

## Joint Strategic Planning Meeting Agenda City Council, Planning Commission and Staff

Tuesday, August 20, 2013, 6:30 p.m. or immediately following Council Meeting  
Riverdale Civic Center 4600 S. Weber River Drive

6:30 Welcome (Elected Officials, Planning Commission & Staff)

1. General Planning Focus Issues:

a. UTA Bus Benches – Shelters

b. West Bench

i. North – Cozy Dale

ii. South Infrastructure Impact of Build-out

1. Residential

2. Commercial

c. Upgrade Ball Fields, Trail and Picnic Areas, and Playground Areas.

i. Major move for facilitating future known and unknown options.

ii. Sport Courts, Tennis Courts, BB Courts, (ie. S. Ogden on 40<sup>th</sup> St.)

7:50 Discretionary

8:00 Adjourn



SHEET NO. 1

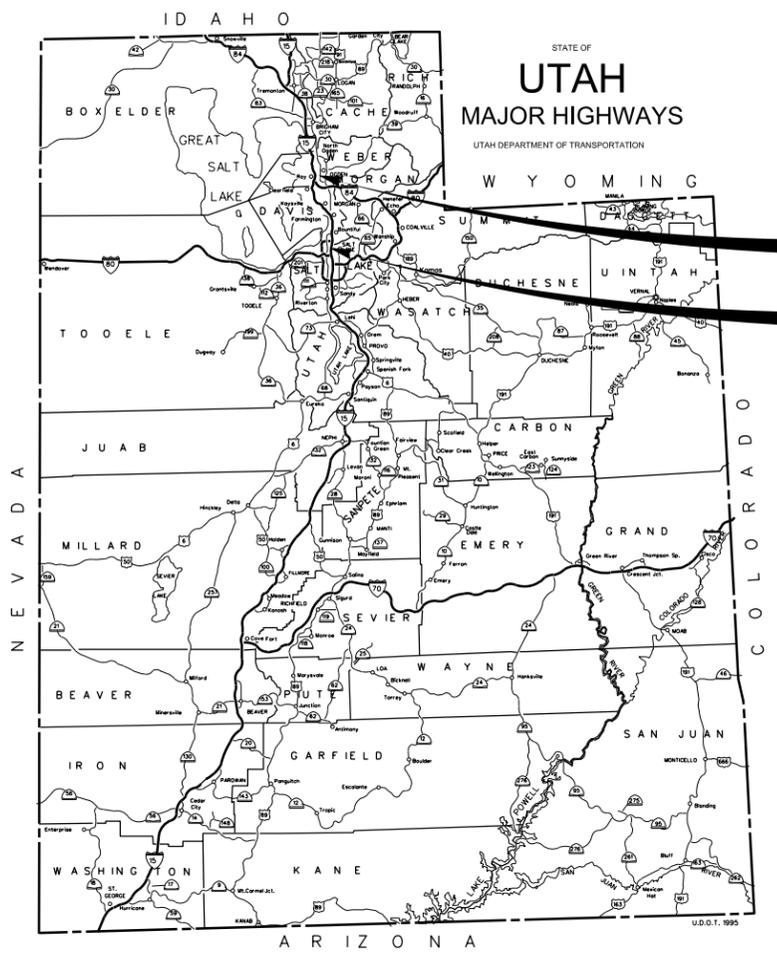
U.S. Standard Units (Inch-Pound Units) ALL UNITS IN FEET UNLESS OTHERWISE NOTED

# UTAH TRANSIT AUTHORITY

## PLANS OF PROPOSED BUS STOPS NEW CONSTRUCTION WEBER/SALT LAKE COUNTY

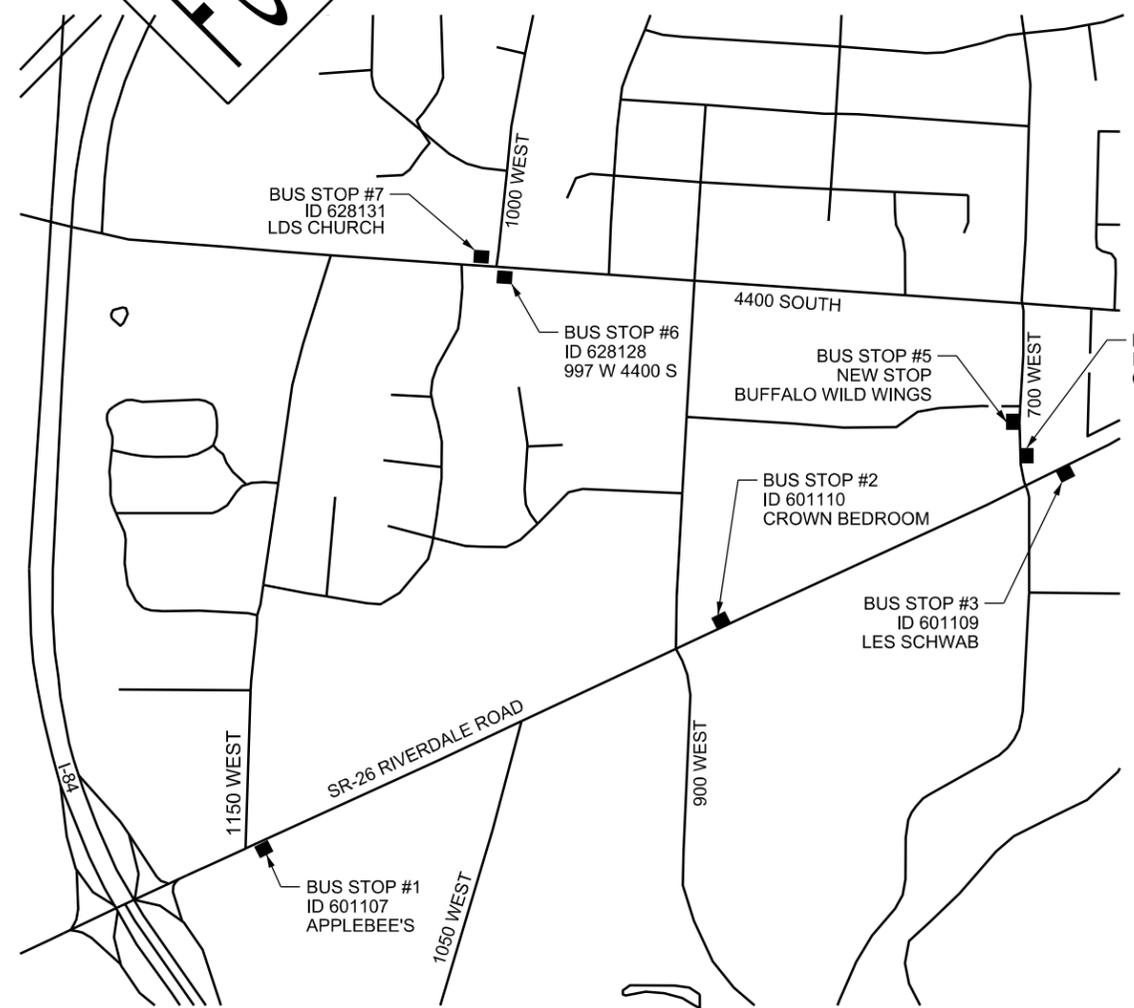
FOR INFORMATION ONLY

DRAWING INDEX	
SHEET NO.	SHEET NAME
1	TITLE SHEET
G0001	GENERAL NOTES
C3001	DETAILS
C1001	BUS STOP #1 ID 601107 APPLEBEE'S 1125 W RIVERDALE RD
C1002	BUS STOP #2 ID 601110 CROWN BEDROOM 880 W RIVERDALE RD
C1003	BUS STOP #3 ID 601109 LES SCHWAB 699 W RIVERDALE RD
C1004	BUS STOP #4 ID 628132 CAREY CYCLE 4450 S 700 W
C1005	BUS STOP #5 NEW BUS STOP BUFFALO WILD WINGS
C1006	BUS STOP #6 ID 628128 997 W 4400 S
C1007	BUS STOP #7 ID 628031 LDS CHURCH 1000 W 4400 S
C1008	BUS STOP #8 1144 N 1500 W SALT LAKE CITY

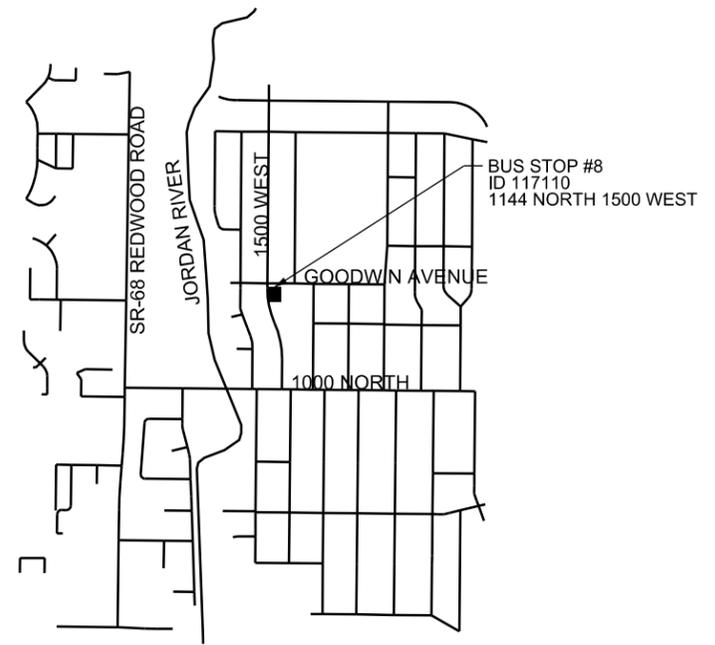


UTA BUS STOPS RIVERDALE CITY  
UTA BUS STOP SALT LAKE CITY

### RIVERDALE VICINITY



### SALT LAKE CITY VICINITY



THIS SEAL APPLIES TO ALL SHEETS CONTAINING THIS SIGNATURE

VERIFIED FOR SUBMISSION FOR BIDDING

DESIGN ENGINEER

7/15/2013 \\slcfiles\public\Projects\JUB\UTAX\83-13-028 Bus Stops\Drawings\Wor-kimg\Civil\Sheets\BSA\_TitleSheet.dgn

**GENERAL NOTES:**

- ENGINEER OF RECORD WILL BE LORI LABRUM. COORDINATE ANY FIELD CHANGES, QUESTIONS, OR CONCERNS WITH HER.
- USE CONSTRUCTION PRACTICES CONSISTENT WITH THE 2012 UDOT STANDARD DRAWINGS AND SPECIFICATIONS. ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE CONSTRUCTION PLANS AND STANDARDS LISTED.
- NOTIFY ALL PRIVATE AND PUBLIC AGENCIES AFFECTED BY CONSTRUCTION. OBTAIN UTILITY LOCATIONS FROM THE ONE CALL CENTER (BLUE STAKES) 2 TO 7 BUSINESS DAYS PRIOR TO ANY EXCAVATION. LOCATIONS MUST BE UPDATED EVERY 14 DAYS.
- ALL SURFACE DISRUPTIONS AFFECTED BY NEW CONSTRUCTION SHALL BE RESTORED TO THE PREVIOUS CONDITION OR BETTER OR AS SPECIFIED ON PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY.
- COORDINATE BUS SHELTER INSTALLATION CONCERNS OR QUESTIONS WITH UTA JANELLE ERICSON 801-237-1951.

**EROSION/SEDIMENT CONTROL NOTES:**

- MEASURES SHALL BE IMPLEMENTED TO REDUCE CONSTRUCTION IMPACTS TO THE ENVIRONMENT AND THE STORM DRAIN SYSTEM. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING ALL NEARBY EXISTING GUTTER INLETS WITH A 9 INCH MINIMUM DIAMETER FIBER ROLL OR EQUIVALENT APPROVED UDOT PRODUCT FOR A GUTTER INLET BARRIER.

**TRAFFIC CONTROL NOTES:**

- CONTRACTOR IS SOLELY RESPONSIBLE FOR SETTING UP AND MAINTAINING A TRAFFIC CONTROL PLAN REQUIRED BY FIELD WORK AND/OR STAGING EQUIPMENT. CONTACT AFFECTED PROPERTY OWNERS MINIMUM 2 WEEKS PRIOR TO ANY WORK.
- IN TRAFFIC CONTROL PLAN, DOCUMENT A DESCRIPTION OF EACH CONSTRUCTION PHASE WITH THE SAME LEVEL OF DETAIL AS THE UDOT TC SERIES STANDARD DRAWINGS INCLUDING BUT NOT LIMITED TO PROVISIONS FOR THE SAFETY OF ALL WORKERS AND SAFE PASSAGE OF PEDESTRIANS AND BICYCLISTS THROUGH THE WORK ZONE ACCORDING TO THE AMERICANS WITH DISABILITIES ACT.
- TRAFFIC CONTROL PLAN MUST COMPLY WITH THE CURRENT EDITION OF THE MUTCD AND MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

**SURVEY CONTROL NOTES:**

THE PROJECT COORDINATES SHOWN HEREON ARE BASED ON HOLDING THE FOLLOWING N.A.D. 83, U.S. SURVEY FOOT, STATE PLANE, UTAH NORTH ZONE COORDINATES FOR THE FOUND BRASS CAP MONUMENT AT THE CENTER QUARTER CORNER OF SECTION 7, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE & MERIDIAN, WITH GROUND DISTANCES BEING RUN THEREFROM USING A COMBINED GRID TO GROUND SCALE FACTOR OF 1.00024858702 (0.999751474756). THE COORDINATES WERE DERIVED USING THE UTAH AGRC/ VRS GPS NETWORK DURING THE MONTH OF APRIL, 2013:

N 3,590,994.711  
E 1,503,637.329

THE FOUND BRASS CAP MONUMENT AT THE CENTER QUARTER CORNER OF SAID SECTION 7, ALSO SERVES AS THE PRIMARY BENCHMARK FOR THIS PROJECT USING THE VRS DERIVED N.A.V.D. 88, U.S. SURVEY FOOT ELEVATION OF 4,353.638.

THE BASIS OF BEARINGS WAS ESTABLISHED USING THE CALCULATED N.A.D.83 BEARING OF S 45°33'07" W ALONG THE LINE BETWEEN THE FOUND CENTER QUARTER CORNER OF SAID SECTION 7 AND THE SOUTHWEST CORNER THEREOF.

**CONSTRUCTION NOTES:**

- ALL CONCRETE TO BE PORTLAND CEMENT CONCRETE CLASS AA(AE), HIGH PURITY, CHEMICALY INERT, UNFADING, AND ALKALI-FAST SYNTHETIC PIGMENT COLORING MATERIAL.
- THICKNESS OF FLATWORK AND SIDEWALK TO BE AS SPECIFIED IN THE PLANS. PAYMENT FOR ALL CONCRETE CONSTRUCTION SHALL INCLUDE EXCAVATION AND PROPER REMOVAL OF ALL EXISTING MATERIAL. PAYMENT FOR CONCRETE SHALL ALSO INCLUDE THE SPECIFIED THICKNESS OF UNTREATED BASE COURSE BENEATH THE CONCRETE.
- USE 1/8 INCH TO 3/16 INCH THICK STEEL CONTRACTION JOINTS SPACED 10 FEET APART. REMOVE PLATES AFTER CONCRETE INITIALLY SETS.
- CURING CONCRETE - KEEP SURFACES MOIST UNTIL THE CURING COMPOUND IS APPLIED. COMPLETE ALL PATCHING PREVIOUS TO APPLYING THE CURING COMPOUND. SPRAY THE ENTIRE SURFACE OF THE CONCRETE WITH A MEMBRANE CURING COMPOUND AT A UNIFORM RATE OF 100 FT<sup>2</sup>/GAL. IMMEDIATELY RE-SPRAY ANY PORTION DAMAGED BEFORE THE 14-DAY CURING EXPIRES.
- ALL HMA ASPHALT PATCHING SHALL INCLUDE COSTS TO SAWCUT REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT. FIELD VERIFY EXISTING ASPHALT PAVEMENT THICKNESS AND REPLACE ASPHALT AT THE SAME THICKNESS AND PROPER COMPACTION ACCORDING TO UDOT 2012 STANDARD SPECIFICATIONS FOR 1/2 INCH HMA.
- UNTREATED BASE COURSE - USE WELL-GRADED AGGREGATE WITH A TARGET MIX GRADATION OF 3/4 INCH SIEVE SIZE. AGGREGATE MUST HAVE A DRY RODDED UNIT WEIGHT NO LESS THAN 75 LB/CF, HAVE NO PLASTICITY, AN AGGREGATE WEAR NOT TO EXCEED 50 PERCENT, CBR WITH A 70 PERCENT 10 LB SURCHARGE MEASURED AT 0.20 INCH PENETRATION, WITH MINIMUM 50 PERCENT OF THE AGGREGATE HAVING TWO FRACTURED FACES. UNTREATED BASE COURSE MUST ALSO MEET A MINIMUM DENSITY TEST AVERAGE OF 95 PERCENT OF MAXIMUM LABORATORY DENSITY WITH NO LESS THAN 92 PERCENT.
- USE ACRYLIC WATER BASED PAVEMENT MARKING PAINT WITH THE FOLLOWING SPECIFICATIONS: 62.0% YELLOW BY WEIGHT MINIMUM, 77.0% MINIMUM TOTAL SOLIDS BY WEIGHT, 43.0% MINIMUM NONVOLATILE VEHICLE BY WEIGHT, 80-95 VISCOSITY KU @ 77°F, 14 LB/GAL MINIMUM DENSITY, 1.25 LB/GAL MAXIMUM VOLATIVE ORGANIC CONTENT (VOC), 0.2 LB/GAL MAXIMUM TITANIUM DIOXIDE CONTENT, 33538 COLOR DEFINITION, 50.0 DIRECTIONAL REFLECTANCE MINIMUM, 0.95 DRY MINIMUM OPACITY. USE QUALIFIED APPLICATORS AS IDENTIFIED IN UDOT QUALITY MANAGEMENT PLAN 513, PAVEMENT MARKING PAINT. APPLICATION RATE SHALL BE 190 TO 240 FT<sup>2</sup>/GAL. REMOVE ANY PAINT BY ONE OF THE FOLLOWING METHODS 1. HIGH PRESSURE WATER SPRAY 2. SAND BLASTING 3. SHOT BLASTING. PAYMENT FOR PAVEMENT MARKING PAINT SHALL INCLUDE NECESSARY REMOVAL OF EXISTING PAINT.
- CONSTRUCT BOLLARDS USING 6 INCH DIAMETER, II GAUGE METAL PIPE FILLED WITH 2500 PSI MINIMUM COMPRESSIVE STRENGTH CONCRETE. ENSURE PIPE IS BURIED MINIMUM 3 FEET BENEATH THE SURFACE IN CONCRETE FOUNDATION. ROUND CONCRETE ON TOP OF PIPE TO AVOID WATER COLLECTING ON TOP OF BOLLARD.

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REV	DATE	Description

Submitted By: \_\_\_\_\_

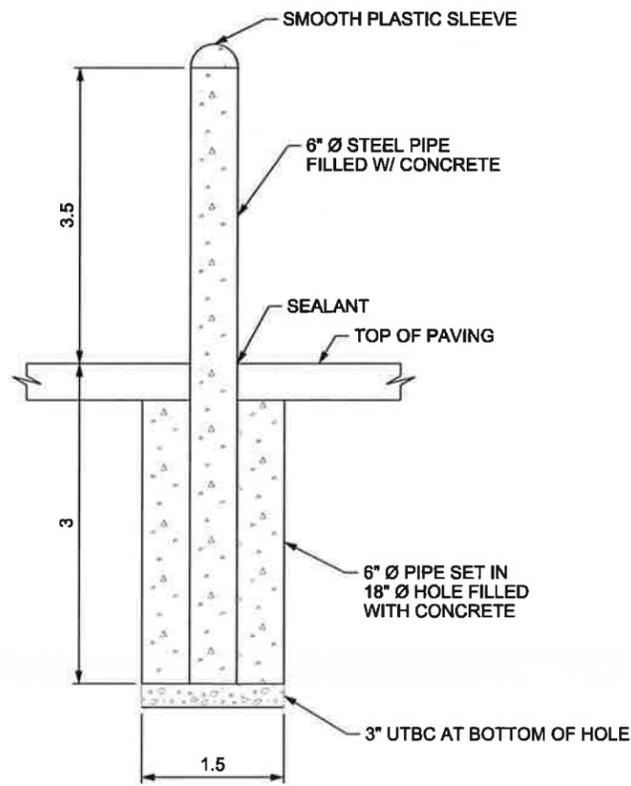
Approved By: \_\_\_\_\_



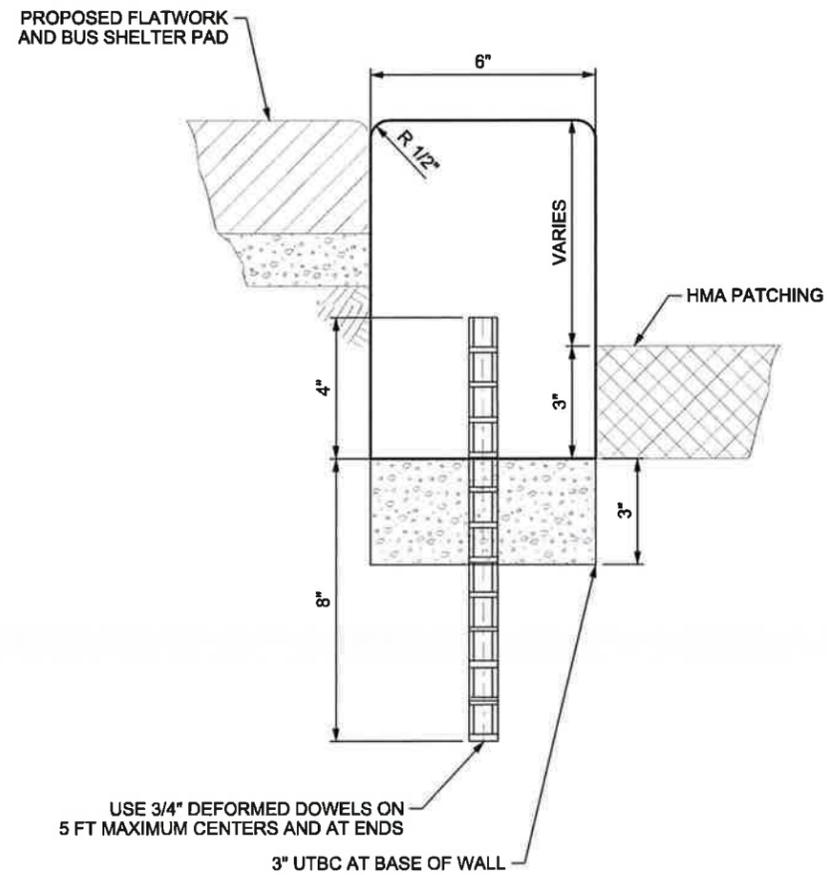
Designed By: BJM
Drawn By: BJM
Checked By: CHB
Approved By: LLL

**GENERAL NOTES/  
CONSTRUCTION NOTES**

Scale: 1" = 10'	
CADD Filename: BSAG0001.dgn	
Submission Date	
UTA Contract No.:	
Drawing No.:	Sheet No.:
	G0001

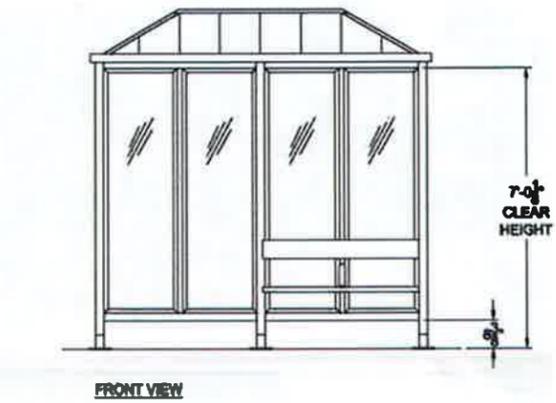


**BOLLARD DETAIL**  
NOT TO SCALE

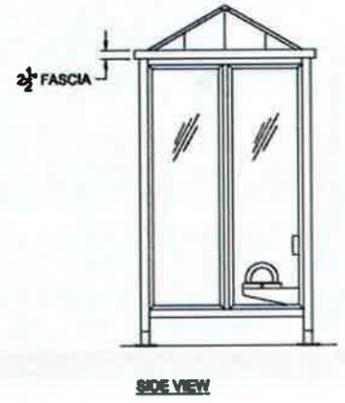


USE 3/4\"/>

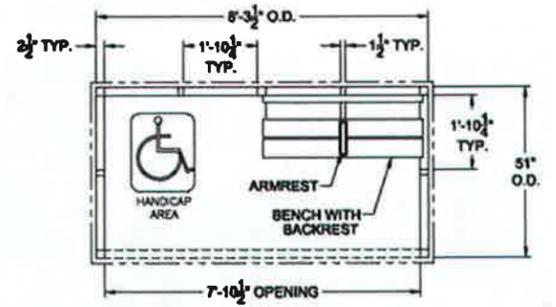
**CONCRETE WALL DETAIL**  
BUS STOP # 2 CROWN BEDROOM  
NOT TO SCALE (SEE SHEET C1002)



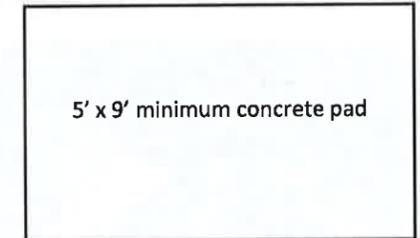
FRONT VIEW



SIDE VIEW



FLOOR PLAN



5' x 9' minimum concrete pad

**TYPICAL FULL BUS SHELTER**  
FOR REFERENCE ONLY  
NOT TO SCALE

REV	DATE	Description
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△		
△		
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Submitted By: \_\_\_\_\_



Designed By: **BJM**

Drawn By: **BJM**

Checked By: **CHB**

Approved By: **LLL**

**DETAILS**

Scale: **NOT TO SCALE**

CADD Filename: **BSAC3001.dgn**

Submital Date: \_\_\_\_\_

UTA Contract No: \_\_\_\_\_

Drawing No: \_\_\_\_\_ Sheet No: **C3001**

ITEM REQ'D	QUANTITIES	NORTHING	EASTING	TO NORTHING	TO EASTING
CONCRETE FLATWORK	65 SF	3588111.795	1500781.998	3588118.603	1500792.479
BLOCK WALL	23 FT	3588115.989	1500779.275	3588122.741	1500789.792
RESTORE IRRIGATION SYSTEM	LUMP	ENTIRE CONSTRUCTION AREA			
BUS SHELTER AND TRASH RECEPTACLE	UTA FURNISHED				

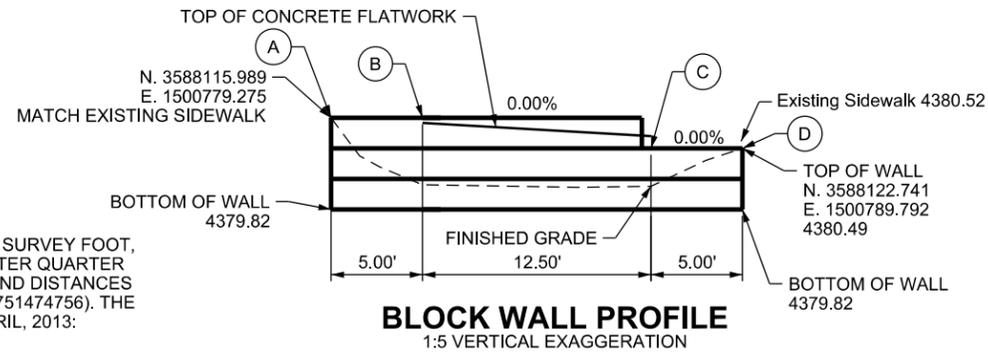
**SURVEY CONTROL NOTES**

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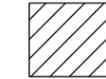
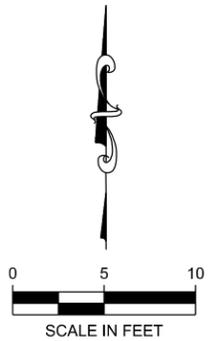
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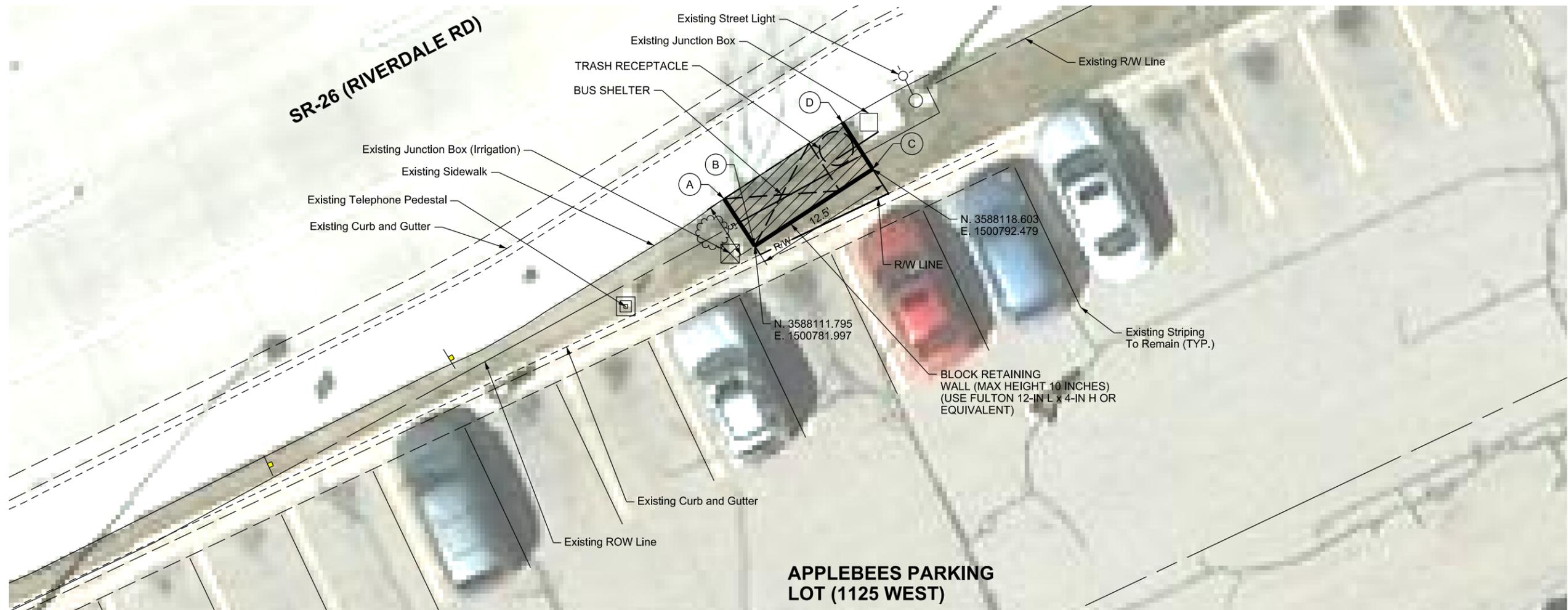


**NOTES:**

1. BUS SHELTER AND TRASH RECEPTACLE FURNISHED AND INSTALLED BY UTA. COORDINATE WITH JANELLE ERICSON 801-237-1951.
2. RIGHT-OF-WAY AREA: PROPERTY TAKE = 47 SF
3. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR BLOCK WALL INSTALLATION.



**CONCRETE FLATWORK REQ'D (5" THICK)**  
UNTREATED BASE COURSE REQ'D (4" THICK)



REV	DATE	Description

Submitted By: \_\_\_\_\_

Approved By: \_\_\_\_\_



Designed By:	BJM
Drawn By:	BJM
Checked By:	CHB
Approved By:	LLL

**BUS STOP #1**  
**ID 601107 APPLEBEE'S**  
**1125 W RIVERDALE RD**

Scale:	1" = 10'
CADD Filename:	BSAC1001.dgn
Submission Date:	
UTA Contract No.:	
Drawing No.:	
Sheet No.:	C1001

**SURVEY CONTROL NOTES**

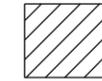
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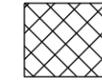
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ITEM REQ'D	QUANTITIES	NORTHING	EASTING	TO NORTHING	TO EASTING
BOLLARD	1 EACH	3589194.927	1502749.026	3589194.927	1502749.026
BOLLARD	1 EACH	3589194.91	1502752.882	3589194.910	1502752.882
CONCRETE FLATWORK	55 SF	3589183.989	1502745.954	3589192.242	1502763.851
HMA 1/2 INCH	4 SQ YD	3589183.297	1502744.459	3589193.195	1502766.120
BUS SHELTER AND TRASH RECEPTACLE	UTA FURNISHED				
RELOCATE BUS STOP SIGN BY UTA		3589189.894	1502761.917	3589184.786	1502746.691
PAVEMENT MARKING PAINT	20 FT	3589215.112	1502746.322	3589195.158	1502746.082
PAVEMENT MARKING PAINT	20 FT	3589215.115	1502756.559	3589195.161	1502756.319
PAVEMENT MARKING PAINT	4 FT	3589215.115	1502766.755	3589211.651	1502766.755
CONCRETE WALL	30 FT	3589183.989	1502745.954	3589192.242	1502763.851



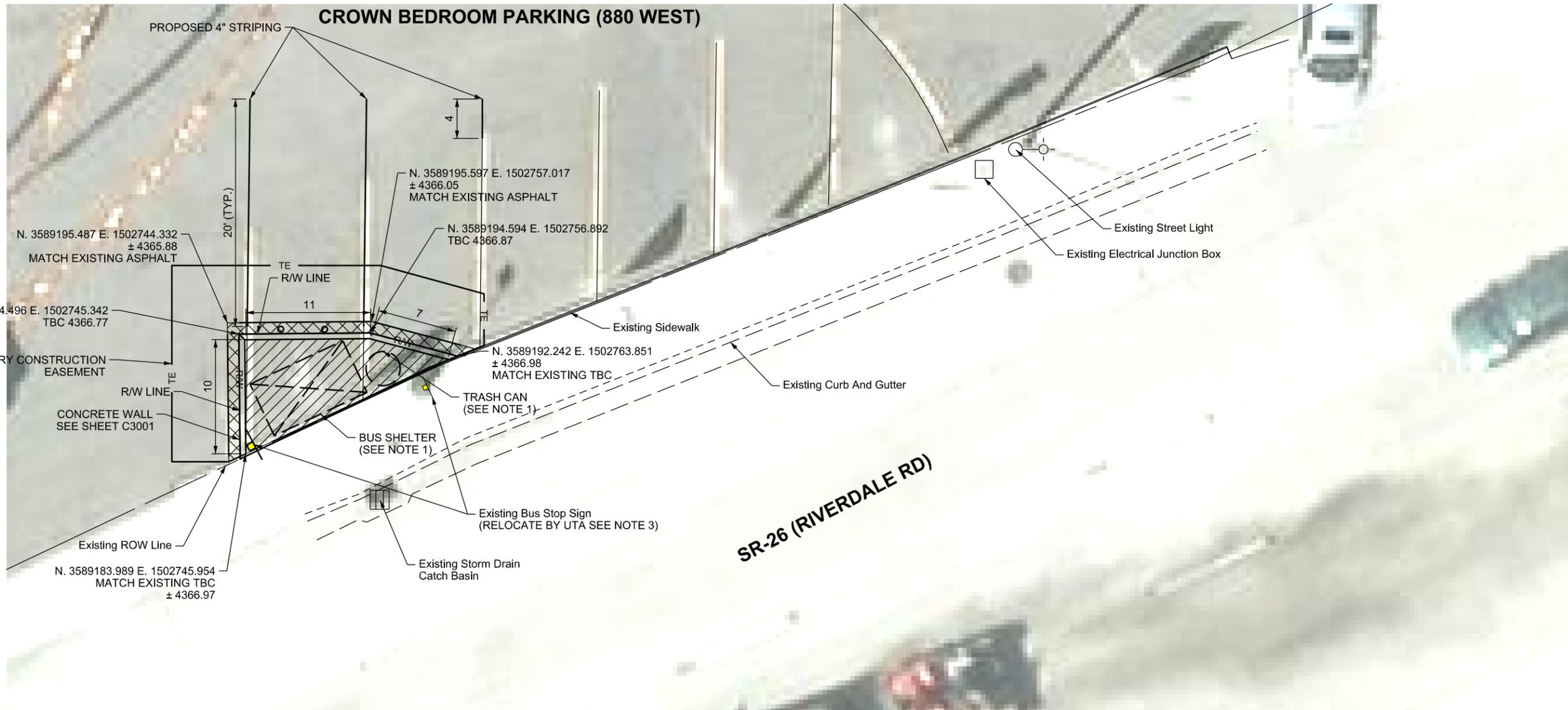
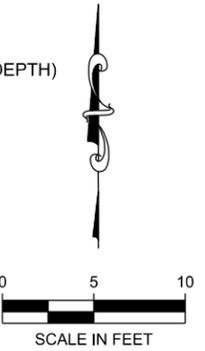
**CONCRETE FLATWORK REQ'D (5" THICK)**  
UNTREATED BASE COURSE REQ'D (4" THICK)



**HMA - 1/2 INCH REQ'D** (MATCH EXISTING ASPHALT PAVEMENT DEPTH)

**NOTES:**

- BUS SHELTER AND TRASH CAN FURNISHED AND INSTALLED BY UTA. COORDINATE INSTALLATION WITH JANELLE ERICSON 801-237-1951.
- RIGHT-OF-WAY AREAS:  
CONSTRUCTION EASEMENT = 232 SF  
PROPERTY TAKE = 114 SF
- BUS STOP SIGN AND FOUNDATION FURNISHED BY UTA.
- SEE SHEET C3001 FOR BOLLARD AND CONCRETE WALL DETAILS.



REV	DATE	Description

Submitted By: \_\_\_\_\_

Approved By: \_\_\_\_\_

Designed By: BJM
Drawn By: BJM
Checked By: CHB
Approved By: LLL

**BUS STOP #2**  
**ID 601110 CROWN BEDROOM**  
**880 W RIVERDALE RD**

Scale: 1" = 10'
CADD Filename: BSAC1002.dgn
Submission Date
UTA Contract No.:
Drawing No.:
Sheet No.:
C1002

ITEM REQ'D	QUANTITIES	NORTHING	EASTING	TO NORTHING	TO EASTING
CONCRETE SIDEWALK	20 SF	3589999.308	1503985.620	3589995.309	1503985.521
CONCRETE FLATWORK	65 SF	3590002.559	1503994.620	3589990.065	1503994.308
BUS SHELTER AND TRASH RECEPTACLE	UTA FURNISHED				
RELOCATE BUS STOP SIGN BY UTA		3589995.088	1503983.432	3589989.179	1503984.866

**SURVEY CONTROL NOTES**

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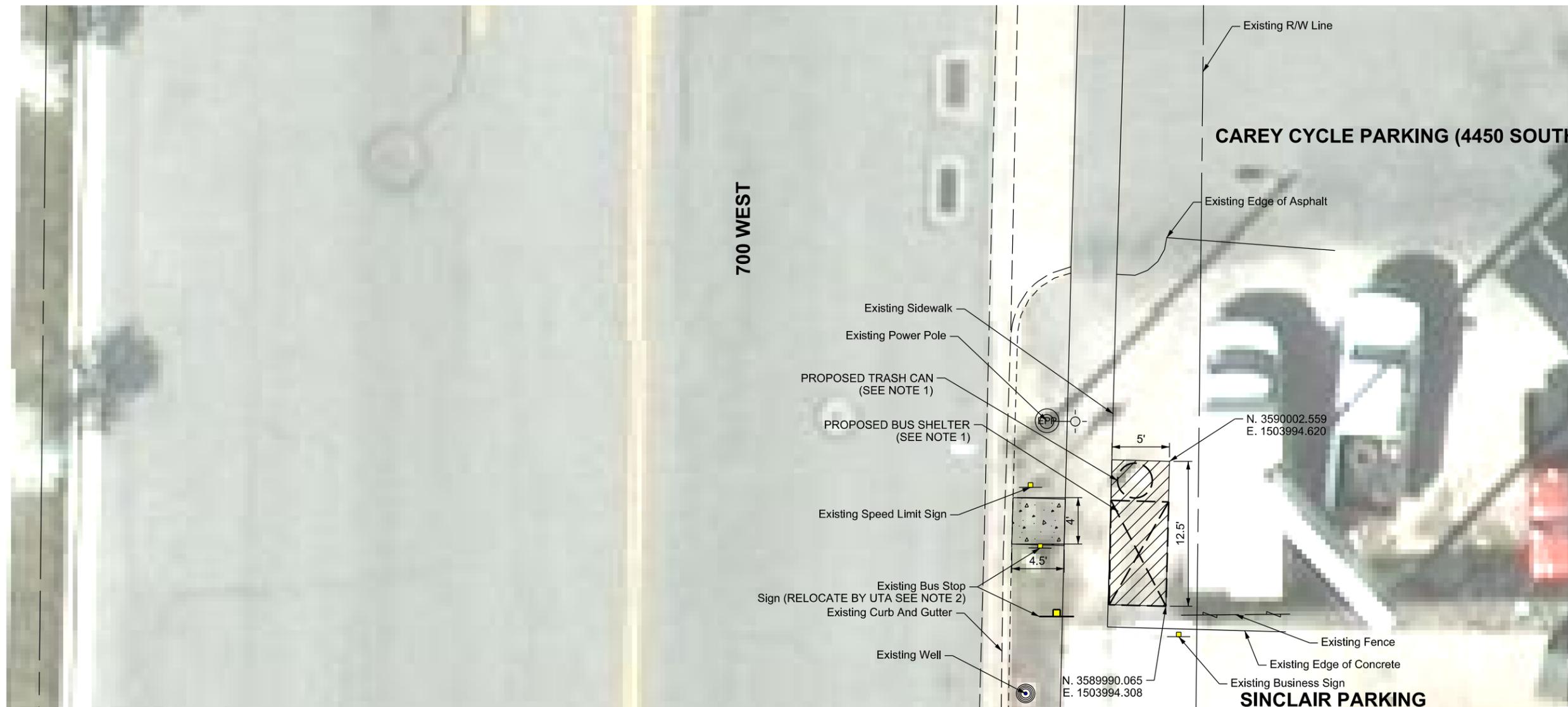
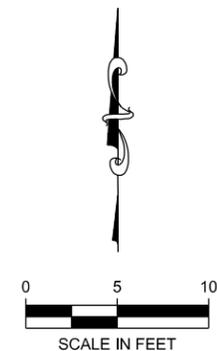
**CONCRETE SIDEWALK REQ'D (4" THICK)**  
UNTREATED BASE COURSE REQ'D (3" THICK)



**CONCRETE FLATWORK REQ'D (5" THICK)**  
UNTREATED BASE COURSE REQ'D (4" THICK)

**NOTES:**

1. BUS SHELTER AND TRASH CAN FURNISHED AND INSTALLED BY UTA. COORDINATE INSTALLATION WITH JANELLE ERICSON 801-237-1951.
2. BUS STOP SIGN AND FOUNDATION FURNISHED BY UTA.



REV	DATE	Description
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△		

Submitted By: \_\_\_\_\_

Approved By: \_\_\_\_\_



Designed By:	BJM
Drawn By:	BJM
Checked By:	CHB
Approved By:	LLL

**BUS STOP #4**  
**ID 628132 CAREY CYCLE**  
**4450 S 700 W**

Scale:	1" = 10'
CADD Filename:	BSAC1004.dgn
Submission Date:	
UTA Contract No.:	
Drawing No.:	Sheet No.:
	C1004

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ITEM REQ'D	QUANTITIES	NORTHING	EASTING	TO NORTHING	TO EASTING
CONCRETE SIDEWALK	20 SF	3590114.073	1503897.302	3590118.072	1503897.399
CONCRETE FLATWORK	65 SF	3590114.316	1503887.389	3590126.813	1503887.701
BUS SHELTER AND TRASH RECEPTACLE	UTA FURNISHED				



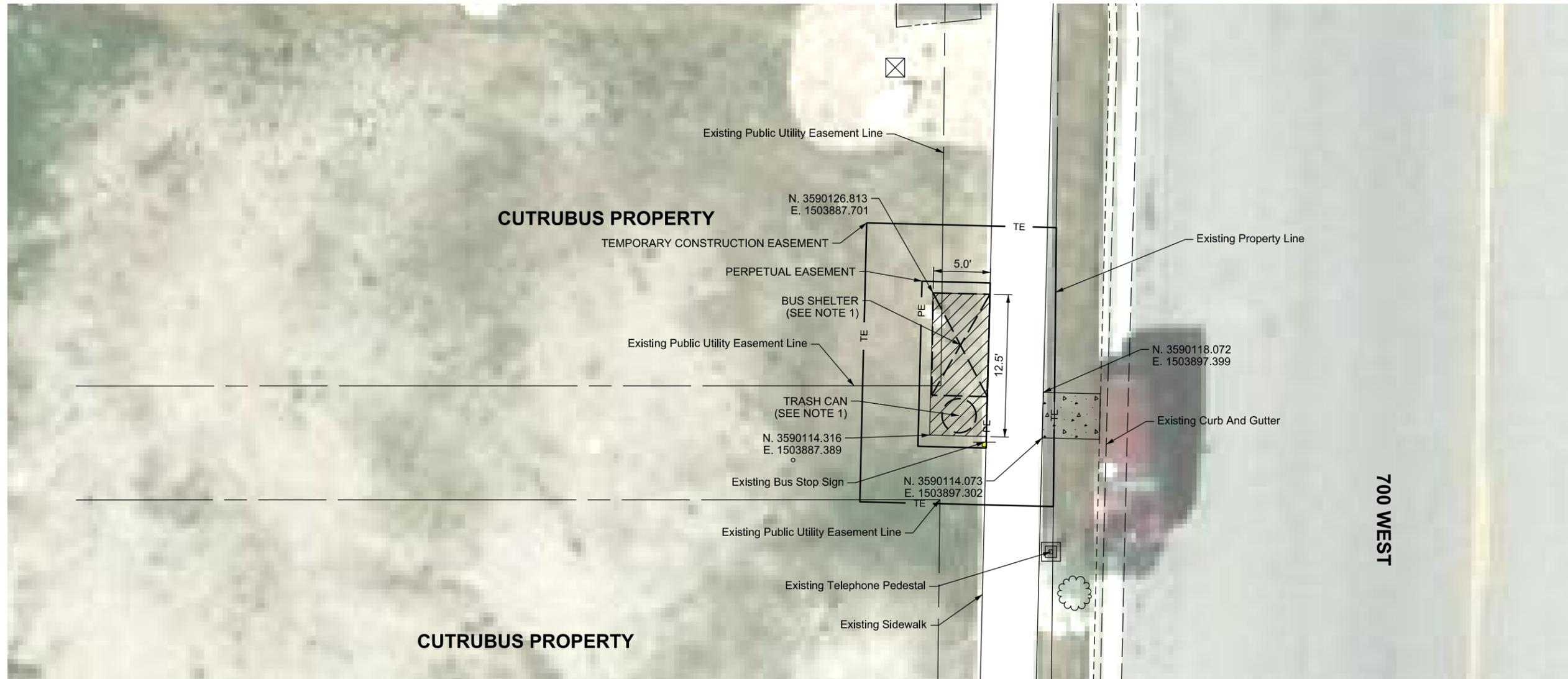
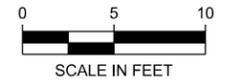
**CONCRETE SIDEWALK REQ'D (4" THICK)**  
UNTREATED BASE COURSE REQ'D (3" THICK)



**CONCRETE FLATWORK REQ'D (5" THICK)**  
UNTREATED BASE COURSE REQ'D (4" THICK)

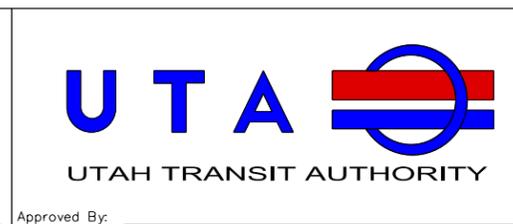
**NOTES:**

- BUS SHELTER AND TRASH CAN FURNISHED AND INSTALLED BY UTA. COORDINATE INSTALLATION WITH JANELLE ERICSON 801-237-1951.
- RIGHT-OF-WAY AREAS:  
CONSTRUCTION EASEMENT = 414 SF  
PERPETUAL EASEMENT = 87 SF.



REV	DATE	Description

Submitted By: \_\_\_\_\_



Designed By: BJM  
 Drawn By: BJM  
 Checked By: CHB  
 Approved By: LLL

**BUS STOP #5  
 NEW BUS STOP  
 BUFFALO WILD WINGS**

Scale: 1" = 10'  
 CADD Filename: BSAC1005.dgn  
 Submittal Date: \_\_\_\_\_  
 UTA Contract No.: \_\_\_\_\_  
 Drawing No.: \_\_\_\_\_ Sheet No.: C1005

**SURVEY CONTROL NOTES**

THE PROJECT COORDINATES SHOWN HEREON ARE BASED ON HOLDING THE FOLLOWING N.A.D. 83, U.S. SURVEY FOOT, STATE PLANE, UTAH NORTH ZONE COORDINATES FOR THE FOUND BRASS CAP MONUMENT AT THE CENTER QUARTER CORNER OF SECTION 7, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE & MERIDIAN, WITH GROUND DISTANCES BEING RUN THEREFROM USING A COMBINED GRID TO GROUND SCALE FACTOR OF 1.00024858702 (0.999751474756). THE COORDINATES WERE DERIVED USING THE UTAH AGRC/ VRS GPS NETWORK DURING THE MONTH OF APRIL, 2013:

N 3,590,994.711  
E 1,503,637.329

THE FOUND BRASS CAP MONUMENT AT THE CENTER QUARTER CORNER OF SAID SECTION 7, ALSO SERVES AS THE PRIMARY BENCHMARK FOR THIS PROJECT USING THE VRS DERIVED N.A.V.D. 88, U.S. SURVEY FOOT ELEVATION OF 4,353.638.

THE BASIS OF BEARINGS WAS ESTABLISHED USING THE CALCULATED N.A.D.83 BEARING OF S 45°33'07" W ALONG THE LINE BETWEEN THE FOUND CENTER QUARTER CORNER OF SAID SECTION 7 AND THE SOUTHWEST CORNER THEREOF.

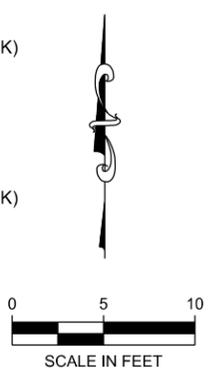
ITEM REQ'D	QUANTITIES	NORTHING	EASTING	TO NORTHING	TO EASTING
CONCRETE SIDEWALK	20 SF	3590586.870	1501668.697	3590586.614	1501672.689
CONCRETE FLATWORK	65 SF	3590578.439	1501659.643	3590577.639	1501672.113
BUS SHELTER AND TRASH RECEPTACLE	UTA FURNISHED				
RELOCATE BUS STOP SIGN BY UTA		3590589.042	1501679.647	3590587.294	1501673.606



**CONCRETE SIDEWALK REQ'D (4" THICK)**  
UNTREATED BASE COURSE REQ'D (3" THICK)

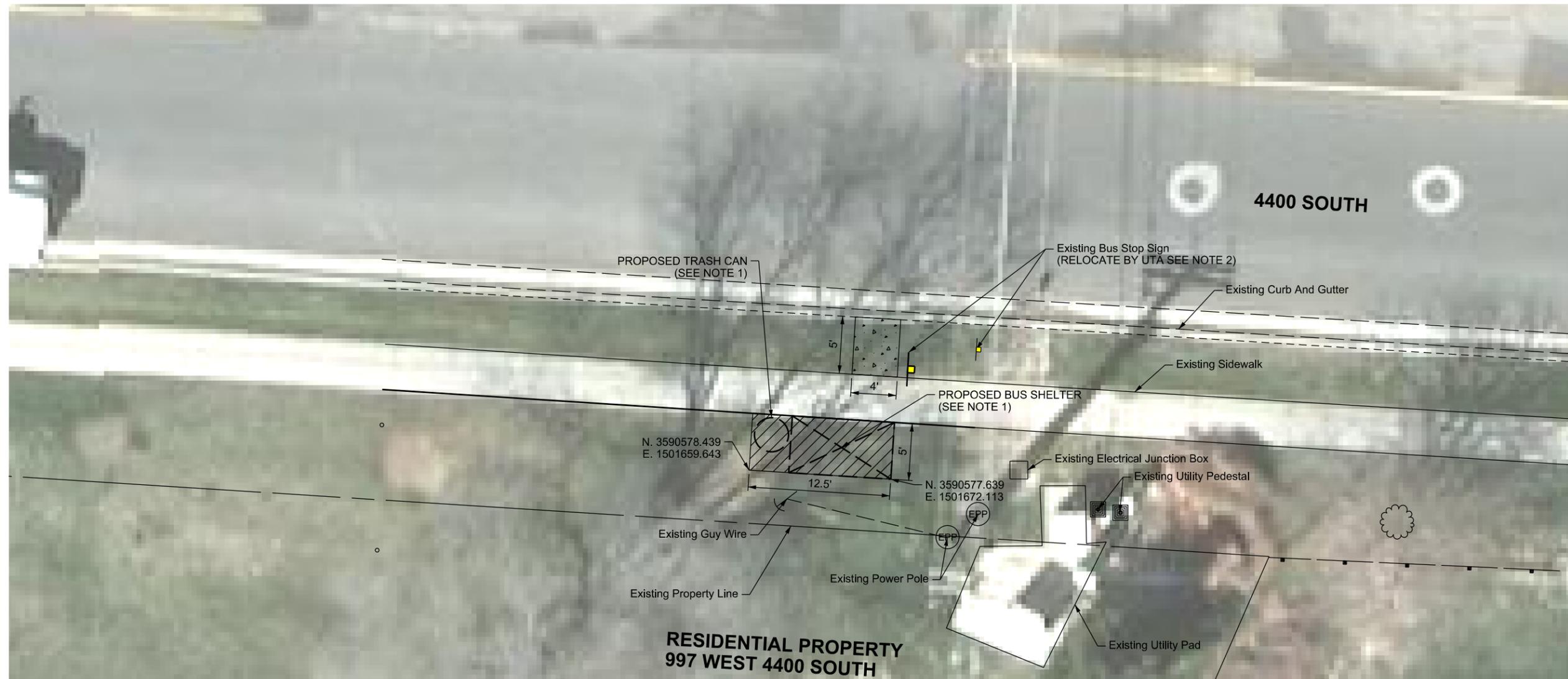


**CONCRETE FLATWORK REQ'D (5" THICK)**  
UNTREATED BASE COURSE REQ'D (4" THICK)



**NOTES:**

- BUS SHELTER AND TRASH CAN FURNISHED AND INSTALLED BY UTA. COORDINATE INSTALLATION WITH JANELLE ERICSON 801-237-1951.
- BUS STOP SIGN AND FOUNDATION FURNISHED BY UTA.



REV	DATE	Description

Submitted By: \_\_\_\_\_

Approved By: \_\_\_\_\_



Designed By:  
BJM  
Drawn By:  
BJM  
Checked By:  
CHB  
Approved By:  
LLL

**BUS STOP #6**  
**ID 628128**  
**997 W 4400 S**

Scale: 1" = 10'
CADD Filename: BSAC1006.dgn
Submission Date
UTA Contract No.:
Drawing No.:
Sheet No.:
C1006

**SURVEY CONTROL NOTES**

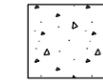
THE PROJECT COORDINATES SHOWN HEREON ARE BASED ON HOLDING THE FOLLOWING N.A.D. 83, U.S. SURVEY FOOT, STATE PLANE, UTAH NORTH ZONE COORDINATES FOR THE FOUND BRASS CAP MONUMENT AT THE CENTER QUARTER CORNER OF SECTION 7, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE & MERIDIAN, WITH GROUND DISTANCES BEING RUN THEREFROM USING A COMBINED GRID TO GROUND SCALE FACTOR OF 1.00024858702 (0.999751474756). THE COORDINATES WERE DERIVED USING THE UTAH AGRC/ VRS GPS NETWORK DURING THE MONTH OF APRIL, 2013:

N 3,590,994.711  
E 1,503,637.329

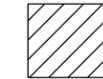
THE FOUND BRASS CAP MONUMENT AT THE CENTER QUARTER CORNER OF SAID SECTION 7, ALSO SERVES AS THE PRIMARY BENCHMARK FOR THIS PROJECT USING THE VRS DERIVED N.A.V.D. 88, U.S. SURVEY FOOT ELEVATION OF 4,353.638.

THE BASIS OF BEARINGS WAS ESTABLISHED USING THE CALCULATED N.A.D.83 BEARING OF S 45°33'07" W ALONG THE LINE BETWEEN THE FOUND CENTER QUARTER CORNER OF SAID SECTION 7 AND THE SOUTHWEST CORNER THEREOF.

ITEM REQ'D	QUANTITIES	NORTHING	EASTING	TO NORTHING	TO EASTING
CONCRETE SIDEWALK	20 SF	3590660.61	1501552.081	3590660.348	1501556.072
CONCRETE FLATWORK	65 SF	3590672.734	1501549.383	3590671.933	1501561.854
BUS SHELTER AND TRASH RECEPTACLE	UTA FURNISHED				
RESTORE IRRIGATION SYSTEM	LUMP	ENTIRE CONSTRUCTION AREA			



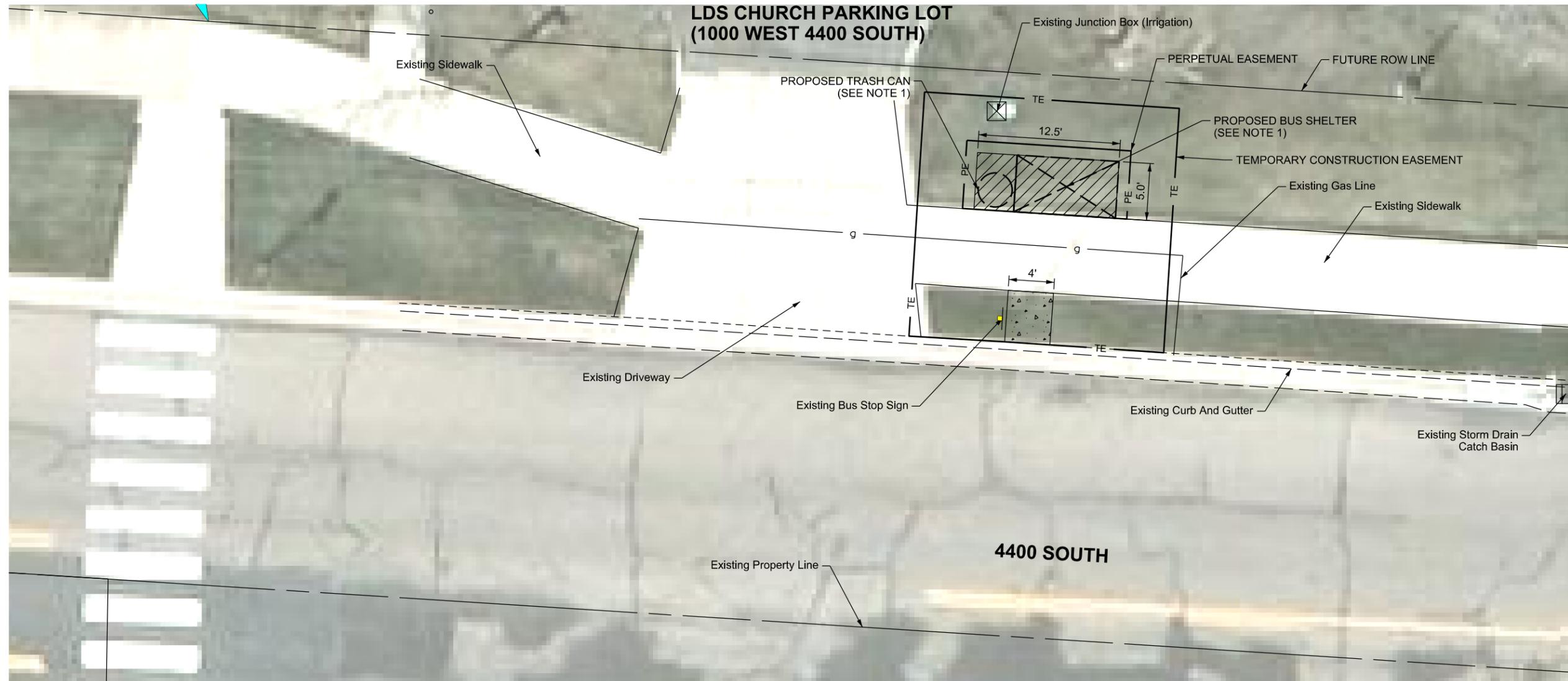
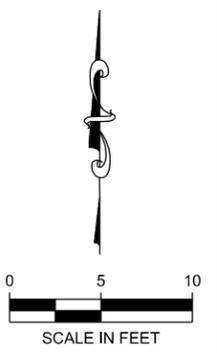
**CONCRETE SIDEWALK REQ'D (4" THICK)**  
UNTREATED BASE COURSE REQ'D (3" THICK)



**CONCRETE FLATWORK REQ'D (5" THICK)**  
UNTREATED BASE COURSE REQ'D (4" THICK)

**NOTES:**

- BUS SHELTER AND TRASH CAN FURNISHED AND INSTALLED BY UTA. COORDINATE INSTALLATION WITH JANELLE ERICSON 801-237-1951.
- RIGHT-OF-WAY AREAS:  
CONSTRUCTION EASEMENT = 485 SF  
PERPETUAL EASEMENT = 87



REV	DATE	Description
△		
△		
△		
△		
△		
△		

Submitted By: \_\_\_\_\_

**UTAH TRANSIT AUTHORITY**

Approved By: \_\_\_\_\_

Designed By:  
BJM

Drawn By:  
BJM

Checked By:  
CHB

Approved By:  
LLL

**BUS STOP #7**  
**ID 628031 LDS CHURCH**  
**1000 W 4400 S**

Scale: 1" = 10'	
CADD Filename: BSAC1007.dgn	
Submission Date	
UTA Contract No.:	
Drawing No.:	Sheet No.:
	C1007