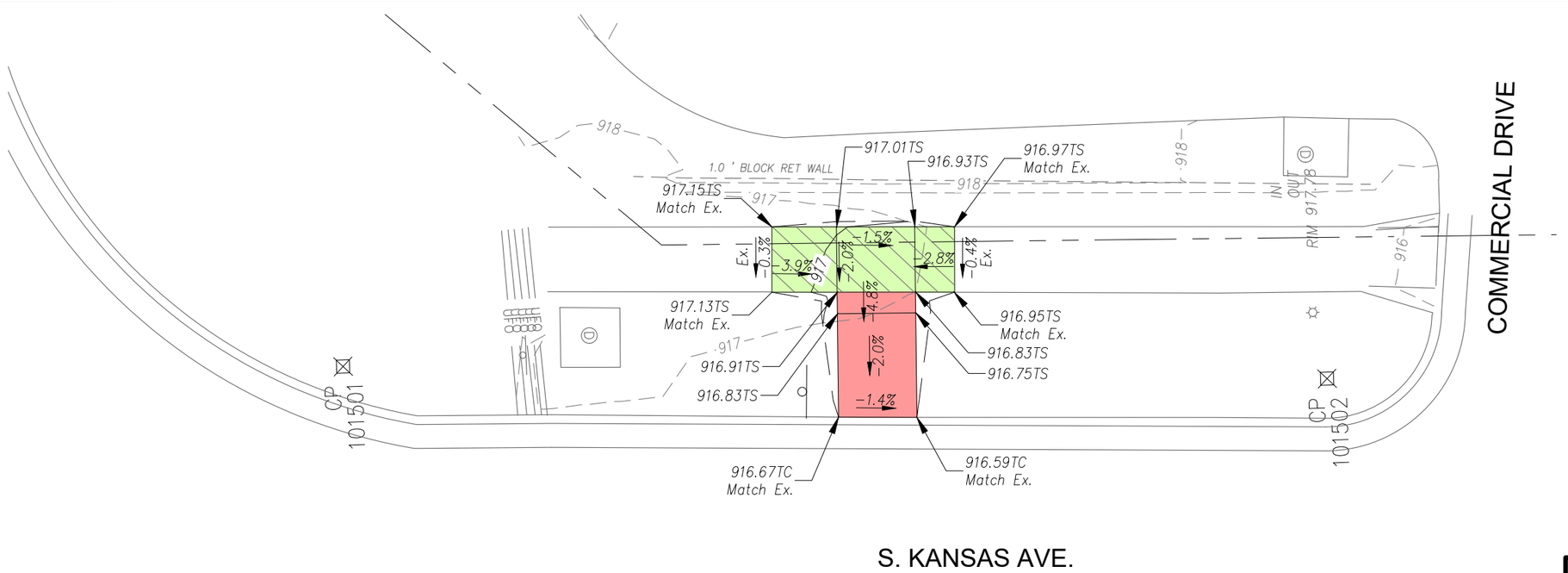


VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101501 SET 5/8" REBAR W/CAP (CFS CONTROL)
N:574740.431 E:11377987.278 EL:917.44
1) WEST B/C KANSAS AVE 3.0' E
2) EAST EDGE N-S WALK 4.1' W
3) SE COR STORMWATER MANHOLE JCT BOX 16.6' N

CP 101502 SET 5/8" REBAR W/CAP (CFS CONTROL)
N:574815.763 E:11377990.836 EL:916.21
1) WEST B/C KANSAS AVE 3.0' E
2) FACE OF LIGHT POLE 5.0' WSW
3) EAST EDGE N-S WALK @ B/C ENTR 9.6' NW



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

S. KANSAS AVE. @ SW 21ST ST. (OB)(NW)
(Standing Pad)

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2930 SW Woodside Dr, Topeka, KS 66614
p: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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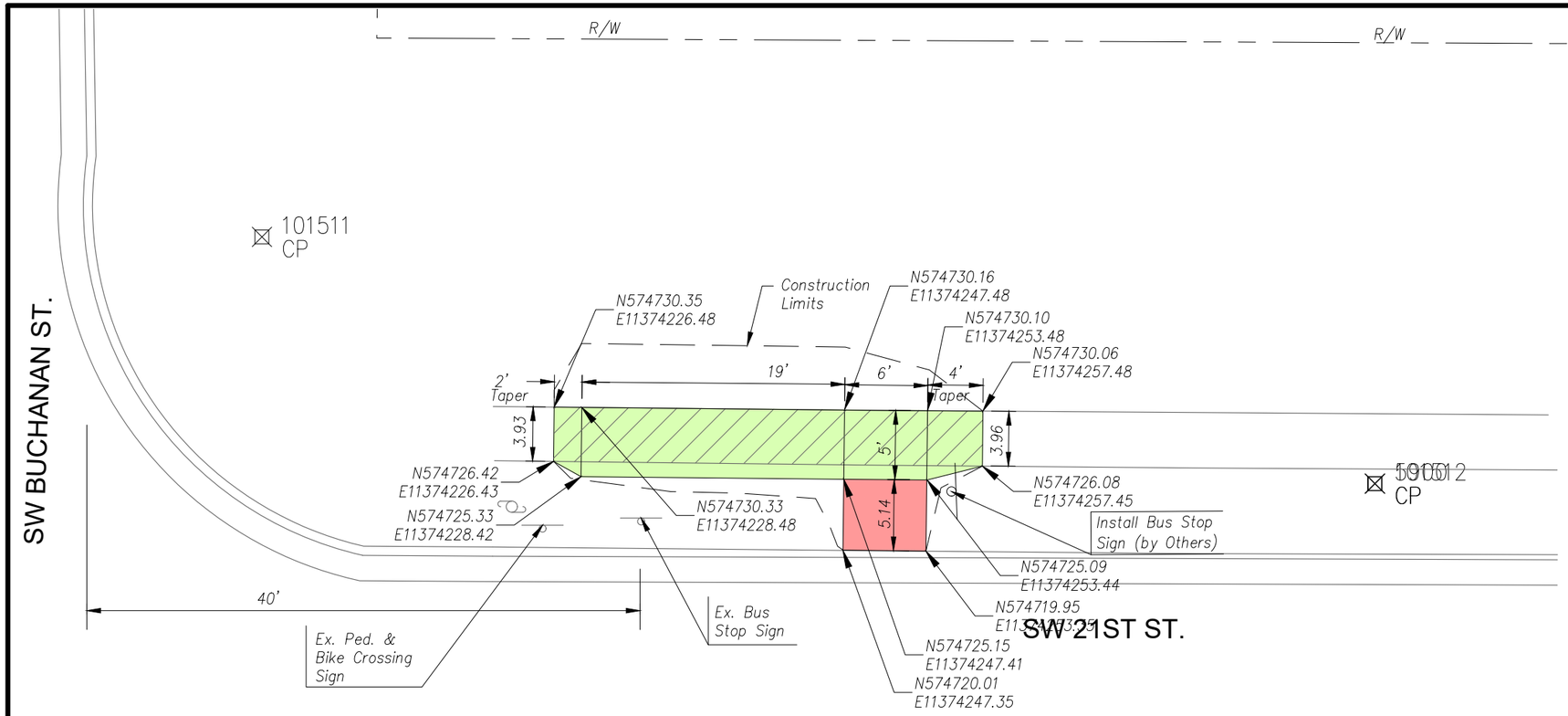
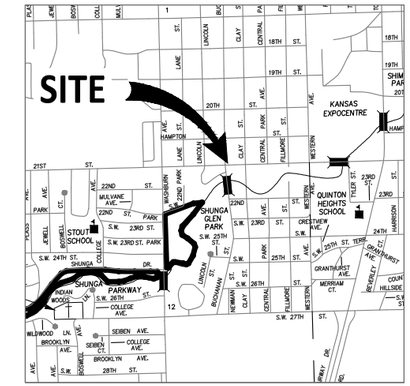


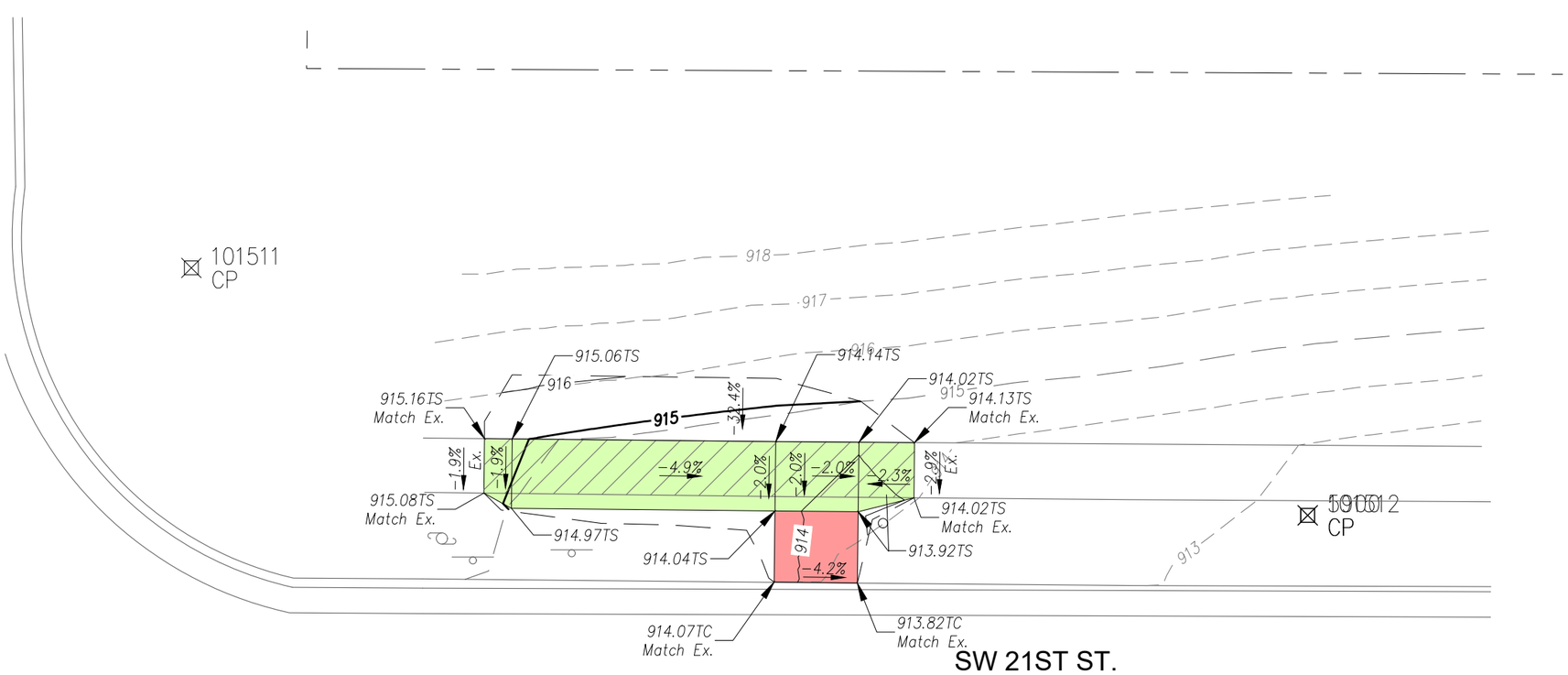


VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101511 SET 5/8" REBAR W/CAP (CFS CONTROL)
N:574742.643 E:11374205.350 EL:916.61
1) SE COR CURB INLET 9.9' NW
2) WEST EDGE N-S WALK 3.6' E
3) ℄ FIBER OPTIC MANHOLE 6.5' SSW

CP 101512 SET 5/8" REBAR W/CAP (CFS CONTROL)
N:574724.813 E:11374285.845 EL:912.95
1) NORTH B/C 21ST ST 5.0' S
2) SOUTH EDGE E-W WALK 1.0' N
3) INLINE W/EAST FACE OF HOUSE



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW 21ST ST. @ SW BUCHANAN ST. (OB)(NE)
(Standing Pad)

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2930 SW Woodside Dr, Topeka, KS 66614
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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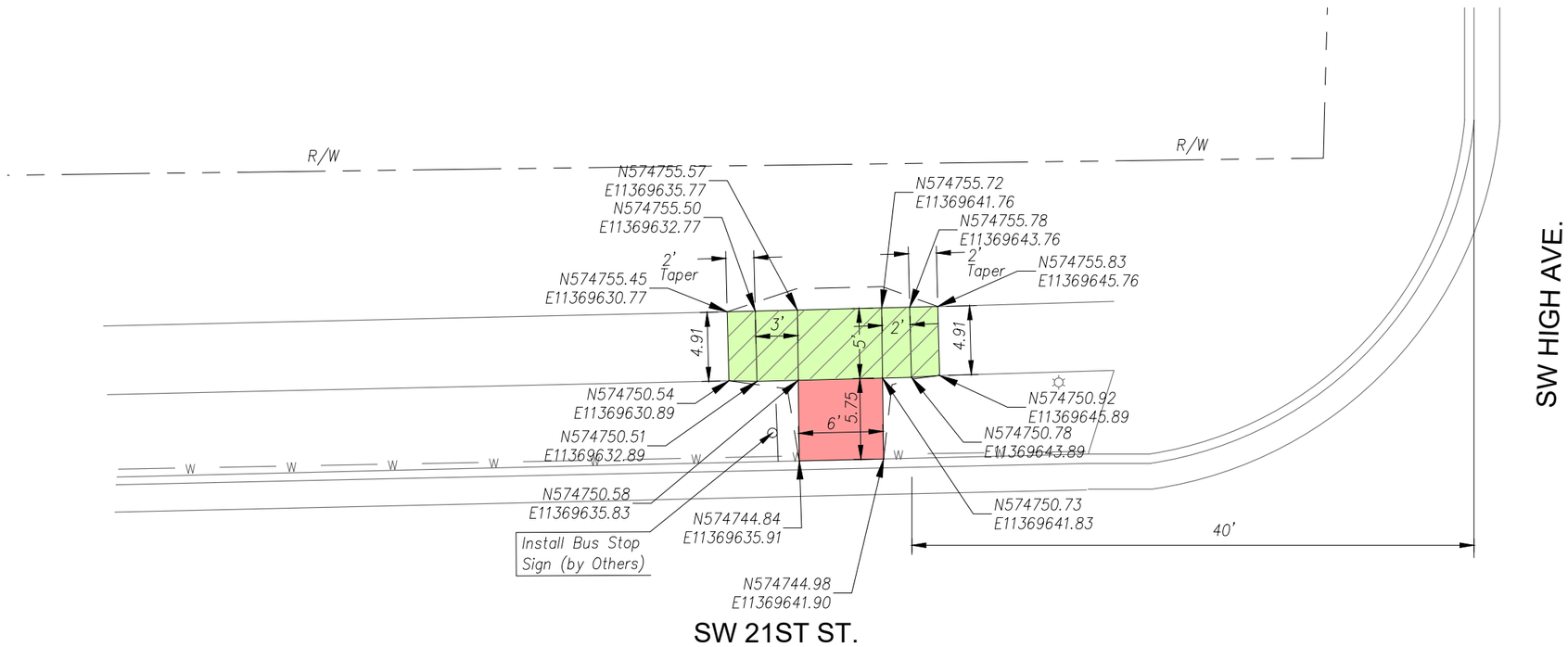
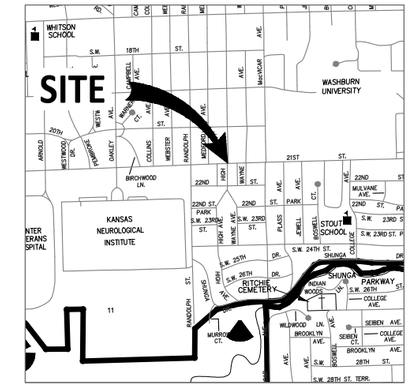


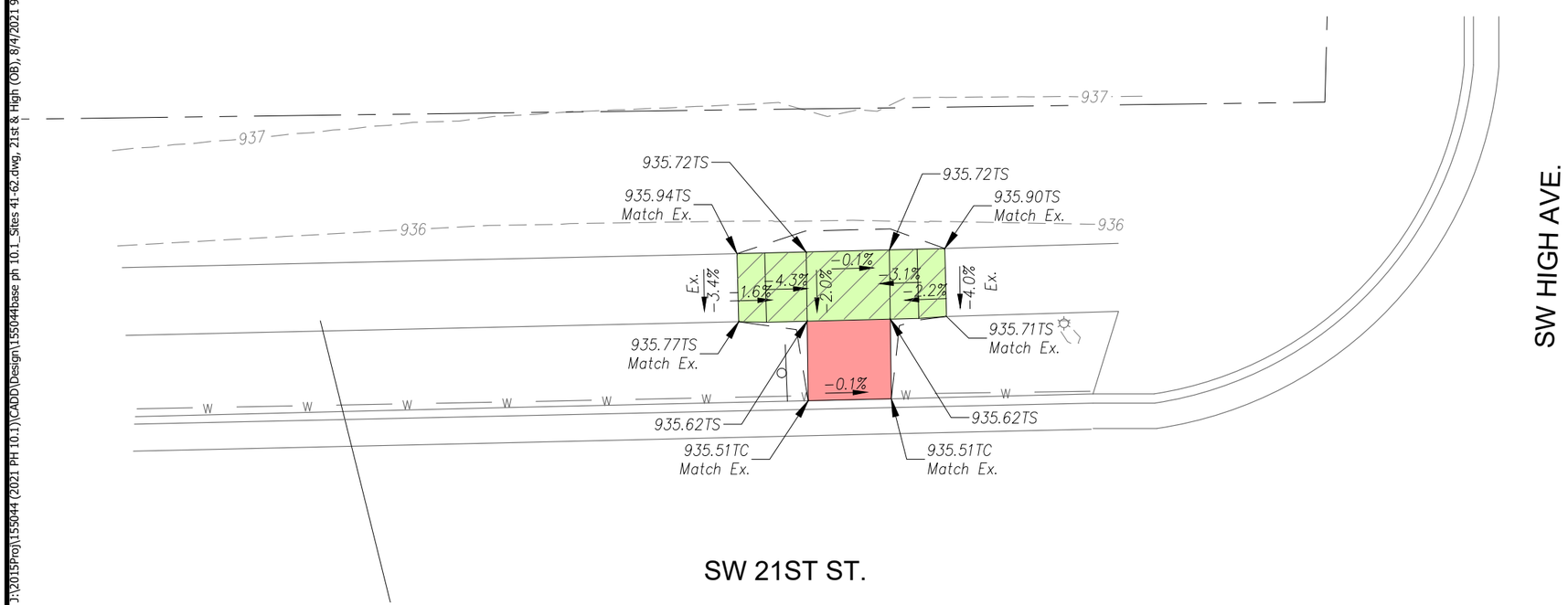


VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101521 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 574746.196 E: 11369567.822 EL: 935.43
1) NORTH B/C 21ST ST 3.0' S
2) SOUTH EDGE E-W WALK 2.8' N
3) INLINE W/WEST FACE BLDG TO SOUTH

CP 101561 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 574678.717 E: 11369546.615 EL: 935.40
1) SOUTH B/C 21ST 2.9' N
2) NORTH EDGE E-W WALK 2.3' S
3) TELE POLE 13.4' SW



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW 21ST ST. @
SW HIGH AVE. (OB)(NW)
(Standing Pad)

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o: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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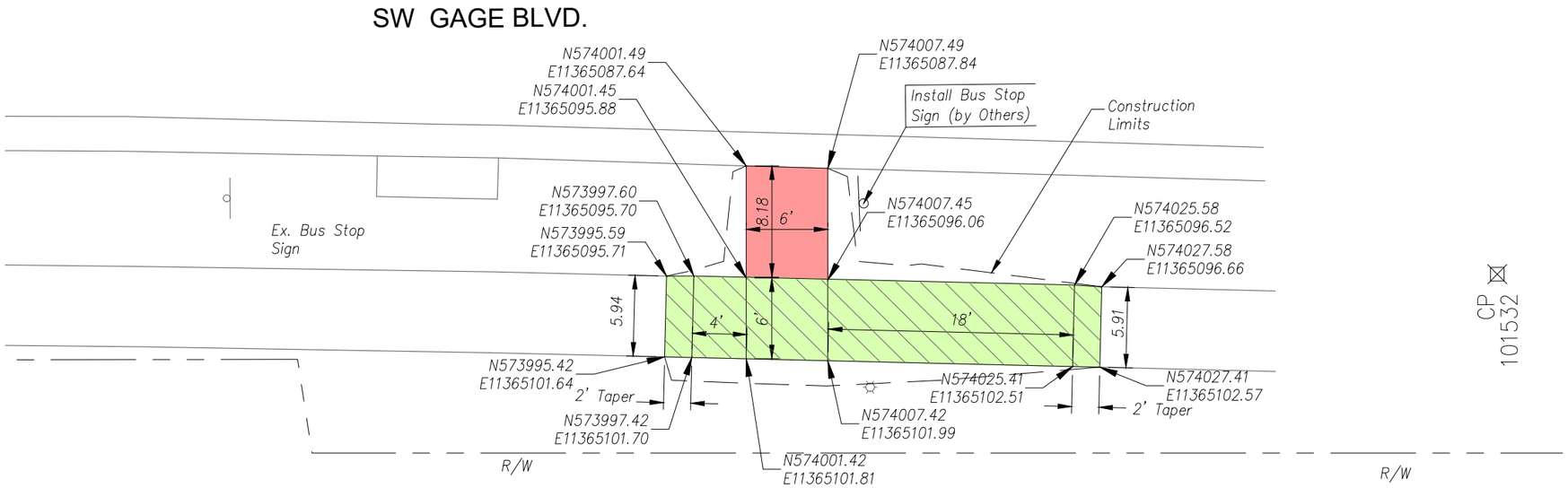
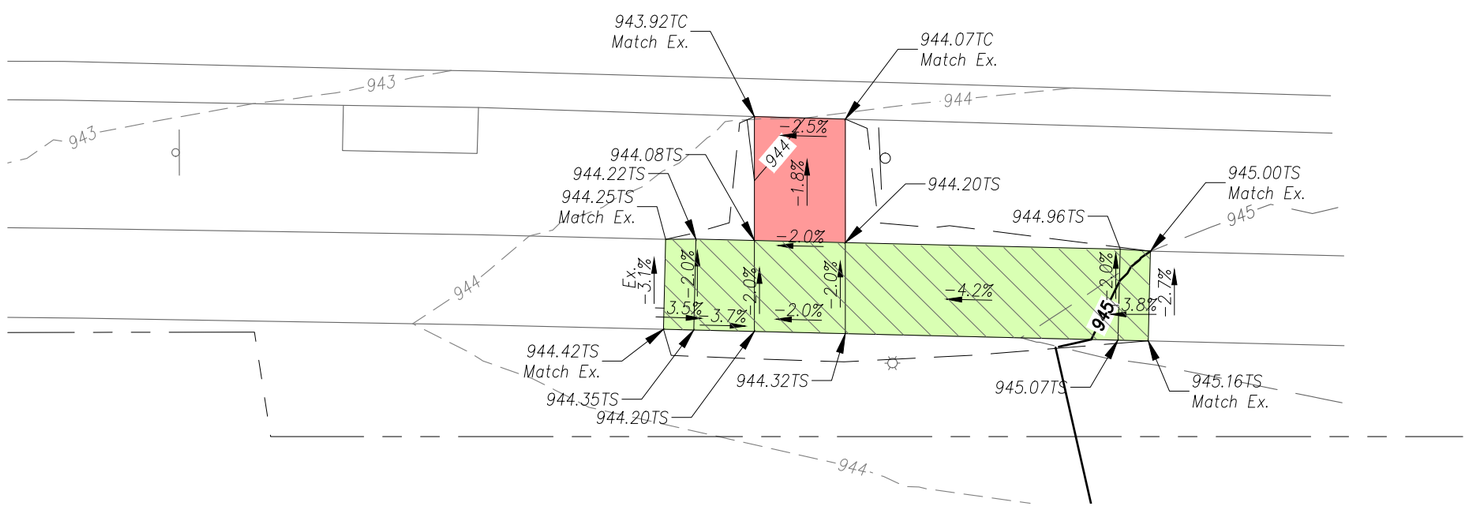


VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101531 SET ⅝" REBAR W/CAP (CFS CONTROL)
N:573906.900 E:11365089.553 EL:942.37
1) EAST B/C GAGE BLVD 3.6' W
2) WEST EDGE N-S WALK 4.3'
3) IN LINE W/SOUTH B/C GARDEN LN TO WEST

CP 101532 SET ⅝" REBAR W/CAP (CFS CONTROL)
N:574056.672 E:11365095.884 EL:945.19
1) EAST B/C GAGE BLVD 6.2' W
2) WEST EDGE N-S WALK 1.6' E
3) LIGHT POLE 46.8' SSE



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW GAGE BLVD. @ SW GARDEN LN. (OB)(NE)
(Standing Pad)

CFS ENGINEERS
cfse.com
2930 SW Woodside Dr, Topeka, KS 66614
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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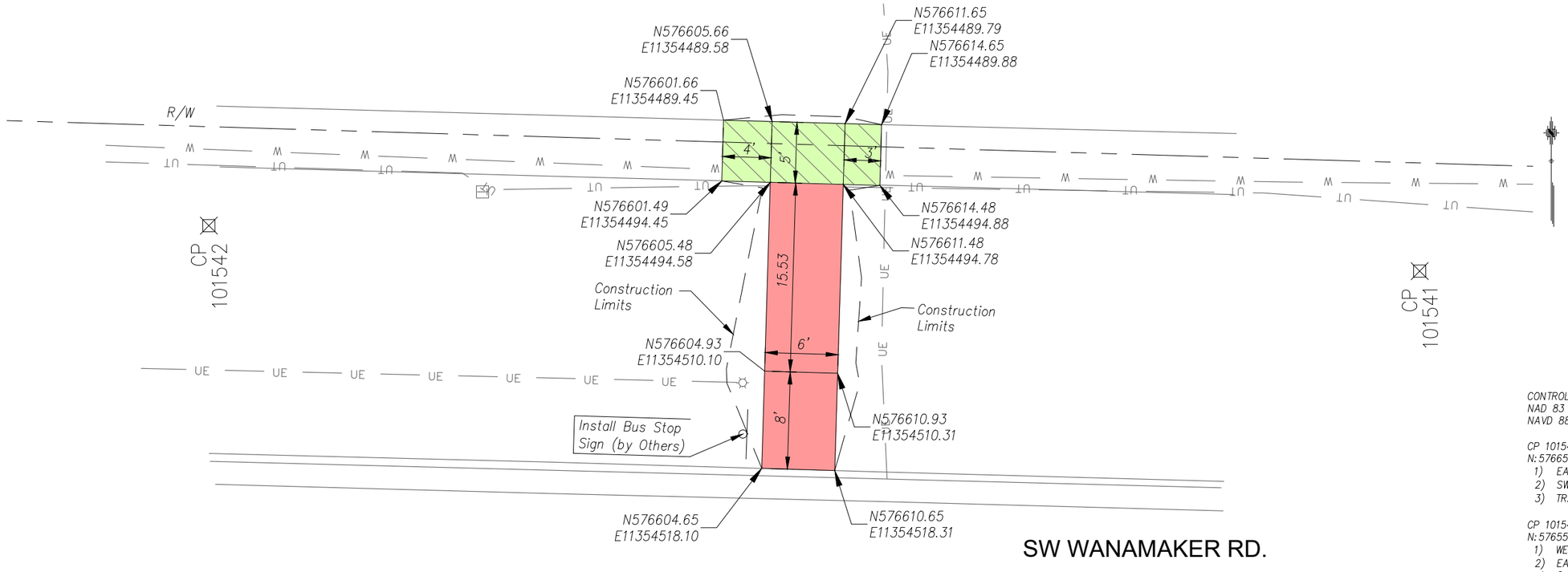
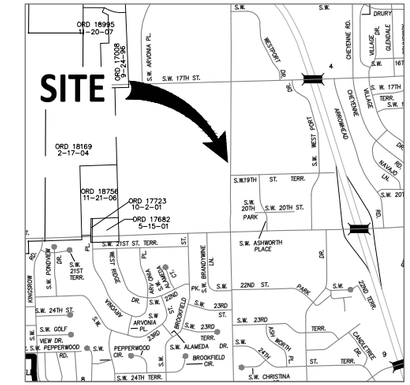




VICINITY MAP
NO SCALE

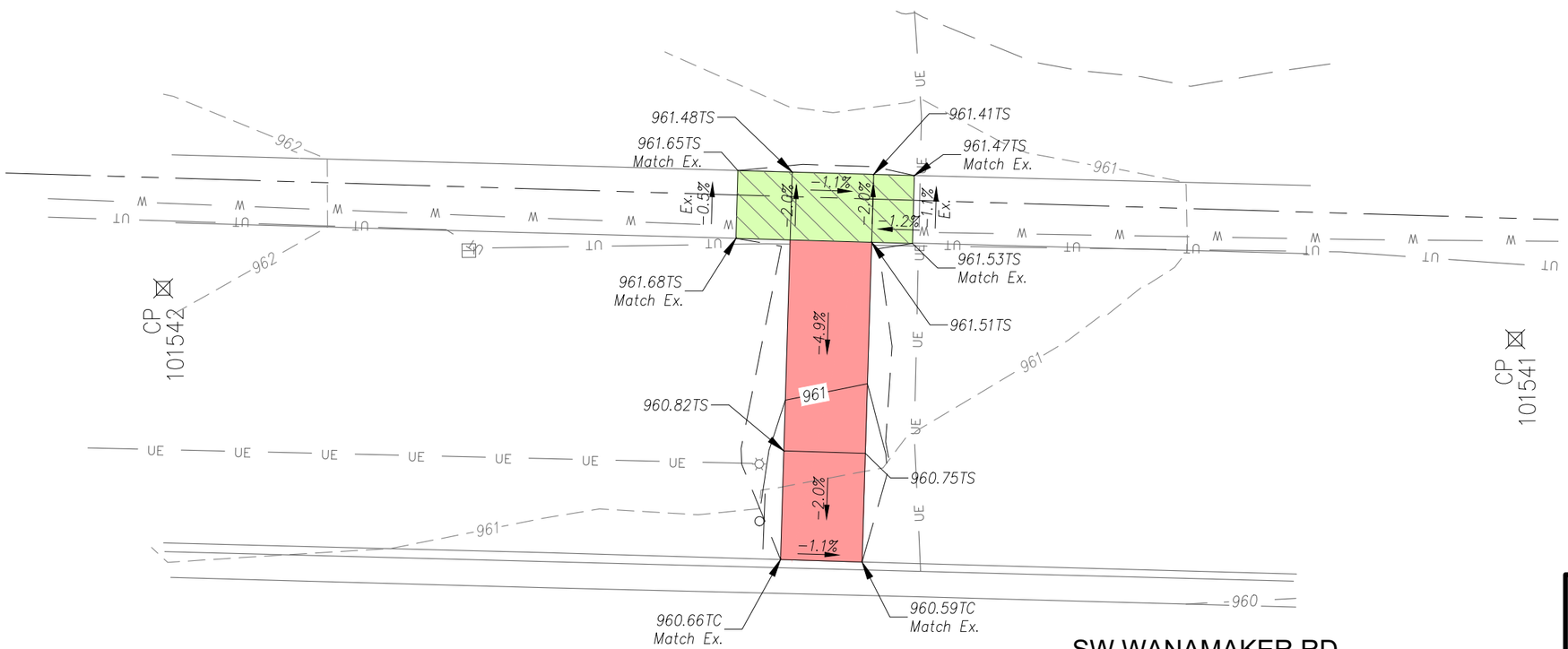
CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101541 SET 5/8" REBAR W/CAP (CFS CONTROL)
N:576658.812 E:11354502.156 EL:960.12

1)	EAST EDGE N-S WALK	5.8' W
2)	SW COR INLET	12.5' E
3)	TRAFFIC SIGNAL POLE	32.3' N

CP 101542 SET 5/8" REBAR W/CAP (CFS CONTROL)
N:576559.312 E:11354497.900 EL:962.09

1)	WEST B/C WANAMAKER	18.7' E
2)	EAST EDGE N-S WALK	4.7' W
3)	℄ TEL PED	22.9' NNW



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW WANAMAKER RD. @ SW 19TH ST. (IB)(MB)
(Standing Pad)

CFS ENGINEERS
cfse.com
2930 SW Woodside Dr, Topeka, KS 66614
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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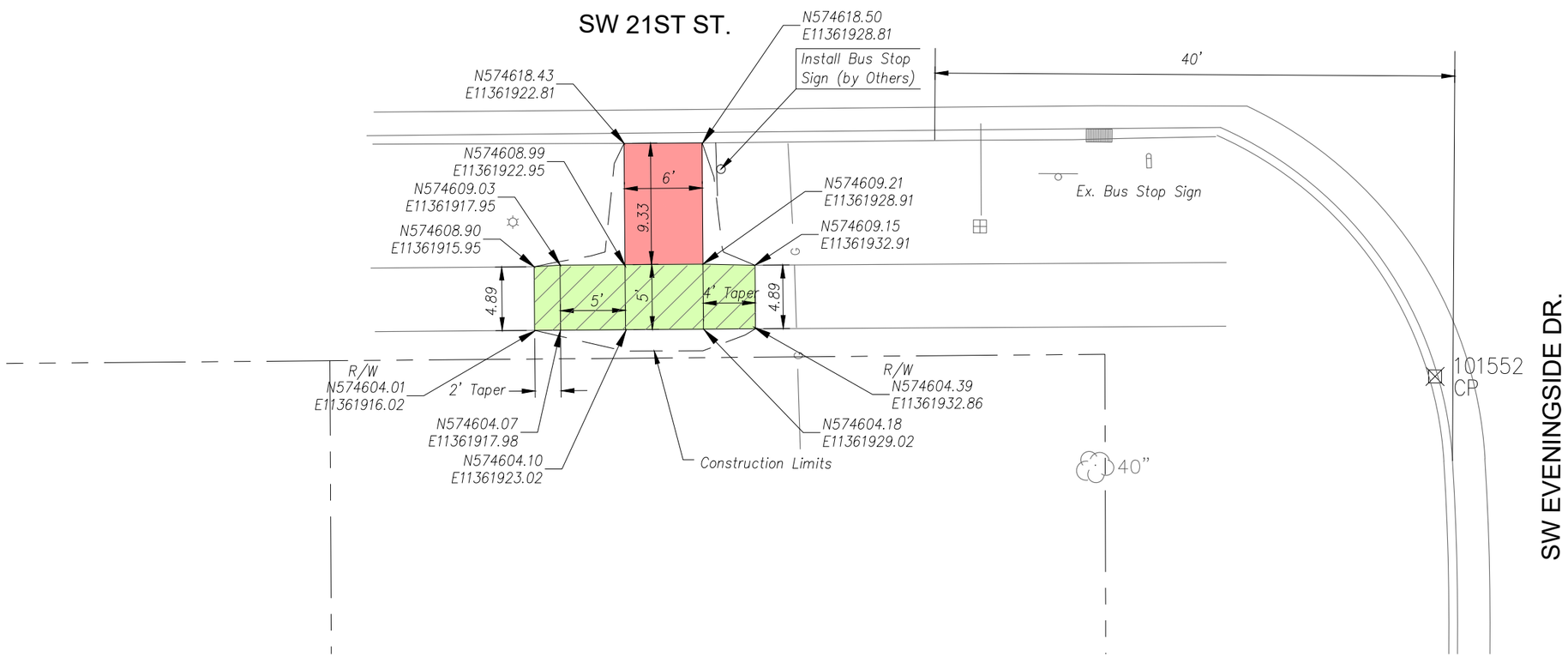


VICINITY MAP
NO SCALE

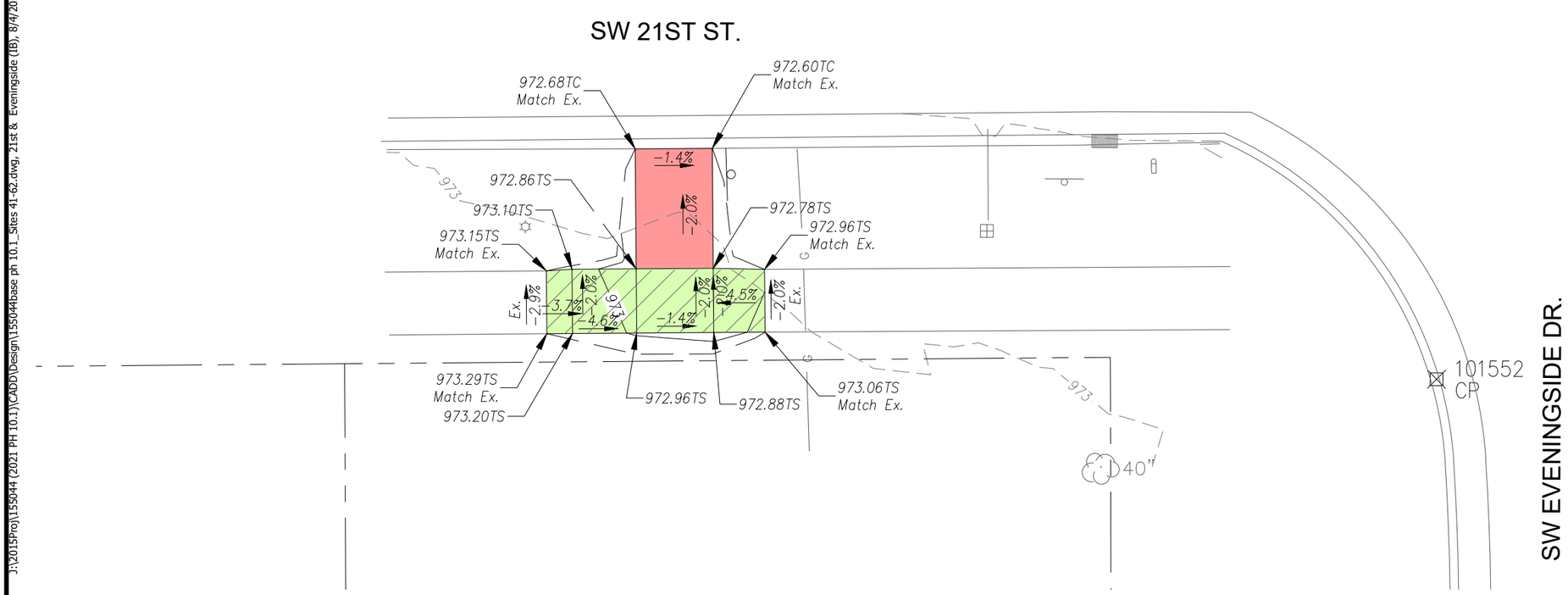
CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101551 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 574611.919 E: 11361868.950 EL: 973.64

1)	NORTH EDGE E-W WALK	3.6' S
2)	MAILBOX POST W/3 MAILBOXES	5.8' N
3)	POWER POLE	17.6' WSW

CP 101552 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 574600.903 E: 11361985.312 EL: 972.11

1)	WEST B/C EVENINGSIDE	5.4' E
2)	EAST EDGE N-S WALK	4.1' N
3)	SOUTH EDGE E-W WALK @ B/C	5.2' ENE



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW 21ST ST. @ SW EVENINGSIDE DR. (IB)(SW)

(Standing Pad)

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2930 SW Woodside Dr, Topeka, KS 66614
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NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

J:\2015Proj\155044 (2021 PH 10.1)\CADD\Design\155044base ph 10.1_Sites 41-62.dwg
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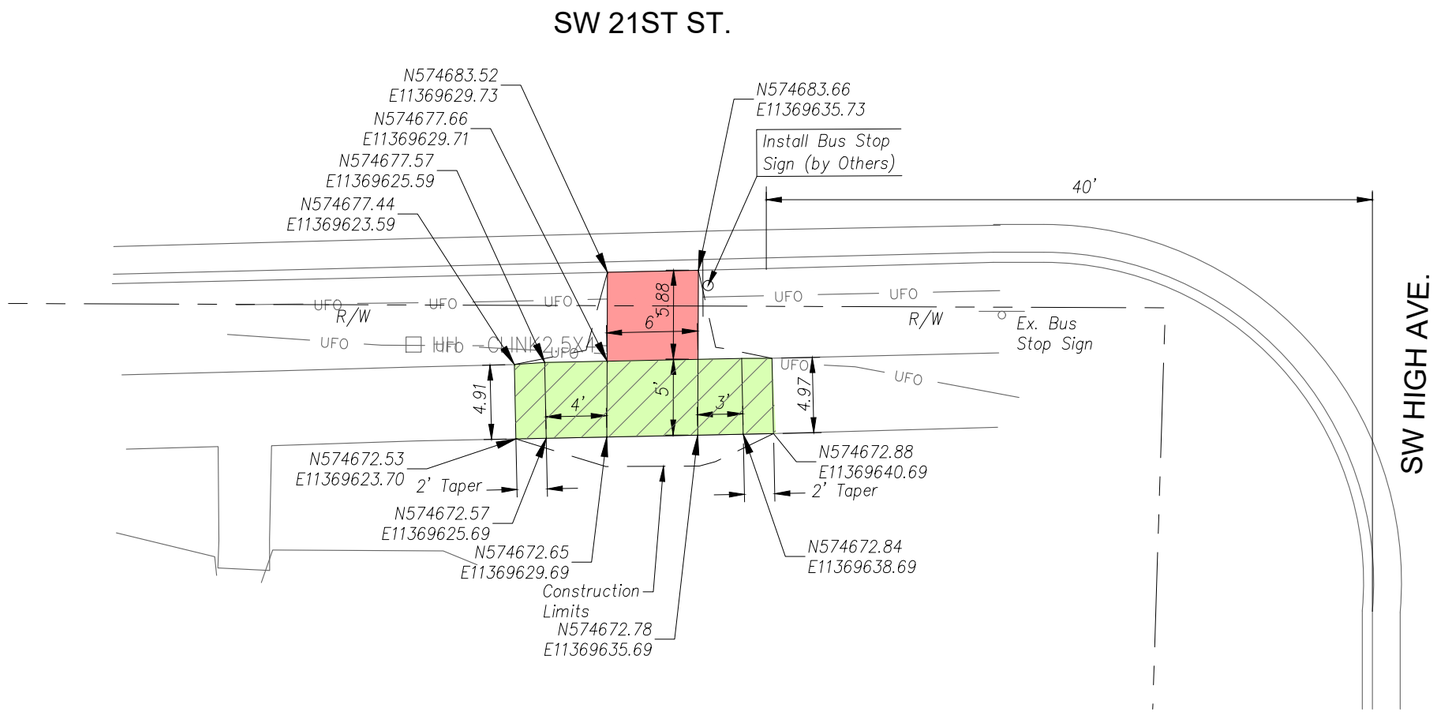
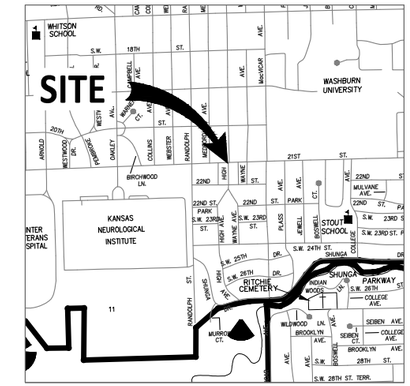


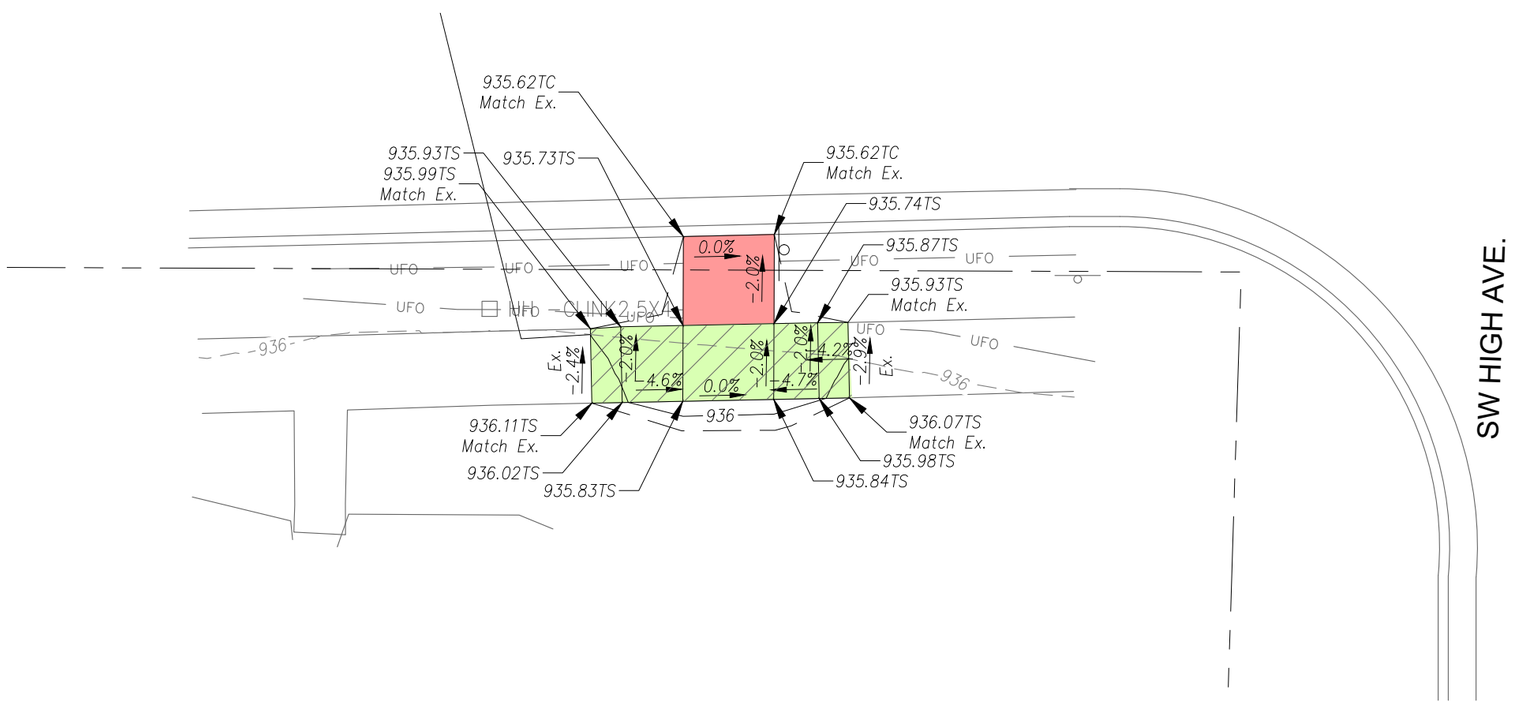


VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101521 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 574746.196 E: 11369567.822 EL: 935.43
1) NORTH B/C 21ST ST 3.0' S
2) SOUTH EDGE E-W WALK 2.8' N
3) INLINE W/WEST FACE BLDG TO SOUTH

CP 101561 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 574678.717 E: 11369546.615 EL: 935.40
1) SOUTH B/C 21ST 2.9' N
2) NORTH EDGE E-W WALK 2.3' S
3) TELE POLE 13.4' SW



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW 21ST ST. @
SW HIGH AVE. (IB)(SW)
(Standing Pad)

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NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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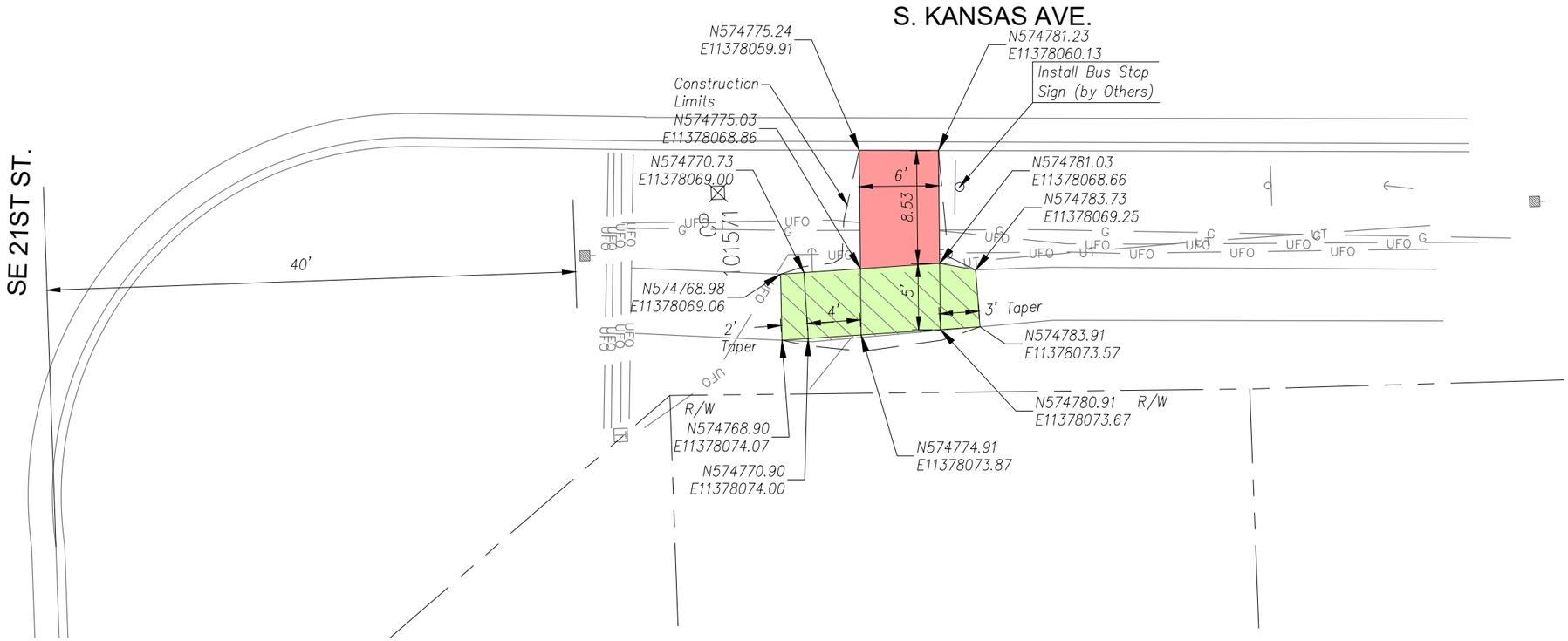
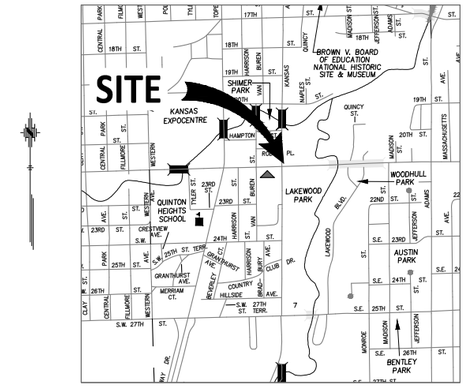




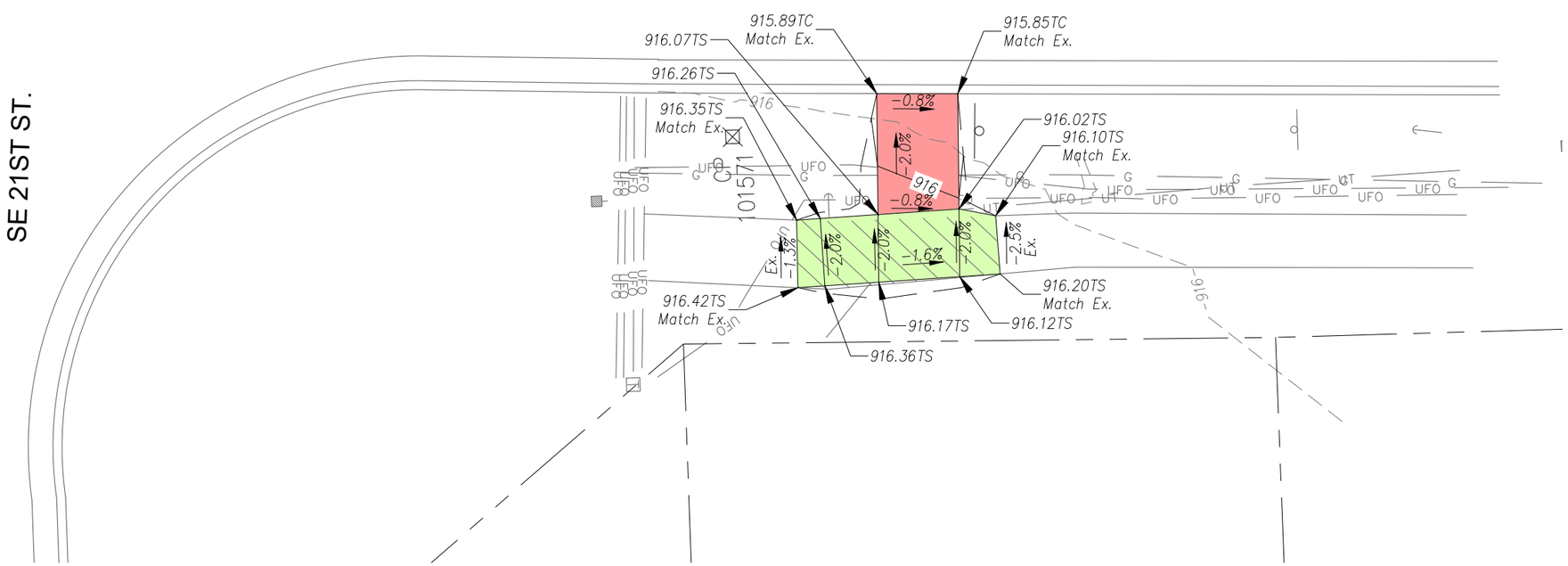
VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101501 SET ⅝" REBAR W/CAP (CFS CONTROL)
N:574740.431 E:11377987.278 EL:917.44
1) WEST B/C KANSAS AVE 3.0' E
2) EAST EDGE N-S WALK 4.1' W
3) SE COR STORMWATER MANHOLE JCT BOX 16.6' N

CP 101502 SET ⅝" REBAR W/CAP (CFS CONTROL)
N:574815.763 E:11377990.836 EL:916.21
1) WEST B/C KANSAS AVE 3.0' E
2) FACE OF LIGHT POLE 5.0' WSW
3) EAST EDGE N-S WALK @ B/C ENTR 9.6' NW

CP 101571 SET ⅝" REBAR W/CAP (CFS CONTROL)
N:574764.451 E:11378062.735 EL:916.15
1) EAST B/C KANSAS AVE 3.1' W
2) WEST EDGE N-S WALK 6.0' E
POWER POLE 10.4' SE



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

S. KANSAS AVE. @
SW 21ST ST. (IB)(NE)
(Standing Pad)

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NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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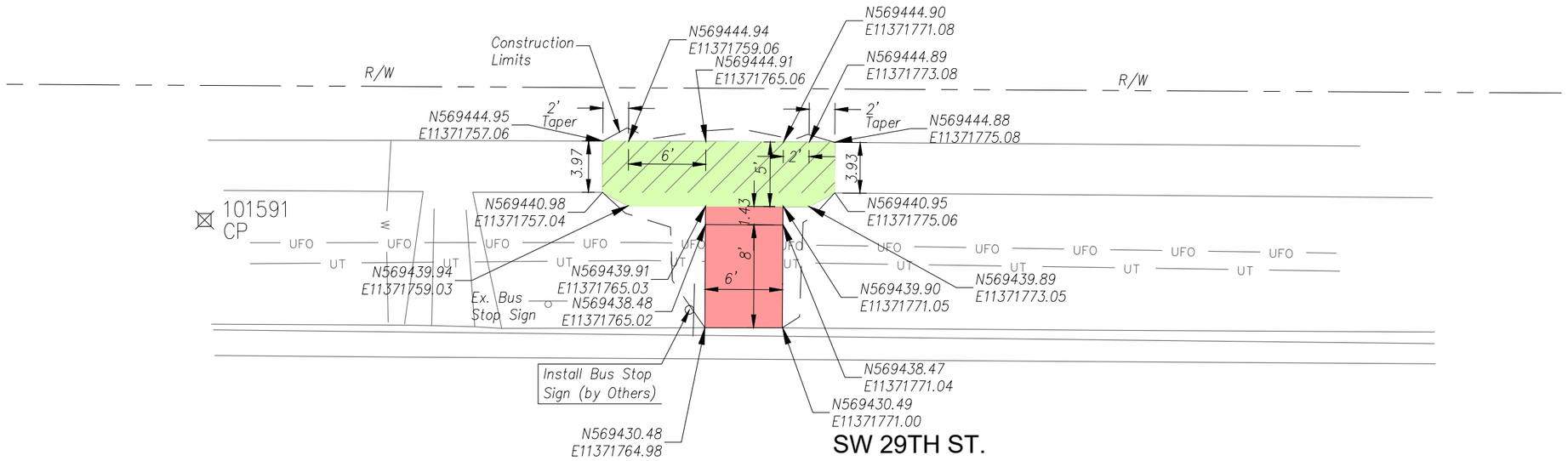
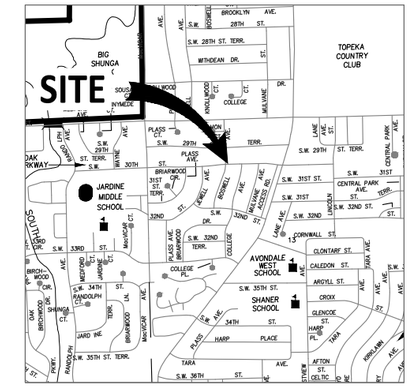




VICINITY MAP
NO SCALE

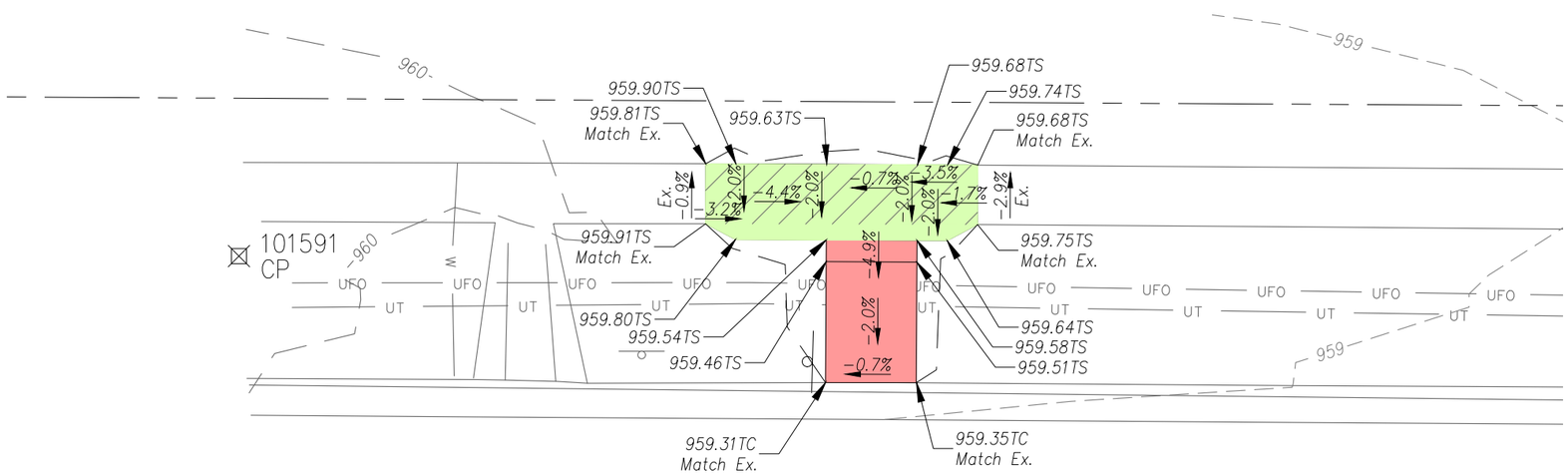
CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101591 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 569438.841 E: 11371726.173 EL: 960.42

1)	NORTH B/C 29TH ST	8.0' S
2)	SOUTH EDGE E-W WALK	2.2' N
3)	WEST EDGE N-S HANDICAP RAMP	16.5' E

CP 101592 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 569438.431 E: 11371832.642 EL: 958.68

1)	SOUTH EDGE E-W WALK	2.0' N
2)	NW COR INLET	7.7' SW
3)	NE COR INLET	5.0' S



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW 29TH ST. @ SW BOSWELL AVE. (OB)(NE)
(Standing Pad)

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NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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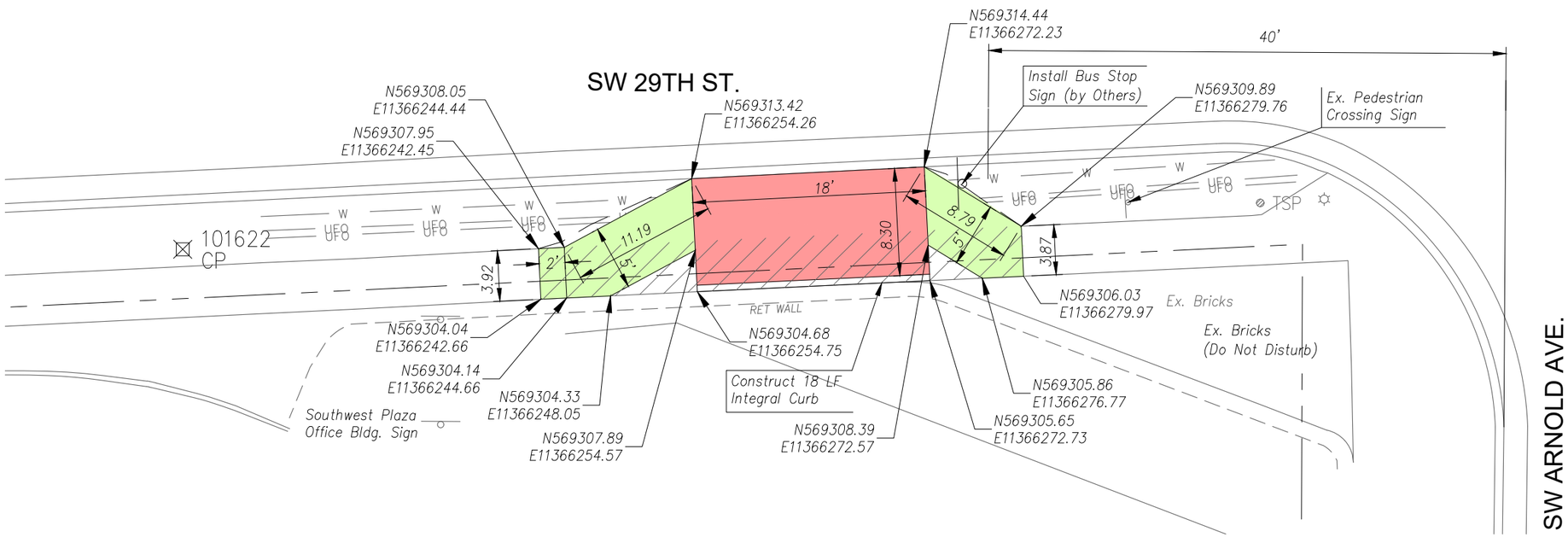
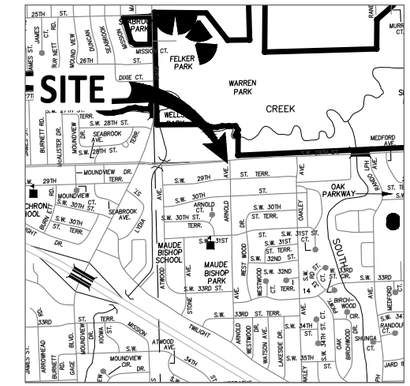


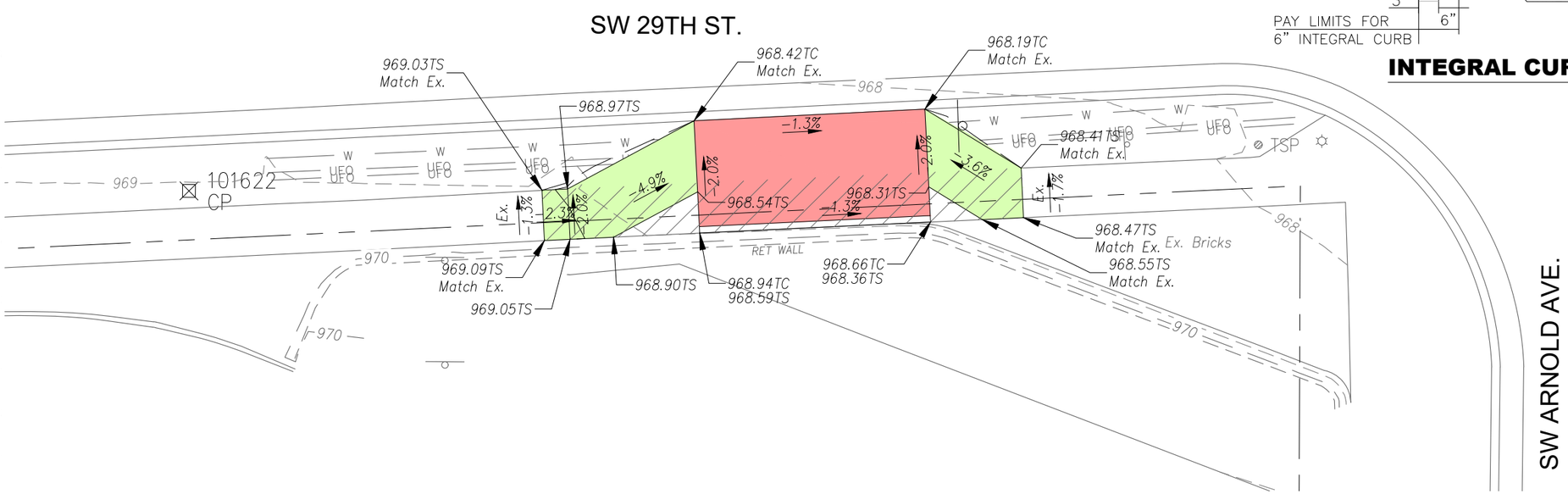


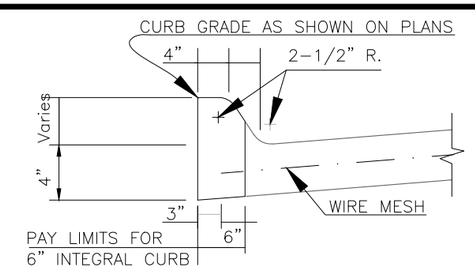
VICINITY MAP
NO SCALE

CONTROL
NAD 83 KRCS ZONE 11
NAVD 88

CP 101621 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 569308.790 E: 11366397.502 EL: 967.93
1) SOUTH B/C 29TH ST 11.5' N
2) WEST END CONC RET 15.5' WNW
3) INLINE W/WEST FACE BLDG @ SE COR 29TH & ARNOLD

CP 101622 SET ⅝" REBAR W/CAP (CFS CONTROL)
N: 569307.731 E: 11366214.945 EL: 969.17
1) INLINE W/EAST FACE BLDG @ SW COR 29TH & ARNOLD
2) NORTH EDGE E-W WALK 3.4' N





INTEGRAL CURB

SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW 29TH ST. @ SW ARNOLD AVE. (IB)(SW)

(Bench Pad)

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NOTE: TMTA, Phase 10.1	
CFS PROJECT # 15-5044	DATE: 3/26/21
PROJECT MANAGER: KH	SHEET 1 OF 1

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