TOPEKA METRO

REQUEST FOR BIDS
Concrete Pads for Bus Stops
Phase 8 Group 6
TO-20-16

Appendix III
Engineering Studies

TOPEKA METRO, TOPEKA KANSAS
BUS STOPS
PHASE 8.6

KANSAS ONE-CALL:
1-800-DIG-SAFE
(1-800-344-7233)

ONE CALL KANSAS

Protect yourselves and your property against underground utility damage and liability.

Find out where the underground utility lines might be buried before you dig.

Anyone digging in Kansas must call before digging. The person who is doing the work is responsible for calling KOC. If the owner contracts with a professional excavator to do the excavation then the professional excavator is responsible for calling KOC.

You (the digger) will need to provide information about the work site when you call. This is a FREE service.

CALL BEFORE YOU DIG
IT'S THE LAW.
[Chapter 66.--PUBLIC UTILITIES
Article 18.--UTILITY DAMAGE PREVENTION]

UTILITY OWNERS

Cable TV
Cox Communications
931 SW Henderson Rd.
Topeka, KS 66615
John Hanas
(785)215-6705

Electric
Westar Energy
122 SW 2nd St.
Topeka, KS 66603
Allyson Wetter
(785)575-1221

Fiber Optic - City of Topeka
City of Topeka, Info. Tech.
620 SE Madison, 3rd Fl.
Topeka, KS 66607
Mark Biswell
(785)368-3718

Fiber Optic- USD 501
USD 501, Info. Tech.
1900 SW Hope St.
Topeka, KS 66604
Dickie Hanson
(785)438-4750

Fiber Optic-KSFiberNet
Kansas Fiber Network LLC
10875 Benson, Suite 250
Overland Park, KS 66210
Brad Burger
(913)213-2937

Gas
Kansas Gas Service
P.O. Box 3538
200 E 1st St.
Topeka, KS 66601
Dawn Hecker
(785)431-4251
For Gas Leaks 1-888-482-4950
911 must also be called immediately

Sanitary/Storm Sewer
City of Topeka, WPC Div.
1115 NE Poplar St.
Topeka, KS 66616
Darren A. Coffland
(785)368-2467

Telephone
AT&T
220 SE 6th St., Rm 360
Topeka, KS 66603
Daniel Chase
(785)276-6147

Traffic Signal
City of Topeka, Traffic Ops.
927 NW Harrison St.
Topeka, KS 66612
Duane Morris
(785)368-3913

Water
City of Topeka, Eng. Div.
620 SE Madison St. Unit 7
Topeka, KS 66607
Duncan Theuri
(785)368-0152

GENERAL NOTES:

1. All Construction Methods and Materials Used in the Construction of the Improvements Covered by these Plans Shall be in Accordance with the Project Specifications and the City of Topeka and Shawnee County Standard Technical Specifications, Latest Addition, on File at the City of Topeka Engineer's Office.
2. The Location of All Underground Utilities May Vary from what is Indicated on These Plans. It Shall be the Contractor's Responsibility to Coordinate with Utility Owner to Locate and Flag All Underground Utilities Whether Indicated or Not. No Excavation Shall be Permitted in the Area of Underground Utilities Until All Such Utilities Have Been Located and Identified to the Satisfaction of All Parties. Any Damage to the Utility Shall be Repaired or Replaced by the Utility Company at the Expense of the Contractor.
3. The Cross Slope on All Sidewalks Shall Not Exceed 2%.
4. All Property Pins Disturbed By Construction Shall be Replaced by a Professional Land Surveyor. This Work Shall be Performed at the Expense of the Contractor.
5. Full Depth Sawcuts Shall be Used to Remove a Portion of Pavement or Curb and Gutter. All Sawcuts Shall be Full Depth and Shall be Performed at the Expense of the Contractor.
6. New Signs shall Comply with Required Clearance from Sidewalk, Public Right of Way and Comply with Required Sight Distance.
7. The Contractor is required to obtain a Traffic Disruption permit from the City of Topeka Engineering Division (785 368-3842) a minimum of 48 hours in advance of any work that will restrict or disrupt pedestrian or vehicular travel in the public right-of-way. All traffic control shall conform to the Manual on Uniform Traffic Control Devices and City of Topeka standards.

-LEGEND-

Telephone Pedestal	Manhole
Telephone Manhole	Water Hydrant
Electric Manhole	Tree
Storm Sewer Manhole	Fire Hydrant
Sanitary Sewer Manhole	Water Line
Traffic Signal Manhole	Gas Line
Traffic Signal Pole	Telephone Line
Gas Meter	Underground Electric
Water Meter	Sanitary Sewer Line
Water Valve	Sanitary Sewer Line
Power Pole	Brush & Timber
Gas Valve	Light Pole
Iron Pin Set	Guy Wire
Iron Pin Found	Section Corner

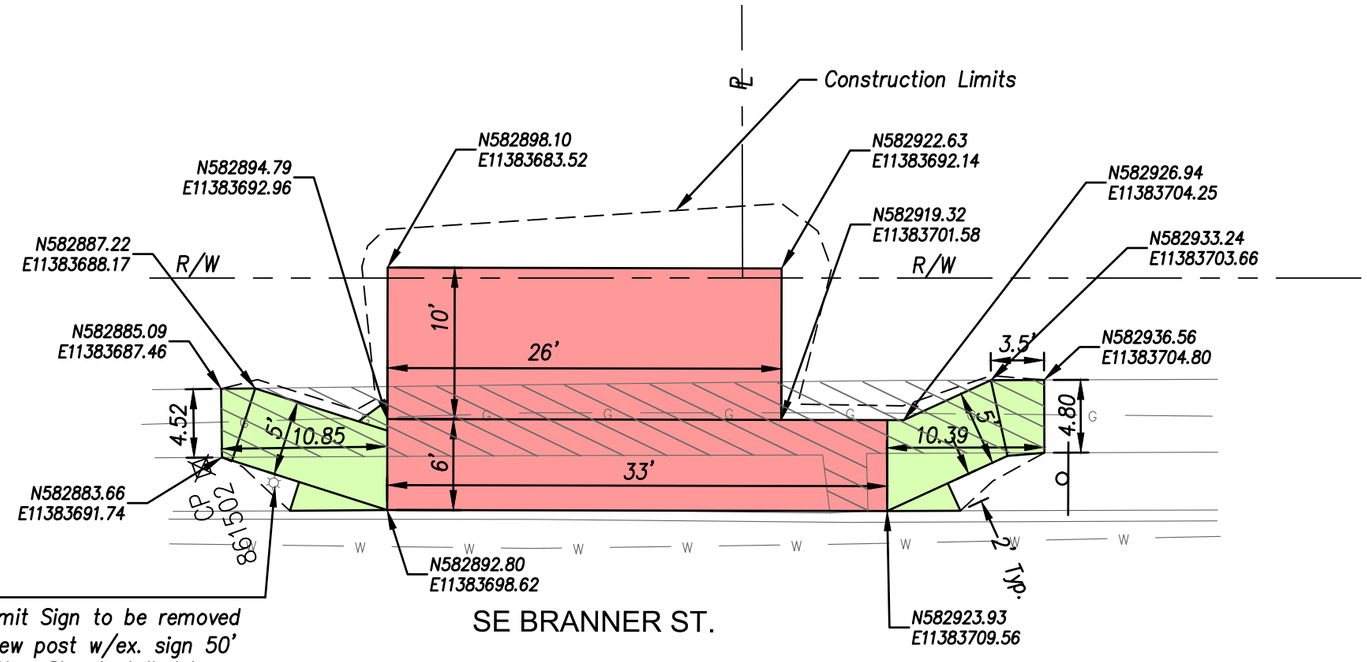
PLANS PREPARED BY:

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

TITLE SHEET
PHASE 8.6

DATE: Jan. 2020
SHEET:
PROJ.: 19-5044

J:\2015Proj\155044 (2019 PH 8.6)\CADD\15-5044 ph 8.6 Title Sheet.dwg, Title 8.6, 3/9/2020 8:02:19 AM



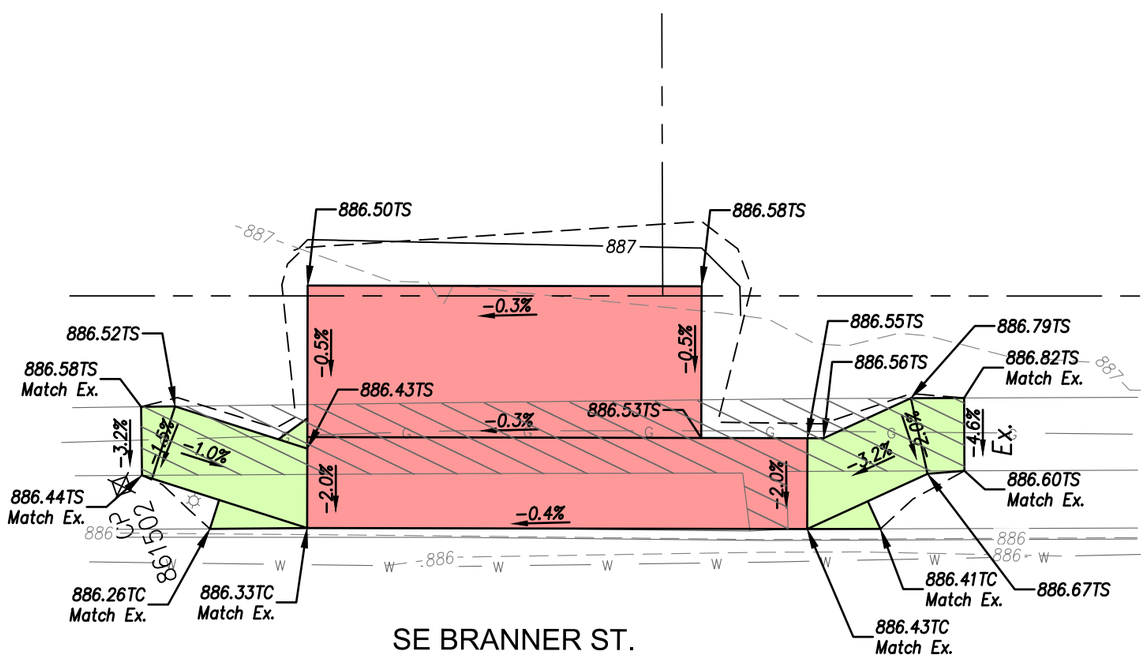
Ex. Speed Limit Sign to be removed and Install new post w/ex. sign 50' North. Bus Stop Sign Installed by Others

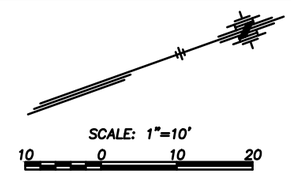
VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 861501 SET ½" REBAR W/CAP (CFS CONTROL)
N: 582966.396 E: 11383720.839 EL: 886.87
1) WEST FACE SPEED LIMIT SGN POST 1.13' E
2) EAST EDGE WALK 0.63' W
3) ℄ 3RD ST 87.0' N

CP 861502 SET ½" REBAR W/CAP (CFS CONTROL)
N: 582882.157 E: 11383691.980 EL: 886.70
1) ℄ BRANNER 21.0' E
2) EAST EDGE WALK 0.50' W
3) SOUTH FACE LP 4.5' NNE





LEGEND

- 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

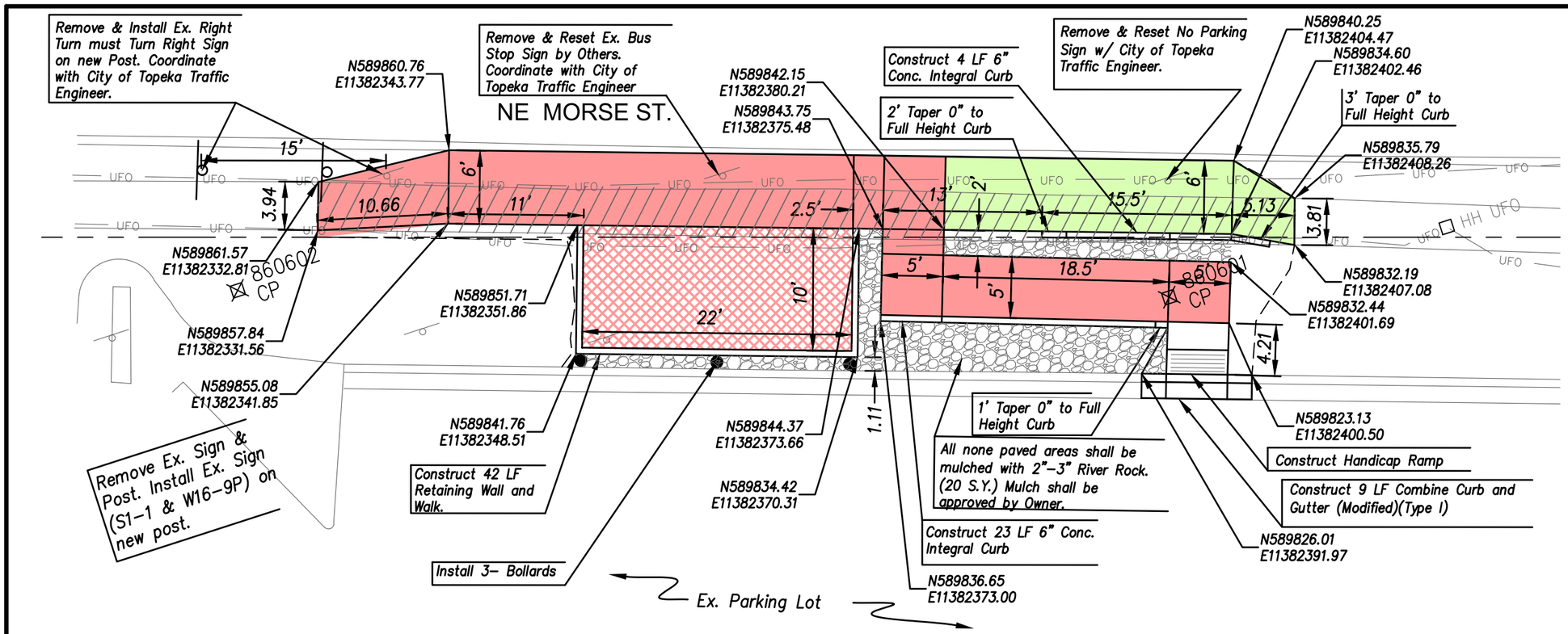
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.
2. Remove and reset existing speed limit sign north of the bus stop. Coordinate with the City of Topeka Traffic Engineer.

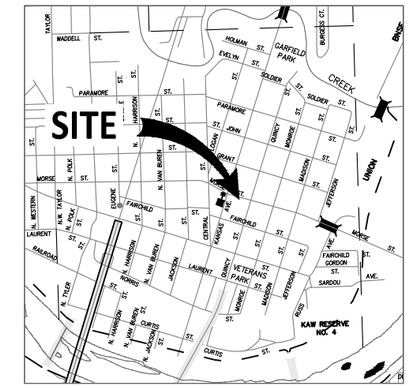
SE BRANNER ST. between SE 3RD ST. & SE 2ND ST. ON WEST SIDE STREET (IB)(MBW)
(Shelter, Trash Can & Bike Rack)

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

NOTE: TMTA, Phase 8.6
CFS PROJECT # 15-5044 DATE: 12/17/19
PROJECT MANAGER: KH SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Branner & 3rd, 3/6/2020 4:51:32 PM



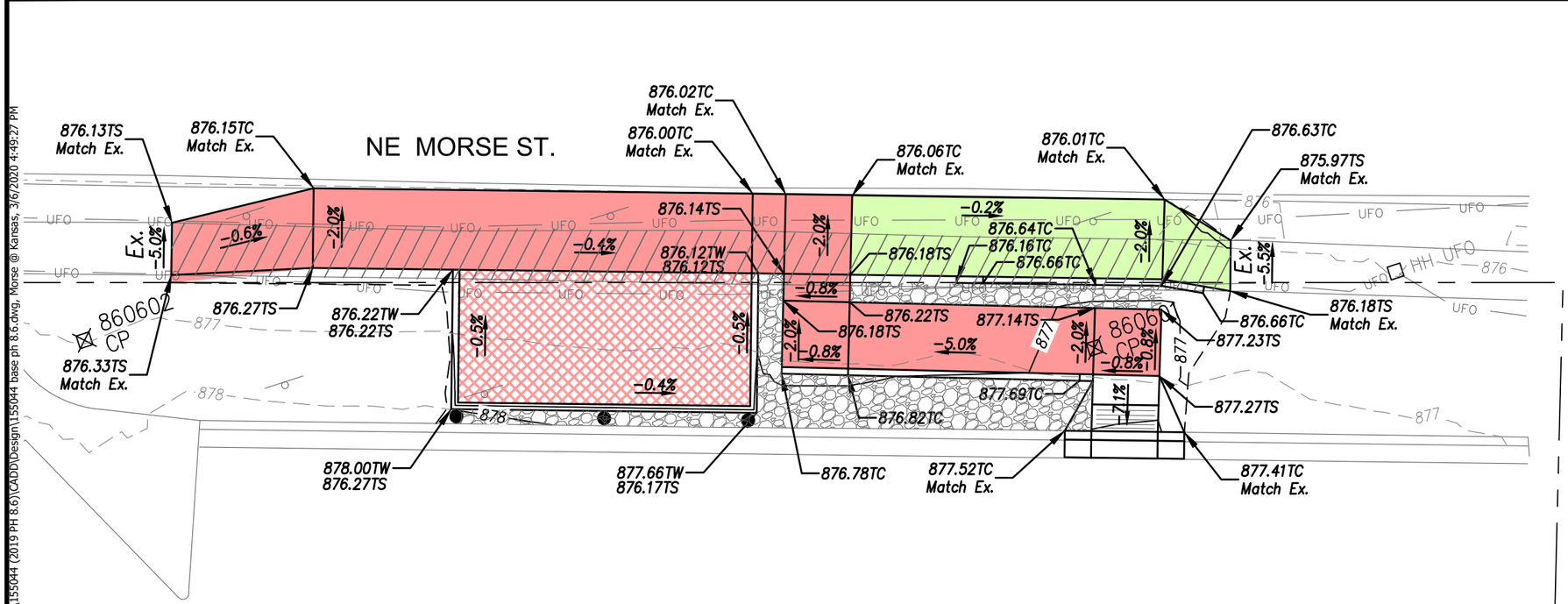


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 860601 SET ½" REBAR W/CAP (CFS CONTROL)
N: 589831.257 E: 11382396.027 EL: 876.92
1) B/C NORTH SIDE COTTON O NEIL — 6.4' S
2) NO PARK SGN POST — 9.75' N
3) EAST ALLEY BETWEEN KANSAS & QUINCY — 45.0' E

CP 860602 SET ½" REBAR W/CAP (CFS CONTROL)
N: 589855.179 E: 11382323.824 EL: 877.34
1) B/C PI S-E COTTON O NEIL PARK LOT — 10.75' SE
2) NE COR CONC SGN BASE (COTTON O NEIL) — 8.8' W
3) EDGE WALK SOUTH SIDE MORSE — 4.9' N



SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct Reinforced Conc. Pad (Combined Retaining Wall & Walk)
- Construct 5" Non-Reinforced Pad w/ 4" AB-3
- Conc. Sidewalk Removal
- 2"-3" River Rock Mulch
- Construct 4" Conc. Sidewalk w/ 4" AB-3

TP Top of Pavement
TS Top of Sidewalk

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.
2. Rock mulch shall be placed over pin weed barrier fabric. Mulch shall be 4" thick. Elevation of top of rock shall be 1/4" below any adjacent pavement. Coordinate with Owner.

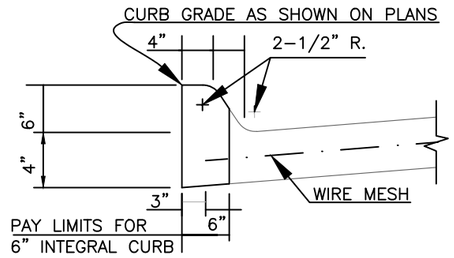
NE MORSE ST. @ NE KANSAS AVE. (IB)(MBS)

(Shelter, Trash Can & Bike Rack)

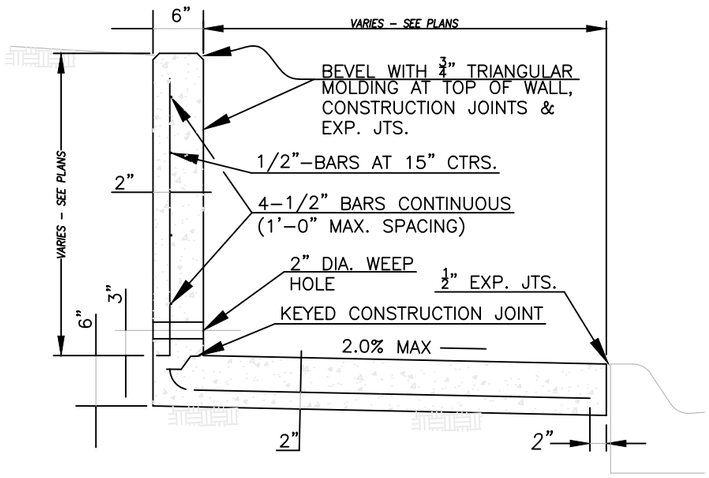
CFS ENGINEERS
cfse.com
2930 SW Woodside Dr. Topeka, KS 66614
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET 1 OF 2

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Morse @ Kansas, 3/6/2020 4:49:27 PM

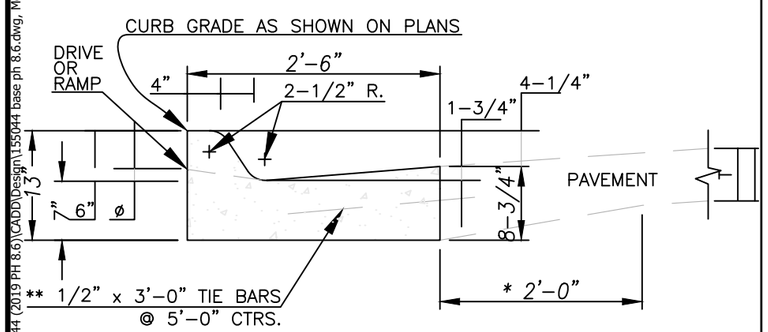


INTEGRAL CURB

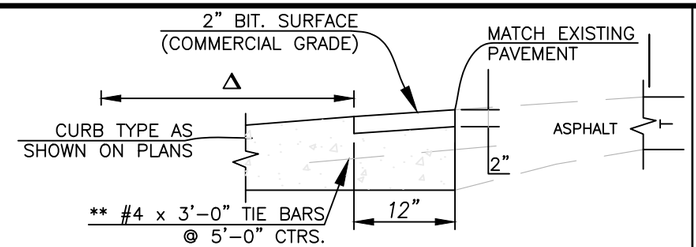


RETAINING WALL & WALK DETAILS

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.



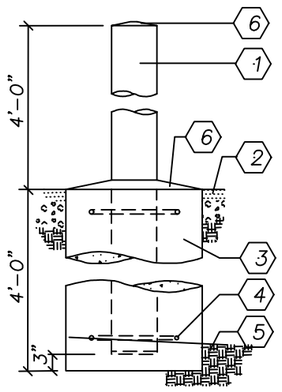
COMBINED CURB & GUTTER-TYPE I



CC&G (MODIFIED)

NOTE:
CURB AND GUTTER ABUTTING EXISTING ASPHALT

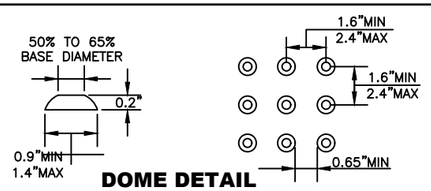
Δ DIMENSION IS FROM BACK OF CURB TO TOE, SEE APPROPRIATE DETAIL FOR CURB TYPE AS SHOWN ON PLANS



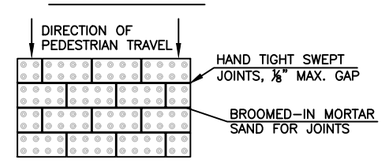
KEYED NOTES

1. 4" DIAMETER STD. STL. PIPE CONCRETE FILLED. (PAINTED EXPOSED PIPE YELLOW).
2. TOP OF PAVEMENT.
3. 24" DIA. CONCRETE FOUNDATION. USE SONOTUBE FORM.
4. 3/8" DIAMETER WELDED HOOPS. 18" DIAMETER TOP, BOTTOM AND CENTER.
5. SOLID UNDISTURBED SOIL.
6. PROVIDE PITCH, SMOOTH CONCRETE FINISH.

TYPICAL PIPE BOLLARD

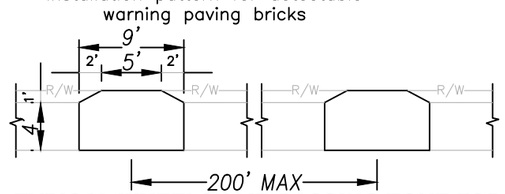


DOME DETAIL

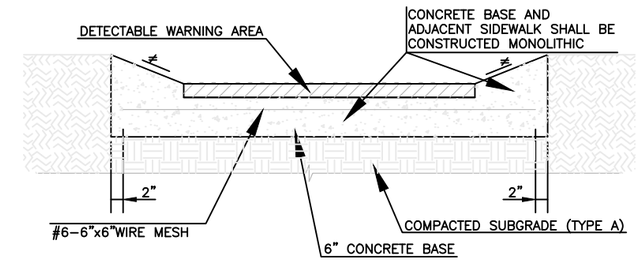


RUNNING BOND/PARALLEL ALIGNMENT AND JOINT DETAIL

Installation pattern for detectable warning paving bricks



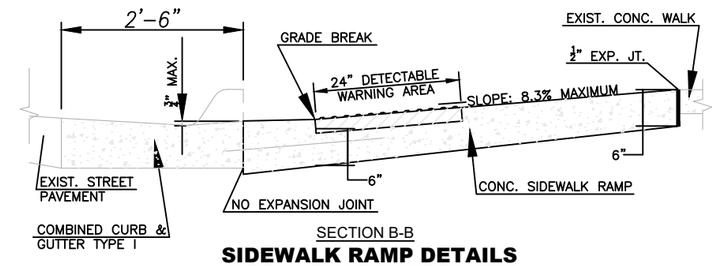
TYPICAL WHEELCHAIR PASSING ZONE FOR SUB-COLLECTOR AND LOCAL STREETS



SECTION A-A

TYPICAL SECTION OF DETECTABLE WARNING SYSTEM

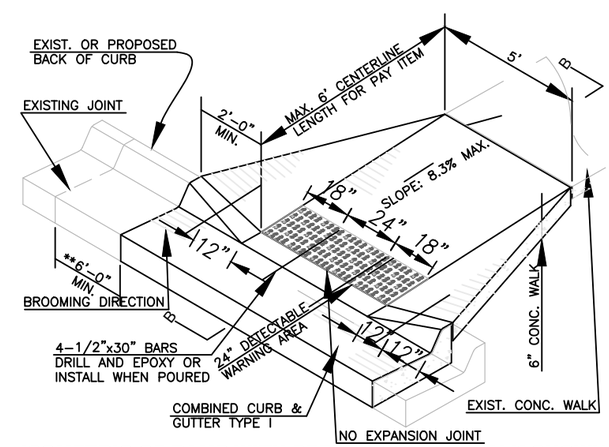
≠ 10:1 MAXIMUM AT PAVED FAN AREA, 4:1 AT STANDARD RAMP



SECTION B-B

SIDEWALK RAMP DETAILS

NOTES:
1. RAMP TO BE PAID FOR AS SIDEWALK RAMP. CURB AND GUTTER TO BE INCLUDED IN THE PRICE BID FOR COMBINED CURB AND GUTTER TYPE I.
2. SIDEWALK RAMP SHALL OBTAIN A MINIMUM OF 6" ABOVE ℄ FOR NEW SIDEWALK CONSTRUCTION.



ISOMETRIC OF RAMP WITH PERPENDICULAR WALK SHOWN

SPECIAL REQUIREMENTS FOR SIDEWALK RAMP CONSTRUCTION

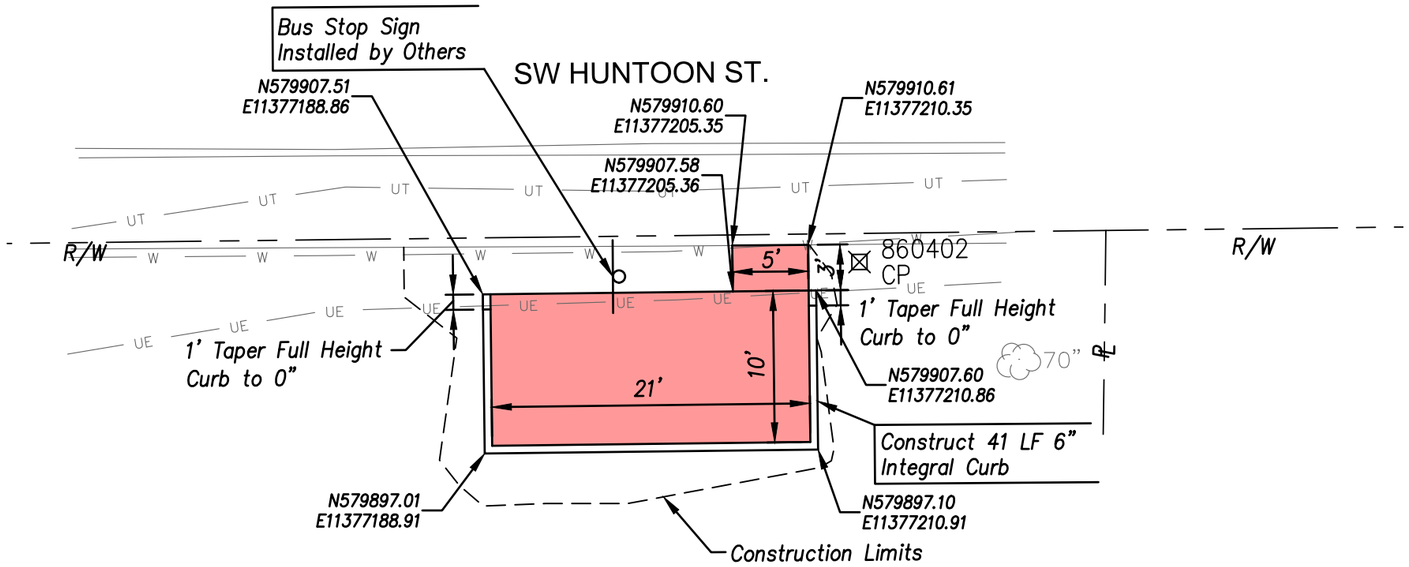
- ►SIDEWALK RAMPS SHALL BE CONSTRUCTED USING 6" THICK PAVEMENT CLASS CONCRETE (4000 PSI) AS DETAILED IN THE STANDARD TECHNICAL SPECIFICATIONS.
- ►EXPANSION JOINTS SHALL BE SEALED WITH APPROVED JOINT SEALANT WHERE SIDEWALKS AND DRIVE ENTRANCES (COMMERCIAL AND RESIDENTIAL) INTERSECT WITH PAVEMENT CURB.
- ►DETECTABLE WARNING SYSTEMS SHALL MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
- ►THE TRUNCATED DOME AREA SHALL BE A MAXIMUM WIDTH OF THE SIDEWALK RAMP OR MEDIAN RAMP. WIDER MEDIAN ISLANDS WILL RESULT IN A GAP BETWEEN THE TRUNCATED DOME AREAS.
- ►THE TRUNCATED DOME AREA SHALL BE A CONTRASTING COLOR TO THE ADJACENT SURFACES.
- ►DETECTABLE WARNING PANELS SHALL NOT BE CUT. BRICKS MAY BE SAW CUT BUT ANY BRICK SHALL NOT BE LESS THAN 25% OF A FULL BRICK.
- ►THE ADA SOLUTIONS CAST IN PLACE DETECTABLE WARNING PANELS, ARMORCAST DETECTABLE WARNING PANELS, PAVESTONE DETECTABLE WARNING PAVERS OR APPROVED EQUAL SHALL BE USED IN ALL SIDEWALK RAMPS.
- ►DETECTABLE WARNING SYSTEMS SHALL BE PLACED ALONG THE BACK OF CURB OR AT A MAXIMUM DISTANCE OF 5 FEET FROM BACK OF CURB.
- ►TRUNCATED DOMES SHALL BE ALIGNED WITH THE DIRECTION OF TRAVEL, OR MAY BE PLACED ON RADIAL LINES IN RADIUS TACTILE PATTERNS.
- ►MORTAR SAND SHALL MEET THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS.
- ►THE SIDEWALK RAMP WILL BE BID AS "SIDEWALK RAMP" AND PAYMENT FOR THIS WORK WILL BE MEASURED BY THE SQUARE FOOT, MAXIMUM 6 FEET CENTERLINE PAY LENGTH.
- ►ALL MATERIALS AND LABOR TO INSTALL THE SIDEWALK RAMP SHALL BE SUBSIDIARY TO THE BID ITEM "SIDEWALK RAMP".

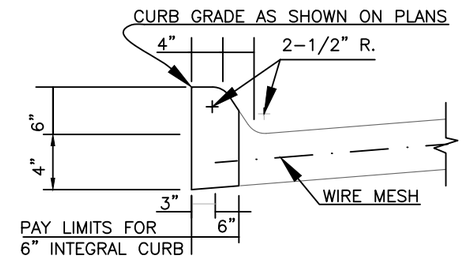
NE MORSE ST. @ NE KANSAS AVE. (IB)(MBS)
(Shelter, Trash Can & Bike Rack)

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

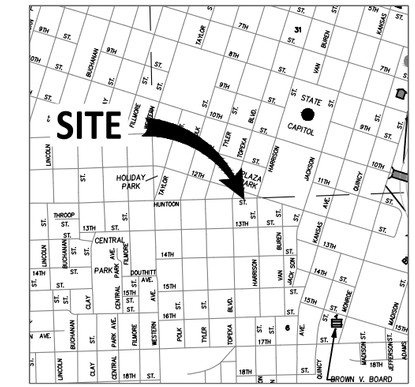
NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET 2 OF 2

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Morse @ Kansas (2), 3/6/2020 4:49:31 PM





INTEGRAL CURB

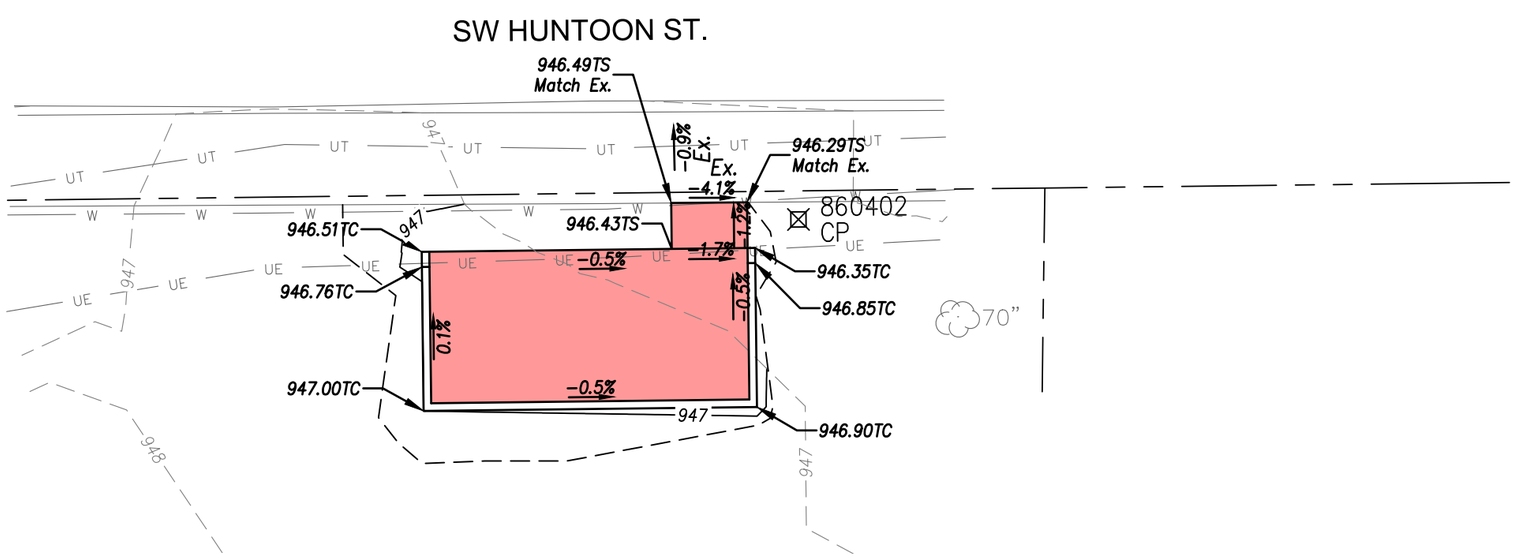


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 860401 SET ½" REBAR W/CAP (CFS CONTROL)
N: 579914.022 E: 11377130.628 EL: 948.86
1) B/C SOUTH SIDE HUNTOON 2.35' N
2) NE COR SIG POLE SE QUAD HUNTOON & TOPEKA 16.5' SW
3) NE COR SIG POLE PAD 13.20' SSW

CP 860402 SET ½" REBAR W/CAP (CFS CONTROL)
N: 579909.451 E: 11377213.737 EL: 946.29
1) B/C SOUTH SIDE HUNTOON 7.15' N
2) WEST FACE @ ELEC CONDUIT 9.25' E
3) NW FACE TO T70 12.4' ESE



SCALE: 1"=10'
10 0 10 20

LEGEND

- 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

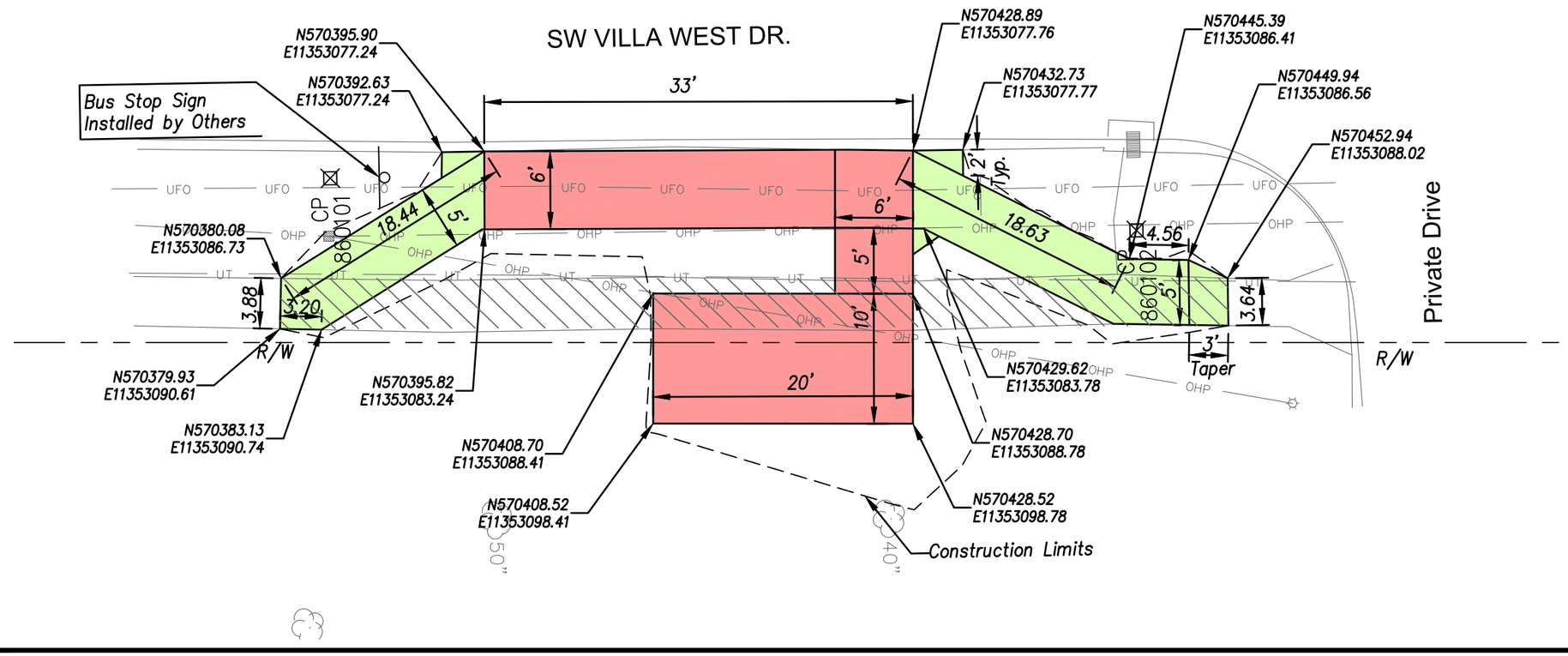
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

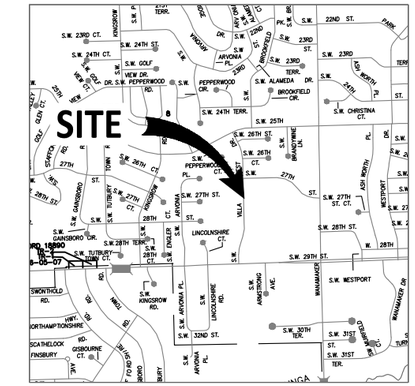
421 SW Huntoon (IB)(MBS)
(Shelter & Bike Rack)

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

NOTE: TMTA, Phase 8.6
CFS PROJECT # 15-5044 DATE: 12/17/19
PROJECT MANAGER: KH SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, 12th & Harrison, 3/6/2020 4:49:05 PM





VICINITY MAP
NO SCALE

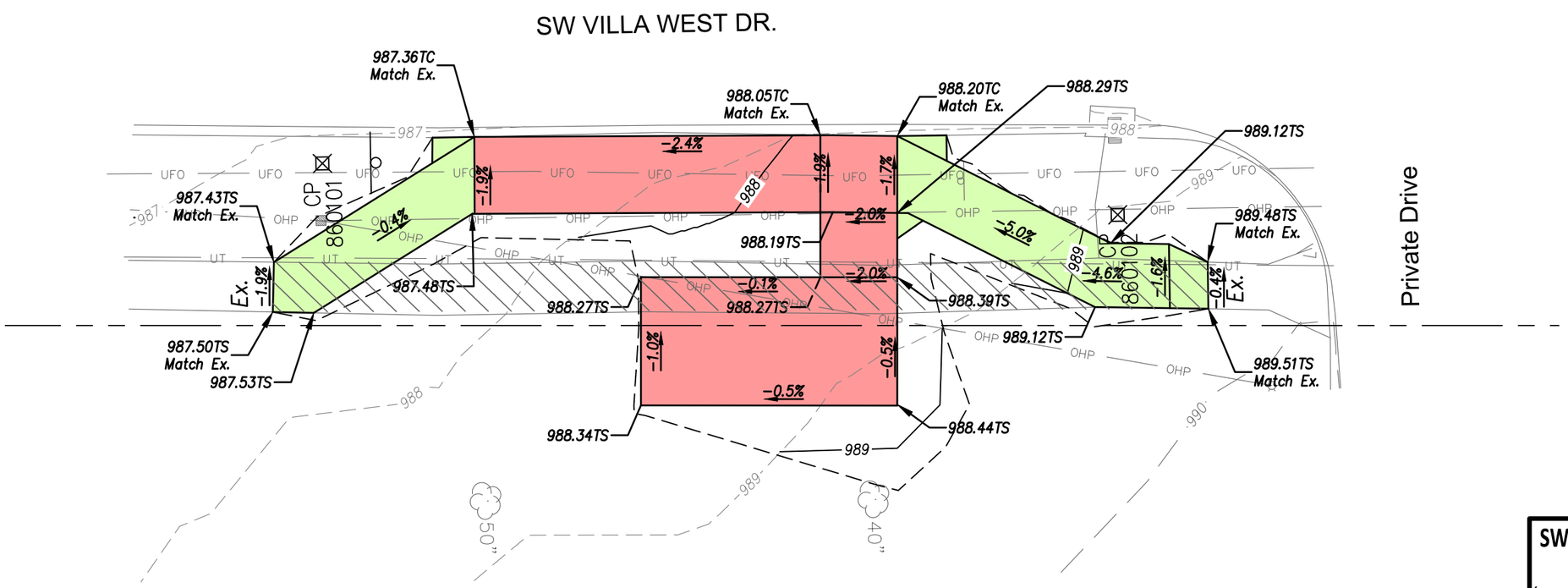
CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 860101 SET ½" REBAR W/CAP (CFS CONTROL)
N: 570384.008 E: 11353079.096 EL: 987.28

1)	EAST SIDE VILLA WEST DR	2.0' W
2)	WEST FACE PP	3.35' E
3)	BUS STOP SGN POST @ BASE	50.16' N

CP 860102 SET ½" REBAR W/CAP (CFS CONTROL)
N: 570445.982 E: 11353084.205 EL: 989.21

1)	B/C @ NE COR CURB INLET	6.25' WNW
2)	B/C @ SE COR CURB INLET	6.55' WSW
3)	℄ ENTR VILLA WEST APT @ INFO CTR	31.0' N
4)		



SCALE: 1"=10'
10 0 10 20

LEGEND

- 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

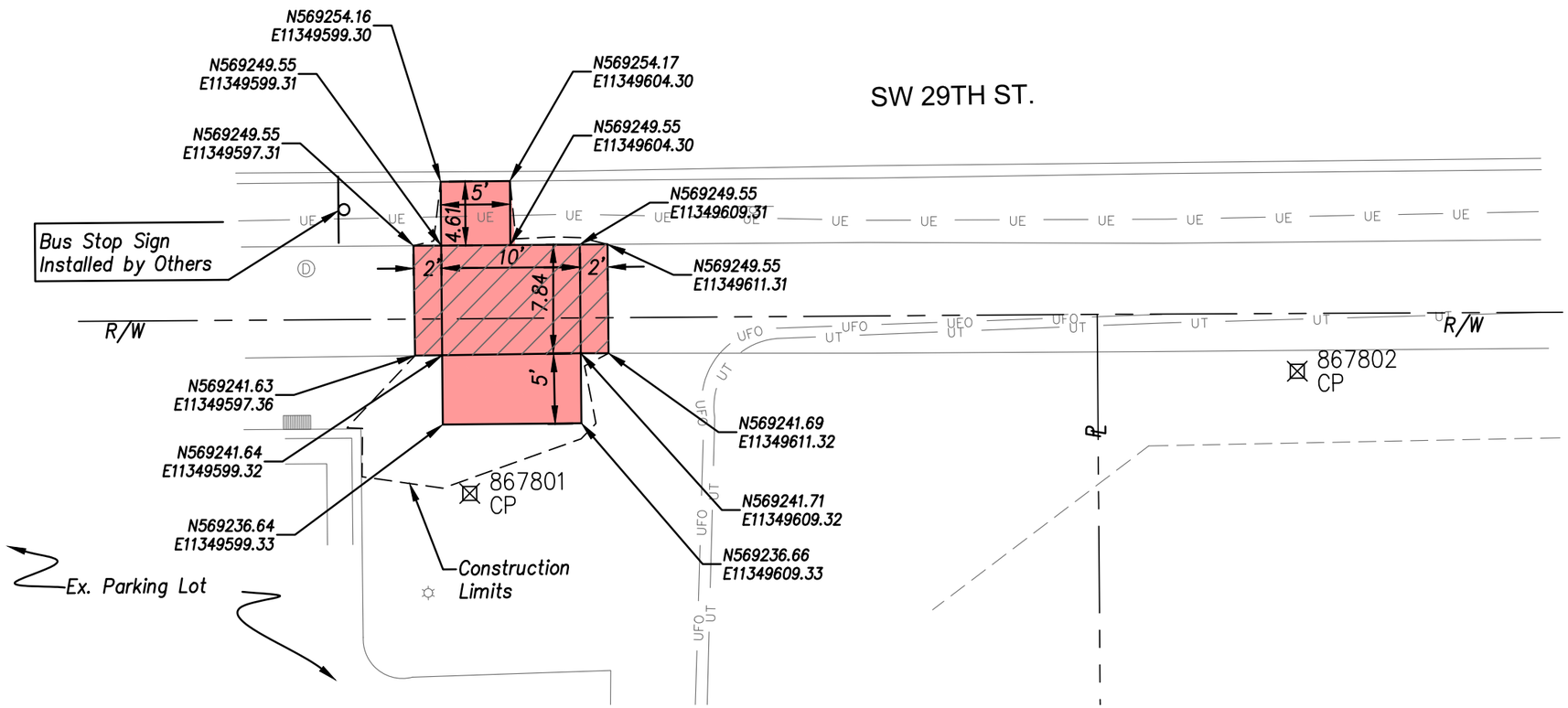
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

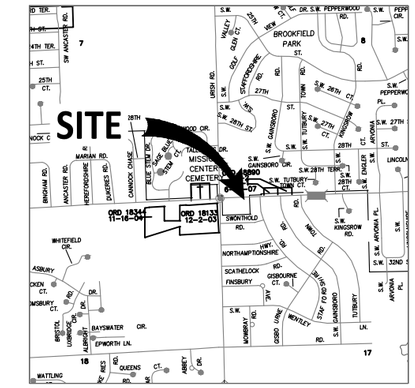
SW VILLA WEST DR. @ SW 27th ST. (OB)(MBE)
(Shelter, Trash Can & Bike Rack)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Villa West @ 27th, 3/6/2020 4:48:21 PM



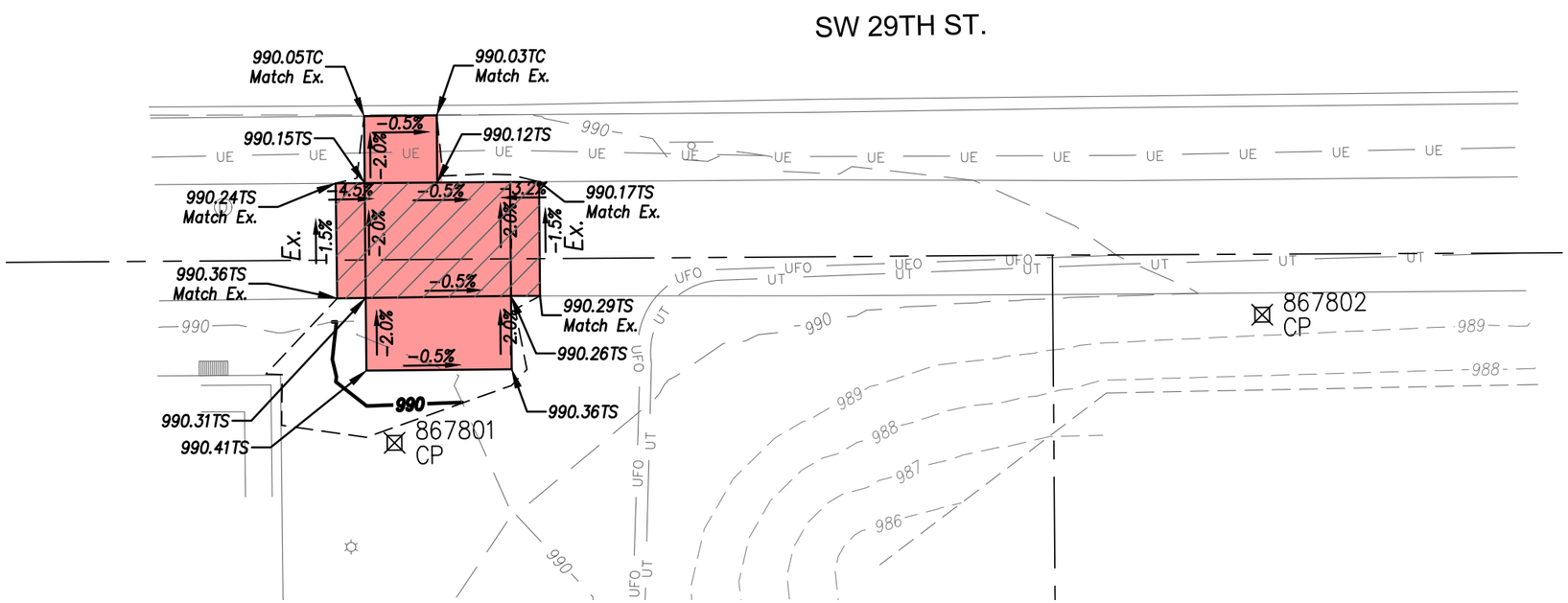


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 867801 SET ½" REBAR W/CAP (CFS CONTROL)
N:569231.658 E:11349601.230 EL:989.83
1) EDGE WALK SOUTH SIDE 29TH ST 10.06' N
2) B/C NNE COR COTTON O NEIL PARK LOT 9.15' NW
3) NORTH FACE 2' DIA CONC LP BASE 7.15' SSW

CP 867802 SET ½" REBAR W/CAP (CFS CONTROL)
N:569240.017 E:11349660.999 EL:989.75
1) EDGE WALK SOUTH SIDE 29TH ST 1.5' N
2) NW COR HEADWALL 12.09' WSW
3) WEST FACE PP 31.4' E



SCALE: 1"=10'
10 0 10 20

LEGEND

– 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

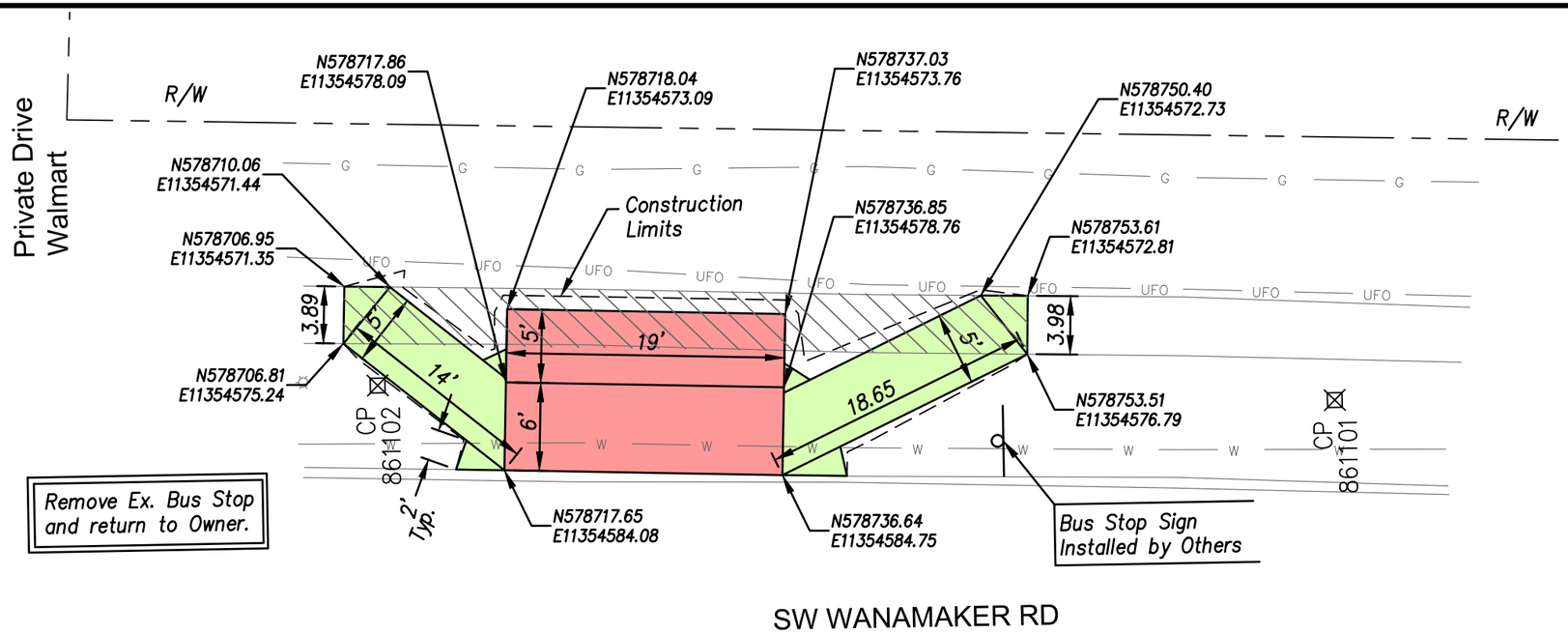
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

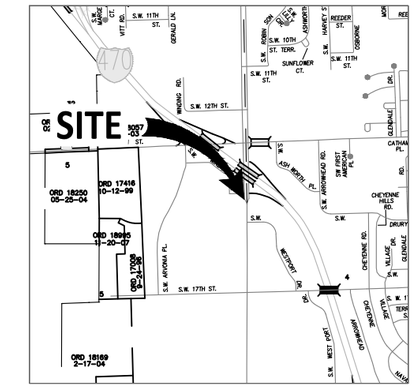
SW 29TH ST. @
SW URISH RD (IB)(MBS)
(Bench)

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

NOTE: TMTA, Phase 8.6
CFS PROJECT # 15-5044 DATE: 12/17/19
PROJECT MANAGER: KH SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, 29th & Urish, 3/6/2020 4:49:46 PM



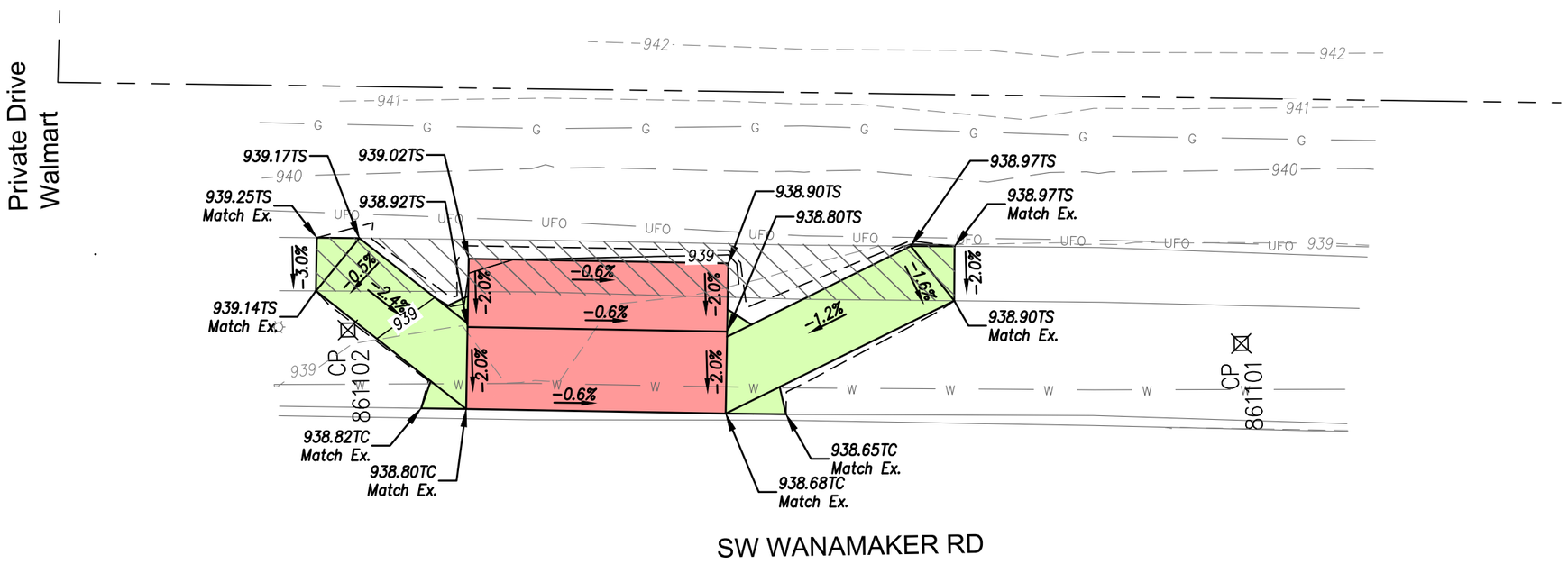


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 861101 SET ½" REBAR W/CAP (CFS CONTROL)
N: 578774.451 E: 11354580.299 EL: 938.93
1) B/C WEST SIDE WANAMAKER 5.67' E
2) EDGE EAST SIDE WALK 2.6' W
3) ℄ TOP TEL PED 65.19' NNE

CP 861102 SET ½" REBAR W/CAP (CFS CONTROL)
N: 578709.102 E: 11354578.144 EL: 939.24
1) B/C WEST SIDE WALK 5.65' E
2) NORTH FACE LP 5.23' WSW
3) NE COR JOSE PEPPER SGN 20.87' WSW



SCALE: 1"=10'
10 0 10 20

LEGEND

- 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

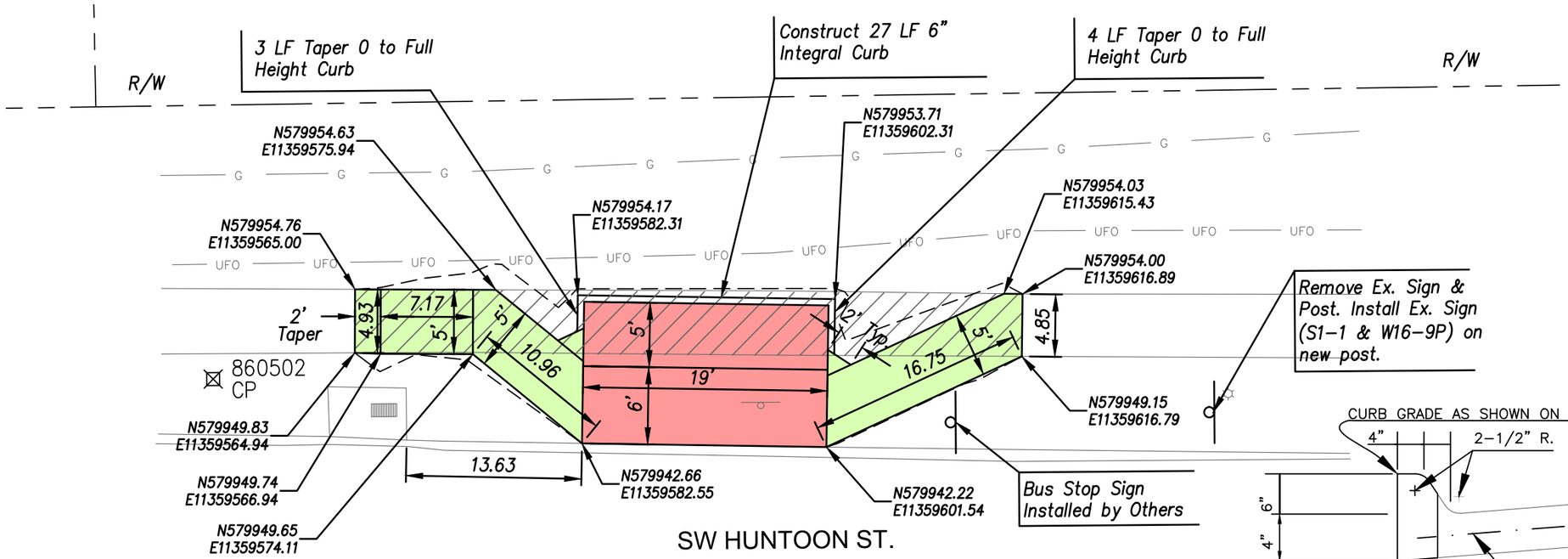
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

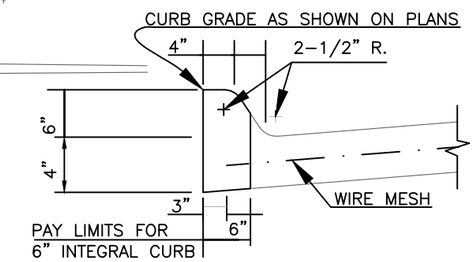
SW WANAMAKER RD. @ SW WINDING RD. (OB)(MBW)
(Bench, Trash Can & Bike Rack)

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

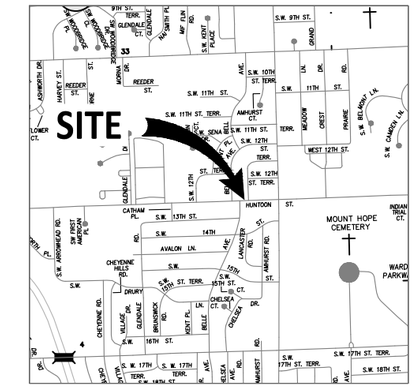
NOTE: TMTA, Phase 8.6
CFS PROJECT # 15-5044 DATE: 12/17/19
PROJECT MANAGER: KH SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Wanamaker & Winding Rd, 3/6/2020 4:50:41 PM





INTEGRAL CURB

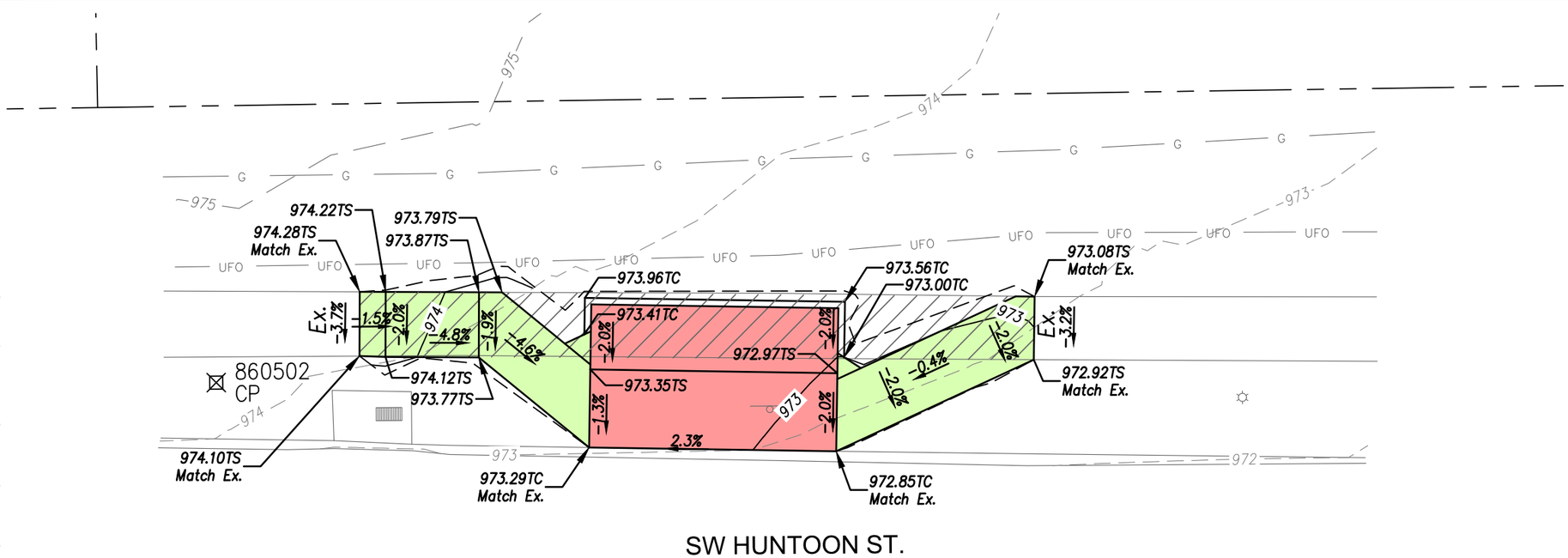


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 860501 SET ½" REBAR W/CAP (CFS CONTROL)
N: 579955.918 E: 11359661.440 EL: 972.18
1) NORTH EDGE WALK NORTH SIDE HUNTOON 2.23' S
2) ℄ GAS VALVE 54.28' E
3) ℄ ENTR TO KANSAS DENTAL 129.0' E

CP 860502 SET ½" REBAR W/CAP (CFS CONTROL)
N: 579947.870 E: 11359553.912 EL: 974.24
1) B/C NORTH SIDE HUNTOON 4.33' S
2) NW COR INLET 9.0' E
3) SE COR TRANS PAD 24.28' 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 w/ 4" AB-3

TP Top of Pavement
TS Top of Sidewalk

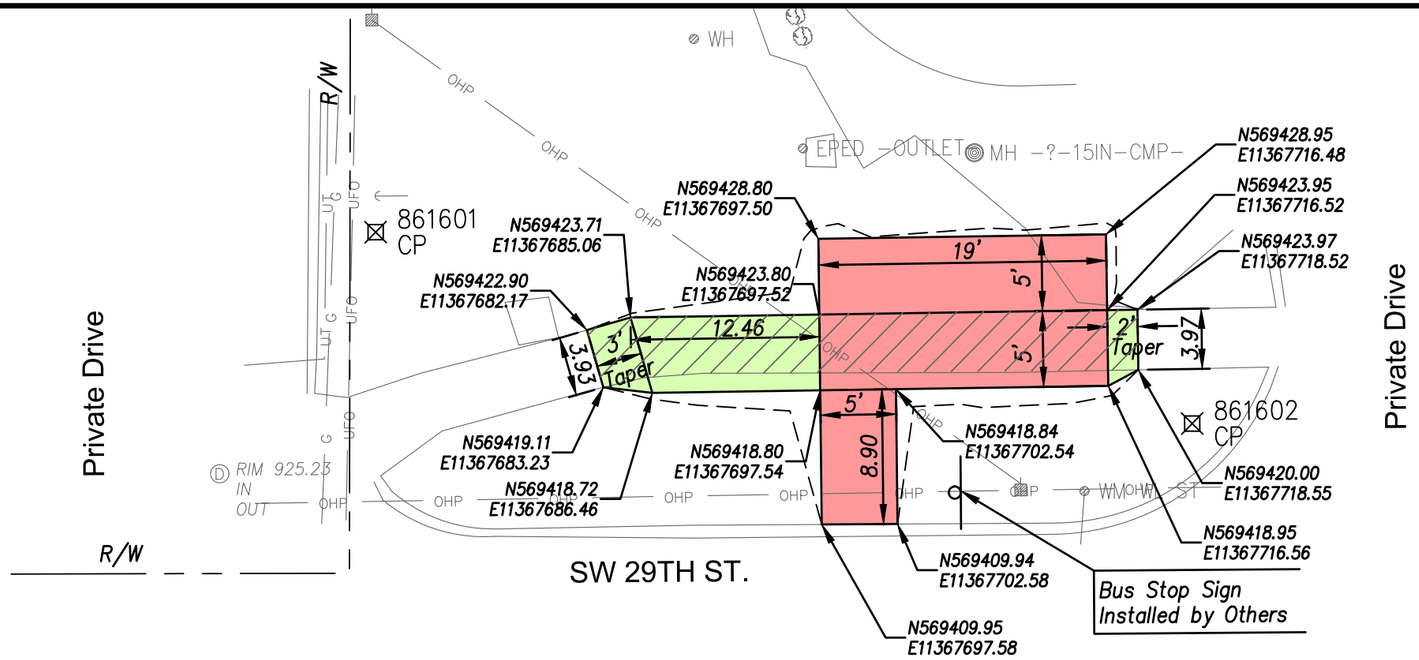
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

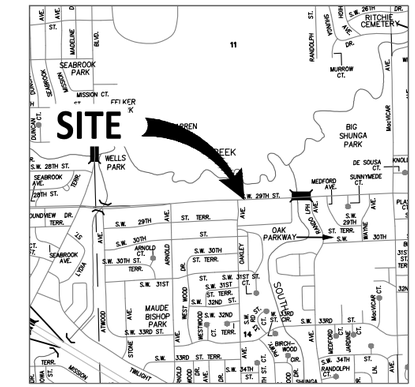
SW HUNTOON ST. @ SW BELLE TER. (OB)(MBN)
(Bench, Trash Can & Bike Rack)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Huntoon & Belle Ter., 3/6/2020 4:49:20 PM





VICINITY MAP
NO SCALE

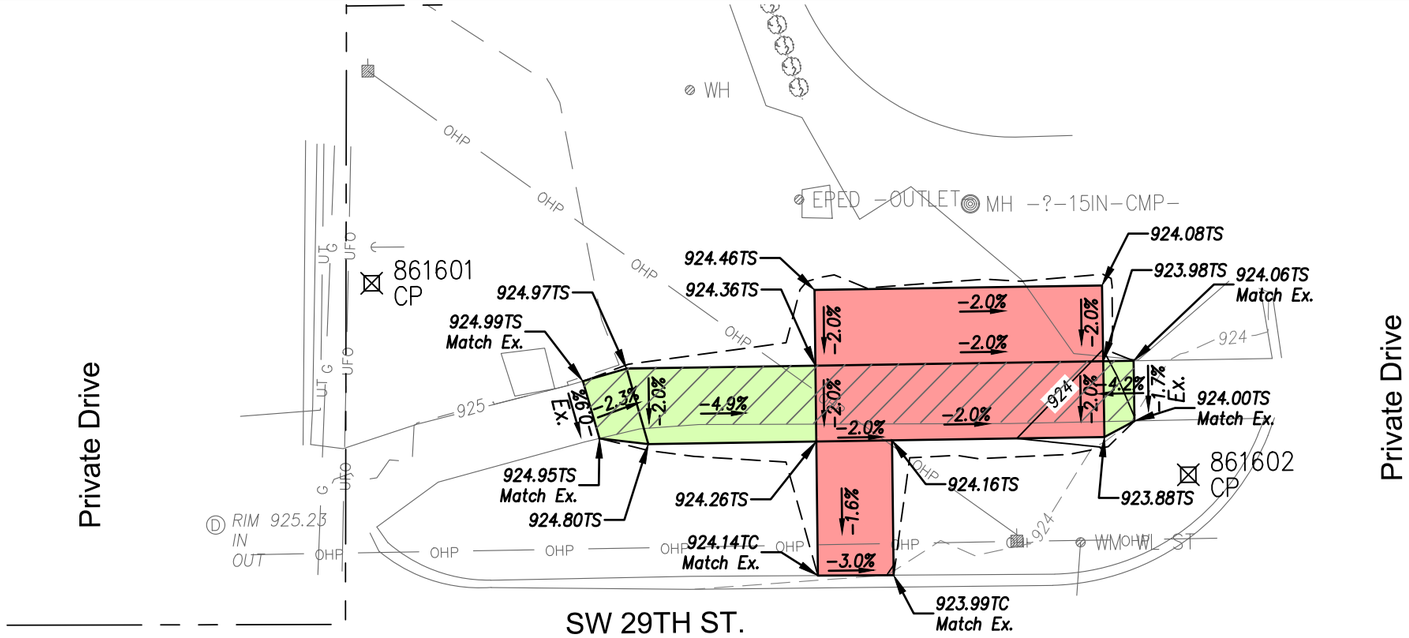
CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 861601 SET ½" REBAR W/CAP (CFS CONTROL)
N:569429.468 E:11367668.284 EL:925.52

1)	℄ EAST ENTR TO SOUTHWEST GALLERY	17.0' W
2)	B/C EAST SIDE ENTR SOUTHWEST GALLERY	3.73' W
3)	SOUTH FACE PP	13.98' N

CP 861602 SET ½" REBAR W/CAP (CFS CONTROL)
N:569416.423 E:11367722.078 EL:923.97

1)	℄ ENTR VACANT BLDG (MCDONALDS)	27.0' E
2)	EAST FACE PP	12.13' WSW
3)	B/C @ NORTH SIDE WALK	9.46' NNE



SCALE: 1"=10'
10 0 10 20

LEGEND

- 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

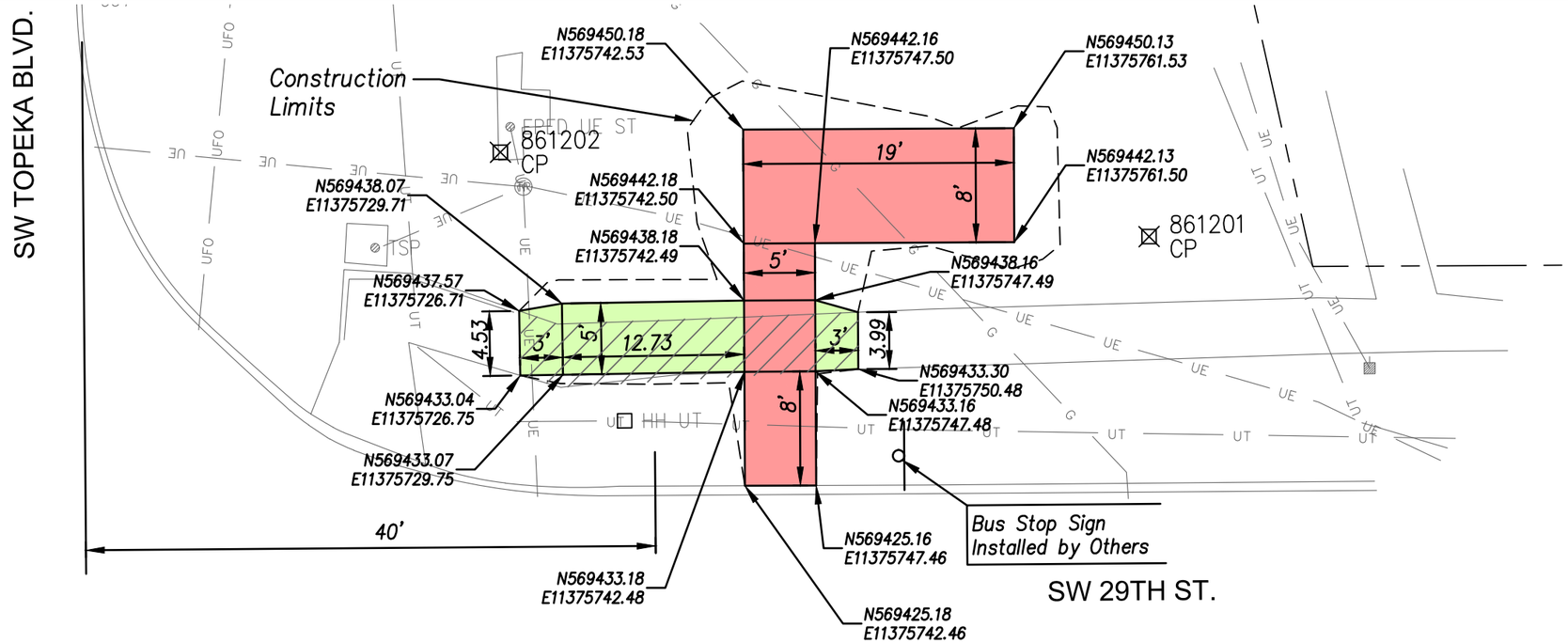
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

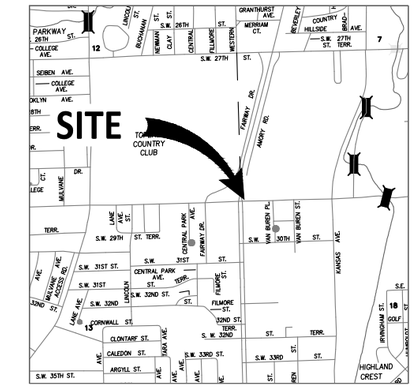
SW 29TH ST. @ SW OAKLEY AVE. (OB)(MBN)
(Bench, Trash Can & Bike Rack)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, 29th &Oakley, 3/6/2020 4:51:46 PM



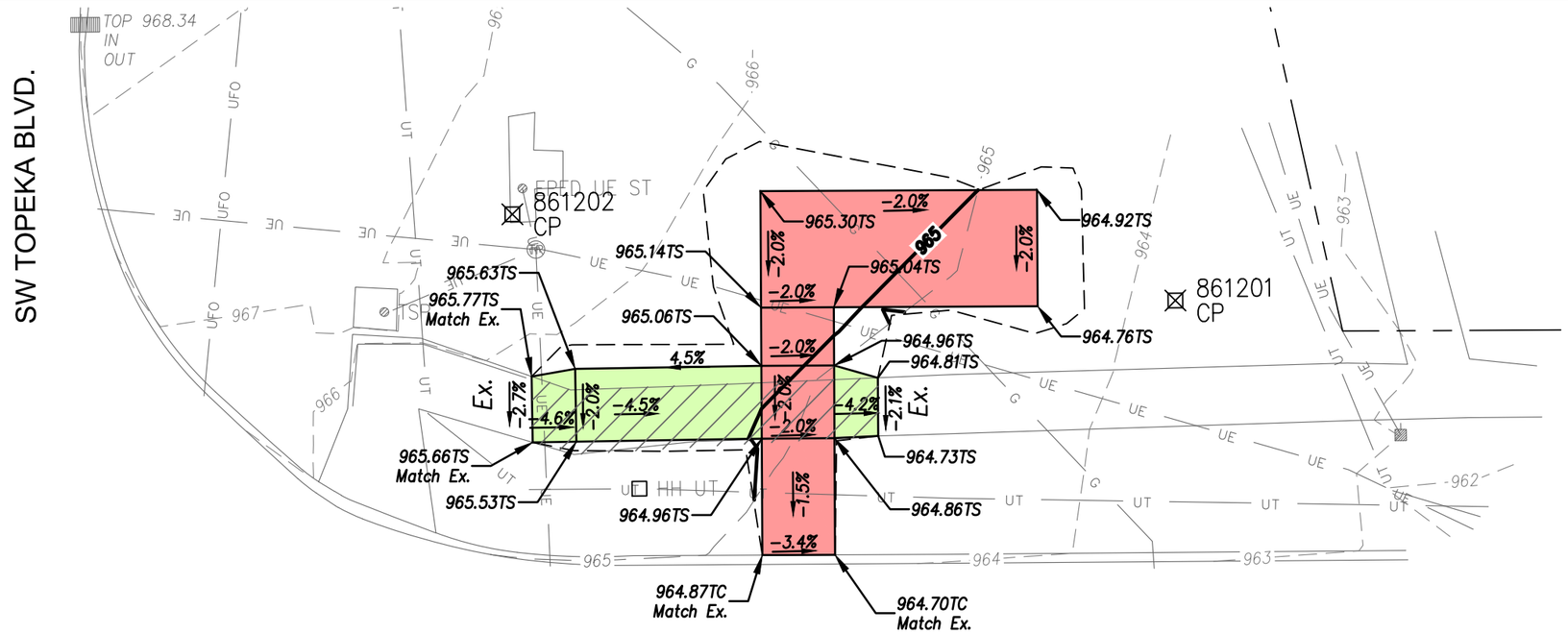


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 861201 SET ½" REBAR W/CAP (CFS CONTROL)
N:569442.450 E:11375770.966 EL:964.11
1) NORTH EDGE WALK SOUTH SIDE 29TH 4.57' S
2) SW COR SPANGLES SGN 21.05' ENE
3) WALK PI N-W 16.5' ESE

CP 861202 SET ½" REBAR W/CAP (CFS CONTROL)
N:569448.722 E:11375725.474 EL:966.69
1) SW COR PAD 0.74' SW
2) SE COR PAD 1.62' ESE
3) NE COR SIG POLE BASE 9.34' 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 w/ 4" AB-3

TP Top of Pavement
TS Top of Sidewalk

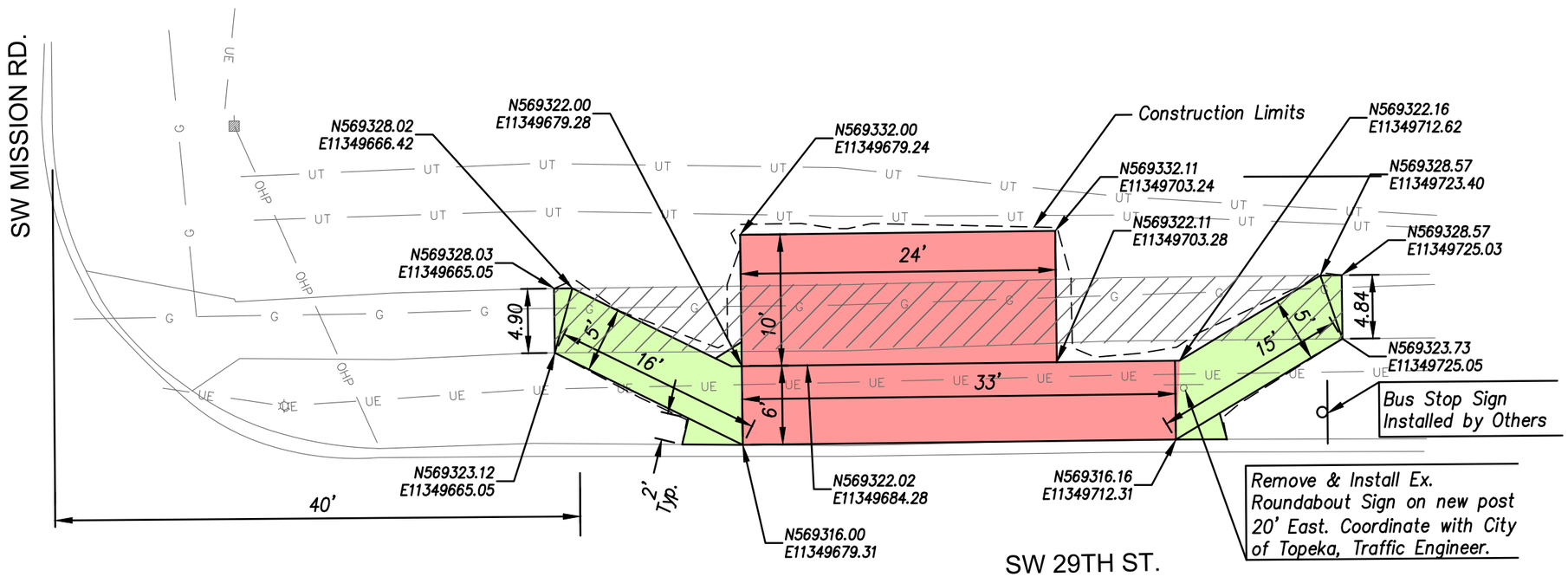
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

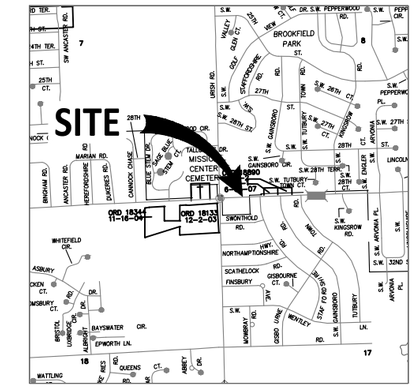
SW 29TH ST. @
SW TOPEKA BLVD. (OB)(NE)
(Bench, Trash Can & Bike Rack)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, 29th & Topeka, 3/6/2020 4:50:51 PM



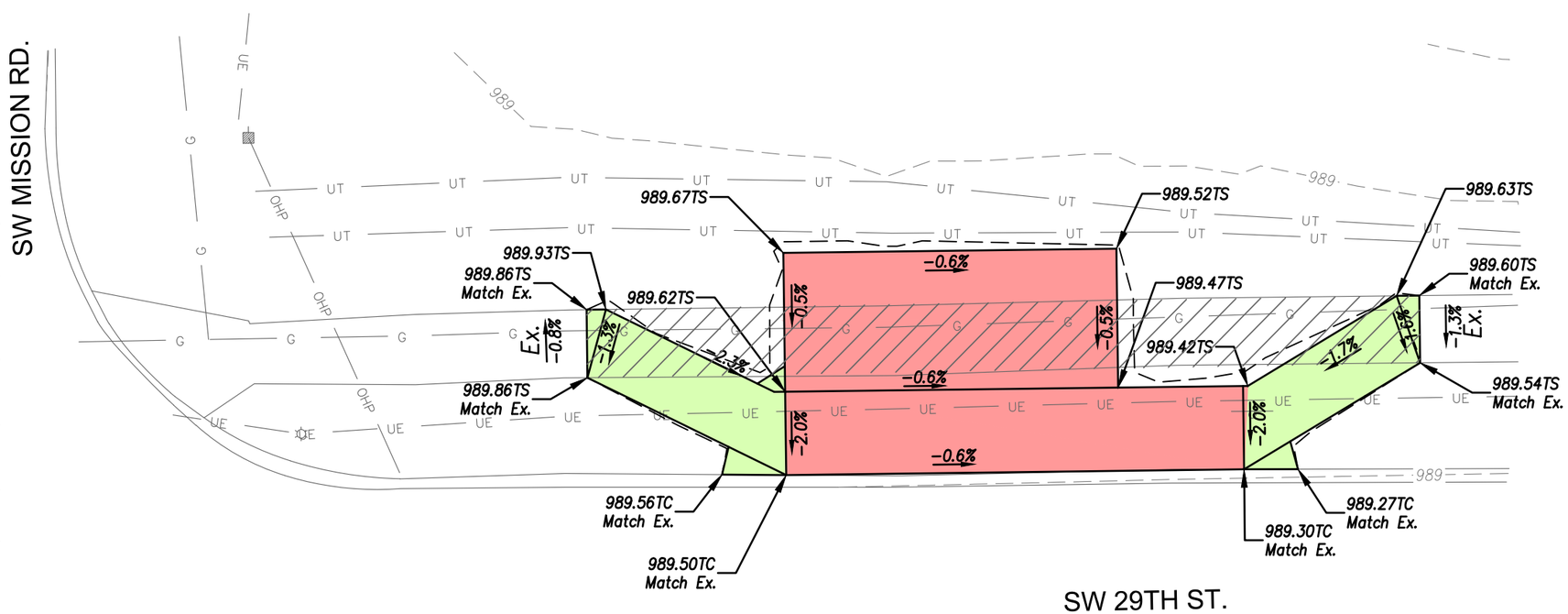


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 867801 SET ½" REBAR W/CAP (CFS CONTROL)
N: 569231.658 E: 11349601.230 EL: 989.83
1) EDGE WALK SOUTH SIDE 29TH ST 10.06' N
2) B/C NNE COR COTTON O NEIL PARK LOT 9.15' NW
3) NORTH FACE 2' DIA CONC LP BASE 7.15' SSW

CP 867802 SET ½" REBAR W/CAP (CFS CONTROL)
N: 569240.017 E: 11349660.999 EL: 989.75
1) EDGE WALK SOUTH SIDE 29TH ST 1.5' N
2) NW COR HEADWALL 12.09' WSW
3) WEST FACE PP 31.4' E



SCALE: 1"=10'
10 0 10 20

LEGEND

- 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

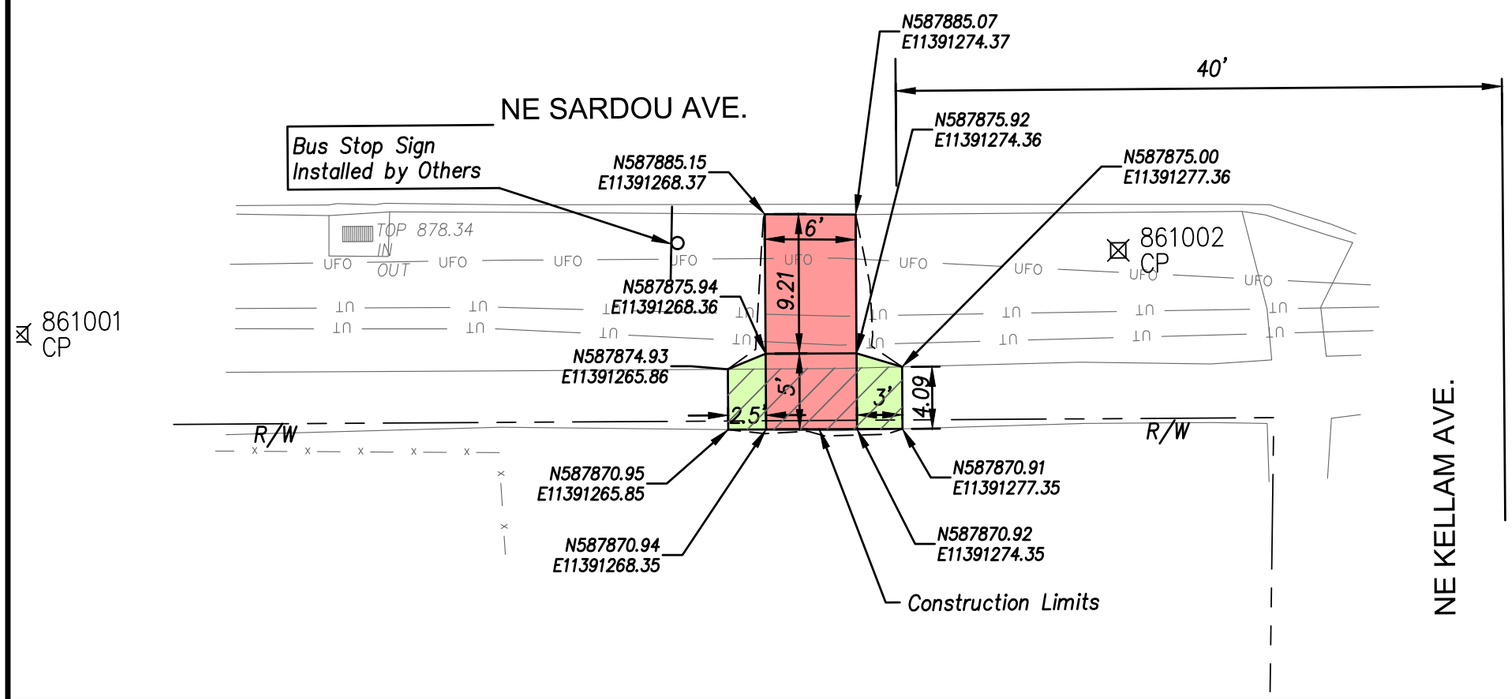
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

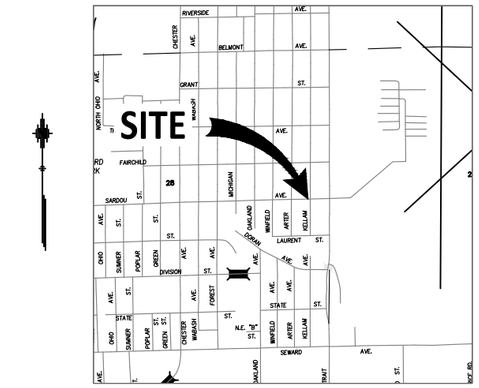
SW 29TH ST. @
SW URISH RD (OB)(NE)
(Shelter, Trash Can & Bike Rack)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, 29th & Urish OB, 3/6/2020 4:50:00 PM



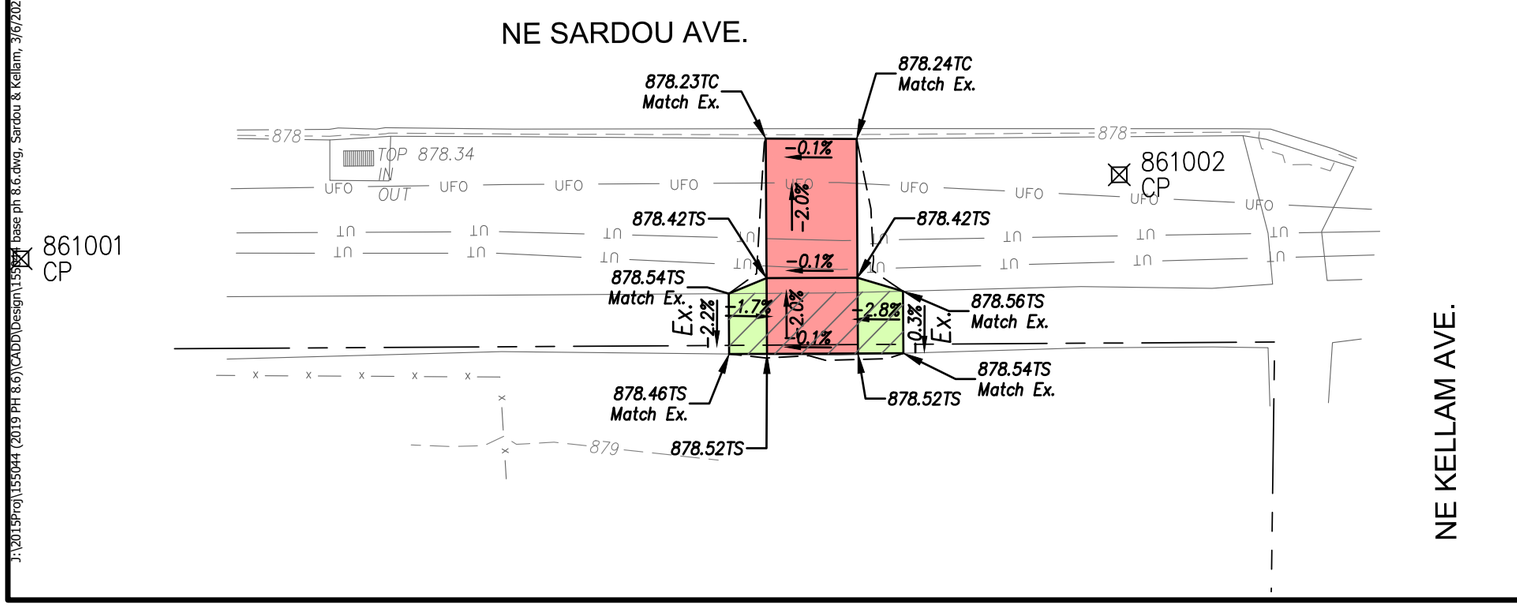


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 861001 SET ½" REBAR W/CAP (CFS CONTROL)
N:587877.587 E:11391219.173 EL:878.52
1) B/C SOUTH SIDE SARDOU 7.9' N
2) NORTH EDGE WALK 2.45' S
3) SW COR CURB INLET 21.02' ESE

CP 861002 SET ½" REBAR W/CAP (CFS CONTROL)
N:587882.578 E:11391291.683 EL:878.22
1) B/C SOUTH SIDE SARDOU 2.6' N
2) NORTH FACE FIBER OPTIC SGN 1.82' S
3) WALK PI N-W 12.65' 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 w/ 4" AB-3

TP Top of Pavement
TS Top of Sidewalk

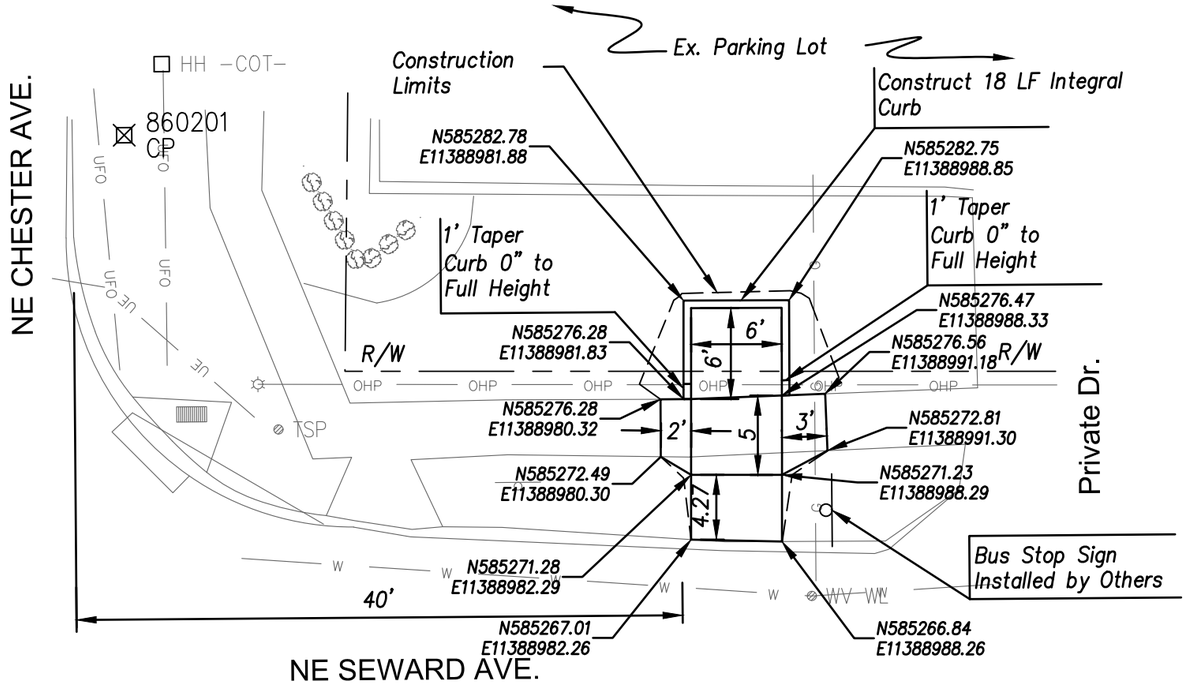
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

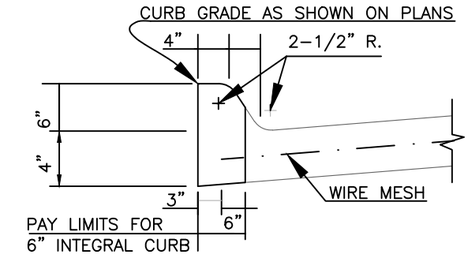
NE SADROU AVE. @
NE KELLAM AVE. (IB)(SW)
(Standing Pad)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Sardou & Kellam, 3/6/2020 4:50:27 PM





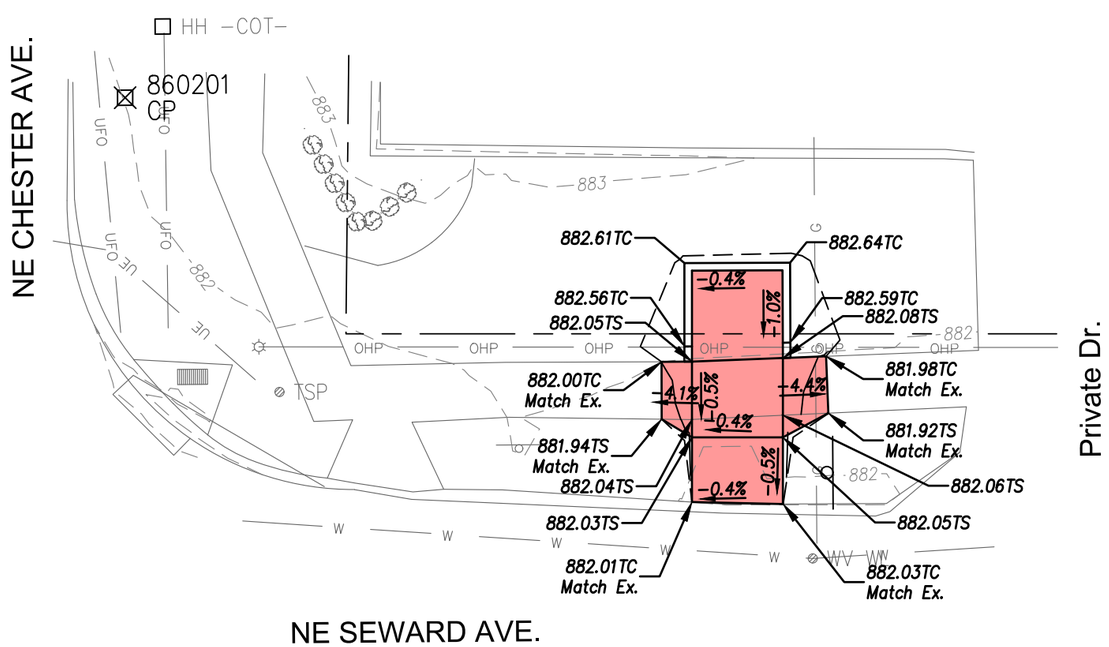
INTEGRAL CURB

VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 860201 SET ½" REBAR W/CAP (CFS CONTROL)
N: 585293.974 E: 11388945.057 EL: 882.14
1) B/C EAST SIDE CHESTER 3.35' W
2) SW COR CAP FED BANK SGN 12.87' ENE
3) NE COR INLET 16.75' SSE

CP 860202 SET ½" REBAR W/CAP (CFS CONTROL)
N: 585279.140 E: 11389033.257 EL: 882.14
1) ℄ ENTR CAP FED BANK 17.5' W
2) RR SPIKE IN PP 6.97' ESE
3) NE COR CONC ENTR CAP FED BANK 8.54' 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 w/ 4" AB-3

TP Top of Pavement
TS Top of Sidewalk

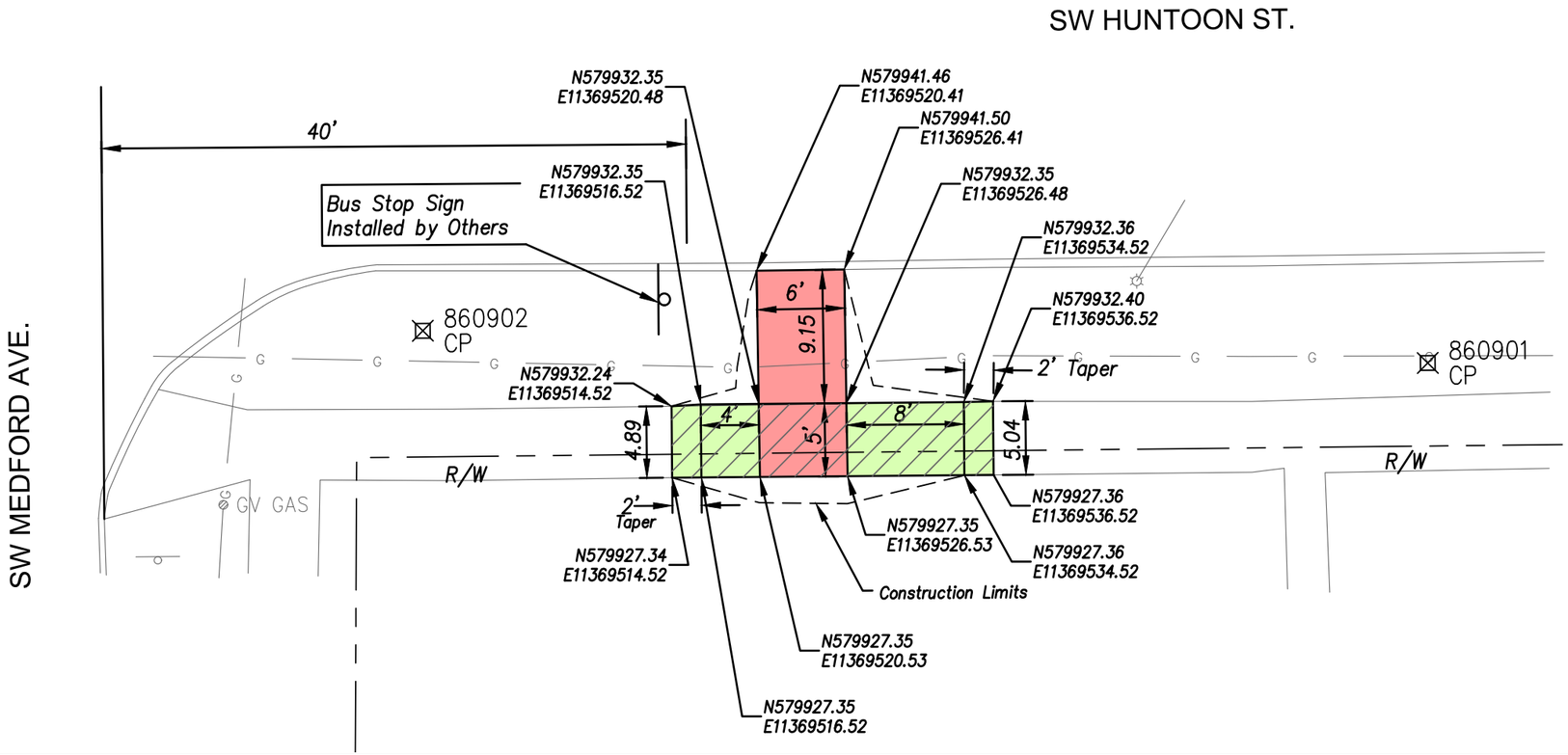
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

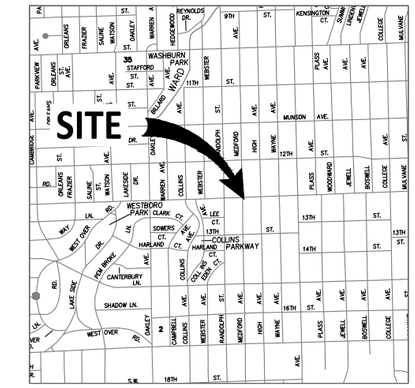
NE SEWARD AVE. @
NE CHESTER AVE. (IB)(NE)
(Standing Pad & Bike Rack)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Seward @Chester, 3/9/2020 8:15:49 AM



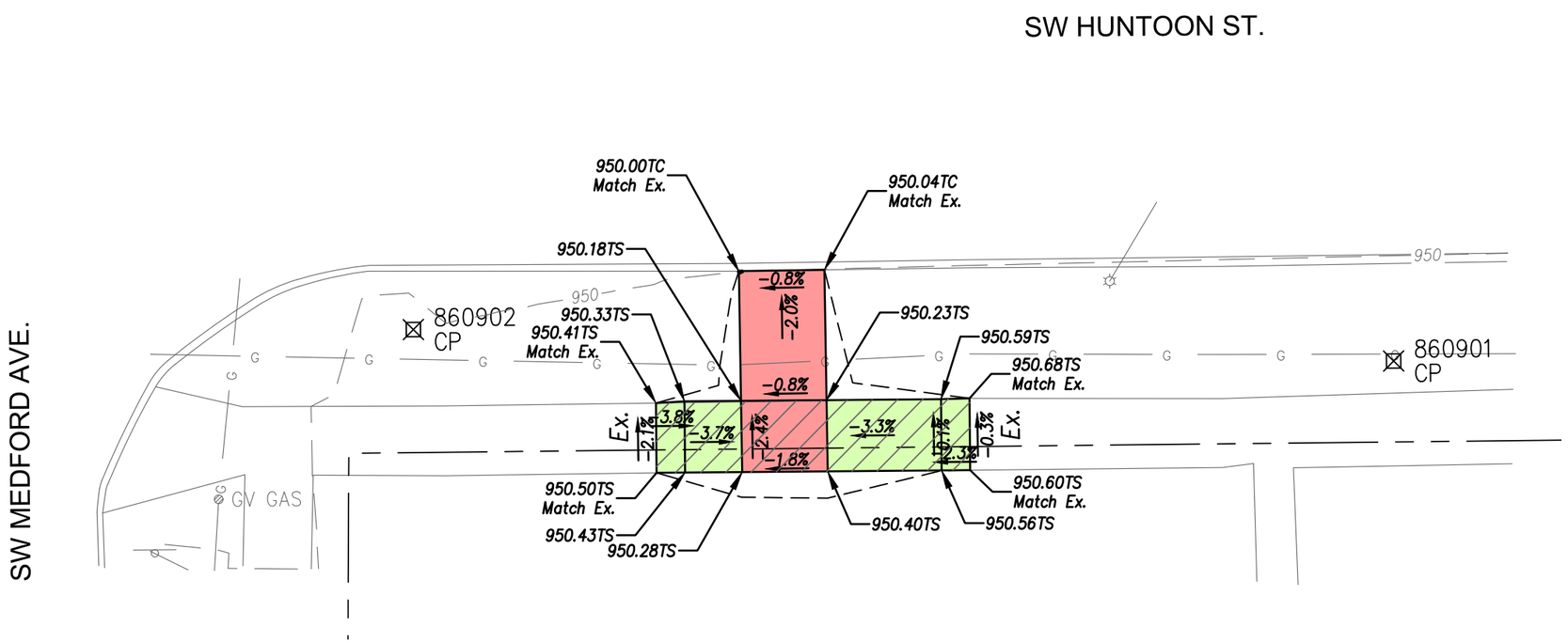


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 860901 SET ½" REBAR W/CAP (CFS CONTROL)
N: 579934.798 E: 11369566.288 EL: 950.80
1) B/C SOUTH SIDE HUNTOON 6.9' N
2) EAST FACE LP 20.7' WNW
3) NORTH EDGE WALK 2.33' S

CP 860902 SET ½" REBAR W/CAP (CFS CONTROL)
N: 579937.530 E: 11369497.534 EL: 950.30
1) B/C SOUTH SIDE HUNTOON 4.0' N
2) ℄ MEDFORD 32.0' W
3) WALK PI E-S 12.4' 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 w/ 4" AB-3

TP Top of Pavement
TS Top of Sidewalk

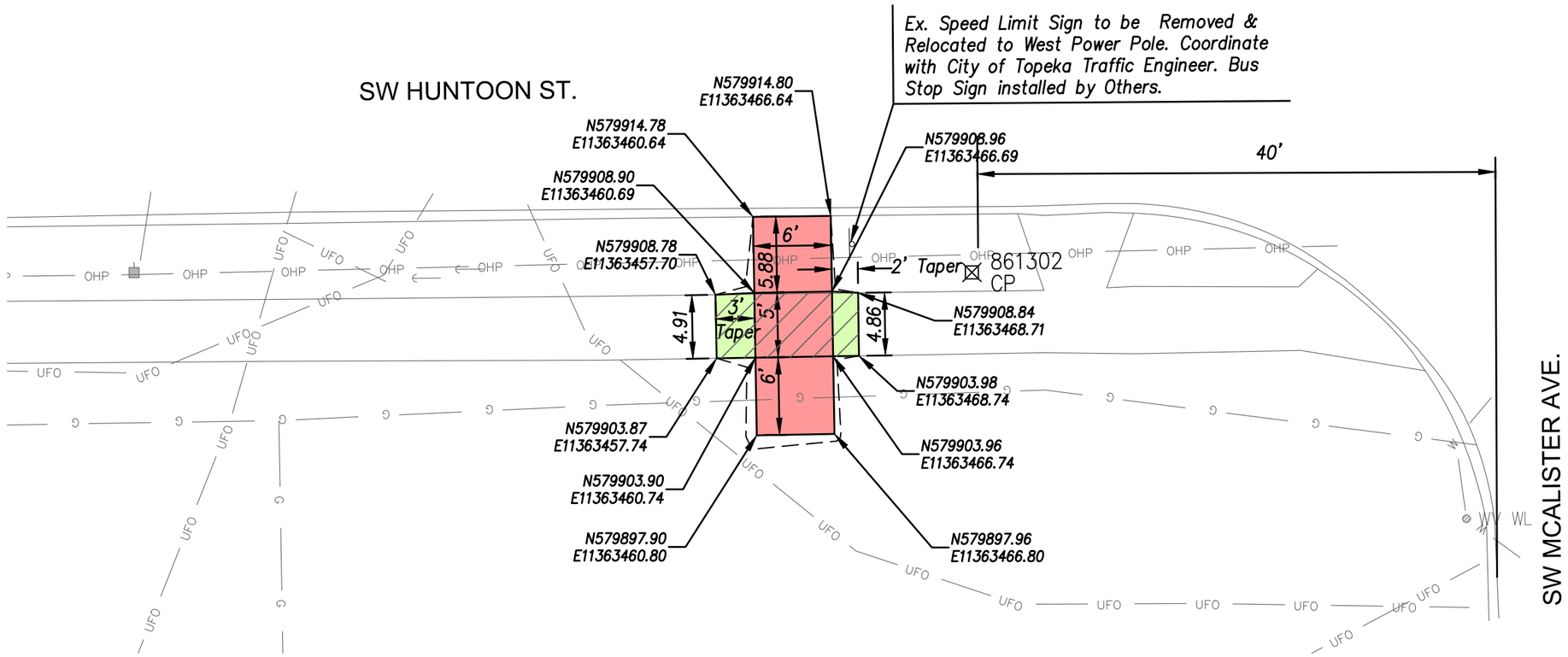
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

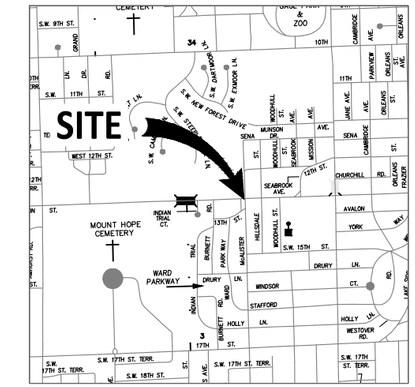
SW HUNTOON ST. @ SW MEDFORD AVE. (IB)(SE)
(Standing Pad)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Huntoon & Medford, 3/6/2020 4:50:17 PM





VICINITY MAP
NO SCALE

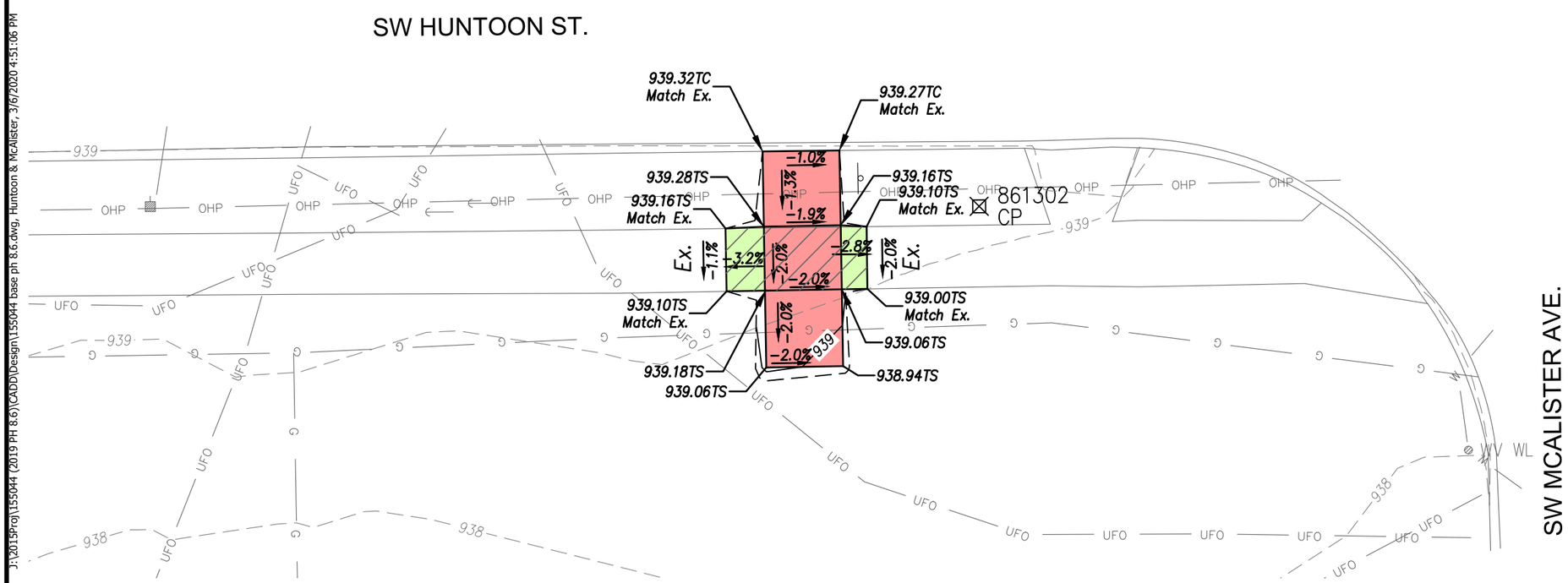
CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 861301 SET ½" REBAR W/CAP (CFS CONTROL)
N: 579900.084 E: 11363365.789 EL: 939.19

1)	SOUTH EDGE WALK SOUTH SIDE HUNTOON	3.48' N
2)	WEST FACE PP	48.2' ENE
3)	℄ MCCALISTER	168.0' E

CP 861302 SET ½" REBAR W/CAP (CFS CONTROL)
N: 579910.358 E: 11363477.513 EL: 939.08

1)	NORTH EDGE WALK SOUTH SIDE HUNTOON	1.3' S
2)	℄ MCCALISTER	57.0' E
3)	WALK PI N-W	5.35' E



SCALE: 1"=10'
10 0 10 20

LEGEND

- 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

Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.
2. Remove and reset existing speed limit sign west of utility pole. Coordinate with the City of Topeka Traffic Engineer.

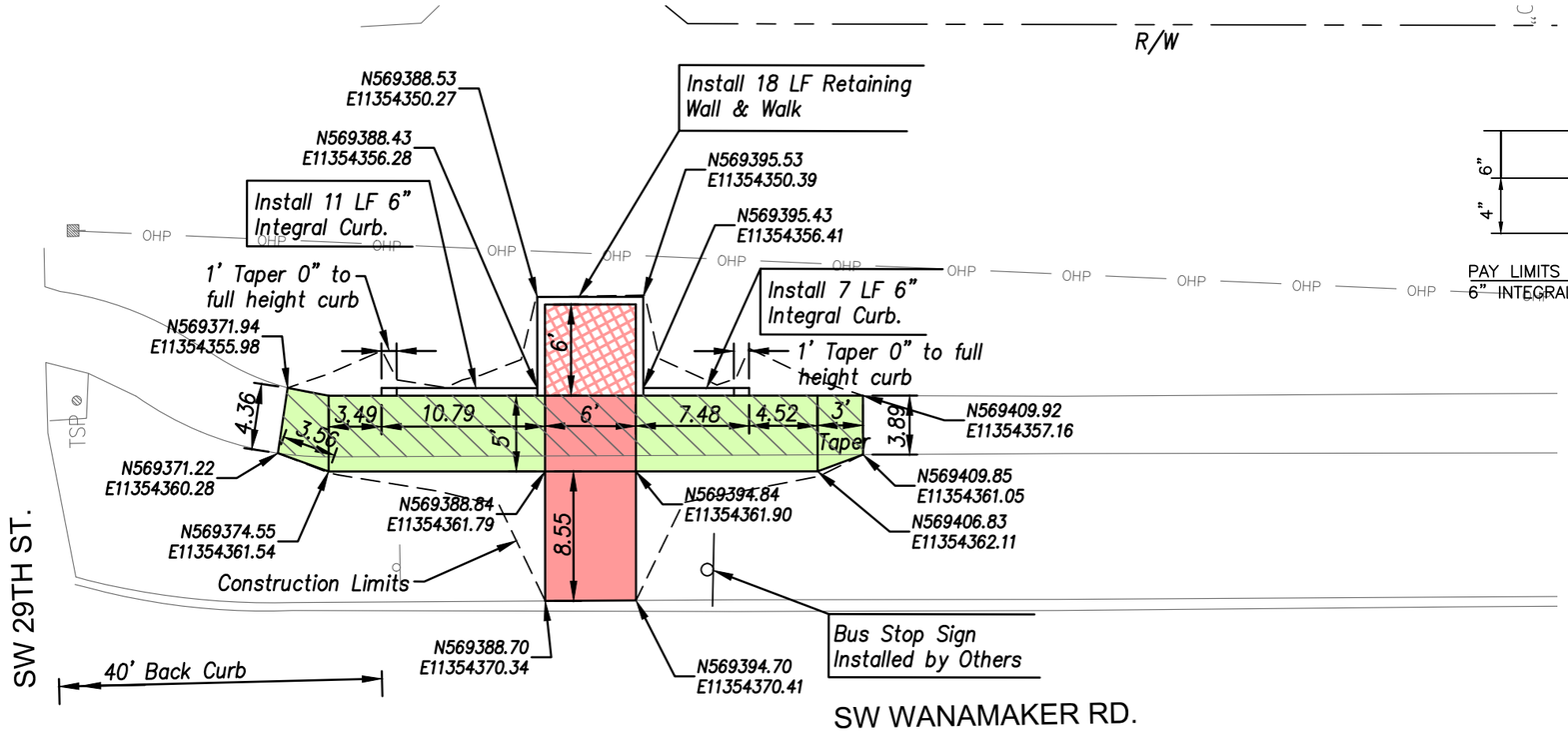
SW HUNTOON ST. @ SW MCALISTER (IB)(SW)

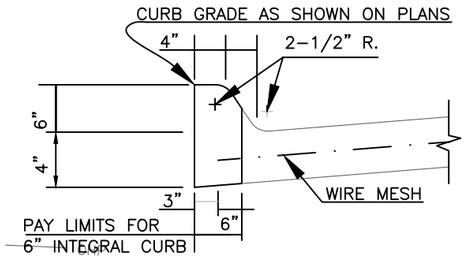
(Standing Pad & Bike Rack)

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

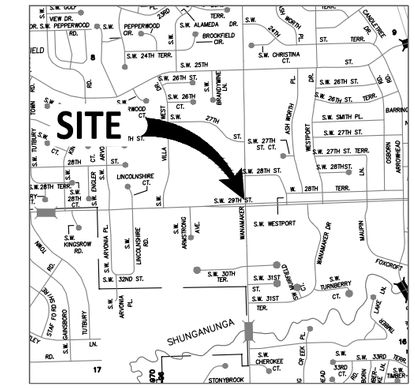
NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Huntoon & McAlister, 3/6/2020 4:51:06 PM





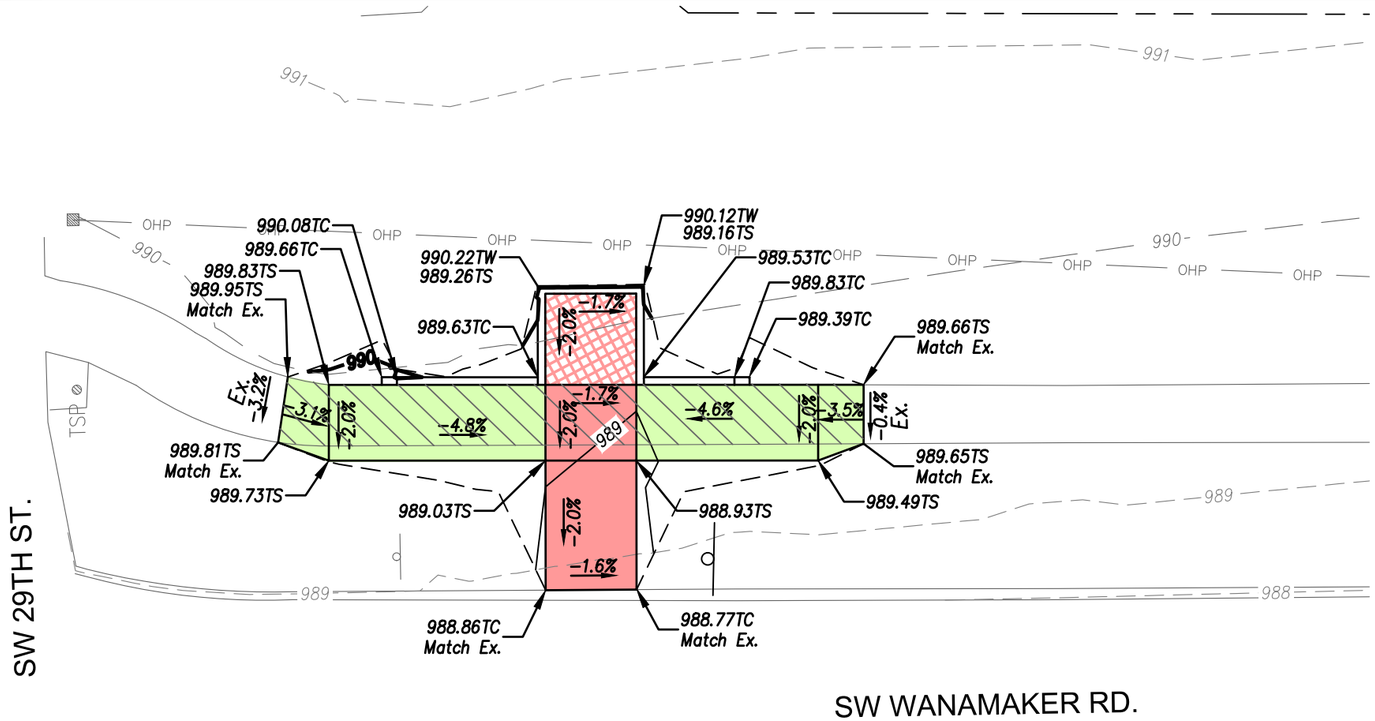
INTEGRAL CURB

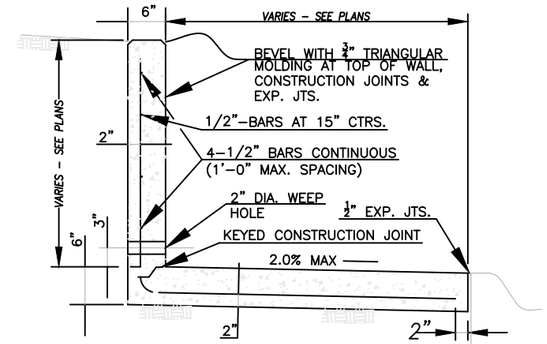


VICINITY MAP
NO SCALE

CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 860303 SET ½" REBAR W/CAP (CFS CONTROL)
N: 569485.061 E: 11354354.812 EL: 989.30
1) B/C WEST SIDE WANAMAKER 16.89' E
2) SE FACE PP 5.70' NNW
3) ℄ ATT TEL MH 21.03' SE





RETAINING WALL & WALK DETAILS

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.

SCALE: 1"=10'
10 0 10 20

LEGEND

- Construct Reinforced Conc. Pad (Combined Retaining Wall & Walk)
- 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

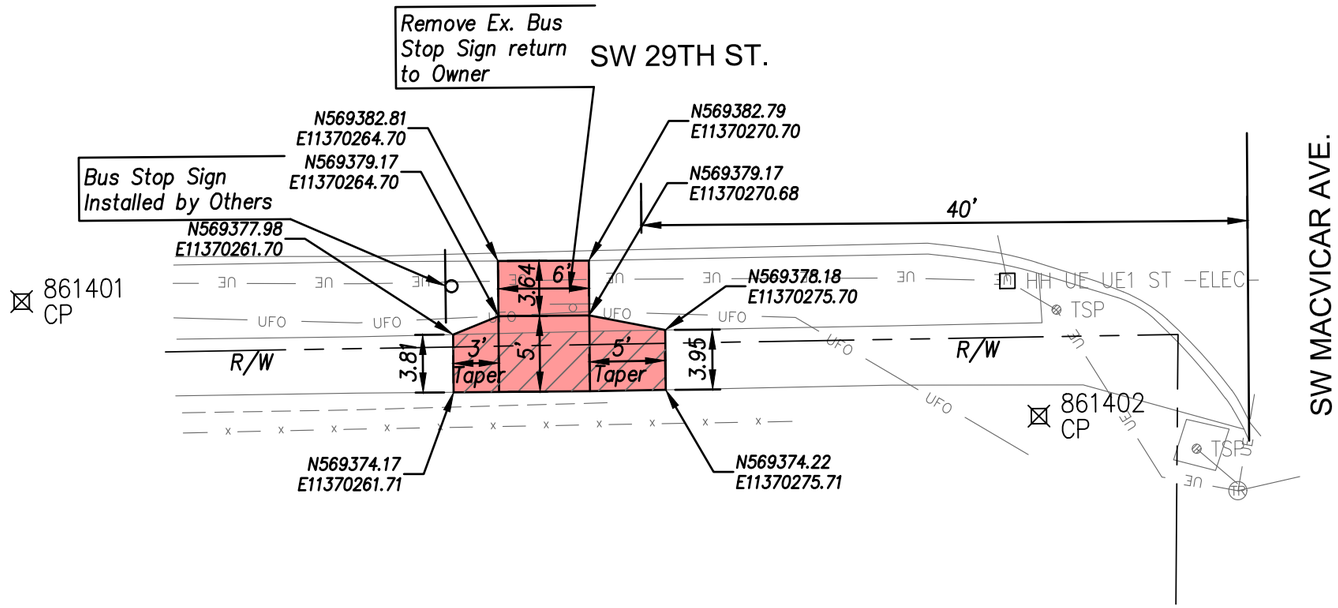
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

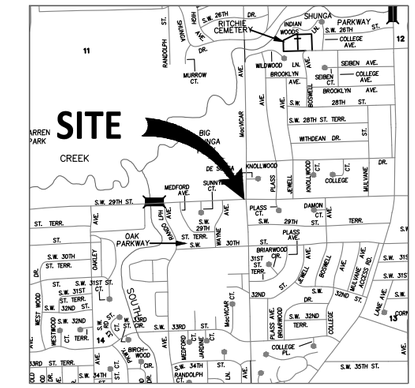
SW WANAMAKER DR. @ SW 29th ST. (OB)(NW)
(Standing Pad & Bike Rack)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, Wanamaker & 29th, 3/6/2020 4:48:49 PM





VICINITY MAP
NO SCALE

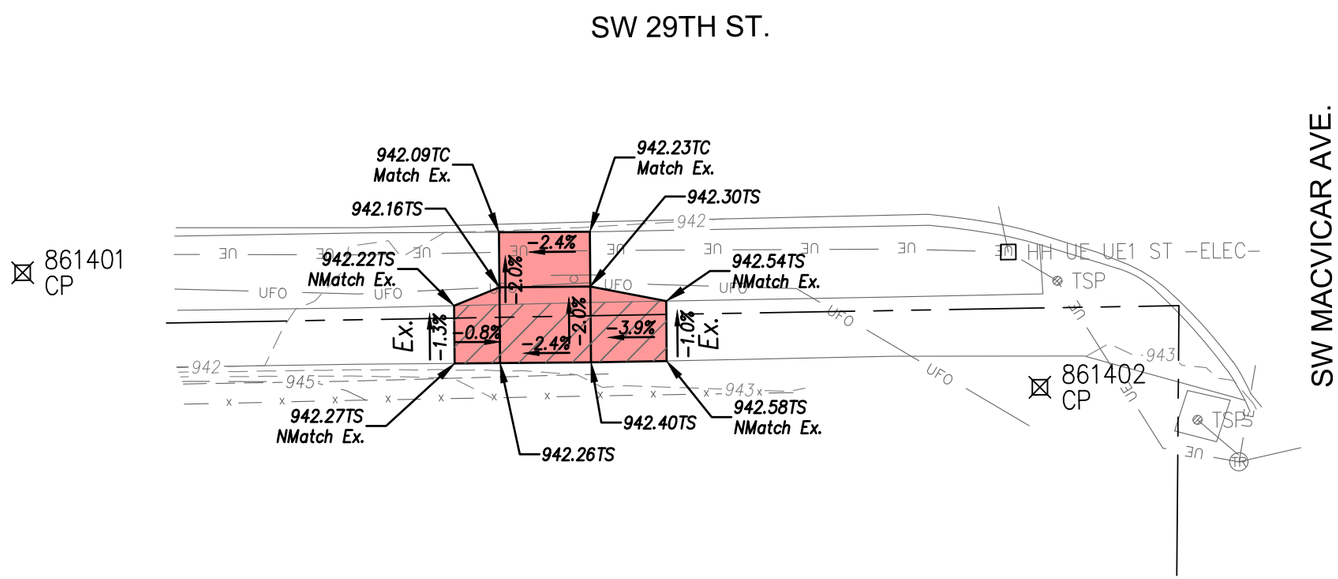
CONTROL:
NAD 83 KRCS ZONE 11
NAVD 88

CP 861401 SET ½" REBAR W/CAP (CFS CONTROL)
N: 569380.375 E: 11370233.249 EL: 941.73

1)	NORTH FACE RET WALL	6.28' S
2)	NE COR RET WALL	39.06' ESE
3)	SW COR BUS STOP SGN POST	36.38' E

CP 861402 SET ½" REBAR W/CAP (CFS CONTROL)
N: 569372.302 E: 11370300.322 EL: 943.13

1)	WALK PI W-N	6.17' N
2)	SOUTH FACE WALK SIG BUTTON POST	7.12' NNE
3)	NE COR SIG POLE BASE	9.74' E



SCALE: 1"=10'
10 0 10 20

LEGEND

- 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

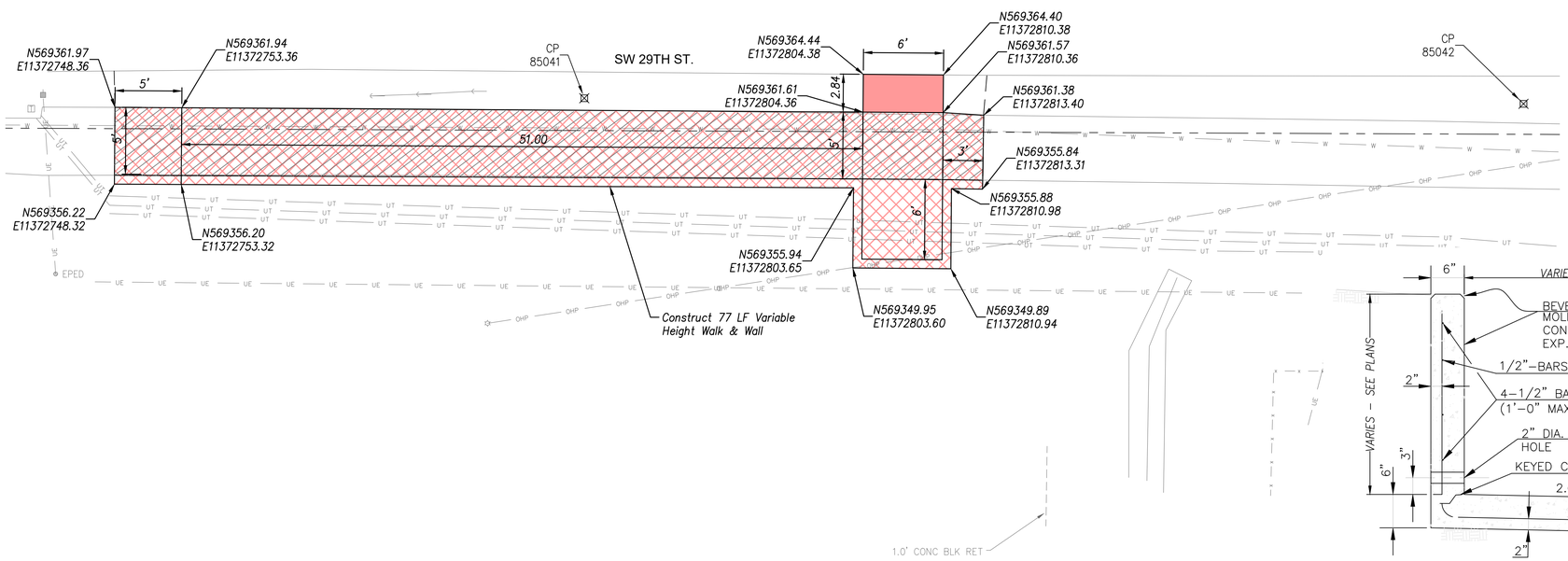
Note:
1. All grading side slopes shall be a 6:1 unless noted on plan.

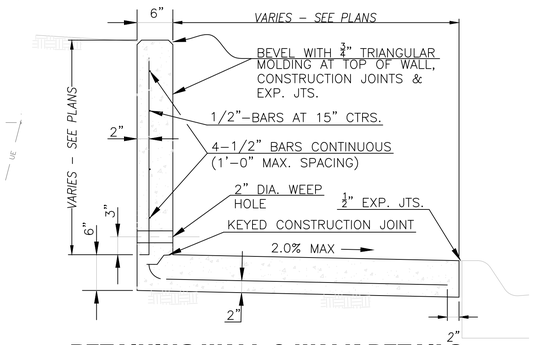
SW 29TH ST. @ SW MACVICAR AVE. (IB)(SW)
(Standing Pad)

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

NOTE: TMTA, Phase 8.6	
CFS PROJECT # 15-5044	DATE: 12/17/19
PROJECT MANAGER: KH	SHEET OF

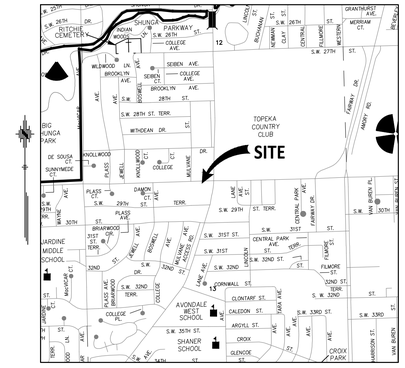
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg
J:\2015Proj\155044 (2019 PH 8.6)\CADD\Design\155044 base ph 8.6.dwg, 29th & MacVicar, 3/6/2020 4:51:21 PM





RETAINING WALL & WALK DETAILS

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.



VICINITY MAP

NO SCALE

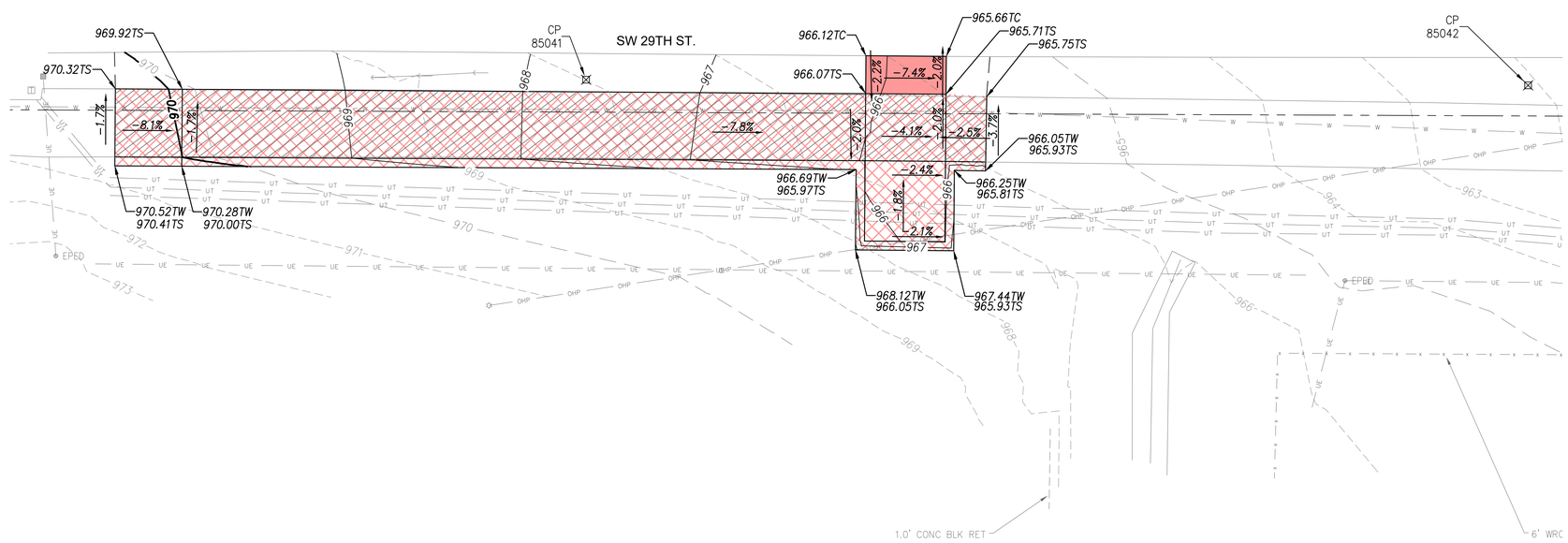
155044 CONTROL TMTA PH 8.5
NAD 83 KRCS ZONE 11
NAVD 88

CP 85041 SET ½" REBAR W/CAP (CFS CONTROL)
N: 569362.653 E: 11372783.495 EL: 968.16

1) TO SOUTH B/C 29TH ST	2.0' N
2) TO NORTH EDGE E–W WALK	0.7' S
3) TO GUY WIRE	8.2' W

CP 85042 SET ½" REBAR W/CAP (CFS CONTROL)
N: 569362.233 E: 11372853.809 EL: 962.06

1) TO SOUTH B/C 29TH ST	2.0' N
2) TO NORTH EDGE E–W WALK	1.4' S
3) TO KEY FH	22.4' ESE



SCALE: 1"=5'

5 0 5 10

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 29TH ST. @ SW BURLINGAME RD.

(Standing Pad & Bike Rack)

CITY OF TOPEKA SHAWNEE CO., KS

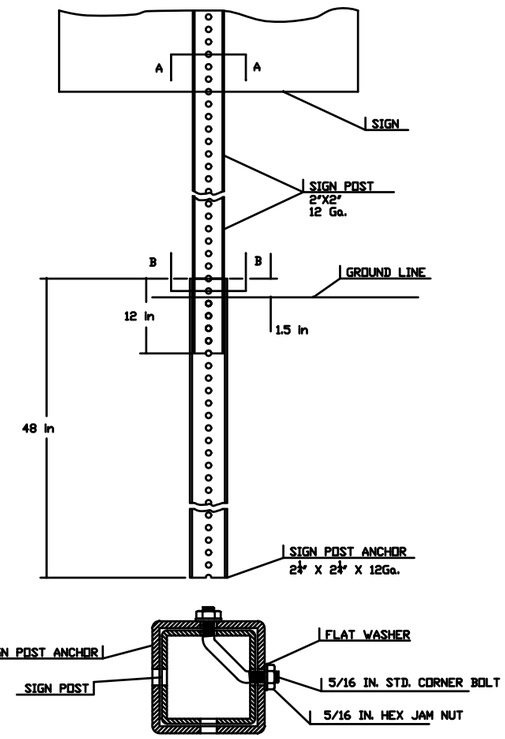
CFS ENGINEERS
cfse.com
2930 SW Woodside Dr. Topeka, KS 66614
o: 785-272-4706 f: 785-272-4736

NOTE: TMTA , PHASE 8.5	
CFS PROJECT # 15-5044	DATE: 04/2019
PROJECT MANAGER: KH	SHEET 1 OF 1

J:\2015\Proj\155044 (2019 PH 8.5)\CADD\Design\155044BAZ Ph 8.5-Aug_29th & Burlingame SW, 4/23/2019 1:15:34 PM

SIGN QUANTITIES

QUANTITY	SIGN TYPE	SIGN SIZE (in^2)	DESIGN DETAILS (AS REQUIRED)



SECTION B-B

DETAILS FOR 2 IN. SIGN POST

GENERAL NOTES

SIGN POSTS, POST ANCHORS, AND POST ANCHOR SLEEVES:
THE SIGN POSTS, POST ANCHORS, AND POST ANCHOR SLEEVES SHALL CONFORM TO (1) HOT ROLLED CARBON STEEL ASTM A-570 GRADE 33 OR ASTM STRUCTURAL QUALITY C 1021 WITH A HOT-DIPPED GALVANIZING CONFORMING TO AASHTO M-120 WITH AN INLINE SYSTEM FOLLOWED BY A CHROMATE CONVERSION AND A CROSS-LINKED POLYURETHANE ACRYLIC EXTERIOR COATING OR (2) A GALVANIZED FINISH COLD ROLLED CARBON STEEL ASTM A-446 GRADE A WITH A GALVANIZING CONFORMING TO ASTM A-525, DESIGNATION G-90.

THE SIGN POST SHALL HAVE 3/8 IN. DIA. HOLES OR 3/8 IN. DIA. EMBOSSED RING (DIE-CUT KNOCKOUTS) AT 1 IN. CENTERS ON ALL FOUR SIDES FOR TOTAL LENGTH OF POST.

THE POST ANCHOR AND POST ANCHOR SLEEVE MAY BE FURNISHED WITHOUT THE BOLT HOLES ON ALL FOUR SIDES WITH THE EXCEPTION OF THE HOLES IMMEDIATELY ABOVE THE GROUND LINE.

ALL HOLES SHALL BE DRILLED OR PUNCHED AND ALL WELDS, CUTS, BURRS, AND SHARP EDGES ARE TO BE SMOOTHED OFF BEFORE APPLICATION OF FINISH.

FASTENING ACCESSORIES:
THE BOLTS, NUTS, AND WASHERS SHALL COMPLY WITH SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION (2007 EDITION).

THE BOLTS, NUTS, AND WASHERS SHALL BE BID SUBSIDIARY

IN ALL INSTALLATIONS, THE FIRST HOLE ABOVE THE GROUND LINE ON THE SIGN POST, POST ANCHOR, AND POST ANCHOR SLEEVE (IF REQUIRED) MUST BE IN LINE FOR INSERTION OF THE CORNER BOLT.

FOR OBJECT MARKERS, THE SIGN POST ANCHOR MAY BE REDUCED TO 1¾" X 1¾" X 2' AND THE SIGN POST REDUCED TO 1½" X 1½". LINE FOR INSERTION OF THE CORNER BOLT.

IN BUSINESS, COMMERCIAL, AND RESIDENTIAL DISTRICTS WHERE PARKING AND/OR PEDESTRIAN MOVEMENT IS LIKELY TO OCCUR OR WHERE THERE ARE OTHER OBSTRUCTIONS TO VIEW, THE VERTICAL CLEARANCE TO THE BOTTOM OF THE SIGN SHALL BE AT LEAST 7 FT, WITH A MINIMUM LATERAL CLEARANCE OF 24 IN.

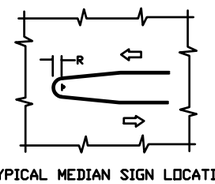
DESIGN DETAILS (COLOR, LETTER HEIGHT, LETTER SERIES) FOR SIGNS SHALL BE AS SHOWN IN THE STANDARD HIGHWAY SIGNS MANUAL (LATEST EDITION) UNLESS OTHER DETAILS ARE SHOWN IN THE PLAN. THE TYPE OF ADHESIVE USED FOR RETROREFLECTIVE SHEETING SHALL BE HEAT ACTIVATED OR PRESSURE SENSITIVE.

ALL SHEETING SHALLBE HIGH PERFORMANCE SUCH AS HIGH INTENSITY PRISMATIC OR VIP DIAMOND CUBED.

NO SCREEN PROCESS SIGNS.

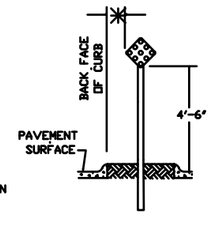
SHEETING SHALL BE REFLECTIVE WITH A TRANSLUCENT ELECTRA CUT MATERIALWITH THE LEGEND CUT OUT.

THE THICKNESS FOR ALL ALUMINUM BLANKS FOR SIGNS 30" x 30" OR LESS SHALL BE .080". THE THICKNESS FOR SIGNS OVER 30" x 30" SHALL BE .100". THE THICKNESS FOR ALL STREET NAME SIGNS SHALL BE .125".

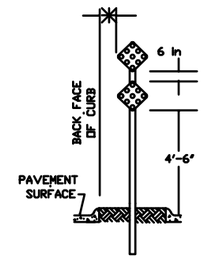


TYPICAL MEDIAN SIGN LOCATION

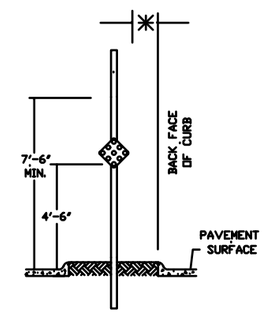
✳NOTE: A RAISED MEDIAN INSTALLED SIGN SHALL NOT EXTEND BEYOND THE BACK FACE OF CURB. NORMAL CLEARANCE SHOULD BE 24 in FROM SIGN EDGE TO BACK FACE OF CURB.



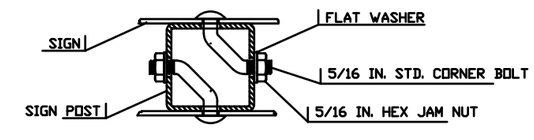
MEDIAN INSTALLED ONE T1/DM



MEDIAN INSTALLED TWO T1/DM



MEDIAN INSTALLED SIGN WITH ONE T1/DM



SECTION A-A

NO.	DATE:	REVISION	BY:	APP'D
3	10/02/08	ADDED SIGN BLANK NOTE TO SHEET	CDR	LGV
2	10/01/08	ADDED SIGN QUANTITES TO SHEET	CDR	LGV
1	10/01/08	REMOVED NOTES NO LONGER NEEDED	CDR	LGV

DRAWN BY: K.PELTON

APP'D BY:

TOPEKA Public Works ENGINEERING
620 SE MADISON St. • 2nd Floor • TOPEKA, KS 66607
Phone: (785) 368-3842 • Fax: (785) 368-3881

STANDARD DETAILS

SIGNING

DATE:
PAGE: OF
DRAWING: DT-112
PROJ.

J:\2015Proj\155044 (2019 PH 8.6)\CADD\DT-112.dwg, DT-112, 3/9/2020 7:56:21 AM

GENERAL NOTES

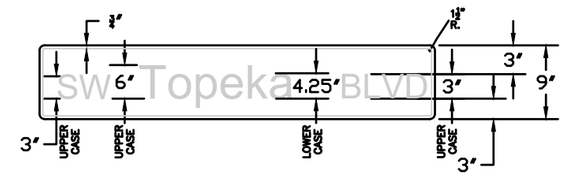
GUARD FENCE: NO SIGN SHALL BE LOCATED BETWEEN 100 FOOT IN ADVANCE OF THE NOSE OF THE GUARD FENCE AND 50 FOOT BEHIND THE NOSE OF THE GUARD FENCE. NO SIGN POST SHALL BE LOCATED CLOSER THAN 5 FOOT FROM THE FACE OF THE GUARD FENCE.

ALL SIGNS SHALL CONFORM TO THE "STANDARD HIGHWAYS SIGNS" BOOK, AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

CONTRACTOR MUST OBTAIN UTILITY LOCATES PRIOR TO INSTALLING ANY SIGN POSTS.

CONTRACTOR MUST SUBMIT SIGN LAYOUTS FOR STREET NAME SIGNS TO CITY TRAFFIC ENGINEER PRIOR TO FABRICATION.

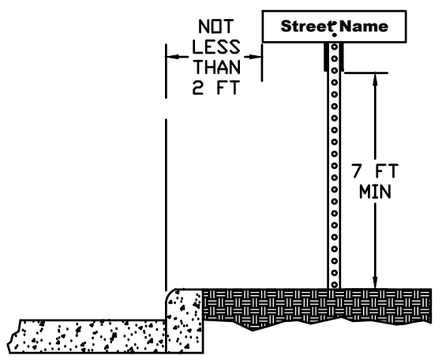
STREET NAME SIGN DETAIL (TYPICAL)



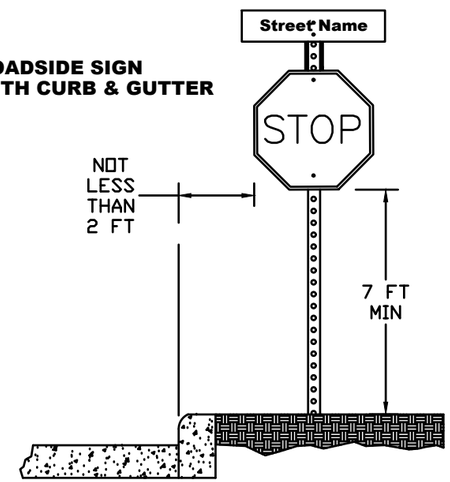
WHITE ON GREEN REFLECTIVE SHEETING.

ON PRIVATE STREETS, THE STREET NAME SIGNS WILL BE BLACK ON WHITE REFLECTIVE SHEETING.

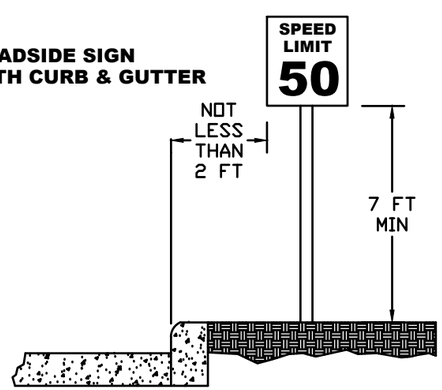
ROADSIDE SIGN WITH CURB & GUTTER

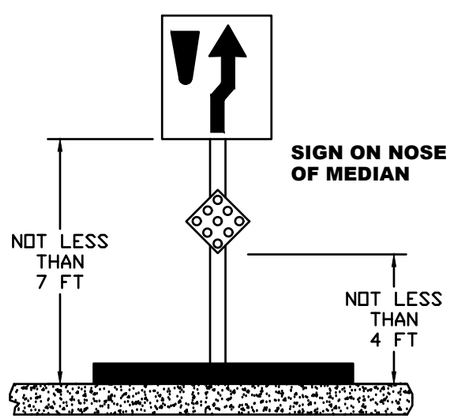


ROADSIDE SIGN WITH CURB & GUTTER



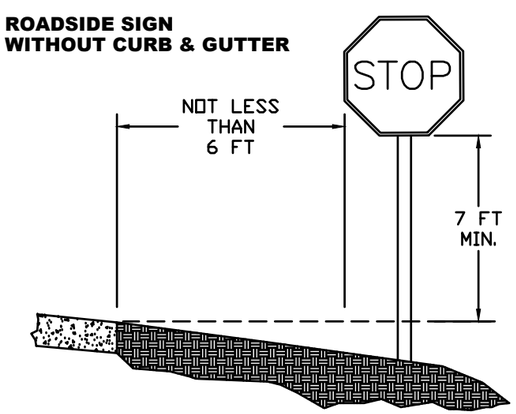
ROADSIDE SIGN WITH CURB & GUTTER



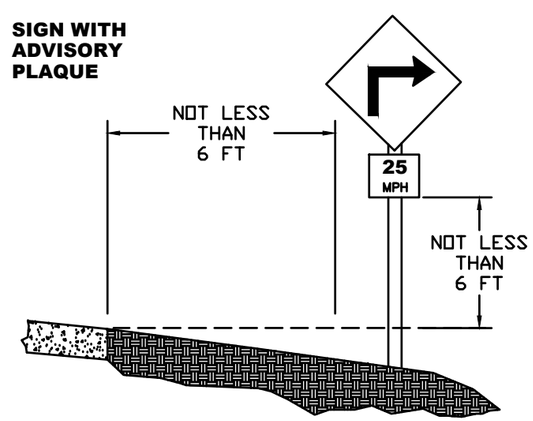


SIGN ON NOSE OF MEDIAN

ROADSIDE SIGN WITHOUT CURB & GUTTER



SIGN WITH ADVISORY PLAQUE



NO.	DATE:	REVISION	BY:	APP'D
2	09/27/10	ADD PRIVATE STREET D-3 NOTE	KAP	LGV
1	09/27/10	UPDATE D-3 LETTER SPECIFICATION	KAP	LGV

DRAWN BY: K.PELTON

APP'D BY:

TOPEKA Public Works ENGINEERING
620 SE MADISON St. • 2nd Floor • TOPEKA, KS 66607
Phone: (785) 368-3842 • Fax: (785) 368-3881

STANDARD DETAILS

SIGN PLACEMENT

DATE:

PAGE: OF

DRAWING: DT-113

PROJ.

J:\2015Proj\155044 (2019 PH 8.6)\CADD\DT-113.dwg, DT-113, 3/9/2020 7:57:22 AM