

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: Capital Improvement Department
Streets & Maintenance Department

AGENDA DATE: August 6, 2019

CONTACT PERSON/PHONE: Richard J. Bristol, Streets and Maintenance Director, 212-7000
Sam Rodriguez P.E., City Engineer, 212-1845

DISTRICT(S) AFFECTED: 2, 3, 4, 6, 7, 8

STRATEGIC GOAL: No. 7: Enhance and Sustain El Paso's Infrastructure Network

SUBJECT:

Request authorization allowing the City Manager to sign a Landscape Maintenance Agreement between the City of El Paso and the State of Texas. The City agrees to maintain certain landscape improvements installed as part of the BRIO/RTS Bus Stop Landscaping and Pedestrian Enhancement projects located on Pershing Dr./Dyer St. and Alameda Ave.

BACKGROUND / DISCUSSION:

The agreement sets the responsibilities of the State of Texas and City of El Paso relating to the BRIO/RTS Bus Stop Landscaping and Pedestrian Enhancement projects. The locations of these projects are located non-controlled access state highways, SL478 Pershing Dr. /Dyer St and SH20 Alameda Ave. The Agreement gives the City access to these non-controlled access state right of ways in order to maintain all landscape elements within the limits of the right of way.

PRIOR COUNCIL ACTION:

On July 8, 2014 City Council Approved Resolution 14-1004-437 Landscape Maintenance Agreement to maintain the pedestrian enhancements, landscaping, and other aesthetic improvements on SH20 Mesa St for the Mesa Corridor Rapid Transit System Project.

AMOUNT AND SOURCE OF FUNDING:


N/A

BOARD / COMMISSION ACTION:

N/A

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:


Richard Bristol, Streets and Maintenance Director
7-29-19
Date

DEPARTMENT HEAD:


Sam Rodriguez, P.E., City Engineer, Capital Improvement Department
7.29.19
Date

RESOLUTION

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

That the City Manager be authorized to sign a Landscape Maintenance Agreement between the City of El Paso ("City") and the State of Texas, acting by and through the Texas Department of Transportation ("State"), whereby the City agrees to maintain certain landscape improvements installed by the City as part of the BRIO/RTS Bus Stop Landscaping and Pedestrian Enhancement project which is located on portions of SL478 (Pershing Dr./Dyer St.), and SH20 (Alameda Ave.).

APPROVED this _____ day of _____, 2019.

THE CITY OF EL PASO:

ATTEST:

Dee Margo
Mayor

Laura D. Prine
City Clerk

APPROVED AS TO FORM:



Omar A. De La Rosa
Assistant City Attorney

APPROVED AS TO CONTENT:



Samuel Rodriguez, P.E., City Engineer
Capital Improvement Department



LANDSCAPE MAINTENANCE AGREEMENT

Form 2043
(Rev. 10/18)
Page 1 of 3

THE STATE OF TEXAS

THE COUNTY OF TRAVIS

This AGREEMENT made this _____ day of _____, 2019, by and between the Texas Department of Transportation, hereinafter referred to as the "State," and the City of _____ El Paso _____, _____ El Paso County, Texas, acting by and through its duly authorized officers, hereinafter called the "City".

WITNESSETH

WHEREAS, Chapter 311 of the Transportation Code gives the City exclusive dominion, control, and jurisdiction over and under the public streets within its corporate limits and authorizes the City to enter into agreements with the State to fix responsibilities for maintenance, control, supervision, and regulation of State highways within and through its corporate limits; and

WHEREAS, Section 221.002 of the Transportation Code authorizes the State, at its discretion, to enter into agreements with cities to fix responsibilities for maintenance, control, supervision, and regulation of State highways within and through the corporate limits of such cities; and

WHEREAS, the State and the City have entered into a Municipal Maintenance Agreement dated _____ March 21, 2006 _____, **the provisions of which are incorporated herein by reference**, and wherein the City has agreed to retain all functions and responsibilities for maintenance and operations which are not specifically described as the responsibility of the department; and

WHEREAS, the City has existing and proposed landscape improvements, such as, but not limited to, the installation of tree, shrub, and turf plantings, irrigation systems, and other aesthetic elements for areas within the right of way of state highway routes within the City as shown on Attachment "A"; and

WHEREAS, the State will allow such landscape improvements, provided that the City agrees to be responsible for all required maintenance of the landscape improvements.

AGREEMENT

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements of the parties hereto to be by them respectively kept and performed, it is agreed as follows:

Contract Period

This Agreement becomes effective upon the date of final execution by the State, and shall remain in effect until terminated or modified as hereinafter provided.

Coverage

This agreement prescribes the responsibilities of the State and the City relating to the maintenance of the BRIO/RTS Bus Stop Landscaping and Pedestrian Enhancement project which is located on SL478 (Pershing Dr./Dyer St.), BU54A (Dyer St.), and SH20 (Alameda Ave.) non-controlled access state highway, as defined in the Municipal Maintenance Agreement. The maintenance is further described in Attachment A, the location map for this project, and limited to the portions along SL478 (Dyer St.) from RM 20 to RM 24+1.9, BU54A from RM 26 to RM 28, and SH20 (Alameda Ave.) from RM 328 to RM 340.

Amendment

The parties agree that this agreement may be amended. Such amendments, to be effective, must be in writing and signed by both parties.

State's Responsibilities

The State's responsibilities are as defined in Attachment "A".

City's Responsibilities

The City may install landscape elements including but not limited to trees, shrubs, grasses, sidewalks, irrigation systems, and hardscape features through its employees or duly appointed agents. Any installations shall be performed in accordance with Texas Department of Transportation specifications and standards, and must be approved by the State in writing prior to any work being performed.

The City shall maintain all landscape elements within the limits of the right of way including all median and island areas but excluding paved areas intended for vehicular travel. Landscape maintenance shall include but not be limited to plant maintenance, plant replacement, mowing and trimming, hardscape element maintenance, and irrigation system operation and maintenance. The City will be responsible for all utility costs associated with maintaining landscape elements. All landscape elements must be maintained in a functional and aesthetically pleasing condition.

TERMINATION

It is understood and agreed between the parties hereto that should either party fail to properly fulfill its obligations as herein outlined, the other party may terminate this agreement upon thirty days written notice. Additionally, this agreement may be terminated by mutual agreement and consent of both parties.

Should the City terminate this agreement, as prescribed here above, the City shall, at the option of the State, reimburse any reasonable costs incurred by the State.

IN WITNESS WHEREOF, the parties have hereunto affixed their signatures, the City of El Paso on the _____ day of _____, year _____, and the Texas Department of Transportation, on the _____ day of _____, year _____.

ATTEST:

CITY OF _____

By _____
(Title of Signing Official)

THE STATE OF TEXAS

Executed for the Executive Director and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, and the established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By _____
District Engineer

El Paso

District

Attachments

Attachment A Scope of Work and Plans

Work Responsibilities

The Local Government will maintain the Project improvements in accordance with State standards. The local Government shall maintain the parkway landscape elements and site amenities installed within the project limits of the Right of Way on Dyer St., Pershing Dr., and Alameda Ave. The applicable projects are Alameda Corridor Rapid Transit System, Dyer Corridor Rapid Transit System, CSJ no. 0167-02-050, Dyer RTS Pedestrian Enhancements, CSJ no. 0167-02-059, Applicable sheets attached. Notwithstanding anything to the contrary in the Landscape Maintenance Agreement, the City's obligations described in the Landscape Maintenance Agreement and this Attachment A are only such as they pertain to the Project Improvements performed by the City as part of BRIO/RTS Bust Stop Landscaping and Pedestrian Enhancement project and not to any other areas of the state highway system.

A. Local Government agrees to:

1. Furnish the State in writing overall clearance with all appropriate regulatory agencies prior to beginning maintenance activities.
2. Verify location of all utilities within project area. Utility considerations shall include, but not limited to, the following: gas, water, electricity, fiber optics, telephone, signals, lighting, CTMS, sanitary sewer, etc.
3. Furnish the State any revisions or modifications mutually agreed upon between the Local Government and the State.
4. Furnish all labor, equipment, materials, and incidentals to provide for maintenance activities regarding the improvements installed by the City within the projects' limits that shall include but not be limited to the following:

Hardscape Landscape and Plant Maintenance

For the work of plant maintenance, all reasonable means shall be employed to preserve the plants and vegetative material existing within the project limits in a healthy and vigorous growing condition. This maintenance activity shall include but not be limited to the following:

- A. Provide vegetative watering for plant material and pay monthly water bill.
- B. Plant bed and basin maintenance including shaping, weed control and mulch layer.
- C. Plant repair, removal, and replacement within the next scheduled work period following notification to begin replacement.
- D. Insect, disease, and animal control.
- E. Fertilizing as needed during the appropriate season.
- F. Mowing and trimming.
- G. Herbicide treatments as directed.
- H. Maintenance and removal of tree supports (staking, guying, bracing) and dispose as directed.
- I. Prune plant material and trees to comply with visibility requirements.
- J. Litter pick-up: remove bagged litter the same day it is collected and dispose in accordance with federal, state, and local regulations.

Irrigation System Operation and Maintenance

Permanent irrigation system operation and maintenance shall include, but not be limited to:

- A. Monitor and adjust water schedules as needed during the seasons.
 - B. Repair leaks and properly maintain the operation of the irrigation system to ensure adequate moisture to the plant material.
 - C. Maintenance and repairs of the system shall be under the supervision of a person possessing an irrigator's license issued by the TCEQ.
 - D. Replacement of stolen or broken parts shall be of the same type and manufacturer as originally installed. Substitute parts may be allowed with the approval of the State prior to replacement.
 - E. Maintain power to controllers to include battery replacement and adjust programs as necessary.
 - F. Perform regular inspections to ensure full functionality of the irrigation system.
 - G. Bear the cost of water consumption and electricity.
5. Provide inspection of all maintenance work performed to ensure that the work is done in accordance with the approved plans and specifications.

Submit for approval a traffic control plan and provide, erect and maintain barricades, signs and traffic handling devices necessary to protect the safety of the traveling public. All placements of barricades, signs and traffic handling devices must conform to the Texas Manual on Uniform Traffic Control Devices, and shall be approved by the State prior to placement. Once the State approves a traffic control plan by the City, no further approvals by the State are required, provided that the City follows the traffic control plan approved by the State.

6.

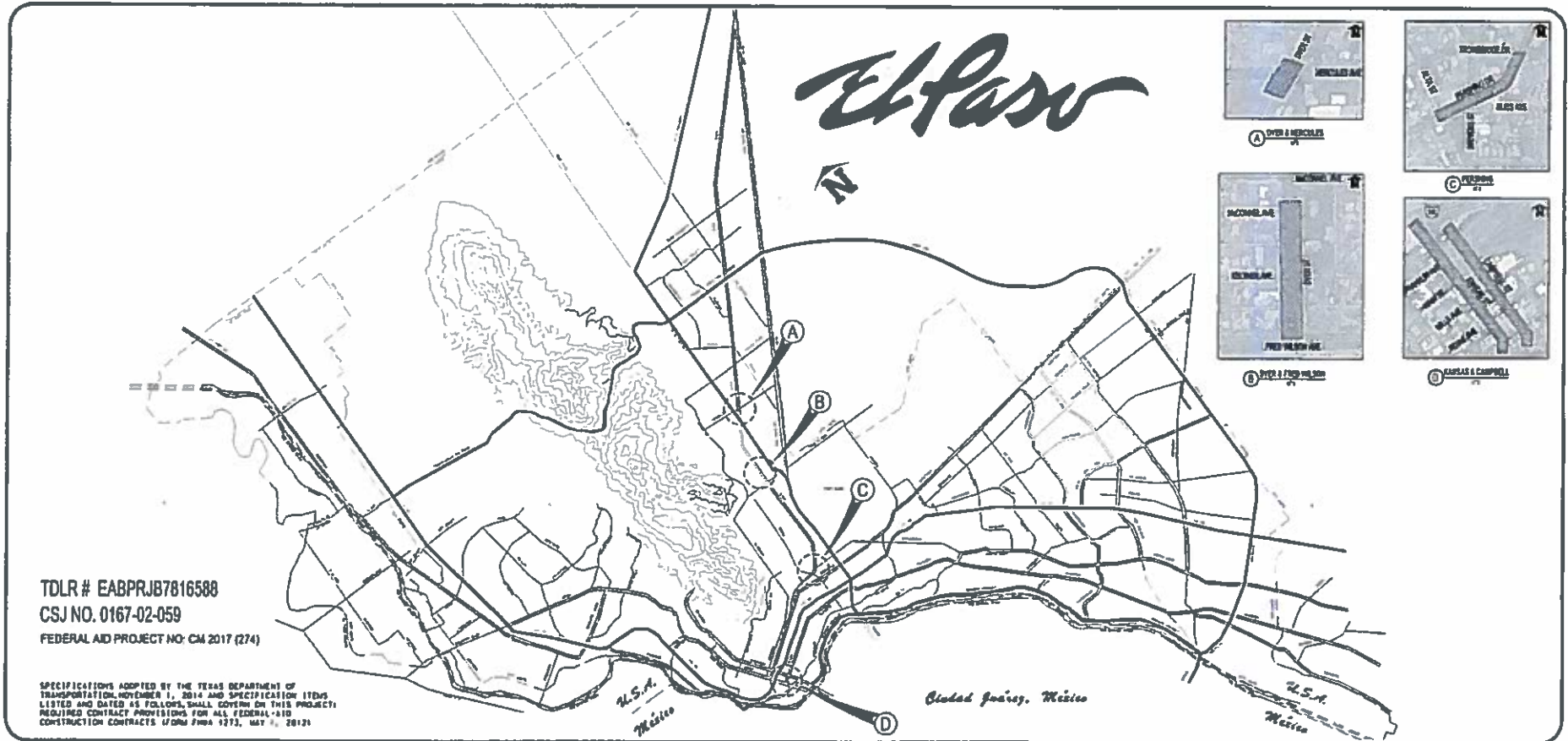
Contact: Eduardo Perales, P.E.
Transportation Engineer Supervisor
Office: (915) 790-4488
Fax: (915) 790-4330
Eduardo.Perales@txdot.gov
13301 Gateway Blvd. West
El Paso, Texas 79928-5410

7. Furnish all labor, equipment, material and incidentals as may be required to repair or replace structures or surfaces damaged by Local Government or its agent(s) (contractor) during any maintenance phase of the project to the satisfaction of the State.

B. State agrees to:

1. Allow Local Government and its agent(s) or contractor(s) to utilize the right-of-way for all aspects of the Project described in this Agreement.
2. Coordinate with Local Government plans of the Project, with limits of maintenance defined, attached hereto and made a part of this Agreement.
3. Coordinate with Local Government landscape maintenance operations consistent with District policy and the Roadside Vegetation Management Manual.
4. Perform review and inspections, as appropriate, of the project.
5. Coordinate with Local Government in determining the requirements for barricades, signs and traffic handling devices necessary to protect the safety of the traveling public for the project.

Attachment A (Continued)



DESCRIPTION	SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION	SHEET NO.
TITLE SHEET	C1	DYER & FRIER WILSON		CAMPBELL		DRIVEWAYS SUMMARY	C100
TOPOGRAPHIC SURVEY	C2-C3	EXISTING UTILITY		EXISTING UTILITY		EXISTING UTILITY	C101-C103
SUMMARY OF QUANTITIES	C4-C11	LAYOUT	C32-C33	LAYOUT	C34-C36	ALTERNATIVES 2D PL	C104-C110
PROJECT LAYOUT & HORIZONTAL CONTROL	C15	SEQUENCE OF WORK	C34-C35	SEQUENCE OF WORK	C37-C38	SEQUENCE OF WORK	C111-C119
HORIZONTAL CONTROL DATA	C16	RECONSTRUCTION PLAN	C36-C37	RECONSTRUCTION PLAN	C39-C40	RECONSTRUCTION PLAN	C120-C121
GENERAL NOTES	C17-C20	PLAN LAYOUT	C38-C39	PLAN LAYOUT	C41-C42	RECONSTRUCTION PLAN	C122-C123
TYPICAL SECTIONS	C21-C22	EROSION CONTROL PLAN	C40	EROSION CONTROL PLAN	C43-C44	EROSION CONTROL PLAN	C124-C125
SEQUENCE OF CONSTRUCTION	C23	PLANTING PLAN	C41	PLANTING PLAN	C45-C46	EROSION CONTROL PLAN	C126-C127
		IRRIGATION PLAN	C42	IRRIGATION PLAN	C47-C48	EROSION CONTROL PLAN	C128-C129
DYER & HERCULES		PERMITS		KANSAS		PERMITS	
EXISTING UTILITY LAYOUT	C24	EXISTING UTILITY LAYOUT	C43-C44	EXISTING UTILITY LAYOUT	C49-C50	EXISTING UTILITY LAYOUT	C51-C52
SEQUENCE OF WORK	C25-C26	SEQUENCE OF WORK	C45-C46	SEQUENCE OF WORK	C53-C54	SEQUENCE OF WORK	C55-C56
RECONSTRUCTION PLAN	C27	RECONSTRUCTION PLAN	C47-C48	RECONSTRUCTION PLAN	C57-C58	RECONSTRUCTION PLAN	C59-C60
PLAN LAYOUT	C28	PLAN LAYOUT	C49-C50	PLAN LAYOUT	C61-C62	PLAN LAYOUT	C63-C64
STRIPPING LAYOUT	C29	STRIPPING LAYOUT	C51	STRIPPING LAYOUT	C65-C66	STRIPPING LAYOUT	C67-C68
TRAFFIC SIGNAL IMPROVEMENT	C30	EROSION CONTROL PLAN	C52	EROSION CONTROL PLAN	C69-C70	EROSION CONTROL PLAN	C71-C72
EROSION CONTROL PLAN	C31			IRRIGATION PLAN	C73-C74	IRRIGATION PLAN	C75-C76



DYER RTS PEDESTRIAN ENHANCEMENTS

FUNDED BY: CITY OF EL PASO

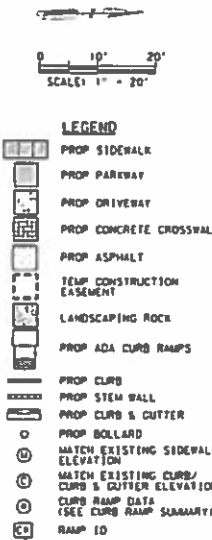
CAPITAL IMPROVEMENT

216 N. CAMPBELL ST. EL PASO, TX 79901
TELEPHONE: 915 212-0065

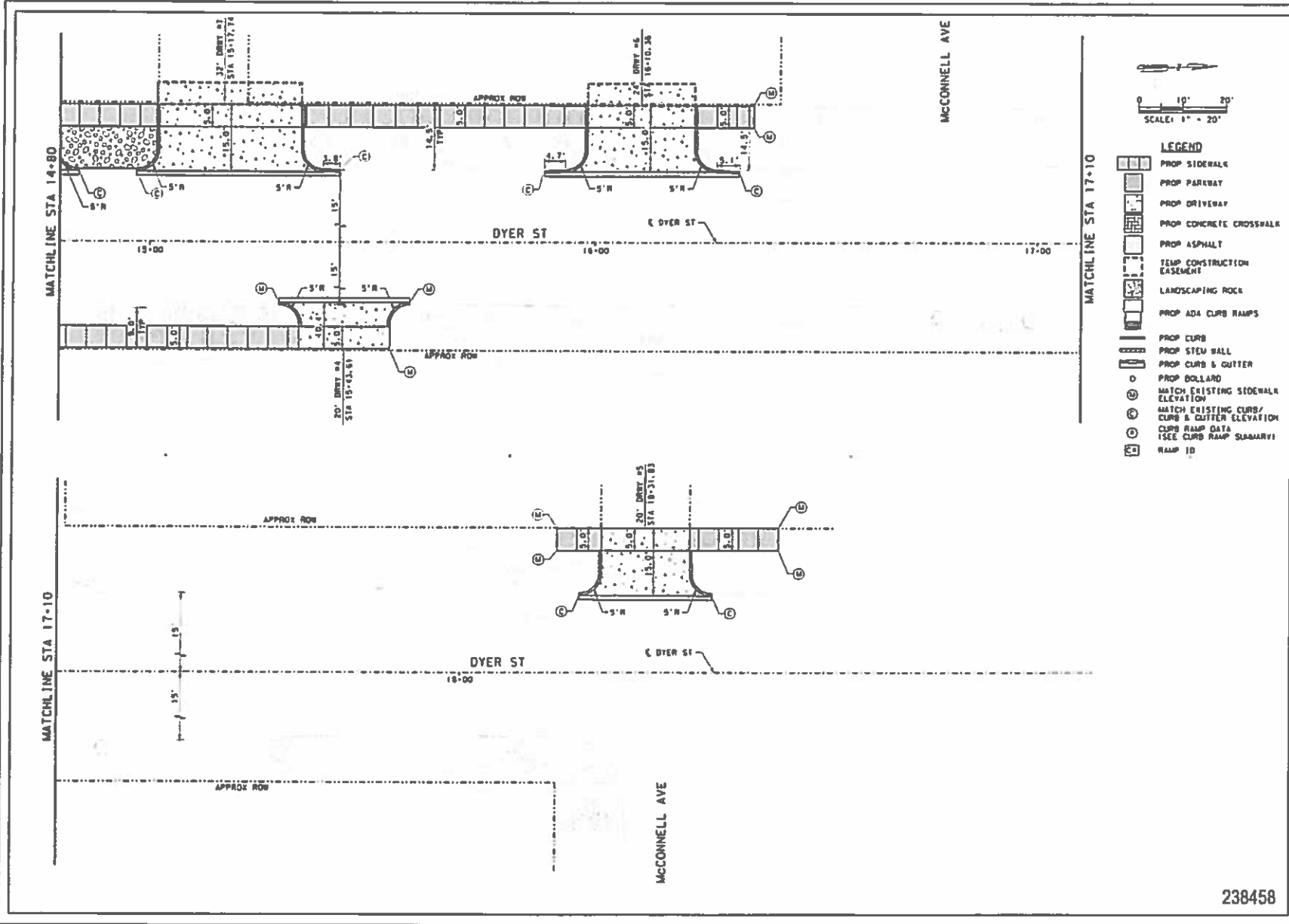
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DYER RTS PEDESTRIAN ENHANCEMENTS

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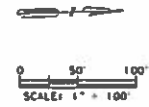
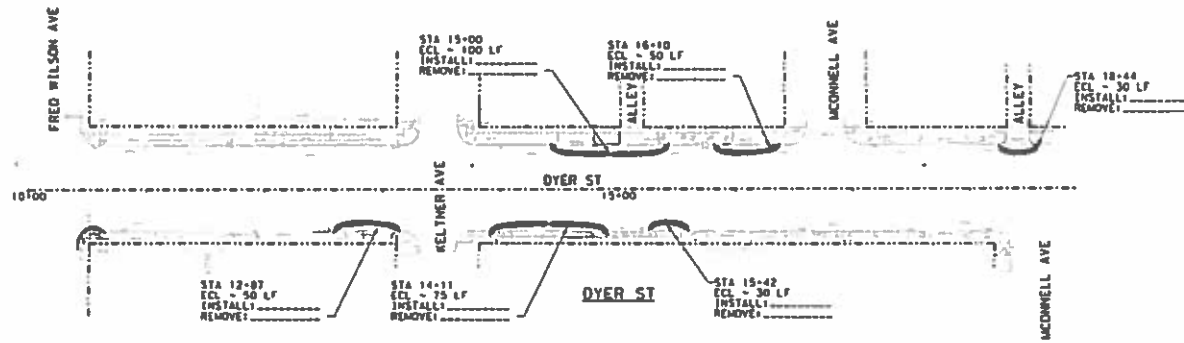
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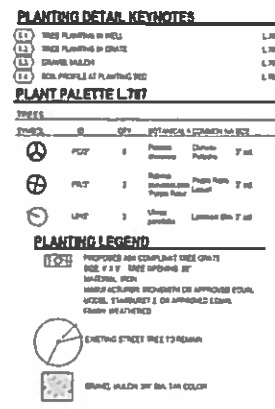
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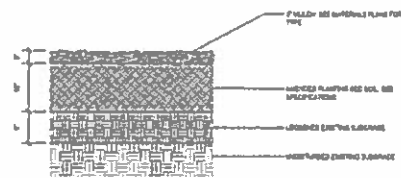
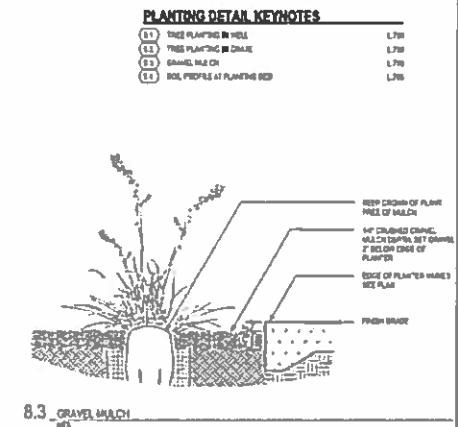
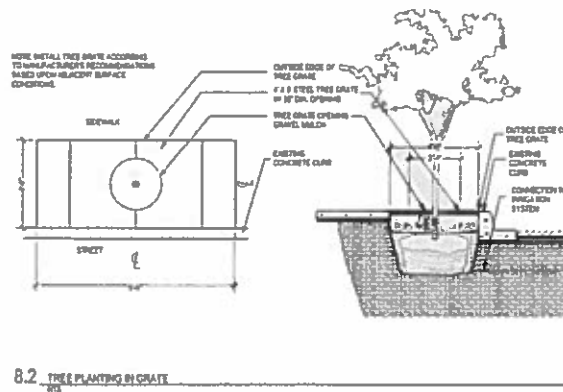
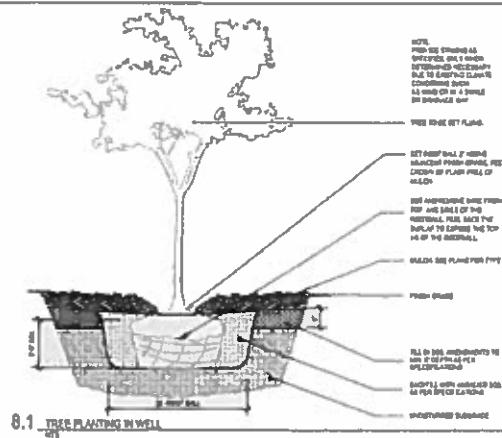
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 — 8" EROSION CONTROL LOG (ECL)
 → DIRECTION OF FLOW

238458

PROJECT NAME OVER RITS PEDESTRIAN ENHANCEMENTS	
CAPITAL IMPROVEMENT	
ALA ENGINEERS, LTD. 400 Engineers & Planners, Inc. Registration Number: 004	
SHEET TITLE EROSION CONTROL PLAN DYER ST	
SHEET C-29 - C-107	

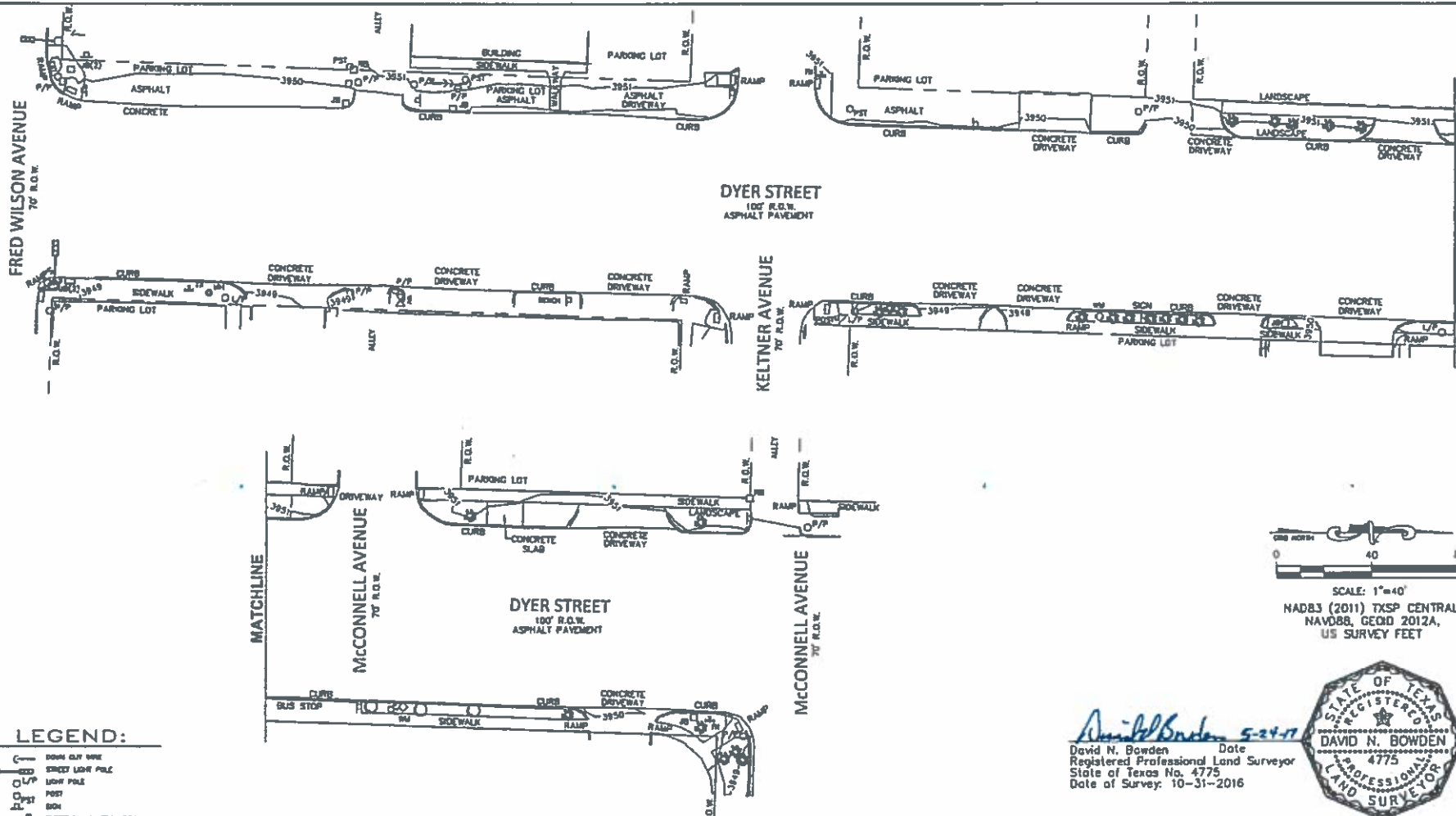


 AIA ENGINEERS LTD. 1000 West 10th Avenue, Suite 100 Anchorage, Alaska 99501 Phone: (907) 562-1111 Fax: (907) 562-1112		surroundings 1000 West 10th Avenue, Suite 100 Anchorage, Alaska 99501 Phone: (907) 562-1111 Fax: (907) 562-1112		 CITY OF ANCHORAGE Mayor: Dan Claitor City Manager: John F. Smith Planning Director: John F. Smith		PROJECT NAME CITY OF ANCHORAGE PEDESTRIAN IMPROVEMENTS		DATE 10/1/91		SCALE 1" = 100'		REVISIONS 1.0	
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PLANTING DETAIL KEYNOTES

8.1	THE PLANTING IN FIELD	1.700
8.2	THE PLANTING IN DUNE	1.700
8.3	GAMMAL IN CH	1.700
8.4	BOX PROFILES AT PLANTING BED	1.700



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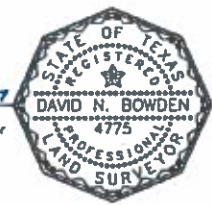
- 1" = 40'
- STREET LIGHT POLE
- UTILITY POLE
- POST
- BOX
- ELECTRICAL JUNCTION BOX
- POWER POLE
- SHRUB/PLANT
- TREE
- WATER METER
- FIRE HYDRANT
- WATER VALVE COVER
- WATER VALVE
- MANHOLE
- CONCRETE MASON
- BRICK MASON

NOTE:

This document represents a Topographic and Improvement Survey and No Boundary Survey was performed to establish street rights-of-way.



SCALE: 1"=40'
 NAD83 (2011) TXSP CENTRAL
 NAVD83, GEOID 2012A,
 US SURVEY FEET



David N. Bowden 5-24-17
 Date
 Registered Professional Land Surveyor
 State of Texas No. 4775
 Date of Survey: 10-31-2016

REV.	DATE	BY	DESCRIPTION
1	2/17/17	C.R.	REVISED TO 11X17 FORMAT

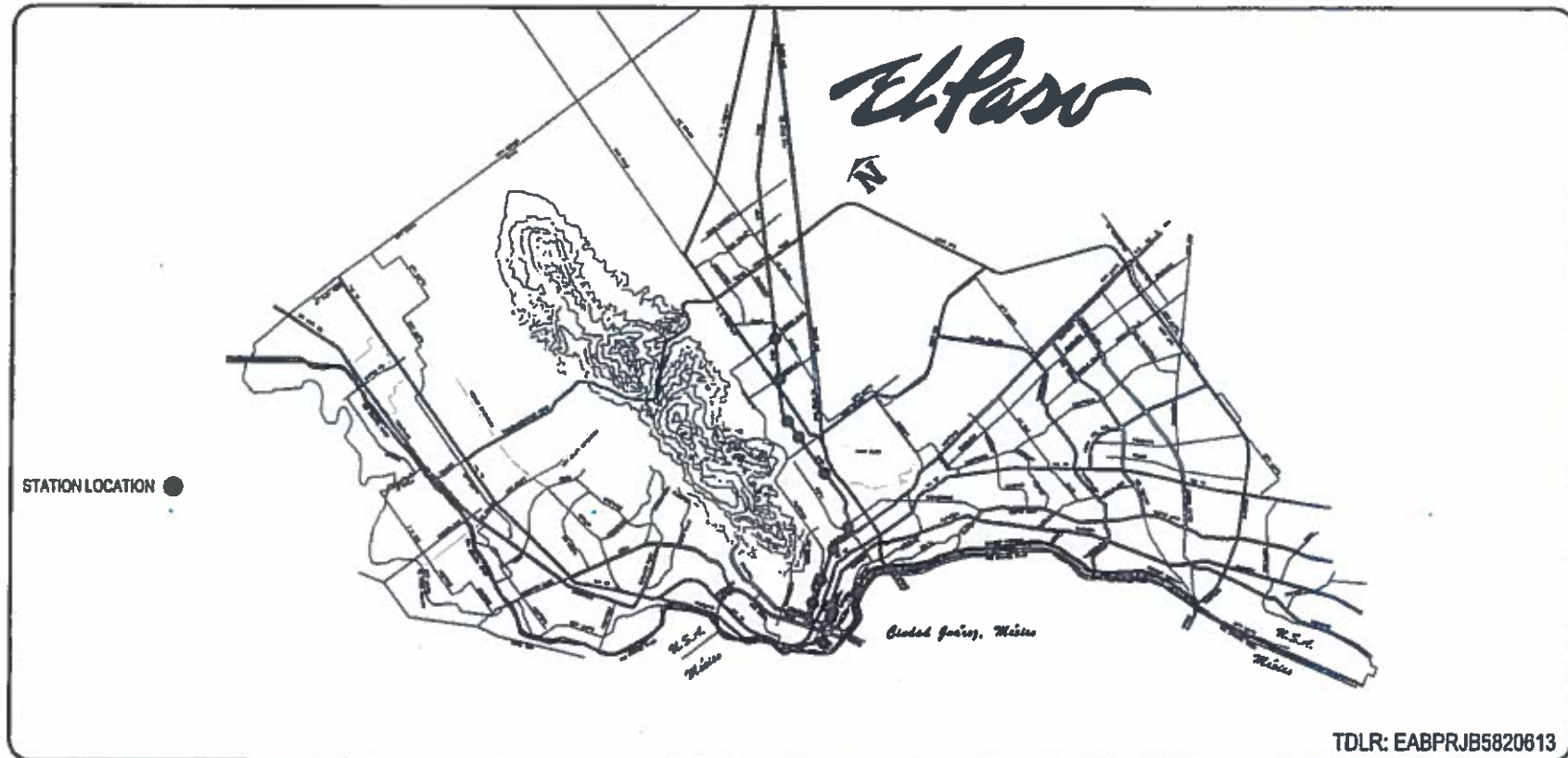
RTS TOPOGRAPHIC SURVEY
DYER STREET & FRED WILSON AVENUE
LIMITS - FACE OF CURB TO RIGHT OF WAY
CITY OF EL PASO
EL PASO COUNTY, TEXAS



FRANK E. SPENCER & ASSOCIATES, INC.
 Consulting Civil Engineers & Surveyors
 (915) 771-2000, (915) 771-0000
 1130 MONTANA AVE
 EL PASO, TX 79902
 P.O. (915) 833-4000 Fax: (915) 833-4673

DRAWN BY: C.R.
 FXSA JOB NO. 516550P

Attachment A (Continued)

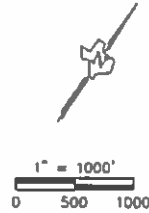


HUNT - ZOLLARS ENGINEERING / SURVEYING 5822 CROMO DRIVE SUITE 310 EL PASO, TEXAS 79912-5502 (915) 887-4339 / FAX (915) 887-5247 FIRM REGISTRATION 7-761	
TITLE SEE SHEET 2 FOR INDEX TO PLAN SHEETS	SHEET NO.

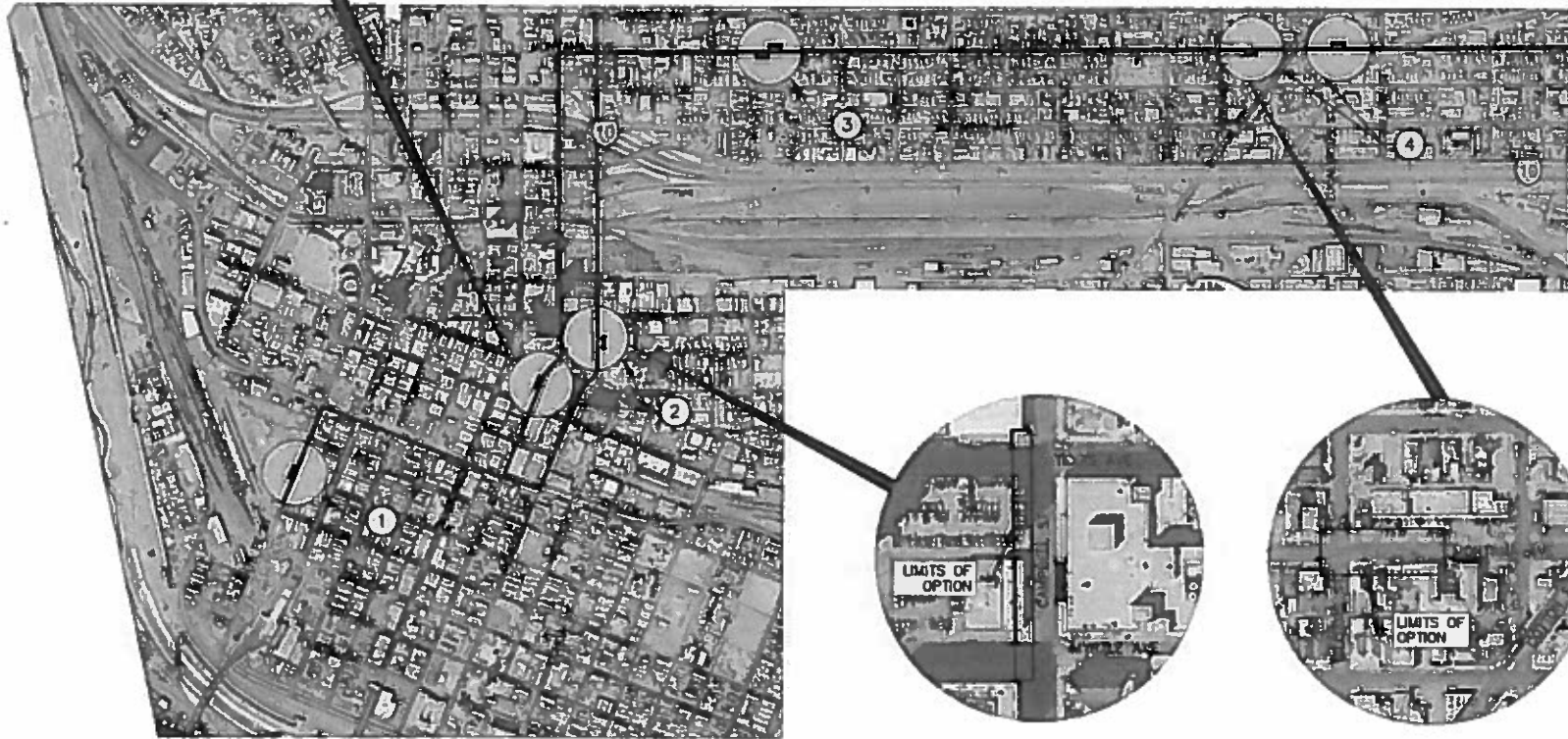
[Signature] City Engineer 5-17-16	[Signature] 5-17-16

DYER CORRIDOR RAPID TRANSIT SYSTEM VOLUME 1 (FHWA FUNDED ITEMS) CSJ 0167-02-050 PROJECT NUMBER: NH 2014 (543)	
	CAPITAL IMPROVEMENT CITY OF EL PASO 210 EL CAMPBELL STREET EL PASO, TEXAS 79901 TEL: 915.762.0000 FAX: 915.762.0000
238370 FILE NUMBER	

DYER CORRIDOR RAPID TRANSIT SYSTEM



- ① STATION 1 - DOWNTOWN TRANSIT CENTER (CITY R.O.W.)
- ② STATION 2 - KANSAS ST- INBOUND STATION:
FROM MYRTLE AVE TO OVERLAND AVE (CITY R.O.W.)
STATION 2 - CAMPBELL ST- OUTBOUND STATION:
FROM TEXAS AVE TO MYRTLE AVE (CITY R.O.W.)
- ③ STATION 3 - MONTANA AVE AND ST. VRAIN STATION:
FROM VIRGINIA ST TO OCTAVIA ST (CITY R.O.W.)
- ④ STATION 4 - MONTANA AVE AND COTTON ST STATION:
FROM WILLIAMS ST TO EUCALYPTUS ST (CITY R.O.W.)



MATCHLINE SHEET 2 of 4

<p>CAPITAL IMPROVEMENT CITY OF EL PASO 218 N. CAMPBELL STREET EL PASO, TEXAS 79901 TELE 916.312.0085 FAX 916.312.0086</p>	<p>HUIT-ZELLARS 1015 N. 10TH ST. SUITE 200 EL PASO, TEXAS 79901-3811 (915) 561-2329 FAX (915) 561-2321 www.huit-zellars.com</p>
<p>OVER RAPID TRANSIT SYSTEM</p>	
<p>PROJECT LAYOUT</p>	
<p>SHEET 1 OF 4</p>	
<p>CAPITAL IMPROVEMENT</p>	
<p>SHEET</p>	
<p>3 640</p>	



1" = 1000'

0 500 1000



- ⑤ STATION 5 - FIVE POINTS TRANSIT CENTER:
FROM BIRCH ST TO PIEDRAS ST (CITY R.O.W.)
- ⑥ STATION 6 - PERSHING DR AND COPIA ST STATION:
FROM GRAMA ST TO ALTA ST (CITY AND TXDOT
R.O.W.)



SCALE
Feet
Miles
1/4" = 100'
1/8" = 200'
1/2" = 400'
3/4" = 600'
1" = 800'
1 1/4" = 1000'

HUITT-ZOLLARS

218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TEL: 915.312.0003
FAX: 915.312.0004

OVER RAPID TRANSIT SYSTEM

PROJECT LAYOUT

SHEET 2 OF 4

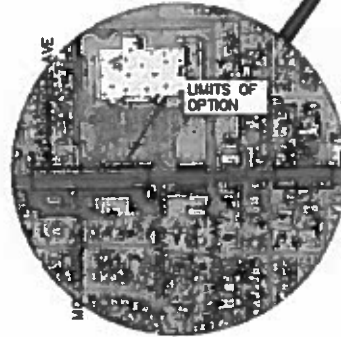
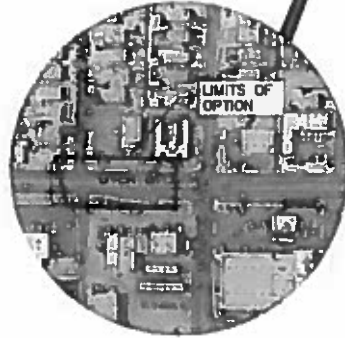
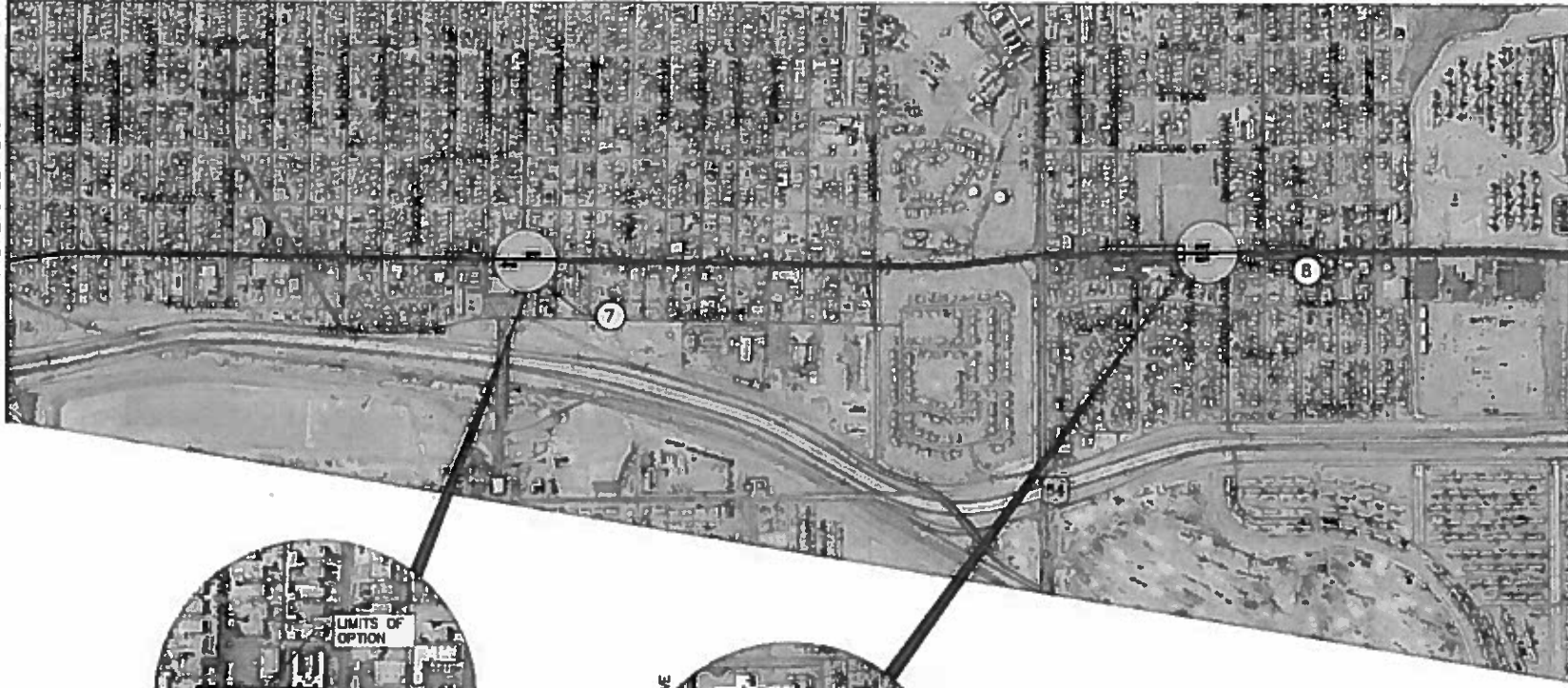
CAPITAL IMPROVEMENT
CITY OF EL PASO

218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TEL: 915.312.0003
FAX: 915.312.0004



SHEET

4 640



- ⑦ STATION 7 - DYER ST AND VAN BUREN AVE STATION:
FROM JEFFERSON AVE TO HARRISON AVE (TXDOT R.O.W.)
- ⑧ STATION 8 - DYER ST AND BROADUS AVE STATION:
FROM McCONNELL AVE TO FLORY AVE (TXDOT R.O.W.)

CAPITAL IMPROVEMENT
CITY OF EL PASO



218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.212.2085
FAX 915.212.2086

DYER RAPID TRANSIT SYSTEM

PROJECT LAYOUT

SHEET 3 OF 4

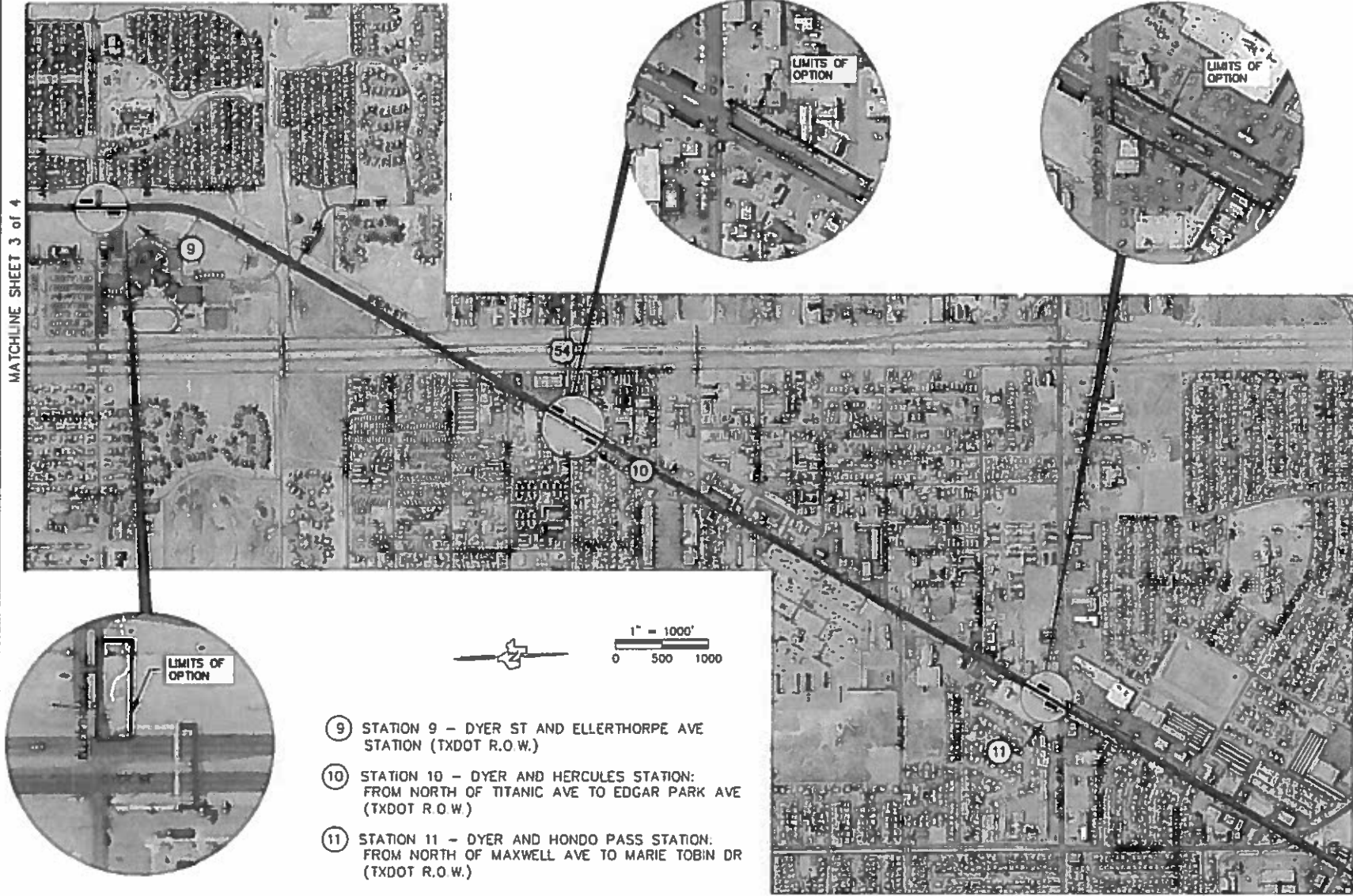
HUIT-ZILLARS

4000 NORTH LOOP WEST, SUITE 200
EL PASO, TEXAS 79912-1000
PHONE 915.763.1000
FAX 915.763.1001

SCALE

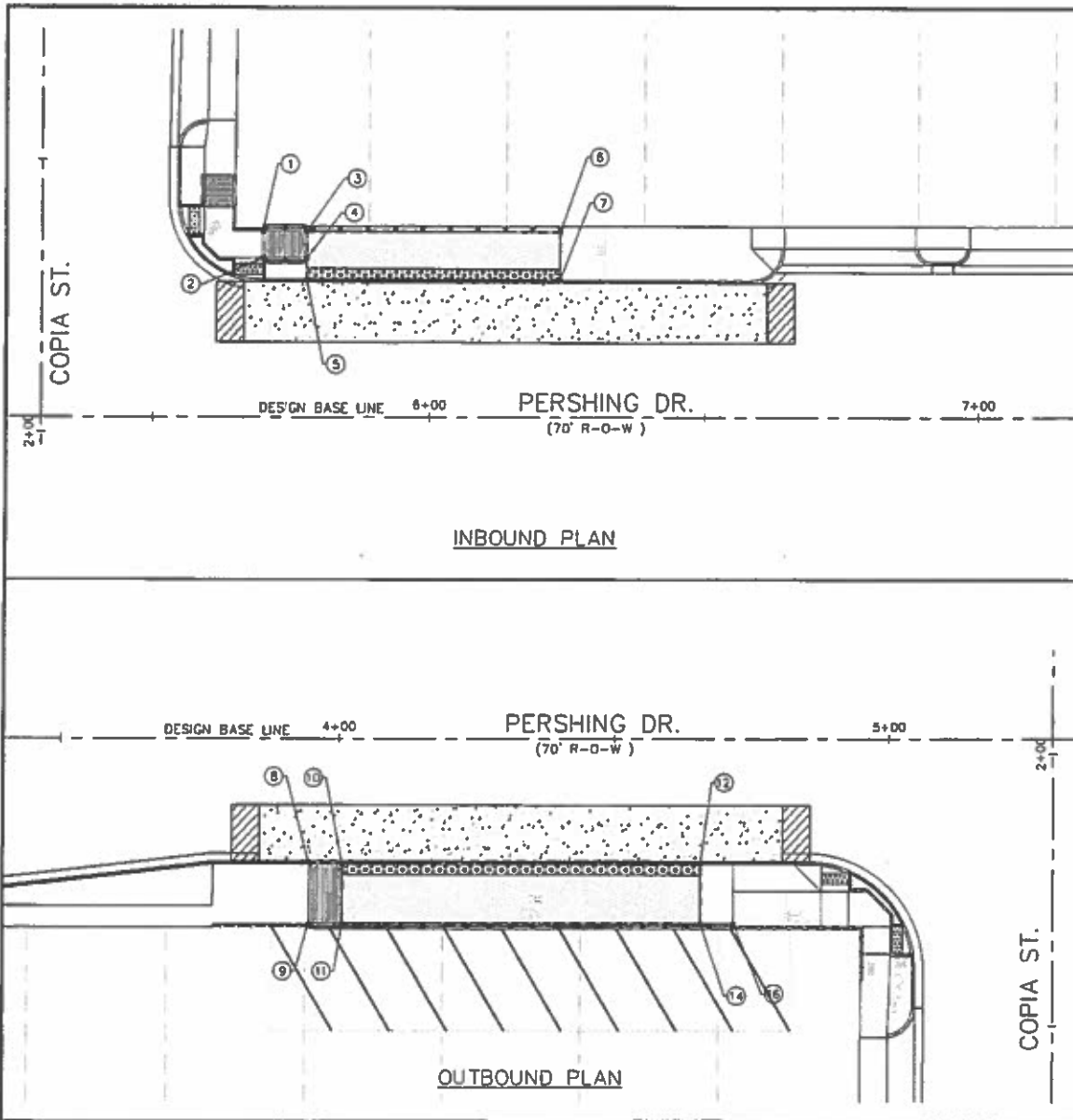
1" = 1000'
1" = 1000'
1" = 1000'
1" = 1000'





- ⑨ STATION 9 - DYER ST AND ELLERTHORPE AVE STATION (TXDOT R.O.W.)
- ⑩ STATION 10 - DYER AND HERCULES STATION: FROM NORTH OF TITANIC AVE TO EDGAR PARK AVE (TXDOT R.O.W.)
- ⑪ STATION 11 - DYER AND HONDO PASS STATION: FROM NORTH OF MAXWELL AVE TO MARIE TOBIN DR (TXDOT R.O.W.)

CAPITAL IMPROVEMENT CITY OF EL PASO 218 N. CAMPBELL STREET EL PASO, TEXAS 79901 TELE 915/312-0005 FAX 915/312-0006	OVER RAPID TRANSIT SYSTEM PROJECT LAYOUT SHEET 4 OF 4
HUNT-ZOLLARS 1000 N. CAMPBELL STREET EL PASO, TEXAS 79901-0001 PHONE 915/312-0005 FAX 915/312-0006	SCALE 1" = 1000' DATE DRAWN BY CHECKED BY APPROVED BY AM NO.



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CURB
- PROPOSED CURB
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK



NOTES

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS.
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

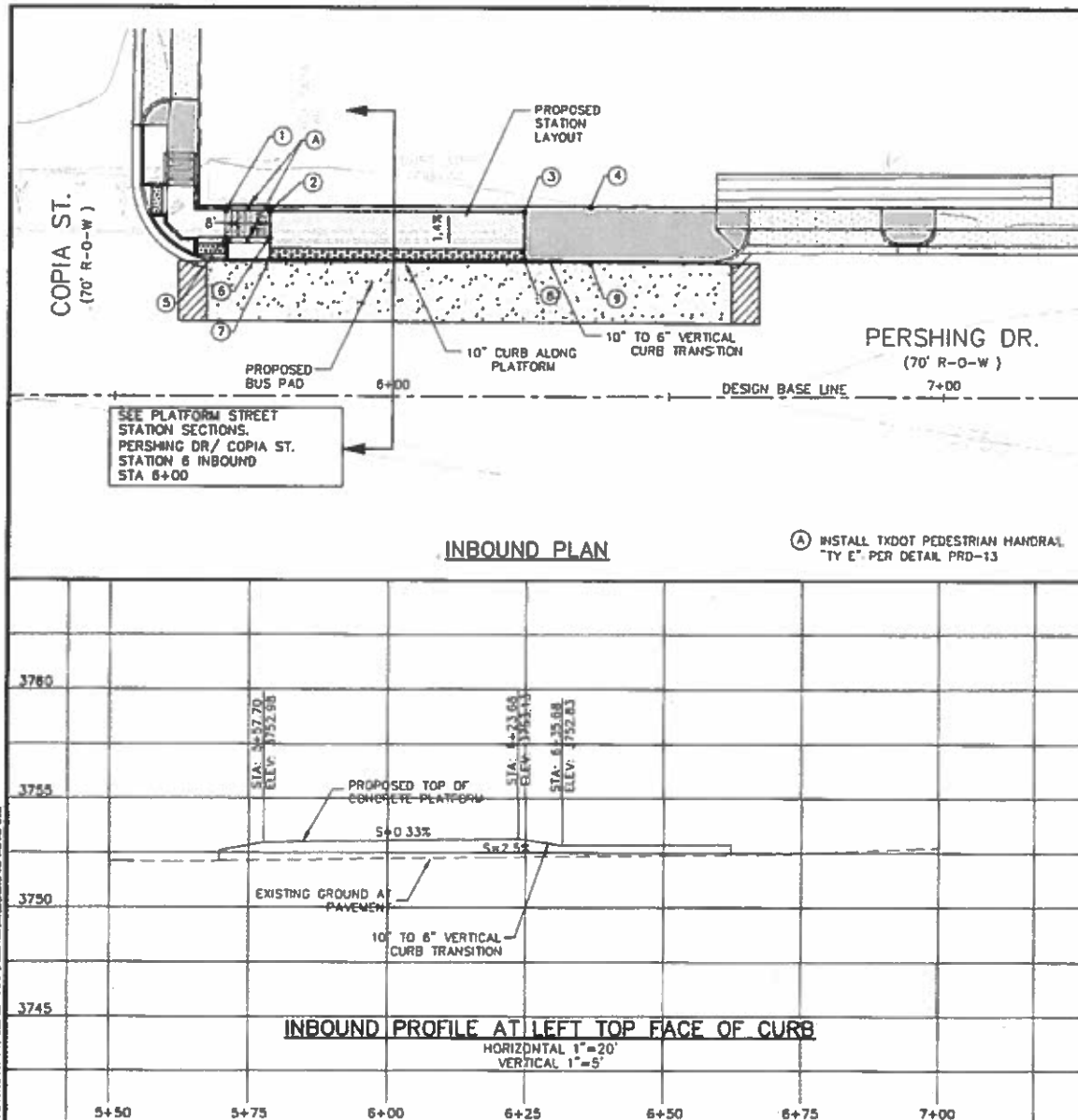
HORIZONTAL CONTROL DATA SUMMARY			
POINT NO.	DESCRIPTION	STATION	OFFSET
INBOUND	1 BOTTOM OF RAMP	5+69.72	34.07' L
	2 BOTTOM OF RAMP	5+69.72	29.18' L
	3 EDGE OF PLATFORM	5+77.72	34.07' L
	4 TOP OF RAMP	5+77.72	29.18' L
	5 TOP OF CURB	5+77.70	25.28' L
	6 EDGE OF PLATFORM	6+23.70	33.97' L
	7 TOP OF CURB	6+23.68	25.17' L
OUTBOUND	8 TOP OF CURB	3+94.72	23.04' R
	9 BOTTOM OF RAMP	3+94.72	34.04' R
	10 TOP OF CURB	4+00.72	23.04' R
	11 EDGE OF PLATFORM	4+00.72	34.04' R
	12 TOP OF CURB	4+65.72	23.05' R
	14 EDGE OF PLATFORM	4+65.72	34.05' R
	16 SIDEWALK	4+71.71	34.05' R

HUIT-ZILLIANS
 11000 GREENBERRY BLVD. SUITE 100
 EL PASO, TEXAS 79914-1400
 PHONE 915.212.0005
 FAX 915.212.0008

CAPITAL IMPROVEMENT
CITY OF EL PASO
 318 N. CAMPBELL STREET
 EL PASO, TEXAS 79901
 TELE 915.212.0005
 FAX 915.212.0008

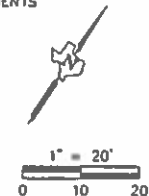
STATION 6
INBOUND/OUTBOUND

126 of 640



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CONTOUR
- ← DRAINAGE FLOW DIRECTION
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK



NOTES:

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS.
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERIMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

VERTICAL CONTROL DATA SUMMARY		
POINT NO	DESCRIPTION	ELEVATION
INBOUND	1 BOTTOM OF RAMP	3752.45
	2 EDGE OF PLATFORM	3753.10
	3 EDGE OF PLATFORM	3753.30
	4 SIDEWALK	3753.00
	5 BOTTOM OF RAMP	3752.40
	6 EDGE OF PLATFORM	3753.05
	7 EDGE OF PLATFORM	3752.98
	8 EDGE OF PLATFORM	3753.13
	9 TOP OF CURB	3752.83



CITY OF EL PASO

CAPITAL IMPROVEMENT

210 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.212.0065
FAX 915.212.0068

OVER RAMP TRANSIT SYSTEM

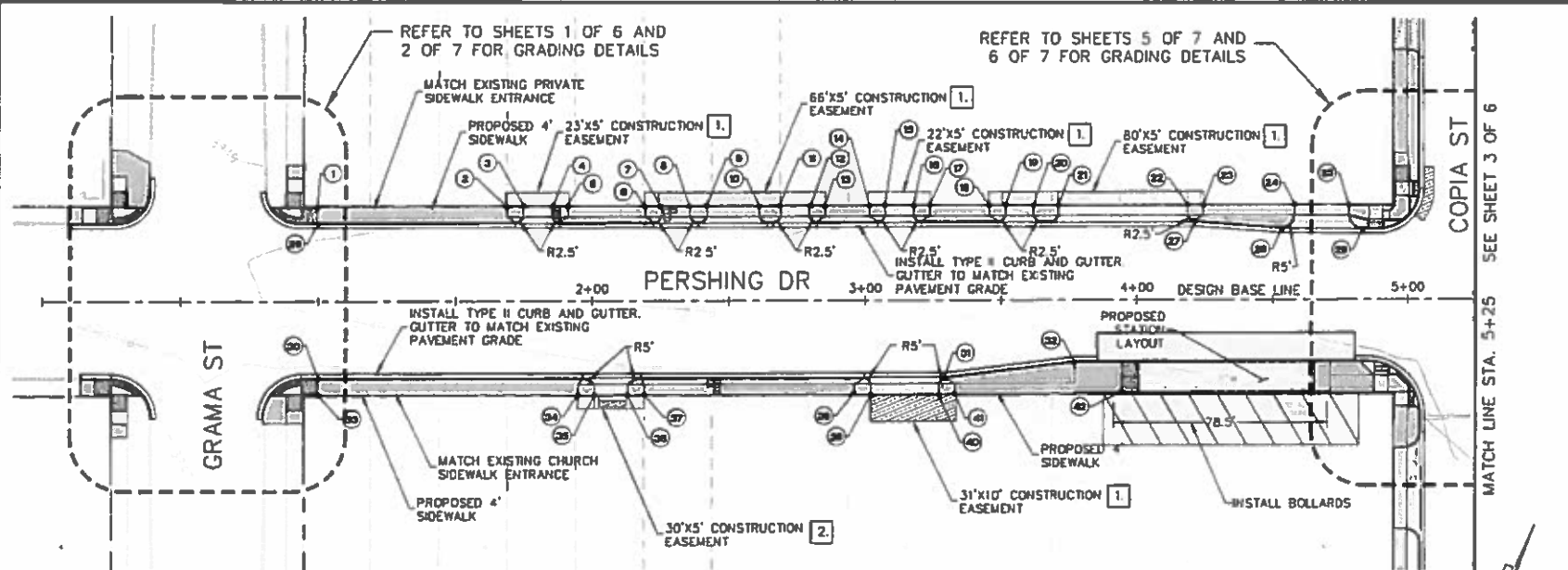
PERSHING DR/COPIA ST

STATION 6, INBOUND

GRADING PLAN AND PROFILE

HEET

127 of 640



POINTS	STATION	OFFSET	ELEVATION
1	1+00	35.00 L	SW 3749.35
2	1+68.91	35.00 L	SW 3749.91
3	1+74.91	35.00 L	SW 3749.55
4	1+85.30	35.00 L	SW 3749.69
5	1+91.30	35.00 L	SW 3749.92
6	2+19.52	35.00 L	SW 3750.08
7	2+25.52	35.00 L	SW 3750.03
8	2+35.76	35.00 L	SW 3750.00
9	2+42.18	35.00 L	SW 3750.00
10	2+61.18	35.00 L	SW 3750.08
11	2+69.19	35.00 L	SW 3750.18
12	2+79.47	35.00 L	SW 3750.38
13	2+85.47	35.00 L	SW 3750.61
14	3+01.72	35.00 L	SW 3750.80
15	3+07.72	35.00 L	SW 3750.49
16	3+18.00	35.00 L	SW 3750.44
17	3+24.00	35.00 L	SW 3750.93
18	3+46.01	35.00 L	SW 3751.05
19	3+52.01	35.00 L	SW 3750.69
20	3+62.04	35.00 L	SW 3750.77
21	3+71.51	35.00 L	SW 3750.85
22	4+18.82	35.00 L	SW 3751.20
23	4+24.78	35.00 L	SW 3751.40
24	4+58.43	35.00 L	SW 3751.62
25	4+78.43	35.00 L	SW 3752.00

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER

POINTS	STATION	OFFSET	ELEVATION
26	1+00	29.00 L	TBC 3749.30
27	4+21.74	29.00 L	TBC 3751.37
28	4+53.08	26.50 L	TBC 3751.65
29	4+83.43	26.50 L	TBC 3751.84
30	1+00	28.50 R	TBC 3748.20
31	3+29.58	28.50 R	TBC 3749.72
32	3+77.38	23.00 R	TBC 3750.44
33	1+00	35.00 R	SW 3748.30
34	1+94.95	35.00 R	SW 3748.94
35	2+00.95	35.00 R	SW 3749.02
36	2+13.18	35.00 R	SW 3749.11
37	2+19.18	35.00 R	SW 3749.34
38	2+98.32	35.00 R	SW 3749.78
39	3+02.32	35.00 R	SW 3749.51
40	3+27.32	35.00 R	SW 3749.57
41	3+33.32	35.00 R	SW 3750.05
42	3+84.72	35.00 R	SW 3750.70

CONSTRUCTION NOTE

- REPLACEMENT OF PROPOSED CONCRETE OR ASPHALT PAVEMENT WITHIN THE PRIVATE CONSTRUCTION EASEMENT SHALL BE RE-GRADED (5% MAX CROSS SLOPE) TO MATCH THE PROPOSED BACK OF SIDEWALK AND PROPOSED DRIVEWAY ELEVATIONS.
- RECONSTRUCT PRIVATE LANDSCAPE, CURB, AND PAVEMENT TO MATCH PROPOSED SIDEWALK AND DRIVEWAY ELEVATIONS. EXISTING PRIVATE FENCE GATE AND RAIL TO BE SIZED AND RE-ALIGNED TO ACCOMMODATE PROPOSED DRIVEWAY ELEVATIONS.

NOTES

- ALL EXISTING UTILITY GROUND BOXES, PULL BOXES, AND HANDHOLE RIM ELEVATIONS TO BE VERTICALLY ADJUSTED TO PROPOSED GRADE.
- ALL STATION AND OFFSETS SHOWN ON THIS SHEETS CORRESPOND TO PERSHING ALIGNMENT.
- TYPE II CURB AND GUTTER STATION AND OFFSETS ARE TO BACK OF CURB. ELEVATIONS ARE PROPOSED TOP OF CURB.
- SIDEWALK STATION AND OFFSETS ARE TO BACK OF SIDEWALK ALONG R.O.W. ELEVATIONS ARE PROPOSED TOP OF SIDEWALK.
- REFER TO LANDSCAPE PLAN SHEETS FOR FURTHER DETAILS.

LEGEND:

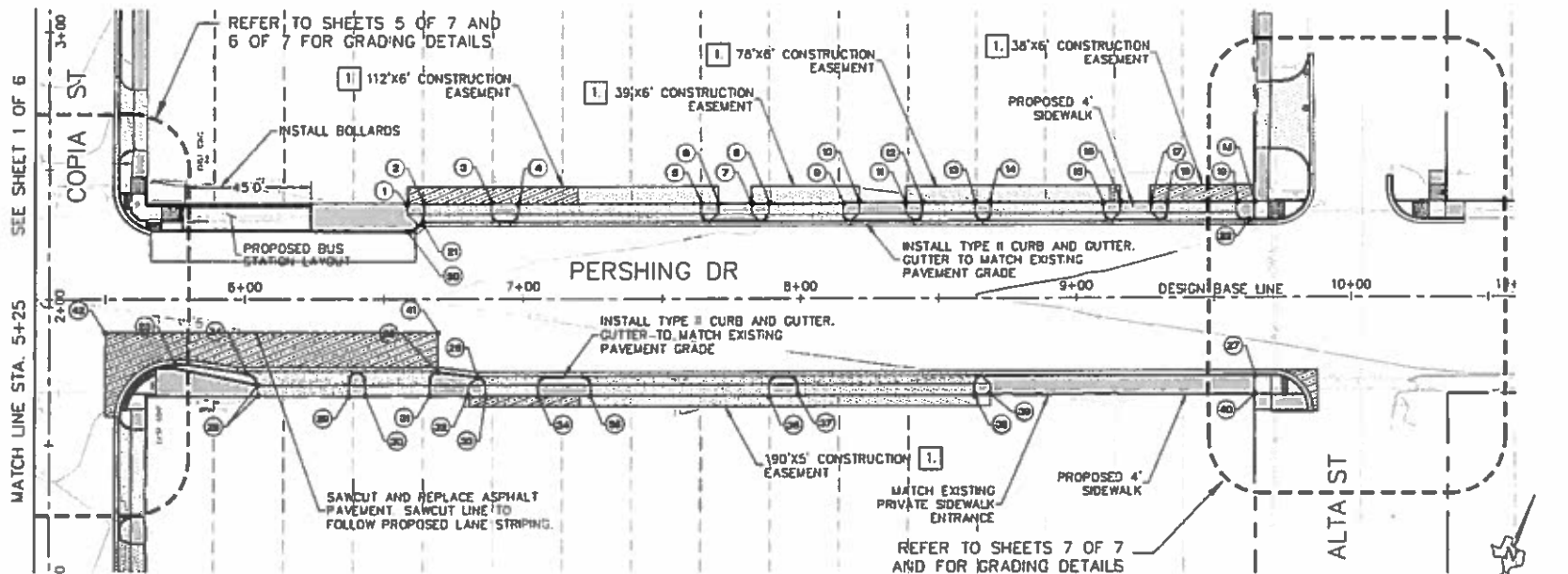
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS

CITY OF EL PASO
CAPITAL IMPROVEMENT

OVER RAPID TRANSIT SYSTEM
PERSHING DR/COPIA ST
STATION 6
SIDEWALK PLAN
SHEET 1 OF 7

HAUT-23145
SEE PLANS FOR STATION
NO. 10-1131 / 7-12-03-101
DATE 10-11-03
BY J. H. HARRIS
FOR SUBMITTAL 7-11-03

135 of **640**



POINTS	STATION	OFFSET	ELEVATION
1	6+58.50	35.00 L	SW 3753.14
2	6+64.50	35.00 L	SW 3752.76
3	6+88.50	35.00 L	SW 3752.95
4	6+98.37	35.00 L	SW 3752.98
5	7+64.37	35.00 L	SW 3753.26
6	7+70.37	35.00 L	SW 3753.48
7	7+82.46	35.00 L	SW 3753.54
8	7+88.46	35.00 L	SW 3753.34
9	8+15.46	35.00 L	SW 3753.39
10	8+21.46	35.00 L	SW 3753.69
11	8+38.39	35.00 L	SW 3753.80
12	8+44.34	35.00 L	SW 3753.53
13	8+63.34	35.00 L	SW 3753.68
14	8+69.34	35.00 L	SW 3753.70
15	9+10.34	35.00 L	SW 3753.93
16	9+16.34	35.00 L	SW 3754.20
17	9+27.39	35.00 L	SW 3754.22
18	9+33.39	35.00 L	SW 3753.98
19	9+58.39	35.00 L	SW 3754.07
20	9+58.49	25.07 L	TBC 3753.91
21	9+63.92	28.50 L	GUT 3752.38
22	9+61.39	28.50 L	TBC 3754.19
23	9+74.11	23.00 R	TBC 3751.82
24	9+00.59	27.00 R	TBC 3751.90
25	9+69.45	27.00 R	TBC 3752.50

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER

POINTS	STATION	OFFSET	ELEVATION
26	6+63.69	28.50 R	TBC 3752.52
27	9+71.54	28.50 R	TBC 3754.10
28	6+04.69	35.00 R	SW 3751.60
29	6+37.34	35.00 R	SW 3752.08
30	6+43.33	35.00 R	SW 3752.21
31	6+66.44	35.00 R	SW 3752.48
32	6+80.43	35.00 R	SW 3752.55
33	6+86.43	35.00 R	SW 3752.40
34	7+05.47	35.00 R	SW 3752.56
35	7+24.42	35.00 R	SW 3752.63
36	7+88.74	35.00 R	SW 3753.02
37	7+99.21	35.00 R	SW 3753.10
38	8+63.02	35.00 R	SW 3753.38
39	8+69.02	35.00 R	SW 3753.70
40	9+65.00	35.00 R	SW 3754.10
41	6+69.45	16.00 R	TP 3752.52
42	5+50.11	16.00 R	TP 3751.71

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER
TP=TOP OF PAVEMENT
CONSTRUCTION NOTE

1. REPLACEMENT OF PROPOSED CONCRETE OR ASPHALT PAVEMENT WITHIN THE PRIVATE CONSTRUCTION EASEMENT SHALL BE RE-GRADED (5% MAX CROSS SLOPE) TO MATCH THE PROPOSED BACK OF SIDEWALK AND PROPOSED DRIVEWAY ELEVATIONS.

NOTES

- ALL EXISTING UTILITY GROUND BOXES, PULL BOXES, AND HANDHOLE RIM ELEVATIONS TO BE VERTICALLY ADJUSTED TO PROPOSED GRADE.
- ALL STATION AND OFFSETS SHOWN ON THIS SHEETS CORRESPOND TO PERSHING ALIGNMENT.
- TYPE II CURB AND GUTTER STATION AND OFFSETS ARE TO BACK OF CURB. ELEVATIONS ARE PROPOSED TOP OF CURB.
- SIDEWALK STATION AND OFFSETS ARE TO BACK OF SIDEWALK ALONG R.O.W. ELEVATIONS ARE PROPOSED TOP OF SIDEWALK.
- REFER TO LANDSCAPE PLAN SHEETS FOR FURTHER DETAILS.

LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS



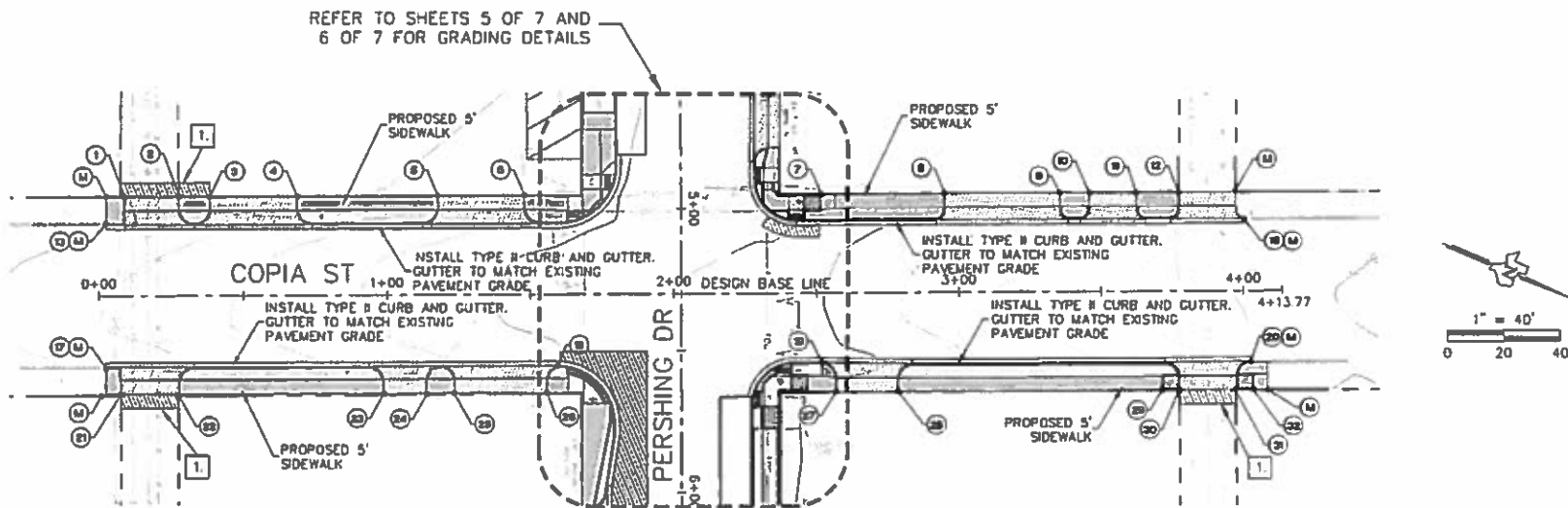
SCALE
1" = 40'

HUIT - 27 JULY
J. PAUL HUIT
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
NO. 10416
EXPIRATION DATE 12/31/2006

DYER RAPID TRANSIT SYSTEM
PERSHING DR/COPIA ST
STATION 6
SIDEWALK PLAN
SHEET 3 OF 7

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 910.712.0005
FAX 910.712.0006

SHEET



POINTS	STATION	OFFSET	ELEVATION
1	0+09.04	35.00 L	SW 3746.99
2	0+27.71	35.00 L	SW 3747.98
3	0+38.66	35.00 L	SW 3748.20
4	0+68.61	35.00 L	SW 3748.75
5	1+17.90	35.00 L	SW 3749.83
6	1+47.82	35.00 L	SW 3750.55
7	2+51.67	35.00 L	SW 3752.72
8	2+95.48	35.00 L	SW 3753.94
9	3+35.83	35.00 L	SW 3755.03
10	3+48.11	35.00 L	SW 3755.36
11	3+82.76	35.00 L	SW 3755.76
12	3+77.72	35.00 L	SW 3756.26
13	0+02.56	25.50 L	GUT 3746.85
16	4+00.54	25.50 L	GUT 3756.15
17	0+02.56	25.50 R	GUT 3747.40
18	1+60.25	25.50 R	GUT 3750.55
19	2+52.24	25.50 R	GUT 3752.48
20	4+02.68	25.50 R	GUT 3756.50
21	0+07.69	35.00 R	SW 3748.10
22	0+27.90	35.00 R	SW 3748.20
23	0+68.72	35.00 R	SW 3749.87
24	1+13.74	35.00 R	SW 3750.28
25	1+23.67	35.00 R	SW 3750.40

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER

POINTS	STATION	OFFSET	ELEVATION
26	1+55.68	35.00 R	SW 3750.81
27	2+92.09	35.00 R	SW 3753.27
28	2+78.84	35.00 R	SW 3753.79
29	3+71.69	35.00 R	SW 3756.66
30	3+77.69	35.00 R	SW 3756.16
31	3+97.69	35.00 R	SW 3756.39
32	4+03.69	35.00 R	SW 3756.89

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER

CONSTRUCTION NOTE

1. REPLACEMENT OF PROPOSED CONCRETE OR ASPHALT PAVEMENT WITHIN THE PRIVATE CONSTRUCTION EASEMENT SHALL BE RE-GRADED (5% MAX CROSS SLOPE) TO MATCH THE PROPOSED BACK OF SIDEWALK AND PROPOSED DRIVEWAY ELEVATIONS.

NOTES

- ALL EXISTING UTILITY GROUND BOXES, PULL BOXES, AND HANDHOLE RIM ELEVATIONS TO BE VERTICALLY ADJUSTED TO PROPOSED GRADE.
- ALL STATION AND OFFSETS SHOWN ON THIS SHEETS CORRESPOND TO COPIA ALIGNMENT.
- TYPE II CURB AND GUTTER STATION AND OFFSETS ARE TO BACK OF CURB. ELEVATIONS ARE PROPOSED TOP OF CURB.
- SIDEWALK STATION AND OFFSETS ARE TO BACK OF SIDEWALK ALONG R.O.W. ELEVATIONS ARE PROPOSED TOP OF SIDEWALK.
- REFER TO LANDSCAPE PLAN SHEETS FOR FURTHER DETAILS.

LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS



SCALE
1" = 40'

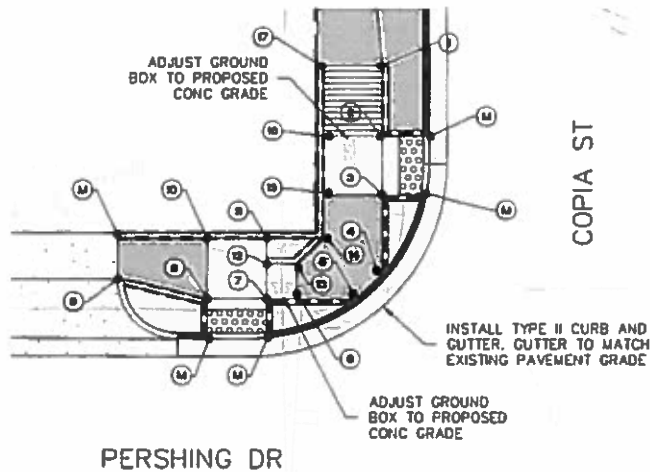
HUNT-ZOLLARS
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TEL 915.212.0083
FAX 915.212.0088

OVER RAPID TRANSIT SYSTEM
PERSHING DR/COPIA ST
STATION 6
SIDEWALK PLAN
SHEET 4 OF 7

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TEL 915.212.0083
FAX 915.212.0088

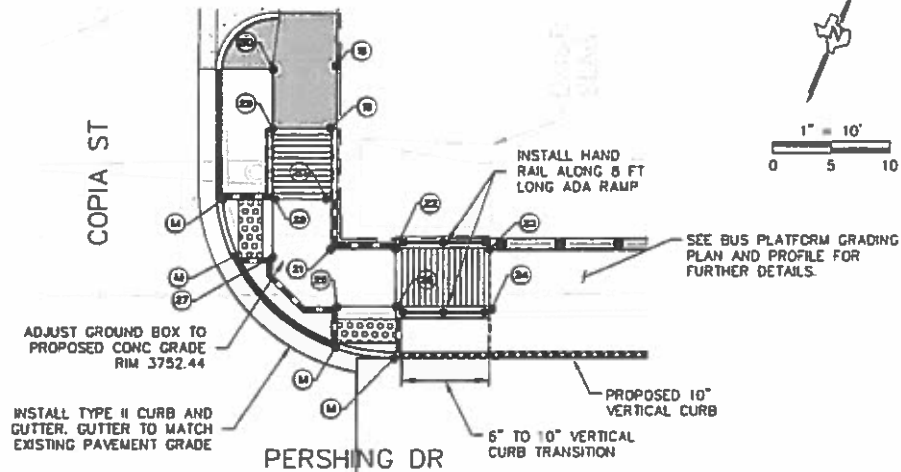


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POINTS	STATION	OFFSET	ELEVATION
1	5+00.68	49.20 L	SW 3752.62
2	5+00.68	43.20 L	SW 3752.12
3	5+00.68	38.20 L	SW 3752.12
4	5+00.68	31.44 L	SW 3752.04
5	4+98.40	29.28 L	SW 3752.04
6	4+93.41	29.28 L	SW 3751.96
7	4+90.91	29.28 L	SW 3751.76
8	4+85.91	29.28 L	SW 3751.68
9	4+78.43	30.96 L	SW 3751.90
10	4+85.91	34.49 L	SW 3751.78
11	4+90.91	34.50 L	SW 3751.86
12	4+90.91	32.28 L	SW 3751.82
13	4+93.41	32.28 L	SW 3752.02
14	4+95.68	34.50 L	SW 3752.08
15	4+95.68	38.18 L	SW 3752.22
16	4+95.68	43.18 L	SW 3752.22
17	4+95.68	49.18 L	SW 3752.72

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER



POINTS	STATION	OFFSET	ELEVATION
18	5+64.78	49.49 L	SW 3753.17
19	5+64.24	44.50 L	SW 3753.07
20	5+64.24	38.50 L	SW 3752.57
21	5+64.24	34.18 L	SW 3752.47
22	5+69.72	34.18 L	SW 3752.50
23	5+77.72	34.18 L	SW 3753.06
24	5+77.71	29.18 L	SW 3753.01
25	5+69.72	29.18 L	SW 3752.40
26	5+64.72	29.18 L	SW 3752.37
27	5+59.24	33.52 L	SW 3752.40
28	5+59.24	38.52 L	SW 3752.50
29	5+59.24	44.52 L	SW 3753.00
30	5+59.24	49.54 L	SW 3753.07

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER

NOTES

1. ALL EXISTING UTILITY GROUND BOXES, PULL BOXES, AND HANDHOLE RIM ELEVATIONS TO BE VERTICALLY ADJUSTED TO PROPOSED GRADE.
2. ALL STATION AND OFFSETS SHOWN ON THIS SHEETS CORRESPOND TO PERSHING ALIGNMENT.
3. TYPE II CURB AND GUTTER STATION AND OFFSETS ARE TO BACK OF CURB. ELEVATIONS ARE PROPOSED TOP OF CURB.
4. SIDEWALK STATION AND OFFSETS ARE TO BACK OF SIDEWALK ALONG R.O.W. ELEVATIONS ARE PROPOSED TOP OF SIDEWALK.
5. REFER TO LANDSCAPE PLAN SHEETS FOR FURTHER DETAILS.

LEGEND

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS



SCALE
DATE
BY
CHECKED BY
DESIGNED BY
DRAWN BY
PROJECT NO.
SHEET NO.

HUIT-ZILIAN
10111 CAMPBELL STREET
EL PASO, TEXAS 79901
TEL: 915.211.0065
FAX: 915.211.0066

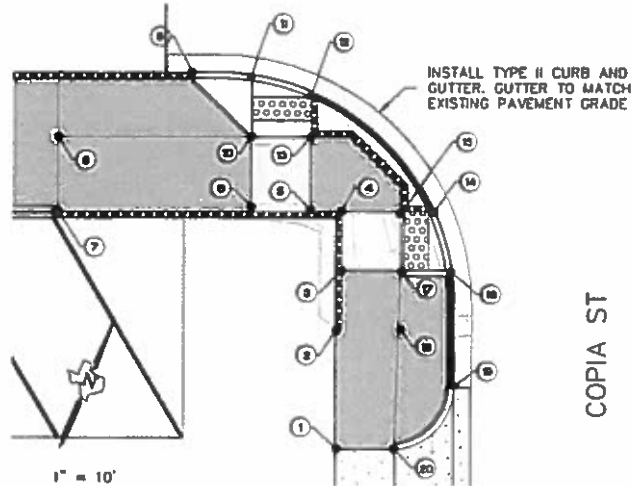
CITY OF EL PASO
STATION 8
SIDEWALK PLAN
SHEET 5 OF 7

CAPITAL IMPROVEMENT
CITY OF EL PASO
2111 CAMPBELL STREET
EL PASO, TEXAS 79901
TEL: 915.211.0065
FAX: 915.211.0066



SHEET

PERSHING DR

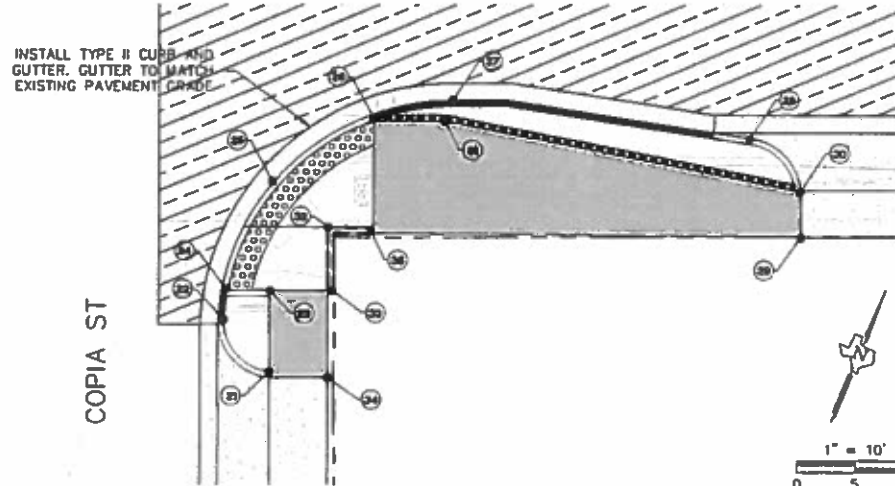


COPIA ST

POINTS	STATION	OFFSET	ELEVATION
1	4+95.00	54.87 R	SW 3750.55
2	4+95.00	44.50 R	SW 3750.80
3	4+95.50	39.50 R	SW 3750.80
4	4+95.50	34.50 R	SW 3750.90
5	4+92.83	34.50 R	SW 3750.95
6	4+87.84	34.50 R	SW 3751.10
7	4+71.71	34.50 R	SW 3751.20
8	4+71.71	28.05 R	SW 3751.15
9	4+64.62	23.00 R	GUT 3750.60
10	4+67.84	28.05 R	SW 3751.00
11	4+67.84	23.00 R	GUT 3750.82
12	4+92.83	24.70 R	GUT 3750.92
13	4+92.83	28.05 R	SW 3751.00
14	5+03.27	34.50 R	GUT 3750.75
15	5+00.50	34.50 R	SW 3750.85
16	5+04.73	39.50 R	GUT 3750.65
17	5+00.50	39.50 R	SW 3750.85
18	5+00.50	44.50 R	SW 3750.75
19	5+04.87	49.45 R	GUT 3750.39
20	5+00	54.87 R	SW 3750.50

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER

PERSHING DR



COPIA ST

POINTS	STATION	OFFSET	ELEVATION
21	5+59.50	47.00 R	SW 3750.75
22	5+55.61	42.45 R	GUT 3750.65
23	5+59.50	39.50 R	SW 3750.80
24	5+55.96	39.50 R	GUT 3750.65
25	5+60.31	30.54 R	GUT 3750.95
26	5+68.40	24.94 R	GUT 3751.15
27	5+75.13	23.75 R	GUT 3751.32
28	6+00.59	27.03 R	GUT 3751.40
29	6+04.89	35.00 R	SW 3751.60
30	6+04.89	31.00 R	SW 3751.60
31	5+74.54	25.00 R	SW 3751.25
32	5+64.50	34.15 R	SW 3751.00
33	5+64.50	39.50 R	SW 3750.90
34	5+64.50	47.00 R	SW 3750.81
35	5+68.32	34.18 R	SW 3751.15

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER

NOTES

1. ALL EXISTING UTILITY GROUND BOXES, PULL BOXES, AND HANDHOLE RIM ELEVATIONS TO BE VERTICALLY ADJUSTED TO PROPOSED GRADE.
2. ALL STATION AND OFFSETS SHOWN ON THIS SHEETS CORRESPOND TO PERSHING ALIGNMENT.
3. TYPE II CURB AND GUTTER STATION AND OFFSETS ARE TO BACK OF CURB. ELEVATIONS ARE PROPOSED TOP OF CURB.
4. SIDEWALK STATION AND OFFSETS ARE TO BACK OF SIDEWALK ALONG R.O.W. ELEVATIONS ARE PROPOSED TOP OF SIDEWALK.
5. REFER TO LANDSCAPE PLAN SHEETS FOR FURTHER DETAILS.

LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS

SCALE

1" = 10'

HUITT-ZOLLARS

218 N. CAMPBELL STREET

EL PASO, TEXAS 79901

TELE 915.772.0005

FAX 915.772.0006

CAPITAL IMPROVEMENT

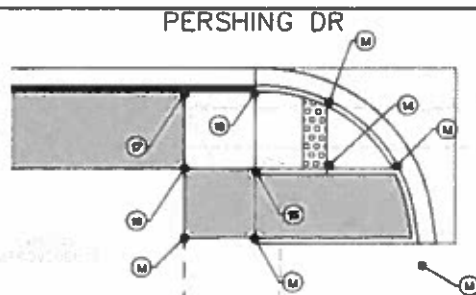
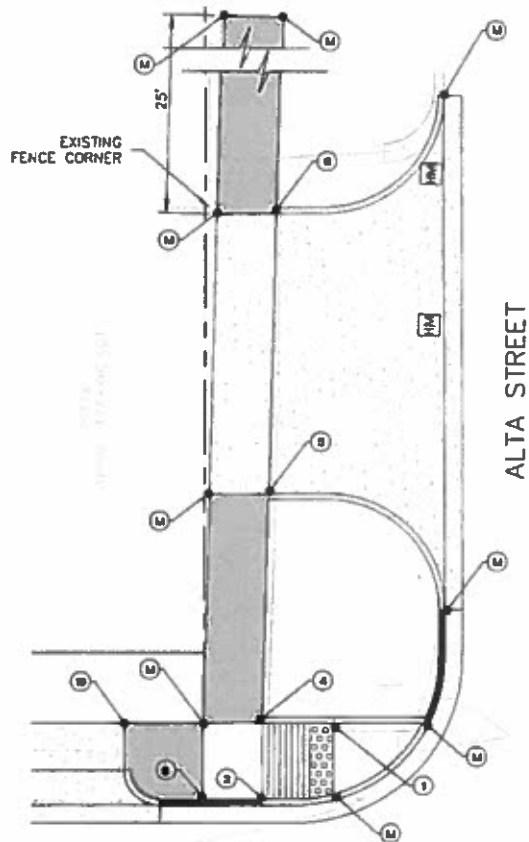
CITY OF EL PASO

STATION 6

SIDEWALK PLAN

SHEET 6 OF 7

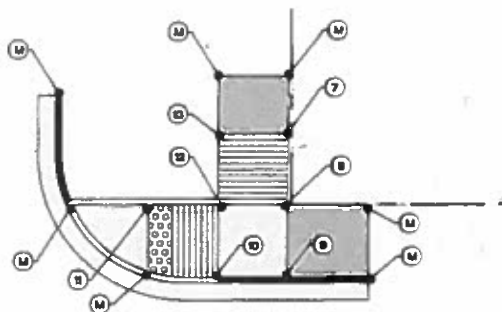
140 of 640



SIDEWALK LIMITS				
POINTS	STATION	OFFSET	ELEVATION	
1	9+76.00	35.00 L	SW	3754.10
2	9+70.00	28.50 L	SW	3754.38
3	9+65.00	28.50 L	SW	3754.28
4	9+70.00	35.00 L	SW	3754.40
5	9+70.47	54.67 L	SW	3754.60
6	9+71.05	78.68 L	SW	3755.46
7	10+34.70	40.94 L	SW	3755.40
8	10+34.59	34.94 L	SW	3754.90
9	10+34.59	28.79 L	SW	3754.82
10	10+28.75	28.79 L	SW	3754.78
11	10+22.76	34.94 L	SW	3754.38
12	10+28.75	34.94 L	SW	3754.88
13	10+28.75	40.94 L	SW	3755.38
14	9+77.00	35.00 R	SW	3753.60
15	9+71.00	35.00 R	SW	3754.10
16	9+65.00	35.00 R	SW	3754.10
17	9+65.00	28.40 R	SW	3754.10
18	9+71.00	28.40 R	SW	3754.20
19	9+58.39	35.00 L	SW	3754.10

TBC=TOP BACK OF CURB SW=SIDEWALK CUT=CURT

ALTA STREET



PERSHING DR



NOTES

1. ALL EXISTING UTILITY GROUND BOXES, PULL BOXES, AND HANDHOLE RM ELEVATIONS TO BE VERTICALLY ADJUSTED TO PROPOSED GRADE.
2. ALL STATION AND OFFSETS SHOWN ON THIS SHEETS CORRESPOND TO PERSHING ALIGNMENT.
3. TYPE II CURB AND GUTTER STATION AND OFFSETS ARE TO BACK OF CURB. ELEVATIONS ARE PROPOSED TOP OF CURB.
4. SIDEWALK STATION AND OFFSETS ARE TO BACK OF SIDEWALK ALONG R.O.W. ELEVATIONS ARE PROPOSED TOP OF SIDEWALK.
5. REFER TO LANDSCAPE PLAN SHEETS FOR FURTHER DETAILS.

LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMP



SCALE
DATE
BY
CHECKED BY
DESIGNED BY
CITY OF EL PASO

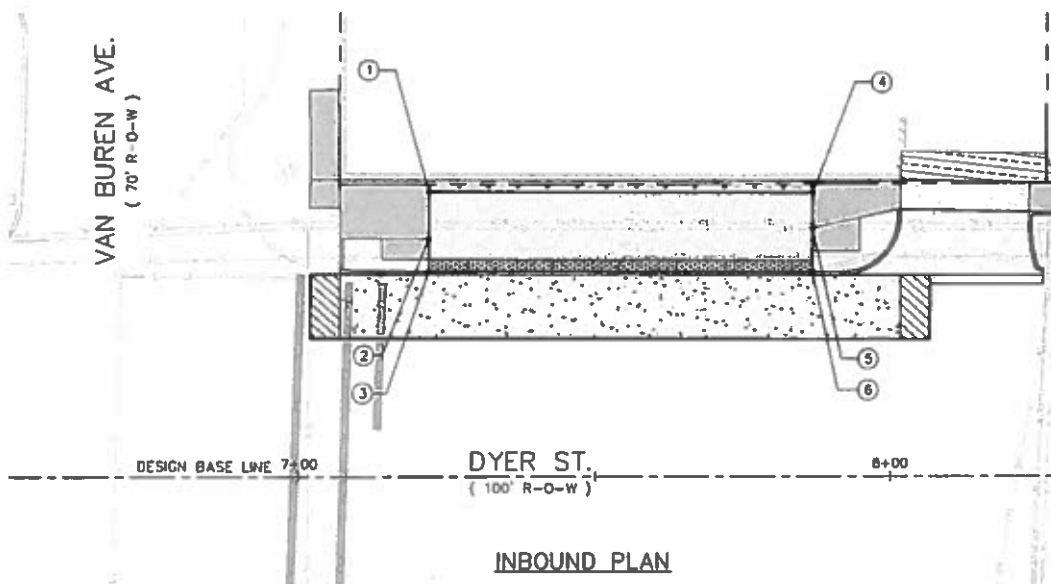
HUITT-ZOLLARS
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
PHONE 915.312.0005
FAX 915.312.0006

CITY OF EL PASO
CAPITAL IMPROVEMENT
STATION 6
SIDEWALK PLAN
SHEET 7 OF 7

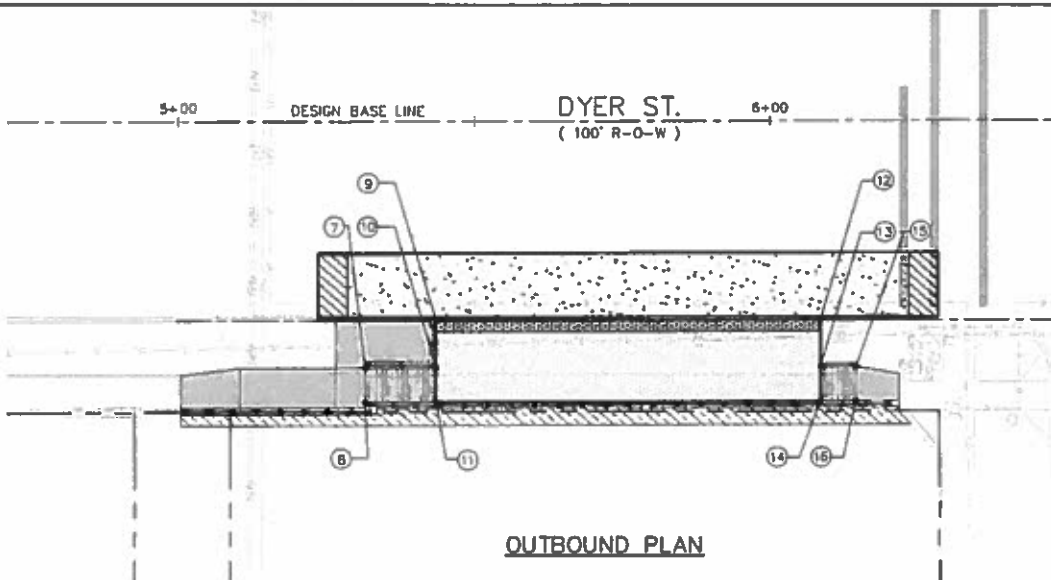
CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.312.0005
FAX 915.312.0006

SHEET

VAN BUREN AVE.
(70' R-O-W)



INBOUND PLAN

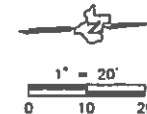


OUTBOUND PLAN

VAN BUREN AVE.
(70' R-O-W)

LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CURB
- PROPOSED CURB
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK



NOTES

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS.
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERIMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

HORIZONTAL CONTROL DATA SUMMARY

POINT NO.	DESCRIPTION	STATION	OFFSET
1	EDGE OF PLATFORM	7+22.01	48.73' L
2	EDGE OF PLATFORM	7+21.98	40.64' L
3	TOP OF CURB	7+21.95	35.09' L
4	BOTTOM OF RAMP	7+87.02	48.49' L
5	EDGE OF RAMP	7+85.97	42.45' L
6	TOP OF CURB	7+85.93	34.86' L
7	BOTTOM OF RAMP	5+31.72	42.37' R
8	BOTTOM OF RAMP	5+31.72	48.37' R
9	TOP OF CURB	5+43.69	34.30' R
10	EDGE OF PLATFORM	5+43.71	42.35' R
11	EDGE OF PLATFORM	5+43.71	48.35' R
12	TOP OF CURB	6+08.70	34.22' R
13	EDGE OF PLATFORM	6+08.71	42.27' R
14	EDGE OF PLATFORM	6+08.61	48.27' R
15	BOTTOM OF RAMP	6+14.71	42.26' R
16	BOTTOM OF RAMP	6+14.71	48.26' R



SCALE
1" = 20'
DATE: 10/1/00
DRAWN BY: J. ZALAN
CHECKED BY: J. ZALAN
DESIGNED BY: J. ZALAN
APPROVED BY: J. ZALAN

J. ZALAN
CIVIL ENGINEER
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
PHONE: 915.212.0085
FAX: 915.212.0086

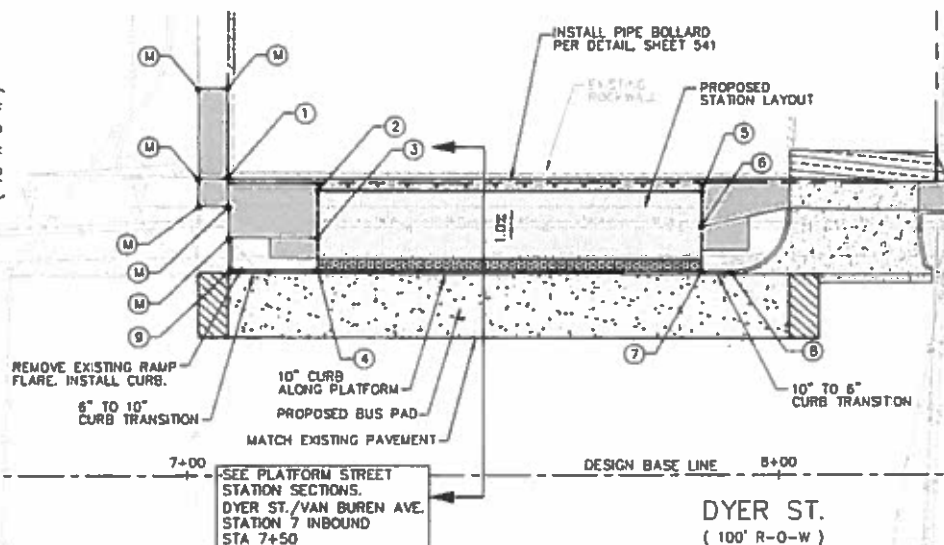
STATION 7
STATION LAYOUT
INBOUND/OUTBOUND

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE: 915.212.0085
FAX: 915.212.0086

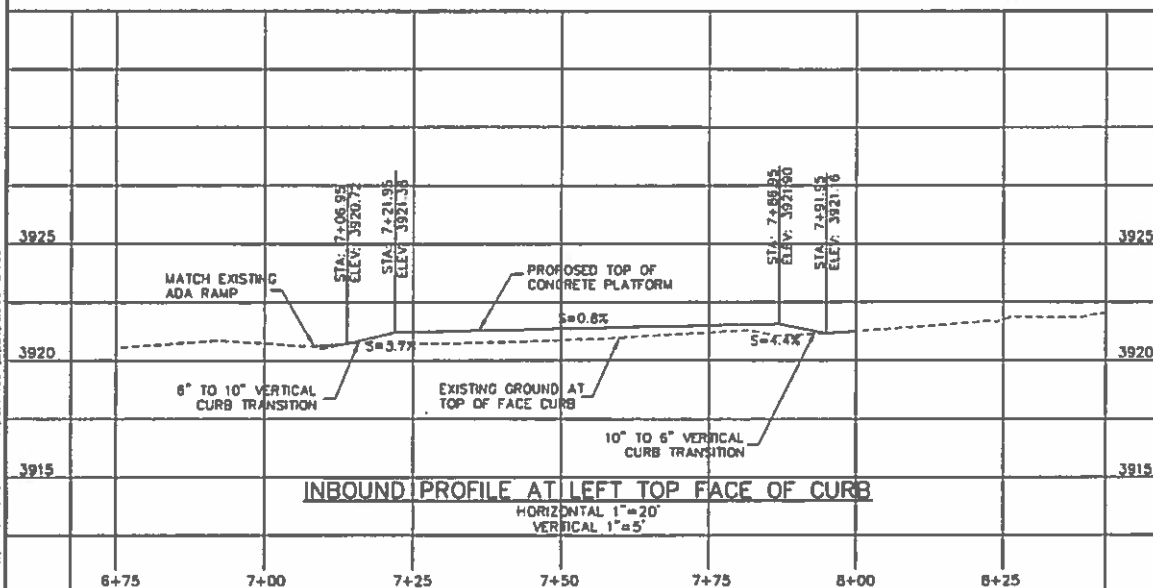


SHEET

VAN BUREN AVE.
(70' R-O-W)



INBOUND PLAN



INBOUND PROFILE AT LEFT TOP FACE OF CURB

LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CONTOUR
- ← DRAINAGE FLOW DIRECTION
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK

NOTES:

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS.
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERIMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

VERTICAL CONTROL DATA SUMMARY		
POINT NO.	DESCRIPTION	ELEVATION
1	SIDEWALK	3920.87
2	EDGE OF PLATFORM	3921.53
3	EDGE OF PLATFORM	3921.44
4	TOP OF 10" CURB	3921.38
5	EDGE OF PLATFORM	3922.05
6	EDGE OF PLATFORM	3921.98
7	TOP OF 10" CURB	3921.90
8	TOP OF CURB	3921.68
9	TOP OF CURB	3920.81



SCALE
1" = 20'
0 10 20

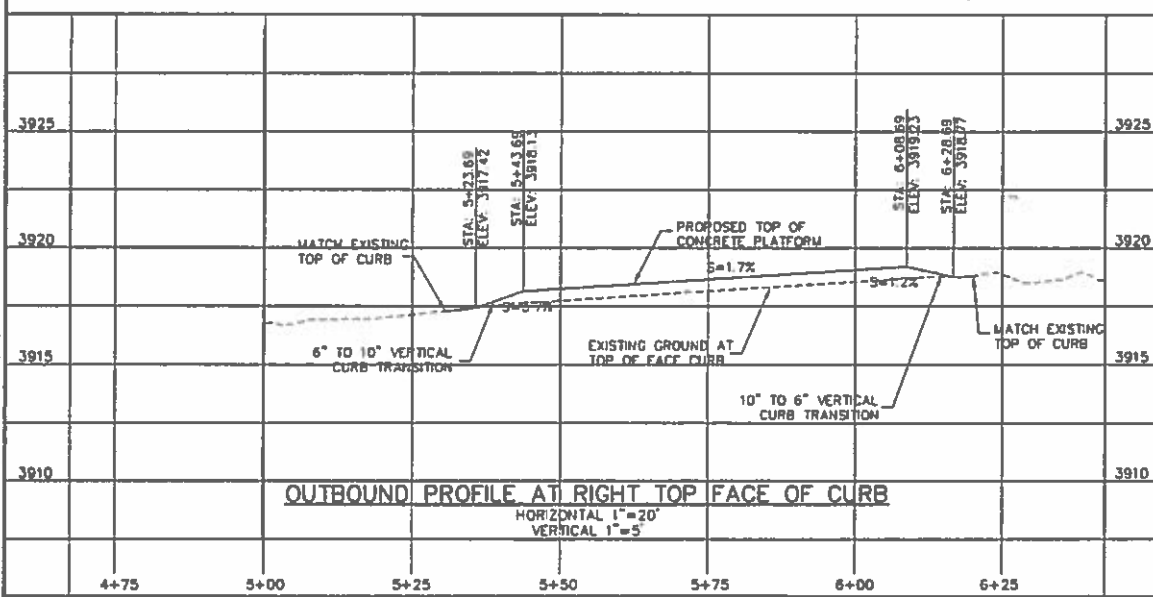
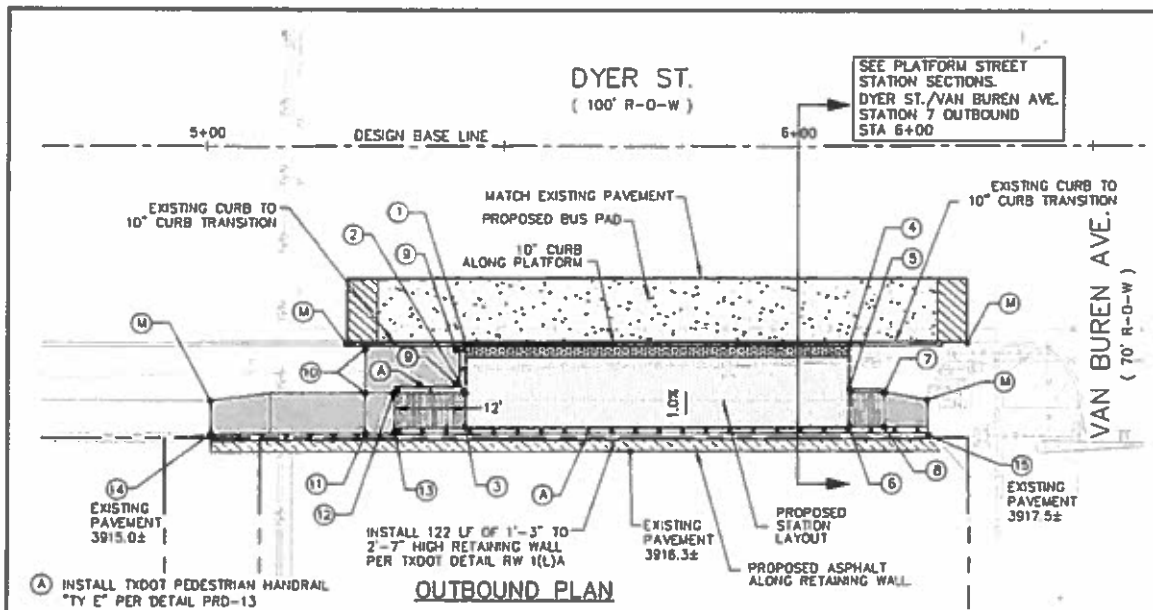
HUTT-231A15
JAMES SALCIDO
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
LICENSE NO. 70087
EXPIRATION DATE 12/31/2015
FAX 915.212.0066

DYER RAPID TRANSIT SYSTEM
DYER ST/VAN BUREN AVE
STATION 7, INBOUND
GRADING PLAN AND PROFILE

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.212.0065
FAX 915.212.0066



SHEET



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CONTOUR
- ← DRAINAGE FLOW DIRECTION
- ▨ DETECTABLE WARNING
- ▨ APPROACH PAD
- ▨ PROPOSED CONCRETE BUS PAD
- ▨ CONCRETE RAMP
- ▨ CONCRETE PLATFORM
- ▨ PROPOSED CONCRETE SIDEWALK

NOTES:

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS.
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERIMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

VERTICAL CONTROL DATA SUMMARY

POINT NO.	DESCRIPTION	ELEVATION
1	EDGE OF PLATFORM	3918.13
2	EDGE OF PLATFORM	3918.22
3	EDGE OF PLATFORM	3918.30
4	EDGE OF PLATFORM	3919.23
5	EDGE OF PLATFORM	3919.32
6	EDGE OF PLATFORM	3919.40
7	BOTTOM OF RAMP	3918.82
8	BOTTOM OF RAMP	3918.90
9	SIDEWALK	3917.40
10	SIDEWALK	3917.15
11	SIDEWALK	3917.20
12	BOTTOM OF RAMP	3917.25
13	BOTTOM OF RAMP	3917.30
14	SIDEWALK	3916.50
15	SIDEWALK	3918.70



SCALE
1" = 20'
0 10 20

HAUT-27145
SEE EXISTING SURFACE GRADE
ON PLANS, FROM TxDOT DETAIL
RW 1(L)A, TYPICAL SECTION,
APPROVED BY TxDOT, 12/15/2018

DYER RAPID TRANSIT SYSTEM
DYER ST/VAN BUREN AVE
STATION 7, OUTBOUND
GRADING PLAN AND PROFILE

CAPITAL IMPROVEMENT
CITY OF EL PASO
210 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.321.0008
FAX 915.321.0008



SHEET

150 of 640

SEE SHEET 1 OF 2

MATCH LINE STA. 4+75

VAN BUREN AVE

DYER ST
(100' R-O-W)

HARRISON AVE

LEGEND:

- PROPOSED CONCRETE SIDEWALK
 PROPOSED CONCRETE DRIVEWAY
 PLANE ASPHALT
 PROPOSED ASPHALT PAVEMENT
 PROPOSED CURB AND GUTTER
 PROPOSED CURB
 PROPOSED CURB (VARIABLE HEIGHT)
 MATCH EXISTING ELEVATION
 GRADE BREAK
 PROPOSED ADA CURB RAMPS

NOTES:
1. REFER TO LANDSCAPE SHEETS FOR TREE GRATE LOCATION AND DIMENSIONS.

POINTS	STATION	OFFSET	ELEVATION
1	5+26.87	36.01 L	SW 3917.86
2	5+26.87	30.01 L	SW 3917.57
3	5+33.90	36.01 L	SW 3918.10
4	5+32.87	30.25 L	TBC 3918.07
5	5+33.90	45.47 L	SW 3918.60
6	5+38.90	45.47 L	SW 3918.59
7	5+38.90	30.50 L	TBC 3918.06
8	7+07.00	45.95 L	SW 3920.88
9	7+06.96	40.65 L	SW 3920.77
10	7+07.48	35.32 L	TBC 3920.81
11	7+13.91	40.69 L	SW 3921.08
12	7+13.90	37.14 L	SW 3921.00
13	7+22.00	50.78 L	SW 3921.55
14	7+22.00	48.73 L	BP 3921.53
15	7+21.98	40.65 L	BP 3921.44
16	7+21.98	34.56 L	BP 3921.38
17	7+26.97	50.63 L	BP 3922.10
18	7+27.01	48.49 L	BP 3922.05
19	7+26.97	42.45 L	BP 3921.98
20	7+26.95	38.45 L	BP 3921.94
21	7+26.93	34.87 L	BP 3921.90
22	7+21.92	34.86 L	TBC 3921.67
23	7+24.98	44.20 L	SW 3922.05
24	7+24.95	38.41 L	SW 3921.85
25	8+02.05	55.60 L	SW 3922.47
26	8+01.97	50.60 L	SW 3922.20
27	8+01.93	45.71 L	SW 3922.10
28	8+23.98	50.22 L	SW 3922.45
29	8+24.39	45.21 L	TBC 3922.35
30	8+26.22	35.42 L	TBC 3922.36
31	8+28.98	50.13 L	SW 3922.73
32	8+28.39	45.14 L	TBC 3922.63

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER BP=BUS PLATFORM

POINTS	STATION	OFFSET	ELEVATION
36	9+58.75	49.50 L	SW 3925.16
37	9+58.75	44.80 L	SW 3925.06
38	9+62.76	49.50 L	SW 3925.12
39	9+67.76	49.50 L	SW 3925.15
40	9+67.76	44.80 L	SW 3925.05
41	9+73.78	49.49 L	GUT 3924.70
42	9+72.77	44.80 L	GUT 3924.65
43	10+12.52	58.03 L	TBC 3925.60
44	10+12.06	49.61 L	GUT 3925.00
45	10+13.14	44.50 L	GUT 3924.90
46	10+16.44	58.05 L	SW 3925.60
47	10+16.55	44.50 L	SW 3925.05
48	10+21.44	50.07 L	SW 3925.62
49	10+21.50	49.60 L	SW 3925.10
50	10+21.55	44.50 L	SW 3925.05
51	10+28.05	49.59 L	SW 3925.15
52	10+28.06	44.50 L	SW 3925.10
53	10+28.08	34.80 L	TBC 3924.71
54	5+00.71	43.65 R	SW 3916.45
55	5+00.72	49.41 R	SW 3916.50
56	5+10.71	42.40 R	SW 3916.72
57	5+23.71	34.33 R	TBC 3917.40
58	5+26.70	34.33 R	SW 3917.15
59	5+26.71	42.38 R	SW 3917.15
60	5+26.72	49.38 R	SW 3917.20
61	5+31.72	42.28 R	SW 3917.25
62	5+31.71	48.37 R	SW 3917.30
63	5+43.71	42.35 R	BP 3918.22
64	5+43.71	48.35 R	BP 3918.30



SIDEWALK LIMITS

POINTS	STATION	OFFSET	ELEVATION
65	6+08.70	34.23 R	BP 3919.23
66	6+08.71	41.77 R	BP 3919.32
67	6+08.71	48.27 R	BP 3919.40
68	6+14.71	42.76 R	SW 3918.80
69	6+14.71	48.76 R	SW 3918.90
70	6+24.48	34.20 R	TBC 3918.99
71	6+22.09	49.25 R	SW 3918.70



SCALE
1" = 40'
DATE: 10/1/08
DRAWN BY: JLS
CHECKED BY: JLS
DESIGNED BY: JLS
PROJECT NO.: 080402

HUITZ-ZOLLARS

DYER ST/VAN BUREN AVE
STATION 7
SIDEWALK PLAN
SHEET 2 OF 2

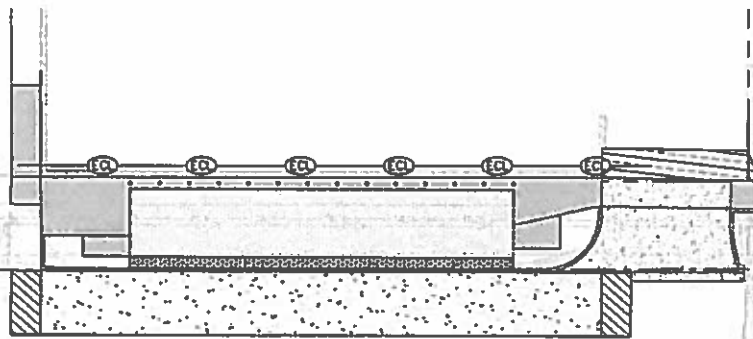
CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 815.712.0005
FAX 815.712.0008



SHEET

155 of 640

VAN BUREN AVE.
(70' R-O-W)



7+00

DYER ST.
(100' R-O-W)

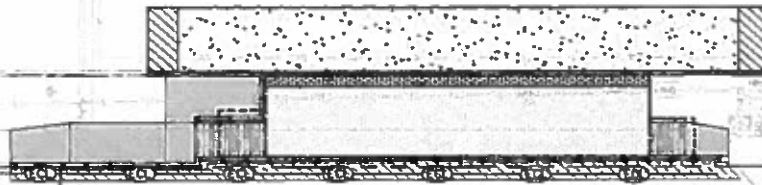
8+00

INBOUND PLAN

5+00

DYER ST.
(100' R-O-W)

6+00



VAN BUREN AVE.
(70' R-O-W)

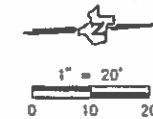
OUTBOUND PLAN

LEGEND

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- PROPOSED CONCRETE SIDEWALK
- APPROACH PAD
- CONCRETE BUS PAD
- CONCRETE PLATFORM
- ECL INLET PROTECTION EROSION CONTROL LOGS
- ECF EROSION CONTROL FENCE

NOTES

- CONTRACTOR SHALL PLACE EROSION CONTROL MEASURES AS SHOWN IN THE PLAN VIEWS.
- CONTRACTOR MAY RE-USE SEDIMENT/EROSION CONTROLS.



SCALE
DATE: 07/14/08
BY: J. L. JONES
CHECKED BY: J. L. JONES
DESIGNED BY: J. L. JONES
APPROVED BY: J. L. JONES

HNTB
1000 PASEO DE LA VISTA
SUITE 100
EL PASO, TEXAS 79901
PHONE 915.771.1000
FAX 915.771.1001

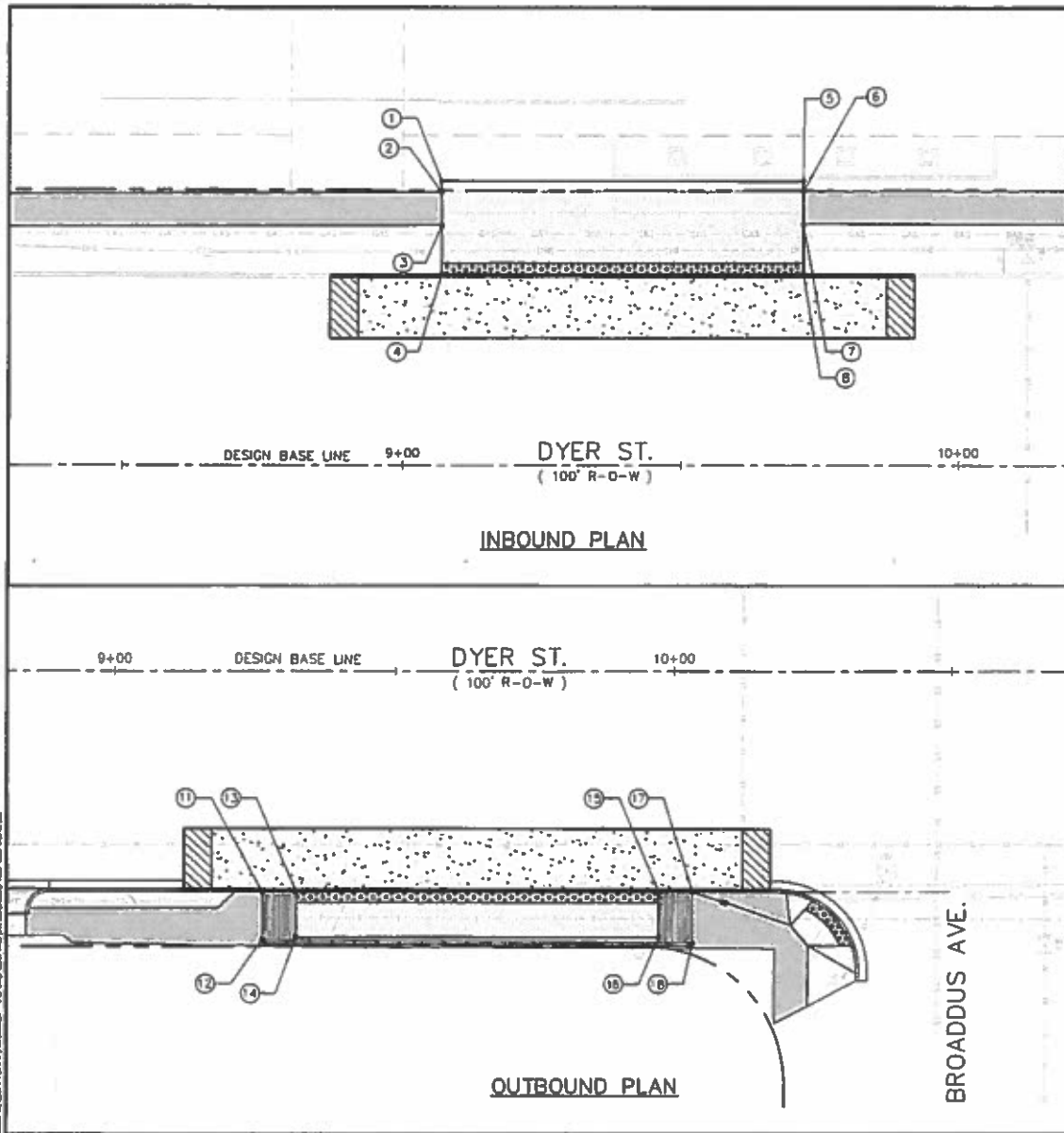
DYER RAPID TRANSIT SYSTEM
DYER ST/VAN BUREN AVE
STATION 7 SWP3
INBOUND/OUTBOUND

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.312.0066
FAX 915.312.0066



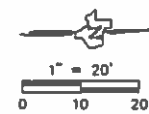
SHEET

156 of 640



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CURB
- PROPOSED CURB
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK



NOTES

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERIMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

HORIZONTAL CONTROL DATA SUMMARY			
POINT NO.	DESCRIPTION	STATION	OFFSET
INBOUND	1 EDGE OF PLATFORM	9+06.99	51.66 L
	2 EDGE OF PLATFORM	9+06.99	49.61 L
	3 EDGE OF PLATFORM	9+07.00	43.57 L
	4 TOP OF CURB	9+07.02	34.72 L
	5 EDGE OF PLATFORM	9+71.98	51.75 L
	6 EDGE OF PLATFORM	9+71.98	49.86 L
	7 EDGE OF PLATFORM	9+72.00	43.76 L
	8 TOP OF CURB	9+72.00	34.80 L
OUTBOUND	11 TOP OF CURB	9+24.50	40.00 R
	12 BOTTOM OF RAMP	9+24.50	48.33 R
	13 TOP OF CURB	9+32.50	40.00 R
	14 EDGE OF PLATFORM	9+32.50	48.33 R
	15 TOP OF CURB	9+97.50	40.03 R
	16 EDGE OF PLATFORM	9+97.50	48.37 R
	17 TOP OF CURB	10+05.50	40.03 R
	18 BOTTOM OF RAMP	10+05.50	48.37 R

CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.212.0083
FAX 915.212.0086

CAPITAL IMPROVEMENT

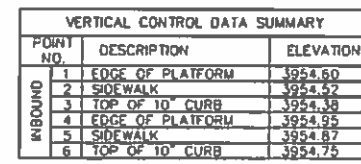
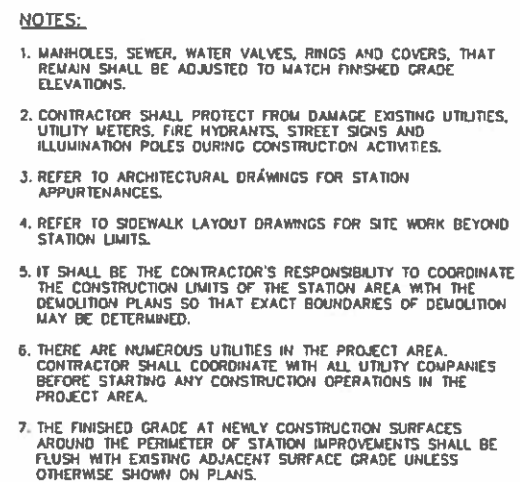
CITY OF EL PASO

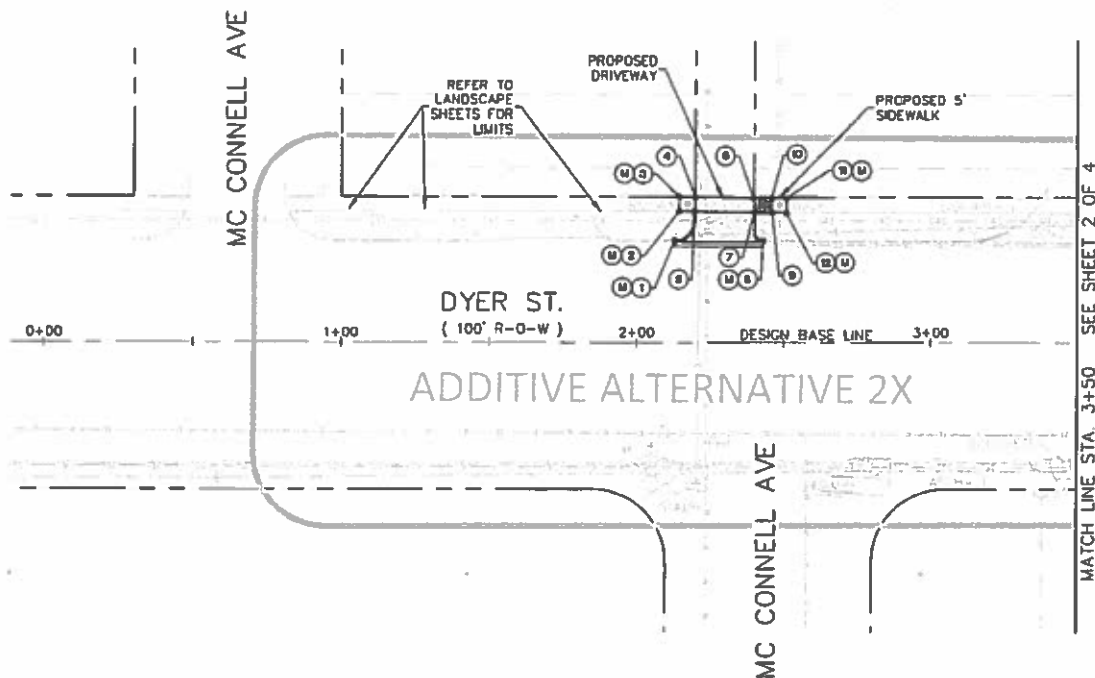
STATION 8
DYER ST/BROADBUSS AVE
INBOUND/OUTBOUND
STATION LAYOUT

HUIT-ZOLLARS
10000 100' SCALE
DRAWN BY: J. HUIT-ZOLLARS
CHECKED BY: J. HUIT-ZOLLARS
DESIGNED BY: J. HUIT-ZOLLARS
DATE: 10/10/06

DYER RAPID TRANSIT SYSTEM

164 640





LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS

NOTES:
1. REFER TO LANDSCAPE SHEETS FOR TREE GRATE LOCATION AND DIMENSIONS.

SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
M		MATCH EXISTING	
1	2+12.97	35.21 L	TBC 3951.25
2	2+14.43	45.21 L	MATCH
3	2+14.50	50.21 L	MATCH
4	2+20.00	50.13 L	SW 3951.60
5	2+20.00	45.13 L	SW 3951.50
6	2+40.00	49.86 L	SW 3951.85
7	2+40.00	44.86 L	SW 3951.75
8	2+42.87	35.16 L	TBC 3951.77
9	2+46.00	44.84 L	TBC 3952.25
10	2+46.00	49.84 L	SW 3952.35
11	2+51.00	42.83 L	MATCH
12	2+51.00	44.83 L	MATCH

TBC=TOP BACK OF CURB; SW=SIDEWALK, GUT=GUTTER



SCALE
DATE: 12/15/2017
DRAWN BY: JAMES TURNER
CHECKED BY: JAMES TURNER
DATE: 12/15/2017

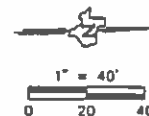
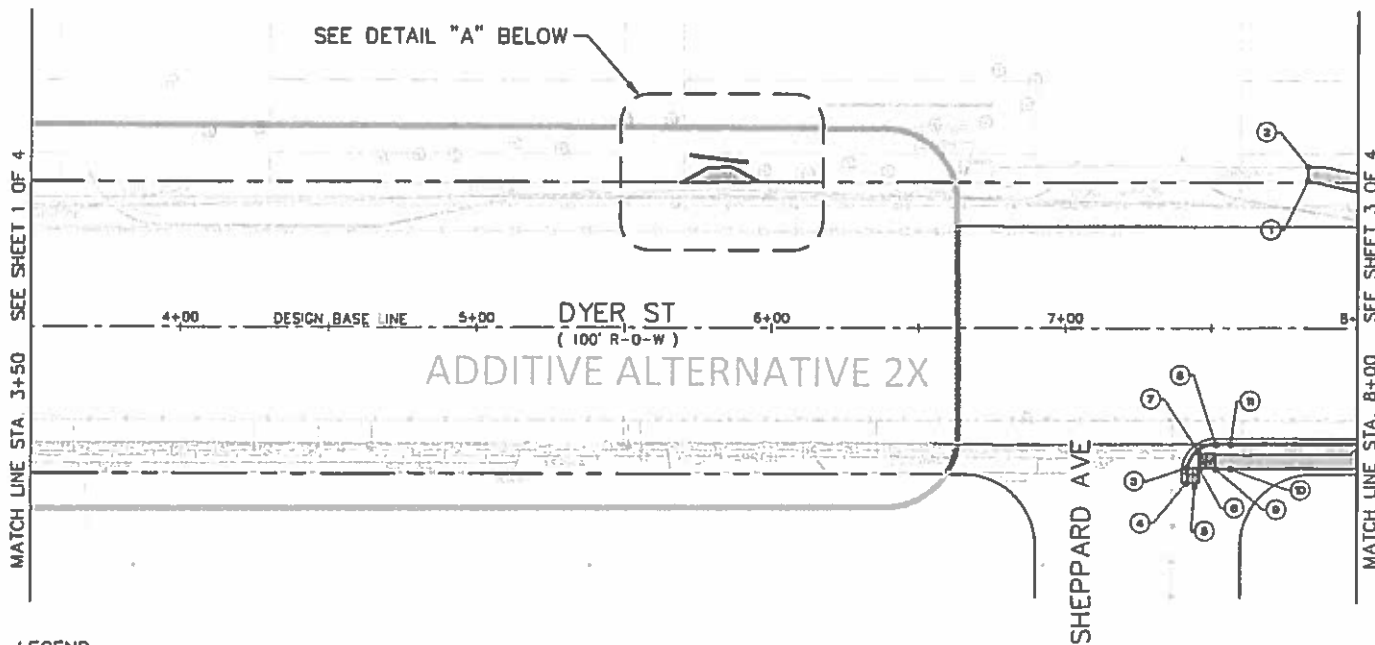
HURTT-ZOLLARS
210 N. CAMPBELL STREET
EL PASO, TEXAS 79901
PHONE 915.212.0003
FAX 915.212.0008

DYER RAPID TRANSIT SYSTEM
DYER ST/BROADBOS AVE
STATION B
SIDEWALK PLAN
SHEET 1 OF 4

CAPITAL IMPROVEMENT
CITY OF EL PASO
210 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.212.0003
FAX 915.212.0008

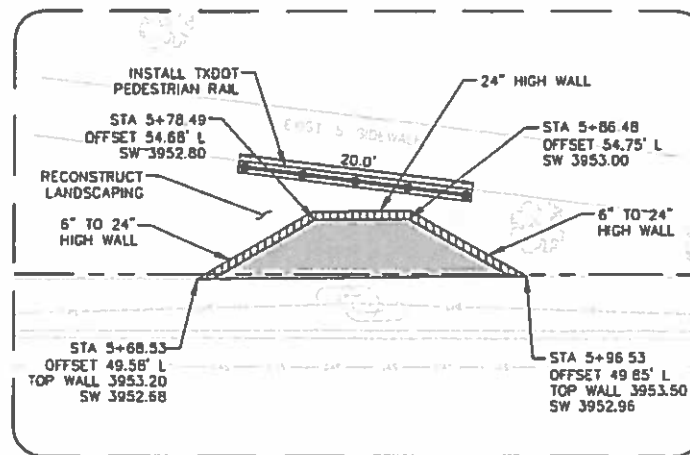


SHEET



LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS



DETAIL "A"

NOTES:
1 REFER TO LANDSCAPE SHEETS FOR TREE GRATE LOCATION AND DIMENSIONS.

SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
1	7+82.87	50.58 R	MATCH
2	7+82.88	55.50 R	SW 3954.75
3	7+41.75	47.79 R	GUT 3952.02
4	7+41.63	53.29 R	MATCH
5	7+45.70	53.27 R	MATCH
6	7+46.18	48.27 R	TBC 3952.60
7	7+45.65	47.07 R	TBC 3952.15
8	7+51.64	39.97 R	TBC 3952.68
9	7+51.68	48.24 R	SW 3952.60
10	7+56.68	48.21 R	MATCH
11	7+56.64	39.95 R	MATCH

TBC=TOP BACK OF CURB; SW=SIDEWALK; GUT=GUTTER



SCALE
1" = 40'
DATE: 12/31/23
BY: [Signature]
CHECKED BY: [Signature]
DESIGNED BY: [Signature]
APPROVED BY: [Signature]

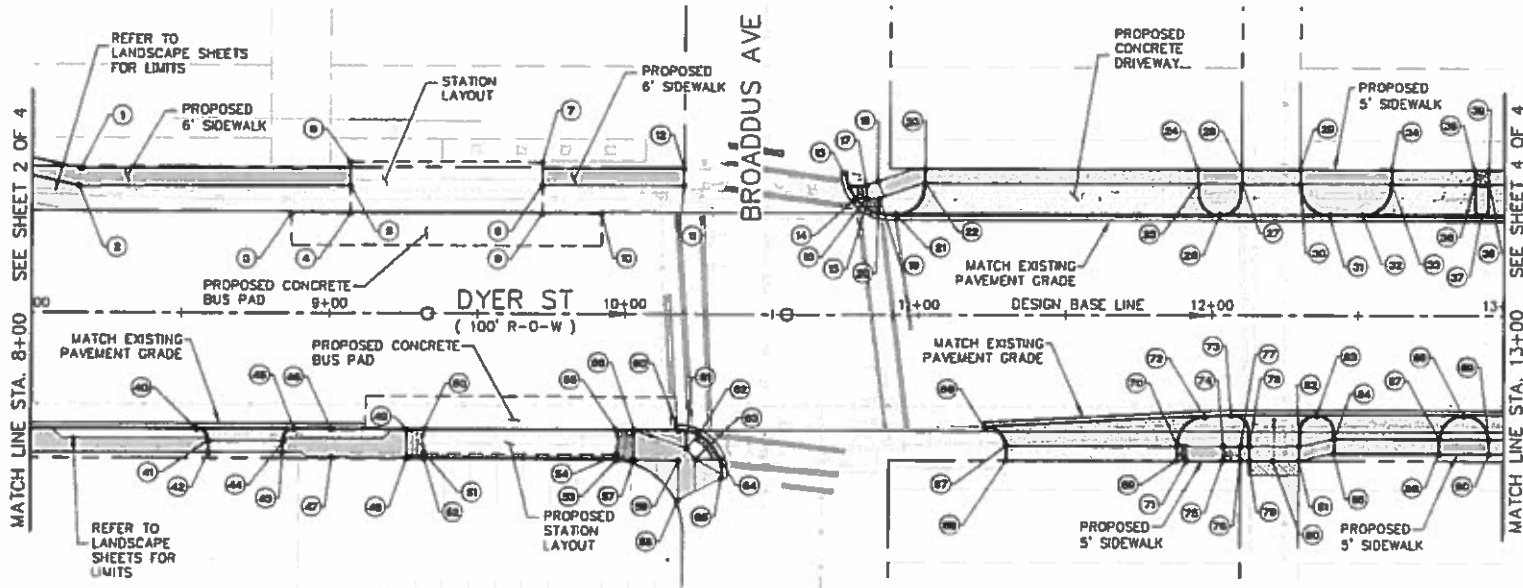
HUITZ-ZOLLARS
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
PHONE: 915.212.0045
FAX: 915.212.0046

DYER RAPID TRANSIT SYSTEM
DYER ST/BROADWAY AVE
STATION 8
SIDEWALK PLAN
SHEET 2 OF 4

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
PHONE: 915.212.0045
FAX: 915.212.0046



SHEET



NOTES:
1. REFER TO LANDSCAPE SHEETS FOR TREE GRATE LOCATION AND DIMENSIONS.

LEGEND

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- M MATCH EXISTING ELEVATION
- GRADE BREAK
- R PROPOSED ADA CURB RAMPS

SIDEWALK LIMITS				
POINTS	STATION	OFFSET	ELEVATION	
1	8+16.42	49.22 L	SW	3954.45
2	8+15.77	43.21 L	SW	3954.35
3	8+87.05	34.19 L	MATCH	
4	9+07.02	34.22 L	GUT	3953.55
5	9+07.00	43.61 L	SW	3954.52
6	9+07.00	51.86 L	BP	3954.60
7	9+72.00	51.75 L	BP	3954.95
8	9+72.00	43.88 L	SW	3954.87
9	9+72.00	34.30 L	GUT	3953.92
10	9+92.05	34.33 L	MATCH	
11	10+19.85	43.81 L	SW	3954.85
12	10+19.85	49.81 L	SW	3954.98
13	10+75.86	43.74 L	TBC	3955.12
14	10+78.10	39.74 L	GUT	3954.65
15	10+82.00	36.25 L	GUT	3954.58
16	10+81.99	39.74 L	GUT	3954.85
17	10+81.99	44.24 L	TBC	3954.90
18	10+88.00	45.64 L	SW	3954.95
19	10+88.49	39.74 L	SW	3954.80
20	10+88.00	35.04 L	TBC	3954.92
21	10+82.00	34.30 L	TBC	3954.84
22	11+02.00	45.00 L	SW	3954.30
23	11+02.00	50.00 L	SW	3954.40
24	11+95.00	50.00 L	SW	3954.85
25	11+95.00	45.00 L	SW	3955.75
26	12+02.50	34.50 L	TBC	3955.34
27	12+10.00	45.00 L	SW	3955.90
28	12+10.00	50.00 L	SW	3956.00
29	12+30.00	50.00 L	SW	3956.10
30	12+30.00	45.00 L	SW	3956.00

TBC=TOP BACK OF CURB; SW=SIDEWALK; GUT=GUTTER BP=BUS PLATFORM

SIDEWALK LIMITS				
POINTS	STATION	OFFSET	ELEVATION	
31	12+40.00	34.50 L	TBC	3955.78
32	12+51.32	34.50 L	TBC	3955.84
33	12+61.32	45.00 L	TBC	3957.04
34	12+61.32	50.00 L	SW	3957.14
35	12+89.69	50.00 L	SW	3957.40
36	12+89.69	45.00 L	SW	3957.30
37	12+92.19	34.50 L	TBC	3956.12
38	12+94.69	45.00 L	SW	3957.05
39	12+94.69	50.00 L	SW	3957.15
40	8+55.51	39.95 R	TBC	3953.24
41	8+59.51	44.09 R	SW	3953.22
42	8+59.51	48.05 R	SW	3953.30
43	8+84.51	48.05 R	SW	3953.45
44	8+85.01	44.05 R	SW	3953.40
45	8+88.51	39.94 R	TBC	3953.34
46	9+01.04	39.94 R	TBC	3953.42
47	9+01.13	49.54 R	SW	3953.70
48	9+26.50	49.85 R	SW	3953.80
49	9+26.50	39.94 R	TBC	3953.54
50	9+32.50	39.94 R	TBC	3953.97
51	9+32.50	48.13 R	BP	3954.10
52	9+32.50	49.94 R	SW	3954.15
53	9+97.50	50.30 R	SW	3954.40
54	9+97.50	48.37 R	BP	3954.35
55	9+97.50	40.03 R	TBC	3954.23
56	10+03.50	40.00 R	TBC	3953.84
57	10+03.50	50.34 R	SW	3953.92
58	10+16.25	64.16 R	SW	3952.71
59	10+16.31	50.44 R	SW	3953.40
60	10+16.49	40.05 R	TBC	3953.90

SIDEWALK LIMITS				
POINTS	STATION	OFFSET	ELEVATION	
61	10+21.19	46.13 R	SW	3953.40
62	10+25.58	41.33 R	GUT	3953.26
63	10+24.31	49.85 R	SW	3953.30
64	10+32.75	49.93 R	SW	3952.80
65	10+32.98	56.30 R	TBC	3953.50
66	11+22.74	38.75 R	TBC	3954.47
67	11+30.07	45.00 R	SW	3954.40
68	11+30.07	50.00 R	SW	3954.50
69	11+88.25	50.00 R	SW	3954.55
70	11+88.25	45.00 R	SW	3954.45
71	11+91.67	50.00 R	SW	3954.85
72	11+97.77	34.92 R	TBC	3955.14
73	12+06.72	34.46 R	TBC	3955.14
74	12+04.00	45.00 R	SW	3954.75
75	12+04.00	50.00 R	SW	3954.85
76	12+10.00	50.00 R	SW	3954.40
77	12+10.00	45.00 R	SW	3954.40
78	12+13.00	45.00 R	SW	3954.40
79	12+13.00	50.00 R	SW	3954.34
80	12+21.00	50.00 R	SW	3954.21
81	12+30.00	50.00 R	SW	3954.38
82	12+30.00	45.00 R	SW	3954.45
83	12+36.00	34.50 R	TBC	3955.18
84	12+42.00	42.50 R	SW	3955.50
85	12+42.00	47.50 R	SW	3955.57
86	12+78.00	47.50 R	SW	3956.07
87	12+78.00	42.50 R	SW	3956.00
88	12+86.50	34.50 R	TBC	3955.70
89	12+95.00	42.50 R	SW	3955.90
90	12+95.00	47.50 R	SW	3956.00



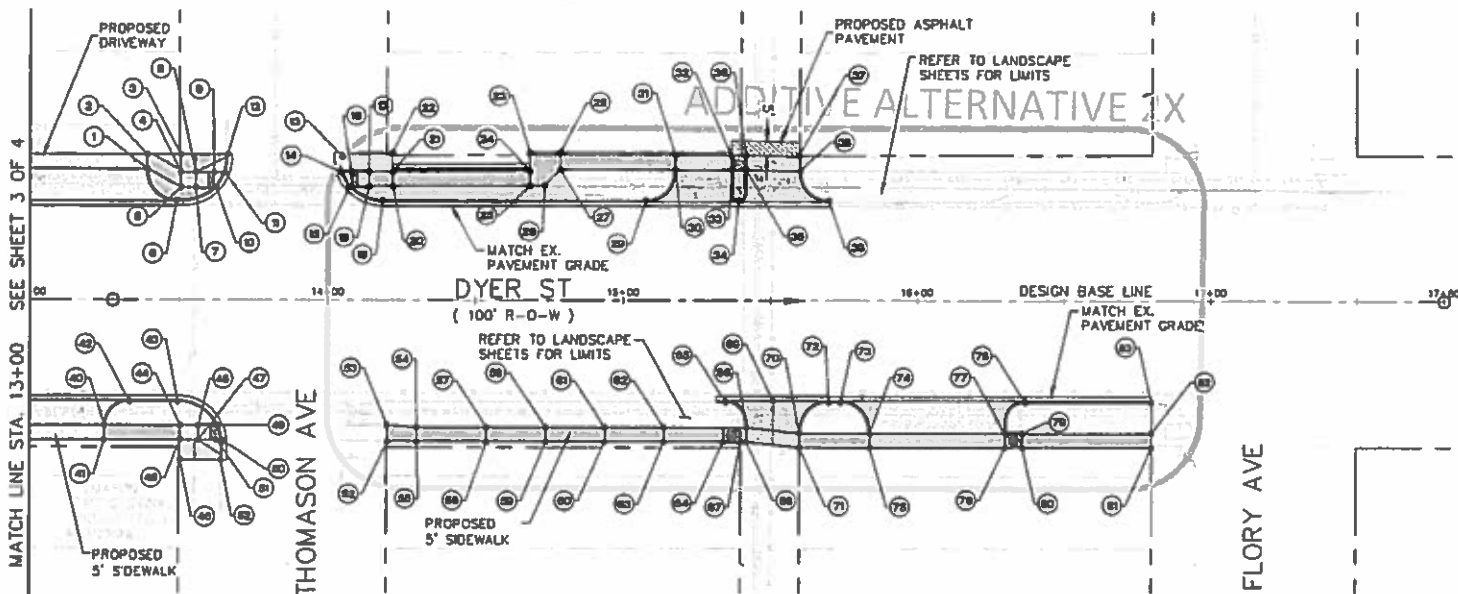
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1" = 40'
DATE: 01/20/08
BY: J. H. HUIT
CHECKED BY: J. H. HUIT
DESIGNED BY: J. H. HUIT
APPROVED BY: J. H. HUIT
JOB NO. 0007

HUIT-ZILLIUS
1100 SOUTH 10TH STREET
EL PASO, TEXAS 79901
(915) 762-1100
FAX: (915) 762-1101

DYER RAPID TRANSIT SYSTEM
DYER ST/BROADUS AVE
STATION 8
SIDEWALK PLAN
SHEET 3 OF 4

CAPITAL IMPROVEMENT
CITY OF EL PASO
211 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.212.0085
FAX 915.212.0086





NOTES:
1. REFER TO LANDSCAPE SHEETS FOR TREE GRATE LOCATION AND DIMENSIONS.

LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS

SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
1	13+39.21	45.00 L	SW 3957.10
2	13+39.21	50.00 L	SW 3957.20
3	13+50.56	50.00 L	SW 3957.13
4	13+50.56	43.85 L	SW 3956.90
5	13+50.56	38.85 L	SW 3956.80
6	13+49.21	34.50 L	TBC 3956.38
7	13+55.56	38.85 L	SW 3956.70
8	13+55.56	43.85 L	SW 3956.80
9	13+61.56	43.85 L	SW 3956.31
10	13+62.25	38.85 L	GUT 3956.20
11	13+65.29	43.85 L	GUT 3956.41
12	13+66.21	50.00 L	GUT 3956.65
13	14+04.82	49.35 L	TBC 3957.42
14	14+04.42	44.18 L	GUT 3956.90
15	14+07.27	39.20 L	GUT 3956.80
16	14+07.90	44.20 L	SW 3956.90
17	14+13.90	44.24 L	SW 3957.40
18	14+13.93	39.24 L	SW 3957.30
19	14+18.62	34.50 L	TBC 3957.30
20	14+22.05	39.30 L	SW 3957.45
21	14+22.01	44.30 L	SW 3958.25
22	14+21.96	50.80 L	SW 3958.40
23	14+68.51	51.00 L	SW 3958.90
24	14+68.51	44.63 L	SW 3958.75
25	14+68.51	39.63 L	SW 3958.65
26	14+71.51	39.65 L	SW 3958.74
27	14+78.84	45.00 L	SW 3958.90
28	14+78.84	51.00 L	SW 3959.02
29	15+07.76	34.50 L	TBC 3960.12
30	15+17.76	45.00 L	SW 3959.40

TBC=TOP BACK OF CURB; SW=SIDEWALK; GUT=GUTTER

SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
31	15+17.76	50.00 L	SW 3959.50
32	15+36.65	50.00 L	SW 3959.80
33	15+36.65	45.00 L	SW 3959.70
34	15+39.15	34.50 L	TBC 3959.67
35	15+41.65	45.00 L	SW 3959.30
36	15+41.65	50.00 L	SW 3959.40
37	15+60.00	49.60 L	SW 3959.20
38	15+60.00	44.60 L	SW 3959.20
39	15+70.00	34.50 L	TBC 3959.07
40	13+25.00	42.50 R	SW 3955.75
41	13+25.00	47.50 R	SW 3955.83
42	13+33.50	34.50 R	TBC 3955.82
43	13+49.68	34.50 R	TBC 3955.80
44	13+50.50	42.50 R	SW 3955.30
45	13+50.50	47.50 R	SW 3955.34
46	13+50.50	54.50 R	MATCH
47	13+56.64	47.50 R	SW 3955.30
48	13+56.64	42.50 R	SW 3955.30
49	13+63.20	42.50 R	GUT 3955.02
50	13+63.61	47.50 R	GUT 3954.97
51	13+62.64	47.50 R	SW 3955.00
52	14+20.32	48.00 R	SW 3956.15
53	14+20.32	42.73 R	MATCH
54	14+30.32	43.00 R	SW 3956.40
55	14+30.32	48.00 R	SW 3956.50
56	14+54.00	48.00 R	SW 3957.20
57	14+54.00	43.00 R	SW 3957.10
58	14+74.00	43.00 R	SW 3957.30
59	14+74.00	48.00 R	SW 3957.40
60	14+94.00	48.00 R	SW 3957.60

SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
61	14+94.00	43.00 R	SW 3957.90
62	15+14.00	43.00 R	SW 3957.70
63	15+14.00	48.00 R	SW 3957.80
64	15+34.00	48.00 R	SW 3958.10
65	15+35.00	34.50 R	TBC 3958.28
66	15+42.00	43.00 R	SW 3957.55
67	15+40.00	48.00 R	SW 3957.70
68	15+42.00	48.00 R	SW 3957.65
69	15+51.00	34.00 R	GUT 3958.05
70	15+60.00	45.00 R	SW 3957.90
71	15+60.00	50.00 R	SW 3958.00
72	15+70.00	34.50 R	TBC 3958.94
73	15+74.00	34.50 R	TBC 3959.02
74	15+84.00	45.00 R	SW 3959.00
75	15+84.00	50.00 R	SW 3959.10
76	16+30.01	50.00 R	SW 3959.60
77	16+30.01	45.00 R	SW 3959.55
78	16+37.01	34.50 R	TBC 3960.44
79	16+36.01	45.00 R	SW 3959.30
80	16+36.01	50.00 R	SW 3960.00
81	16+80.00	50.00 R	MATCH
82	16+80.00	45.00 R	MATCH

TBC=TOP BACK OF CURB; SW=SIDEWALK; GUT=GUTTER



SCALE
1" = 40'

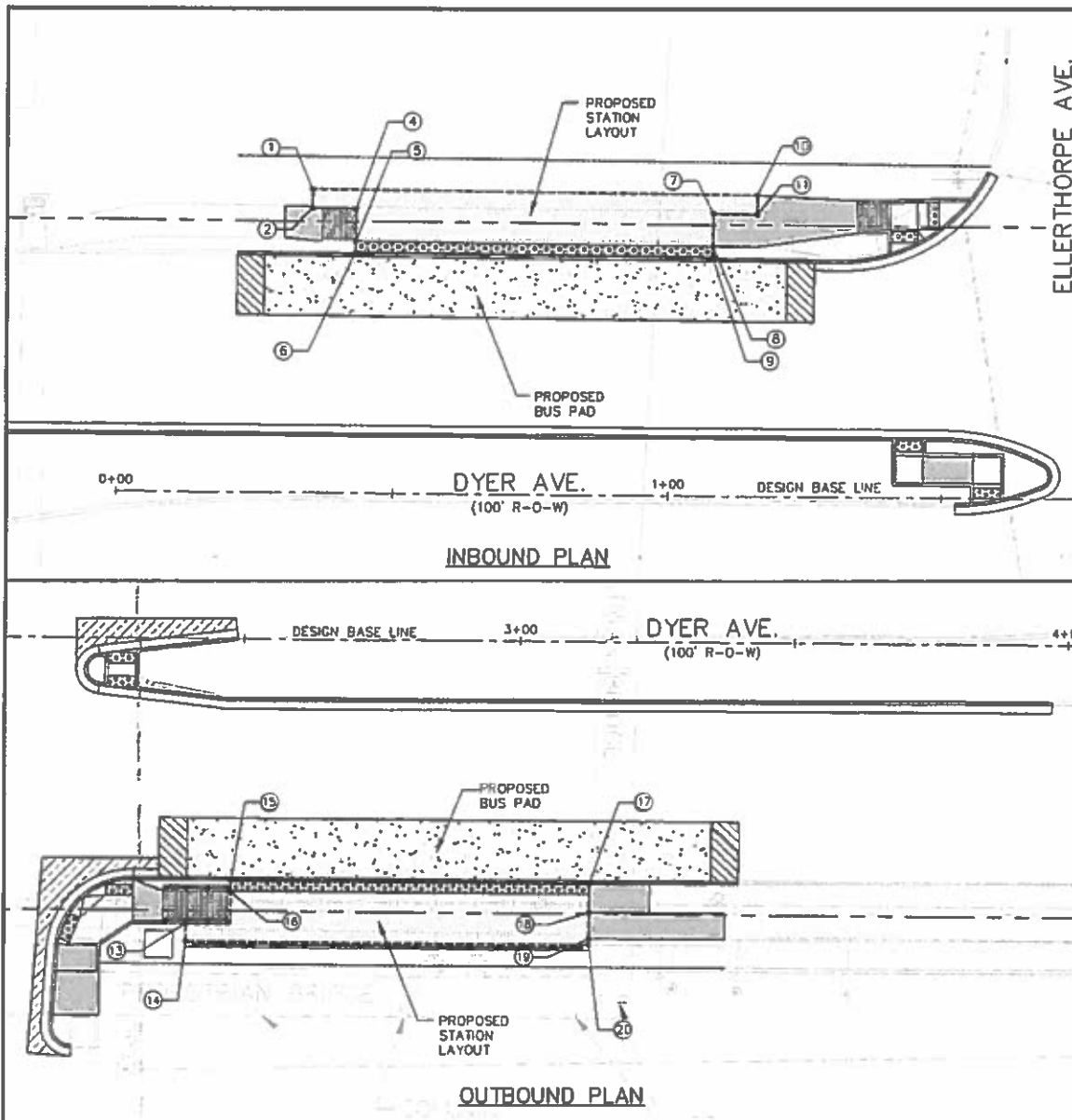
HUIT-ZOLLARS
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TEL: 915.772.0085
FAX: 915.772.0088

DYER RAPID TRANSIT SYSTEM
DYER ST/BROADBENT AVE
STATION 8
SIDEWALK PLAN
SHEET 4 OF 4

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TEL: 915.772.0085
FAX: 915.772.0088

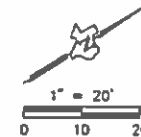


SHEET



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CURB
- PROPOSED CURB
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK



NOTES

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS.
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERIMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

HORIZONTAL CONTROL DATA SUMMARY

POINT NO.	DESCRIPTION	STATION	OFFSET
1	EDGE OF PLATFORM	0+34.95	55.97 L
2	BOTTOM OF RAMP	0+34.95	52.48 L
4	TOP OF RAMP	0+42.84	52.43 L
5	TOP OF RAMP	0+42.84	46.43 L
6	TOP OF CURB	0+42.83	44.20 L
7	TOP OF RAMP	1+07.86	52.08 L
8	TOP OF RAMP	1+07.83	46.08 L
9	TOP OF CURB	1+07.82	43.87 L
10	EDGE OF PLATFORM	1+15.88	55.53 L
11	EDGE OF PLATFORM	1+15.88	52.04 L
13	EDGE OF RAMP	2+40.19	52.49 R
14	EDGE OF PLATFORM	2+40.19	55.79 R
15	TOP OF CURB	2+48.19	44.46 R
16	TOP OF RAMP	2+48.19	46.46 R
17	TOP OF CURB	3+13.18	44.46 R
18	TOP OF RAMP	3+13.18	49.70 R
19	TOP OF RAMP	3+13.18	54.70 R
20	EDGE OF PLATFORM	3+13.18	55.79 R



SCALE: 1" = 20'

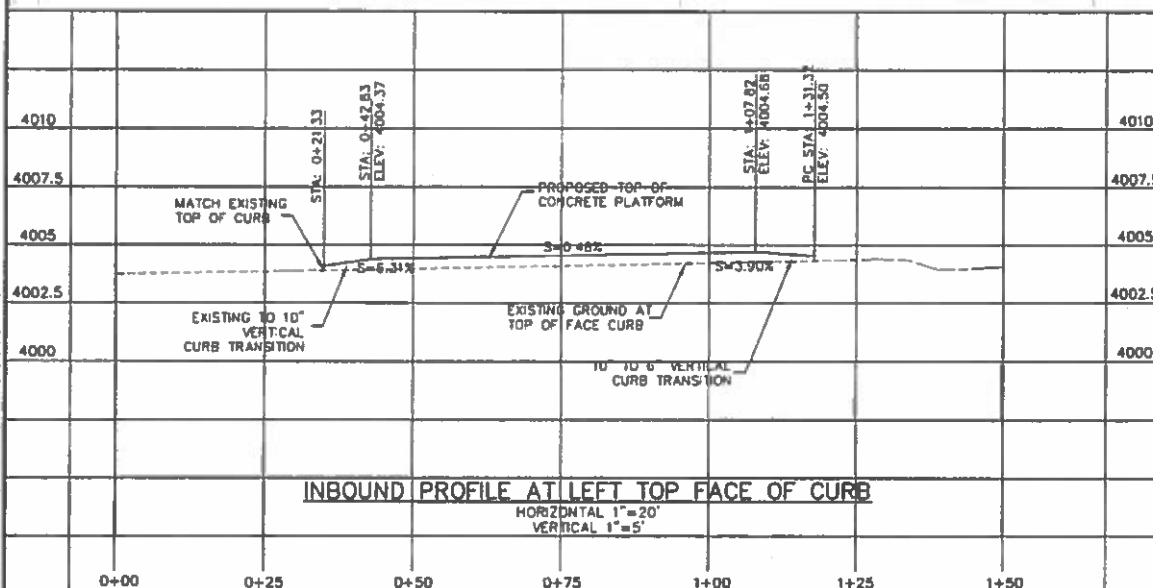
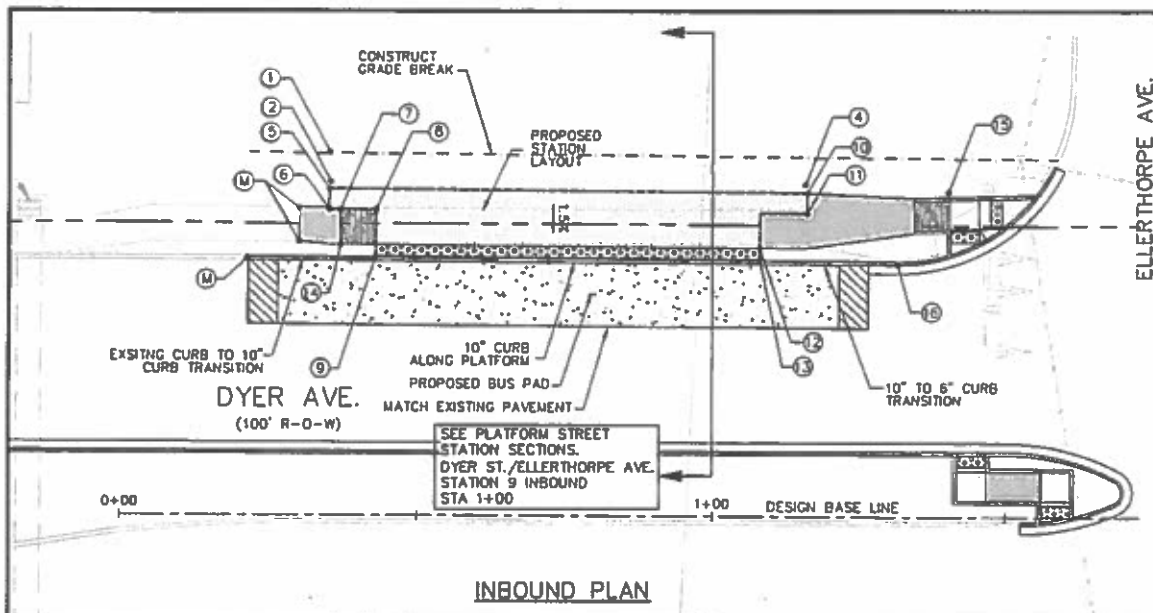
HAUT - ZILLIUS
HAUT - ZILLIUS & ASSOCIATES, P.C.
1100 N. CAMPBELL STREET
EL PASO, TEXAS 79901
PHONE: 915.212.0003
FAX: 915.212.0004

HAUT - ZILLIUS & ASSOCIATES, P.C.
1100 N. CAMPBELL STREET
EL PASO, TEXAS 79901
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FAX: 915.212.0004

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
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FAX 915.212.0004



SHEET
185 of 640



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CONTOUR
- ← DRAINAGE FLOW DIRECTION
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK

NOTES:

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS.
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
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VERTICAL CONTROL DATA SUMMARY

POINT NO.	DESCRIPTION	ELEVATION
1	EXIST GROUND	4006.0
2	TOP OF LANDSCAPE	4004.3
3	EXIST GROUND	4006.0
4	TOP OF LANDSCAPE	4004.7
5	EDGE OF PLATFORM	4004.55
6	EDGE OF PLATFORM	4004.50
7	BOTTOM OF RAMP	4004.10
8	EDGE OF PLATFORM	4004.50
9	TOP OF 10" CURB	4004.37
10	EDGE OF PLATFORM	4004.90
11	EDGE OF PLATFORM	4004.85
12	EDGE OF PLATFORM	4004.70
13	TOP OF 10" CURB	4004.68
14	BOTTOM OF RAMP	4004.00
15	TOP OF LANDSCAPE	4004.60
16	TOP OF CURB	4004.50



SCALE
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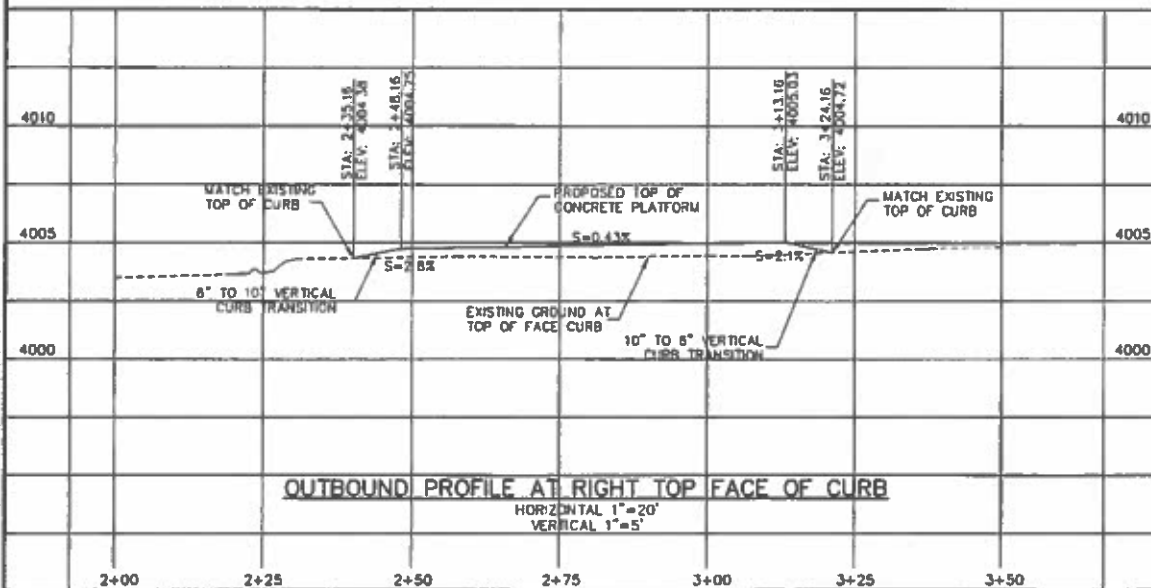
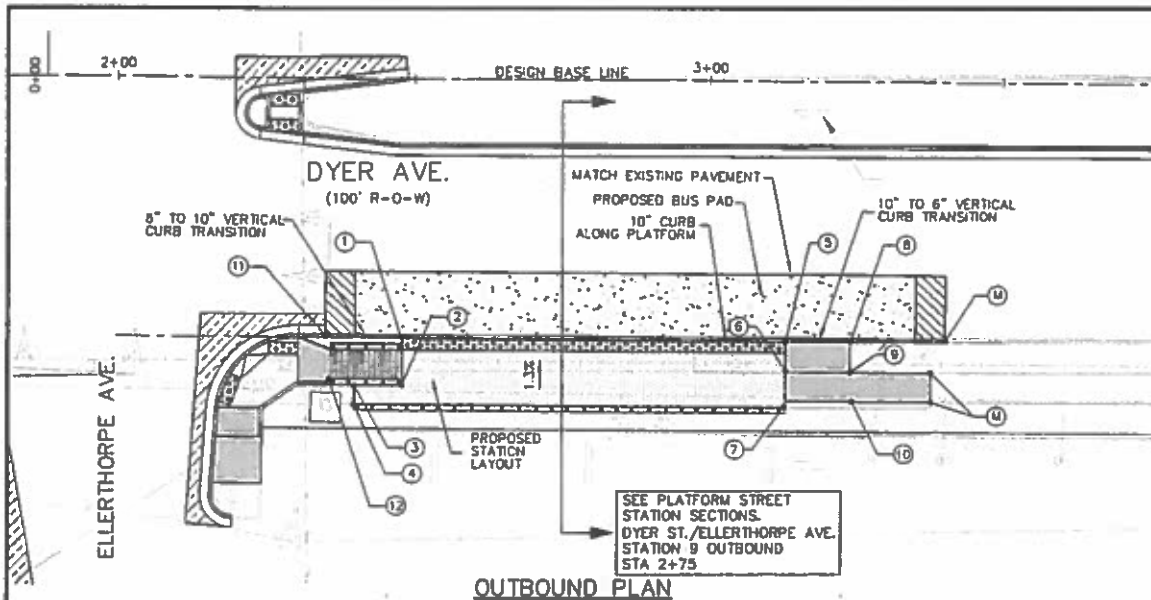
HJIT - ZJLANS
LAST REVIEW DATE: 1/10
BY: JAMES L. HARTZ
CHECKED BY: JAMES L. HARTZ
APPROVED BY: JAMES L. HARTZ

DYER RAPID TRANSIT SYSTEM
DYER ST/ELLERTHORPE AVE
STATION 9, INBOUND
GRADING PLAN AND PROFILE

CAPITAL IMPROVEMENT
CITY OF EL PASO
210 N CAMPBELL STREET
EL PASO, TEXAS 79901
TEL: 915.212.0005
FAX: 915.212.0006



186 640



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CONTOUR
- ← DRAINAGE FLOW DIRECTION
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK

NOTES:

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4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
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VERTICAL CONTROL DATA SUMMARY		
POINT NO.	DESCRIPTION	ELEVATION
1	TOP OF 10" CURB	4004.75
2	EDGE OF PLATFORM	4004.85
3	EDGE OF PLATFORM	4004.85
4	EDGE OF PLATFORM	4004.90
5	TOP OF 10" CURB	4005.03
6	EDGE OF PLATFORM	4005.10
7	EDGE OF PLATFORM	4005.20
8	TOP OF 5" CURB	4004.80
9	SIDEWALK	4004.80
10	SIDEWALK	4004.90
11	TOP OF 5" CURB	4004.38
12	BOTTOM OF RAMP	4003.90



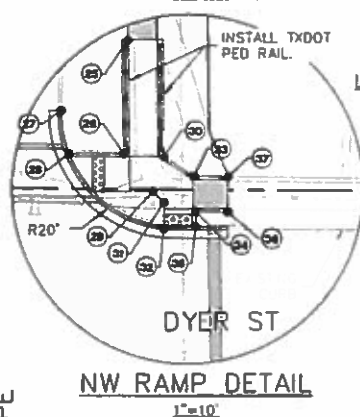
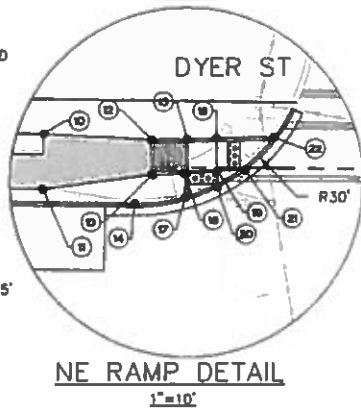
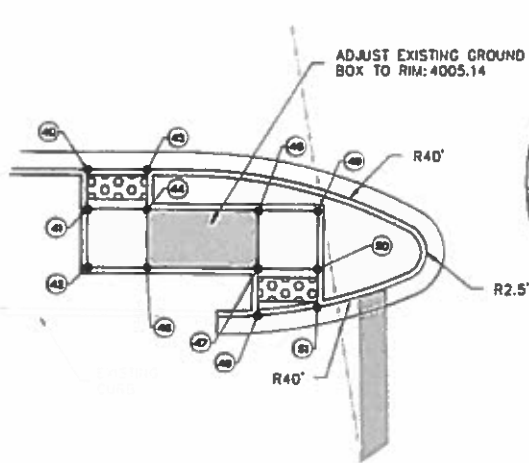
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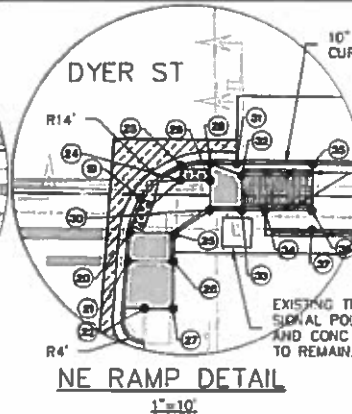
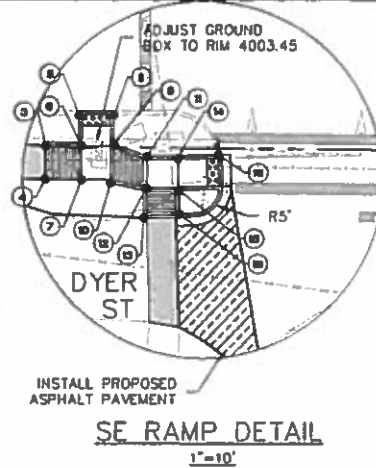
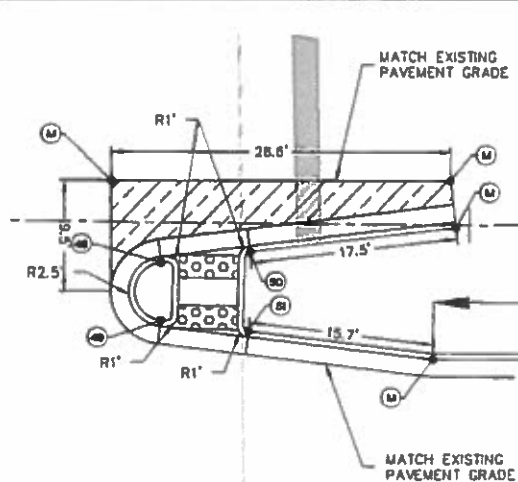
HUIT - ZOLLARS
1411 SOUTH MAIN STREET, 100
EL PASO, TEXAS 79901
TELE 915.712.0005
FAX 915.712.0006

DYER RAPID TRANSIT SYSTEM
DYER ST/ELLERTHORPE AVE
STATION 9, OUTBOUND
GRADING PLAN AND PROFILE

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N CAMPBELL STREET
EL PASO, TEXAS 79901
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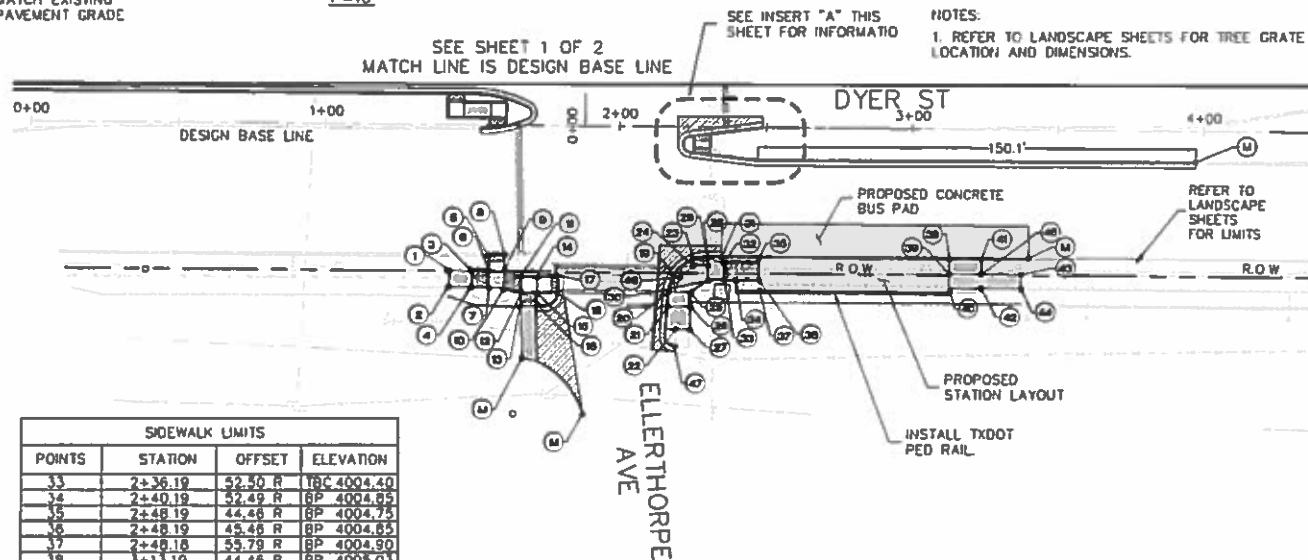






- LEGEND:**
- PROPOSED CONCRETE SIDEWALK
 - PROPOSED CONCRETE DRIVEWAY
 - PLANE ASPHALT
 - PROPOSED ASPHALT PAVEMENT
 - PROPOSED CURB AND GUTTER
 - PROPOSED CURB
 - PROPOSED CURB (VARIABLE HEIGHT)
 - MATCH EXISTING ELEVATION
 - GRADE BREAK
 - PROPOSED ADA CURB RAMPS

INSERT "A"
1"=10'

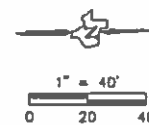


SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
1	1+47.34	49.75 R	GUT 4003.85
2	1+47.33	49.58 R	GUT 4003.90
3	1+47.78	49.77 R	SW 4003.85
4	1+49.60	49.58 R	GUT 4003.85
5	1+49.34	44.54 R	TBC 4003.90
6	1+55.65	49.79 R	SW 4003.45
7	1+55.91	55.63 R	GUT 4003.35
8	1+61.56	44.46 R	TBC 4003.92
9	1+61.35	49.45 R	TBC 4003.95
10	1+60.63	46.15 R	TBC 4003.34
11	1+67.02	51.52 R	TBC 4003.60
12	1+66.93	57.03 R	GUT 4003.00
13	1+66.56	62.04 R	TBC 4003.10
14	1+72.21	51.85 R	SW 4003.10
15	1+72.41	57.34 R	TBC 4003.05
16	1+72.56	61.36 R	TBC 4003.15
17	1+79.09	51.12 R	TBC 4003.50
18	1+79.28	57.11 R	TBC 4003.32
19	2+18.67	50.55 R	GUT 4003.50
20	2+17.33	56.47 R	TBC 4003.40
21	2+17.01	61.47 R	TBC 4003.42
22	2+19.97	69.52 R	SW 4003.17
23	2+25.75	44.88 R	GUT 4003.60
24	2+25.74	47.47 R	SW 4003.70
25	2+24.61	56.73 R	TBC 4004.05
26	2+24.61	61.47 R	TBC 4003.60
27	2+24.61	69.55 R	SW 4003.14
28	2+30.75	44.46 R	GUT 4003.85
29	2+30.75	47.42 R	SW 4003.60
30	2+30.75	52.52 R	TBC 4004.20
31	2+35.27	44.46 R	TBC 4004.30
32	2+36.19	46.50 R	SW 4003.90

SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
33	2+36.19	52.50 R	TBC 4004.40
34	2+40.19	52.49 R	BP 4004.65
35	2+48.19	44.46 R	BP 4004.75
36	2+48.19	45.46 R	BP 4004.65
37	2+48.18	55.79 R	BP 4004.90
38	3+13.19	44.46 R	BP 4005.05
39	3+13.19	47.70 R	BP 4005.10
40	3+13.18	55.79 R	BP 4005.20
41	3+24.19	44.46 R	TBC 4004.72
42	3+24.18	54.71 R	BP 4004.90
43	3+37.95	49.72 R	SW 4004.83
44	3+37.95	54.72 R	SW 4004.87
45	3+24.19	49.71 R	BP 4004.80
46	2+21.17	51.52 R	SW 4003.65
47	2+19.89	75.52 R	GUT 4002.52

SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
48	2+24.04	3.44 R	TBC 4005.37
49	2+24.05	8.40 R	TBC 4005.24
50	2+31.51	2.47 R	TBC 4005.58
51	2+31.46	9.24 R	TBC 4005.28

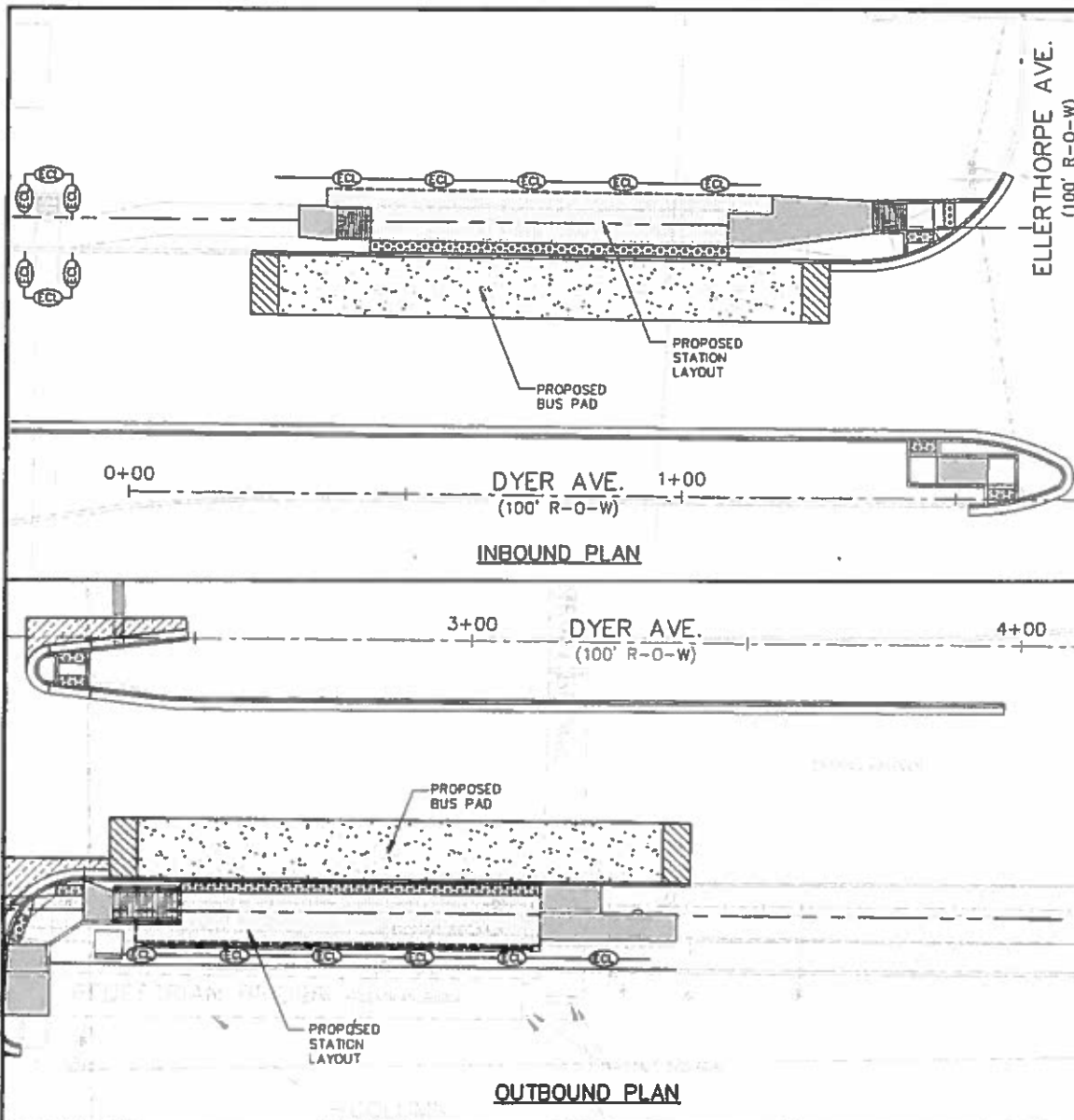
TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER BP=BUS PLATFORM



CITY OF EL PASO
CAPITAL IMPROVEMENT
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.212.0085
FAX 915.212.0086

STATION 9
SIDEWALK PLAN

189 A & 640

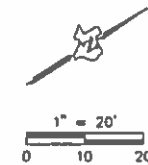


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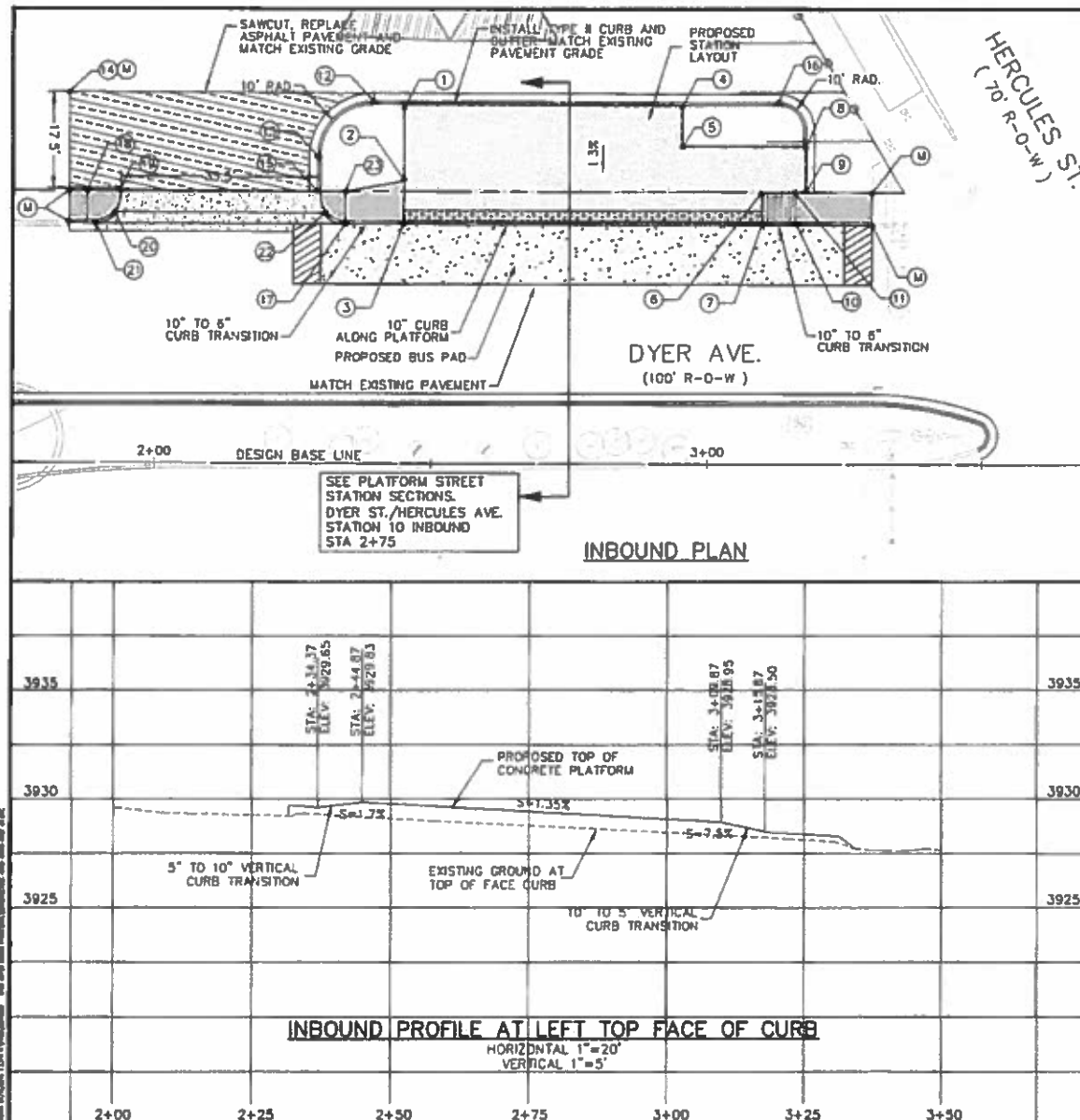
- UNITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- PROPOSED CONCRETE SIDEWALK
- APPROACH PAD
- CONCRETE BUS PAD
- CONCRETE PLATFORM
- INLET PROTECTION EROSION CONTROL LOGS
- SILT FENCE

NOTES

1. CONTRACTOR SHALL PLACE EROSION CONTROL MEASURES AS SHOWN IN THE PLAN VIEWS.
2. CONTRACTOR MAY RE-USE SEDIMENT/EROSION CONTROLS.



HUIT-ZOLLARS 1001 S. GARCIA STREET, SUITE 100 EL PASO, TEXAS 79901 TEL: 915.312.0005 / FAX: 915.312.0006 WWW.HUITZOLLARS.COM	
DYER RAPID TRANSIT SYSTEM DYER ST/ELLERTORPE AVE STATION 9 SWP3 INBOUND/OUTBOUND	CAPITAL IMPROVEMENT CITY OF EL PASO 210 N. CAMPBELL STREET EL PASO, TEXAS 79901 TELE 915.312.0005 FAX 915.312.0006
CAPITAL IMPROVEMENT CITY OF EL PASO	
190	640



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CONTOUR
- ← DRAINAGE FLOW DIRECTION
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK

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VERTICAL CONTROL DATA SUMMARY

POINT NO.	DESCRIPTION	ELEV.	POINT NO.	DESCRIPTION	ELEV.
1	EDGE OF PLATFORM	3930.05	11	SIDEWALK	3928.42
2	EDGE OF PLATFORM	3929.90	12	TOP OF 6" CURB	3930.75
3	TOP OF 10" CURB	3929.83	13	TOP OF 6" CURB	3930.25
4	EDGE OF PLATFORM	3929.40	14	PAVEMENT	3931.10
5	EDGE OF PLATFORM	3929.33	15	SIDEWALK	3929.53
6	EDGE OF PLATFORM	3929.00	16	TOP OF 6" CURB	3929.60
7	TOP OF 10" CURB	3928.95	17	TOP OF 6" CURB	3929.65
8	EDGE OF PLATFORM	3929.10	18	SIDEWALK	3930.26
9	EDGE OF PLATFORM	3929.00	19	SIDEWALK	3930.08
10	TOP OF 6" CURB	3928.50	20	SIDEWALK	3930.00
			21	SIDEWALK	3930.28
			22	SIDEWALK	3929.45
			23	SIDEWALK	3929.65



SCALE
1" = 20'
0 10 20

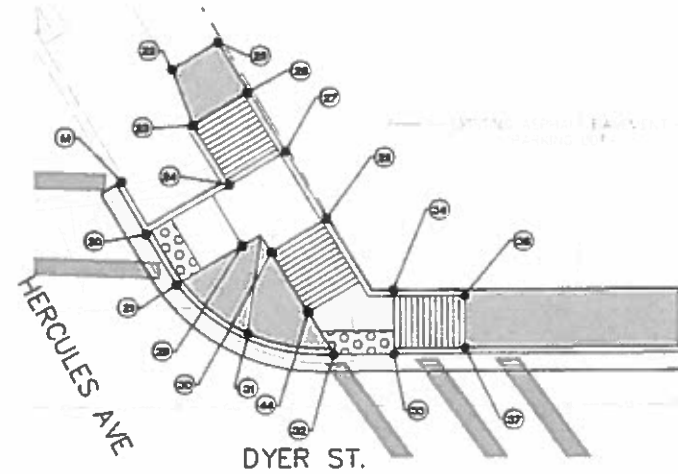
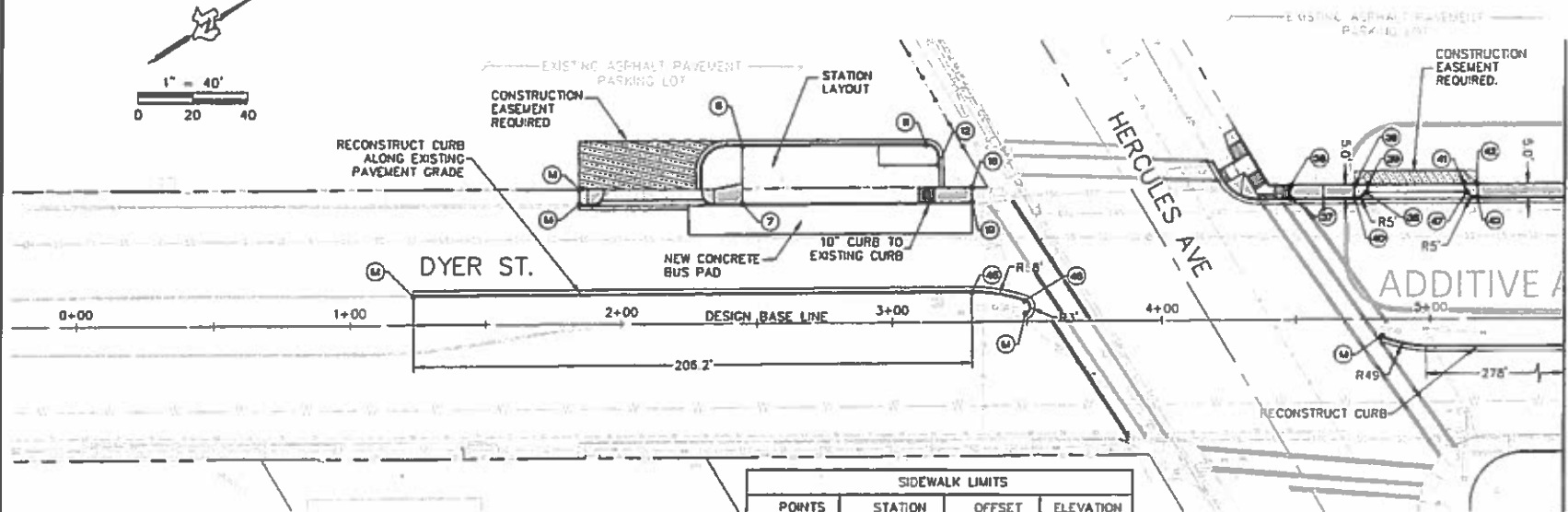
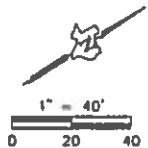
HJIT - ZOLLARS
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
LICENSE NO. 70007
EXPIRATION DATE 12/31/2011
OFFICE: 1101 N. CAMPBELL STREET
EL PASO, TEXAS 79901
PHONE: 915.212.0085
FAX: 915.212.0086

GRADING PLAN AND PROFILE
DYER ST/HERCULES AVE
STATION 10, INBOUND

CAPITAL IMPROVEMENT
CITY OF EL PASO
218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.212.0085
FAX 915.212.0086



SHEET
199 of 640



NW RAMP DETAIL
1"=10'

SIDEWALK LIMITS			
POINTS	STATION	OFFSET	ELEVATION
6	2+44.89	66.00 L	TBC 3920.13
7	2+44.89	44.50 L	BP 3929.83
11	3+12.82	66.00 L	TBC 3929.60
12	3+17.32	58.50 L	TBC 3929.37
16	3+29.90	50.00 L	SW 3928.20
19	3+29.90	44.50 L	TBC 3928.07
20	4+21.19	54.92 L	GUT 3926.92
21	4+23.73	50.61 L	GUT 3926.84
22	4+23.47	68.97 L	SW 3927.61
23	4+25.20	64.17 L	SW 3927.60
24	4+28.30	59.03 L	SW 3927.10
25	4+27.33	71.29 L	SW 3927.75
26	4+29.48	66.75 L	SW 3927.62
27	4+33.01	61.87 L	TBC 3927.50
28	4+36.46	56.15 L	TBC 3927.35
29	4+29.33	53.85 L	SW 3927.00
30	4+31.75	53.31 L	SW 3927.00
31	4+29.73	46.37 L	TBC 3927.10
32	4+36.93	44.49 L	GUT 3926.43
33	4+42.06	44.50 L	GUT 3926.33
34	4+42.06	50.00 L	TBC 3926.90
35			SW 3926.14
36	4+48.06	49.50 L	SW 3926.80
37	4+48.06	45.00 L	SW 3926.80
38	4+72.20	50.00 L	SW 3926.48
39	4+75.20		SW 3926.20
40	4+71.94	45.00 L	TBC 3926.48
41			SW 3925.81
42	5+17.68	50.06 L	SW 3925.98
43	5+17.94	45.00 L	TBC 3925.98
44	4+34.85	48.17 L	SW 3926.50
45	3+29.55	11.00 L	TBC 3929.02
46	3+49.07	7.75 L	TBC 3928.90
47			SW 3925.75

TBC=TOP BACK OF CURB SW=SIDEWALK GUT=GUTTER

LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PLANE ASPHALT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB
- PROPOSED CURB (VARIABLE HEIGHT)
- MATCH EXISTING ELEVATION
- GRADE BREAK
- PROPOSED ADA CURB RAMPS

CITY OF EL PASO

CAPITAL IMPROVEMENT

218 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.312.0043
FAX 915.312.0068

STATION 10

SIDEWALK PLAN

SHEET 1 OF 2

PROJECT: DYER ST./HERCULES AVE

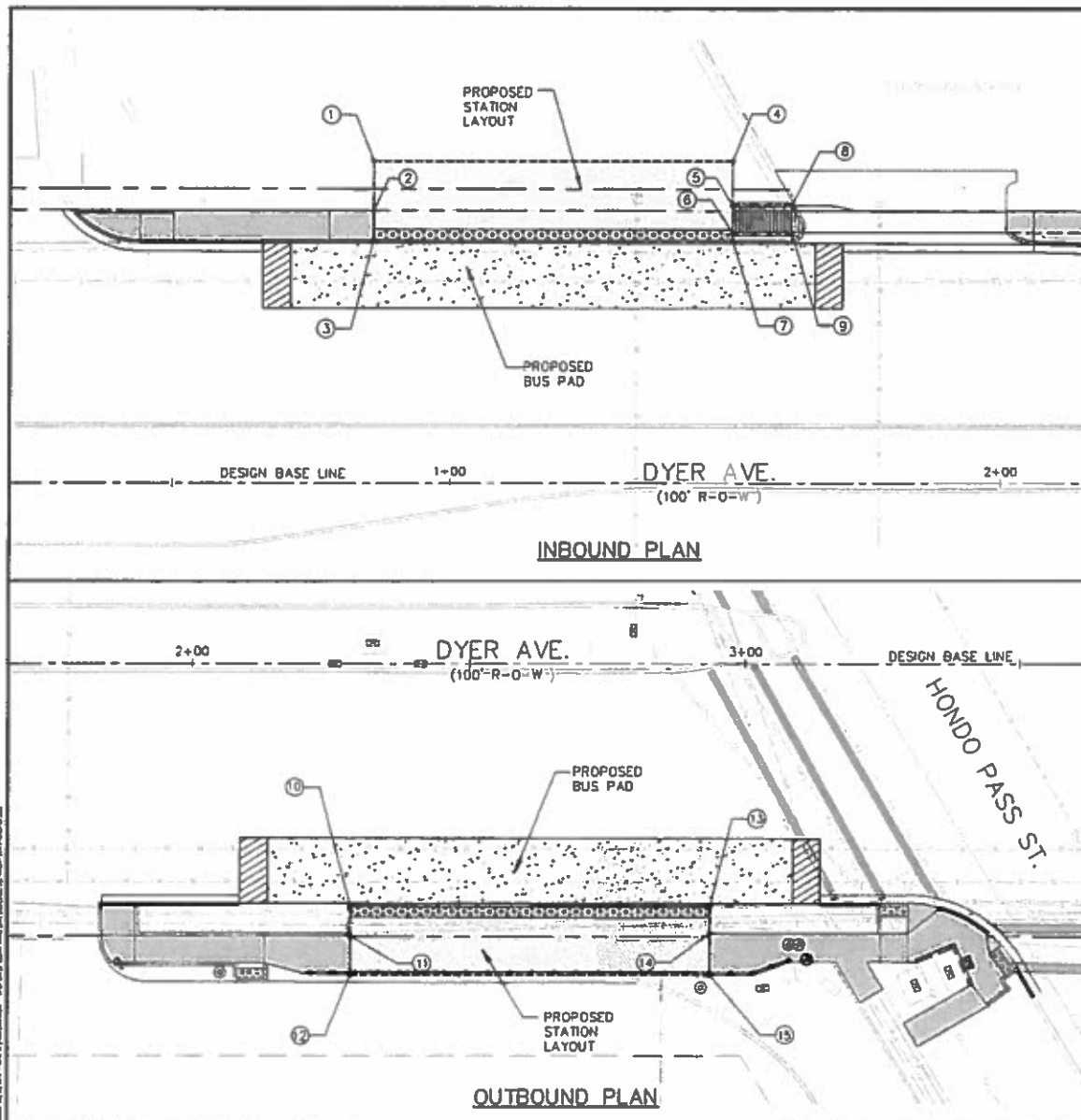
DESIGNER: HUITZ-ZOLLARS

DATE: 01/18/2007

BY: J. HUITZ

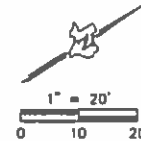
CHECKED BY: J. HUITZ

APPROVED BY: J. HUITZ



LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CURB
- PROPOSED CURB
- [Pattern] DETECTABLE WARNING
- [Pattern] APPROACH PAD
- [Pattern] PROPOSED CONCRETE BUS PAD
- [Pattern] CONCRETE RAMP
- [Pattern] CONCRETE PLATFORM
- [Pattern] PROPOSED CONCRETE SIDEWALK



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5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERIMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

POINT NO.	DESCRIPTION	STATION	OFFSET
INBOUND	1 EDGE OF PLATFORM	0+85.14	59.15 L
	2 EDGE OF PLATFORM	0+85.14	50.00 L
	3 TOP OF CURB	0+85.13	44.56 L
	4 EDGE OF PLATFORM	1+51.14	59.17 L
	5 TOP OF RAMP	1+51.14	51.00 L
	6 TOP OF RAMP	1+51.14	48.00 L
	7 TOP OF CURB	1+51.14	44.56 L
	8 BOTTOM OF RAMP	1+61.92	51.00 L
	9 TOP OF CURB	1+61.92	46.00 L
	10 TOP OF CURB	2+28.75	44.48 R
OUTBOUND	11 BOTTOM OF RAMP	2+28.74	50.00 R
	12 EDGE OF PLATFORM	2+28.74	57.08 R
	13 TOP OF CURB	2+93.75	44.53 R
	14 BOTTOM OF RAMP	2+93.74	49.45 R
	15 EDGE OF PLATFORM	2+93.71	57.15 R

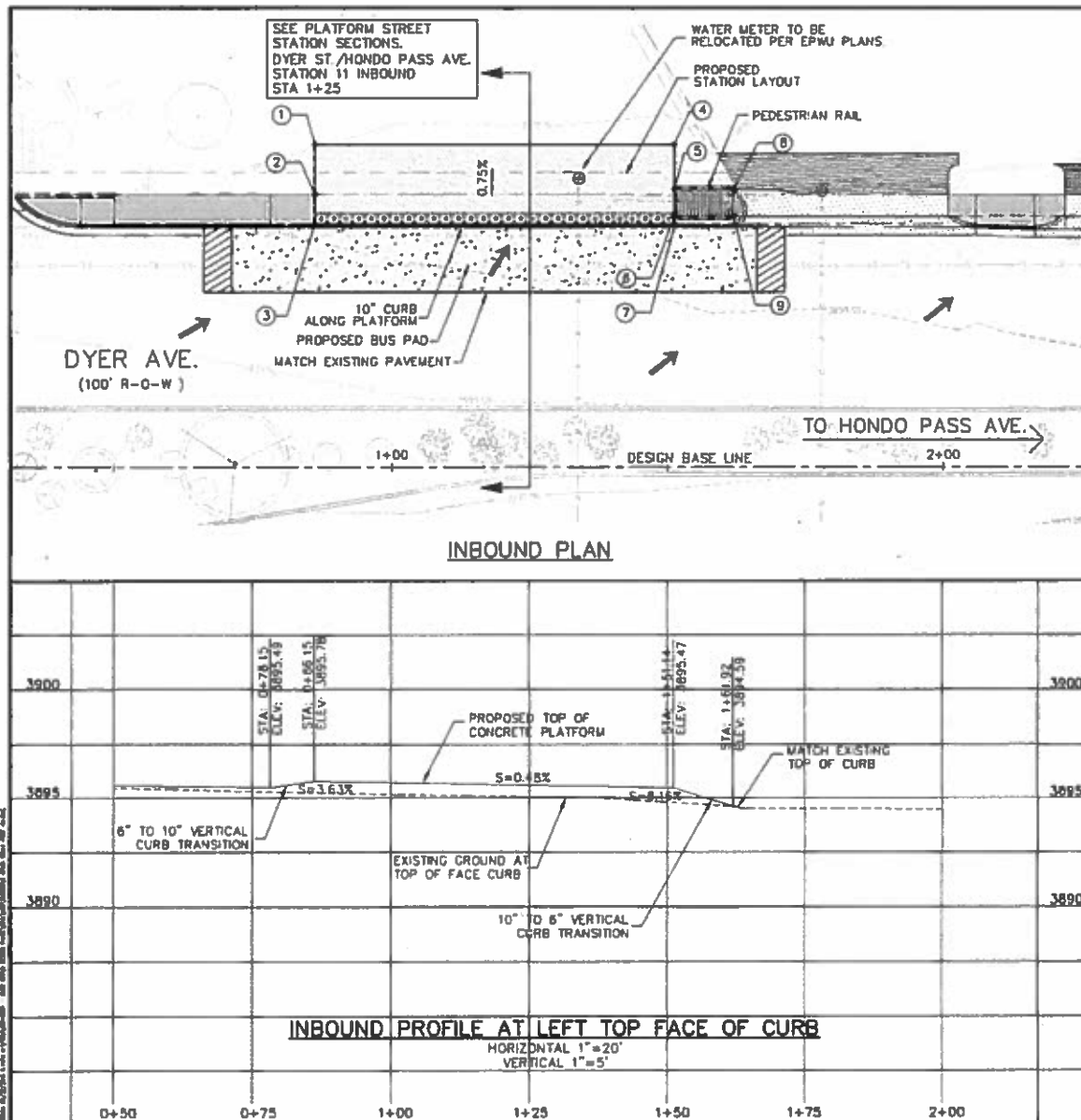
HUIT-ZULIAN
REGISTERED PROFESSIONAL ENGINEER
 STATE OF TEXAS, LICENSE NO. 70057
 MECHANICAL

STATION 11
 INBOUND/OUTBOUND

CAPITAL IMPROVEMENT
CITY OF EL PASO
214 N. CAMPBELL STREET
 EL PASO, TEXAS 79901
 TELE 515.212.0005
 FAX 515.212.0006

CAPITAL IMPROVEMENT
IN 11 IN 11

216 of 640

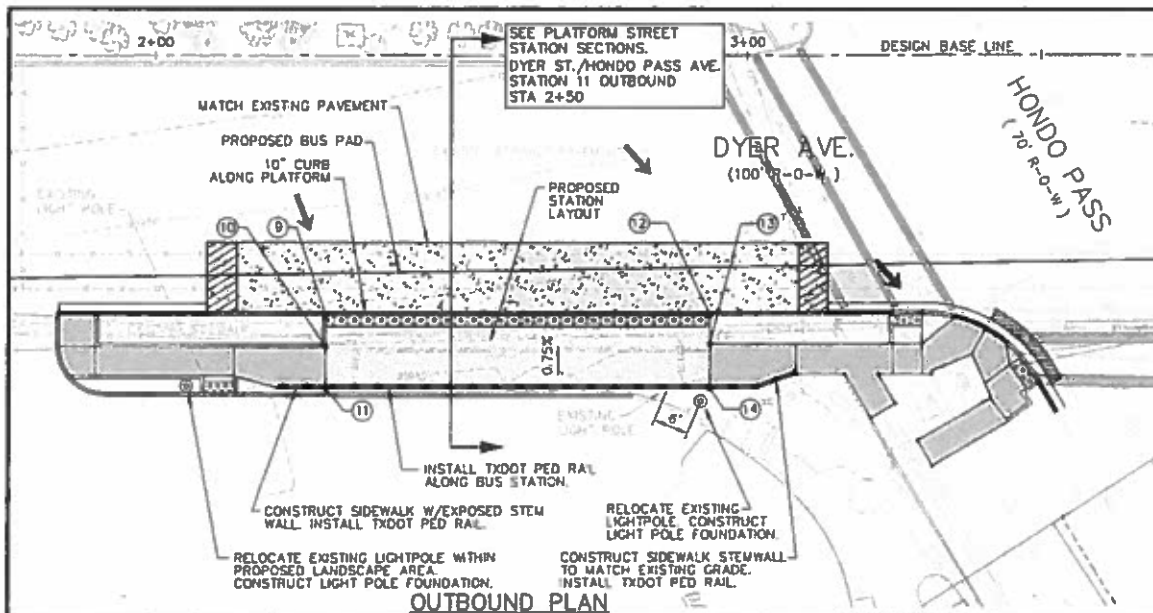


LEGEND:

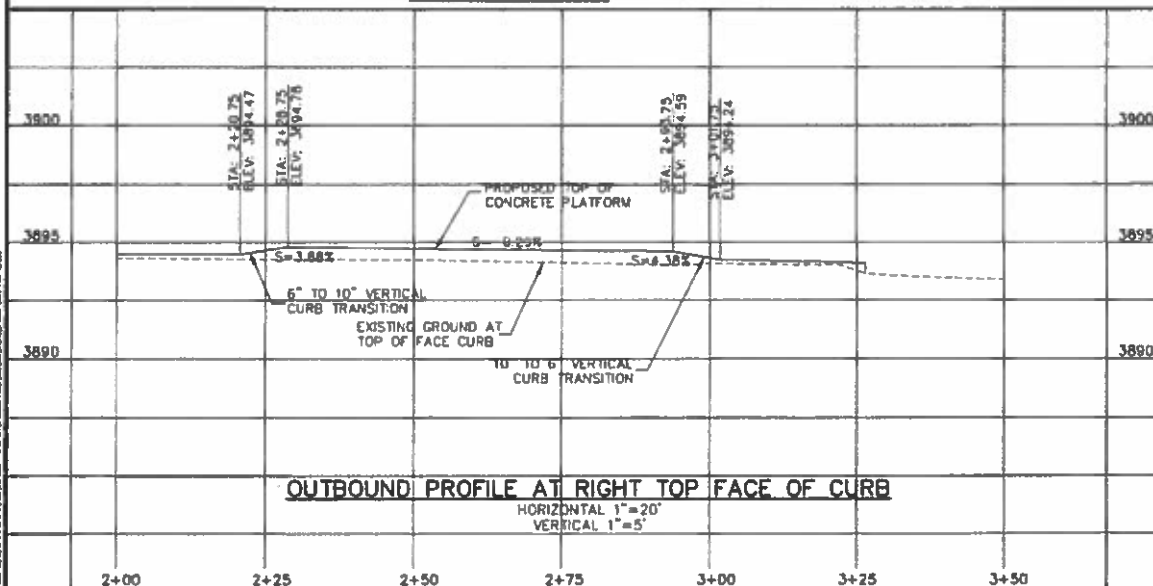
NOTES:

POINT NO.	DESCRIPTION	ELEVATION
1	EDGE OF PLATFORM	3895.89
2	TOP OF RAMP	3895.82
3	TOP OF CURB	3895.78
4	EDGE OF PLATFORM	3892.65
5	TOP OF RAMP	3892.52
6	TOP OF RAMP	3892.48
7	TOP OF CURB	3892.47
8	BOTTOM OF RAMP	3894.65
9	BOTTOM OF RAMP	3894.73





OUTBOUND PLAN



OUTBOUND PROFILE AT RIGHT TOP FACE OF CURB

LEGEND:

- LIMITS OF STATION IMPROVEMENTS (REFER TO NOTE 4)
- PROPOSED R.O.W.
- R.O.W.
- EXISTING CONTOUR
- DRAINAGE FLOW DIRECTION
- DETECTABLE WARNING
- APPROACH PAD
- PROPOSED CONCRETE BUS PAD
- CONCRETE RAMP
- CONCRETE PLATFORM
- PROPOSED CONCRETE SIDEWALK

NOTES:

1. MANHOLES, SEWER, WATER VALVES, RINGS AND COVERS, THAT REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADE ELEVATIONS.
2. CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING UTILITIES, UTILITY METERS, FIRE HYDRANTS, STREET SIGNS AND ILLUMINATION POLES DURING CONSTRUCTION ACTIVITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STATION APPURTENANCES.
4. REFER TO SIDEWALK LAYOUT DRAWINGS FOR SITE WORK BEYOND STATION LIMITS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE CONSTRUCTION LIMITS OF THE STATION AREA WITH THE DEMOLITION PLANS SO THAT EXACT BOUNDARIES OF DEMOLITION MAY BE DETERMINED.
6. THERE ARE NUMEROUS UTILITIES IN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES BEFORE STARTING ANY CONSTRUCTION OPERATIONS IN THE PROJECT AREA.
7. THE FINISHED GRADE AT NEWLY CONSTRUCTION SURFACES AROUND THE PERIMETER OF STATION IMPROVEMENTS SHALL BE FLUSH WITH EXISTING ADJACENT SURFACE GRADE UNLESS OTHERWISE SHOWN ON PLANS.

VERTICAL CONTROL DATA SUMMARY		
POINT NO.	DESCRIPTION	ELEVATION
9	TOP OF CURB	3894.78
10	EDGE OF PLATFORM	3894.82
11	EDGE OF PLATFORM	3894.87
12	TOP OF CURB	3894.59
13	EDGE OF PLATFORM	3894.63
14	EDGE OF PLATFORM	3894.68

CITY OF EL PASO
CAPITAL IMPROVEMENT

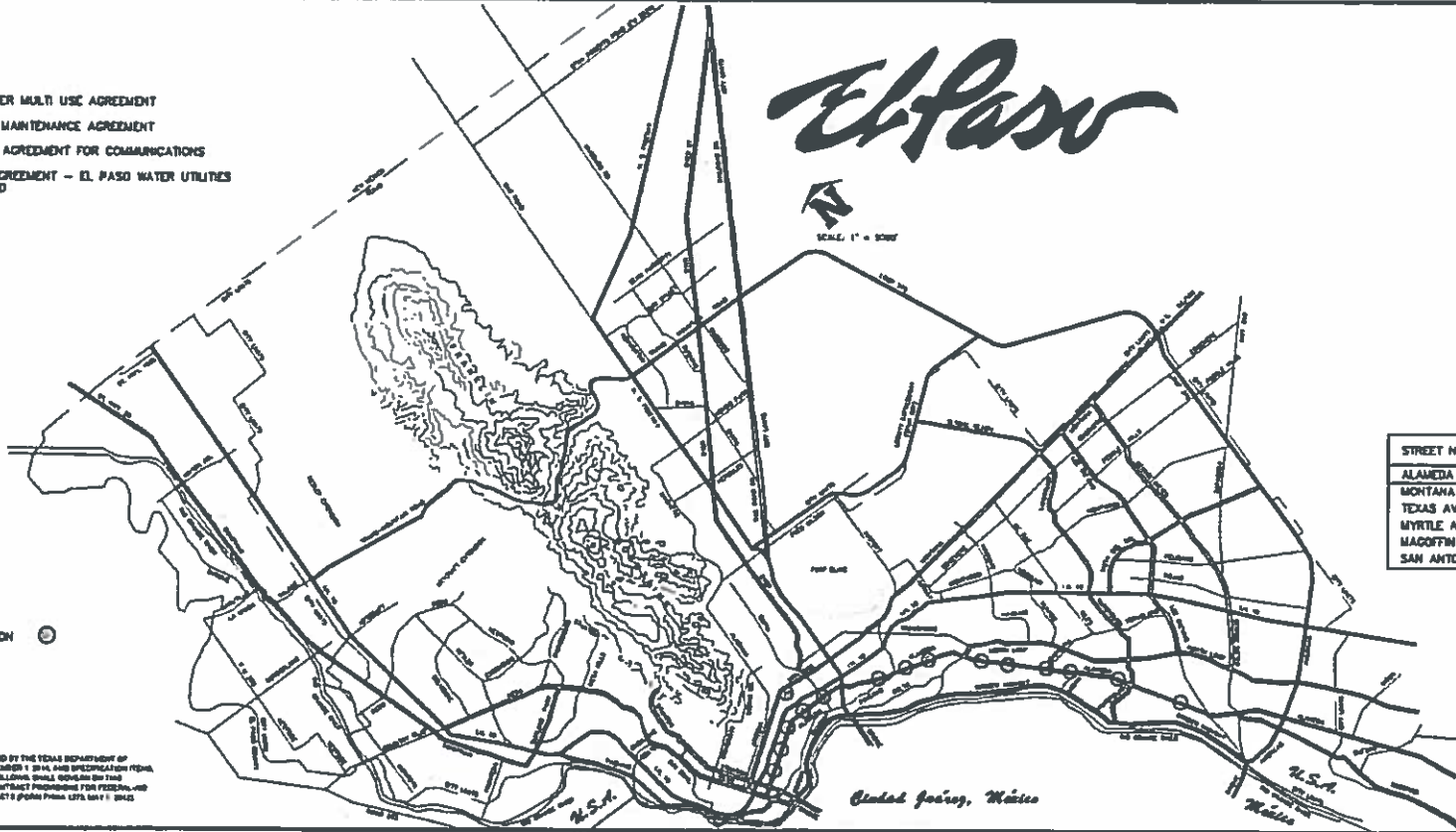
STATION 11, OUTBOUND
GRADING PLAN AND PROFILE

218 640

AGREEMENTS:

- BUS SHELTER MULTI USE AGREEMENT
- MUNICIPAL MAINTENANCE AGREEMENT
- MULTI USE AGREEMENT FOR COMMUNICATIONS
- FUNDING AGREEMENT - EL PASO WATER UTILITIES - JOINT BID

El Paso



STREET NAMES	DESIGN SPEED (MPH)	FUNCTIONAL CLASSIFICATION
ALAMEDA AVENUE	30/35/40	URBAN ARTERIAL
MONTANA AVENUE	30	
TEXAS AVENUE	30	
MYRTLE AVENUE	30	URBAN COLLECTOR
MACOFF AVENUE	30	
SAN ANTONIO AVENUE	30	

TOUR REVIEW REQUIRED
TOUR NO. EAPR200811080

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, NOVEMBER 1, 2014, AND SPECIFICATIONS FOR LIFTED AND BUILT UP FOLLOWING SHALL APPLY TO THIS PROJECT. FURNISH CONTRACT PROVISIONS FOR FEDERAL-aid CONSTRUCTION CONTRACTS (FD-302) FROM LTR, MAY 1, 2015.



Lockwood, Andrews & Newnam, Inc.

A LEGAL COMPANY

TSPE REGISTRATION NO. F-2614

TITLE

SHEET No. 1

SEE SHEET 24 FOR INDEX TO PLAN SHEETS



David W. Clary
3/1/16



**ALAMEDA CORRIDOR
RAPID TRANSIT SYSTEM
VOLUME 2**

(SHELTERS AND FTA FUNDED ITEMS)

MARCH 1, 2016



**CAPITAL IMPROVEMENT
CITY OF EL PASO**

700 N. CAMPBELL STREET
EL PASO, TEXAS 79901
TELE 915.312.2000
FAX 915.312.2000

238369

ENR 01/01/2016

ALAMEDA CORRIDOR RAPID TRANSIT SYSTEM











TOTAL SUMMARY OF ESTIMATED LANDSCAPE QUANTITIES								
ITEM	0170-6001	0192-6017	0192-6031	0192-6046	0193-6001	193-6007	1004-6001	1005-6001
DESCRIPTION	IRRIGATION SYSTEM	VEGETATION BARRIER	PLANT MATERIAL (5 GAL) (SHRUB)	PLANT MATERIAL (MIN 3" CAL) (B&B)	PLANT MAINTENANCE	IRRIGATION SYSTEM OPERATION & MAINT.	TREE PROTECTION	LOOSE AGGREGATE FOR GROUND COVER (TYPE I)
LOCATION	LS	SY	EA	EA	MO	MO	EA	CY
CITY STREETS								
MAGOFFIN	*	89	47	10	*	*	4	10
EUCALYPTUS	*	107	86	12	*	*	*	12
ANGE	*	145	100	13			5	17
CITY SUB-TOTAL	*	341	233	35	** 9	** 12	9	39
TXDOT ROW (ALAMEDA)								
COPIA	*	337	145	17	*	*	*	38
BLANKENHORN	*	66	42	2	*	*	*	6
FLICKER	*	43	92	18	*	*	*	3.5
GEORGE ORR	*	29	37	1	*	*	*	2.4
BUCKLE	*	575	264	17	*	*	*	42
YARBROUGH	*	311	119	20	*	*	1	25.9
CAROLINA	*	21	19	6	*	*	*	18.5
UNCL	*	85	62	18	*	*	*	18
TXDOT SUB-TOTAL	*	1427	717	91	** 9	** 12	1	178
PROJECT TOTAL	1	1768	950	126	** 9	** 12	10	217

* INDICATES NO INDIVIDUAL QUANTITIES PER STATION OR 0 QUANTITY.

** INDICATES PLANT MAINTENANCE (0193-6001) FOR CITY STREETS & TXDOT R.O.W. STATIONS WILL BE PROVIDED FOR 9 MONTHS (3 MONTHS OF MAINTENANCE ARE INCLUDED IN TXDOT STANDARD SPECIFICATION ITEM 192) AND IRRIGATION SYSTEM OPERATION & MAINT (0193-6007) QUANTITY IS FOR 12 MONTHS. THIS WILL PROVIDE A TOTAL OF 12 MONTHS OF MAINTENANCE FOR BOTH LANDSCAPE & IRRIGATION FROM DATE OF FINAL ACCEPTANCE FOR ALL STATIONS. REFER TO TXDOT STANDARD SPECIFICATION ITEM NO. 193 LANDSCAPE ESTABLISHMENT.

DATE	01/16/2018	BY	ALM
PROJECT	ALAMEDA RAPID TRANSIT SYSTEM		
SCALE	AS SHOWN		
SHEET	16-100-R1		
PROJECT	ALAMEDA RAPID TRANSIT SYSTEM		
DATE	01/16/2018	BY	ALM
PROJECT	ALAMEDA RAPID TRANSIT SYSTEM		
SCALE	AS SHOWN		
SHEET	16-100-R1		
PROJECT	ALAMEDA RAPID TRANSIT SYSTEM		
DATE	01/16/2018	BY	ALM
PROJECT	ALAMEDA RAPID TRANSIT SYSTEM		
SCALE	AS SHOWN		
SHEET	16-100-R1		
PROJECT	ALAMEDA RAPID TRANSIT SYSTEM		

PLANT SCHEDULE

SYMBOL	ABB.	BOTANICAL NAME	COMMON NAME	PROJECT TOTAL QUANTITIES	SIZE & COMMENTS	HT. x SPR	NUMBER OF EMITTERS	SIZE OF EMITTER GPH	ZONE
3" GAL. TREES									
		Lagerstroemia indica # Taveri 'Arapaho'	ARAPAHO GRAPE MYRTLE	45	3" CALIPER 8-10FT. HT.	20' X 10'	12	2	TR-DROP
		Lagerstroemia indica # Endora White	GLENDORA WHITE GRAPE MYRTLE	61	3" CALIPER 8-10FT. HT.	25' X 20'	12	2	TR-DROP
		Lagerstroemia indica # Taveri 'Cata-iba'	CATAMBA CREPE MYRTLE	25	3" CALIPER 8-8FT. HT.	15' X 10'	12	2	TR-DROP
5 GALLON SHRUBS									
		Nerita oleander 'Little Red'	OLEANDER DHARP RED	54	5 GAL	3' X 6'	2	2	SH-DROP
		Tecoma stans	YELLOW BELLS	102	5 GAL	3' X 6'	2	2	SH-DROP
		Sava greggii	CHERRY SAGE	242	5 GAL	4' X 4'	2	2	SH-DROP
		Myrsinebergia 'Regal Mist'	REGAL MIST HUNTER	133	5 GAL	15' X 2'	2	2	SH-DROP
		Raphanopsis indica 'Snow White'	DHARP INDIAN HAWTHORN	421	5 GAL	2' X 2'	2	2	SH-DROP
		Ilex vomitoria 'Nand'	DHARP YALPON HOLLY	48	5 GAL	3' X 4'	2	2	SH-DROP
		EXISTING TREE, SHRUB AND PALM	PROVIDE TREE PROTECTION PER NOTES AND DETAILS	21					

EMITTER LEGEND

LEGEND

 PROVIDE AND INSTALL 5/4" GOLDEN BROWN ROCK MULCH, 5' DEPTH WITH FILTER FABRIC.

 PROPOSED STATION (TYP) (Not to Scale)

 PROPOSED ILLUMINATION POLE

 EXISTING TREE, SHRUB OR PALM

KEYED NOTES

- PROJECT LIMITS OR NOT IN CONTRACT (N/C)
- SIDEWALKS AND CONCRETE CURBS, SEE CIVIL ENGINEERING PLANS
- DRIVE WAY, SEE CIVIL ENGINEERING PLANS
- EXISTING CONCRETE RAMP, SEE ENGINEERING PLANS
- PRESERVE AND PROTECT EXISTING LANDSCAPE (TYP) TREE SHRUB OR PALM
- REMOVE AND DISPOSE OF EXISTING PLANT MATERIAL OR TREE

NOTE: FOR CLARITY PURPOSES, SYMBOLS ON LEGEND ARE NOT NECESSARILY 'TO SCALE'.

DATE	REVISION	BY	CHKD
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11/11/11	100	ALAN	ALAN



ALAMEDA RAPID TRANSIT SYSTEM
PLANT SCHEDULE & GENERAL LEGENDS

PLANT SCHEDULE

SYMBOL ABB BOTANICAL NAME COMMON NAME

5' CAL. TREES

	Lagerstroemia indica 'Arapaho'	ARAPAHO GRAPE MYRTLE
	Lagerstroemia indica 'Glendora White'	GLENDORA WHITE GRAPE MYRTLE
	Lagerstroemia indica 'Catanba Crepe'	CATANBA CREPE MYRTLE

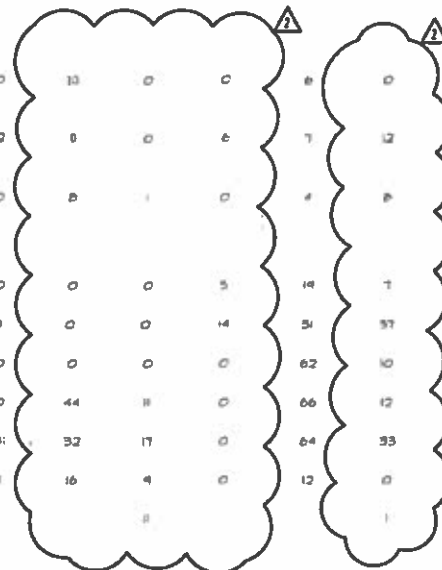
5 GALLON SHRUBS

	Nerum pander 'Lili's Red'	OLEANDER DWARF RED
	Tecoma stans	YELLOW BELLS
	Salvia greggii	CHERRY SAGE
	Hysterbergia 'Regal Mist'	REGAL MIST MIMLY
	Raptopispa indica Snow	DWARF INDIAN HANTHORN
	Hesperaloe parviflora	DWARF YAUPOH HOLLY
	EXISTING TREE SHRUBS AND PALM	PROVIDE TREE PROTECTION PER NOTES AND DETAILS

"NOT INCLUDED" INDICATES NO LANDSCAPE IS PLANNED FOR THIS STATION.

MAGOFFIN ANGE EUCALYPTUS COPA UNK PENDELL FLICKER GEORGE ORR CAROLINA VOCATIONAL YARBROUGH

SITE QUANTITY



NOTE: FOR CLARITY PURPOSES, SYMBOLS ON LEGEND ARE NOT NECESSARILY TO SCALE.

DATE	REVISION
11/11/11	1
11/11/11	2
11/11/11	3
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11/11/11	7
11/11/11	8
11/11/11	9
11/11/11	10

Site
4110 1st Street, Suite 11
El Paso, TX 79901
Phone: 915-237-0800
Fax: 915-237-0801
E-mail: info@site.com
www.site.com

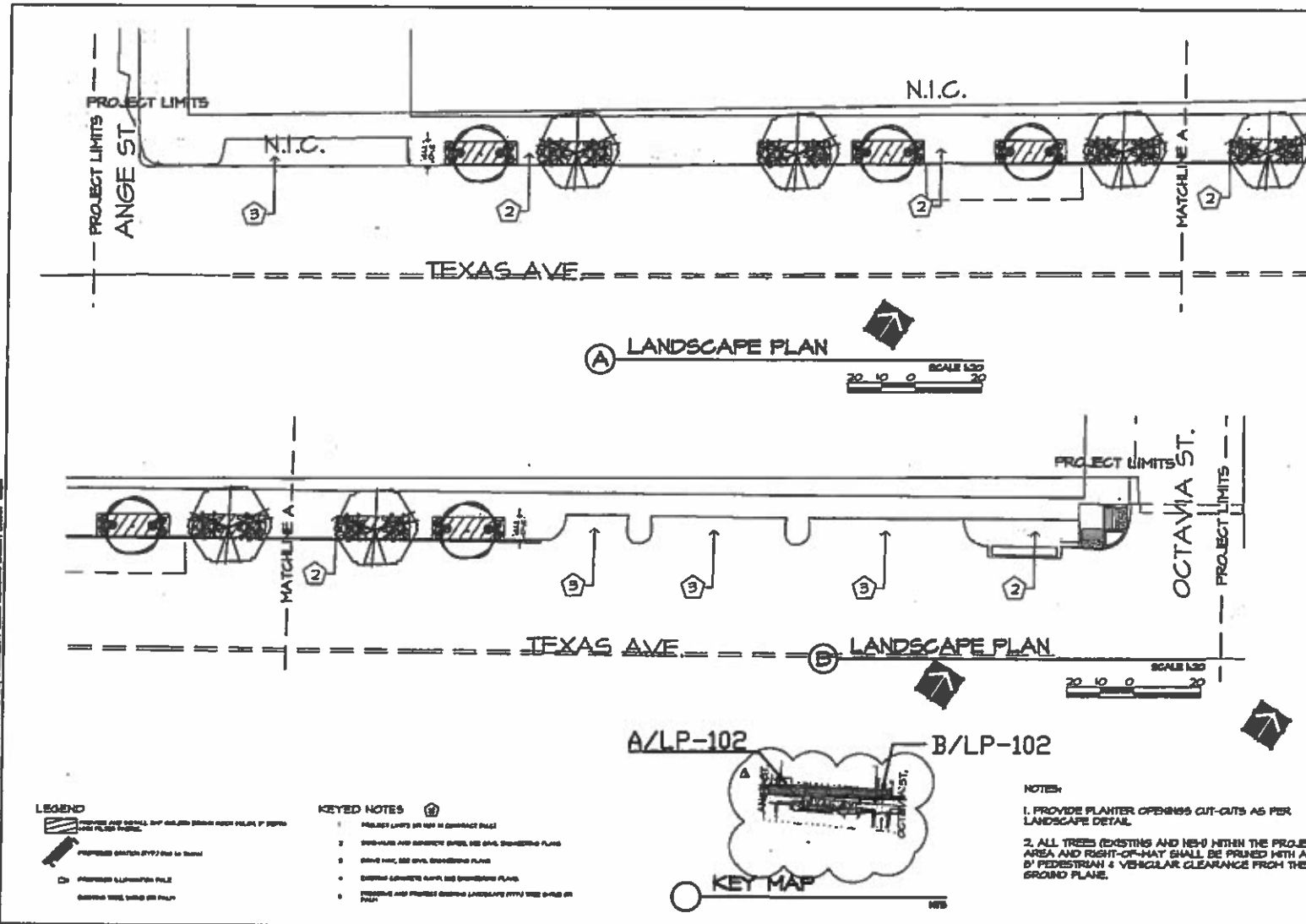


SCALE
1" = 10'
1" = 20'
1" = 40'
1" = 80'

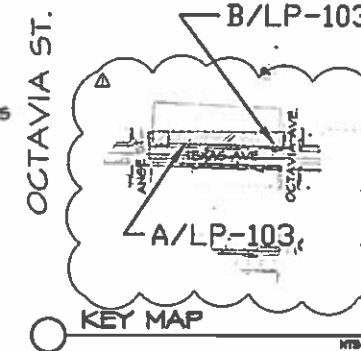
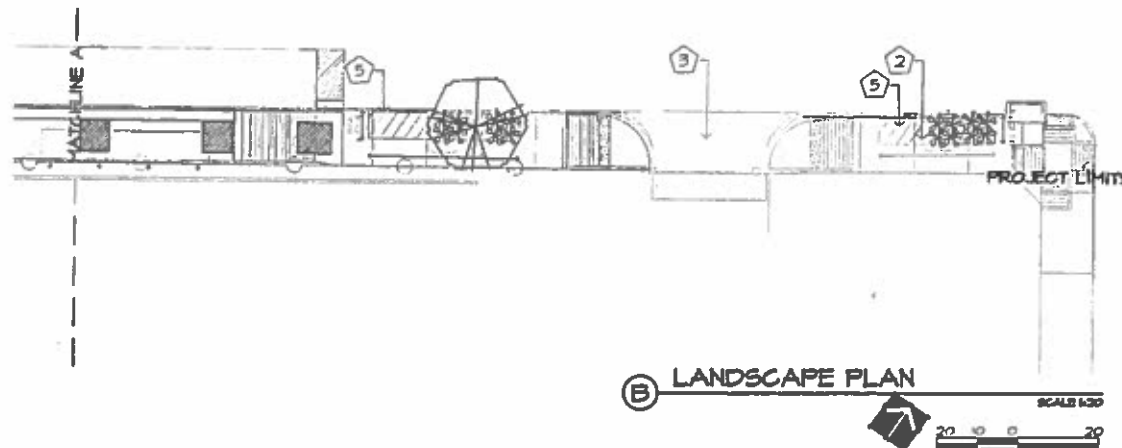
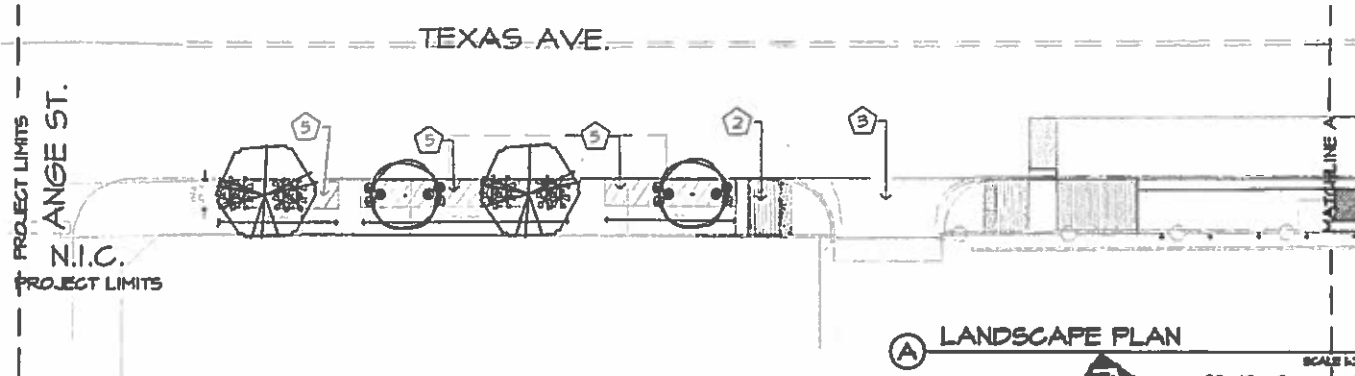
ALAMEDA RAPID TRANSIT SYSTEM
PLANT SCHEDULE & GENERAL LEGEND

CAPITAL IMPROVEMENT CITY OF EL PASO
CAPITAL IMPROVEMENT
1111 Capital City
El Paso, TX 79901
Phone: 915-237-0800
Fax: 915-237-0801
E-mail: info@cityofelpaso.com
www.cityofelpaso.com

SHEET
11-15-11
11-15-11
11-15-11



<p>ALAMEDA RAPID TRANSIT SYSTEM</p>	
<p>TEXAS AVE. ANGE ST.</p>	
<p>CAPITAL IMPROVEMENT CENTER</p>	
<p>UNION</p>	



LEGEND

- 1. PROPOSED AND INSTALL 8" x 12" BOLLARD SPACING 10' ON CENTER
- 2. PROPOSED PLANTING (TYP) AND 10' TYP
- 3. PROPOSED PLANTING (TYP) AND 10' TYP
- 4. PROPOSED PLANTING (TYP) AND 10' TYP
- 5. PROPOSED PLANTING (TYP) AND 10' TYP

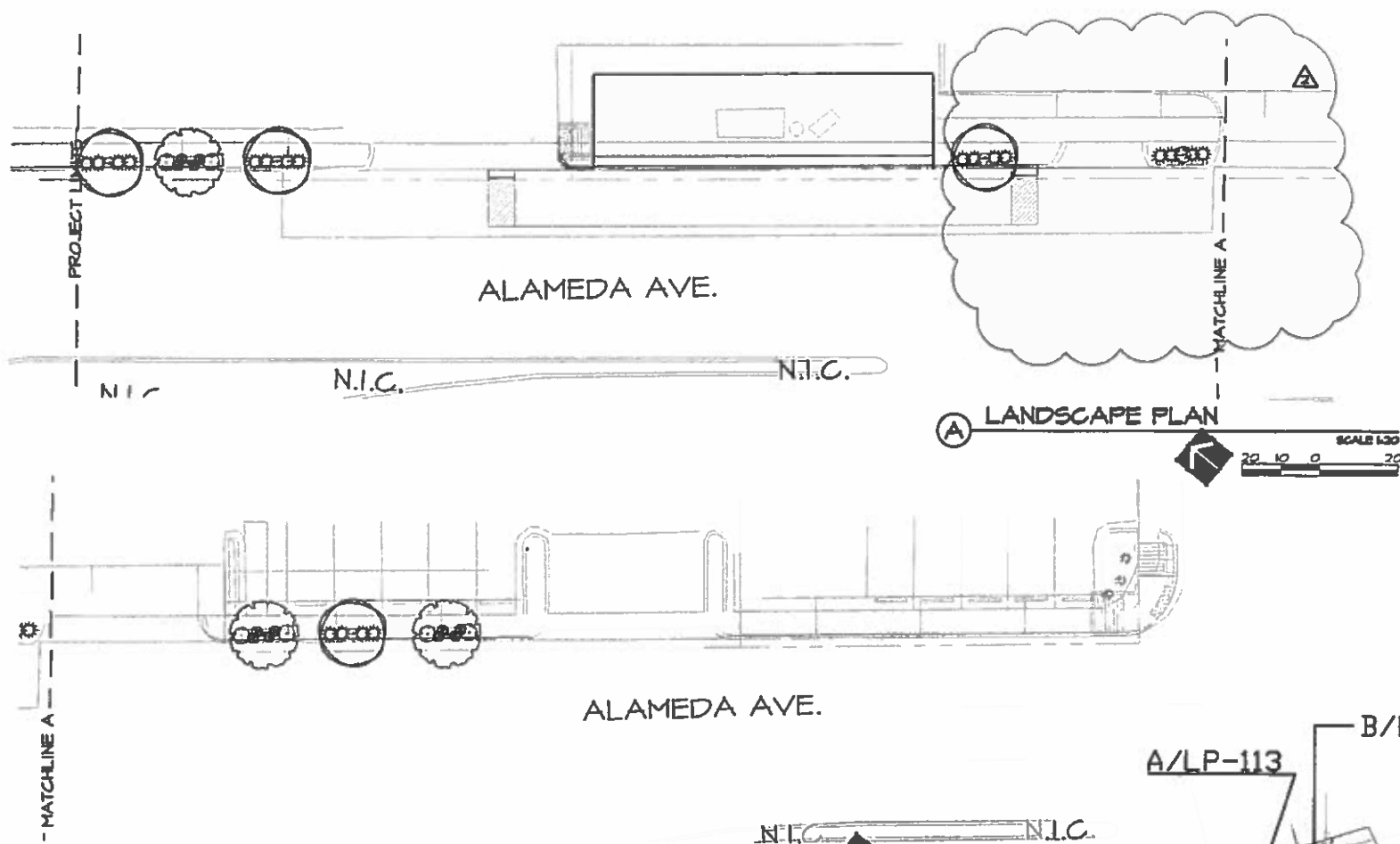
KEYED NOTES

1. PROJECT LIMITS OF NOT IN CONTACT WITH
2. BOLLARDS AND CEMENT CURBS SEE CIVIL ENGINEERING PLANS
3. DRIVE WAY SEE CIVIL ENGINEERING PLANS
4. EXISTING CONCRETE DRIVE SEE ENGINEERING PLANS
5. EXISTING AND PROPOSED LANDSCAPE WITH 10' TYP DRIVE ON PLANT

NOTES

1. PROVIDE PLANTING OPENINGS CUT-OUTS AS PER LANDSCAPE DETAIL
2. ALL TREES (EXISTING AND NEW) WITHIN THE PROJECT AREA AND RIGHT-OF-WAY SHALL BE PRUNED WITH AN 8' PEDESTRIAN & VEHICULAR CLEARANCE FROM THE GROUND PLANE.

<p>PROJECT LOCATION: 4116 10th Street, Suite 217, Alameda, CA 94601, Tel: 770-888-1111, Fax: 770-888-1112, Email: info@sites.com</p> <p>4116 10th Street, Suite 217 Alameda, CA 94601 Tel: 770-888-1111 Fax: 770-888-1112 Email: info@sites.com</p>	<p>ALAMEDA RAPID TRANSIT SYSTEM</p> <p>LANDSCAPE PLAN TEXAS AVE AND ST</p>
<p>CAPITAL IMPROVEMENTS CITY OF ALAMEDA CAPITAL IMPROVEMENT CITY OF ALAMEDA</p>	<p>SCALE</p> <p>1" = 10'</p>

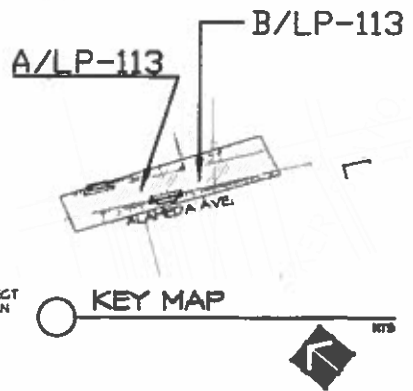


(A) LANDSCAPE PLAN
SCALE 1:30
20 10 0 20

(B) LANDSCAPE PLAN
SCALE 1:30
20 10 0 20

- LEGEND**
- PROPOSED 84x104 (7'x7') TREE TO PLANT
 - PROPOSED 114x114 (9'x9') TREE TO PLANT
 - EXISTING TREE SHOWN ON PLAN

- KEYED NOTES**
1. PROVIDE PLANTER OPENINGS CUT-OUTS AS PER LANDSCAPE DETAIL
 2. ALL TREES (EXISTING AND NEW) WITHIN THE PROJECT AREA AND RIGHT-OF-WAY SHALL BE PRUNED WITH AN 8' PEDESTRIAN & VEHICULAR CLEARANCE FROM THE GROUND PLANE.

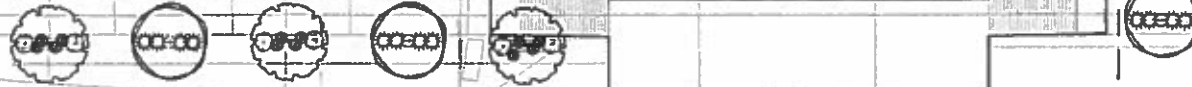


<p>4110 OLD BRIDGE, SUITE 21 EL PASO, TEX. 79905 PHONE: 915-231-0000 FAX: 915-231-0000 E-MAIL: landscape@cityofep.com WWW: www.cityofep.com</p>	
<p>LANDSCAPE PLAN BOUND FLUCKER</p>	
<p>CAPITAL IMPROVEMENT CITY OF EL PASO 11400 EL PASO STREET EL PASO, TEXAS 79905</p>	
<p>SHEET LP-113-R1</p>	

ALAMEDA AVE.

ALAMEDA AVE.

MATCHLINE A



© LANDSCAPE PLAN

SCALE 1/320



N.T.C.

N.T.C.

N.T.C.

ALAMEDA AVE.

ALAMEDA AVE.

PROJECT LIMITS

MATCHLINE A



© LANDSCAPE PLAN

SCALE 1/320



LEGEND

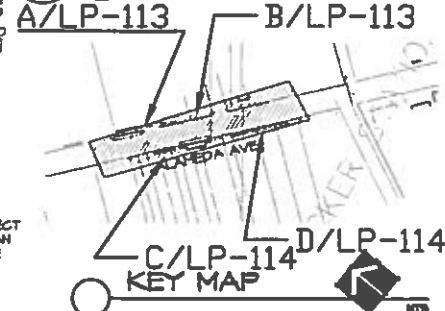
- PROVIDE AND INSTALL 3/4" GALVANIZED IRON REBAR 12" DEPTH WITH 1/4" FOR FACING
- PROPOSED STATION (TYP) (SEE TO SCALE)
- PROPOSED ALUMINUM POLE
- EXISTING TREE, SHOWN FOR PAINT

KEYED NOTES

- PROJECT LIMITS ARE NOT IN CONFLICT WITH
- SCHEMATIC AND CONCRETE CURB SEE CIVIL ENGINEERING PLANS
- DRIVE WAY SEE CIVIL ENGINEERING PLANS
- SHOULDER CONCRETE RAMP SEE ENGINEERING PLANS
- PRESERVE AND PROTECT EXISTING LANDSCAPE (TYP) TREE SHOWN ON PLAN

NOTES

- PROVIDE PLANTER OPENINGS CUT-OUTS AS PER LANDSCAPE DETAIL
- ALL TREES (EXISTING AND NEW) WITHIN THE PROJECT AREA AND RIGHT-OF-WAY SHALL BE PRUNED WITH AN 8' PEDESTRIAN & VEHICULAR CLEARANCE FROM THE GROUND PLANE.



DATE	REVISION	BY	CHK
01/15/2011	1	AL	AL
02/15/2011	2	AL	AL
03/15/2011	3	AL	AL
04/15/2011	4	AL	AL
05/15/2011	5	AL	AL
06/15/2011	6	AL	AL
07/15/2011	7	AL	AL
08/15/2011	8	AL	AL
09/15/2011	9	AL	AL
10/15/2011	10	AL	AL
11/15/2011	11	AL	AL
12/15/2011	12	AL	AL

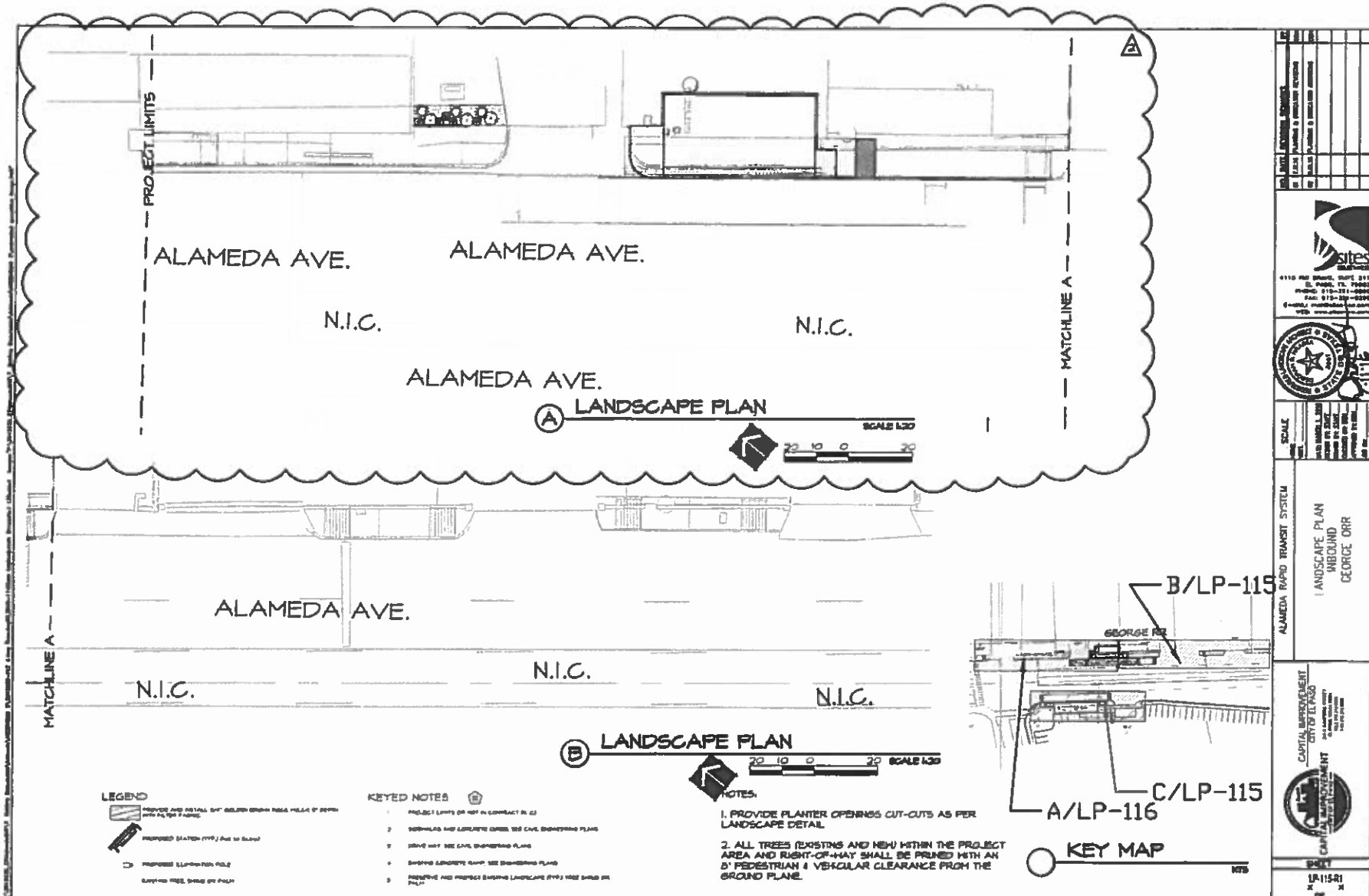
ALAMEDA RAPID TRANSIT SYSTEM

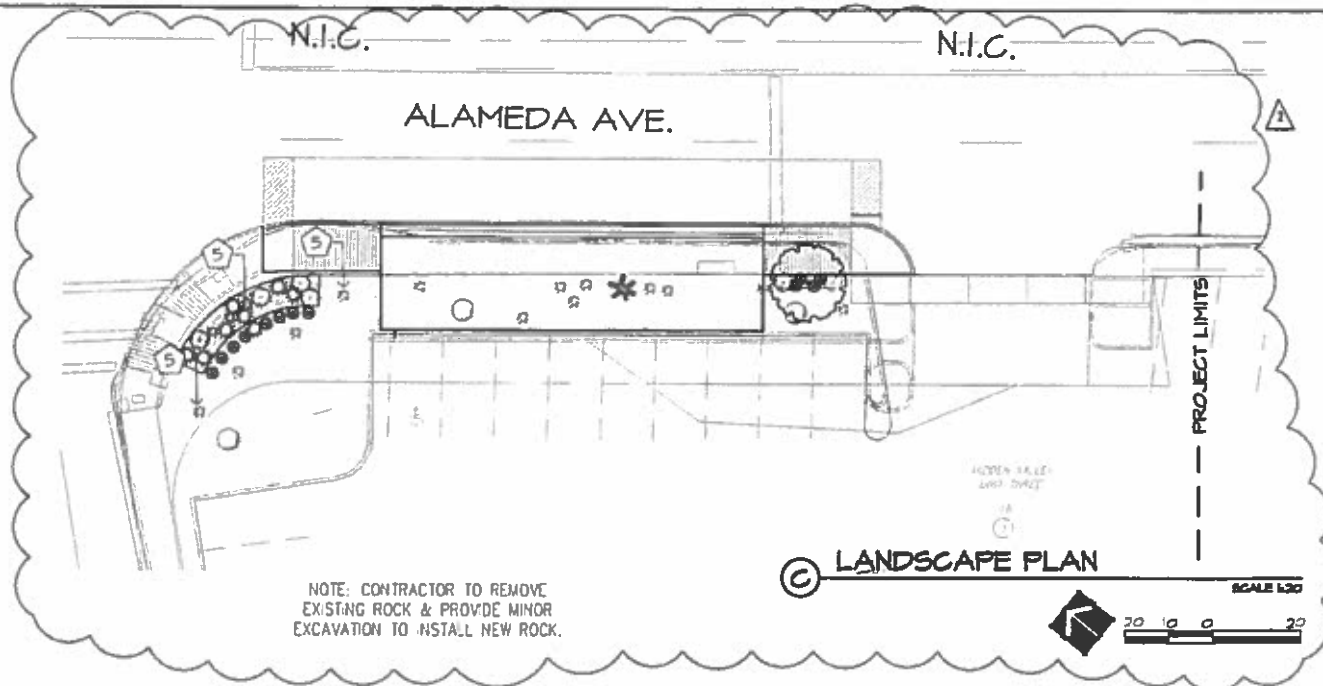
LANDSCAPE PLAN
OUTBOUND
FLICKER

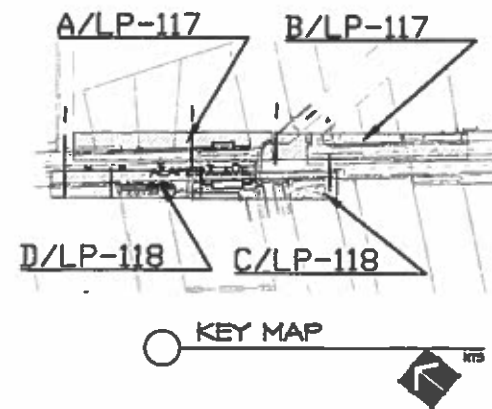
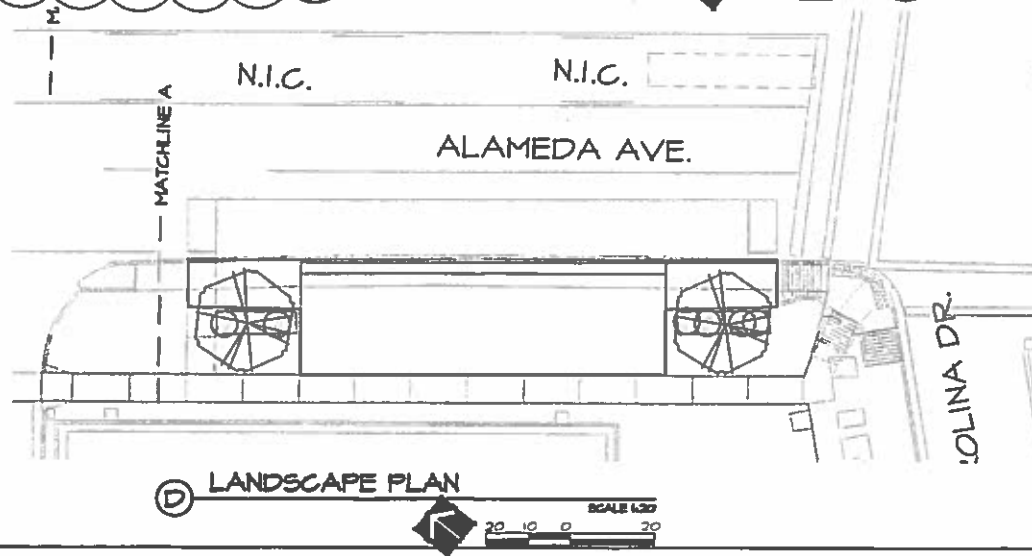
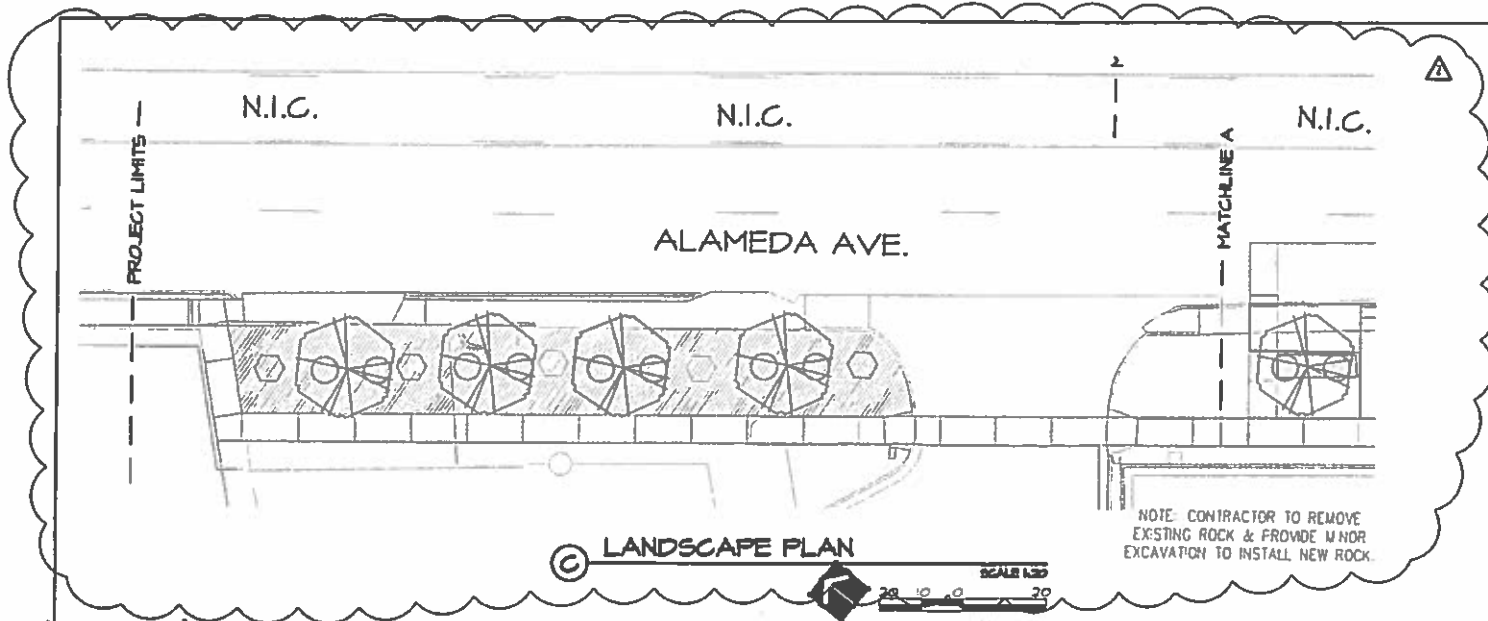
CAPITAL IMPROVEMENT
CITY OF EL PASO
FOR ALAMEDA AVENUE
FROM 0+00 TO 0+100
10/15/2011

CAPITAL IMPROVEMENT
CITY OF EL PASO
FOR ALAMEDA AVENUE
FROM 0+00 TO 0+100
10/15/2011

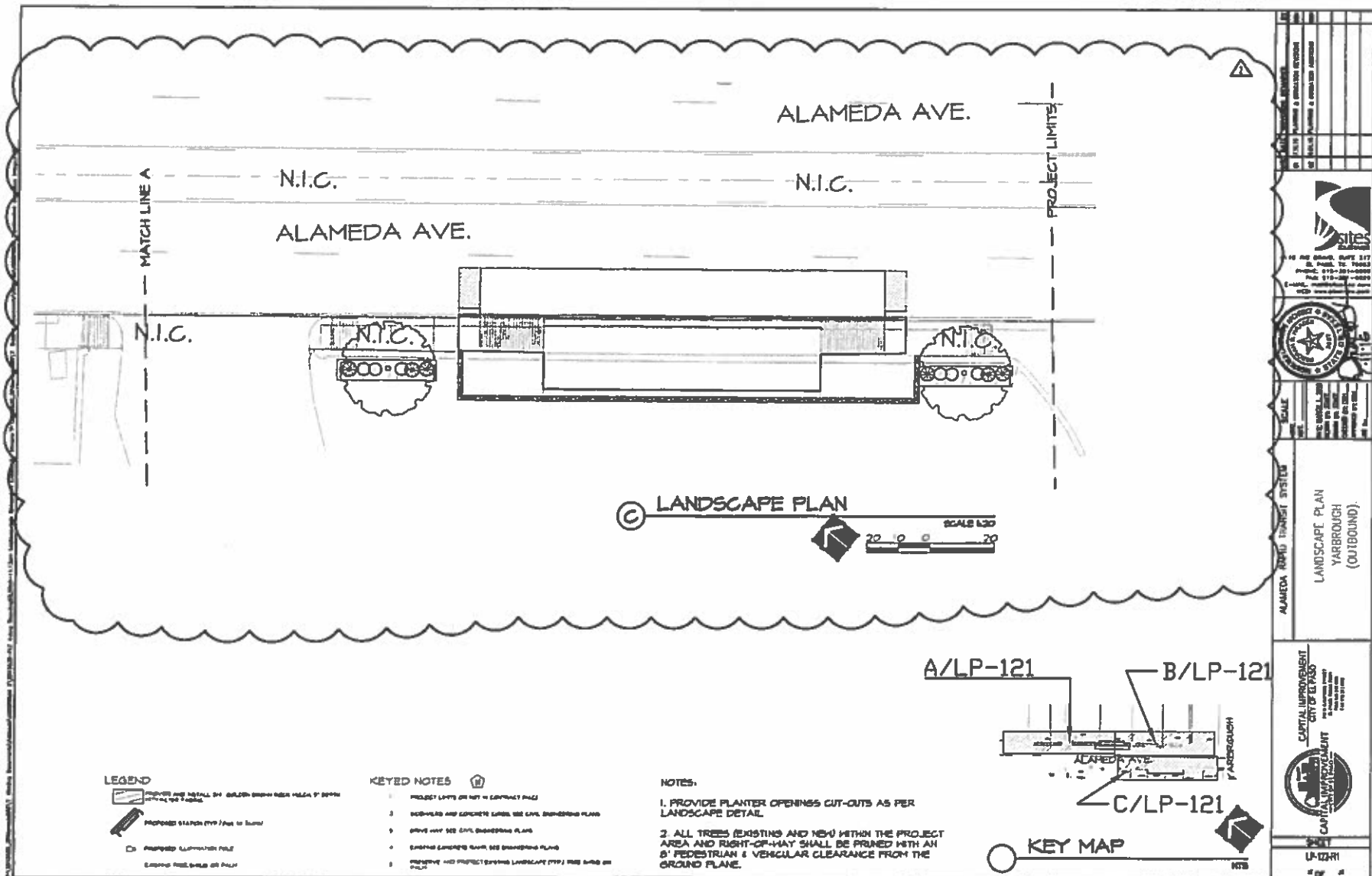
SHEET
1A-114R1
K OF K







	DATE: 10/10/11 BY: J. L. L. / J. L. L. CHECKED: J. L. L. / J. L. L. APPROVED: J. L. L. / J. L. L.
	4110 100th Street, Suite 217 El Paso, TX 79905 Phone: 915-341-1000 Fax: 915-341-1001 E-mail: jll@cityofel Paso.gov Web: www.cityofel Paso.gov
	SCALE 1" = 100'
	ALAMEDA RAPID TRANSIT SYSTEM OUTBOUND N. CAROLINA DR & ALAMEDA AVE
	CAPITAL IMPROVEMENT CITY OF EL PASO CAPITAL IMPROVEMENT PROJECT
	SHEET U-118-R1
	OF 1
	10/10/11



<p>ALAMEDA RAMP TRANSIT SYSTEM</p> <p>LANDSCAPE PLAN</p> <p>YARBROUGH (OUTBOUND)</p>	<p>SCALE</p> <p>1" = 10'</p> <p>1" = 20'</p> <p>1" = 40'</p> <p>1" = 80'</p> <p>1" = 160'</p> <p>1" = 320'</p> <p>1" = 640'</p> <p>1" = 1280'</p> <p>1" = 2560'</p> <p>1" = 5120'</p> <p>1" = 10240'</p> <p>1" = 20480'</p> <p>1" = 40960'</p> <p>1" = 81920'</p> <p>1" = 163840'</p> <p>1" = 327680'</p> <p>1" = 655360'</p> <p>1" = 1310720'</p> <p>1" = 2621440'</p> <p>1" = 5242880'</p> <p>1" = 10485760'</p> <p>1" = 20971520'</p> <p>1" = 41943040'</p> <p>1" = 83886080'</p> <p>1" = 167772160'</p> <p>1" = 335544320'</p> <p>1" = 671088640'</p> <p>1" = 1342177280'</p> <p>1" = 2684354560'</p> <p>1" = 5368709120'</p> <p>1" = 10737418240'</p> <p>1" = 21474836480'</p> <p>1" = 42949672960'</p> <p>1" = 85899345920'</p> <p>1" = 171798691840'</p> <p>1" = 343597383680'</p> <p>1" = 687194767360'</p> <p>1" = 1374389534720'</p> <p>1" = 2748779069440'</p> <p>1" = 5497558138880'</p> <p>1" = 10995116277760'</p> <p>1" = 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14134776518227074636666380005943348126619871175004951664972849</p>
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IRRIGATION LEGEND

NOTE: ALL PARTS SHALL BE AS SPECIFIED, OR APPROVED EQUAL.

[C] 1" WATER METER. CONTRACTOR SHALL FIELD LOCATE WITH CITY OF EL PASO REPRESENTATIVE AND VERIFY GPM & STATIC PRESSURE ON DOWNSTREAM SIDE OF METER AND INFORM IRRIGATION DESIGNER TO VERIFY SYSTEM HYDRAULICS AFTER INSTALLATION OF METERS.

[M] 1" HEAVY DUTY TRUE UNION BALL VALVE. SEE DETAIL C/LI-501.

[V] 1" DOUBLE CHECK VALVE BACKFLOW ASSEMBLY IN UNDERGROUND UTILITY BOX MUST COMPLY WITH ASSE 1060. SEE DETAIL B/LI-502. PROVIDE WILKINS 1" Y-TYPE BRONZE STRAINER.

[B] 1" BRONZE MASTER VALVE. INSTALL IN VALVE BOX. SEE DETAIL A/LI-502.

[P] 1" PRESSURE REDUCING VALVE. SEE DETAIL B/LI-501.

[A] 1" AIR RELEASE VALVE ASSEMBLY. INSTALL ONE PER MASTER VALVE ZONE AT HIGH POINT OF MAIN LINE. SEE DETAIL D/LI-501.

[D] AUTOMATIC DRAIN VALVE. FIELD LOCATE AND INSTALL ONE PER MASTER VALVE ZONE AT LOW POINT OF MAIN LINE. SEE DETAIL E/LI-501.

[E] 1" ELECTRIC CONTROL VALVE WITH PRESSURE REGULATING BASKET FILTER AND PRESSURE REGULATOR FACTORY ASSEMBLED. INSTALL IN JUMBO SIZE BOX WITH LOCKING COVER. COLOR TO MATCH MULCH. PROVIDE LATCHING SOLENOID. SEE DETAIL F/LI-502.

MULTI-OUTLET EMITTER DEVICE WITH 6 PORTS. INSTALL WITH DIFFUSER BUS CAP & STAKE. PROVIDE VALVE BOX WITH LOCKING COVER. COLOR TO MATCH MULCH. SEE DETAIL H/LI-502. PROVIDE 2.0 GPM EMITTER AS FOLLOWS:

- A. TWELVE (12) PER TREE (2 MULTI OUTLET DEVICES PER TREE)
- B. TWO (2) PER 5 GALLON PLANT

1/2" PVC SCHEDULE 40 MAIN LINE, UNLESS OTHERWISE SHOWN ON THE PLANS

PVC SCHEDULE 40 LATERAL PIPE - ALL PIPE IS 1" UNLESS OTHERWISE SPECIFIED ON PLANS. 12" MIN DEPTH OF BURY. SEE PIPE SIZING CHART

1/2" SLEEVE. SCHEDULE 40, 4" DIAMETER UNLESS OTHERWISE NOTED ON PLANS. PROVIDE SUFFICIENT NUMBER TO ALLOW TOTAL PIPING DIAMETER IN SLEEVE TO FIT AND TO BE TWO (2) SIZES SMALLER THAN THE SLEEVE. CONTROL WIRE SHALL BE IN SEPARATE 1/2" SLEEVE. PROVIDE SLEEVES UNDER ALL HARD SURFACES WHERE NO SLEEVE REQUIRED FOR PROPOSED IRRIGATION. PROVIDE TWO (2) SLEEVES FOR FUTURE IRRIGATION ADDITIONS. CONTRACTOR SHALL BORE UNDER EXISTING STREETS, SIDEWALKS AND CURBS AS NEEDED, OR AS SHOWN ON THE PLANS.

PIPE SIZING CHART

LATERALS SHALL BE SCHEDULE 40 PVC, SIZED AS INDICATED BELOW.

UP TO 8 GPM	3/4"
8 TO 12 GPM	1"
12 TO 22 GPM	1 1/4"
22 TO 30 GPM	1 1/2"
30 TO 50 GPM	2"
50 TO 70 GPM	2 1/2"

GENERAL IRRIGATION NOTES

1. NOT IN CONTRACT (N.I.C.)

2. ALL SLEEVES AND PIPE SHALL BE IN THE RIGHT OF WAY.

3. ALL SLEEVES SHALL BE BORED UNLESS PAVEMENT WILL BE REMOVED AND THEN SLEEVES CAN BE INSTALLED IN OPEN TRENCH AND COVERED WITH NEW PAVEMENT. NO PAVING CUTS AND PATCH WILL BE ACCEPTED.

4. ALL PIPE SHALL BE ROUTED AROUND STATIONS WHERE POSSIBLE. IF STATION EXTENDS TO THE RIGHTS OF THE RIGHT OF WAY WITH PIPE SHALL BE SLEEVED BELOW STATION IN MOST ADVANTAGEOUS AREA AND COORDINATED WITH CITY REPRESENTATIVE AND IRRIGATION DESIGNER.

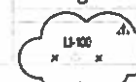
5. PROTECT AND PRESERVE EXISTING IRRIGATION LINES & COMPONENTS.

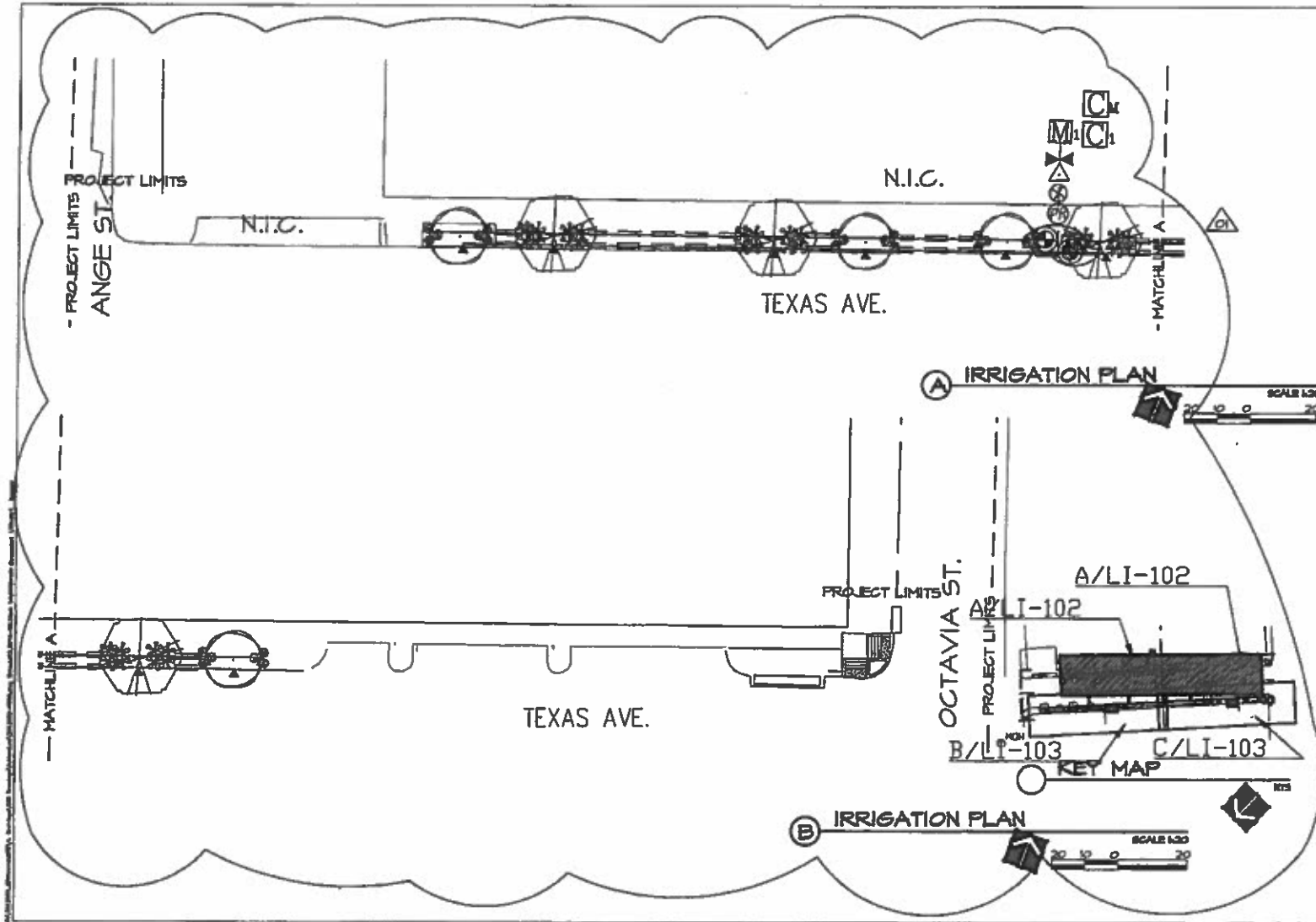
DATE	7-11-16
BY	ALAMEDA RAPID TRANSIT SYSTEM
CHECKED	
APPROVED	



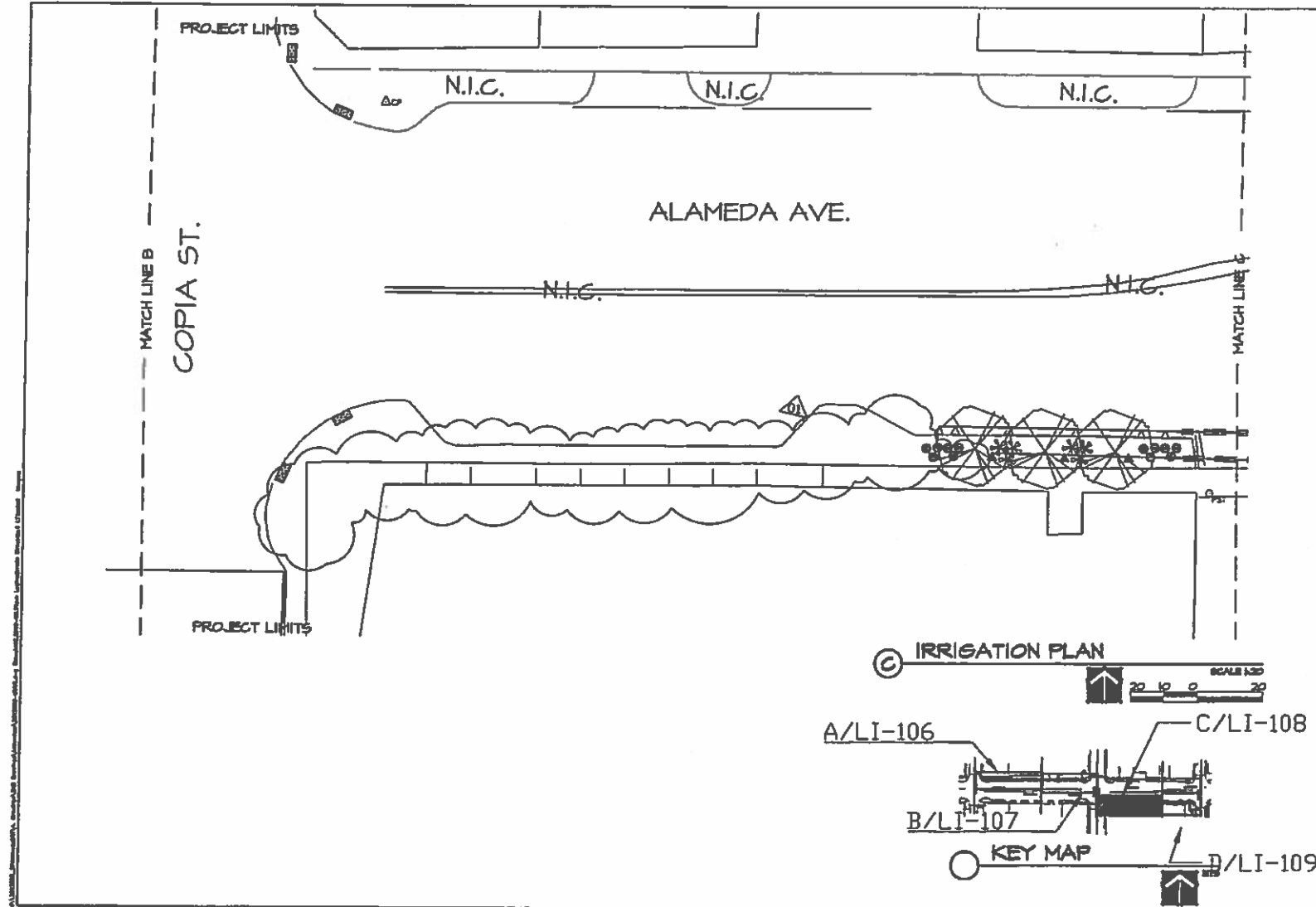
ALAMEDA RAPID TRANSIT SYSTEM

IRRIGATION LEGEND

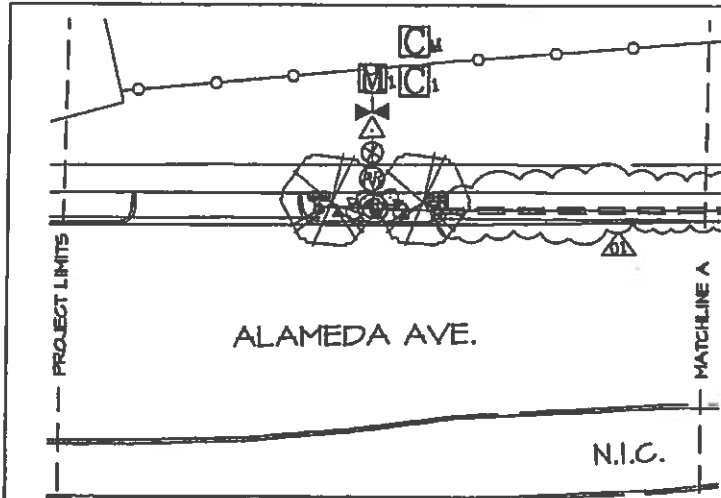




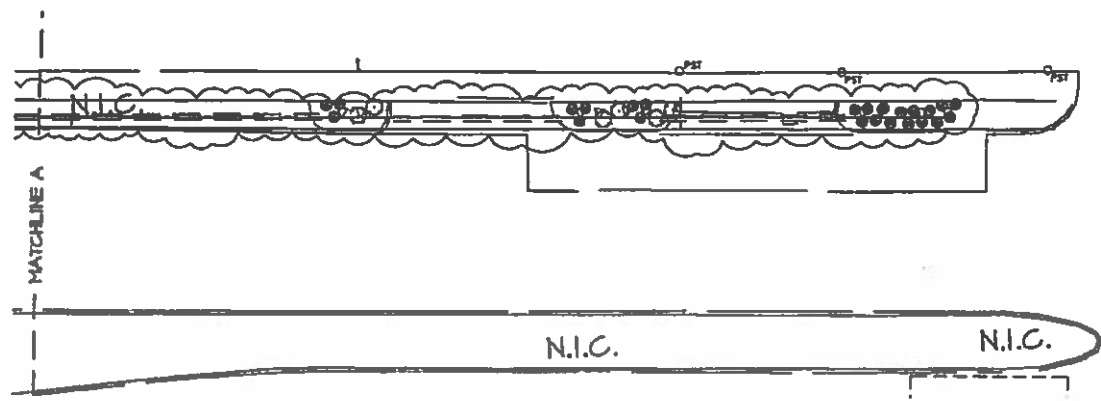
CAPITAL IMPROVEMENT DEPARTMENT 1100 N. GARDEN ST. LOS ANGELES, CA 90012	SCALE 1" = 100'
ALAMOSA RAPID TRANSIT SYSTEM IRRIGATION PLAN ANGE AVE. & TEXAS AVE.	
SHEET U-102A OF 1	



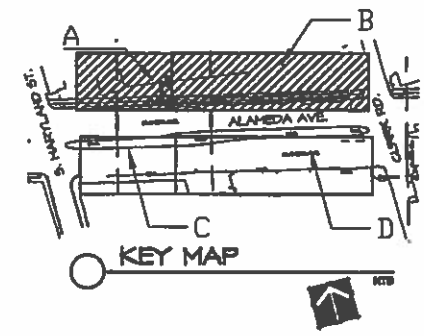
PROJECT NO. 100-1000 SHEET NO. 100-1000		SCALE 1"=20'	ALAMEDA RAPID TRANSIT SYSTEM	CAPITAL IMPROVEMENT CITY OF SAN FRANCISCO
PROJECT NO. 100-1000 SHEET NO. 100-1000		SCALE 1"=20'	ALAMEDA RAPID TRANSIT SYSTEM	CAPITAL IMPROVEMENT CITY OF SAN FRANCISCO
PROJECT NO. 100-1000 SHEET NO. 100-1000		SCALE 1"=20'	ALAMEDA RAPID TRANSIT SYSTEM	CAPITAL IMPROVEMENT CITY OF SAN FRANCISCO



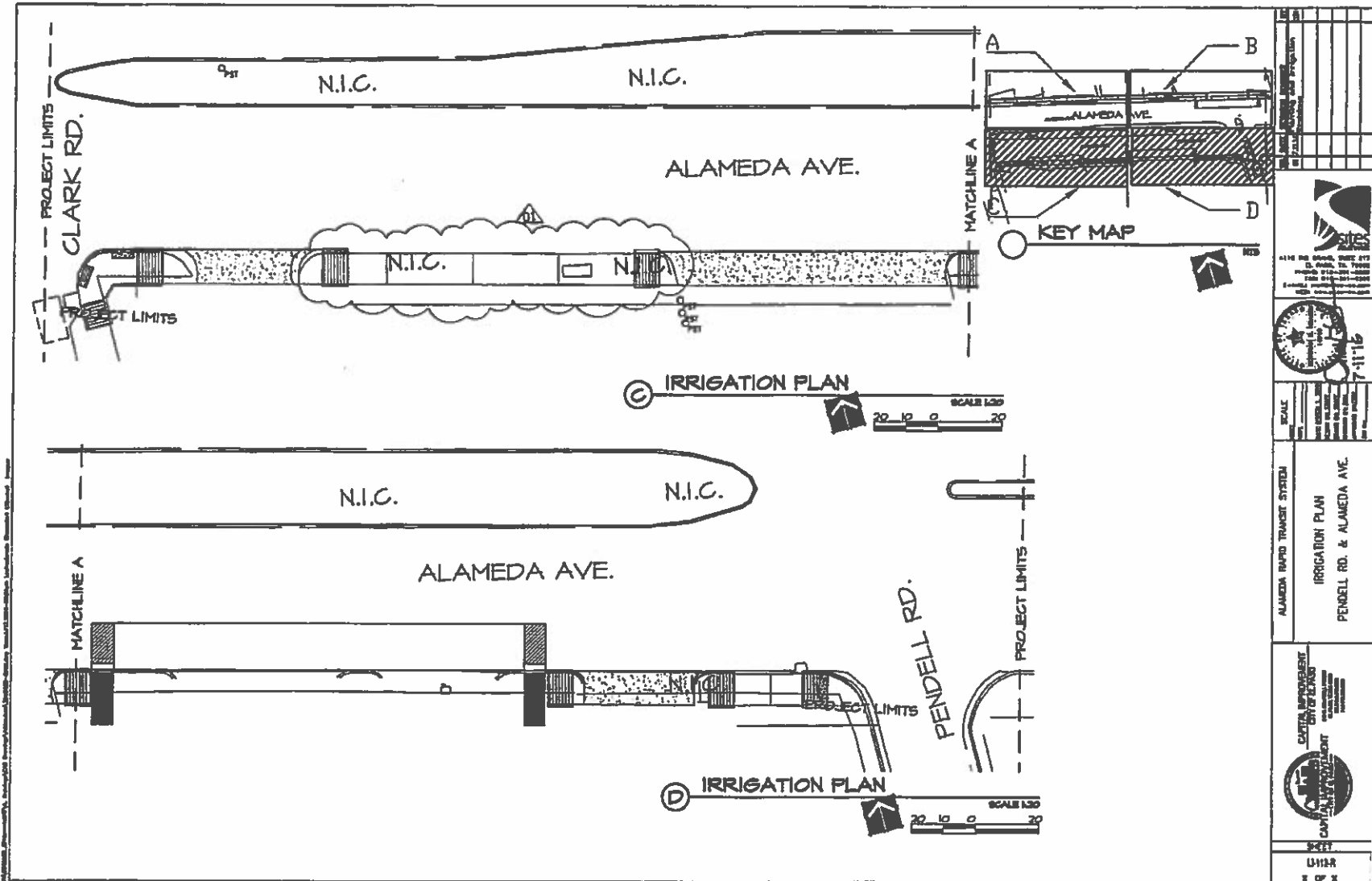
(A) IRRIGATION PLAN
SCALE 1:200
20 10 0 20



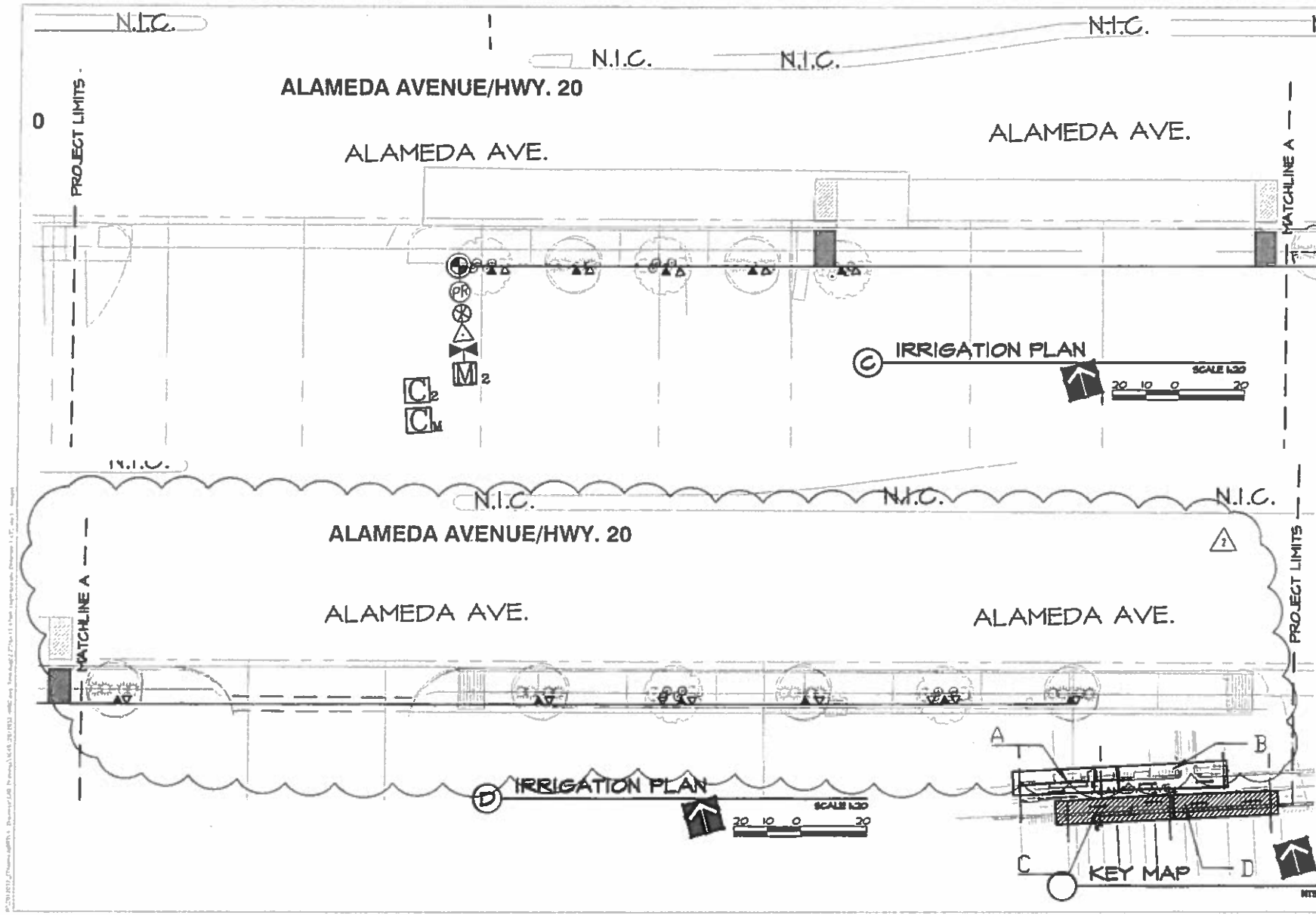
(B) IRRIGATION PLAN
SCALE 1:200
20 10 0 20



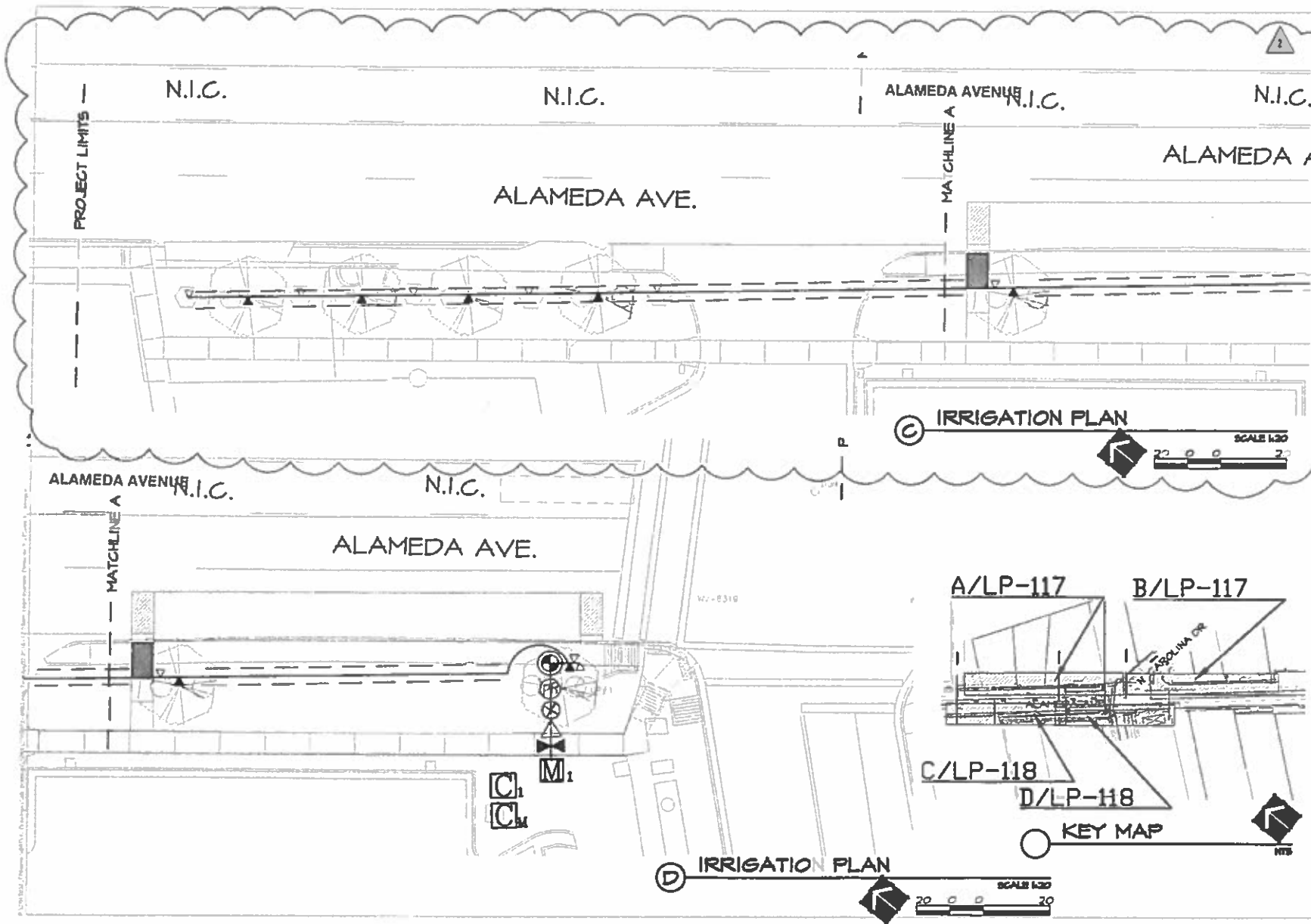
<p>ALAMEDA RAPID TRANSIT SYSTEM</p>	<p>IRRIGATION PLAN</p>	<p>PENCELL RD. & ALAMEDA AVE</p>	<p>CAPITAL IMPROVEMENT CITY OF PENSACOLA CAPITAL IMPROVEMENT DIVISION</p>
<p>SCALE</p>	<p>1" = 100'</p>	<p>1" = 100'</p>	<p>DATE U-111R 11/11/16</p>
<p>PROJECT NO.</p>	<p>11111</p>	<p>11111</p>	<p>11111</p>
<p>DATE</p>	<p>11/11/16</p>	<p>11/11/16</p>	<p>11/11/16</p>



<p>DATE: 7-11-16</p> <p>BY: [Signature]</p> <p>CHECKED: [Signature]</p> <p>APPROVED: [Signature]</p>	<p>ALAMEDA RAPID TRANSIT SYSTEM</p> <p>IRRIGATION PLAN</p> <p>PENDELL RD. & ALAMEDA AVE.</p>
<p>PROJECT: CAPITAL IMPROVEMENT CENTERPORT</p> <p>LOCATION: CAPITAL IMPROVEMENT CENTERPORT</p> <p>DATE: 7-11-16</p>	<p>SCALE</p> <p>1"=20'</p>

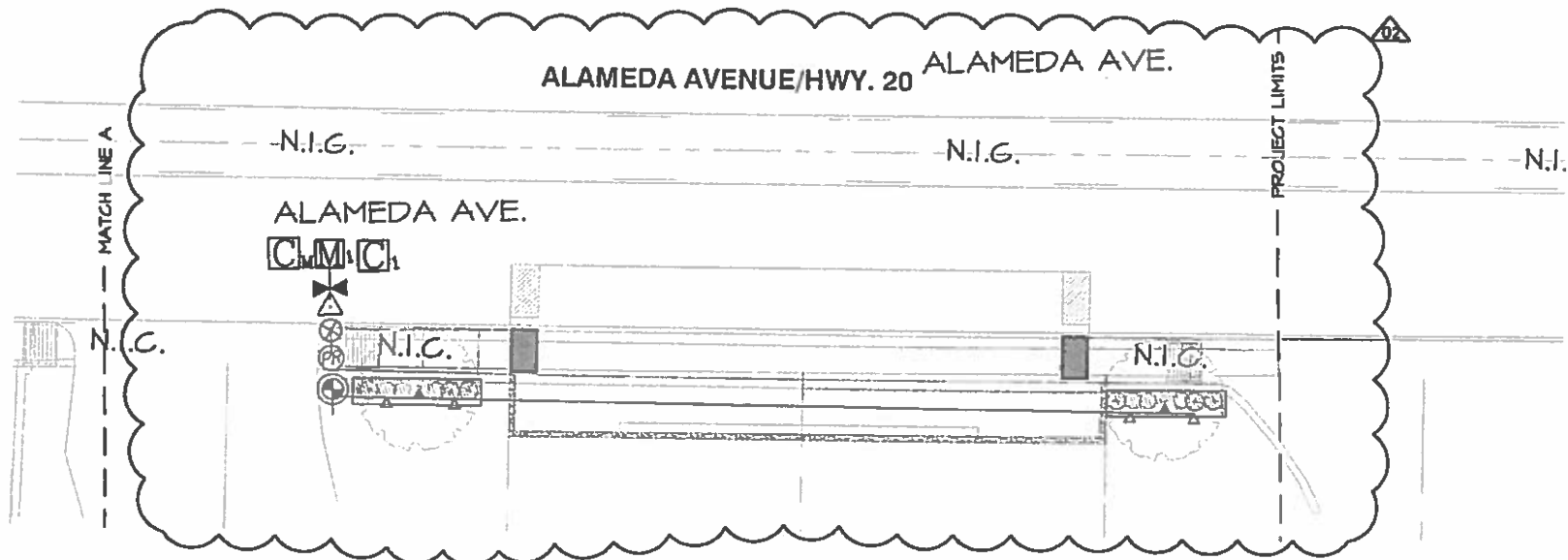


<p>ALAMEDA RAPID TRANSIT SYSTEM</p> <p>IRRIGATION PLAN</p> <p>FUCKER & ALAMEDA AVE</p>	
<p>CAPITAL IMPROVEMENT</p> <p>CITY OF EL PASO</p> <p>CAPITAL IMPROVEMENT</p> <p>W-114-R1</p>	
<p>KEY MAP</p>	
<p>SCALE</p> <p>1" = 20'</p>	
<p>DATE</p> <p>7-11-16</p>	
<p>DESIGNED BY</p> <p>7-11-16</p>	
<p>CHECKED BY</p> <p>7-11-16</p>	
<p>APPROVED BY</p> <p>7-11-16</p>	
<p>PROJECT NO.</p> <p>7-11-16</p>	
<p>PROJECT NAME</p> <p>7-11-16</p>	
<p>PROJECT LOCATION</p> <p>7-11-16</p>	
<p>PROJECT DESCRIPTION</p> <p>7-11-16</p>	
<p>PROJECT OWNER</p> <p>7-11-16</p>	
<p>PROJECT CONTACT</p> <p>7-11-16</p>	
<p>PROJECT STATUS</p> <p>7-11-16</p>	
<p>PROJECT BUDGET</p> <p>7-11-16</p>	
<p>PROJECT PHASE</p> <p>7-11-16</p>	
<p>PROJECT NOTES</p> <p>7-11-16</p>	



<p>CITY OF EL PASO</p>		<p>ALAMEDA RAPID TRANSIT SYSTEM</p>
<p>CAPITAL IMPROVEMENT</p>		<p>IRRIGATION PLAN</p>
<p>OUTBOUND</p>		<p>N. CAROLINA DR. & ALAMEDA AVE</p>
<p>7-11-16</p>		<p>7-11-16</p>

20' 0' 20'
 20' 0' 20'
 20' 0' 20'



(C) IRRIGATION PLAN

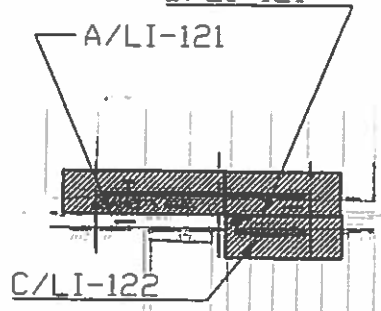


SCALE 1:20

0 10 20

B/LI-121

- A/LI-121



KEY MAP

ALAMEDA RAPID TRANSIT SYSTEM

IRRIGATION PLAN OUTBOUND

OUTBOUND
YARBROUGH DR & ALAMEDA AVE.

CITY OF EL PASO
CAPITAL IMPROVEMENT

1974-1975

U-22-91

U-22-91

2 56 2