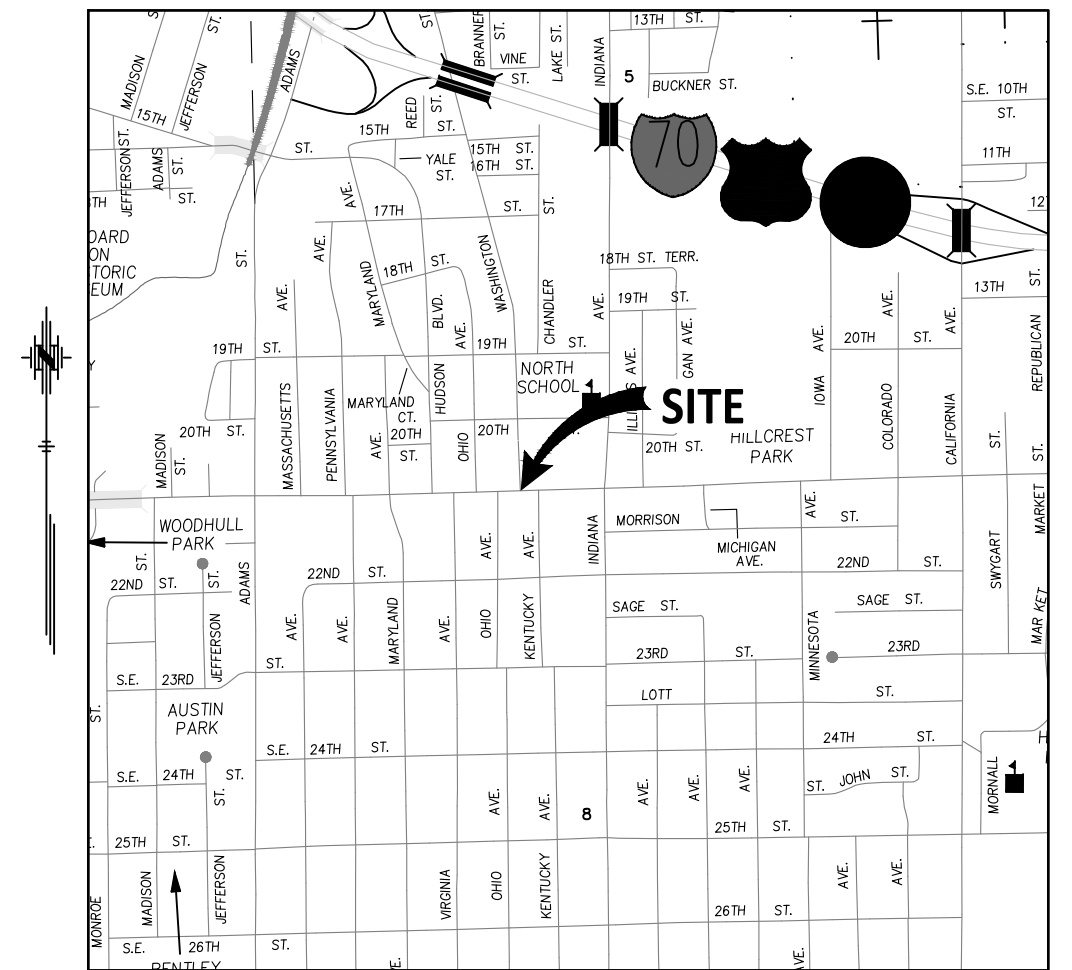
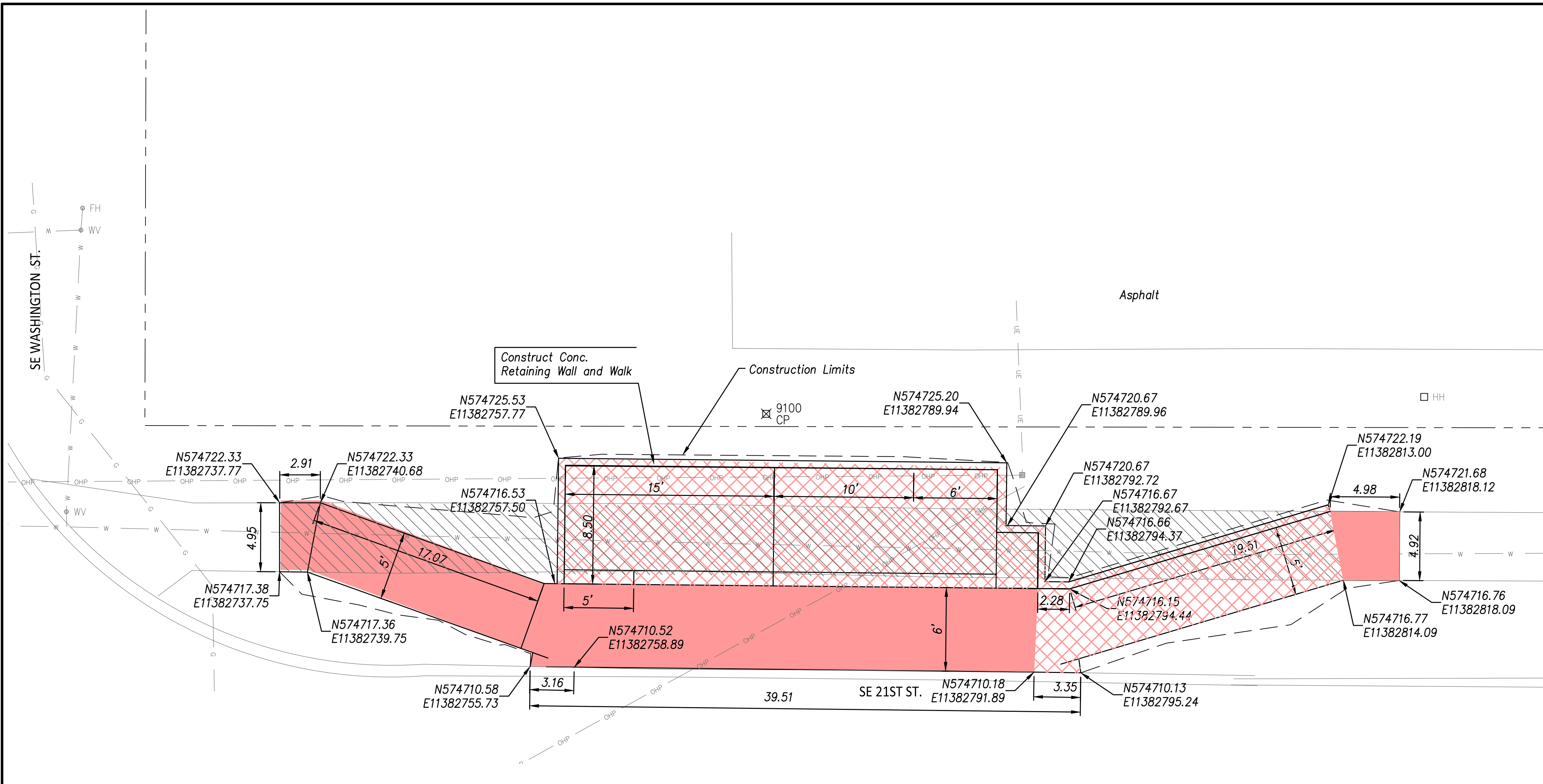




TOPEKA METRO

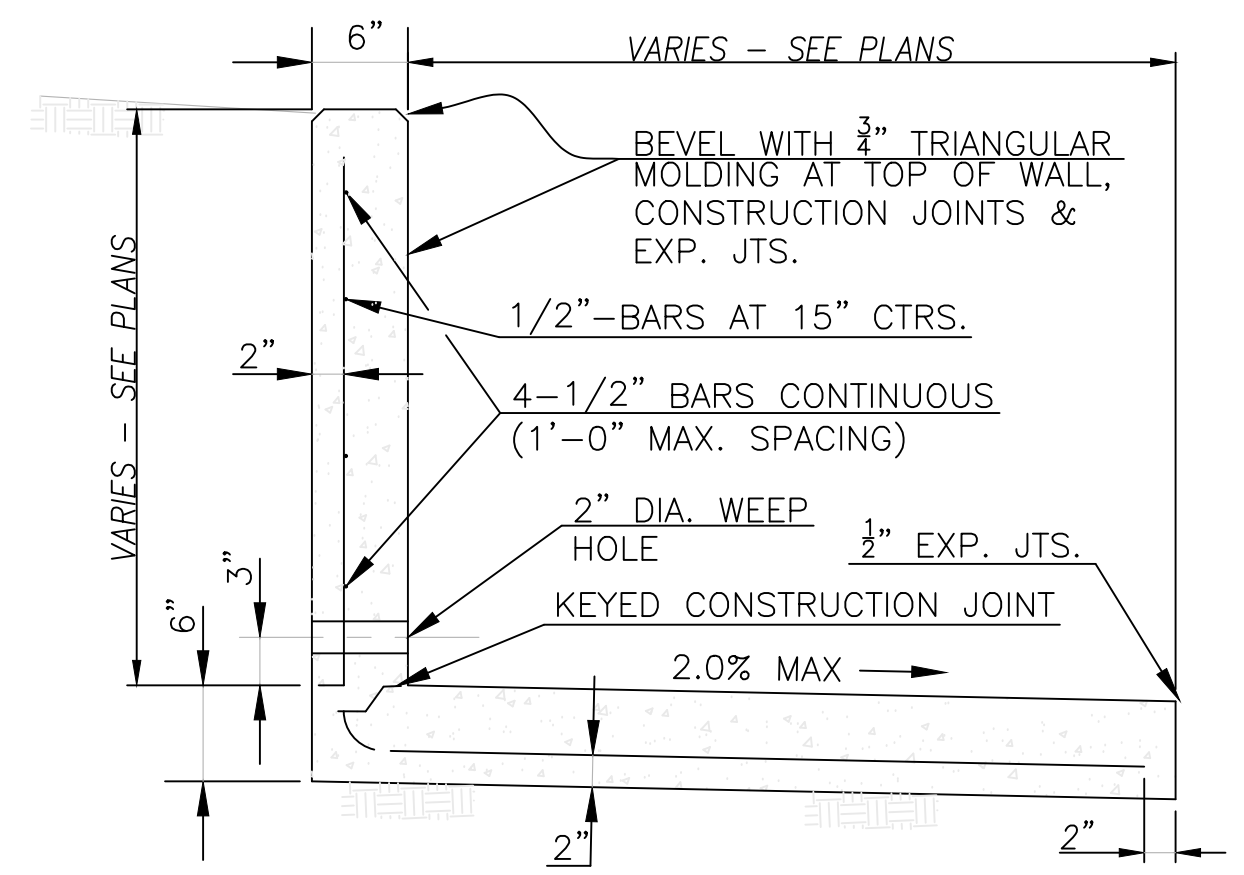
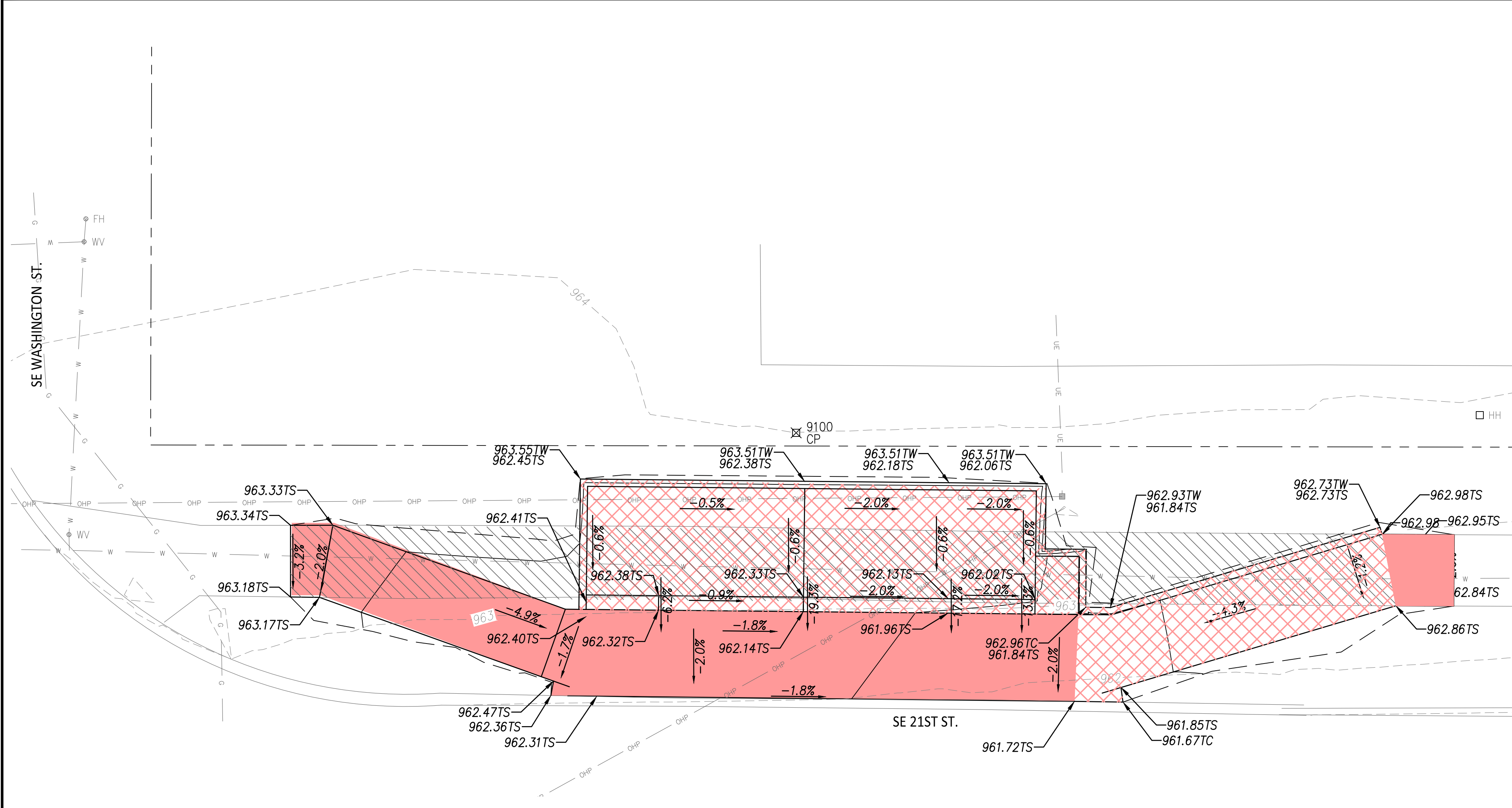
**REQUEST FOR BIDS
Concrete Pads for Bus Stops
Phase 9 Group 2.1
TO-20-02**

**Appendix III
Engineering Studies**



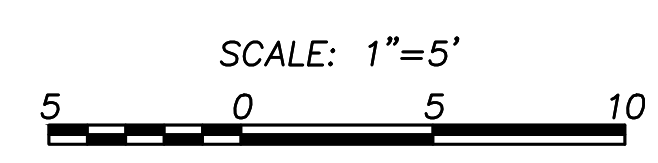
VICINITY MAP
NO SCALE

- CONTROL 155044 PH 9.1
NAD 83 KRCS ZONE 11
NAVD 88
- CP 9100 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574728.717 E: 11382772.670 EL: 964.07
- 1) TO B/C NORTH SIDE 21ST 18.6'S
 - 2) TO B/C SW COR PARKING LOT 5.57' NNW
 - 3) TO WASHINGTON ST 75.0' W
 - 4) TO WEST FACE METAL POWER POLE 19.03' ESE
- CP 9101 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574714.820 E: 11382647.768 EL: 965.07
- 1) TO WASHINGTON ST 50.0' E
 - 2) TO B/C @ WEST ECR NW QUAD 21ST & WASH 4.35' SW
 - 3) TO NE CORNER CURB INLET 7.42' WSW
 - 4) TO SIDEWALK PI (W-S) 8.05' ENE



RETAINING WALL & WALK DETAIL

NOTE:
▶ THIS TYPE OF WALL MAY BE USED TO A MAXIMUM HEIGHT OF 3'-0".
▶ WEEP HOLES AT A MAXIMUM OF 15' CENTER TO CENTER WITH COARSE AGGREGATE PLACED AT EACH WEEP HOLE 18" IN ALL DIRECTIONS ABOVE FLOW LINE.
▶ CONCRETE SHALL BE CLASS "A" THROUGHOUT WITH GRADE 40 REINFORCING.
▶ PLACE 1/2" HARDWARE SCREEN AT WEEP HOLES TO RETAIN AGGREGATE.



LEGEND

- Construct Comb. Sidewalk & Retaining Wall
 - Construct 5" Non-Reinforced Pad w/ 4" AB-3
 - Conc. Sidewalk Removal
 - Construct 4" Conc. Sidewalk w/ 4" AB-3
- TP Top of Pavement
TS Top of Sidewalk
TC Top of Curb
TW Top of Wall

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

SW 21st ST. &
SW WASHINGTON ST. (NE)

CITY OF TOPEKA

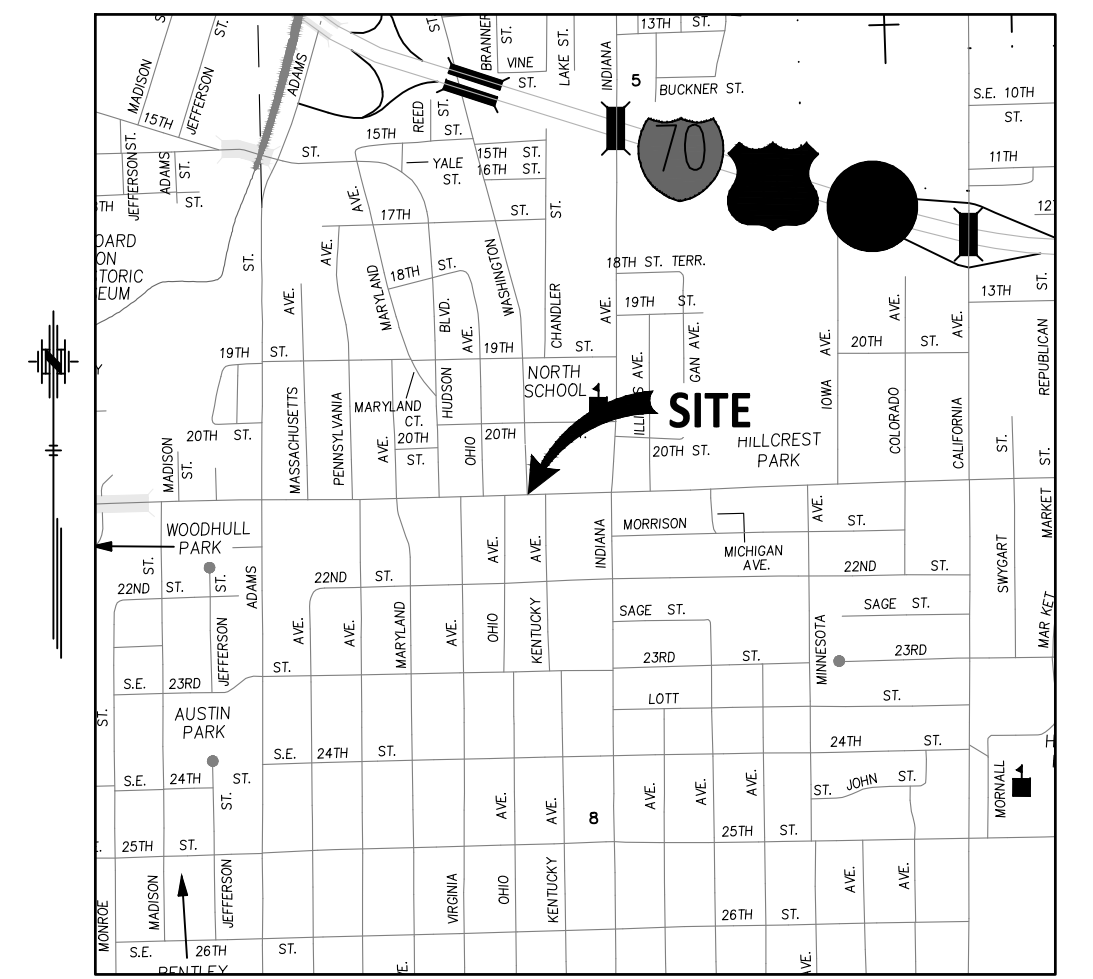
CFS ENGINEERS

2830 SW Woodside Dr., Topeka, KS 66614
C: 785-272-4706 F: 785-272-4735

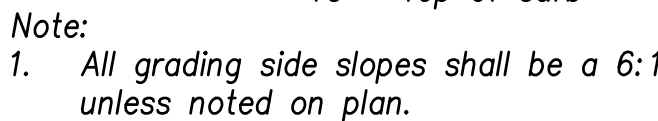
NOTE: TMTA, PHASE 9.1

CFS PROJECT # 15-5044 DATE: 11/1/18

PROJECT MANAGER: KH SHEET 1 OF 1

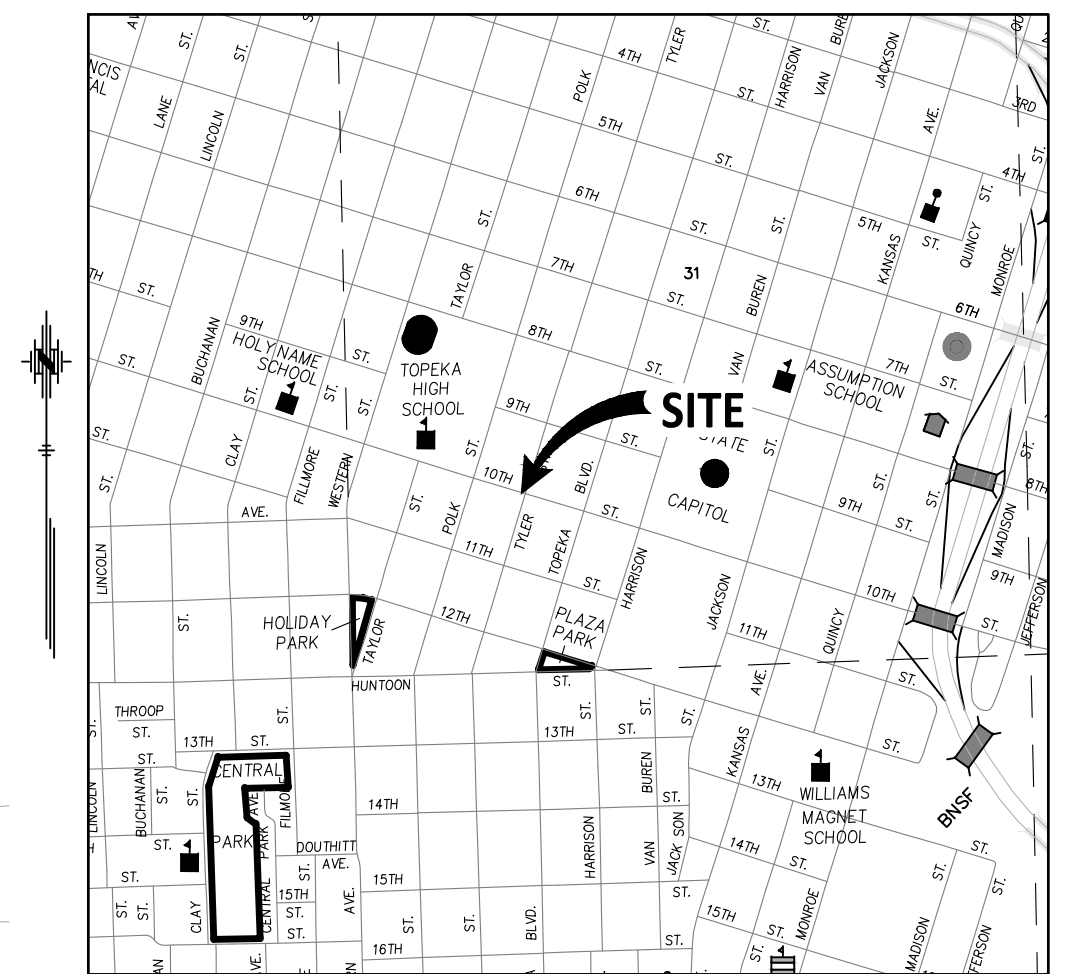


1) TO C WASHINGTON ST	50.0' E
2) TO B/C @ WEST ECR NW QUAD 21ST & WASH	4.35' SW
3) TO NE CORNER CURB INLET	7.42' WSW
4) TO SIDEWALK PI (W-S)	8.05' ENE



The clear front shelter panel shall be installed on the northeast side of the shelter for ADA accessibility.

SHAWNEE CO., KS



VICINITY MAP

NO SCALE

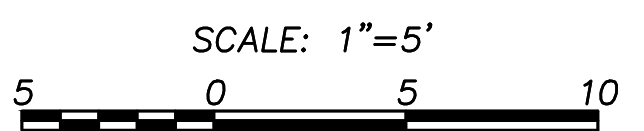
155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92141 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 581263.6510 E: 11376963.0600 EL: 942.94

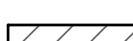
1) TO SOUTH B/C 10TH AVE 2.1' N
2) TO WEST EDGE N-S WALK @ B/C 10.7' E
3) TO NORTH EDGE E-W WALK 11.3' S

CP 92142 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 581293.7140 E: 11376873.0150 EL: 942.80

1) TO SOUTH B/C 10TH AVE 2.8' N
2) TO NORTH EDGE E-W WALK 11.0' S
3) TO SW COR INLET 2.4' NE



LEGEND

- | | |
|---|--|
|  | - Construct Comb. Sidewalk & Retaining Wall |
|  | - Construct 5" Non-Reinforced Pad w/ 4" AB-3 |
|  | - Conc. Sidewalk Removal |
|  | - Construct 4" Conc. Sidewalk w/ 4" AB-3 |

TP	Top of Pavement
TS	Top of Sidewalk
TC	Top of Curb
TW	Top of Wall

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

**SW 10TH AVE. & SW TYLER ST.
(MBS)**

(Med. Shelter & Trash Can)

CITY OF TOPEKA

CFS ENGINEERS

cfse.com

NOTE: TMTA , PHASE 9.2

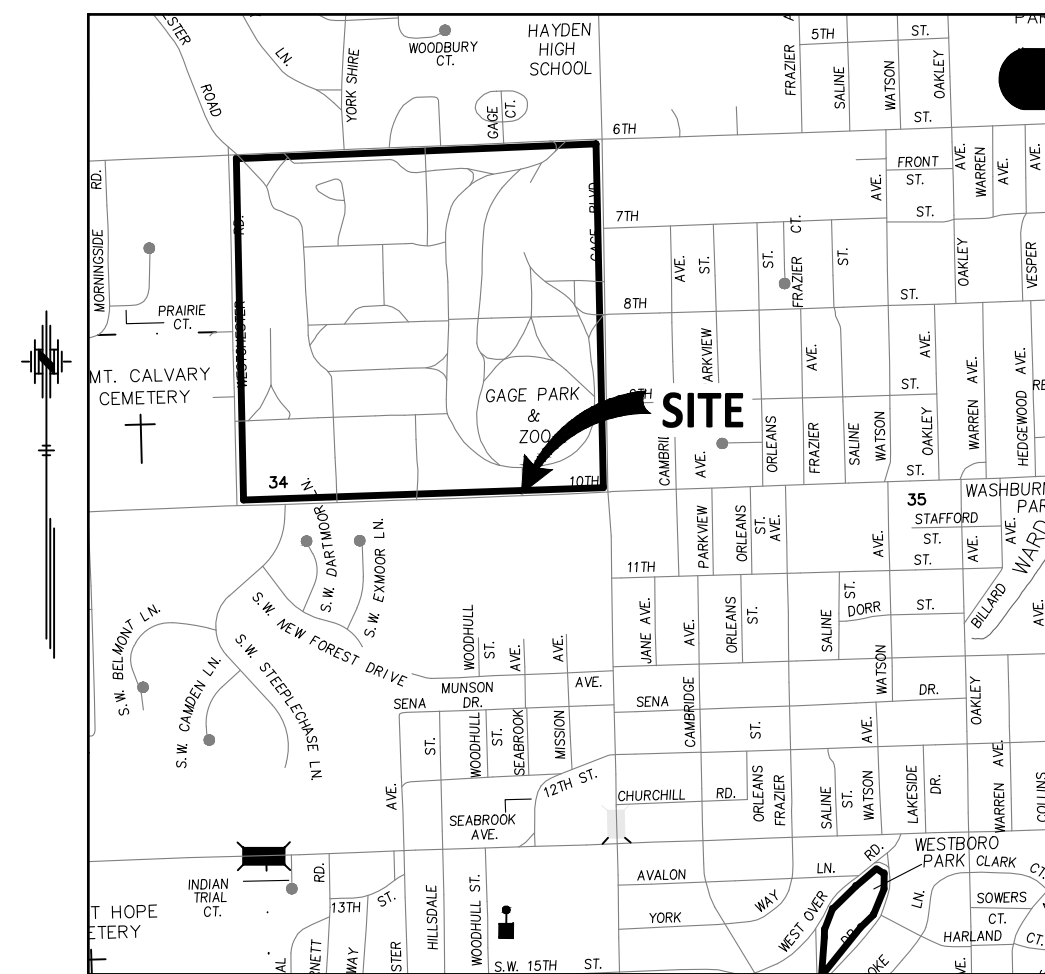
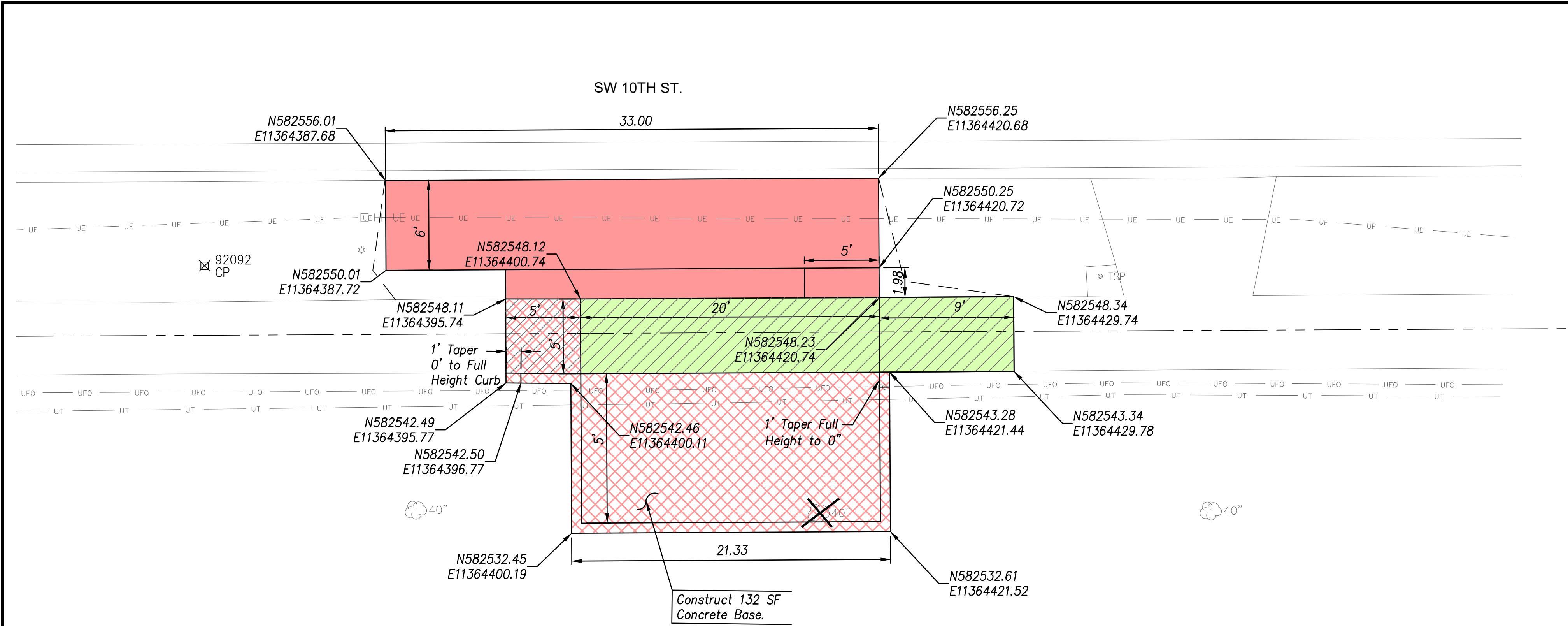
CFS PROJECT # 15-5044

EERS

2930 SW Woodside Dr, Topeka, KS 66611

DATE: 04/20/

SHEET 1 OF

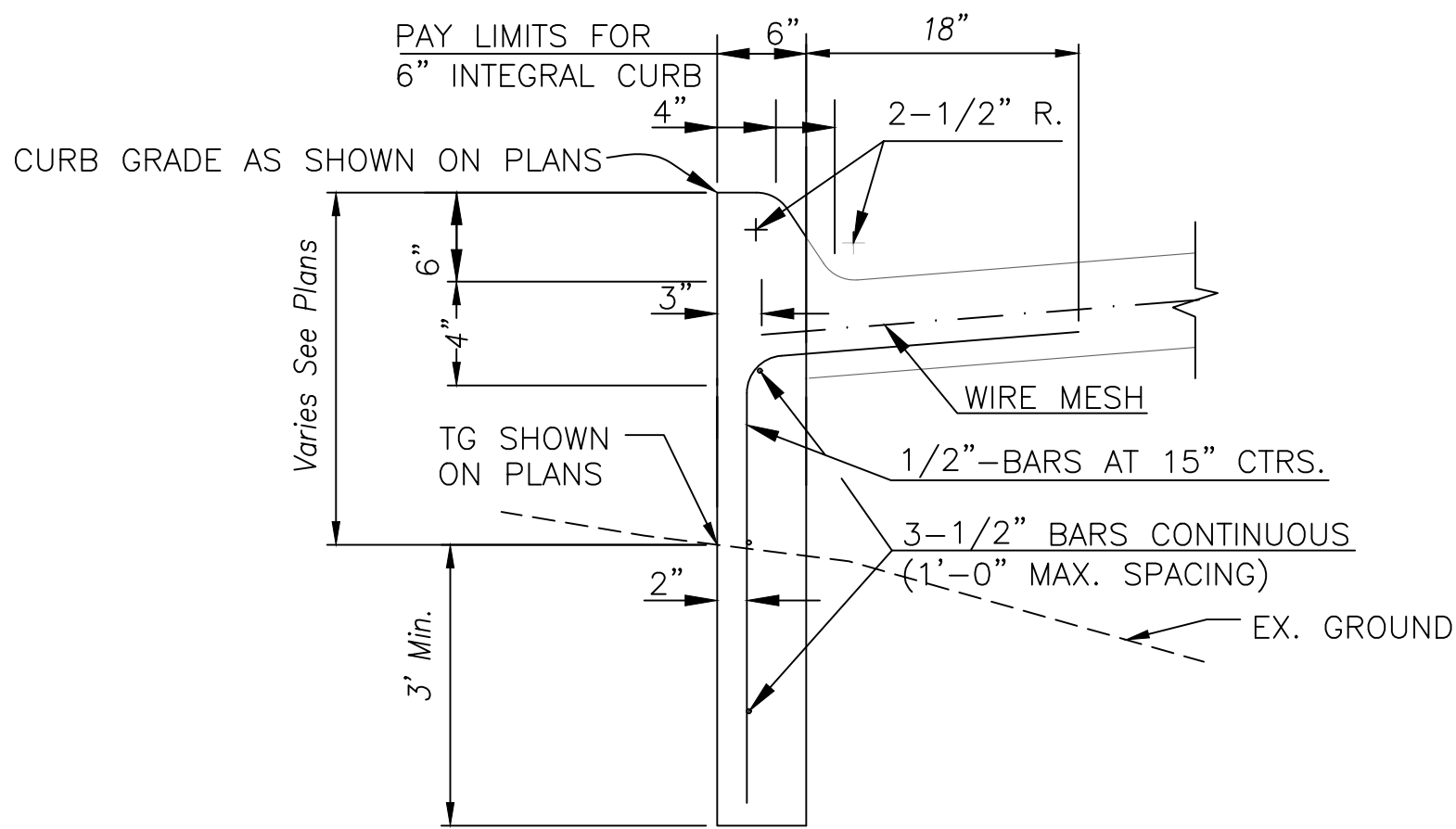
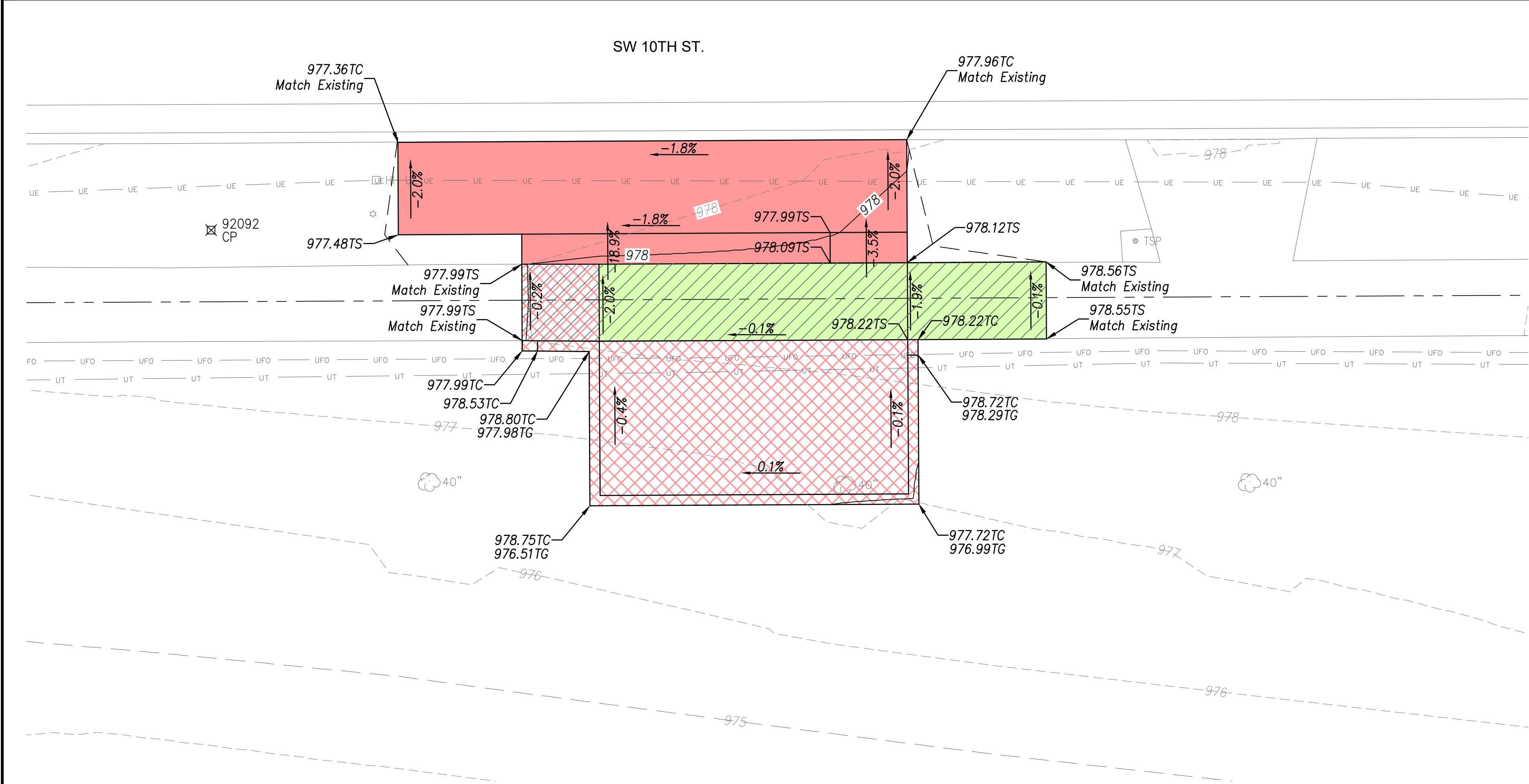


VICINITY MAP
NO SCALE

155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

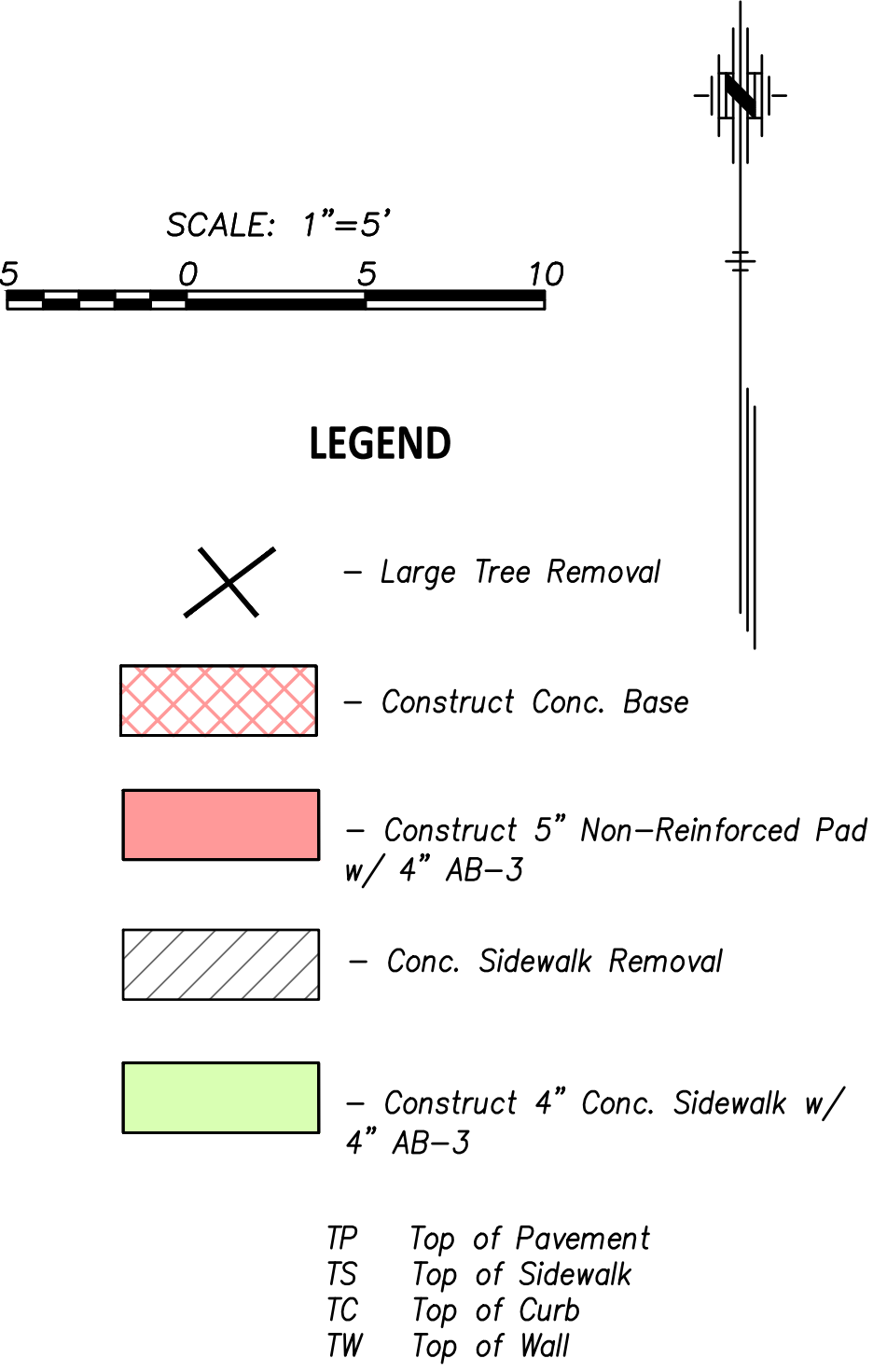
CP 92091 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 582550.9540 E: 11364482.2180 EL: 979.35
1) TO SOUTH B/C 10TH AVE 5.8' N
2) TO NORTH EDGE E-W WALK 2.1' S
3) TO B/C @ NORTH EDGE WALK 20.3' E

CP 92092 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 582550.2810 E: 11364375.5800 EL: 977.61
1) TO SOUTH B/C 10TH AVE 5.7' N
2) TO NORTH EDGE E-W WALK 2.2' S
3) TO LP 11.0' ENE



CONCRETE BASE

NOTE:
▶THIS TYPE OF WALL MAY BE USED TO A MAXIMUM HEIGHT OF 3'-0".
▶WEEP HOLES AT A MAXIMUM OF 15" CENTER TO CENTER WITH COARSE AGGREGATE PLACED AT EACH WEEP HOLE 18" IN ALL DIRECTIONS ABOVE FLOW LINE.
▶CONCRETE SHALL BE CLASS "A" THROUGHOUT WITH GRADE 40 REINFORCING.
▶PLACE 1/2" HARDWARE SCREEN AT WEEP HOLES TO RETAIN AGGREGATE.



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

SW 10TH. &
SW ZOO PKWY. (MBS)
(Med. Shelter & Trash Can)

CITY OF TOPEKA

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CFS PROJECT # 15-5044
PROJECT MANAGER: KH

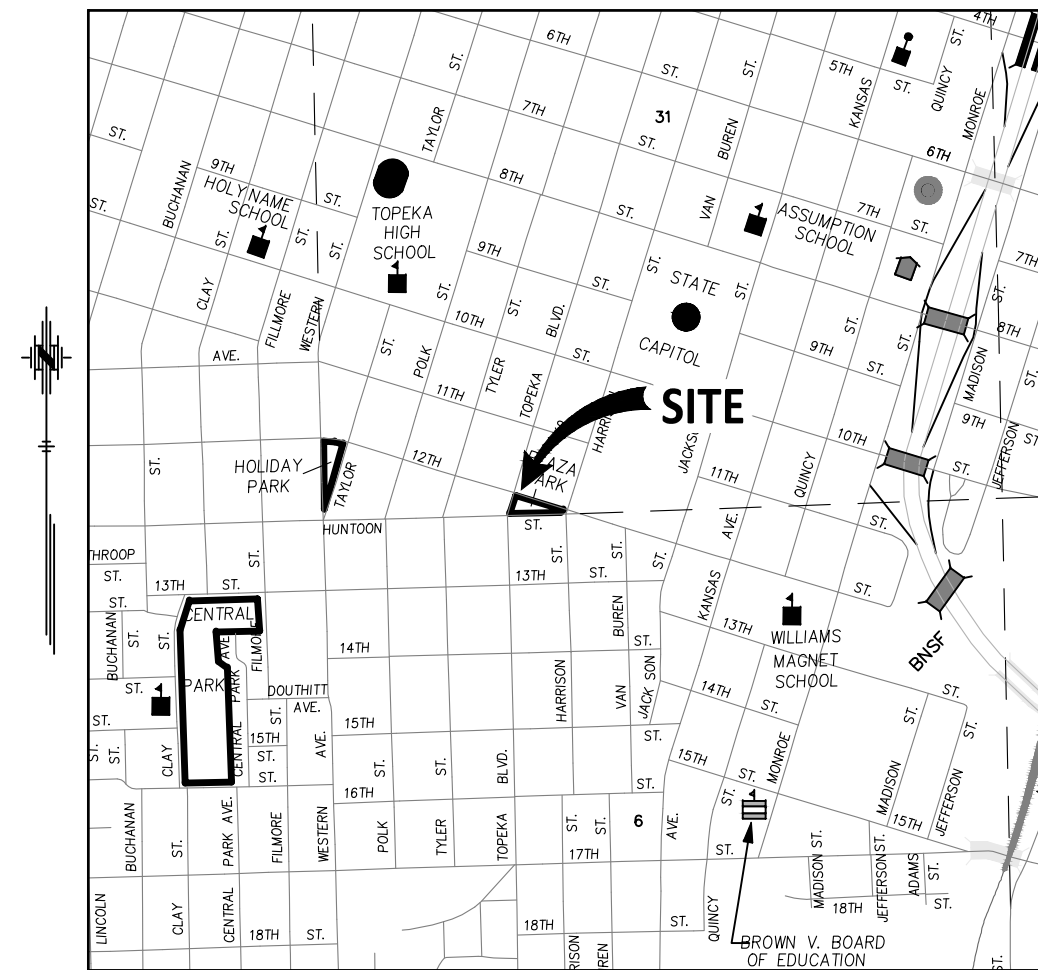
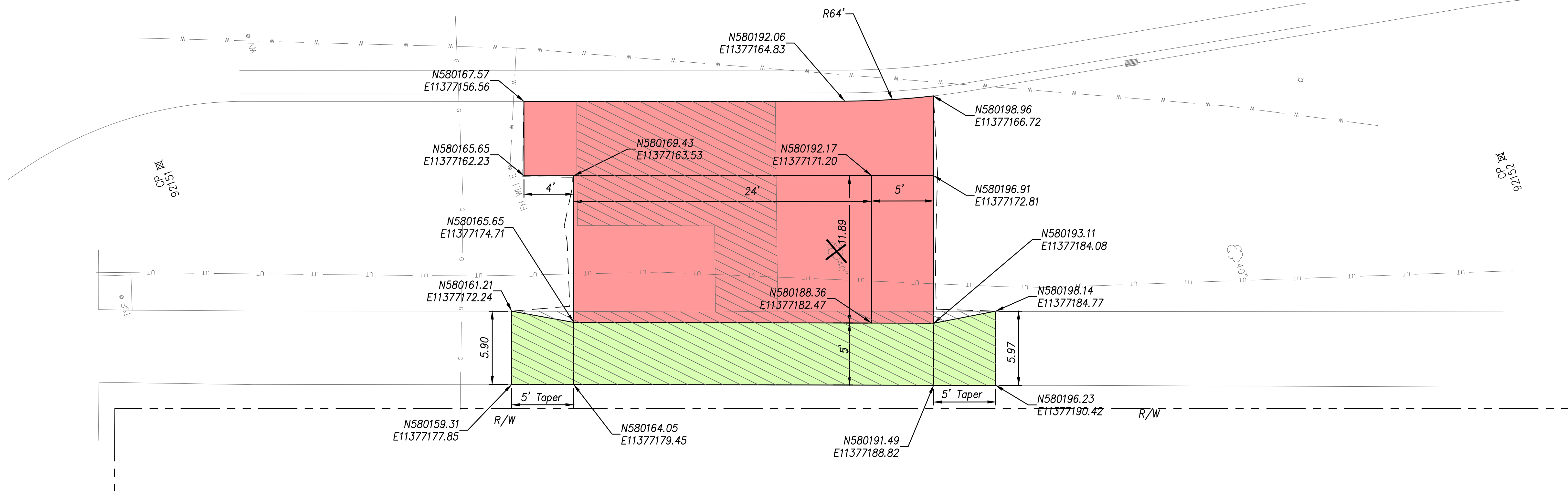
DATE: 04/2019
SHEET 1 OF 2

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SW 12TH ST.

SW 12TH ST.

SW TOPEKA BLVD.

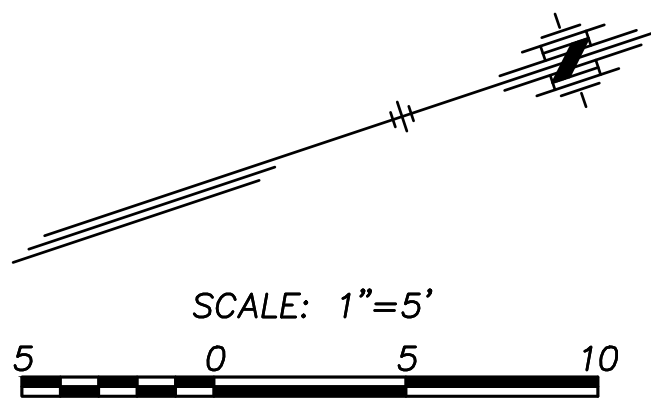


VICINITY MAP
NO SCALE

155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92151 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 580138.1050 E: 11377152.0220 EL: 949.95
1) TO EAST B/C TOPEKA BLVD 4.2' W
2) TO NORTH EDGE E-W WALK @ B/C 4.8' SW
3) TO WEST EDGE N-S WALK 12.0' E

CP 92152 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 580240.7200 E: 11377186.0710 EL: 949.89
1) TO EAST B/C TOPEKA BLVD 12.8' W
2) TO WEST EDGE N-S SIDEWALK 12.4' E
3) TO FACE LP 17.2' SW



LEGEND

- Large Tree Removal
- Construct Comb. Sidewalk & Retaining Wall
- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk w/ 4" AB-3

TP Top of Pavement
TS Top of Sidewalk
TC Top of Curb
TW Top of Wall

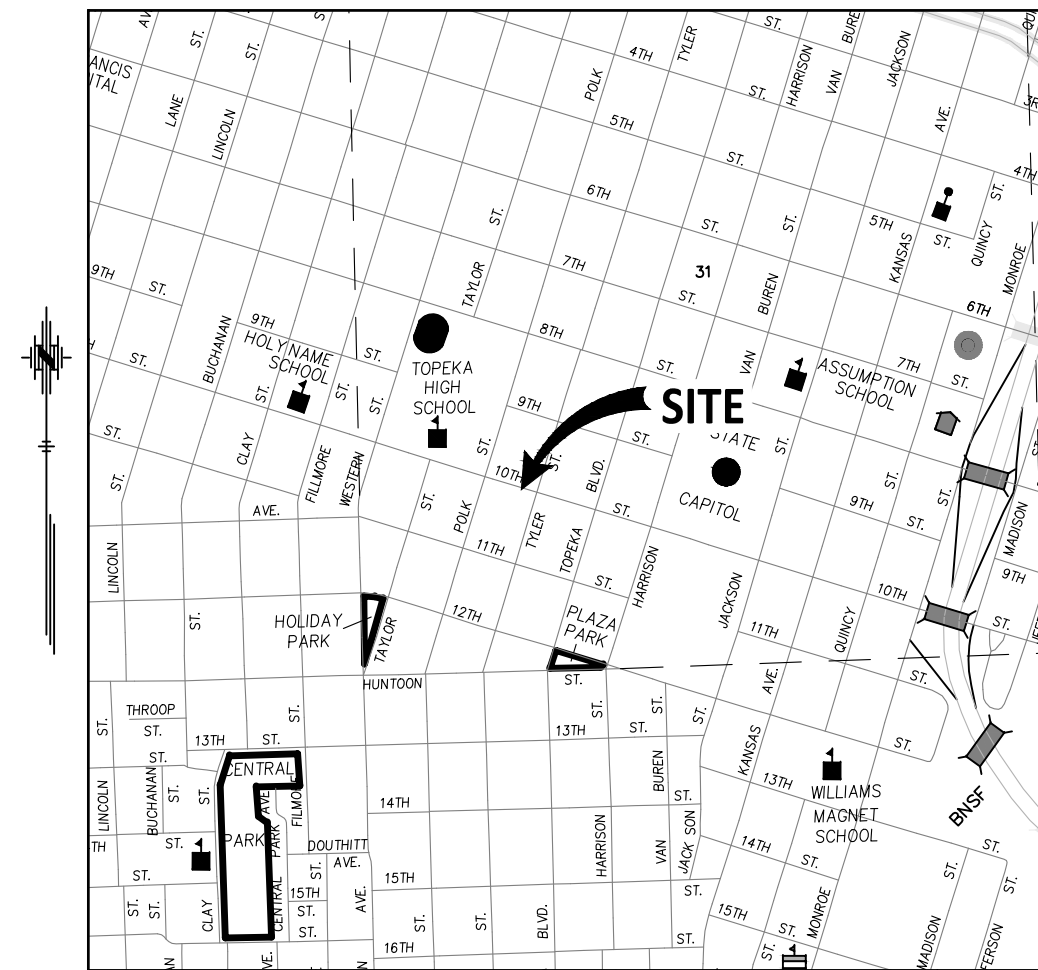
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

SW TOPEKA BLVD. & SW 12TH ST.
(MBS)

(Shelter, Bike Rack & Trash Can)
CITY OF TOPEKA

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NOTE: TMTA, PHASE 9.2
CFS PROJECT # 15-5044 DATE: 04/2019
PROJECT MANAGER: KH SHEET 1 OF 1

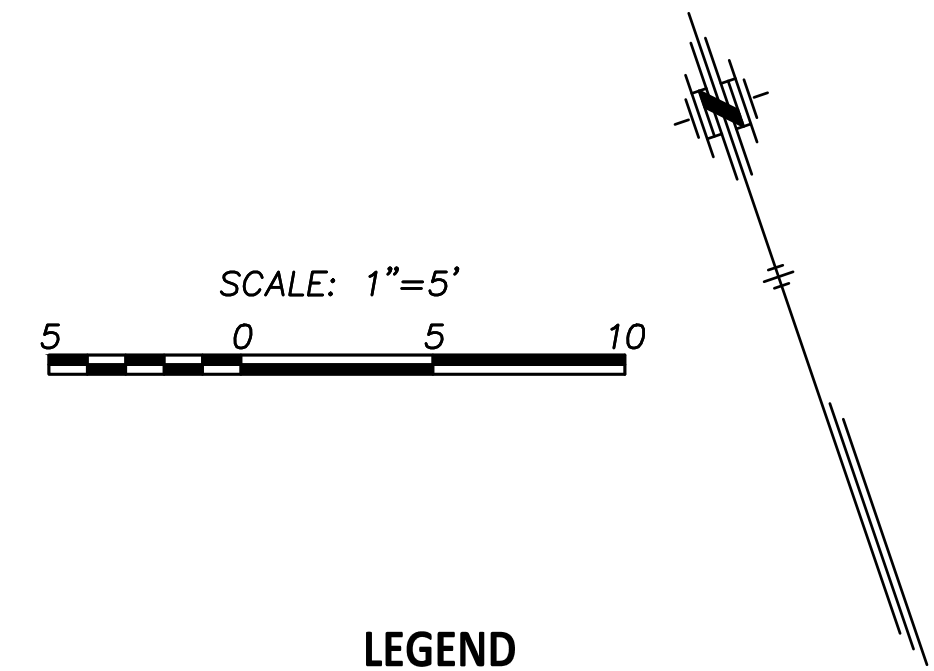


VICINITY MAP
NO SCALE

155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92031 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 581342.1720 E: 11377014.2980 EL: 942.18
1) TO SOUTH EDGE E-W WALK 2.7' N
2) TO EAST EDGE N-S WALK 2.9' W
3) TO NORTH B/C 10TH & EAST EDGE N-S WALK 16.4' S

CP 92032 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 581372.5230 E: 11376926.3820 EL: 942.50
1) TO SOUTH EDGE E-W WALK 2.4' N
2) TO NORTH B/C 10TH AVE 17.7' S
3) TO FACE LP 21.8' SW



LEGEND

- Construct Comb. Sidewalk & Retaining Wall
- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- Construct 4" Conc. Sidewalk w/ 4" AB-3
- TP Top of Pavement
- TS Top of Sidewalk
- TC Top of Curb
- TW Top of Wall

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

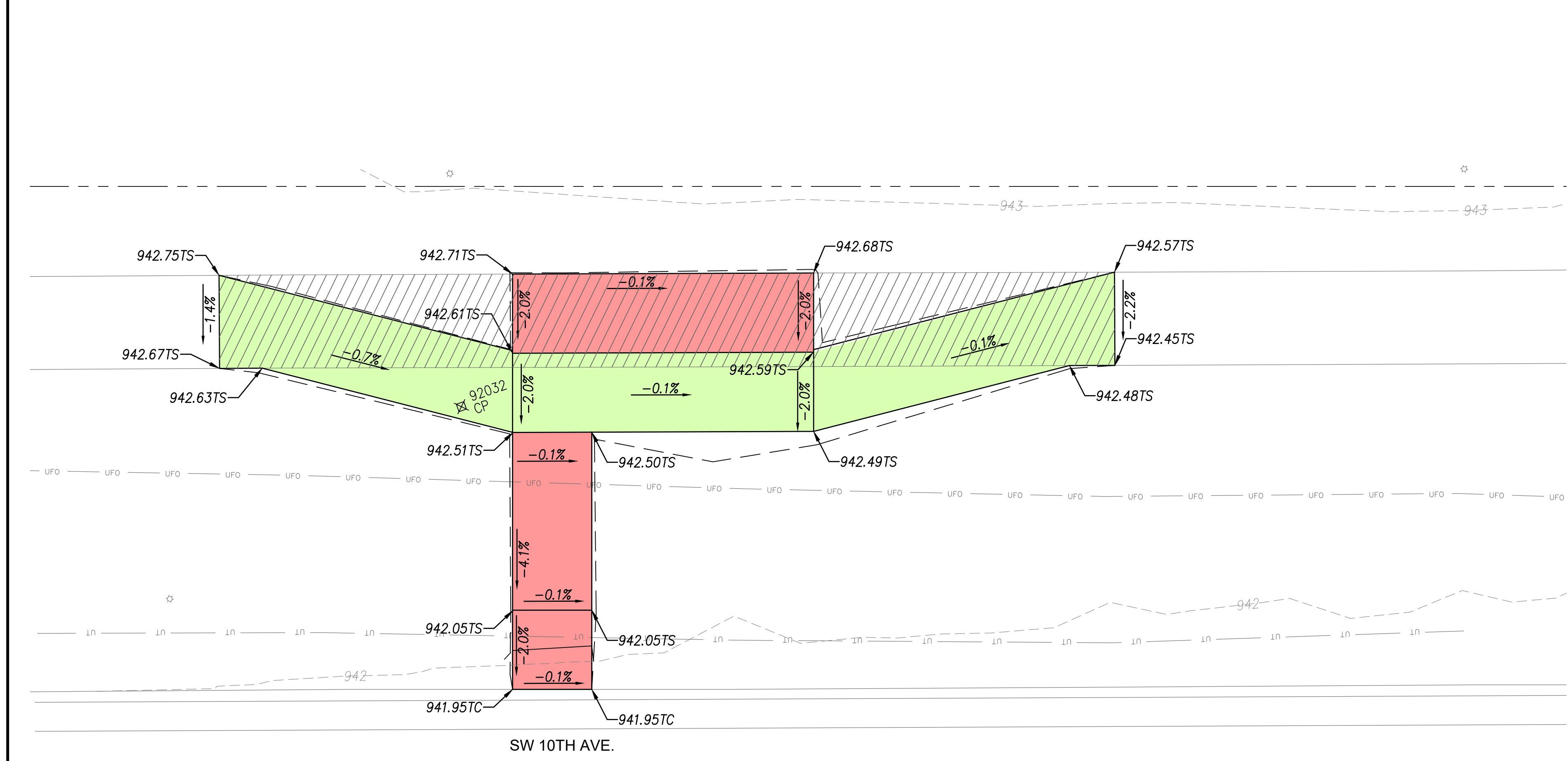
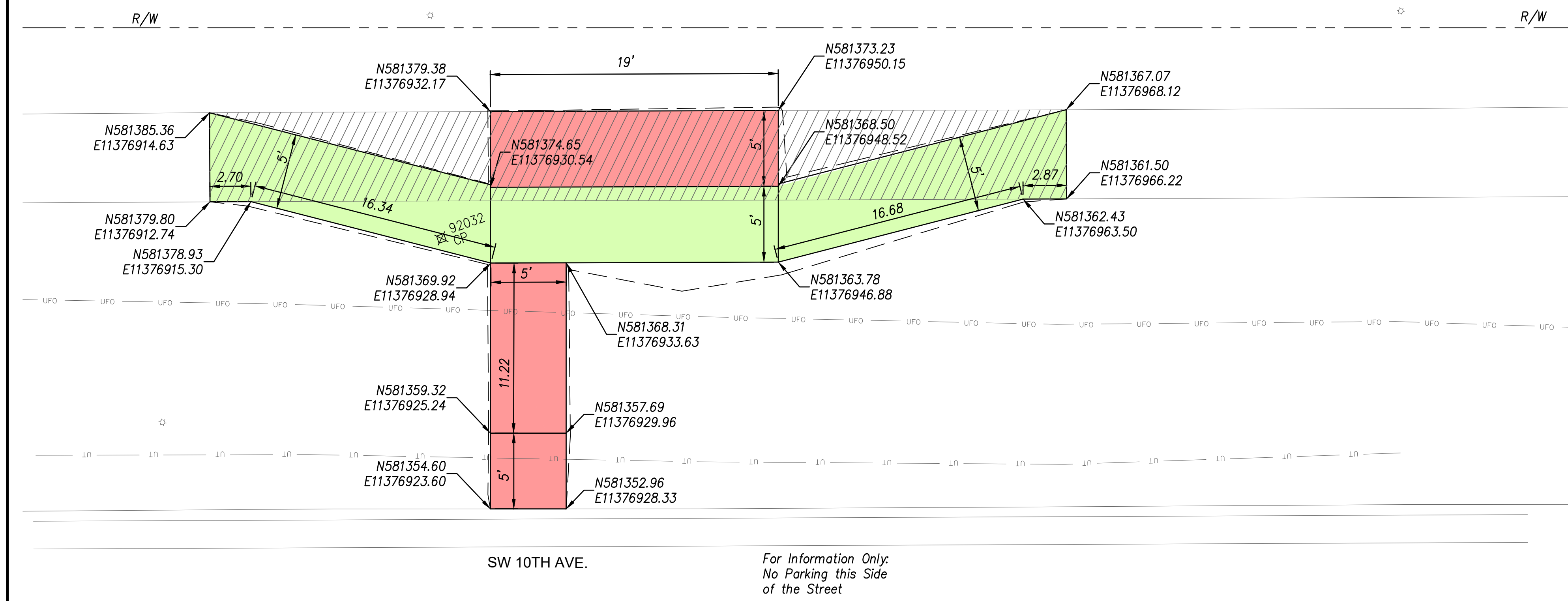
**SW 10TH ST. &
SW TYLER ST. (MBN)**
(Bench, Trash Can & Bike Rack)

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2830 SW Woodside Dr., Topeka, KS 66614
P: 785-272-4706 F: 785-272-4735

NOTE: TMTA, PHASE 9.2	
CFS PROJECT # 15-5044	DATE: 04/2019
PROJECT MANAGER: KH	SHEET 1 OF 1

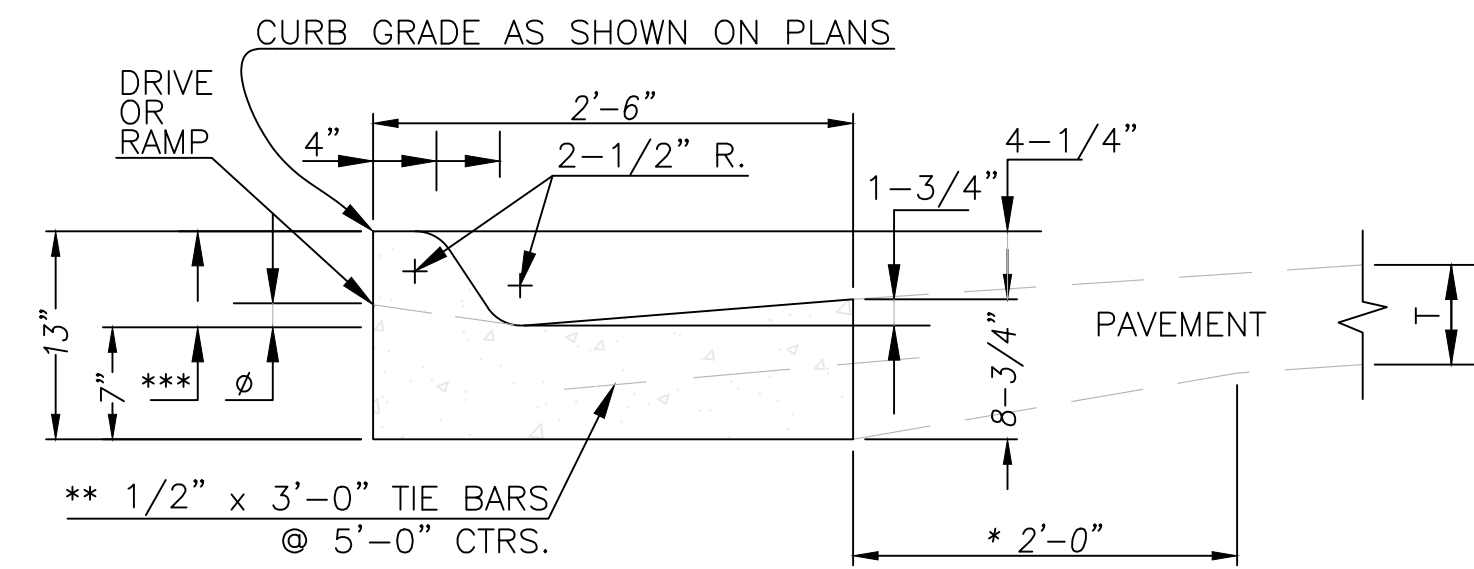
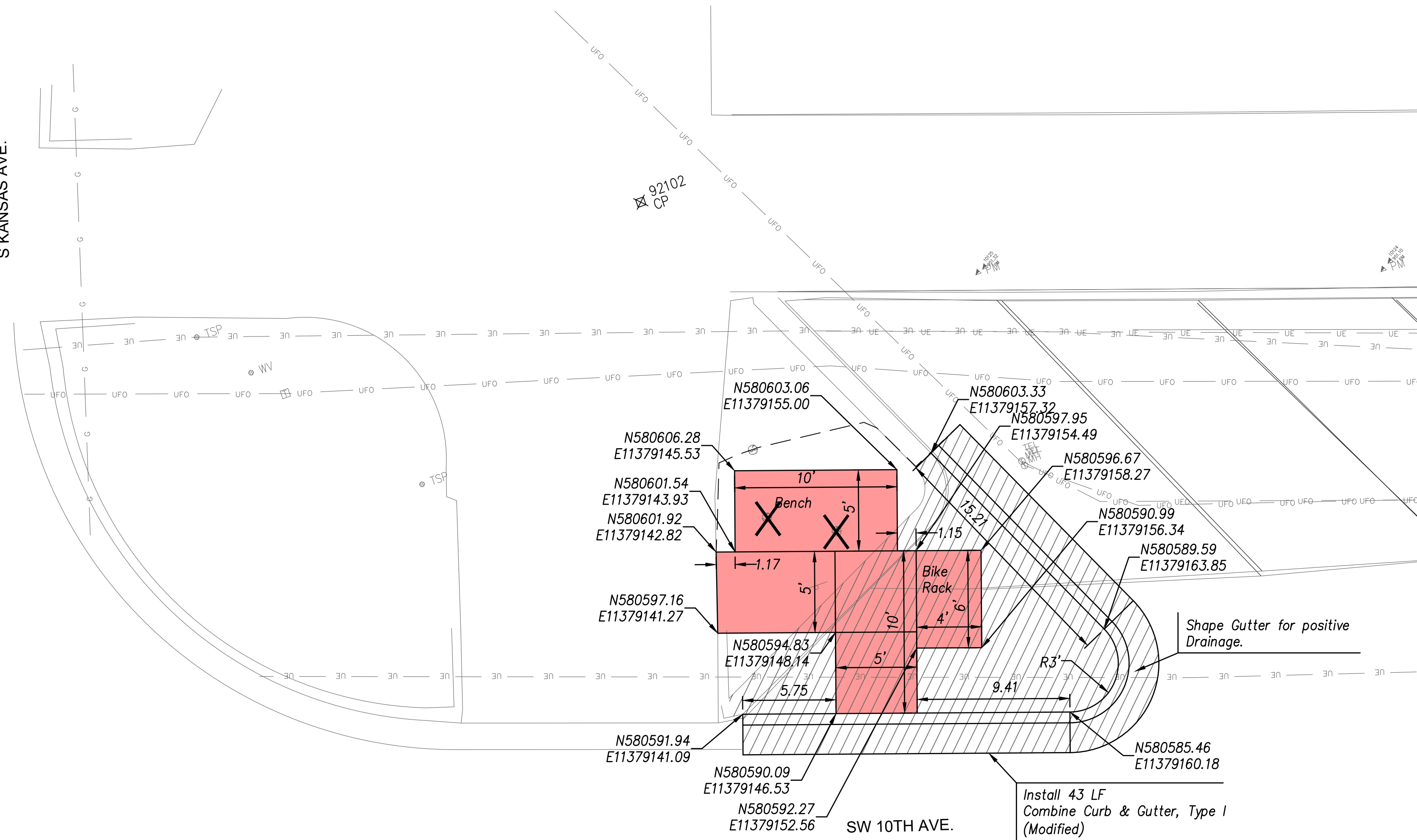
CITY OF TOPEKA

SHAWNEE CO., KS

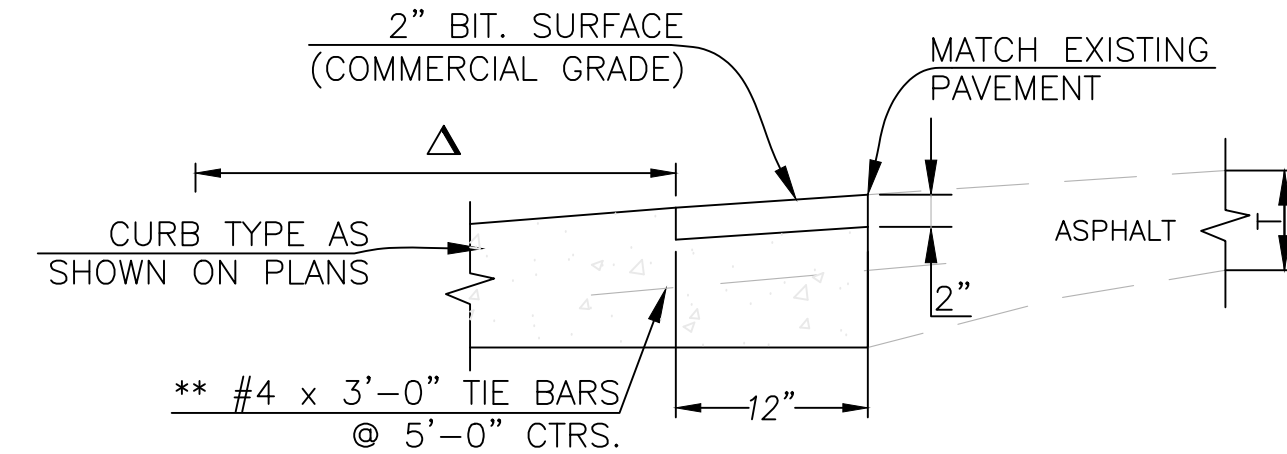


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S KANSAS AVE.



COMBINED CURB & GUTTER-TYPE I



CC&G (MODIFIED)

NOTE:
CURB AND GUTTER ABUTTING EXISTING ASPHALT

Δ DIMENSION IS FROM BACK OF CURB TO TOE, SEE APPROPRIATE DETAIL FOR CURB TYPE AS SHOWN ON PLANS

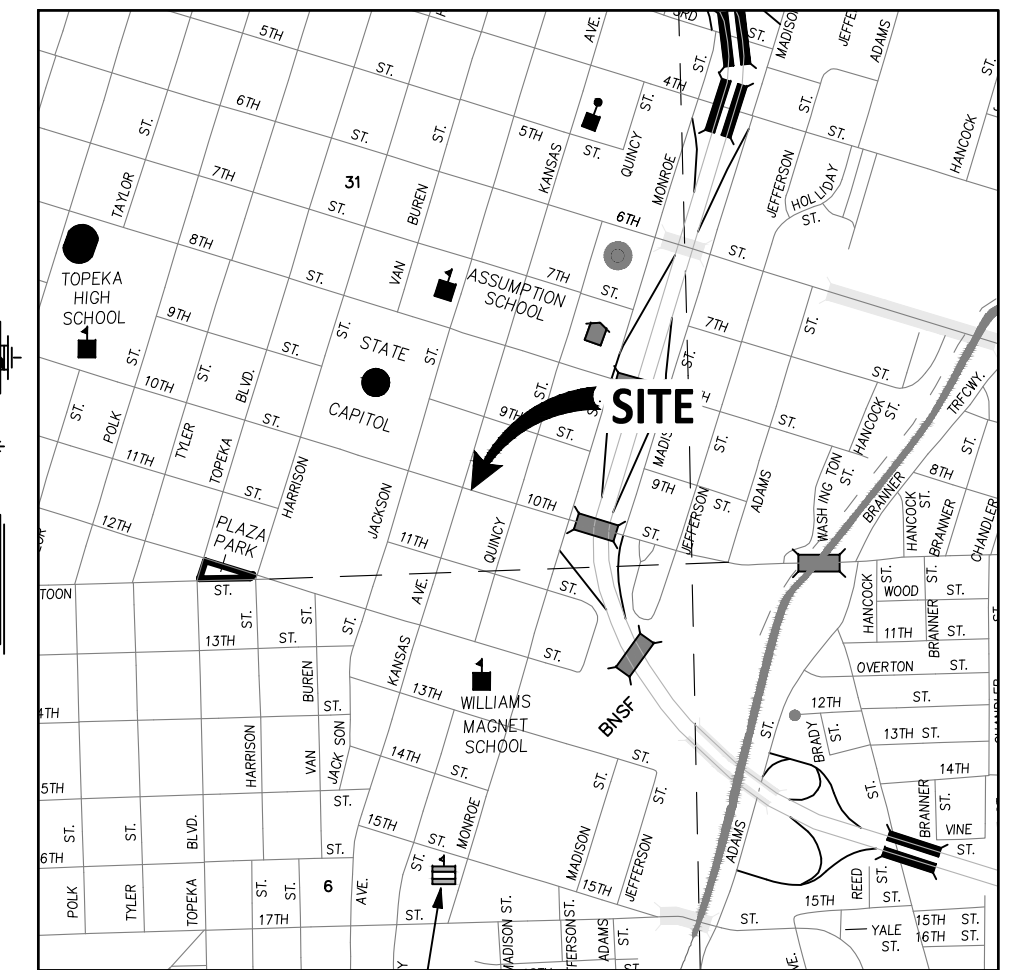
NOTES:

* THE CONTRACTOR HAS THE OPTION OF MAINTAINING OR TRANSITIONING AS SHOWN AT NO ADDITIONAL COST.

**THE TIE BARS MAY BE ELIMINATED WITH ASPHALTIC CONCRETE PAVEMENT CONSTRUCTION.

*** VARIABLE SEE PLANS.

Ø 1-1/2" FOR DRIVE ENTRANCES AND 3/4" FOR SIDEWALK RAMP



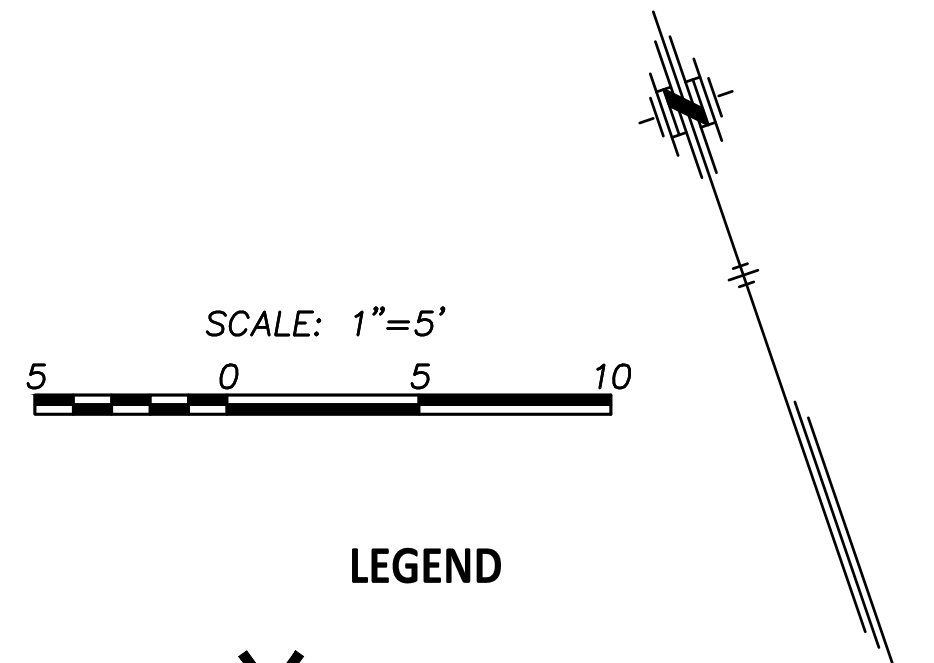
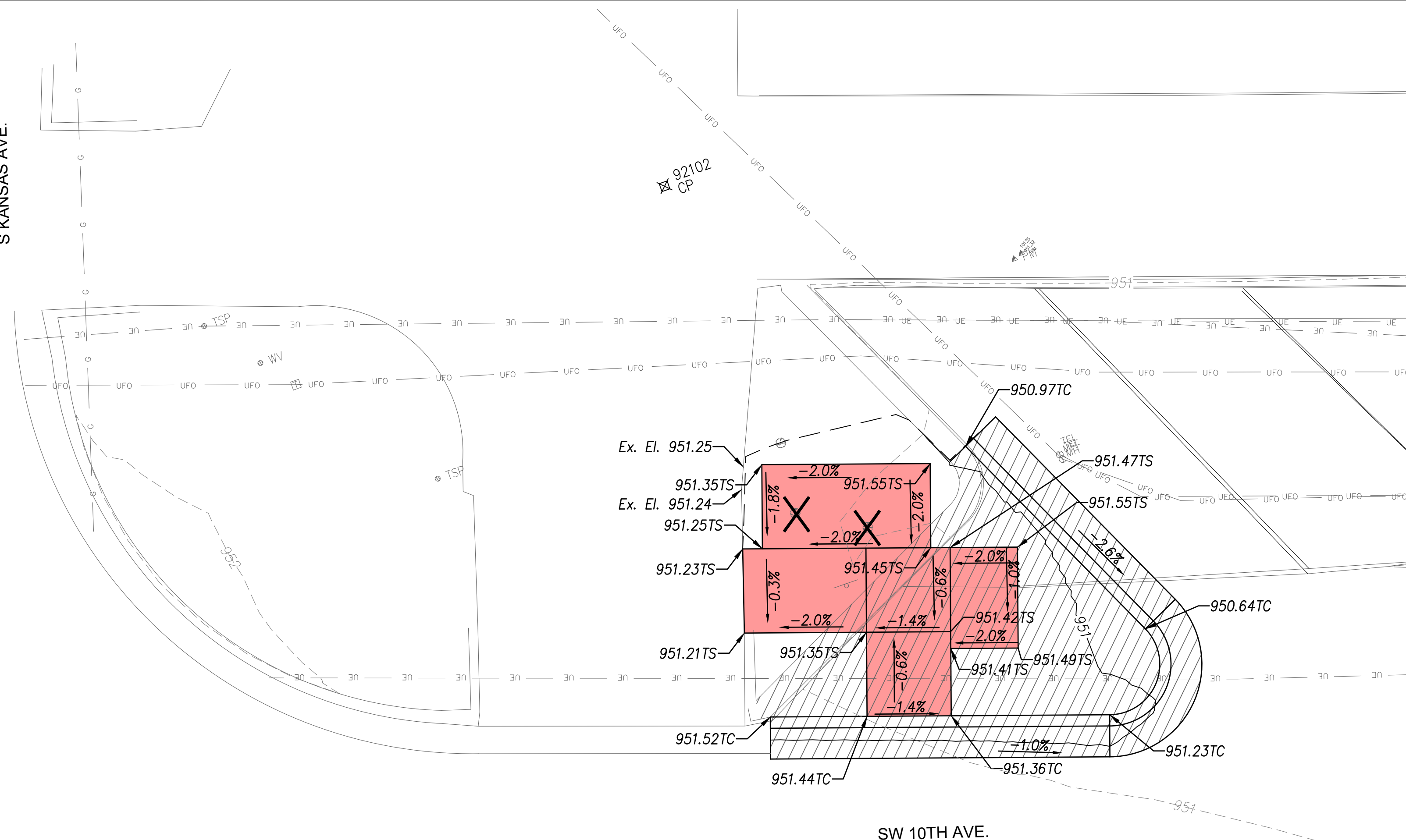
VICINITY MAP NO SCALE

155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92101 SET MAG NAIL
N:580596.3110 E:11379251.2500 EL:950.40
1) TO NORTH EDGE E-W WALK 3.3' S
2) TO TEL POLE 28.3' W
3) TO Ø TEL MH 26.0' SW

CP 92102 FOUND 2" STAMPED BRASS DISK NE COR 10TH & KS
N:580623.8010 E:11379145.5030 EL:951.45
1) TO SIDEWALK PI N-E 7.0' NW
2) TO SIDEWALK PI S-E 7.6' SE
3) TO Ø 4" DIA. BRASS KS STATE SEAL 8.0' SW

S KANSAS AVE.



SCALE: 1"=5'

LEGEND

X - Vegetation to be Removed.

Construct Comb. Sidewalk & Retaining Wall

Construct 5" Non-Reinforced Pad w/ 4" AB-3

Removal

Construct 4" Conc. Sidewalk w/ 4" AB-3

TP Top of Pavement
TS Top of Sidewalk
TC Top of Curb
TW Top of Wall

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

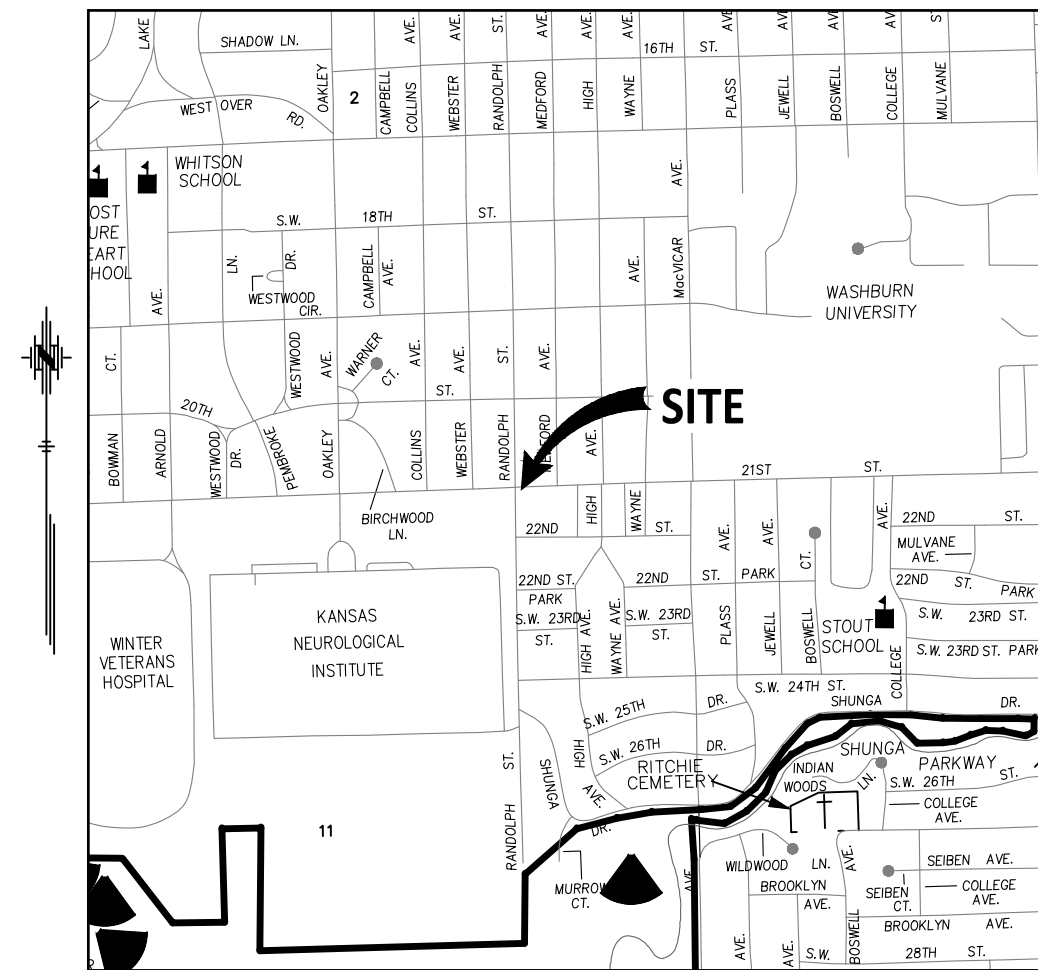
SE KANSAS AVE. &
SE 10TH AVE. (NE)
(Bench & Bike Rack)

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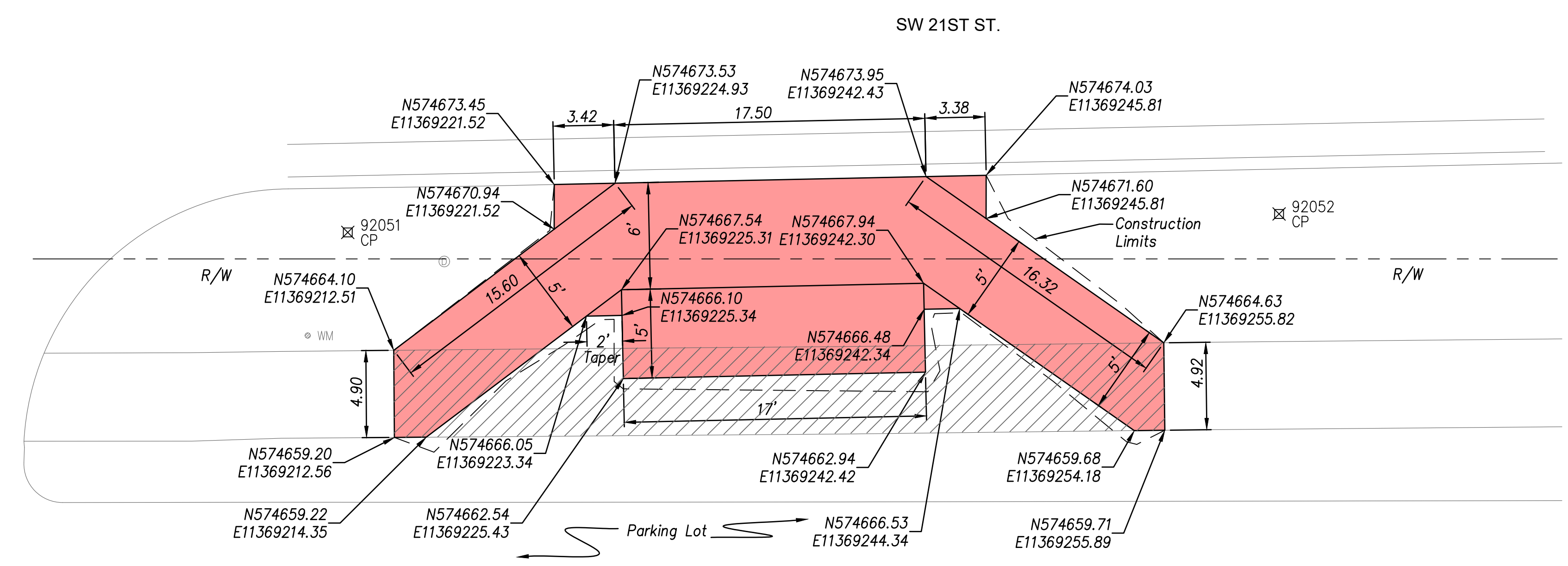
NOTE: TMTA, PHASE 9.2
CFS PROJECT # 15-5044 DATE: 04/2019
PROJECT MANAGER: KH SHEET 1 OF 1

CITY OF TOPEKA

SHAWNEE CO., KS



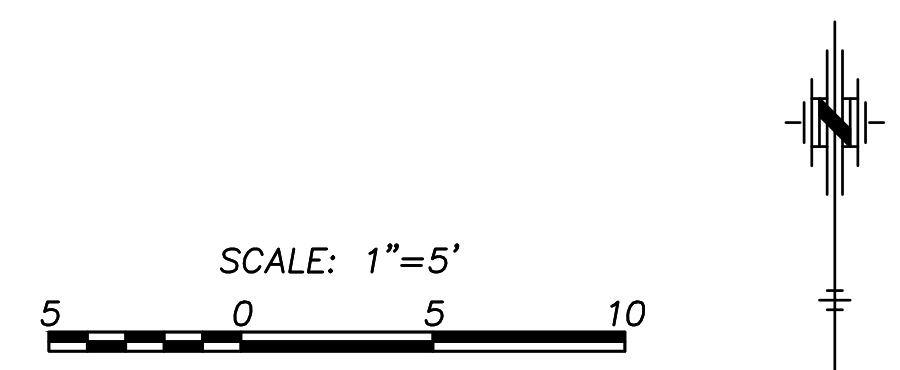
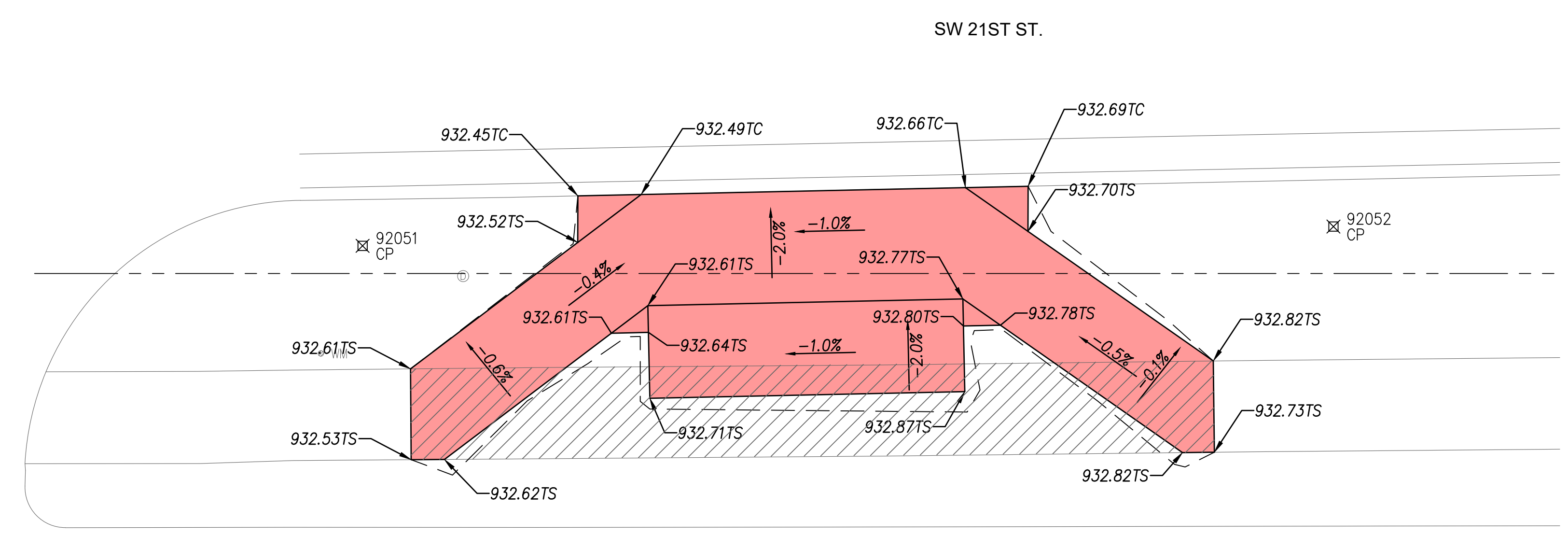
VICINITY MAP
NO SCALE



155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92051 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574670.7360 E: 11369209.9090 EL: 932.25
1) TO SOUTH B/C 21ST ST 2.5' N
2) TO NORTH EDGE E-W WALK 6.5' S
3) TO @ MH 5.5' ESE

CP 92052 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574671.8930 E: 11369262.2920 EL: 932.88
1) TO SOUTH B/C 21ST ST 2.5' N
2) TO NORTH EDGE E-W WALK 7.1' S
3) TO FACE PP 28.8' ESE



LEGEND

- Construct Comb. Sidewalk & Retaining Wall
 - Construct 5" Non-Reinforced Pad w/ 4" AB-3
 - Conc. Sidewalk Removal
 - Construct 4" Conc. Sidewalk w/ 4" AB-3
- TP Top of Pavement
TS Top of Sidewalk
TC Top of Curb
TW Top of Wall

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

SW 21 ST. &
SW RANDOLPH AVE. (MBS)
(Bench, Trash Can & Bike Rack)

CITY OF TOPEKA

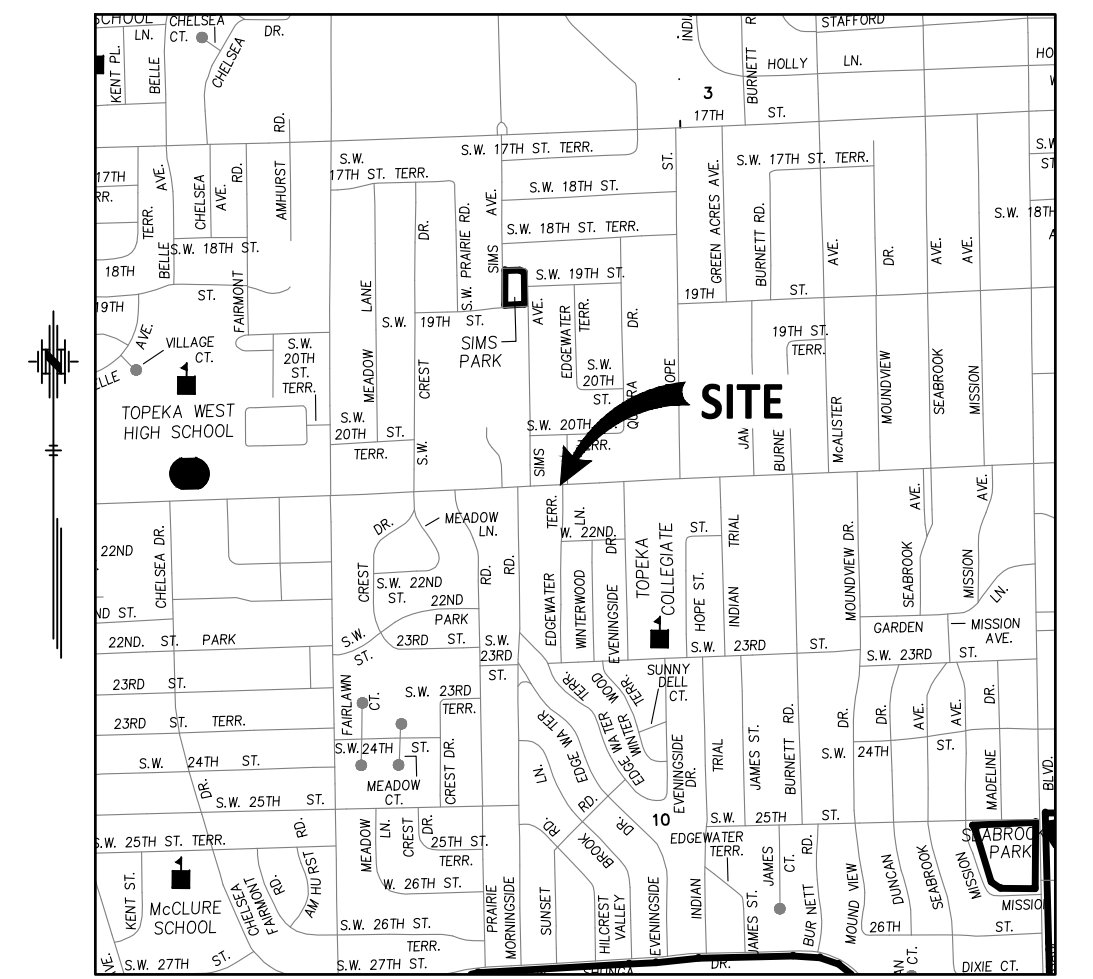
CFS ENGINEERS
cfse.com

2830 SW Woodside Dr, Topeka, KS 66614
© 785-272-4706 F: 785-272-4735

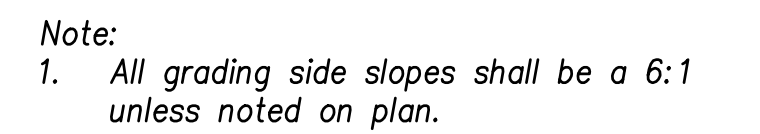
NOTE: TMTA , PHASE 9.2

CFS PROJECT # 15-5044 DATE: 04/2019

PROJECT MANAGER: KH SHEET 1 OF 1

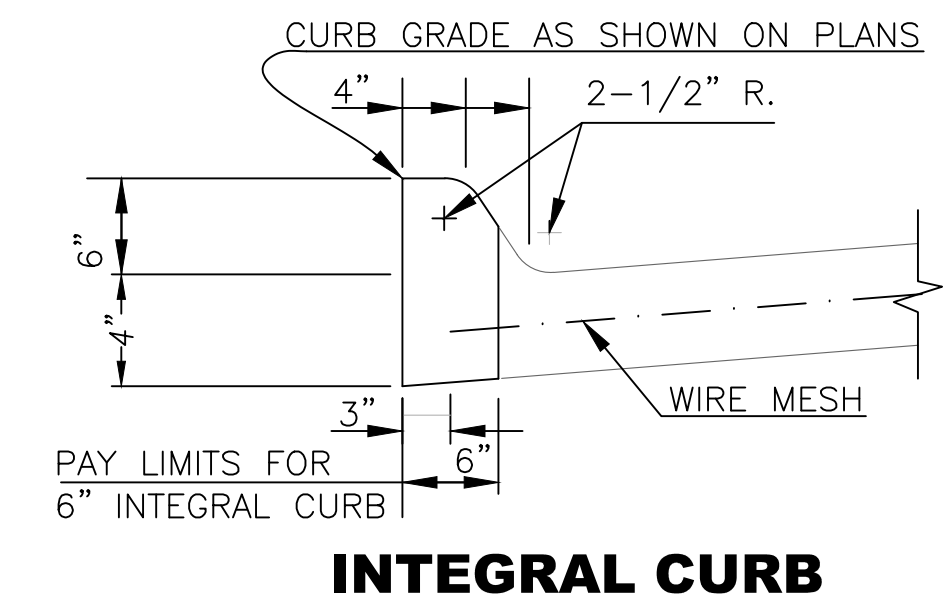


1) IN LINE W/CHURCH SIGN
2) TO NORTH EDGE E-W WALK 4.3' S
3) TO SOUTH B/C 21ST ST 5.0' N



NOTE: TMTA, PHASE 9.2	
CFS PROJECT # 15-5044	DATE: 04/2019
PROJECT MANAGER: KH	SHEET 1 OF 1

SHAWNEE CO., KS

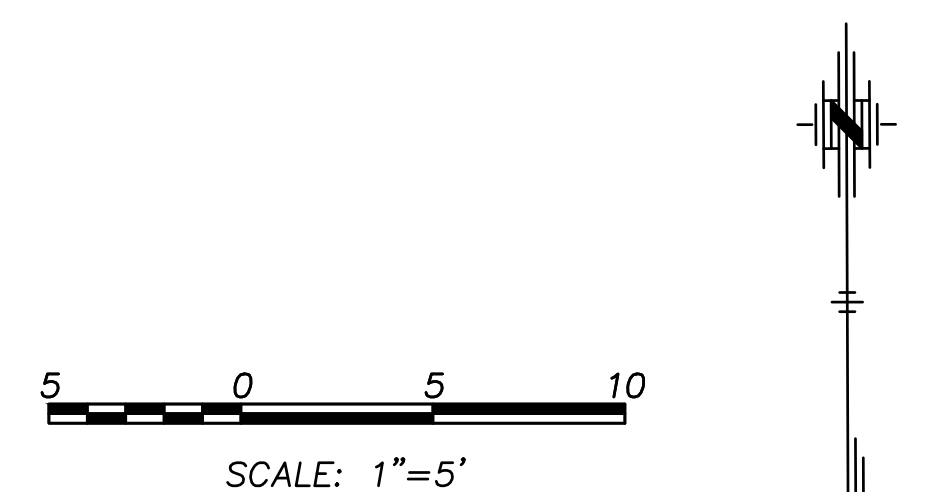
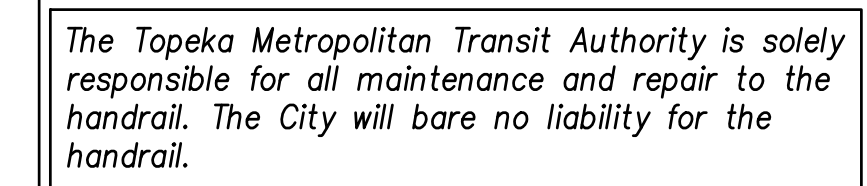


155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92161 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574649.0780 E: 11367647.6580 EL: 946.45
1) TO SOUTH B/C 21ST ST 2.7' N
2) TO NORTH EDGE E-W WALK 5.5' S
3) TO SW COR INLET 9.0' ESE

CP 92162 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574643.9630 E: 11367587.9400 EL: 948.41

1) TO SOUTH B/C 21ST ST	7.3' N
2) TO NORTH EDGE E-W WALK	1.0' S
3) TO NORTH SIGN POST (HIDDEN TREASURE)	17.2' SSE



LEGEND

☒ - Large Tree Removal

 - Construct Comb. Sidewalk & Retaining Wall

 - Construct 5" Non-Reinforced Pad
w/ 4" AB-3

 - Conc. Sidewalk Removal

– Construct 4" Conc. Sidewalk w/
4" AB-3

TP	Top of Pavement
TS	Top of Sidewalk
TC	Top of Curb
TW	Top of Wall

Note:

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

**SW 10TH ST. &
SW MEADOW LN. (NW)**
(Standing Pad)

CITY OF TOPEKA

SHAWNEE CO., KS

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

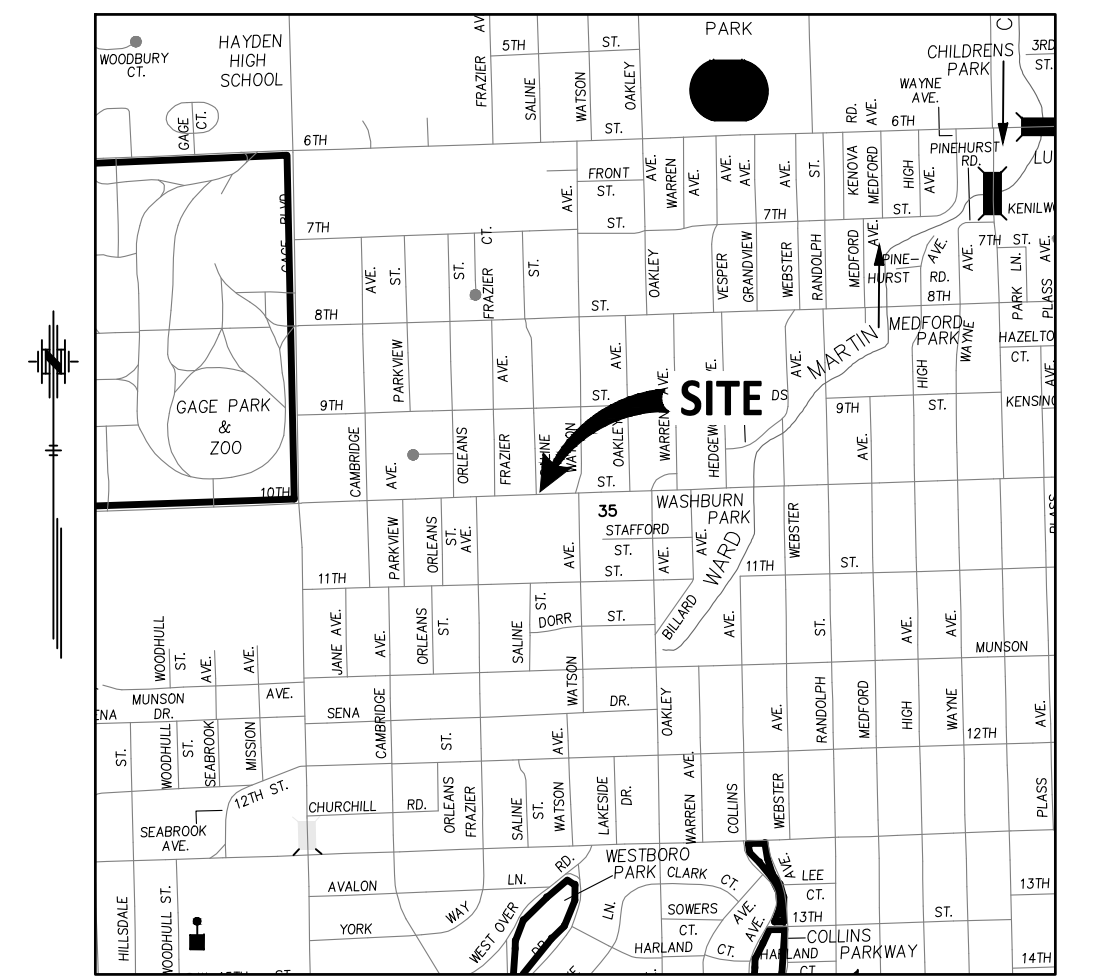
NOTE: TMTA , PHASE 9.2

CFS PROJECT # 15-5044

DATE: 07/2019

CPS PROJECT #	19 5044
PROJECT MANAGER:	KH

SHEET 1 OF 1



VICINITY MAP

NO SCALE

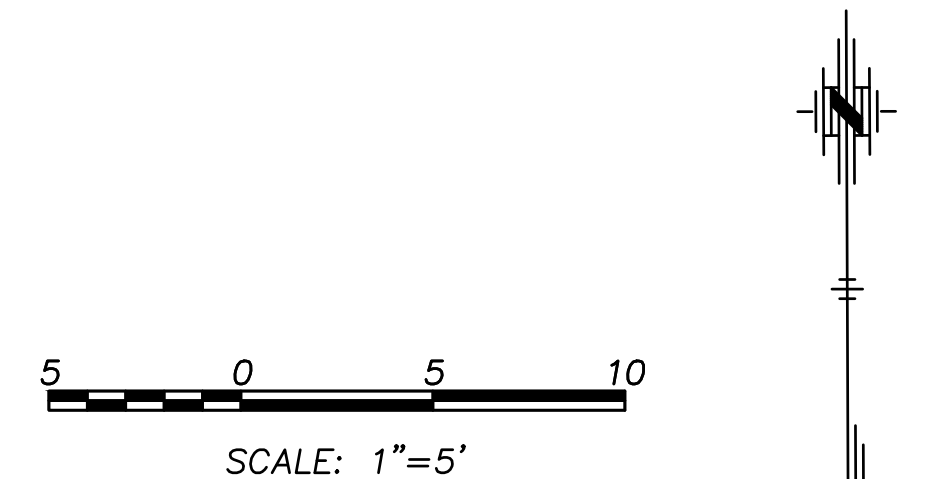
155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92341 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 582619.7090 E: 11367009.8460 EL: 942.14

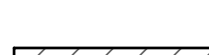
1) TO C 10TH ST	22.0' S
2) TO C SALINE ST	55.0' W
3) TO C TOP KEY FH	21.63' W

CP 92342 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 582618.8780 E: 11367088.3750 EL: 941.37

1) TO C 10TH ST	20.0' S
2) TO C SALINE ST	134.0' W
3) TO WEST FACE PP	44.58' ENE



LEGEND

-  - Large Tree Removal
-  - Construct Comb. Sidewalk & Retaining Wall
-  - Construct 5" Non-Reinforced Pad w/ 4" AB-3
-  - Conc. Sidewalk Removal
-  - Construct 4" Conc. Sidewalk w/ 4" AB-3

TP	Top of Pavement
TS	Top of Sidewalk
TC	Top of Curb
TW	Top of Wall

Note:

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

**SW 10TH ST. &
SW SALINE ST. (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 9.2

CFS PROJECT # 15-5044

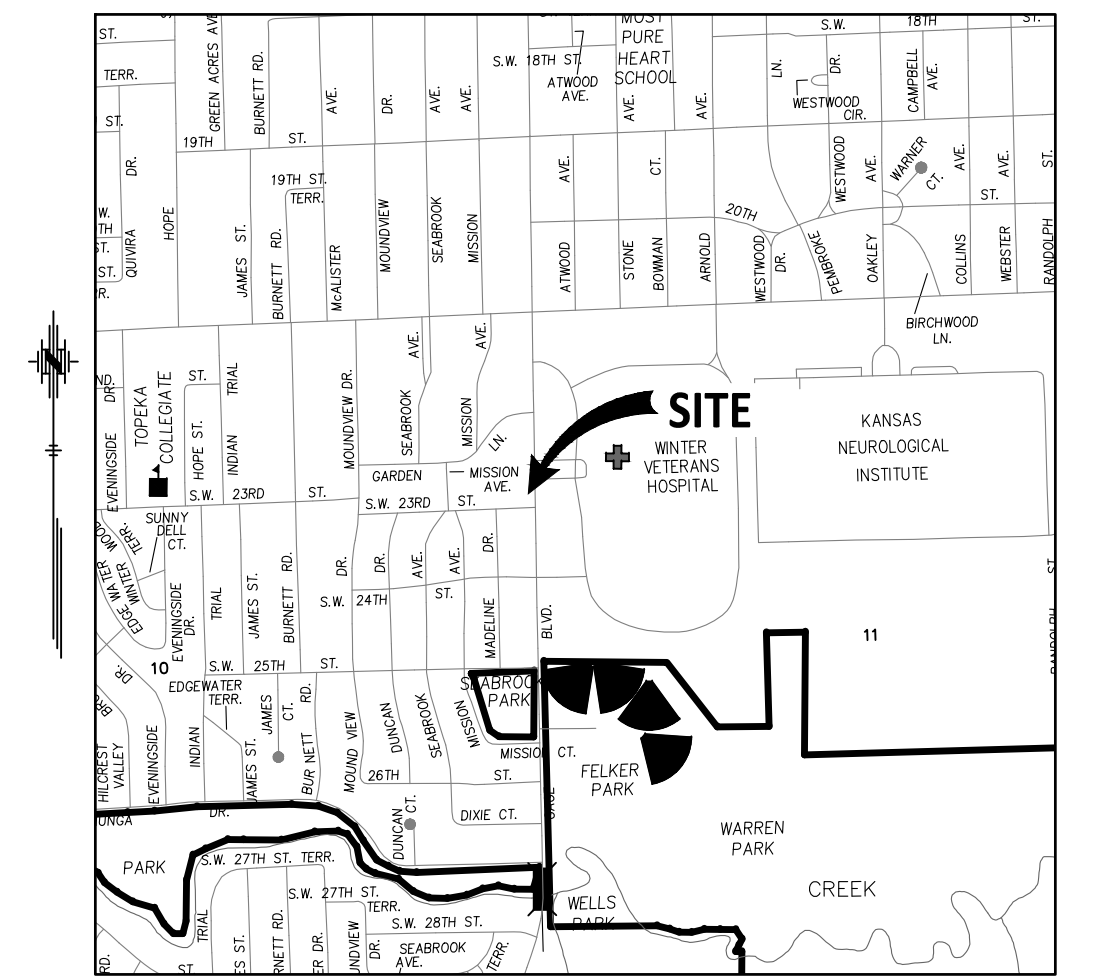
DATE: 07/2019

PROJECT MANAGER: KH

SHEET 1 OF 1

CITY OF TOPEKA

SHAWNEE CO., KS



VICINITY MAP

NO SCALE

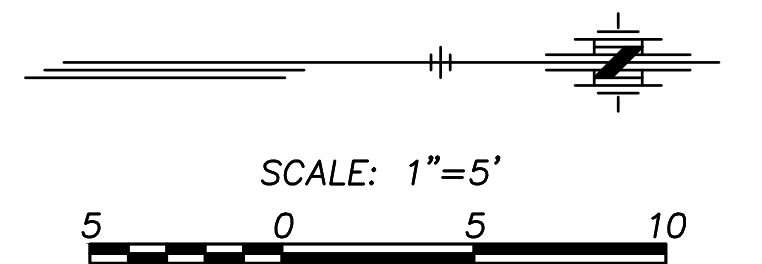
155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92041 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 573217.6140 E: 11365005.0690 EL: 946.02

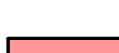
1) TO NORTH B/C 23RD ST	2.8' S
2) TO WEST EDGE N-S WALK	7.2' E
3) TO KEY FH	19.8' NE

CP 92042 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 573311.1060 E: 11365023.8550 EL: 944.94

1) TO WEST B/C GAGE BLVD	6.3' E
2) TO EAST EDGE N-S WALK	4.0' W
3) TO FACE PP	34.2' N



LEGEND

-  – Construct Comb. Sidewalk & Retaining Wall
-  – Construct 5" Non-Reinforced Pad w/ 4" AB-3
-  – Conc. Sidewalk Removal
-  – Construct 4" Conc. Sidewalk w/ 4" AB-3

TP	Top of Pavement
TS	Top of Sidewalk
TC	Top of Curb
TW	Top of Wall

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

**SW 23RD ST. &
SW GAGE BLVD.**
(Standing Pad)

CFS ENGINEERS

cfse.com	2930 SW Woodside Dr, Topeka, KS 66614 o: 785-272-4706 f: 785-272-4736
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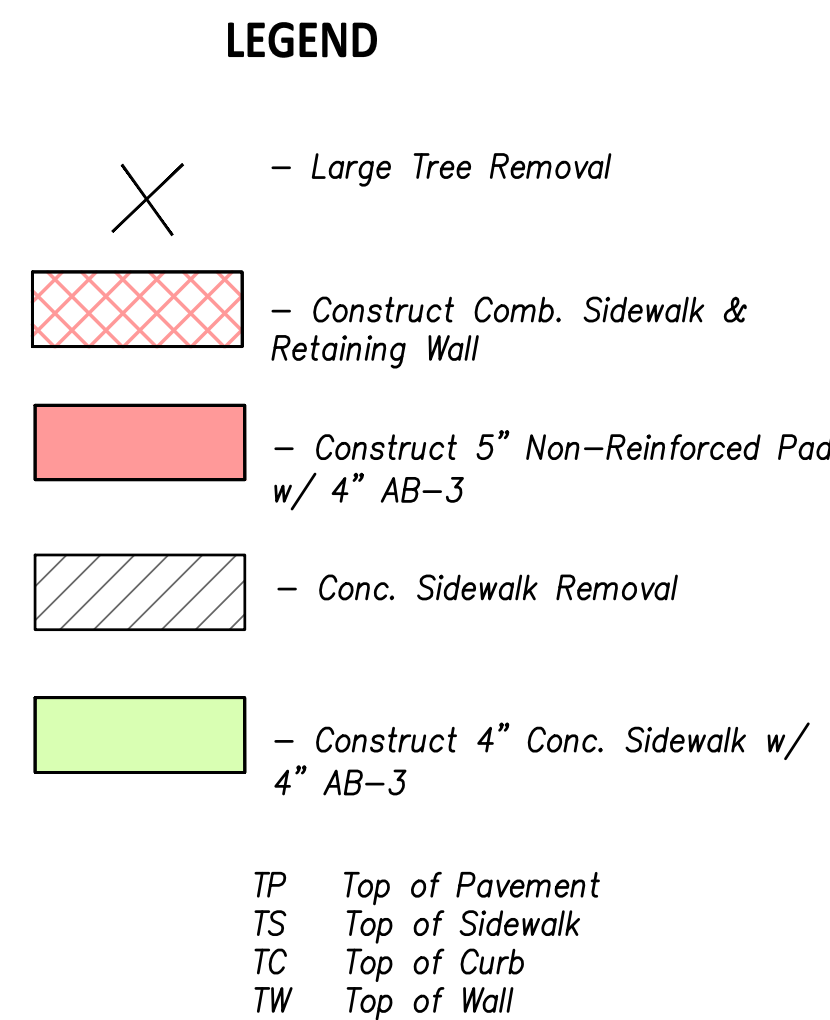
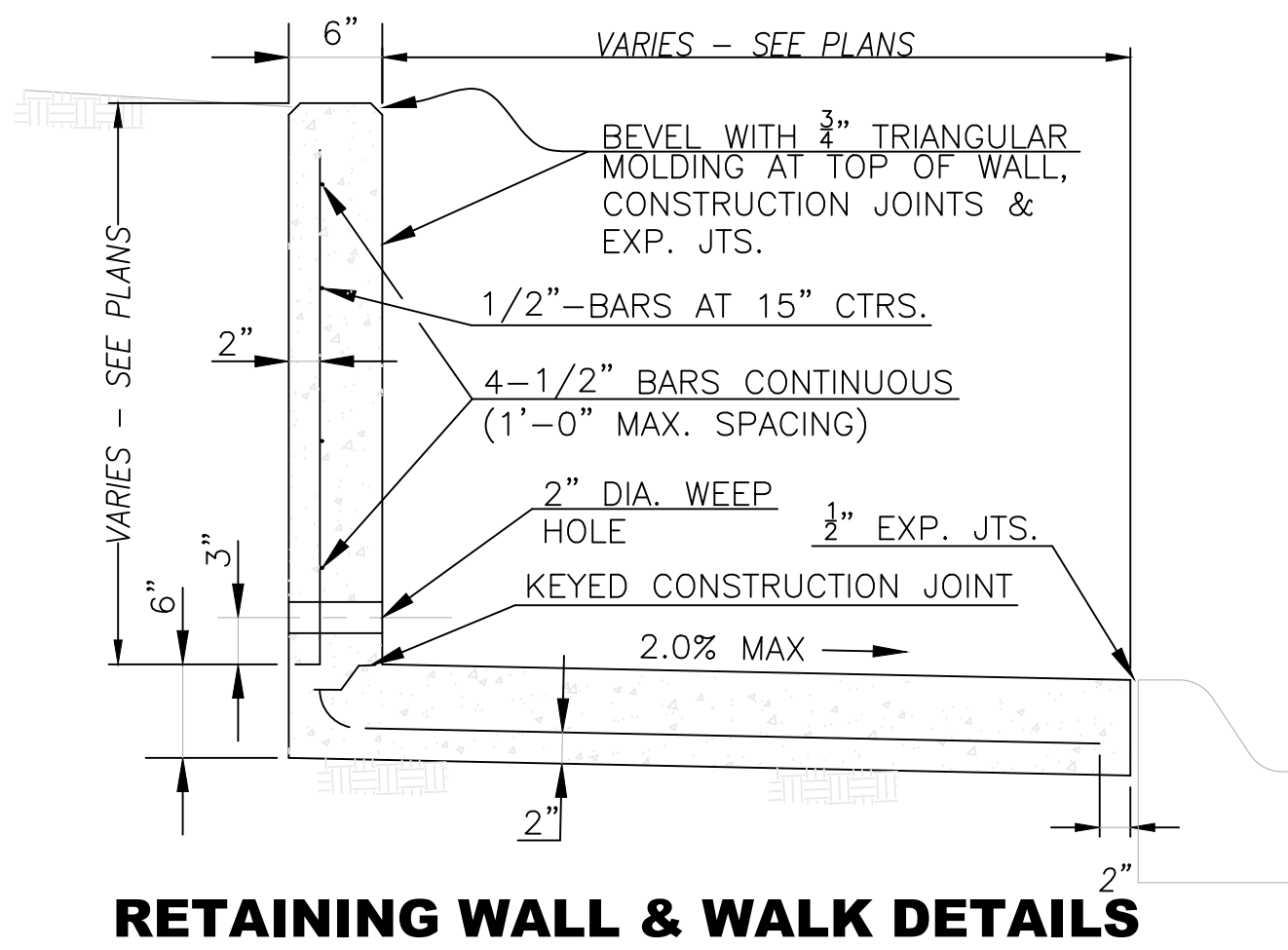
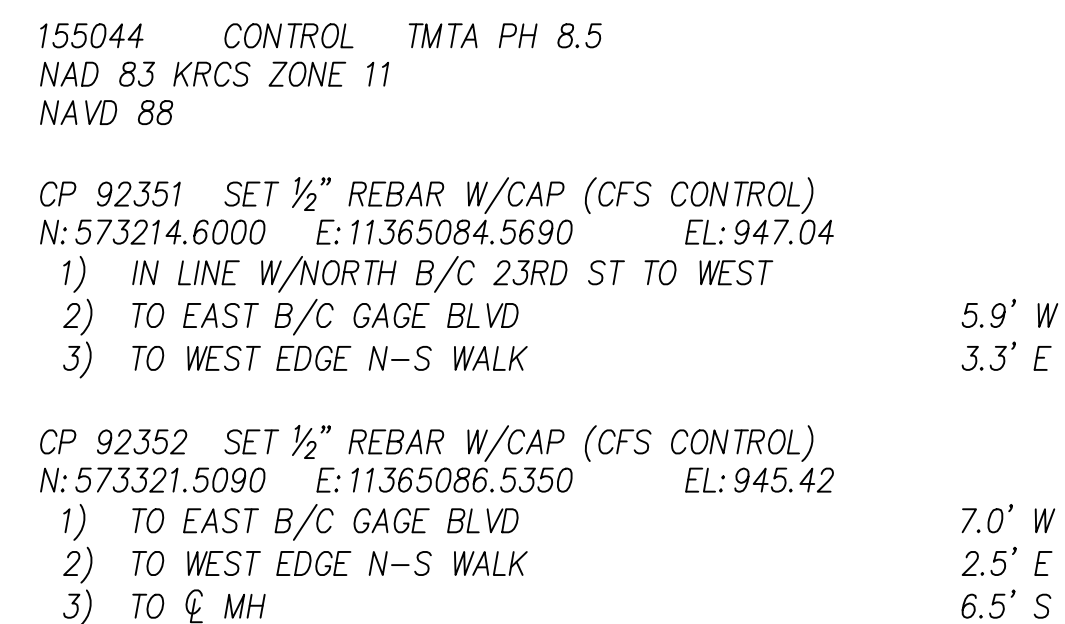
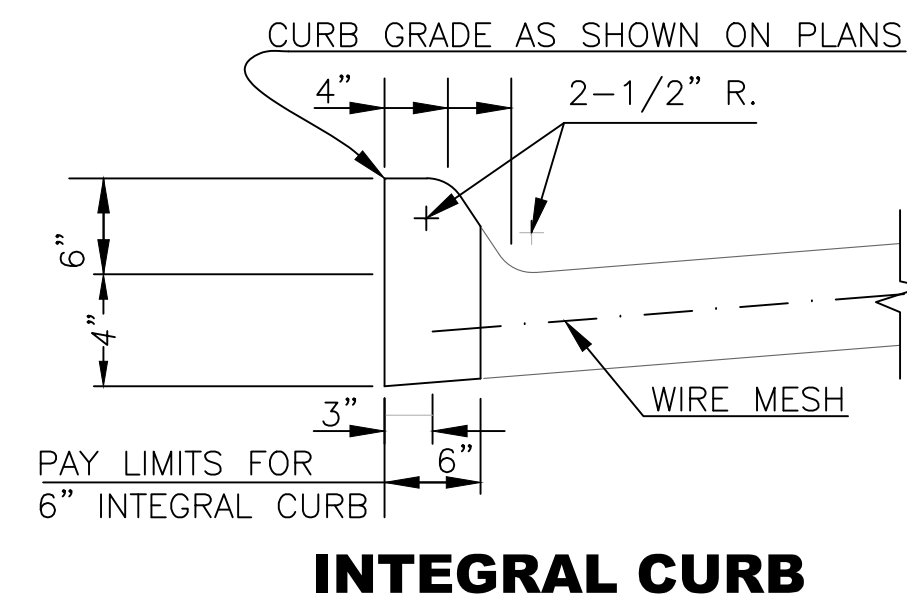
NOTE: TMTA , PHASE 9.2

CFS PROJECT # 15-5044	DATE: 04/2019
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PROJECT MANAGER: KH

CITY OF TOPEKA

SHAWNEE CO., KS



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

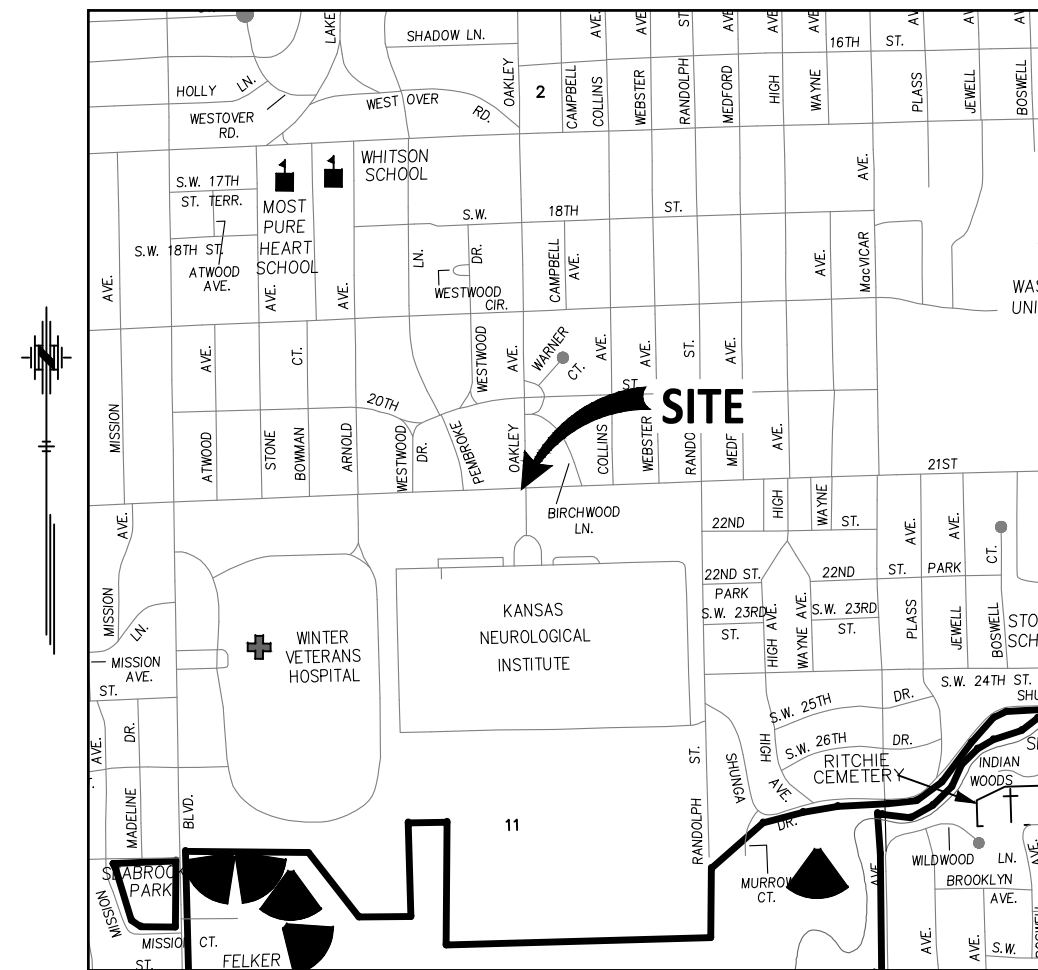
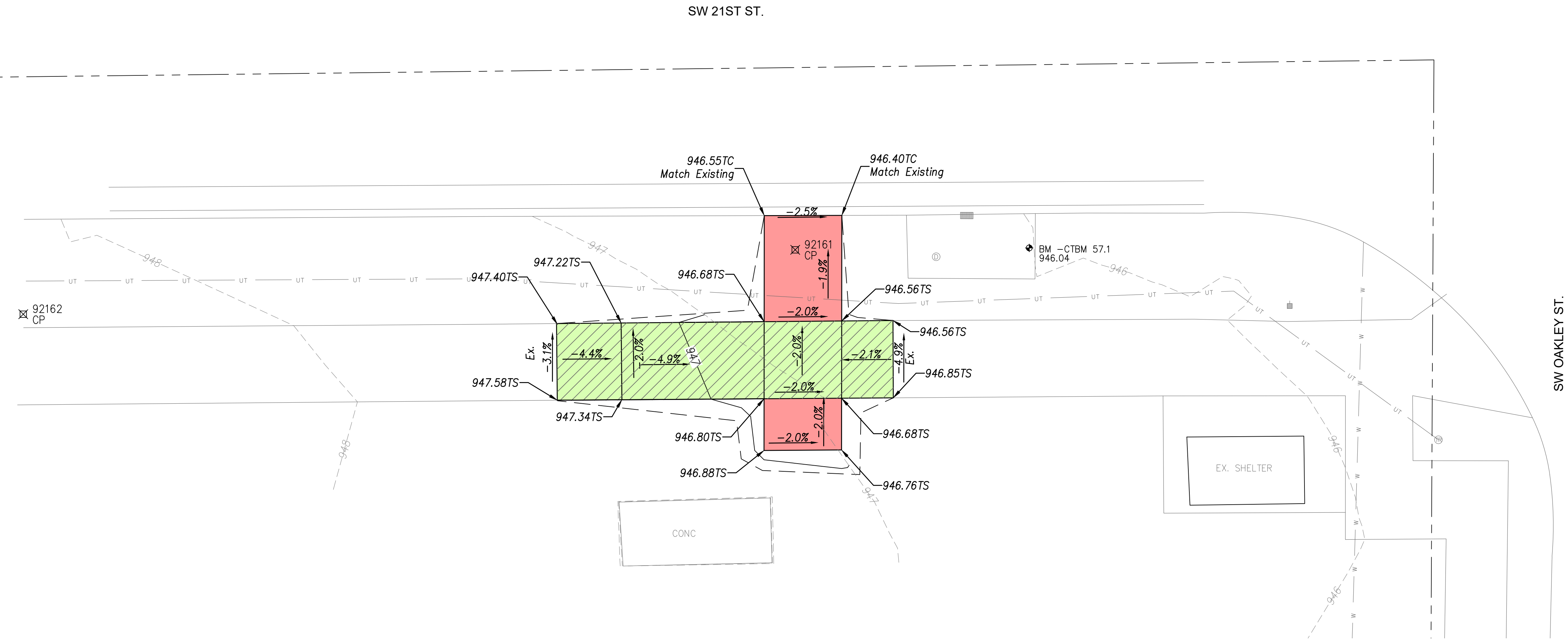
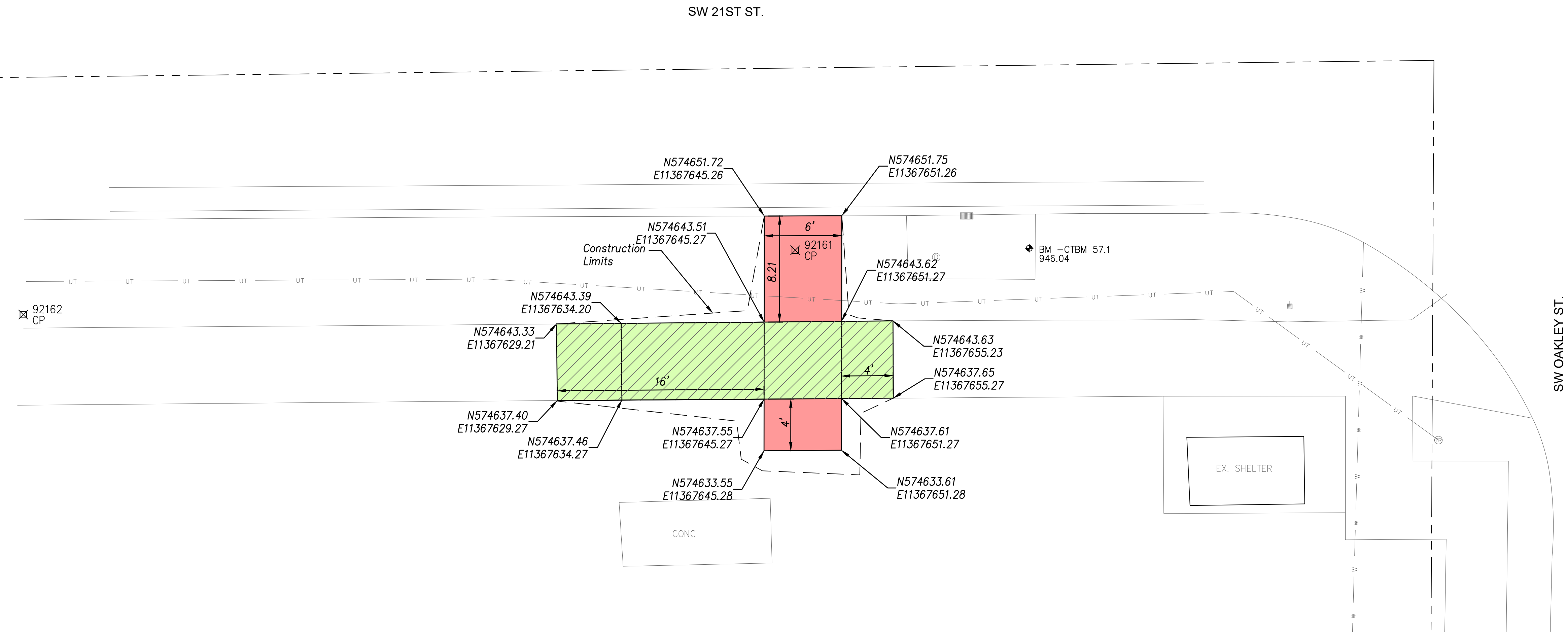
**SW GAGE BLVD. &
SW 23RD ST. (NE)**
(Standing Pad)

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

NOTE: TMTA , PHASE 9.2	
CFS PROJECT # 15-5044	DATE: 07/2019
PROJECT MANAGER: KH	SHEET 1 OF 1

CITY OF TOPEKA

SHAWNEE CO., KS

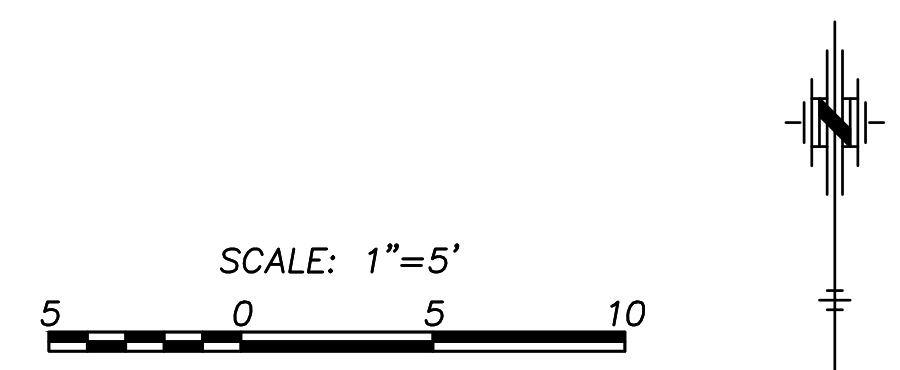


VICINITY MAP
NO SCALE

155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92161 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574649.0780 E: 11367647.6580 EL: 946.45
1) TO SOUTH B/C 21ST ST 2.7' N
2) TO NORTH EDGE E-W WALK 5.5' S
3) TO SW COR INLET 9.0' ESE

CP 92162 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574643.9630 E: 11367587.9400 EL: 948.41
1) TO SOUTH B/C 21ST ST 7.3' N
2) TO NORTH EDGE E-W WALK 1.0' S
3) TO NORTH SIGN POST (HIDDEN TREASURE) 17.2' SSE



LEGEND

- Construct Comb. Sidewalk & Retaining Wall
 - Construct 5" Non-Reinforced Pad w/ 4" AB-3
 - Conc. Sidewalk Removal
 - Construct 4" Conc. Sidewalk w/ 4" AB-3
- TP Top of Pavement
TS Top of Sidewalk
TC Top of Curb
TW Top of Wall

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

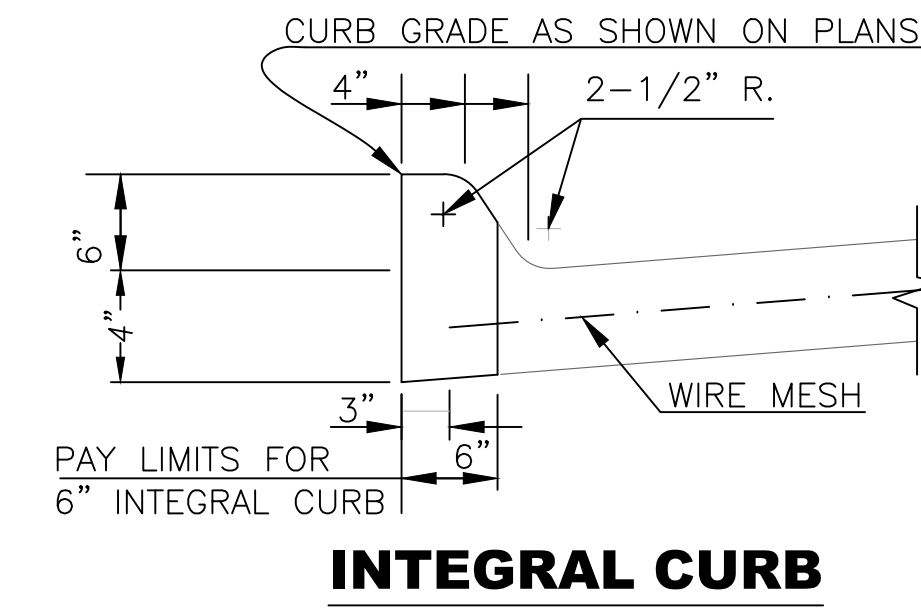
SW 21st ST & SW OAKLEY ST.
(IB)(SW)
(Standing Pad & Bike Rack)

CFS ENGINEERS
cfe.com
2830 SW Woodside Dr., Topeka, KS 66614
© 785-272-4706 F: 785-272-4735

NOTE: TMTA, PHASE 9.2
CFS PROJECT # 15-5044 DATE: 04/2019
PROJECT MANAGER: KH SHEET 1 OF 1

CITY OF TOPEKA

SHAWNEE CO., KS



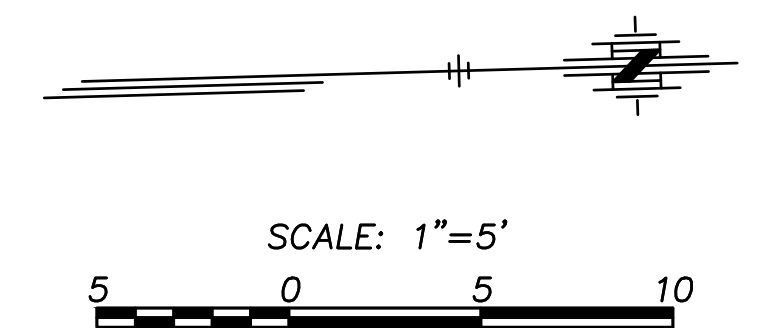
155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92171 SET 1/2" REBAR W/CAP (CFS CONTROL)
N:577521.2690 E:11378203.8100 EL:911.55

1) TO NORTH B/C ENTR. 4.0' S
2) TO EAST EDGE N-S WALK 7.9' W
3) TO RET WALL PI E-N 7.1' NW

CP 92172 SET 1/2" REBAR W/CAP (CFS CONTROL)
N:577584.1620 E:11378199.2550 EL:912.78

1) TO EAST EDGE N-S WALK 1.3' W
2) TO WEST FACE N-S RET WALL 1.6' E
3) TO LP 8.8' NNW



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

TP	Top of Pavement
TS	Top of Sidewalk
TC	Top of Curb
TW	Top of Wall

Note:

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

(Standing Pad)

CITY OF TOPEKA

SHAWNEE CO., KS

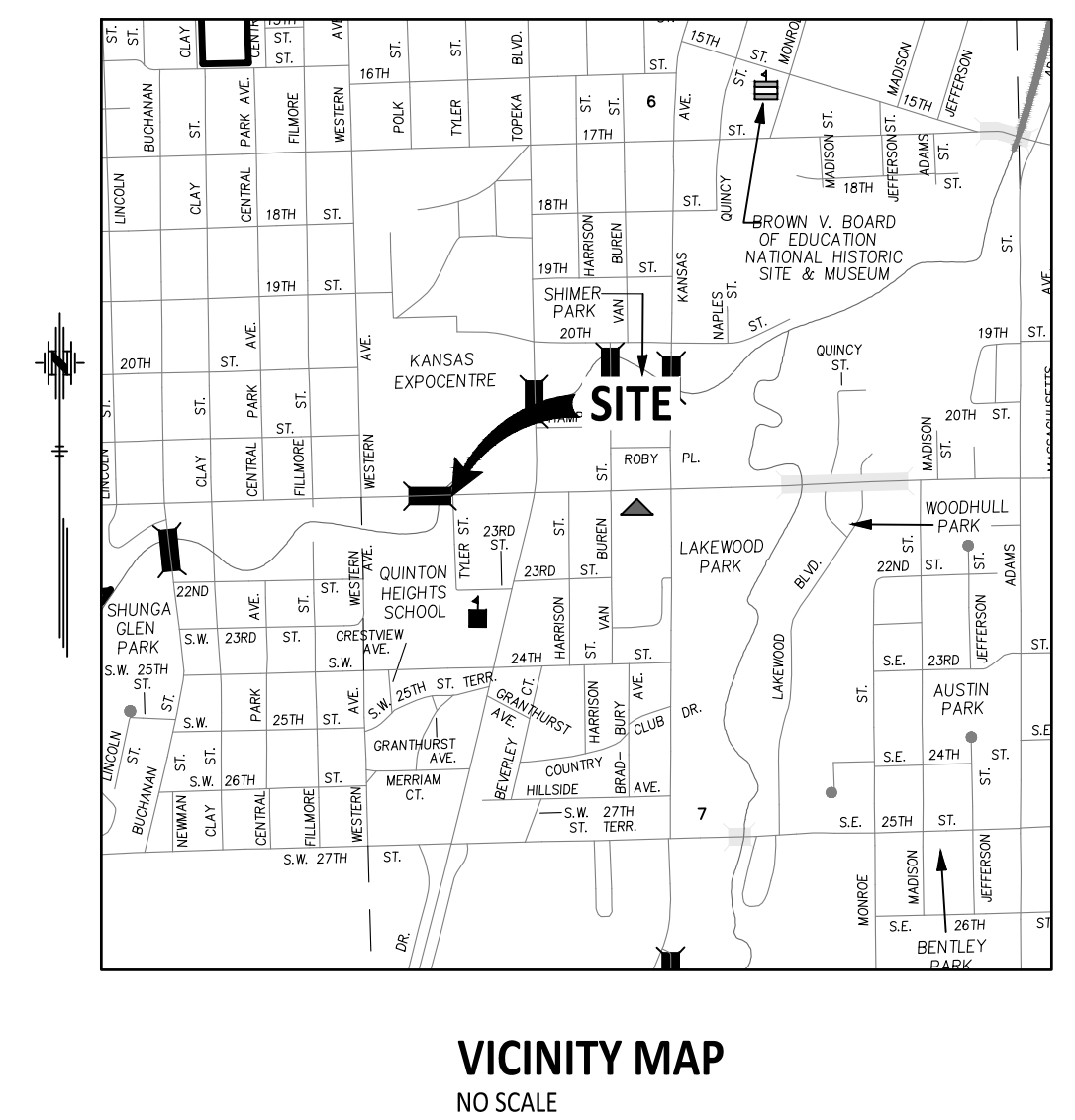
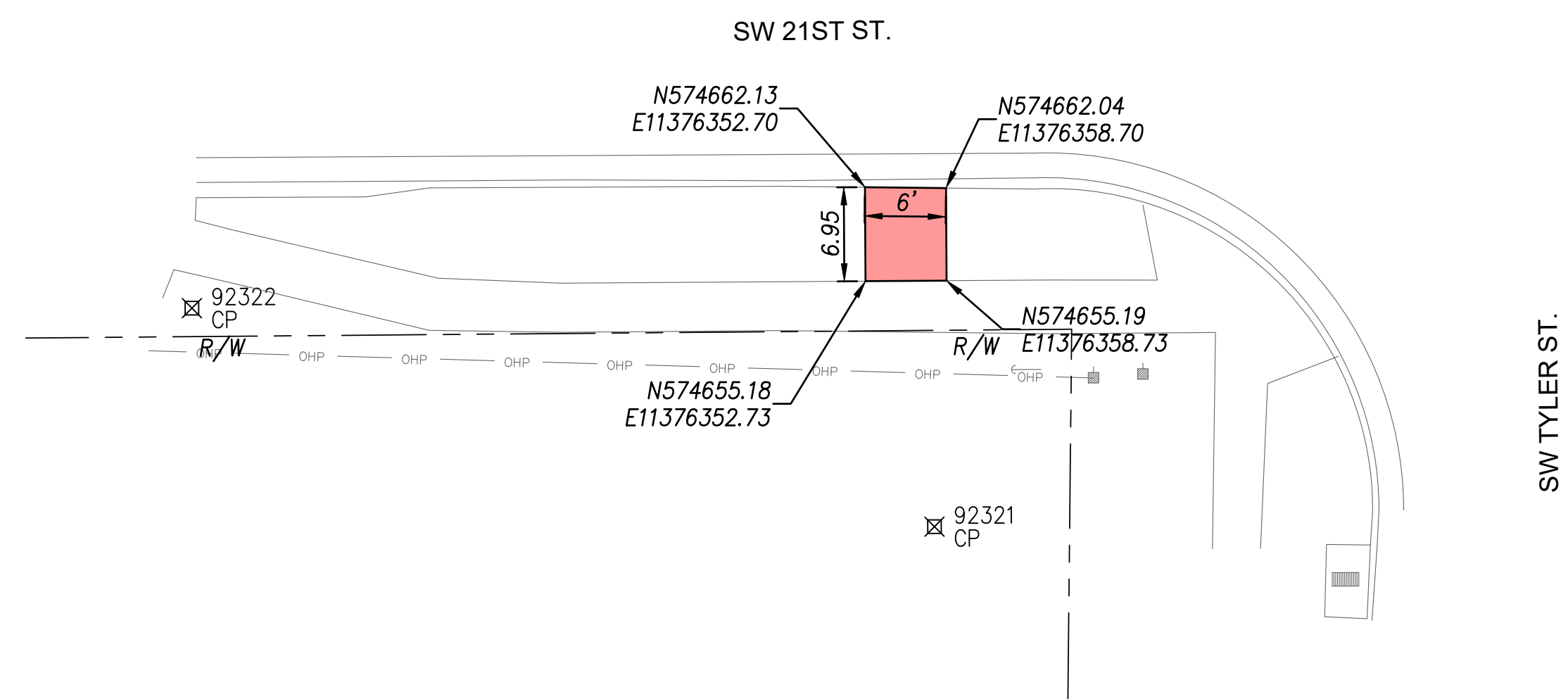
CFS ENGINEERS
cfse.com 2930 SW Woodside Dr, Topeka, KS 66606
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA , PHASE 9.2

CFS PROJECT # 15-5044

DATE: 04/2019

SHEET 1 OF 1

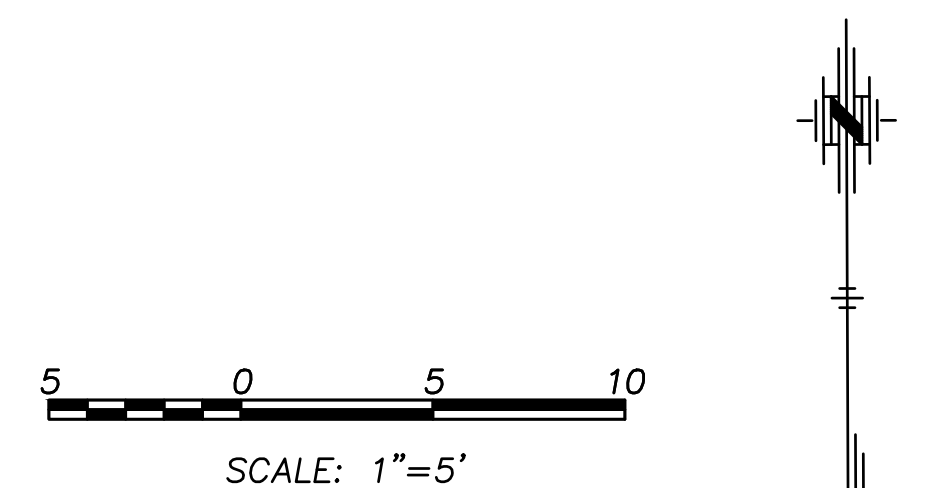
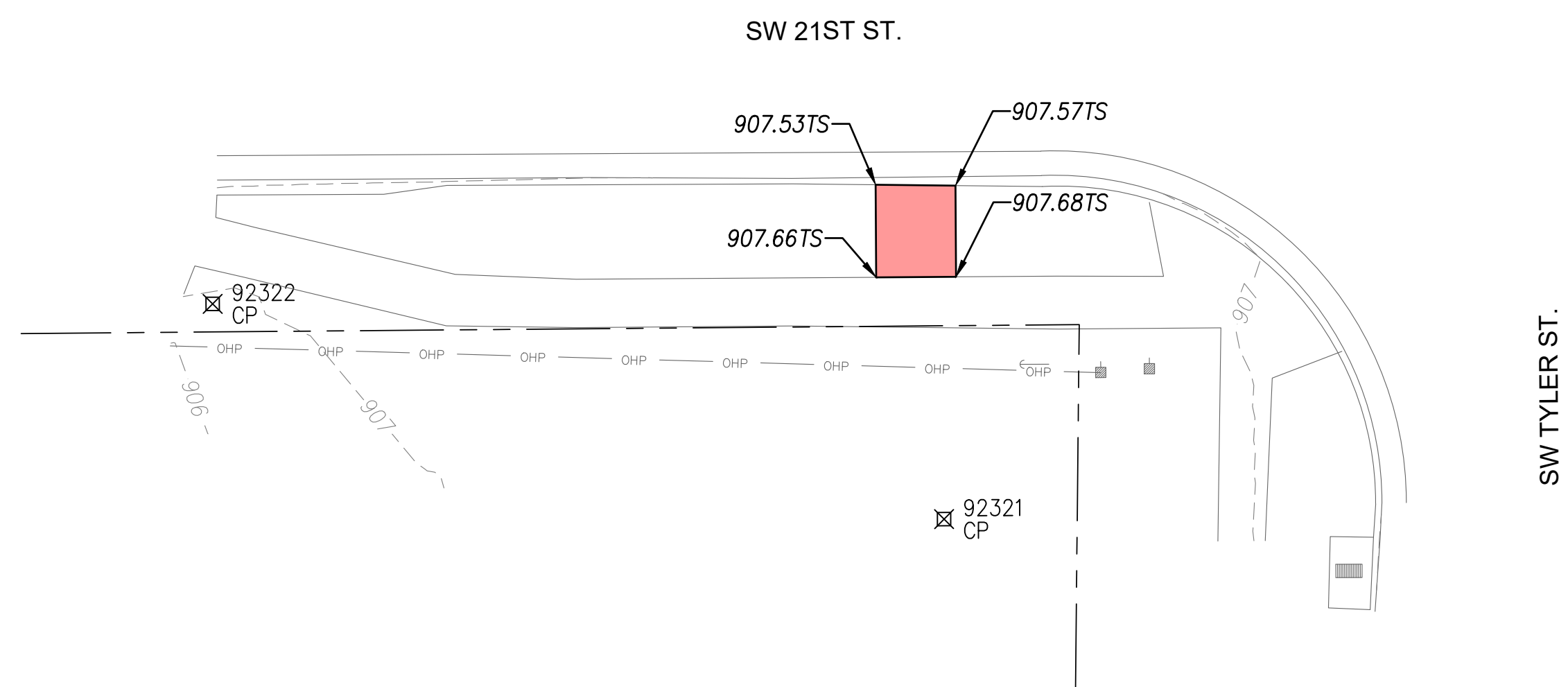


155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

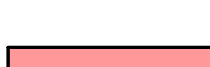
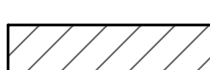
CP 92321 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574636.9950 E: 11376357.7680 EL: 907.73

1) TO B/C SOUTH SIDE 21ST	25.37' N
2) TO 4 LAIRD NOLLER WAY	48.0' N
3) TO SW FACE PP	15.92' NE

CP 32322 SET 1/2" REBAR W/CAP (CFS CONTROL)
N: 574653.3390 E: 11376302.8690 EL: 906.75
1) TO Q LAIRD NOLLER WAY 104.0' E
2) TO SE COR SOUTH HANDRAIL BRIDGE 3.0' WSW
TO SIDEWALK PI E-S 2.86' NW



LEGEND

-  - Large Tree Removal
-  - Construct Comb. Sidewalk & Retaining Wall
-  - Construct 5" Non-Reinforced Pad w/ 4" AB-3
-  - Conc. Sidewalk Removal
-  - Construct 4" Conc. Sidewalk w/ 4" AB-3

TP	Top of Pavement
TS	Top of Sidewalk
TC	Top of Curb
TW	Top of Wall

Note:

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

**SW 21ST ST. &
SW TYLER ST. (SW)**
(Standing Pad)

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

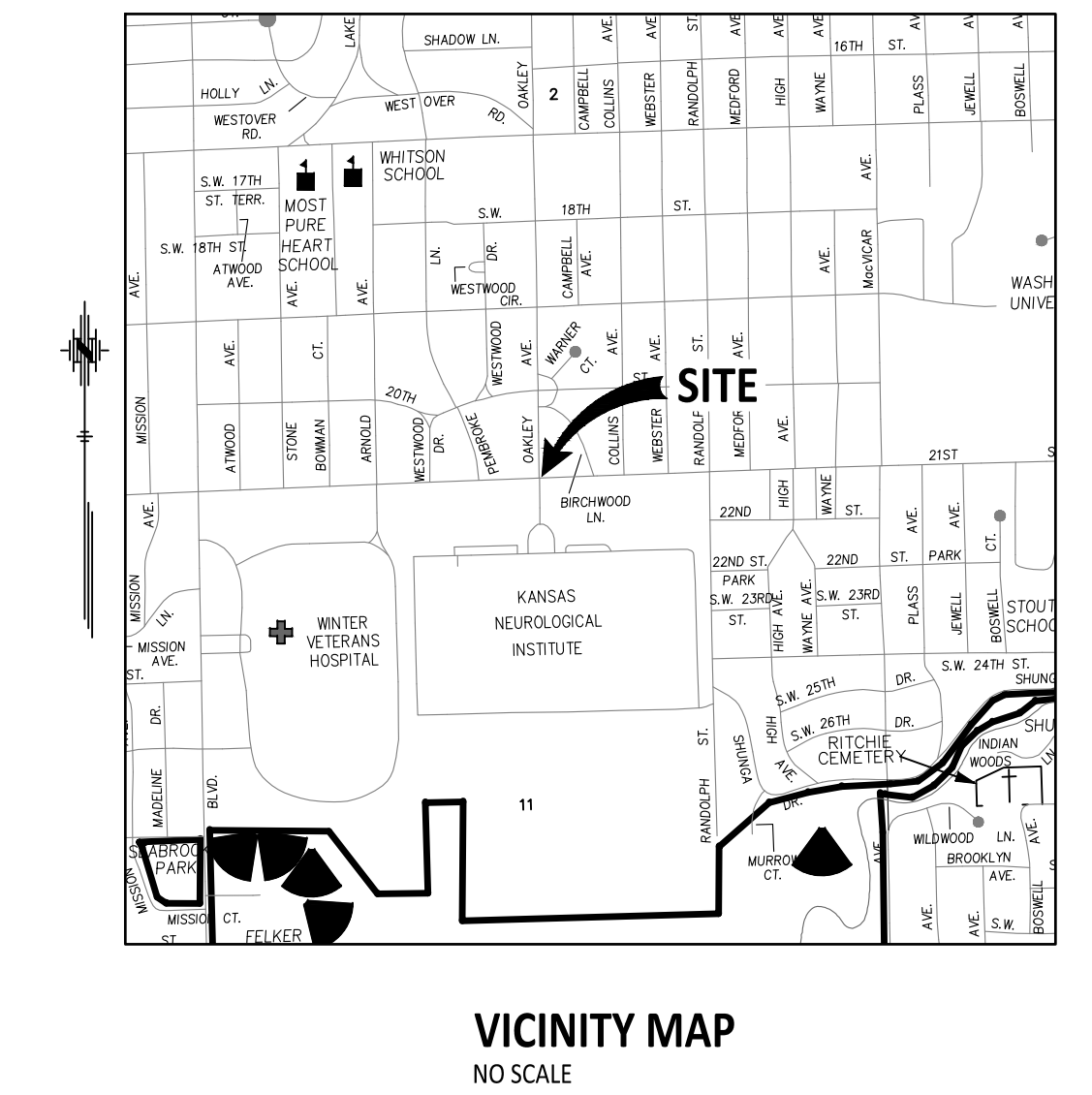
NOTE: TMTA , PHASE 9.2

CFS PROJECT # 15-5044	DATE: 07/2019
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PROJECT MANAGER: KH	SHEET 1 OF 1
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CITY OF TOPEKA

SHAWNEE CO., KS



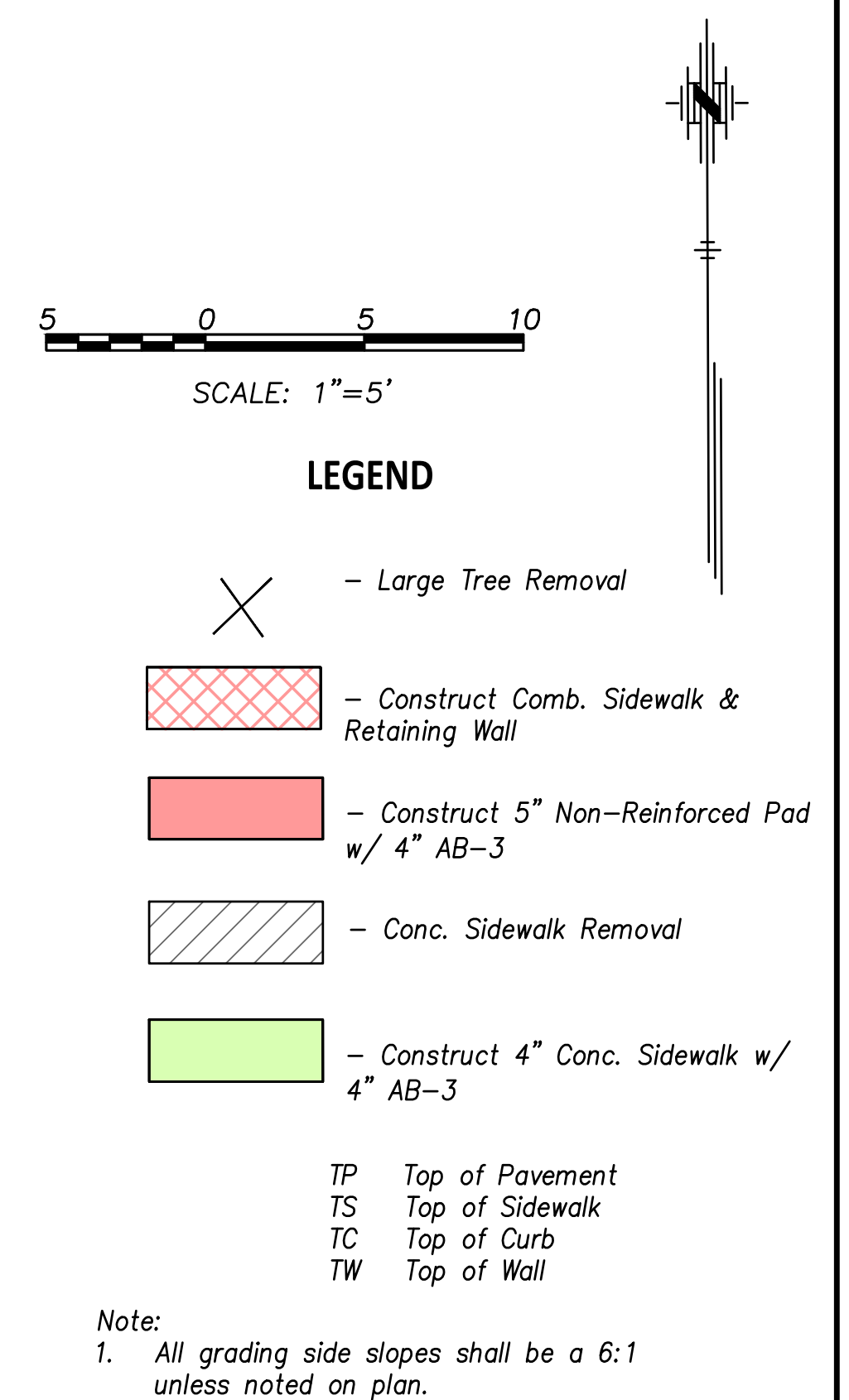
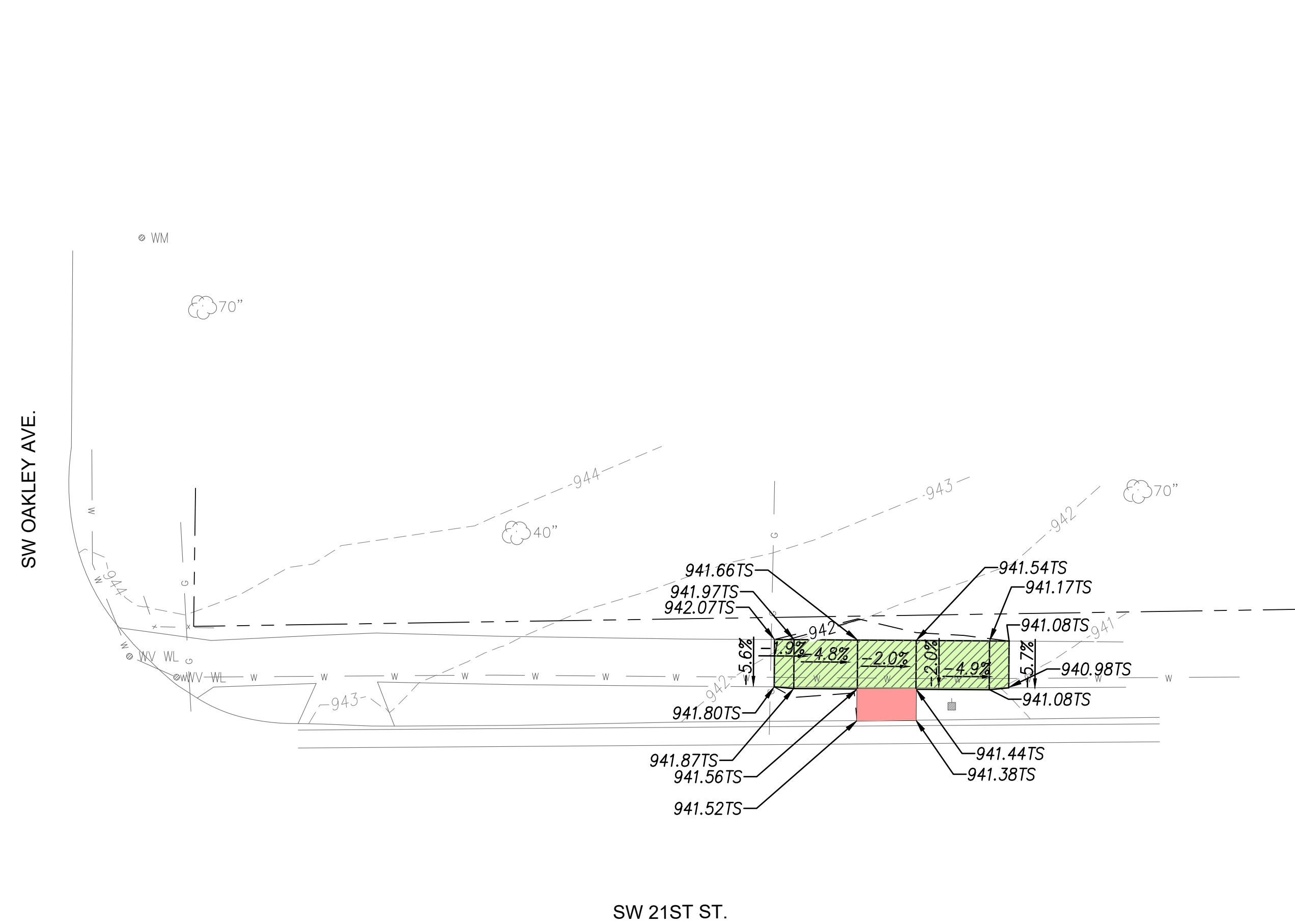
155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 92161 SET 1/2" REBAR W/CAP (CFS CONTROL)
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1) TO SOUTH B/C 21ST ST 2.7' N
2) TO NORTH EDGE E-W WALK 5.5' S
3) TO SW COR INLET 9.0' ESE

CP 92162 SET 1/2" REBAR W/CAP (CFS CONTROL)
N:574643.9630 E:11367587.9400 EL:948.41

1) TO SOUTH B/C 21ST ST 7.3' N
2) TO NORTH EDGE E-W WALK 1.0' S
3) TO NORTH SIGN POST (HIDDEN TREASURE) 17.2' SSE



SW 21ST ST. & SW OAKLEY AVE. (O.B.)(NE) (Standing Pad)	
	2030 SW Woodside Dr. Topeka, KS 66614 cfsengineers.com 785-272-4706 F: 785-272-4736
NOTE: TMTA, PHASE 9.2	
CITY OF TOPEKA	SHAWNEE CO., KS
CFS PROJECT # 15-5044	DATE: 07/19/2019
PROJECT MANAGER: KH	SHEET 1 OF 1