



Suite 403 • City County Building
 400 Main Street
 Knoxville, Tennessee 37902
 865 • 215 • 2500
 FAX • 215 • 2068
 www.knoxmpc.org

Downtown Knoxville Design Overlay District Certificate of Appropriateness

Name of Applicant: City of Knoxville

Owner Contractor Architect Engineer Other _____

Date Filed: 4/24/15 Application accepted by: Mike Reynolds

Fee Amount: 0.00 Review Date: 5/20/15 File Number: 5-A-15-DT

PRE-APPLICATION CONFERENCE		Date Completed: _____
<p style="text-align: center;">PROPERTY INFORMATION</p> <p>Building or Project Name: <u>W. Jackson Avenue</u> Streetscapes</p> <p>Street Address: <u>400 & 500 blocks W. Jackson Ave.</u></p> <p>Parcel Identification Number(s): <u>N/A</u></p>	<p style="text-align: center;">PROJECT ARCHITECT/ENGINEER</p> <p>PLEASE PRINT Name: <u>Jason Elliott, P.E.</u></p> <p>Company: <u>Vaughn & Melton Consulting Engineers</u></p> <p>Address: <u>1909 Ailor Avenue</u></p> <p>City: <u>Knoxville</u> State: <u>TN</u> Zip: <u>37921</u></p> <p>Telephone: <u>865-546-5800</u></p> <p>Fax: <u>865-546-4714</u></p> <p>E-mail: <u>jelliott@vaughnmelton.com</u></p>	
<p style="text-align: center;">PROPERTY OWNER</p> <p>PLEASE PRINT Name: <u>City of Knoxville</u></p> <p>Company: <u>N/A</u></p> <p>Address: <u>1400 Loraine Street</u></p> <p>City: <u>Knoxville</u> State: <u>TN</u> Zip: <u>37921</u></p> <p>Telephone: <u>865-215-6100</u></p> <p>Fax: <u>865-215-6109</u></p> <p>E-mail: <u>tclabo@cityofknoxville.org</u></p>	<p style="text-align: center;">PROJECT CONTRACTOR</p> <p>PLEASE PRINT Name: <u>Not yet awarded</u></p> <p>Company: _____</p> <p>Address: _____</p> <p>City: _____ State: _____ Zip: _____</p> <p>Telephone: _____</p> <p>Fax: _____</p> <p>E-mail: _____</p>	
<p>ACCOMPANYING MATERIALS</p> <p>Please see the reverse side of this form for a list of information required as part of this application.</p>		
<p><i>FOR OFFICE USE ONLY</i></p>		
<p style="text-align: center;">PROJECT INFORMATION</p> <p>LEVEL 1: \$50 <input type="checkbox"/> Minor Alteration of an Existing Building/Structure <input type="checkbox"/> Sign</p> <p>LEVEL 2: \$100 <input type="checkbox"/> Major Alteration of an Existing Building/Structure <input type="checkbox"/> Addition to an Existing Building/Structure</p> <p>LEVEL 3: \$250 <input type="checkbox"/> Construction of New Building/Structure</p>	<p style="text-align: center;">PROJECT CONTACT</p> <p>All application-related correspondence should be directed to:</p> <p>PLEASE PRINT Name: <u>Same as Project Engineer</u></p> <p>Company: _____</p> <p>Address: _____</p> <p>City: _____ State: _____ Zip: _____</p> <p>Telephone: _____</p> <p>Fax: _____</p> <p>E-mail: _____</p>	

NOTE: Payment is due at time of application. Please make check payable to Knoxville Knox County Metropolitan Planning Commission.



CITY OF KNOXVILLE

HONORABLE MADELINE ROGERO, MAYOR

WEST JACKSON AVENUE STREETSCAPES

TENN.	YEAR	SHEET NO.
	2014	1
STATE PE NO.	47LPLM-F0-021	
STATE ROW NO.	47LPLM-F2-085	
STATE CONST. NO.	47LPLM-F3-022	
FEDERAL CONST. NO.	HPP-9109(118)	

LOCALLY MANAGED PROJECT

STANDARD DRAWINGS

CITY OF KNOXVILLE DEPT. OF ENGINEERING

DWG. NO.	REV. DATE	TITLE
COK-2	11-20-01	TRAFFIC BEARING MANHOLE FRAMES AND COVERS
COK-5	03-22-01	STORM PIPE BEDDING AND BACKFILL
COK-6	03-26-08	CONCRETE SIDEWALKS
COK-8	11-08-01	CURB INLET (PRECAST CONCRETE)
COK-9	11-13-01	28"X34" PRECAST CONCRETE CURB INLET
COK-10	11-16-01	TYPE "B" CAST IRON FRAME AND GRATE
COK-12	01-16-02	TRENCH CUT REPAIRS
COK-13	01-20-11	CURB CUTS AND TACTILE WARNING SYSTEMS

TENNESSEE DEPT. OF TRANSPORTATION

DWG. NO.	REV. DATE	TITLE
D-MH-2	08-01-12	STANDARD MASONRY & PRECAST NO. 3 MANHOLE
D-MH-3	04-21-14	TYPICAL DESIGN OF LIDS FOR NO. 3 MANHOLE
D-MH-4	08-01-12	STANDARD NO. 3 MANHOLE CASTINGS AND STEPS
RP-NMC-10	07-29-03	STANDARD VERTICAL (NONMOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-D-16	07-15-08	DETAILS OF STANDARD CONCRETE DRIVEWAYS
T-M-4	11-01-11	STANDARD INTERSECTION PAVEMENT MARKINGS
RP-H-3	06-04-13	CURB RAMP AND TRUNCATED DOME SURFACE DETAIL
RP-H-4	06-04-13	PERPENDICULAR CURB RAMP
RP-H-5	06-04-13	PARALLEL CURB RAMP

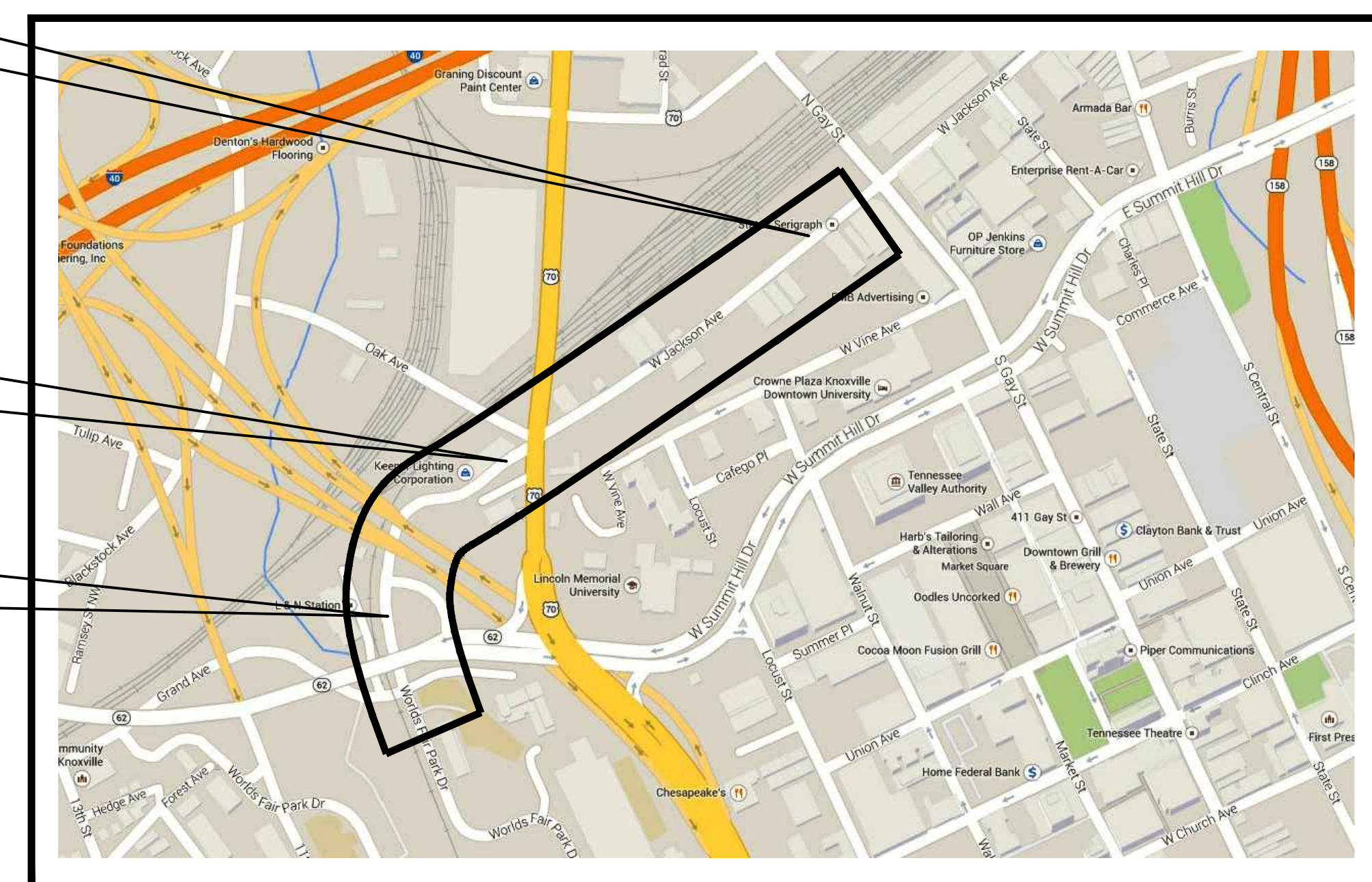
DRAWING INDEX

SHEET NO.	SHEET NAME
	TITLE SHEET
GN1.0	GENERAL NOTES
GN1.1	GENERAL NOTES
GN1.2	GENERAL NOTES
CQ1.0	ESTIMATED CONSTRUCTION QUANTITIES
CD1.0	TYPICAL STREET SECTION
CD1.1	TYPICAL STREET SECTION
CD1.2	EXISTING ASPHALT AREAS TO BE MILLED
CD1.3	RETAINING WALL DETAILS
PM1.0	PROPERTY MAP & ACQUISITION TABLE
V1.0	EXISTING LAYOUT PLAN
C1.0	PROPOSED LAYOUT PLAN
V2.0	EXISTING LAYOUT PLAN
C2.0	PROPOSED LAYOUT & DETAILED GRADING PLAN
C2.1	PROPOSED DETAILED LAYOUT PLAN
V3.0	EXISTING LAYOUT PLAN
C3.0	PROPOSED LAYOUT & DETAILED GRADING PLAN
C3.1	PROPOSED DETAILED LAYOUT PLAN
V4.0	EXISTING LAYOUT PLAN
C4.0	PROPOSED LAYOUT & DETAILED GRADING PLAN
C4.1	PROPOSED DETAILED LAYOUT PLAN
C4.2	PROPOSED STORM SEWER PLAN & PROFILE
S1.0 - S1.12	CROSS SECTIONS

END PROJECT
STA. 40+80.45
W. JACKSON AVE.
N 601,744.08
E 2,583,776.29

BEGIN PROJECT
W. JACKSON AVE.
STA. 29+00.00
N 601,035.87
E 2,582,835.46

PROJECT INCLUDES SPOT
REPAIRS TO SIDEWALK
AND CURB CUTS ALONG
WORLDS FAIR PARK DRIVE



PROJECT LOCATION MAP
KNOXVILLE, TENNESSEE
NOT TO SCALE

DESCRIPTION: FROM WORLDS FAIR PARK DRIVE TO S. GAY STREET
CITY PROJECT NUMBER: 12B-R-0518
CITY BLOCKS: 06023, 06040, 06060

NO EXCLUSIONS
NO EQUATIONS

TOTAL PROJECT LENGTH: 1,377 L.F.+/-
(1,180 L.F. WEST JACKSON AVE. + 197 L.F. SOUTH BROADWAY)

OCTOBER 3, 2014

DIRECTOR OF ENGINEERING:
JAMES R. HAGERMAN, P.E.

ADDRESS:

CITY-COUNTY BUILDING
SUITE 480 - P.O. BOX 1631
KNOXVILLE, TENNESSEE 37901

R.O.W.
PLANS

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

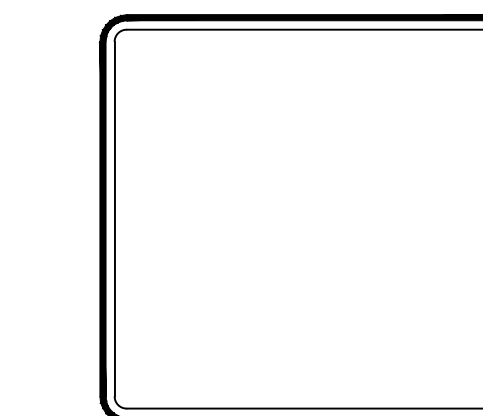
THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

DESIGNED BY: VAUGHN AND MELTON CONSULTING ENGINEERS, INC.

DESIGNER: RANDY C. DAVENPORT, PLS CHECKED BY: JASON C. ELLIOTT, PE

P.E. NO. 47LPLM-F0-021

PIN NO. 107380.00



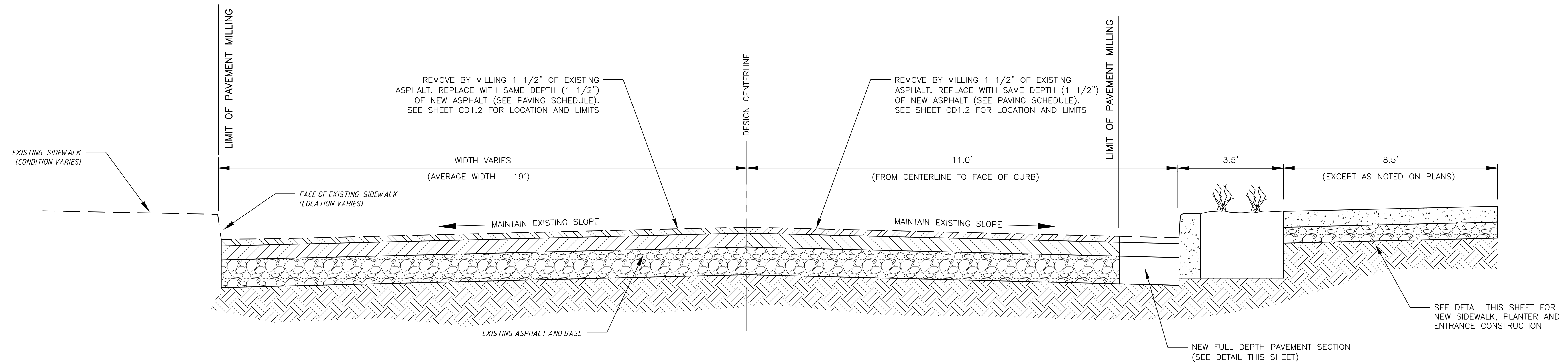
CIVIL ENGINEER
FOR RIGHT-OF-WAY

V&M
Vaughn & Melton
Consulting Engineers, Inc.

1909 AILOR AVENUE
KNOXVILLE, TENNESSEE 37921
PHONE: (865) 546-5800 FAX: (865) 546-4714

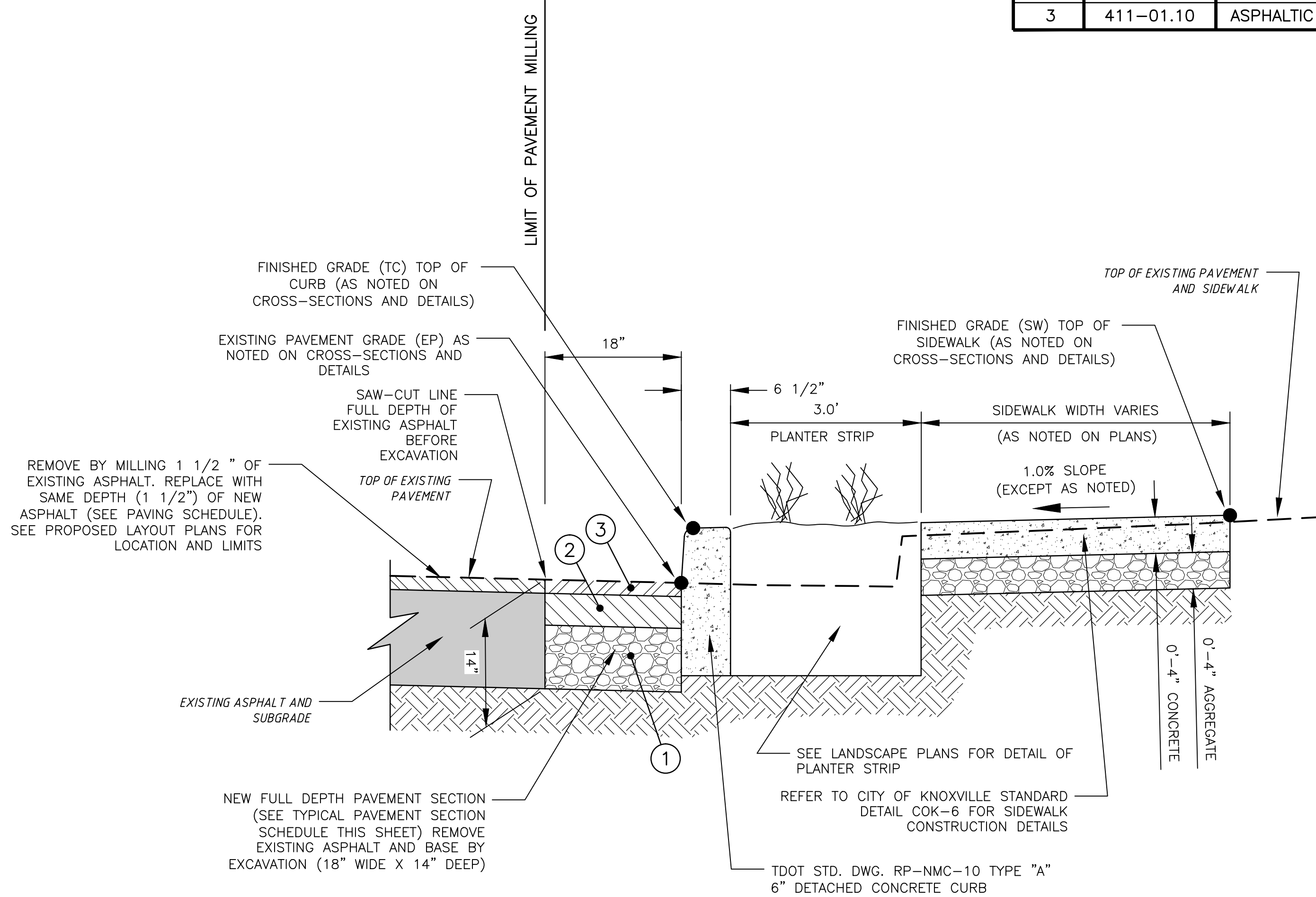
KENTUCKY
606-248-6600
TENNESSEE
865-546-5800
NORTH CAROLINA
828-253-2796
SOUTH CAROLINA
864-574-4775
GEORGIA
770-627-3590
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W. JACKSON AVE. STREETSCAPES

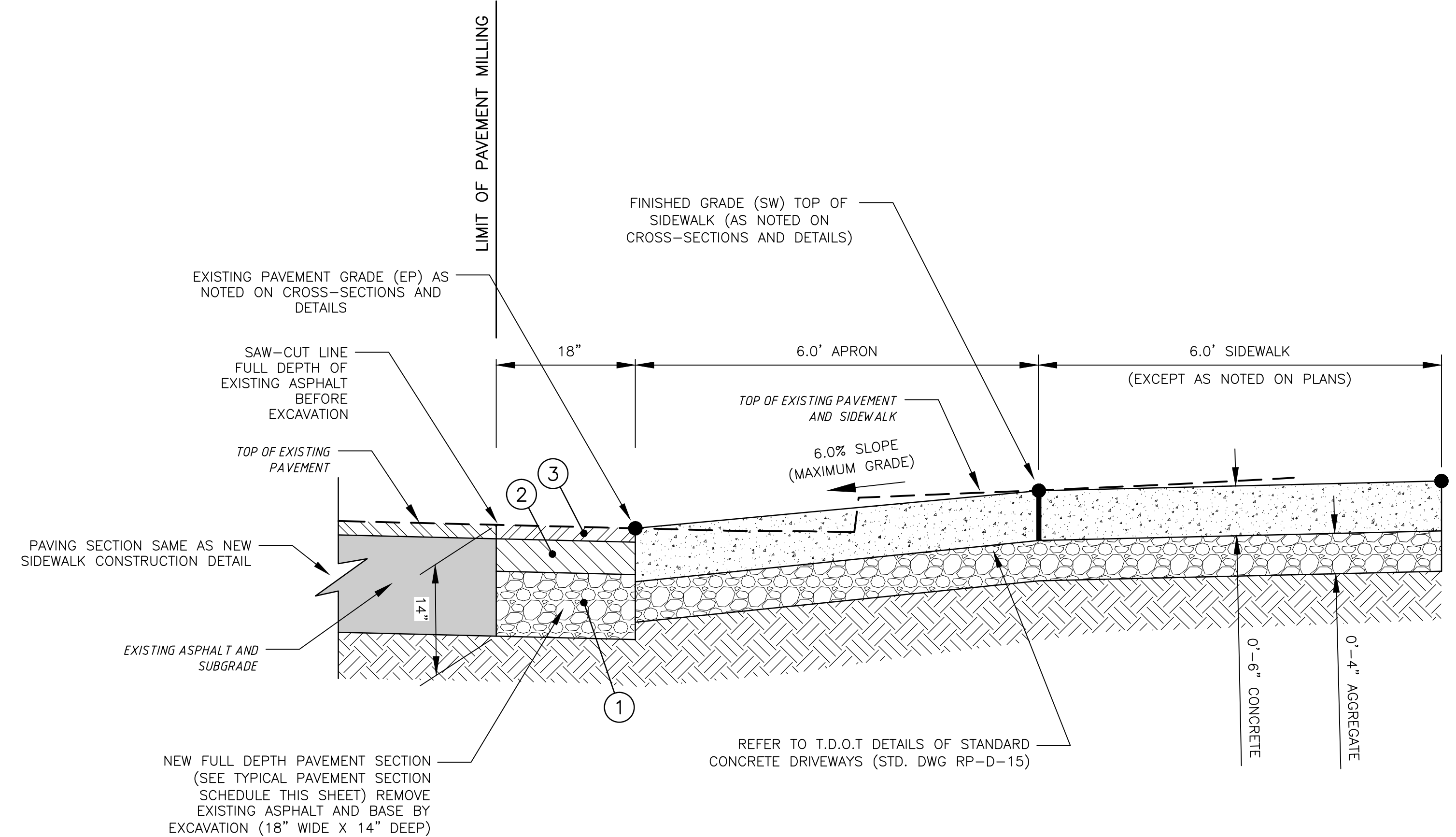


WEST JACKSON AVENUE TYPICAL SECTION
NOT TO SCALE

TYPICAL PAVEMENT SECTION SCHEDULE			
ITEM	TDOT ITEM NUMBER	DESCRIPTION	DEPTH
1	303-01	MINERAL AGGREGATE TYPE "A" BASE, GRADING "D"	9"
2	307-01.07	ASPHALT CONCRETE MIX (PG 64-22) (BPMB-HM) GRADING B-M	3 1/2"
3	411-01.10	ASPHALTIC CONCRETE SURFACE (PG 64-22) GRADING "D"	1 1/2"



NEW SIDEWALK PLANTER DETAIL
WEST JACKSON AVENUE
NOT TO SCALE

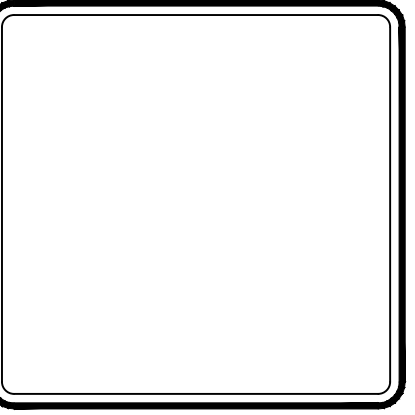


NEW ENTRANCE LOCATION DETAIL
NOT TO SCALE

**R.O.W.
PLANS**

SHEET	PROJECT NO.	YEAR	TYPE

REVISIONS	DESCRIPTION
NO.	DATE

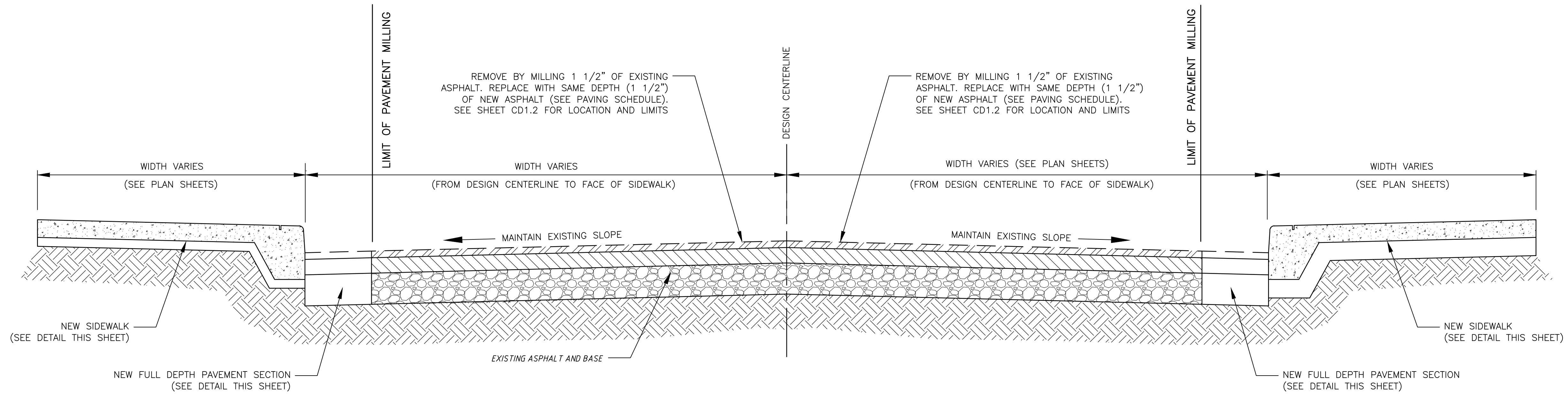


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KNOXVILLE, TENNESSEE

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Consulting Engineers, Inc.
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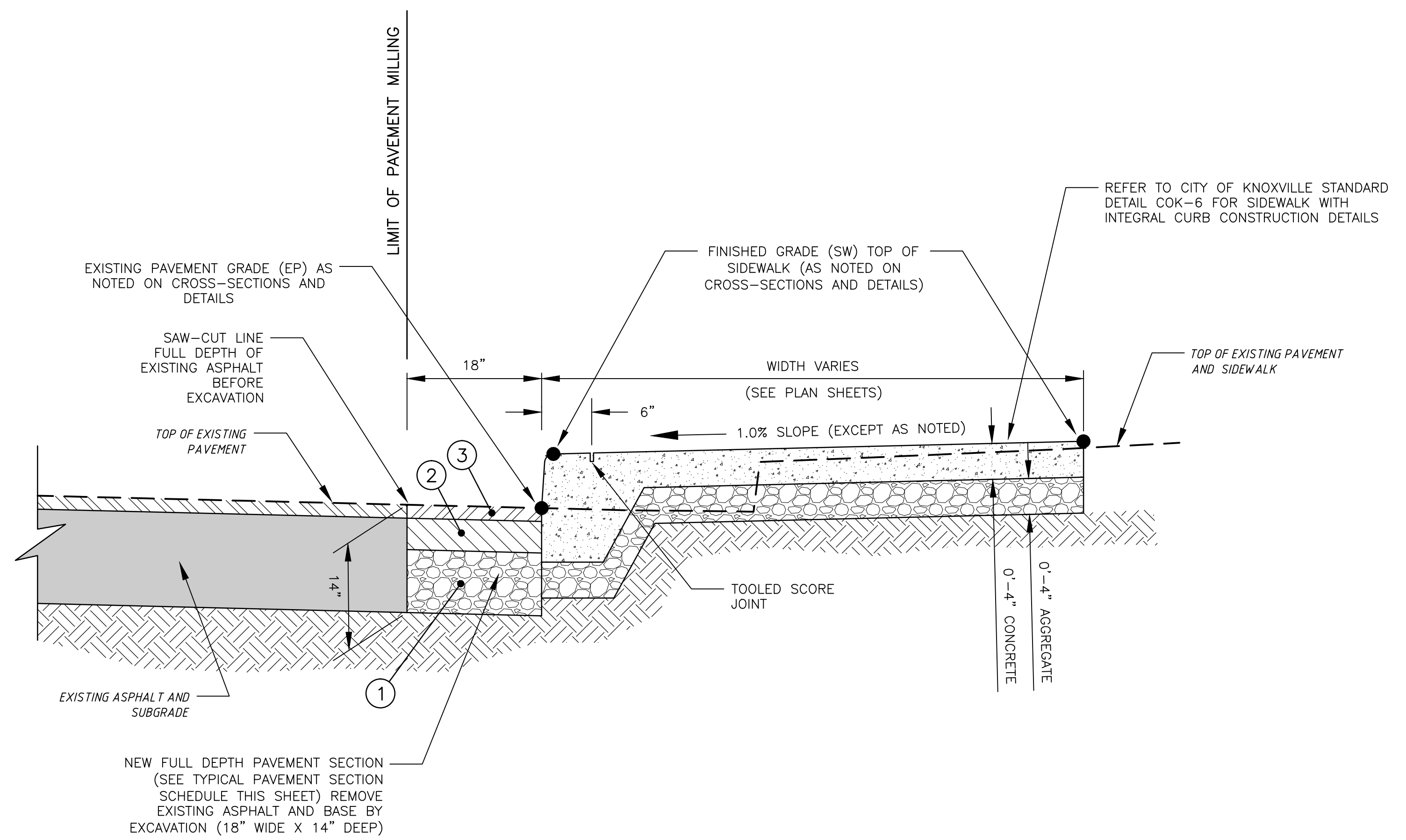
DRAWN:	R.C.D.
CHECKED:	J.C.E.
COK JOB NO:	12B-R-0518
VM JOB NO:	51130-04
SCALE:	AS NOTED
DATE:	03 OCT 2014
DRAWING TITLE:	TYPICAL STREET SECTIONS

SHEET	DRAWING NO.
6	CD1.0
35	OF



SOUTH BROADWAY TYPICAL SECTION
NOT TO SCALE

TYPICAL PAVEMENT SECTION SCHEDULE			
ITEM	TDOT ITEM NUMBER	DESCRIPTION	DEPTH
1	303-01	MINERAL AGGREGATE TYPE "A" BASE, GRADING "D"	9"
2	307-01.07	ASPHALT CONCRETE MIX (PG 64-22) (BPMB-HM) GRADING B-M	3 1/2"
3	411-01.10	ASPHALTIC CONCRETE SURFACE (PG 64-22) GRADING "D"	1 1/2"

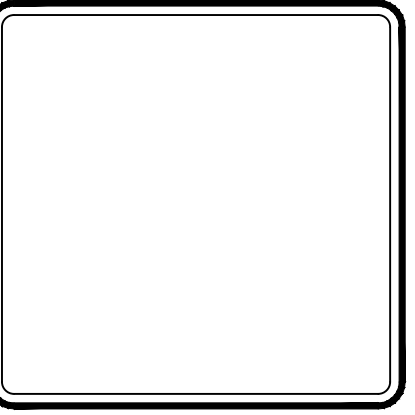


NEW SIDEWALK CONSTRUCTION DETAIL
ON SOUTH BROADWAY
NOT TO SCALE

**R.O.W.
PLANS**

SHEET	
PROJECT NO.	
TYPE	
YEAR	

REVISIONS	DESCRIPTION
NO.	DATE

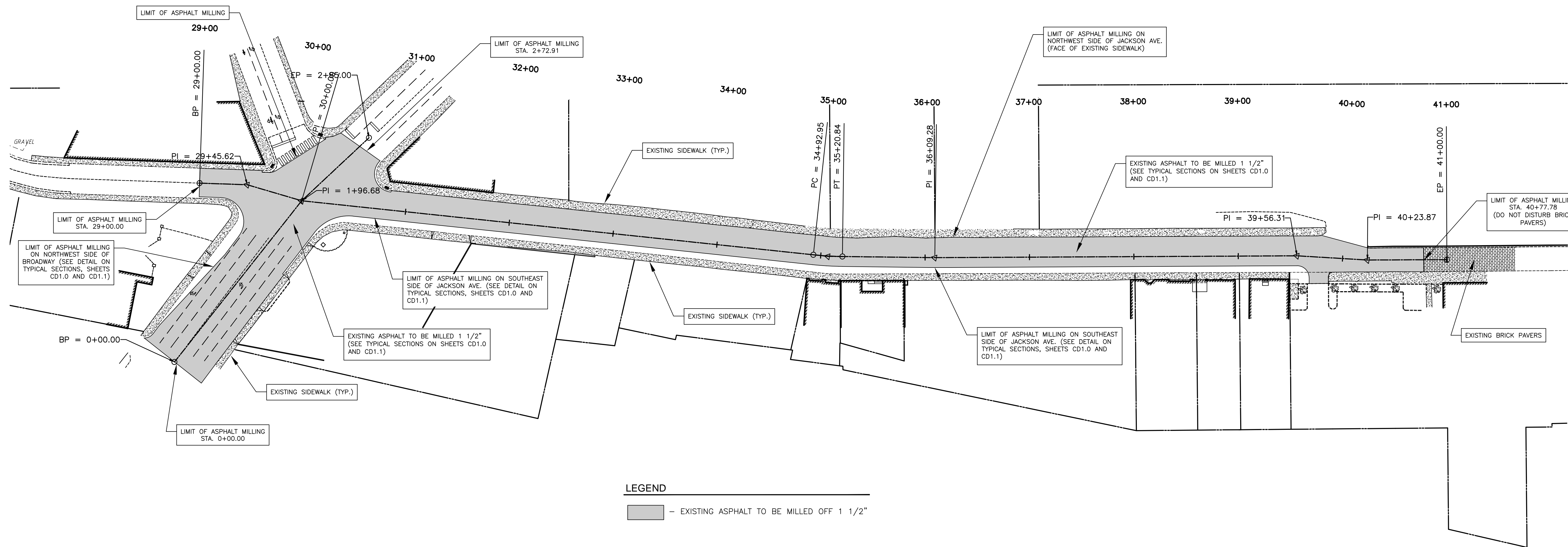
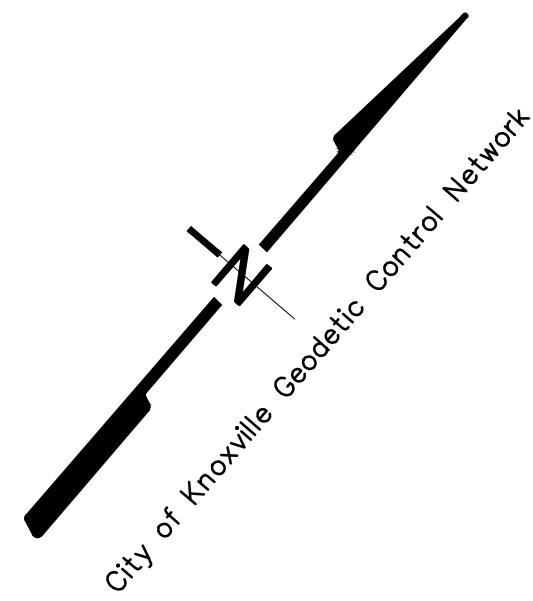


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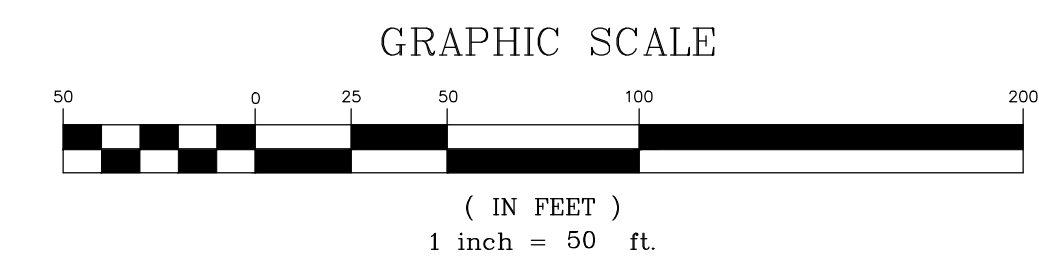
DRAWN:	R.C.D.
CHECKED:	J.C.E.
COK JOB NO:	12B-R-0518
VM JOB NO:	51130-04
SCALE:	AS NOTED
DATE:	03 OCT 2014
DRAWING TITLE:	TYPICAL STREET SECTIONS

SHEET	DRAWING NO:
7	CD1.1
35	OF



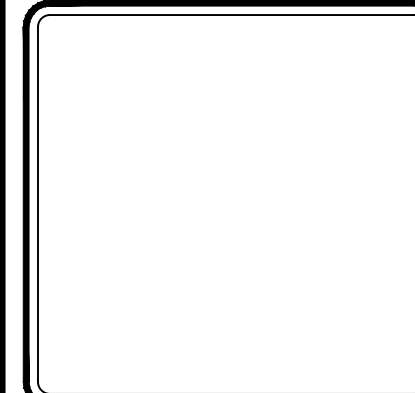
LEGEND
 [Hatched Box] - EXISTING ASPHALT TO BE MILLED OFF 1 1/2"

**R.O.W.
 PLANS**



TYPE	YEAR	PROJECT NO.	SHEET

NO.	DATE	REVISIONS DESCRIPTION

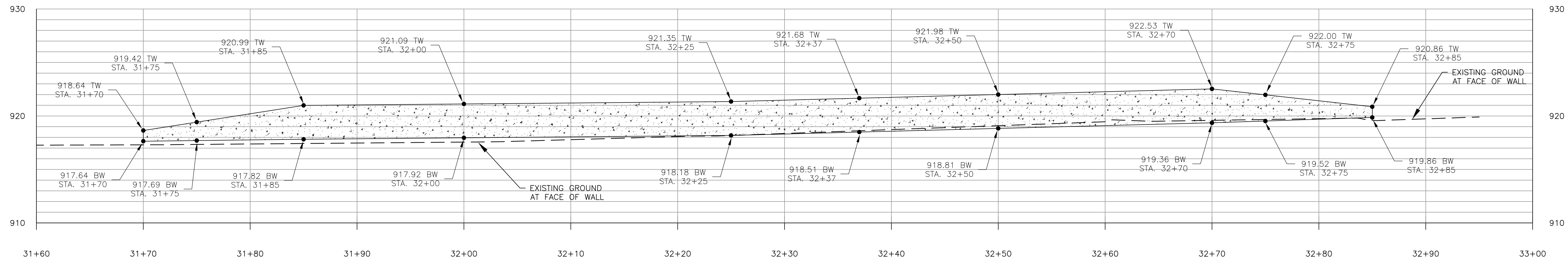


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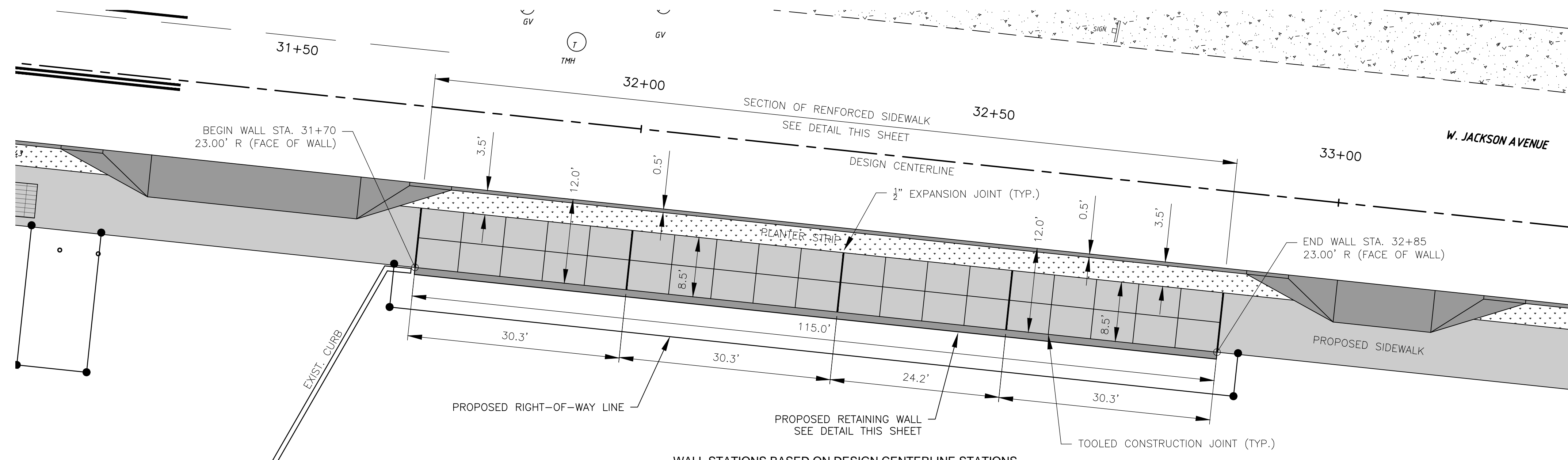
DRAWN:	R.C.D.
CHECKED:	J.C.E.
COK JOB NO:	12B-R-0518
VM JOB NO:	51130-04
SCALE:	1" = 50'
DATE:	03 OCT 2014
DRAWING TITLE:	EXISTING ASPHALT AREAS TO BE MILLED

SHEET	DRAWING NO:
8	OF
35	CD1.2

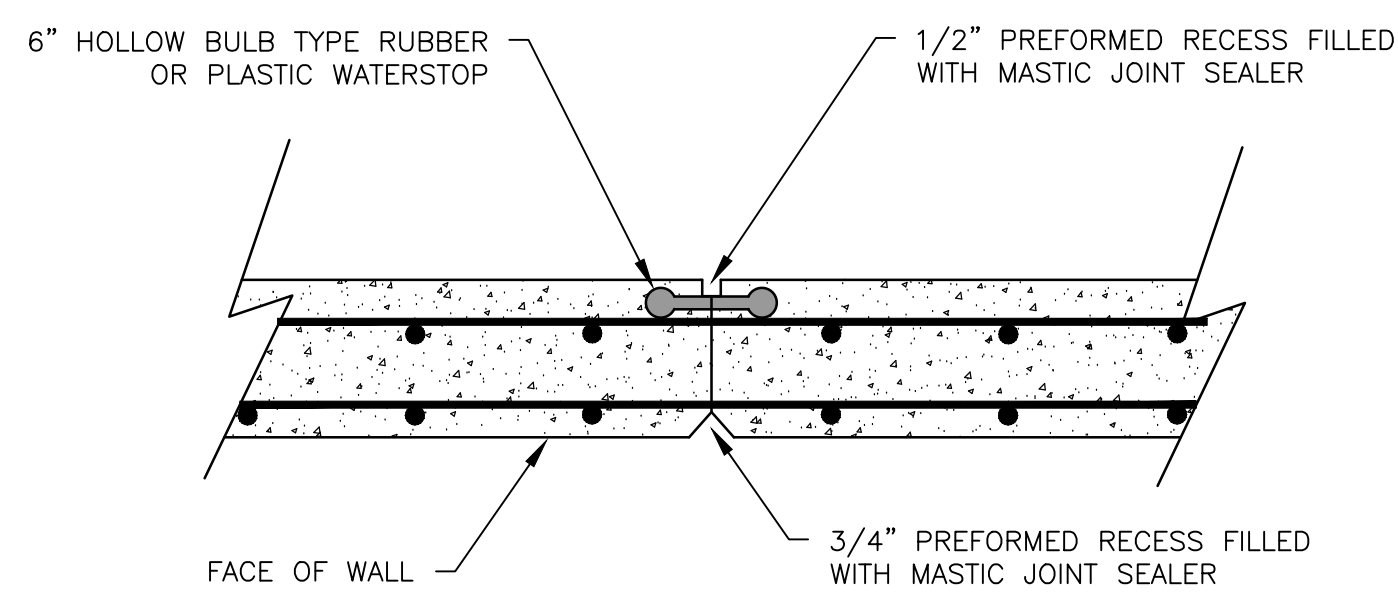


BW - FINISHED GRADE AT FACE OF WALL AND BACK OF SIDEWALK
 TW - FINISHED GRADE AT TOP OF WALL

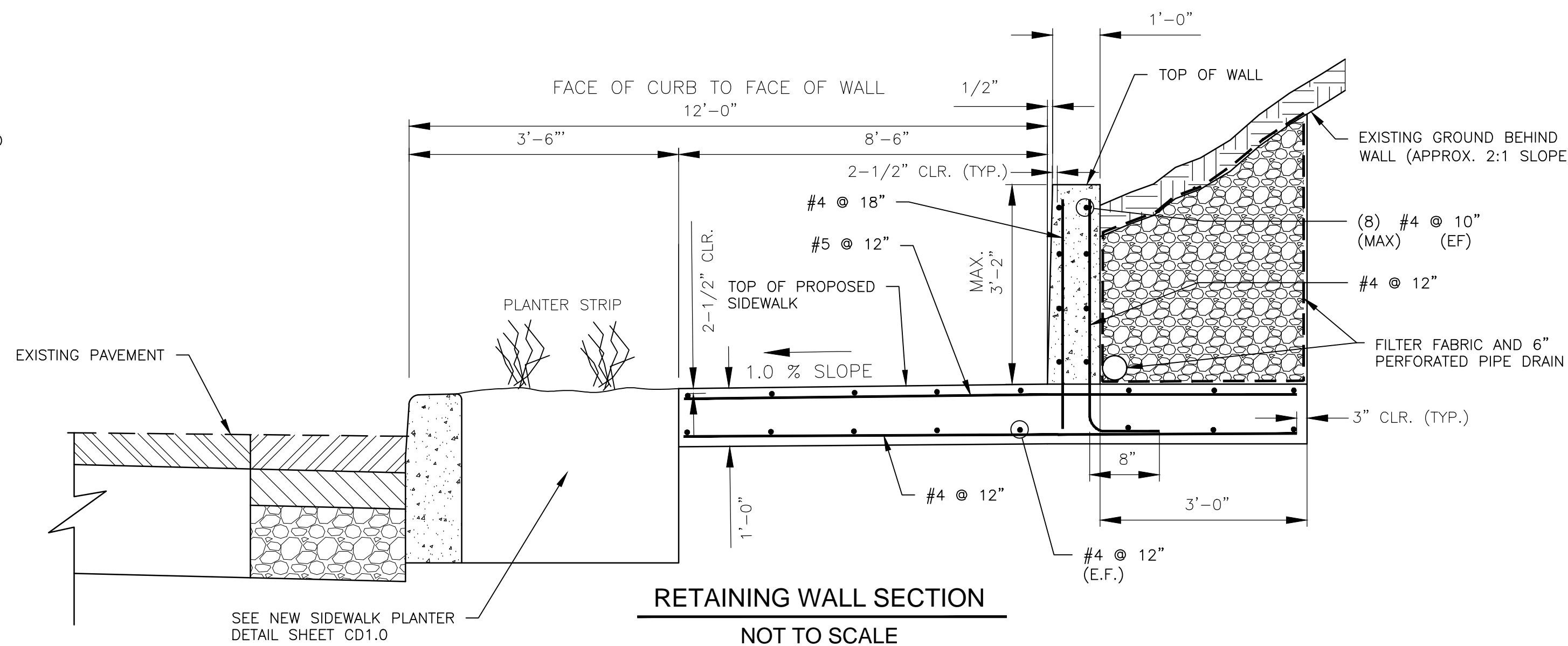
WALL STATIONS BASED ON DESIGN CENTERLINE STATIONS
PROPOSED RETAINING WALL PROFILE
 SCALE - 1 inch = 5 feet Vert. and Horiz.



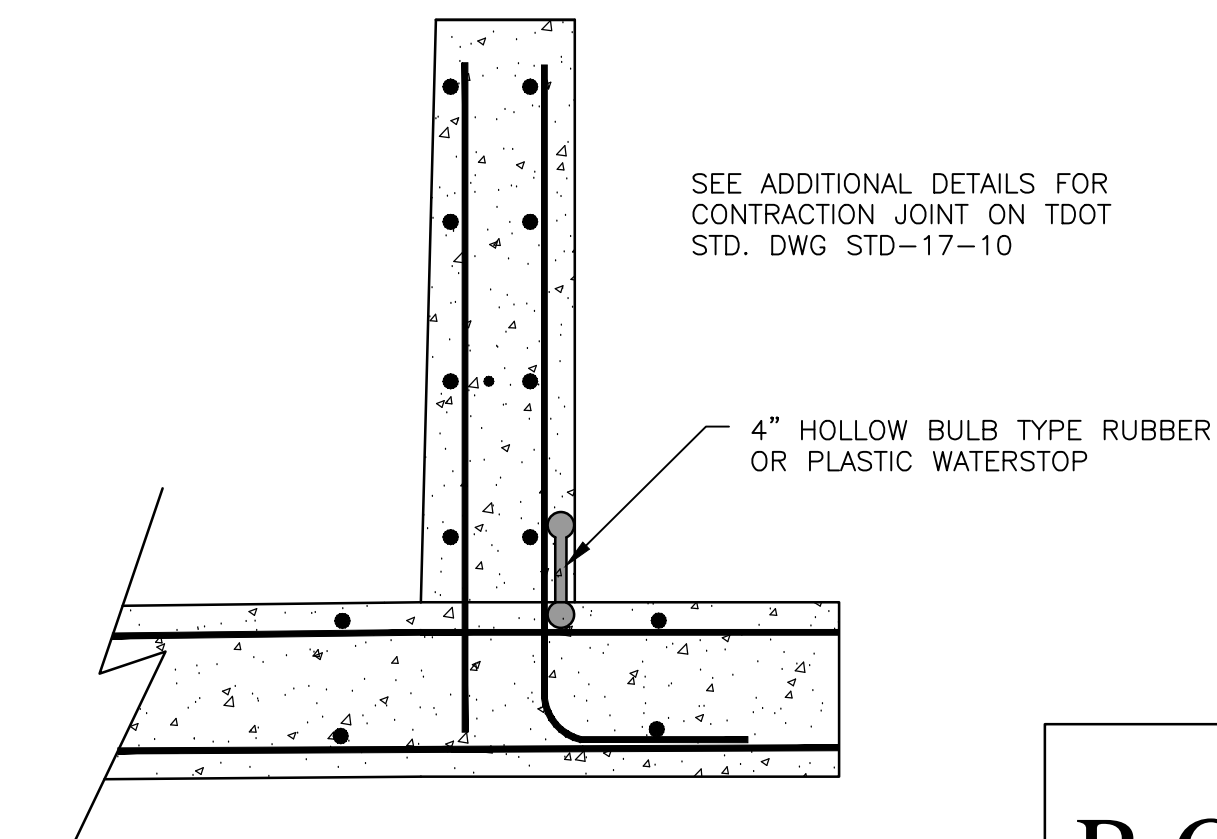
WALL STATIONS BASED ON DESIGN CENTERLINE STATIONS
PROPOSED RETAINING WALL PLAN
 SCALE - 1 inch = 10 feet Horiz.



CONTRACTOR JOINT DETAIL (WALL)
 NOT TO SCALE



RETAINING WALL SECTION
 NOT TO SCALE
 NOTE: ALL REINFORCING BAR TO BE EPOXY COATED



WALL JOINT DETAIL
 NOT TO SCALE

**R.O.W.
 PLANS**

SHEET	PROJECT NO.	TYPE	YEAR
9			
35			

NO.	DATE	REVISIONS	DESCRIPTION

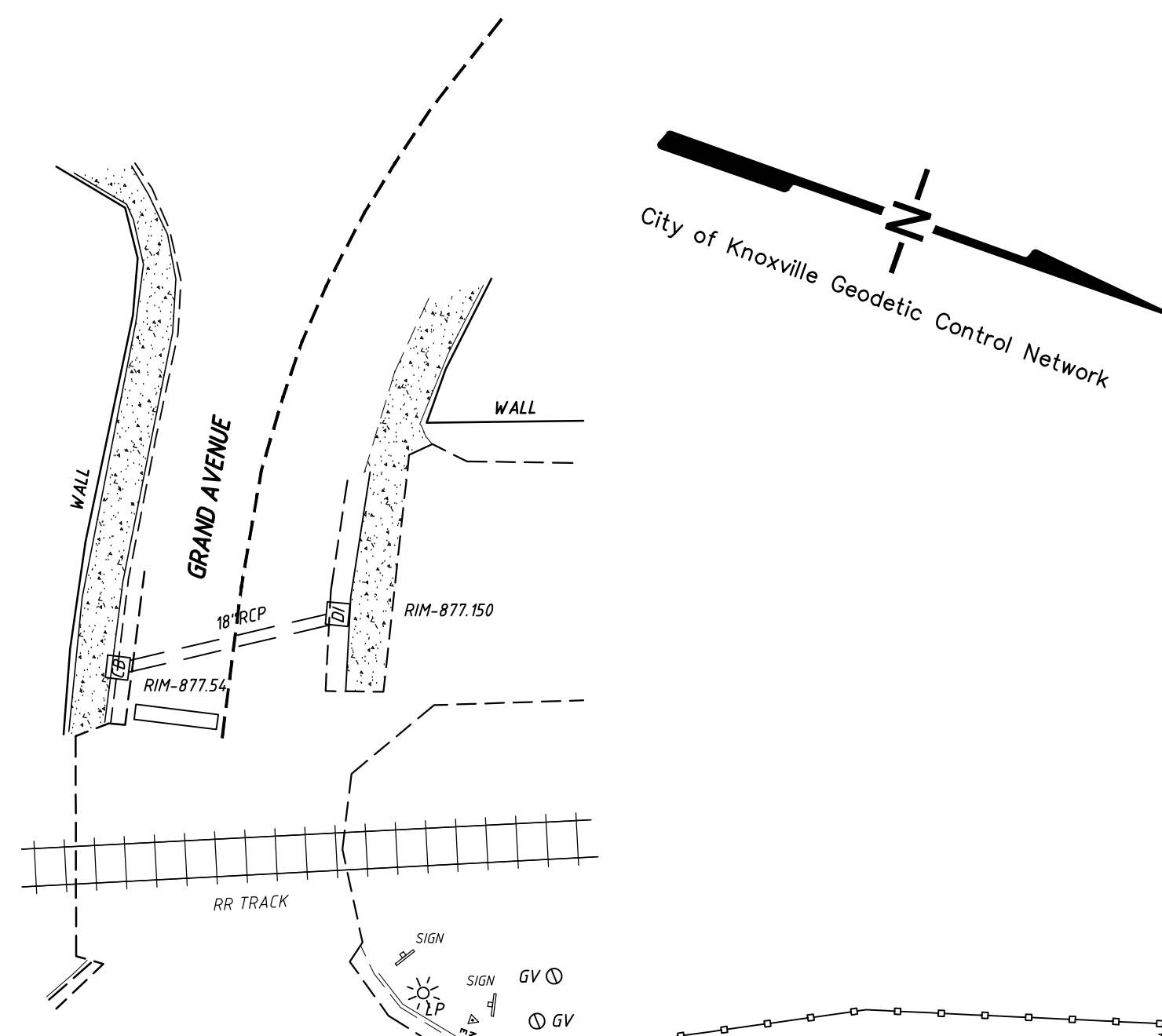
NO.	DATE	REVISIONS	DESCRIPTION

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DRAWN:	R.C.D.
CHECKED:	J.C.E.
COK JOB NO:	12B-R-0518
VM JOB NO:	51130-04
SCALE:	AS NOTED
DATE:	03 OCT 2014
DRAWING TITLE:	RETAINING WALL DETAILS

SHEET	DRAWING NO.
9	CD1.2
35	

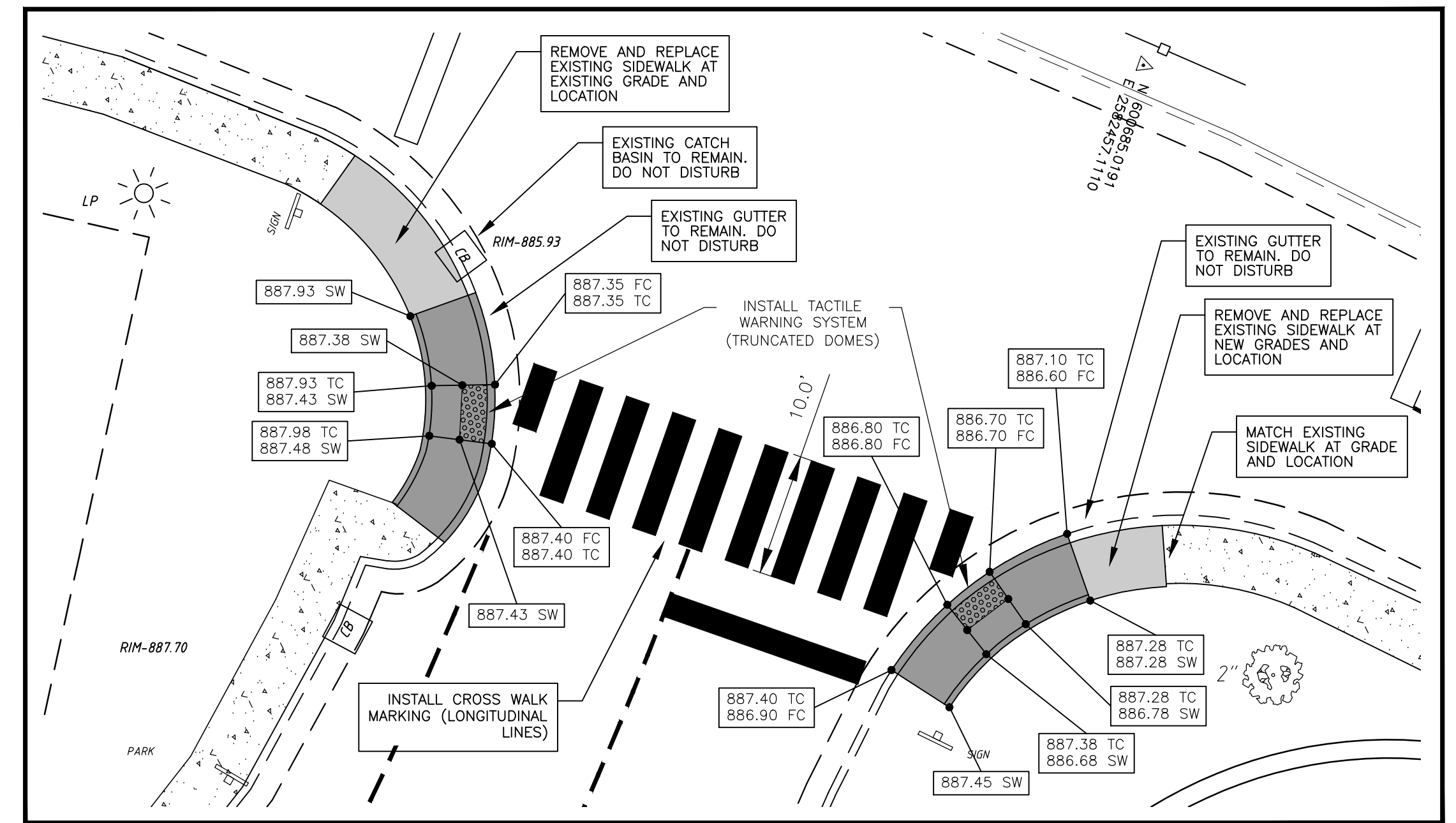


REPLACE FOUR (4) PANELS OF EXISTING SIDEWALK NEAR PARKING LOT C.B. WITH NEW (MATCH LOCATION AND GRADES)

CURB CUT "A" SEE DETAIL BELOW

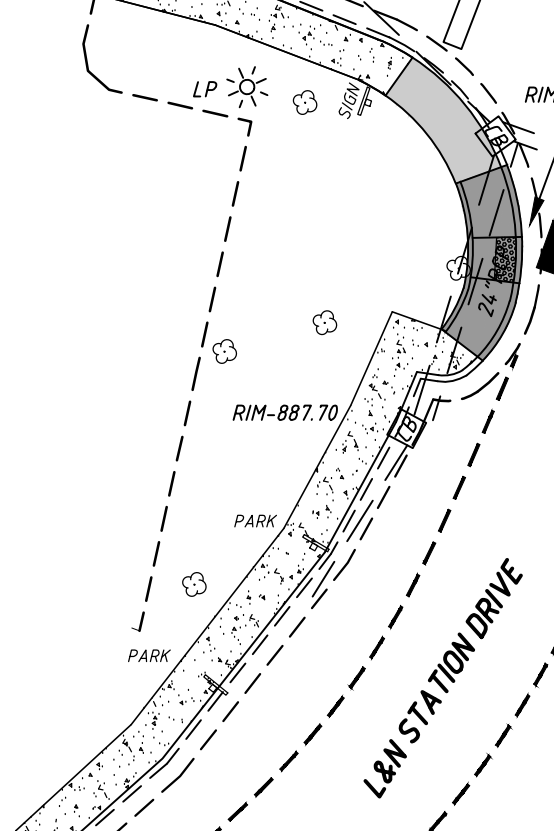
WORLDS FAIR PARK DRIVE

PROJECT TO INCLUDE REPAIR OF DAMAGED EXISTING SIDEWALK ALONG WORLDS FAIR PARK DRIVE



CURB CUT "B"
SCALE 1 inch = 10 feet

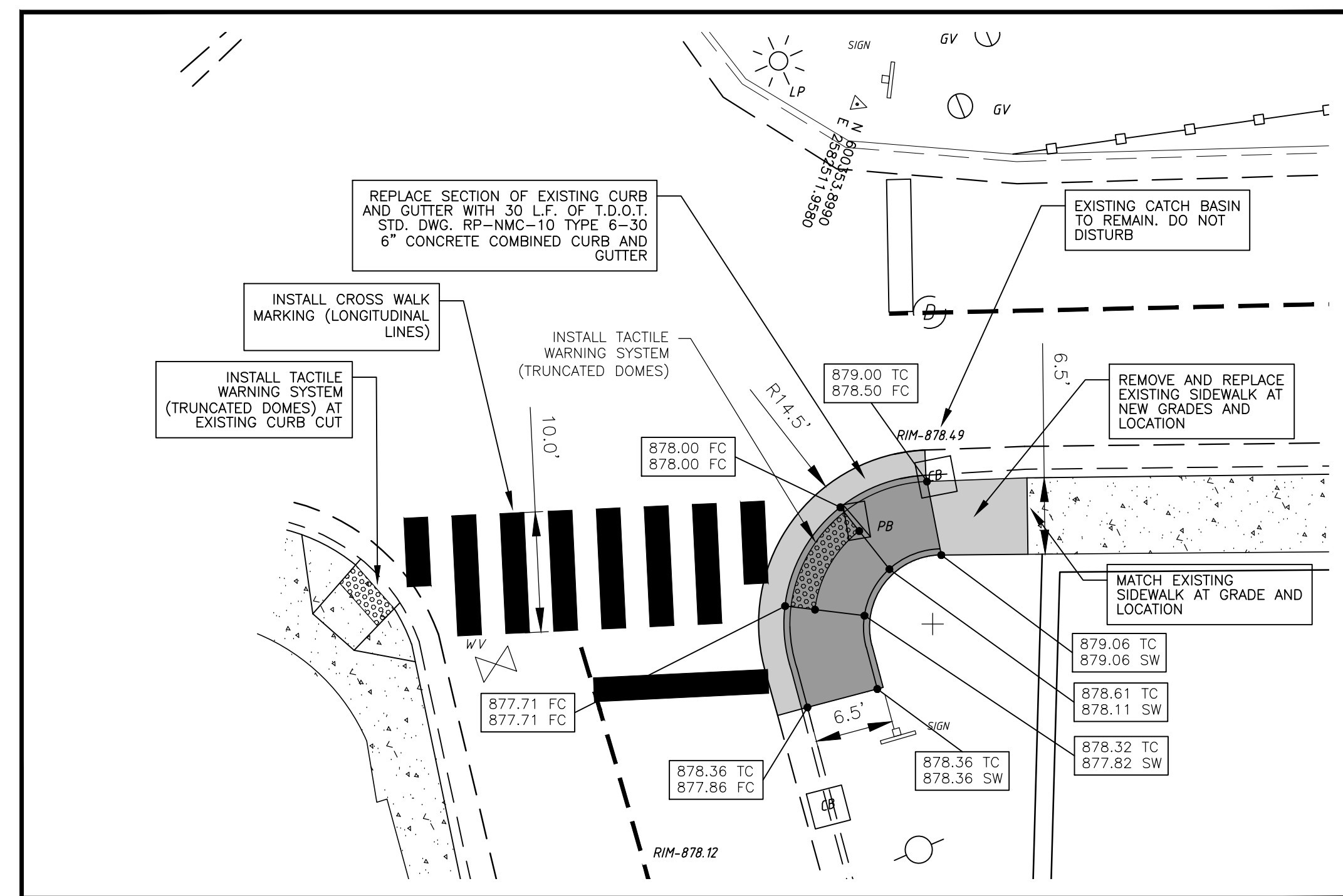
CURB CUT "C"
SCALE 1 inch = 10 feet



CURB CUT "B" & "C" SEE DETAIL ABOVE

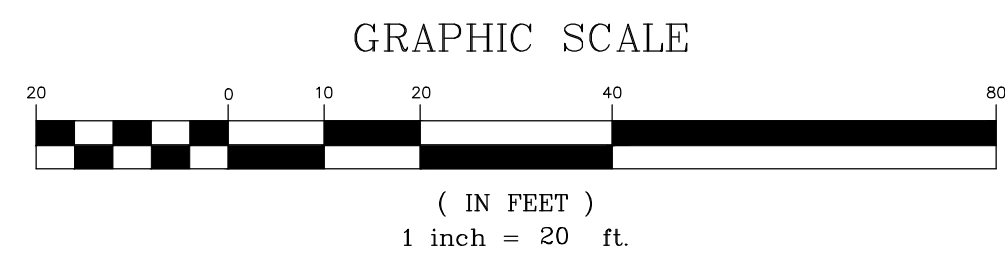
MATCHLINE

MATCHLINE



CURB CUT "A"
SCALE 1 inch = 10 feet

R.O.W. PLANS



SHEET	PROJECT NO.	YEAR	TYPE

NO.	DATE	REVISIONS	DESCRIPTION

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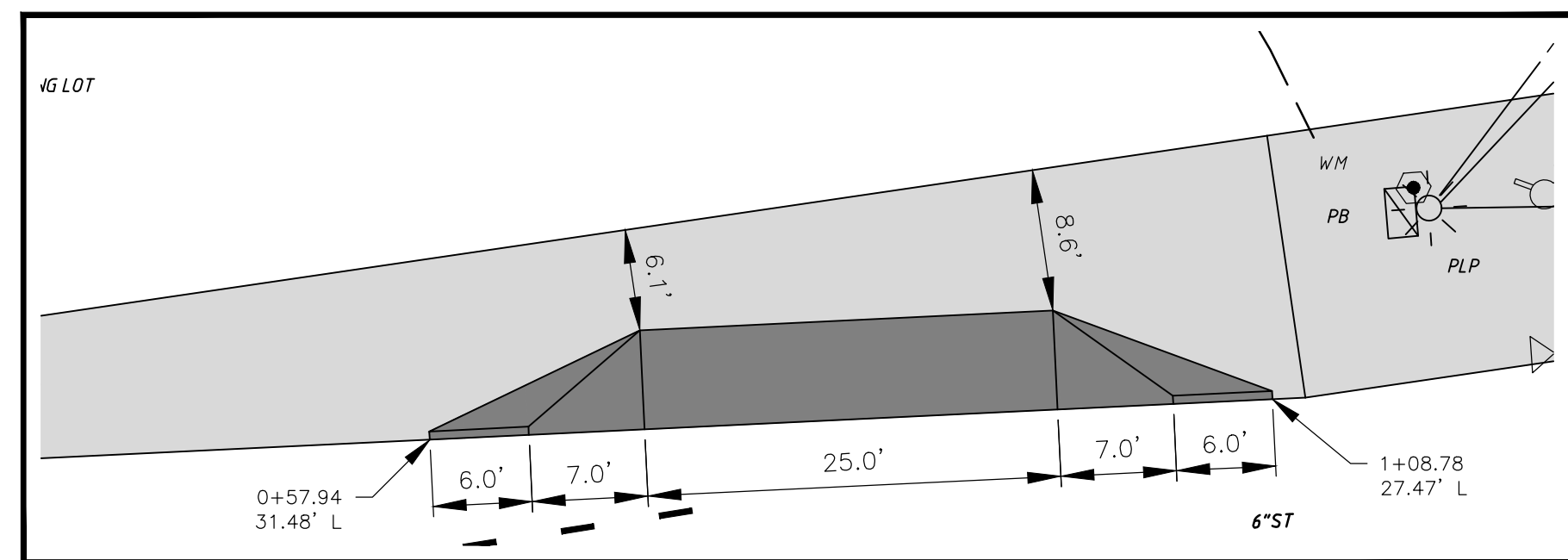
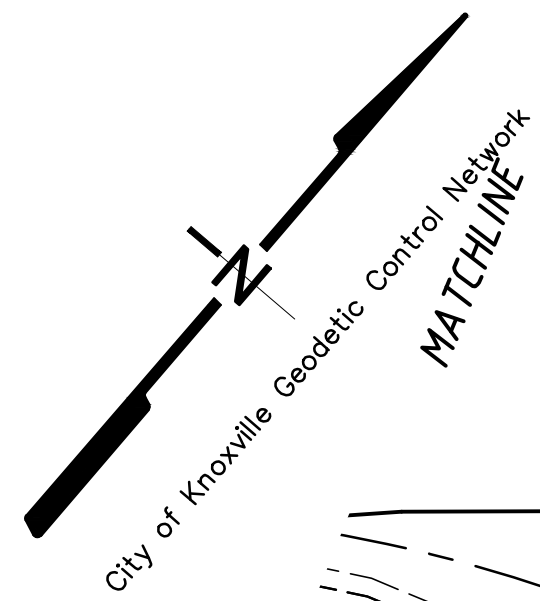
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DRAWN: R.C.D.
CHECKED: J.C.E.
COK JOB NO: 12B-R-0518
VM JOB NO: 51130-04
SCALE: 1" = 20'
DATE: 03 OCT 2014
DRAWING TITLE:

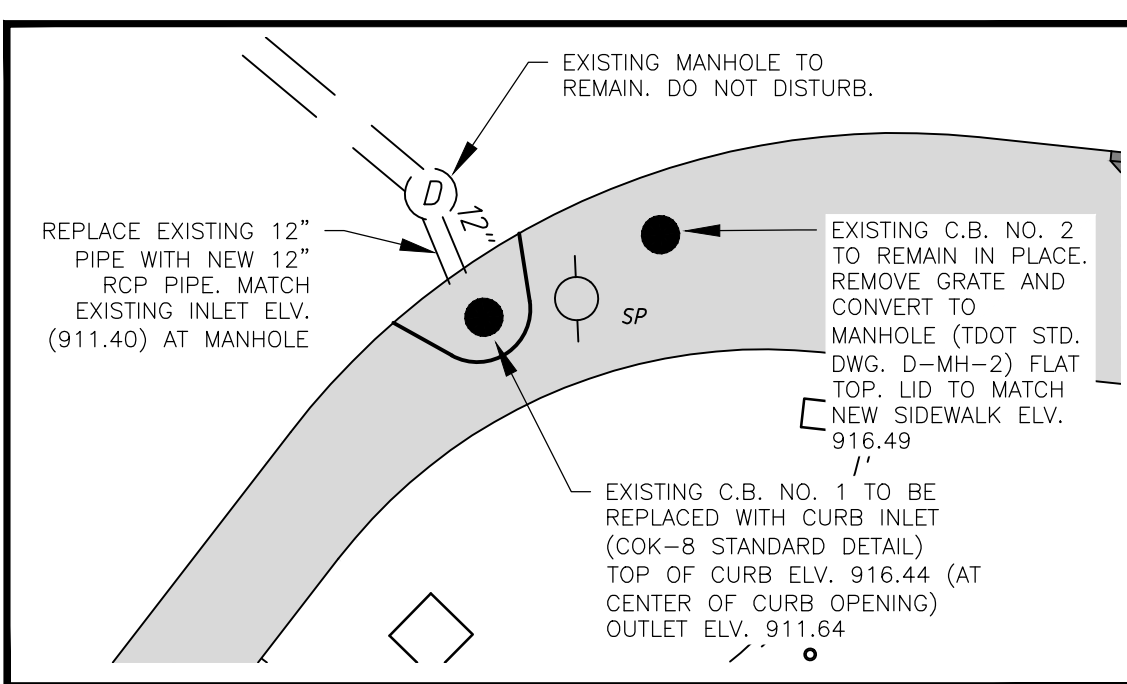
PROPOSED LAYOUT PLAN

SHEET	DRAWING NO:
12	C1.0
OF	
35	

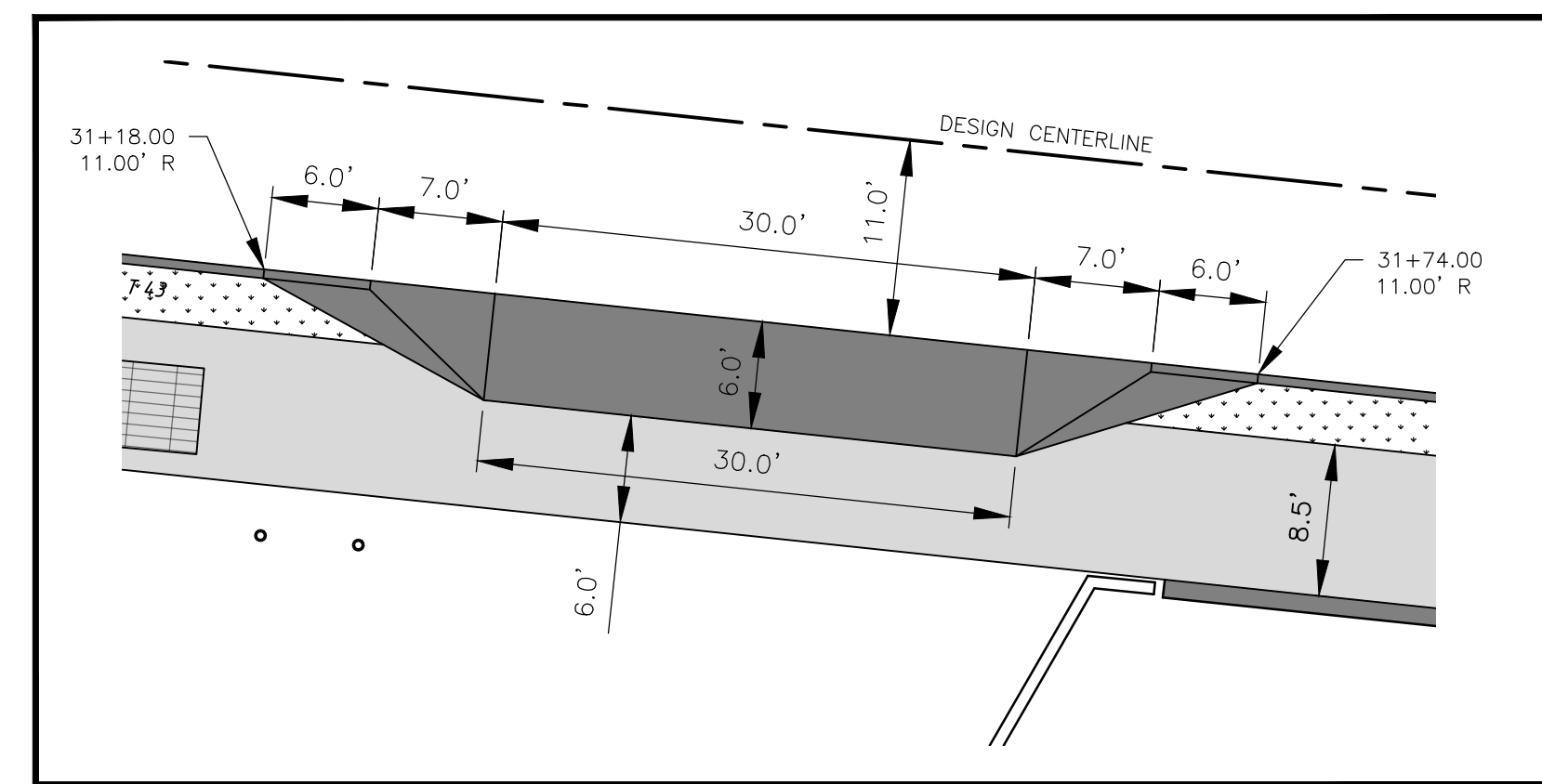


ENTRANCE "H"
SCALE 1 inch = 10 feet

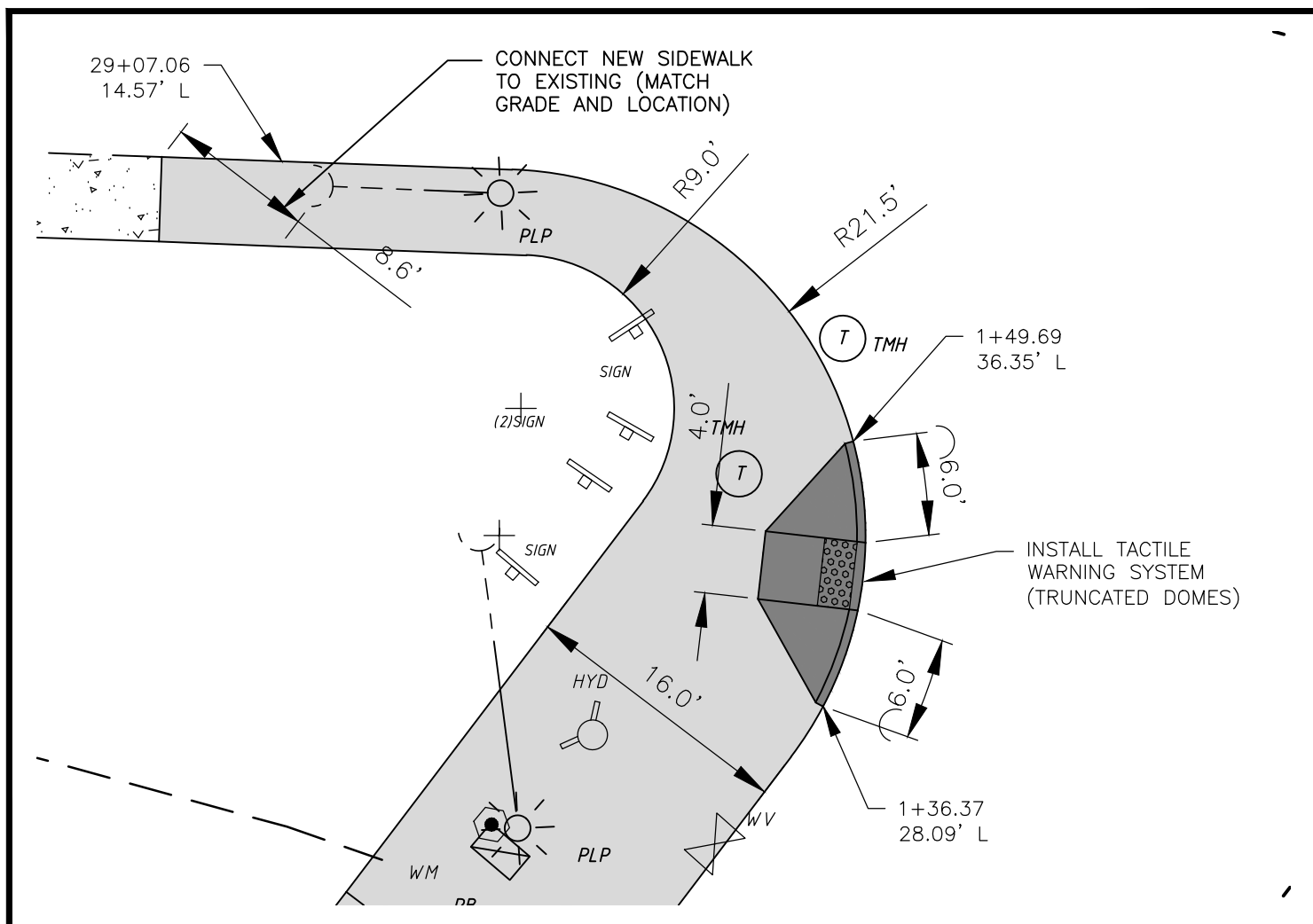
DETAIL "2"
SCALE 1 inch = 10 feet



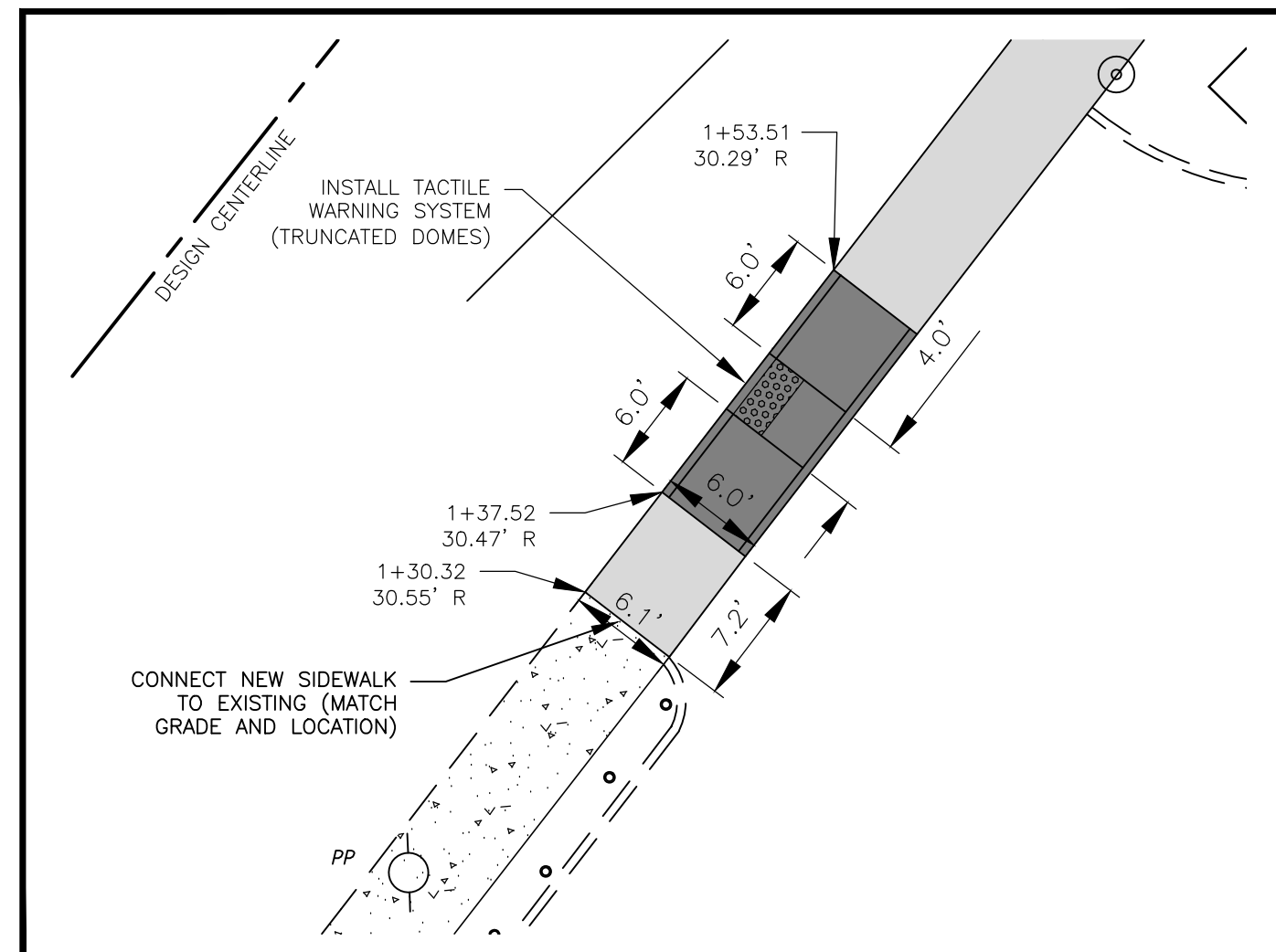
ENTRANCE "I"
SCALE 1 inch = 10 feet



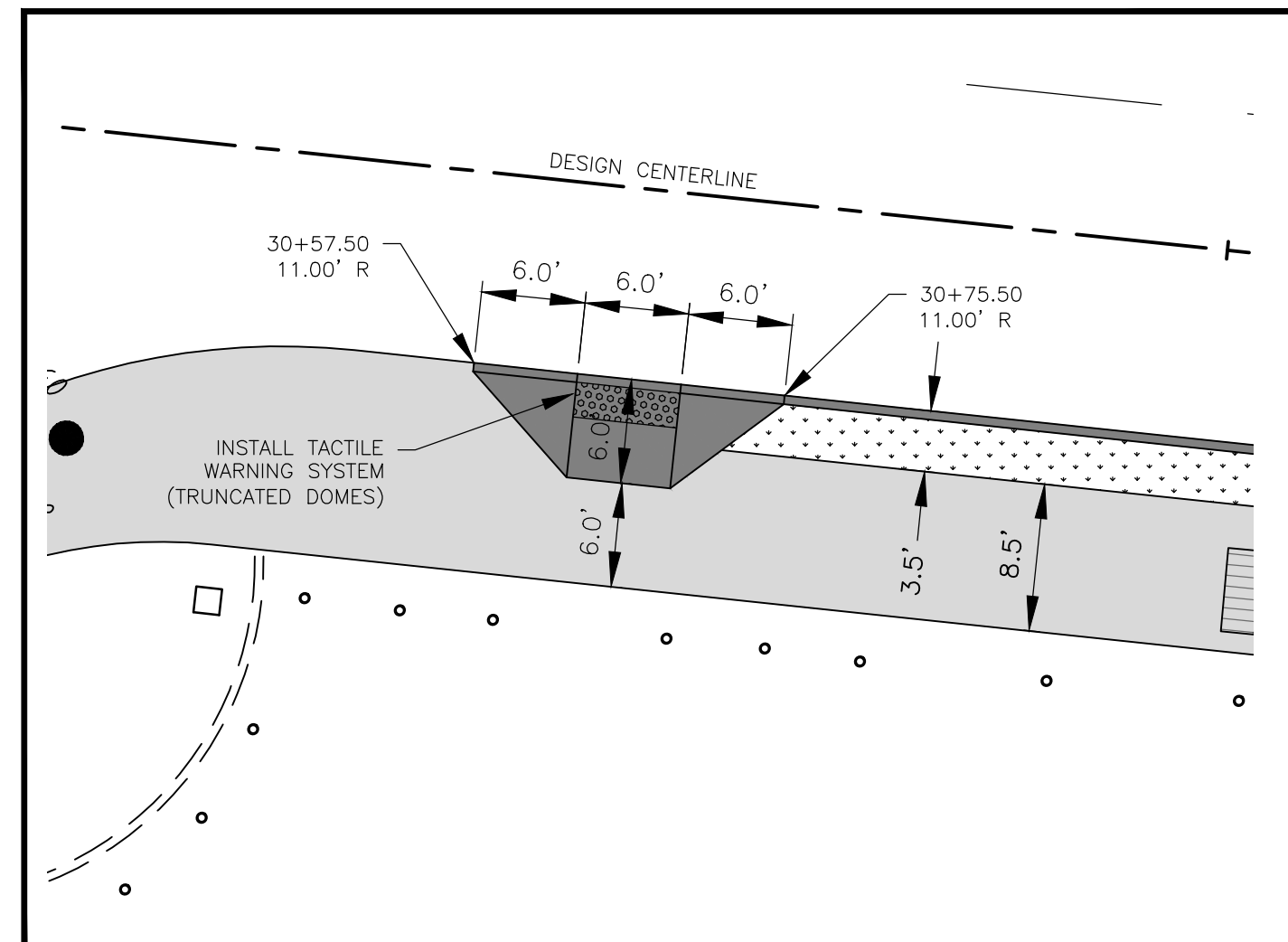
CURB CUT "D"
SCALE 1 inch = 10 feet



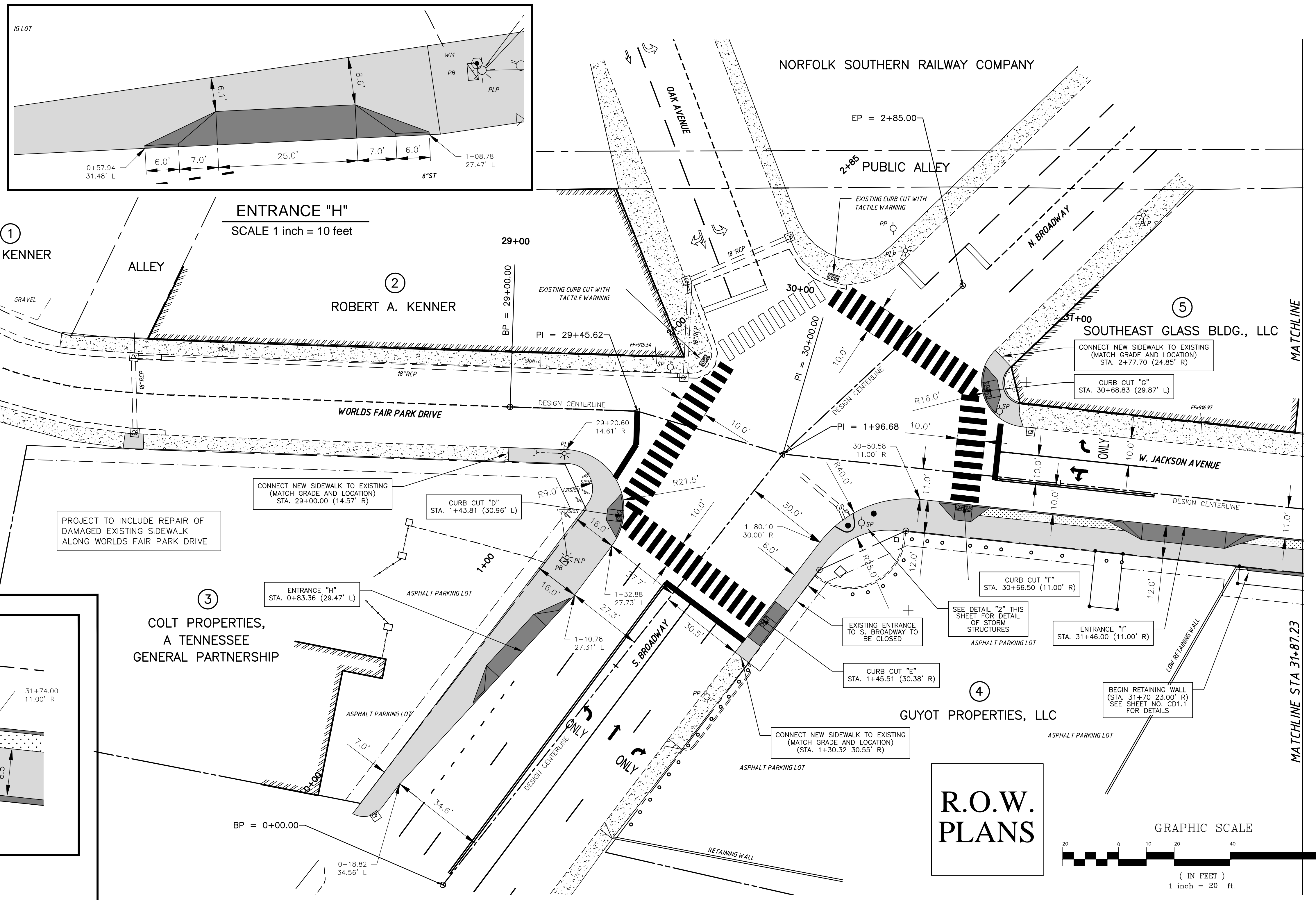
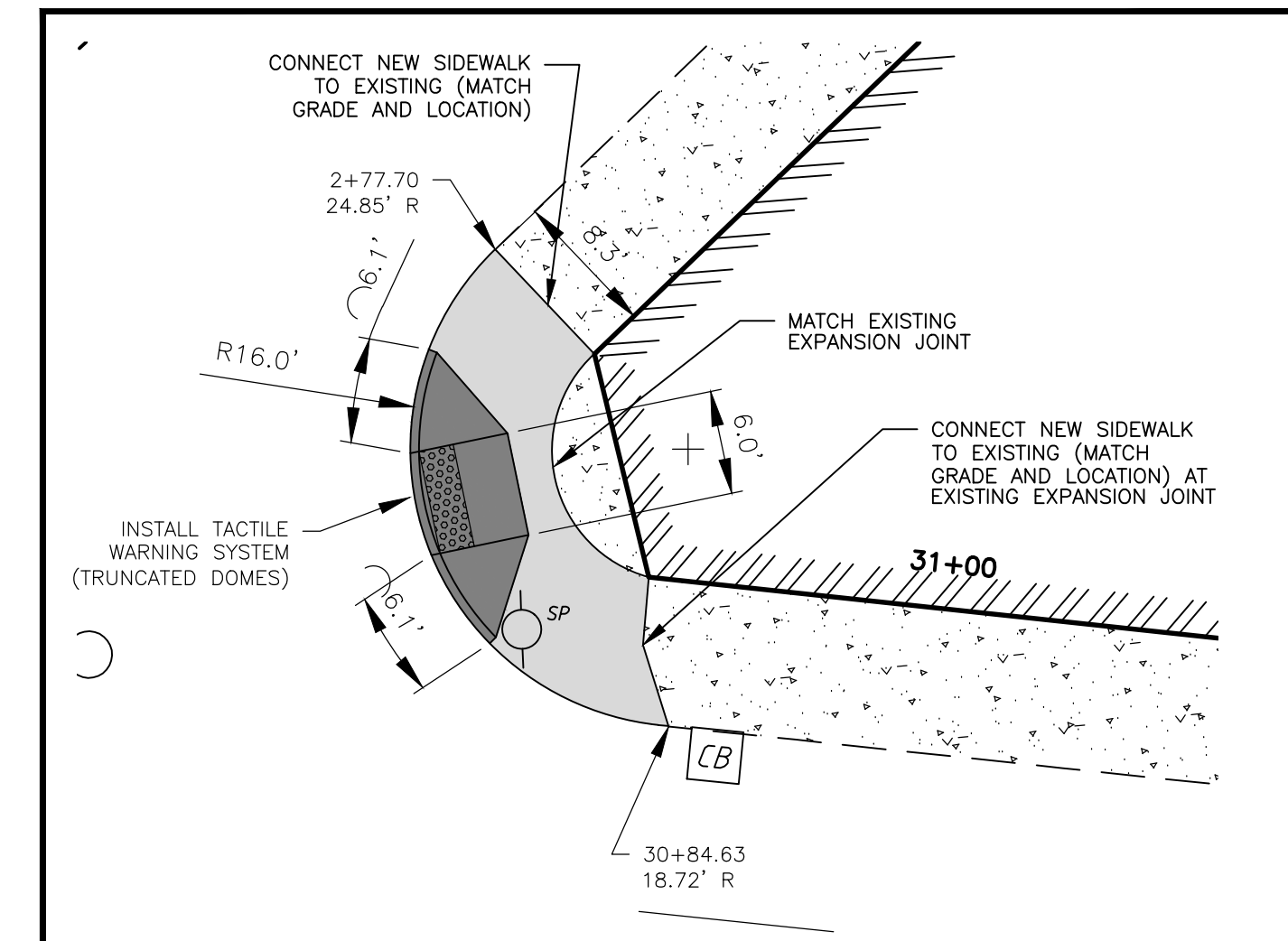
CURB CUT "E"
SCALE 1 inch = 10 feet



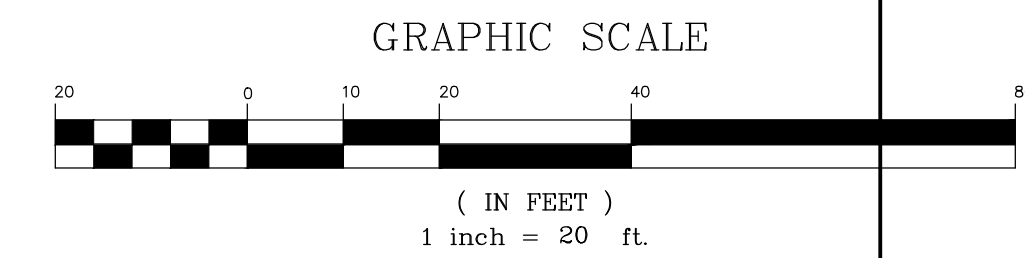
CURB CUT "F"
SCALE 1 inch = 10 feet



CURB CUT "G"
SCALE 1 inch = 10 feet



**R.O.W.
PLANS**



SHEET	PROJECT NO.	TYPE	YEAR

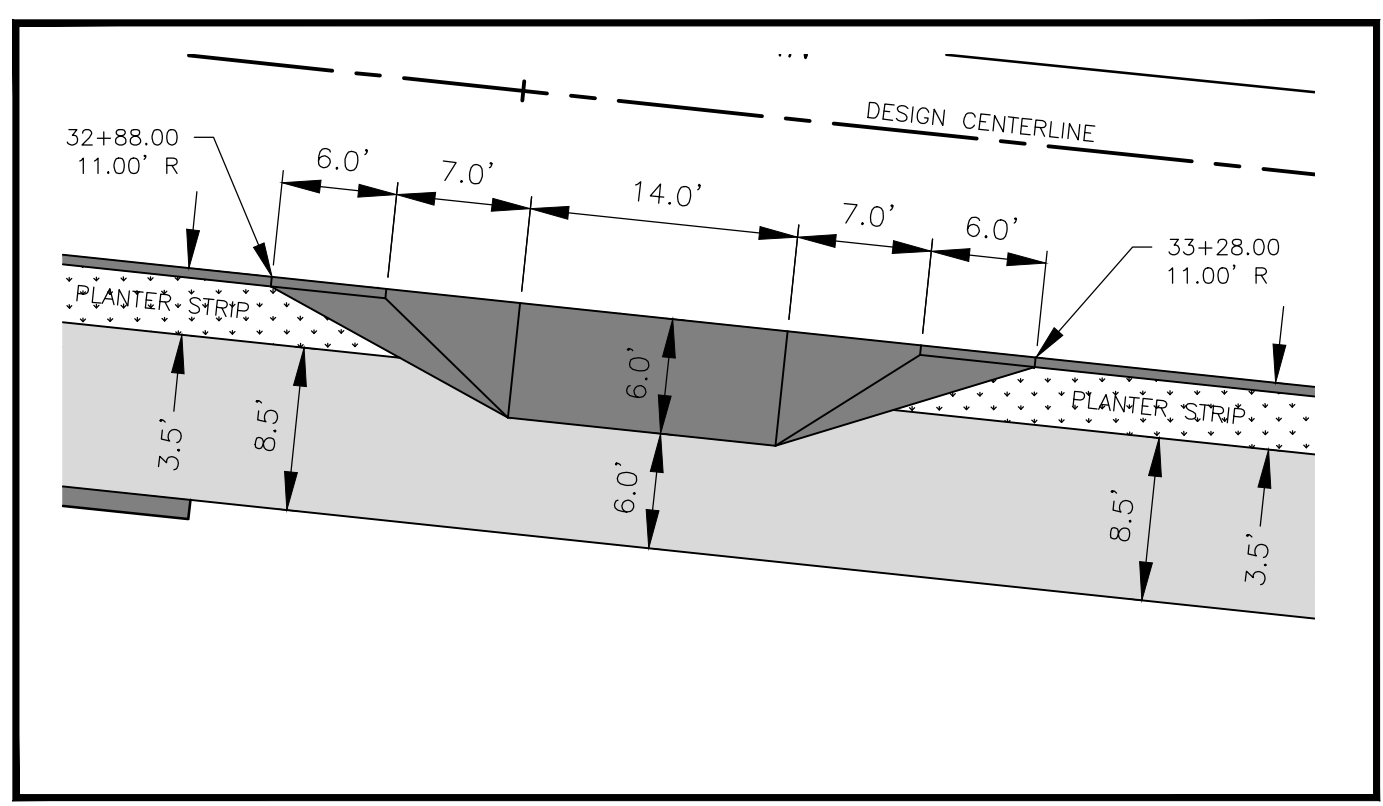
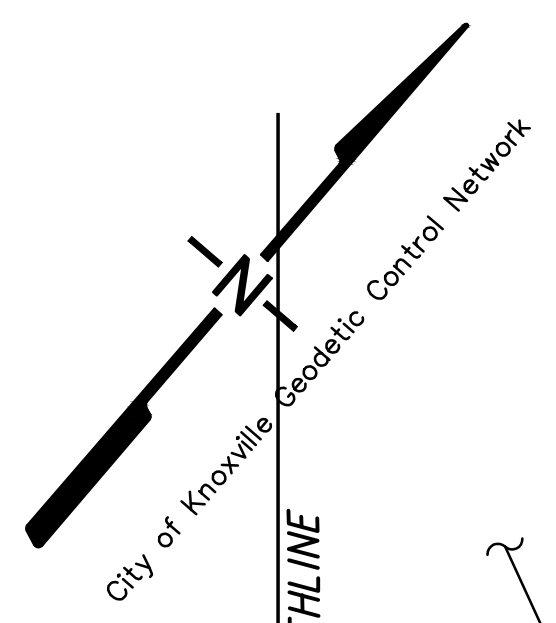
NO.	DATE	REVISIONS	DESCRIPTION

**CITY OF KNOXVILLE
W. JACKSON AVE. STREETSCAPES
KNOXVILLE, TENNESSEE**

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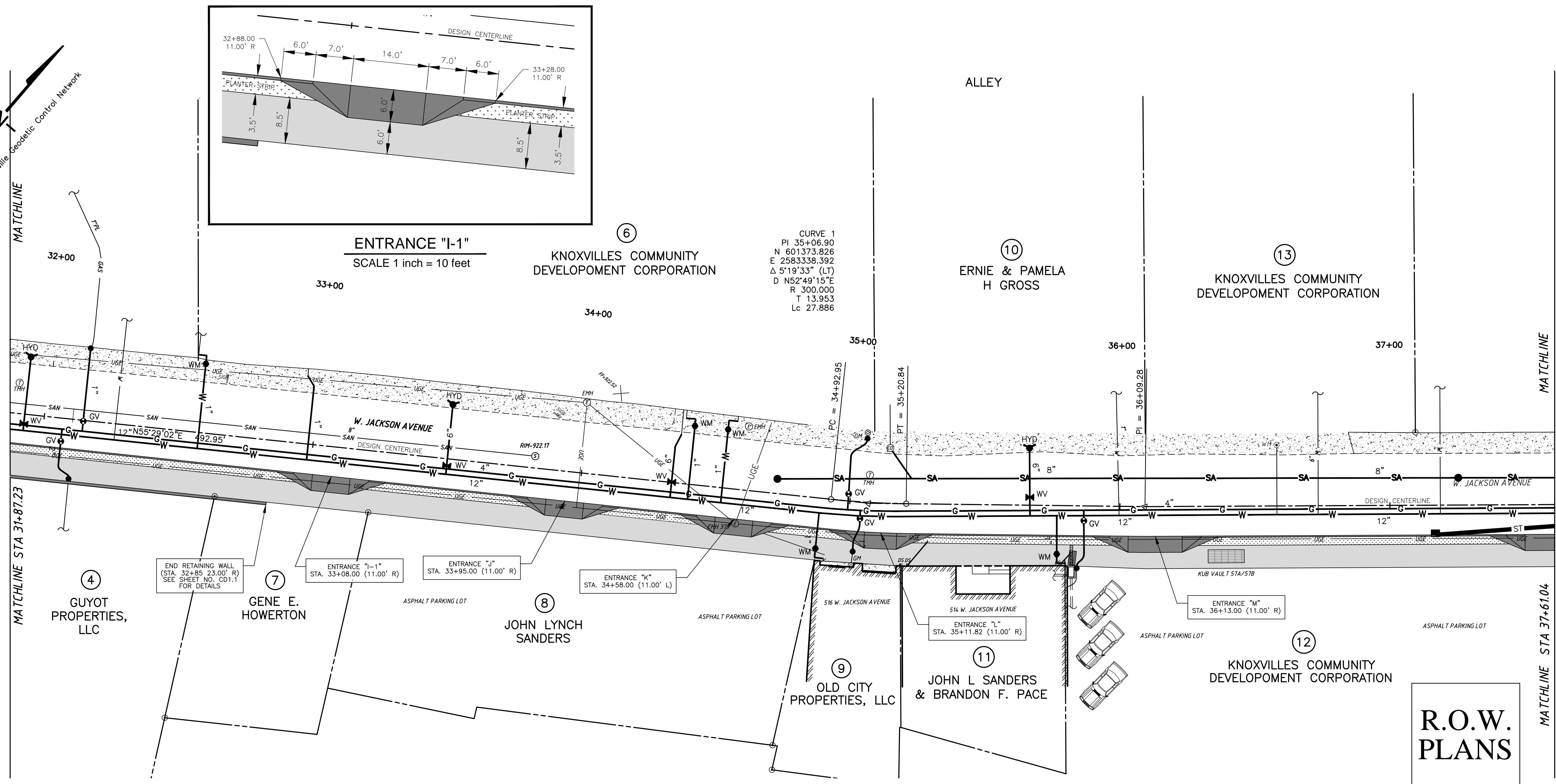
DRAWN: R.C.D.
CHECKED: J.C.E.
COK JOB NO: 12B-R-0518
VM JOB NO: 51130-04
SCALE: 1" = 20'
DATE: 03 OCT 2014
DRAWING TITLE:
**PROPOSED
DETAILED
LAYOUT PLAN**

SHEET 15 OF 35
DRAWING NO: **C2.1**

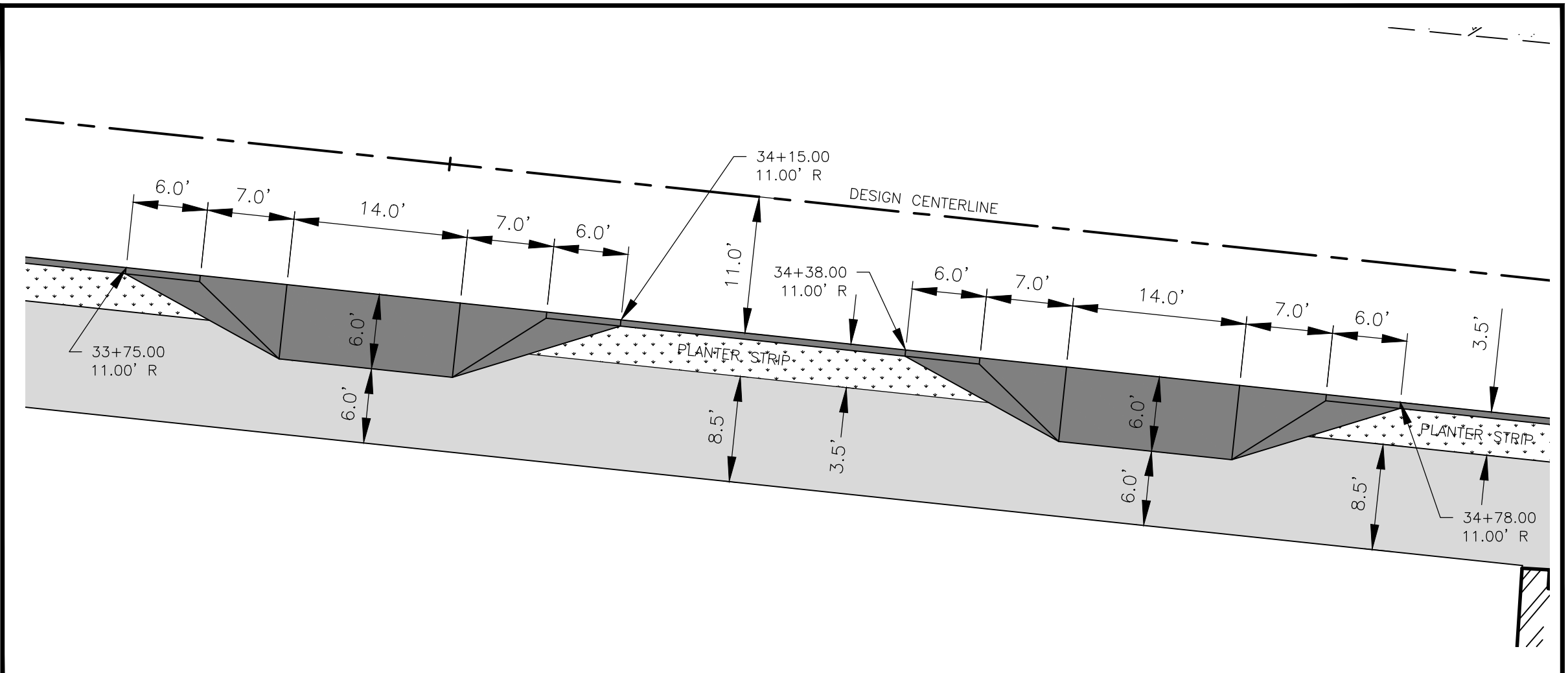
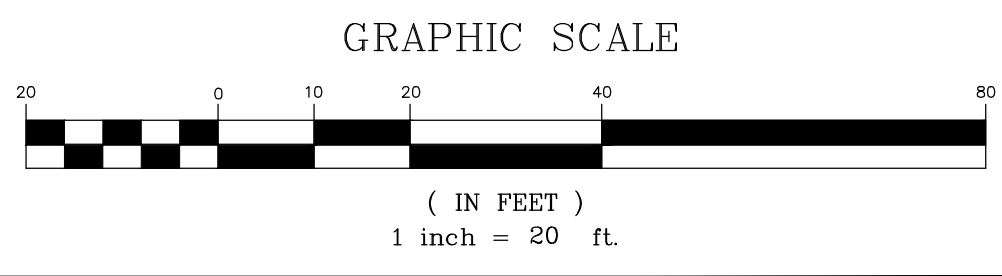


ENTRANCE "I-1"
SCALE 1 inch = 10 feet

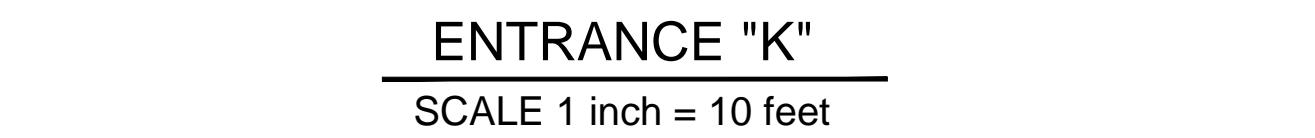
CURVE 1
PI 35+06.90
N 60°13'33.826"
E 258°33'38.392"
Δ 5°19'33" (LT)
D N52°49'15"E
R 300.000
T 13.953
Lc 27.886



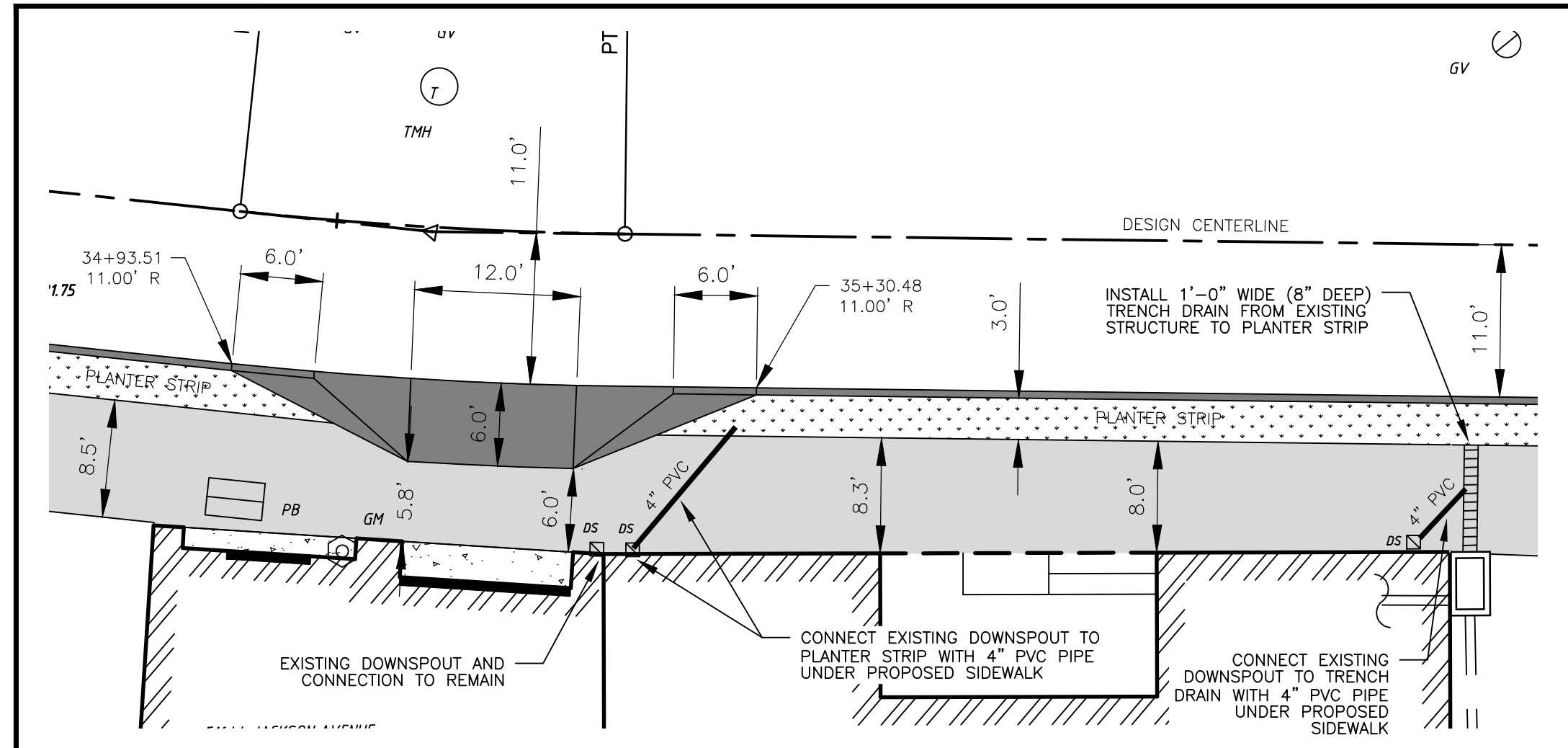
R.O.W. PLANS



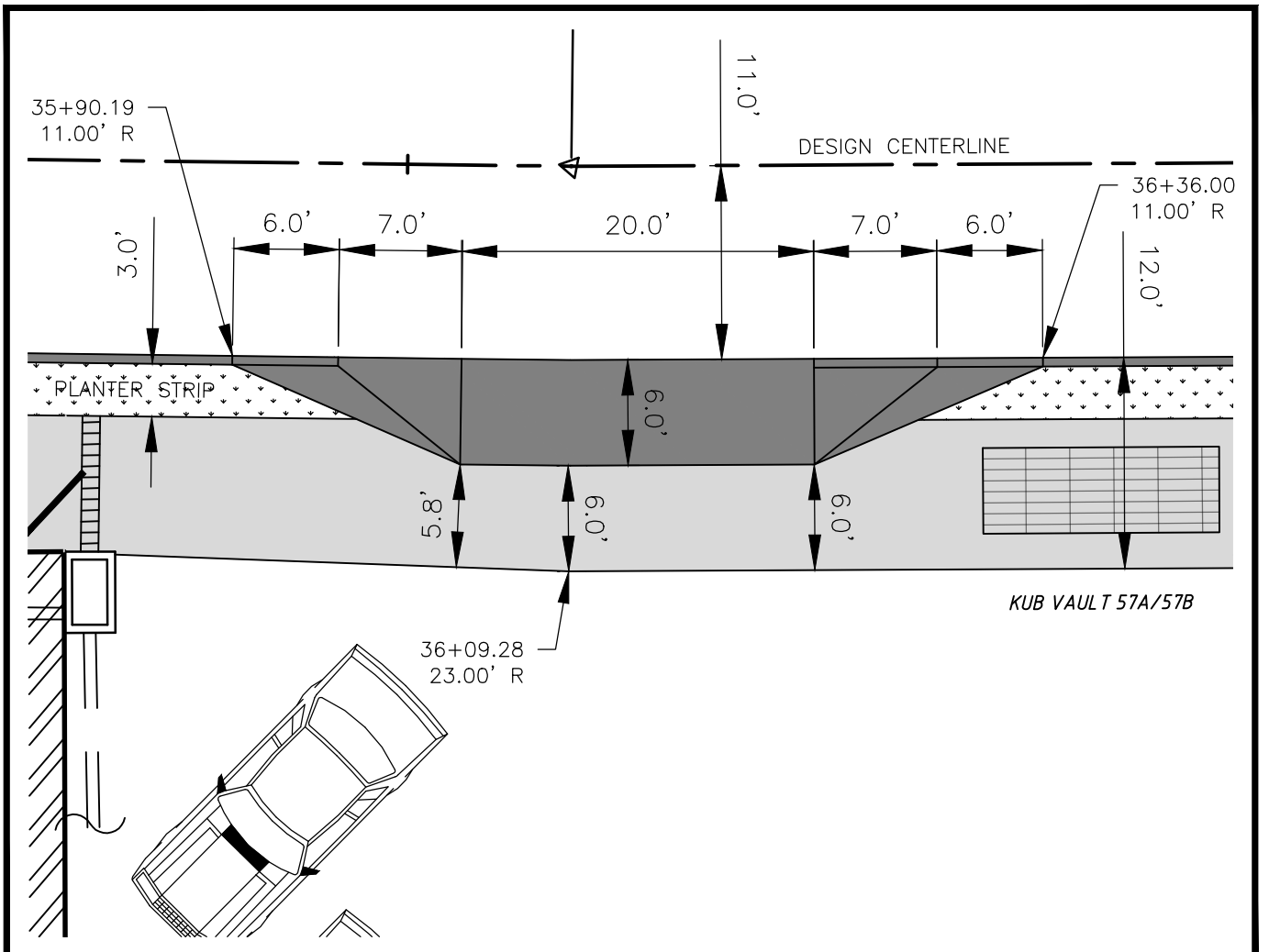
ENTRANCE "J"
SCALE 1 inch = 10 feet



ENTRANCE "K"
SCALE 1 inch = 10 feet



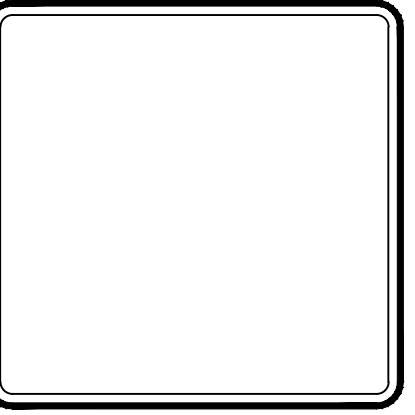
ENTRANCE "L" AND BUILDING DRAINAGE DETAIL
SCALE 1 inch = 10 feet



ENTRANCE "M"
SCALE 1 inch = 10 feet

SHEET	
PROJECT NO.	
TYPE	
YEAR	

REVISIONS	DESCRIPTION
NO.	DATE

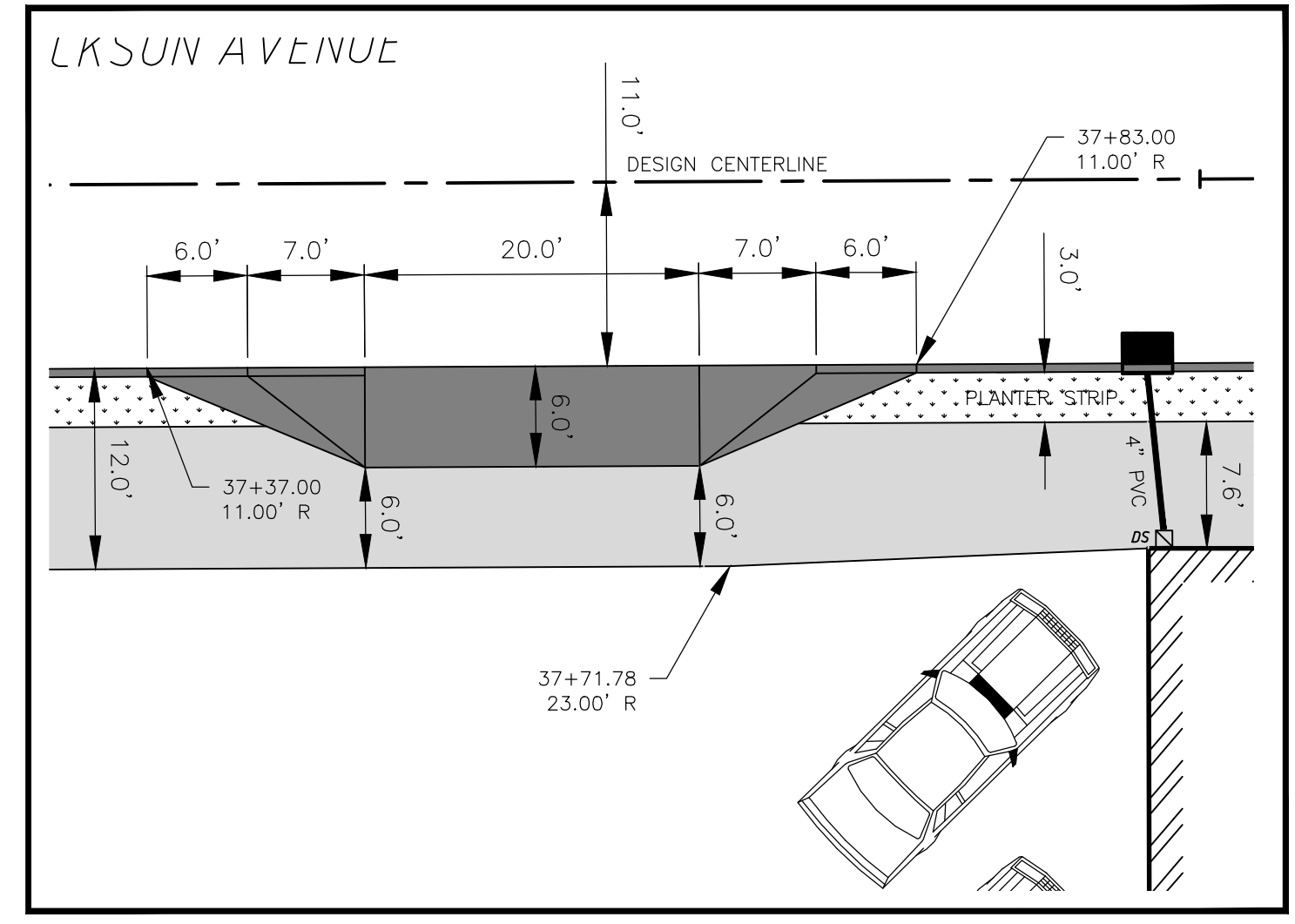
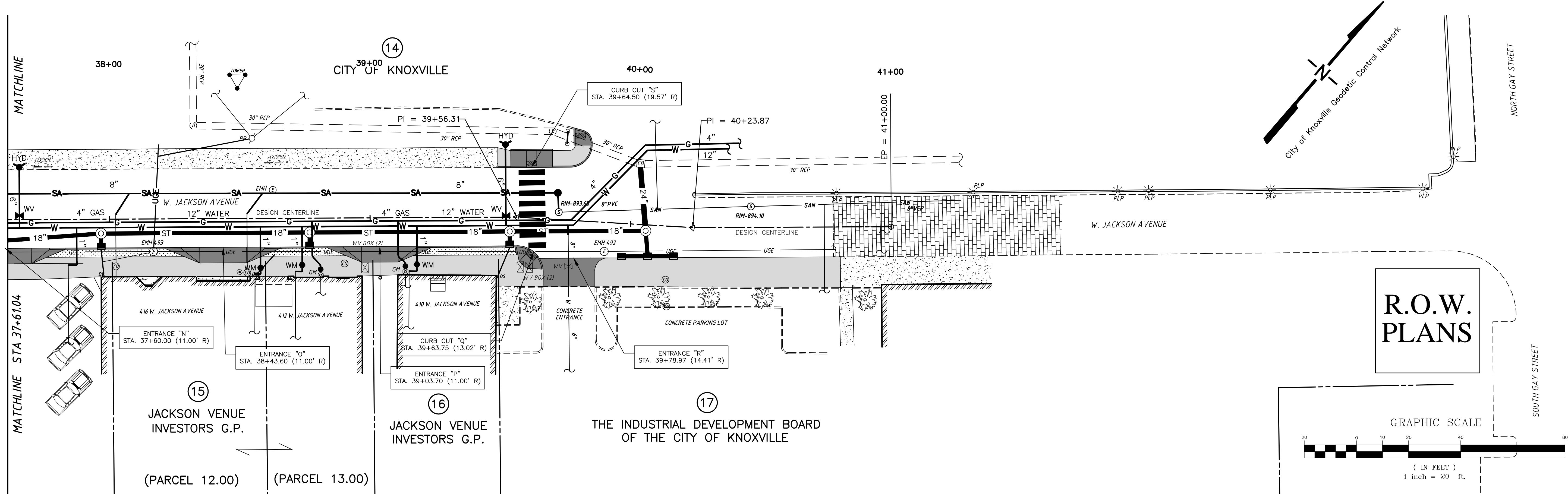


CITY OF KNOXVILLE
W. JACKSON AVE. STREETSCAPES
KNOXVILLE, TENNESSEE

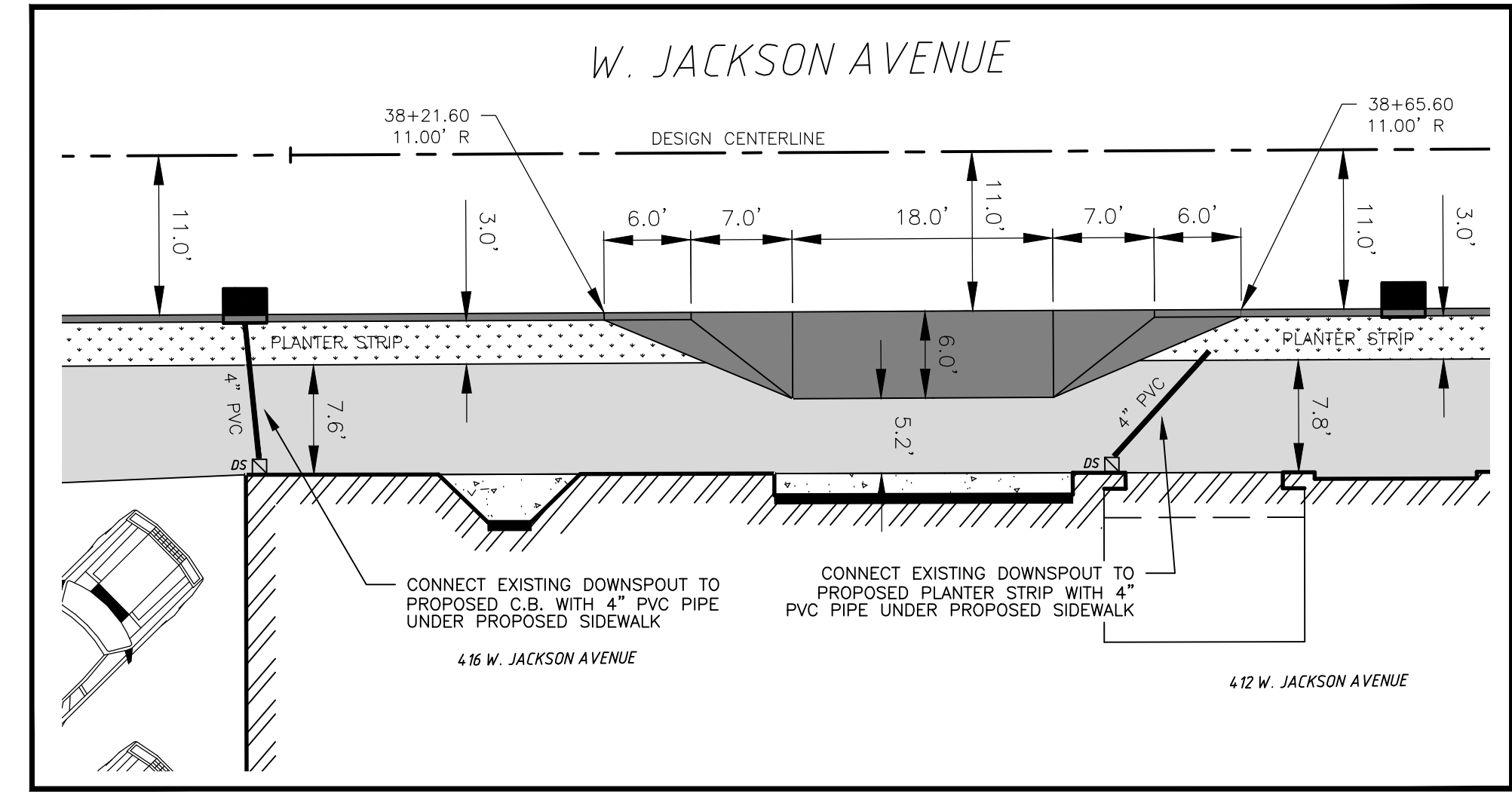
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DRAWN:	R.C.D.
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COK JOB NO:	12B-R-0518
VM JOB NO:	51130-04
SCALE:	1" = 20'
DATE:	03 OCT 2014
DRAWING TITLE:	PROPOSED DETAILED LAYOUT PLAN

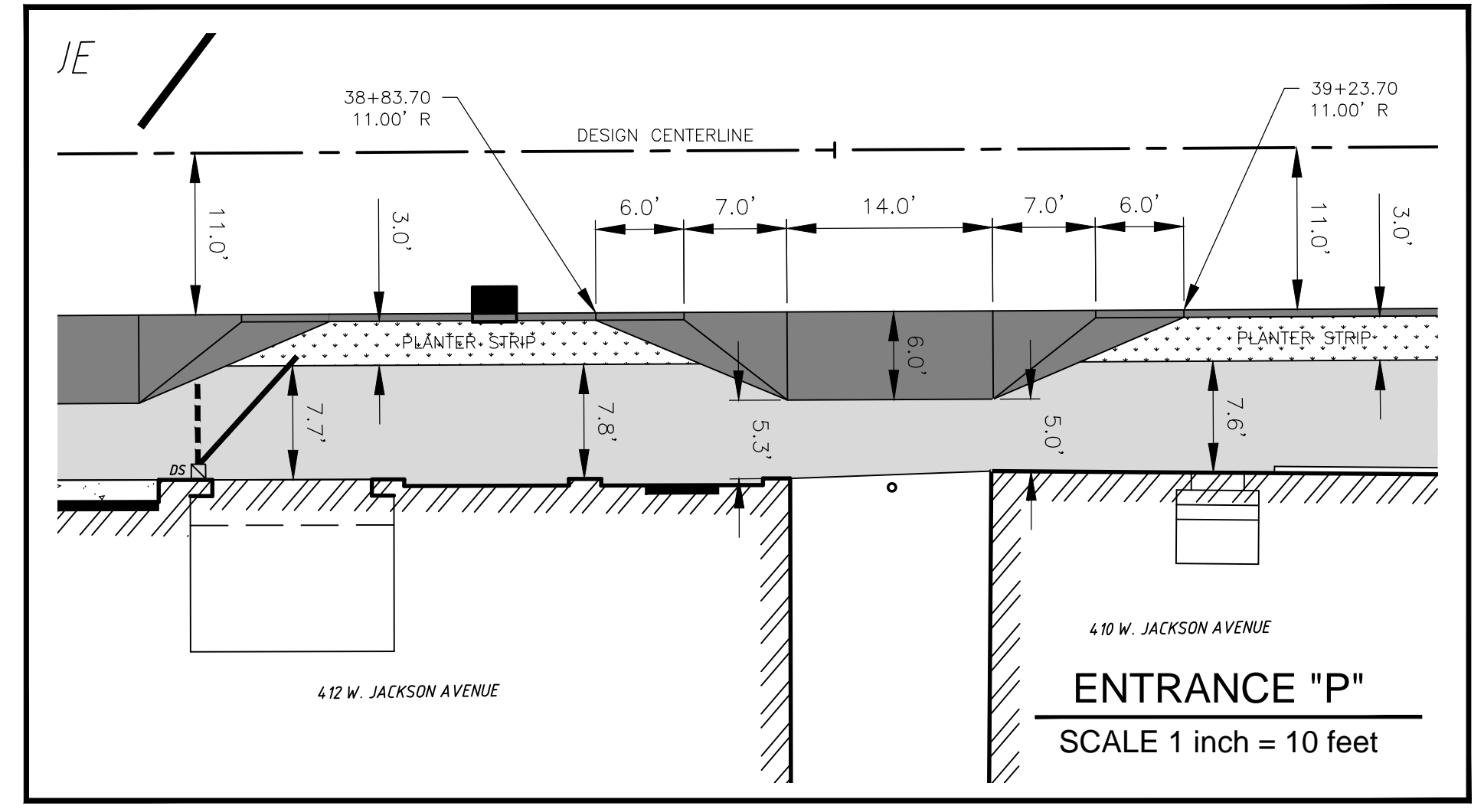
SHEET	DRAWING NO.
18	OF
35	C3.1



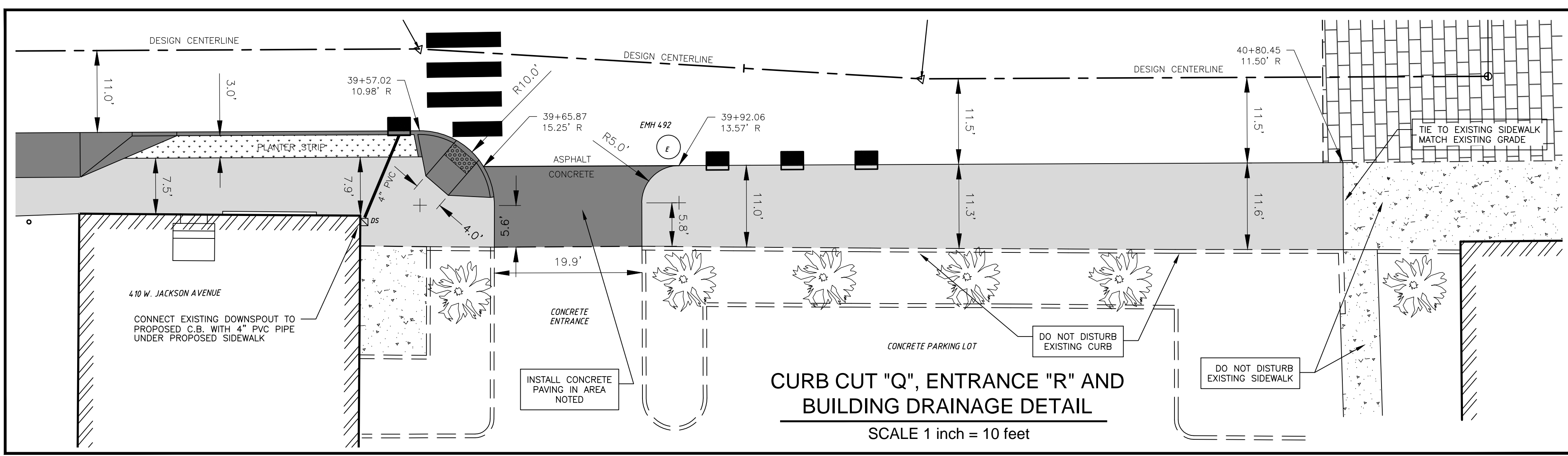
ENTRANCE "N"
SCALE 1 inch = 10 feet



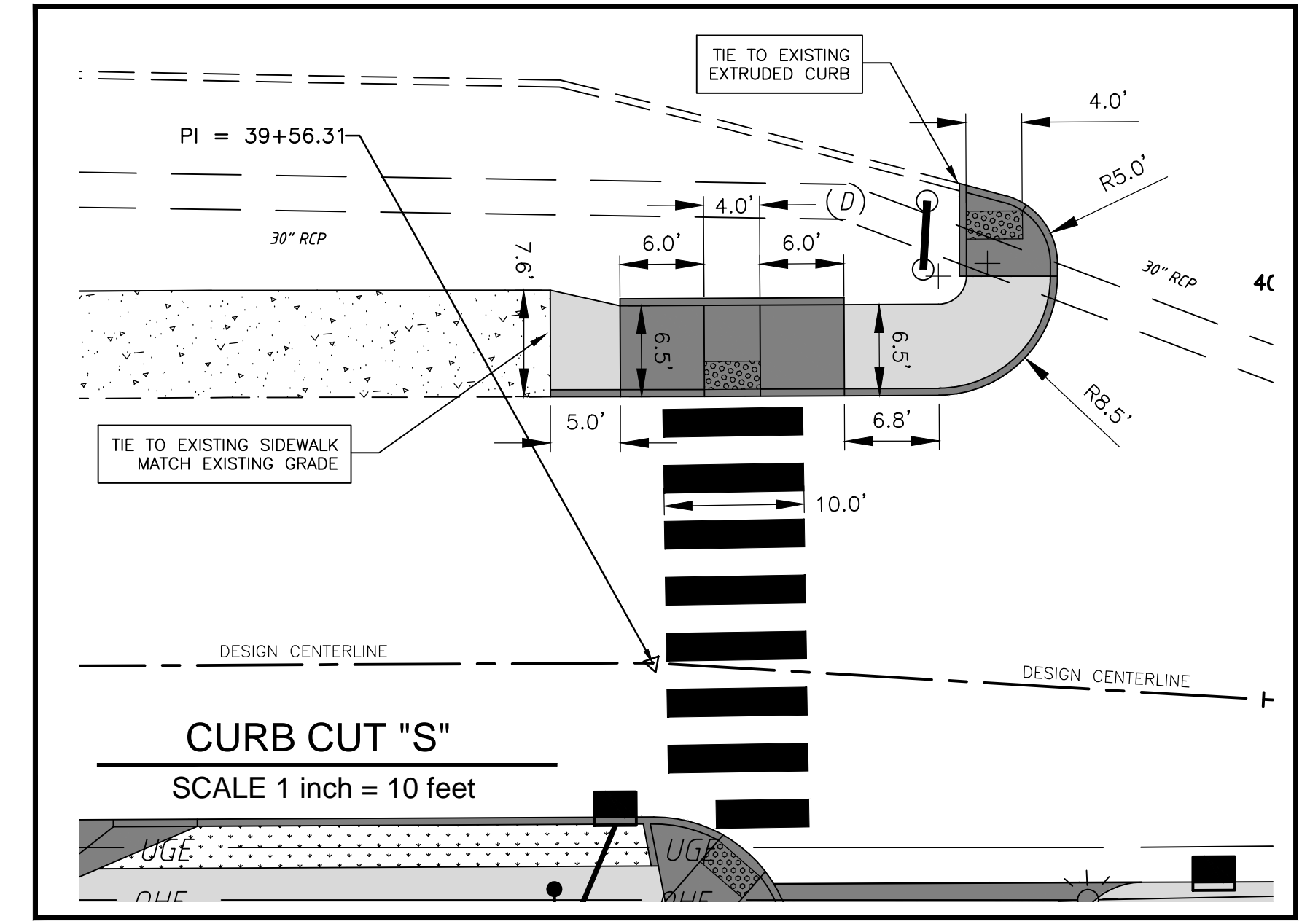
ENTRANCE "O" AND BUILDING DRAINAGE DETAIL
SCALE 1 inch = 10 feet



ENTRANCE "P"
SCALE 1 inch = 10 feet



CURB CUT "Q", ENTRANCE "R" AND BUILDING DRAINAGE DETAIL
SCALE 1 inch = 10 feet



CURB CUT "S"
SCALE 1 inch = 10 feet

SHEET	
PROJECT NO.	
TYPE	
YEAR	

REVISIONS	DESCRIPTION
NO.	DATE

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COK JOB NO: 12B-R-0518
VM JOB NO: 51130-04
SCALE: 1" = 20'
DATE: 03 OCT 2014
DRAWING TITLE:

PROPOSED DETAILED LAYOUT PLAN
SHEET 21 OF 35
DRAWING NO: C4.1



Mike Reynolds <mike.reynolds@knoxmpc.org>

W Jackson Ave Streetscapes

Tom Clabo <tclabo@cityofknoxville.org>
To: "mike.reynolds@knoxmpc.org" <mike.reynolds@knoxmpc.org>

Mon, May 11, 2015 at 3:39 PM

Mike,

Below is the coordination with Jon Livengood regarding bike racks along W. Jackson Avenue.

Thanks,

Thomas V. Clabo, P.E.
Chief Civil Engineer

1400 Loraine Street
Knoxville, TN 37921
(865)215-6100

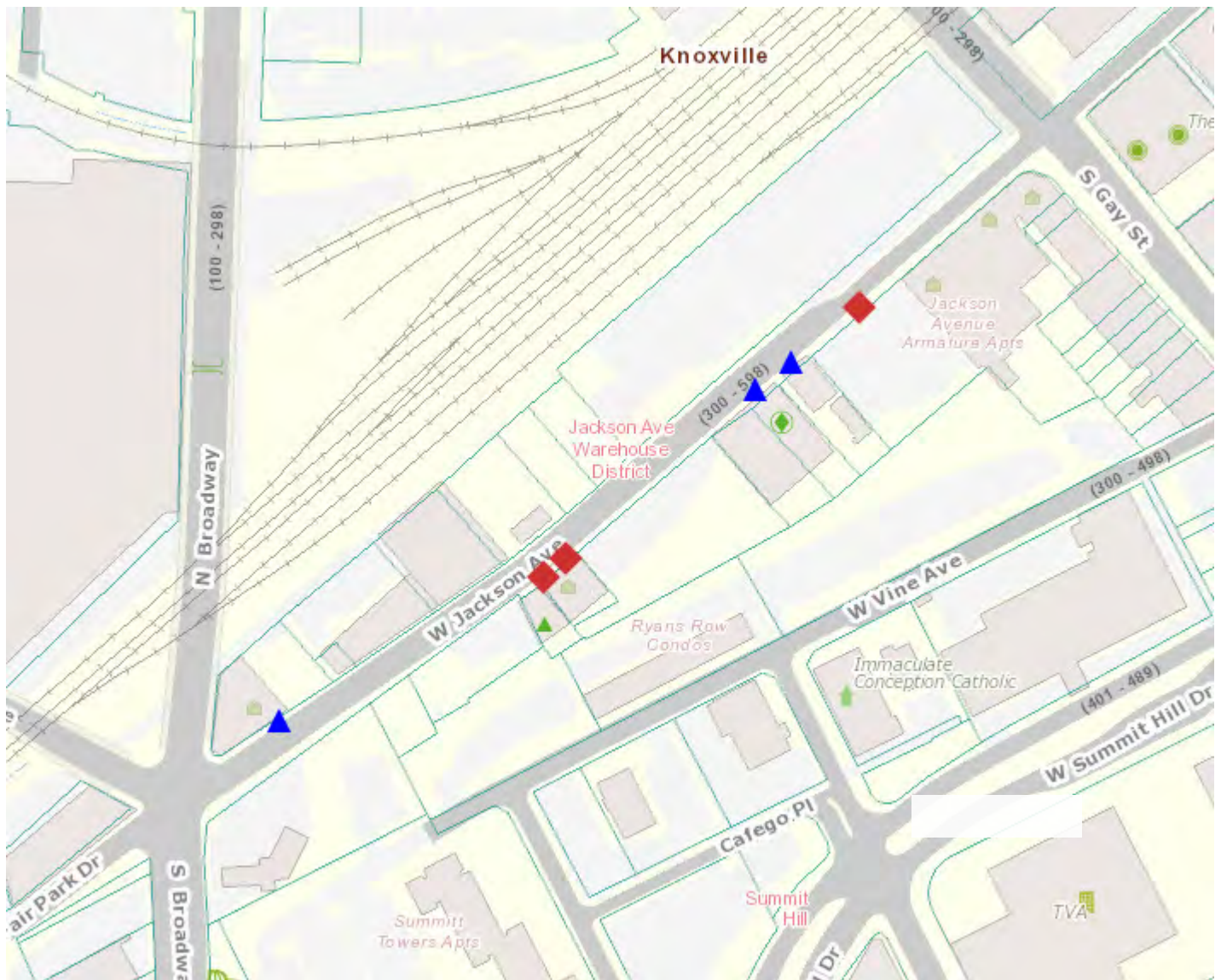
From: Jon Livengood
Sent: Thursday, May 07, 2015 4:17 PM
To: Jason Elliott
Cc: Tom Clabo; Shawn Fitzpatrick
Subject: RE: W Jackson Ave Streetscapes

Sure.

In Downtown, we do hitch racks similar to <http://www.dero.com/product/bike-hitch/> . We usually get the thermoplastic coating in black.

The map below shows existing (red squares) and requested (blue triangle) rack locations. Sweet P's BBQ and The Standard have both asked for racks recently, but sidewalk space is tight, so that's why we have the one installed near the bottom of the ramp. Alternatively to installing sidewalk racks in front of these two businesses, we could use one on-street parking space (across from them) as a location for a small on-street bike corral maybe 3 or 4 racks. That way we can do have decent bike parking without impacting the sidewalk. Dero also sells those: <http://www.dero.com/product/cycle-stall-basic/>

I don't know what is planned for development down here, so It may be smart to have the sidewalk designed to accept more bike parking (i.e. have the space there) as new buildings are built and need arises.



Please let me know if you have any questions

Jon

Jon Livengood

Alternative Transportation Engineer

Department of Engineering

City of Knoxville

1400 Loraine Street

Knoxville, Tennessee 37921

865-215-6196