

September 2, 2021

**** ADDENDUM NO. 1 to REQUEST FOR BIDS ****

**SYLVIAN STREET INFRASTRUCTURE AND STREETScape IMPROVEMENTS
BID NO. 2021-0011**

CITY OF CENTRAL FALLS



NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1: Prospective bidders and all concerned are hereby notified of the following clarifications and changes for this contract. These clarifications and changes shall be incorporated in the Contract Book and Plan Set and shall become an integral part of the Contract Documents.

A. Clarification/Notification

1. Gas Infrastructure

- a. National Grid's written gas policies, "Guidelines for Working Around Gas Utilities", related to this project are attached to this addendum for review and inclusion in the Contract Documents.
- b. As stated in National Grid's policies, the depth of gas mains vary. National Grid requires the contractor to perform hand excavation to locate all gas facilities and whenever digging within 24" of gas facilities.
- c. National Grid will leak survey the roadway before the start of the project and repair any leaks discovered. National Grid will leak survey again after milling operation but before paving. The contractor shall coordinate with National Grid to schedule the second survey.
- d. National Grid has requested minor adjustments to either the size or location of two of the chicane islands, No. 4 and No. 11, to provide a minimum 2' clearance between the gas service and the outside of the curb line. The engineer will adjust the designs accordingly and anticipates that these changes

will have a relatively minor effect on the curb radii for these two chicanes. These minor changes to the curb radii will be given to the awarded bidder. No curbing for chicane No. 4 and No. 11 is to be ordered until the awarded bidder receives these changes.

2. Flagpersons

- a. Prices for Item 40, 914.5010, Flagpersons and Item 41, 914.5020, Flagpersons – Overtime, shall be submitted as a minimum price at the prevailing wage as of the time the bid is submitted.

B. Contract Book - Change

1. Table of Contents

- a. Delete the TABLE OF CONTENTS page and replace with the TABLE OF CONTENTS page labeled as ADDENDUM NO.1 in the lower right corner and R-1 in the upper right corner of the page. The amended page is attached to this Addendum No. 1.

The titles of Appendix C and Appendix D have been corrected to “Proposal” and “General Wage Rate Decision Davis Bacon”, respectively.

2. Appendix C – Proposal

- a. Delete page C-6 and replace with page C-6 labeled as ADDENDUM NO. 1 in the lower right corner and R-1 in the upper right corner of the page. The amended page is attached to this Addendum No. 1.

The Item No. for No. 12 has been changed to “702.0522” and the Description of this item has been changed to “Frame and Cover Standard 6.2.1”.

C. Drawings/Plans - Changes

1. General Plans

- a. Delete sheets 6, 7, and 8, General Plan No. 1, General Plan No. 2, and General Plan No. 3, respectively, and replace them with sheets 6, 7, and 8 labeled as ADDENDUM NO.1 in the lower right corner and R-1 in the upper right corner of the page (Revision No.1 dated 9/1/21 is indicated in the Revisions Table). The amended pages are attached to this Addendum No. 1.

The callouts “REMOVE & STOCKPILE SEWER MANHOLE COVER & GRATE. INSTALL NEW [RI STD 6.1.1]” have been changed to “REMOVE & STOCKPILE SEWER MANHOLE FRAME & COVER. INSTALL NEW FRAME & COVER [RI STD 6.2.1]”

- b. Delete sheet 20, Details 1 and replace it with sheet 20 labeled as ADDENDUM NO.1 in the lower right corner and R-1 in the upper right corner of the page (Revision No.1 dated 9/1/21 is indicated in the Revisions Table). The amended page is attached to this Addendum No. 1.

The detail for “HEAVY-DUTY SQUARE FRAME AND ROUND COVER, R.I. STANDARD 6.1.1” has been replaced with “HEAVY-DUTY ROUND FRAME AND COVER, R.I. STANDARD 6.2.1”



10/01/12

Guidelines for Working Around Gas Utilities

Notification of Construction

National Grid requests at least six week advanced notification prior to the start of construction to perform scheduled work in the proposed project area. Be aware that some gas work cannot be performed during the normal heating season.

Support and Protect

Contractor must call Dig Safe to have the gas mains and services marked out before construction. Care must be exercised when saw cutting over any gas infrastructure, especially services, which are more shallow than the main. Depth of gas mains vary. Contractor shall dig test pits in order to ascertain exact locations, cover and invert elevations, clearances, alignment and operating status of existing gas facilities. Contractor shall exercise extreme caution when excavating in the vicinity of any gas facility. Hand excavation shall be performed to locate all gas facilities and whenever digging within 24" of gas facilities. If cover over gas piping is removed the required cover must be replaced, or if not feasible, National Grid must be notified for review of the issue. Undermined gas pipe must be adequately supported and protected from damage. Contact National Grid engineer for guidelines regarding proper pipe support. Significant vibration from pile driving and such may negatively impact gas facilities, particularly cast iron mains and regulator station vaults. Contact National Grid engineer prior to performing such activities as well as operations which may undermine gas facilities such as micro-tunneling, jacking, directional drilling, etc.

Gas Leaks

For any gas leak please call the appropriate number immediately.

Greater Boston - 800-233-5325

Other Massachusetts – 800-548-8000

Rhode Island – 800-640-1595

Types of Gas Facilities

Gas mains and services are made of several different materials and contain a wide range of pressures. Typical materials used for buried gas pipe includes bare steel, coated steel, plastic, cast iron, wrought iron, ductile iron, and copper. Never assume that a pipe is not gas. At times gas lines are inserted into older lines to save excavation cost.

Exposure of Gas Facilities

If any gas mains or services become exposed, National Grid must be notified to inspect the line before backfilling. Also any damage that may have been made to the pipe or pipe coating will need to be repaired by National Grid before backfilling. Contact our Dispatch office at (877) 304-1203 for inspection. It is important that even minor damage or scrapes be reported to National Grid. Backfill shall be 6" of sand around the gas line and clean compacted fill above.



Regulator Stations

Gas regulator stations are particularly critical facilities and National Grid must be notified whenever work is to take place within 200 feet of a station. Regulator stations are typically in buried vaults accessed through either manhole covers or aluminum doors. **ONLY AUTHORIZED NATIONAL GRID EMPLOYEES SHALL OPEN A REGULATOR STATION VAULT.** Be aware that a complex nest of piping and valves often exists in the vicinity outside the vaults.

Blasting

National Grid must be notified of any blasting that will take place within 200 feet of a gas utility. National Grid must be supplied with a detailed blast plan for blasting in the vicinity of gas facilities. The evaluation of the blast plan by a National Grid engineer may take some time, therefore, blast plan data should be submitted at least two weeks prior to the planned blasting. As a general rule blasting will not be permitted within 10 feet of a gas line and PPV at the nearest gas pipe shall not exceed 5 in/sec. PPV at the nearest gas main shall be monitored.

Valves

Access to gas valves must be maintained throughout construction and left at grade at the end of construction. Should valve boxes be damaged and need to be replaced National Grid will supply replacements upon request. **NEVER OPERATE A GAS VALVE. ONLY NATIONAL GRID SHALL OPERATE GAS VALVES.**

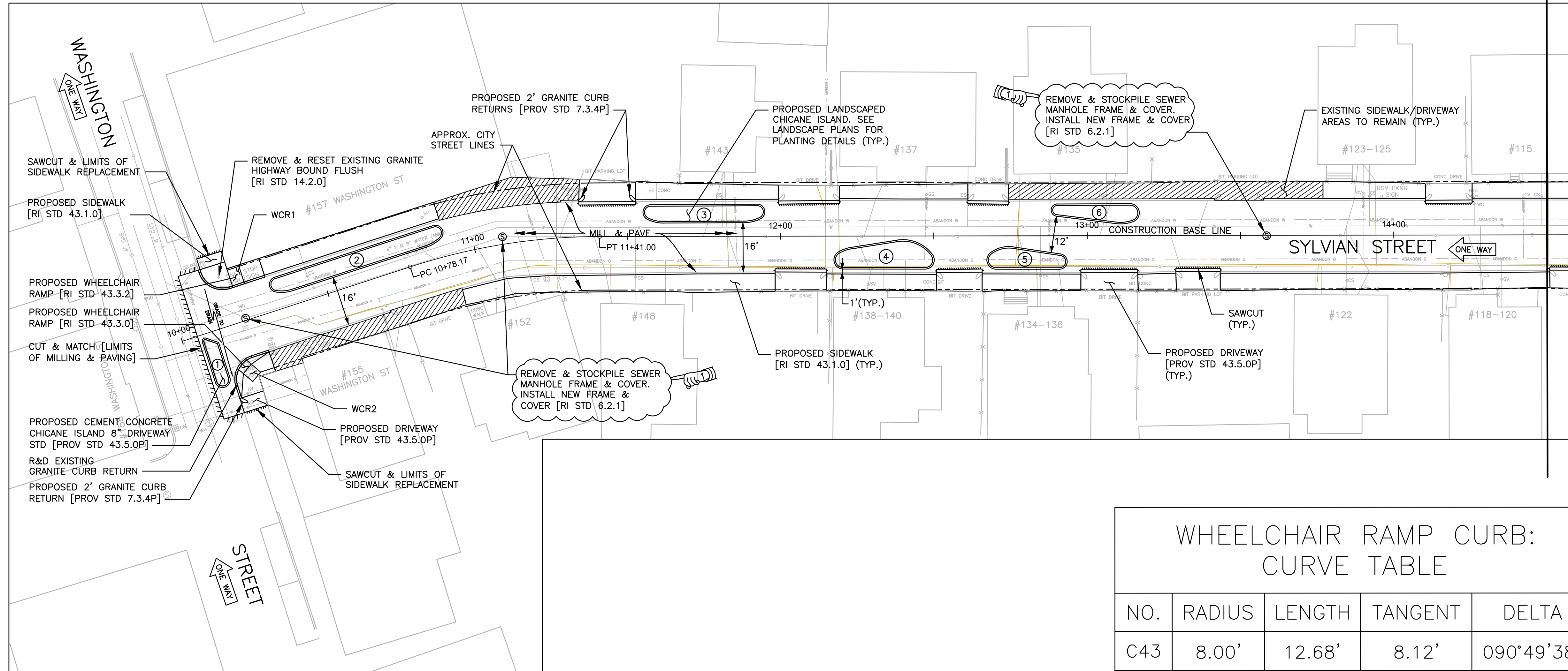
Clearance

Adequate clearance must be provided when installing other utilities, foundations, structures, etc. Contact National Grid engineer for guidance.

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No.	ITEM NO.	DESCRIPTION AND UNIT PRICES WRITTEN	ESTIMATED QUANTITY	ITEM AMOUNT
7	202.0300	Earth Excavation. Unit Price in Figures: \$ _____ Unit Price in Words: _____	Cubic Yard 40.00	\$
8	206.9901	Catch Basin Inlet Protection. Unit Price in Figures: \$ _____ Unit Price in Words: _____	Each 8.00	\$
9	302.0100	Gravel Borrow Subbase Course. Unit Price in Figures: \$ _____ Unit Price in Words: _____	Cubic Yard 100.00	\$
10	401.9901	Class 9.5 HMA for Miscellaneous Work. Unit Price in Figures: \$ _____ Unit Price in Words: _____	Ton 30.00	\$
11	401.9902	Paver Placed Class 9.5 HMA Paving. Unit Price in Figures: \$ _____ Unit Price in Words: _____	Ton 300.00	\$
12	702.0522	Frame and Cover Standard 6.2.1 Unit Price in Figures: \$ _____ Unit Price in Words: _____	Each 7.00	\$



MATCHLINE GENERAL PLAN NO. 2

WHEELCHAIR RAMP CURB:
CURVE TABLE

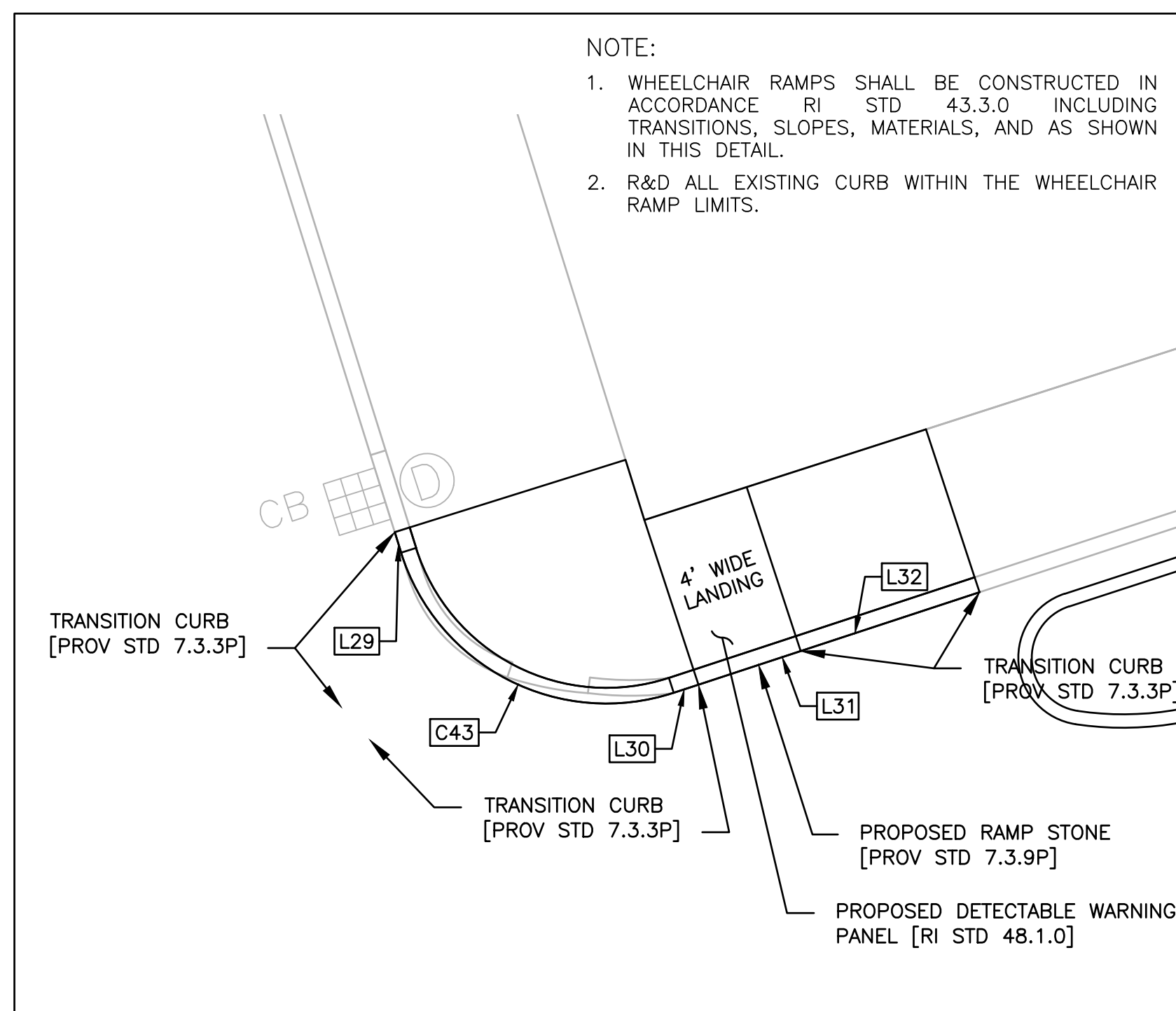
NO.	RADIUS	LENGTH	TANGENT	DELTA
C43	8.00'	12.68'	8.12'	090°49'38"
C44	8.00'	5.92'	3.10'	042°22'13"
C45	8.00'	4.37'	2.24'	031°17'18"
C46	8.00'	2.18'	1.10'	015°38'30"

WHEELCHAIR RAMP CURB:
LINE TABLE

NO.	LENGTH
L29	0.80'
L30	0.97'
L31	4.00'
L32	7.00'
L33	4.09'
L34	5.82'

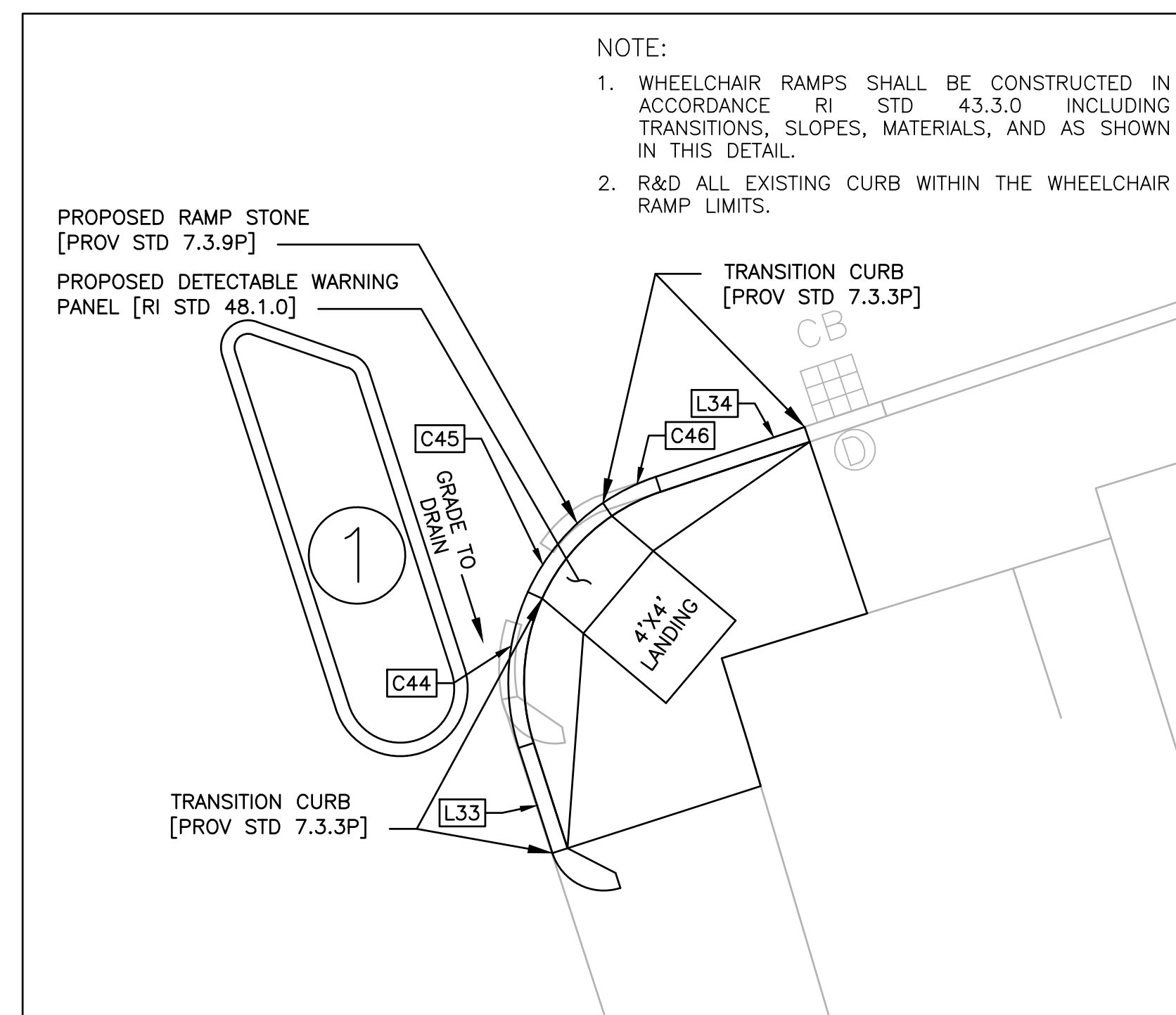
- NOTES:
1. ALL PROPOSED ISLANDS SHALL HAVE 6" GRANITE SLOPE FACED CURB. [RI STD 7.4.0]
 2. ALL SURFACE UTILITIES WITHIN THE LIMITS OF THE RESURFACING AND SIDEWALK/DRIVEWAY AREAS DESIGNATED FOR REPLACEMENT SHALL BE ADJUSTED TO GRADE AS REQUIRED.
 3. REPLACE ALL SIDEWALKS AND DRIVEWAYS WITHIN THE LIMITS OF RESURFACING UNLESS DESIGNATED TO REMAIN.

ADDENDUM NO.1



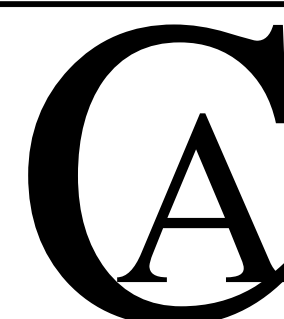
WHEELCHAIR RAMP DETAIL - WCR1

SCALE: 1" = 5'



WHEELCHAIR RAMP DETAIL - WCR2

SCALE: 1" = 5'



RA CATALDO & ASSOCIATES INC.
CIVIL ENGINEERS - LAND SURVEYORS

(401) 453-3300
FAX: (401) 453-4117
ca@cataldoeng.com

114 SMITHFIELD AVENUE
PAWTUCKET, RHODE ISLAND 02880



CITY OF
CENTRAL FALLS

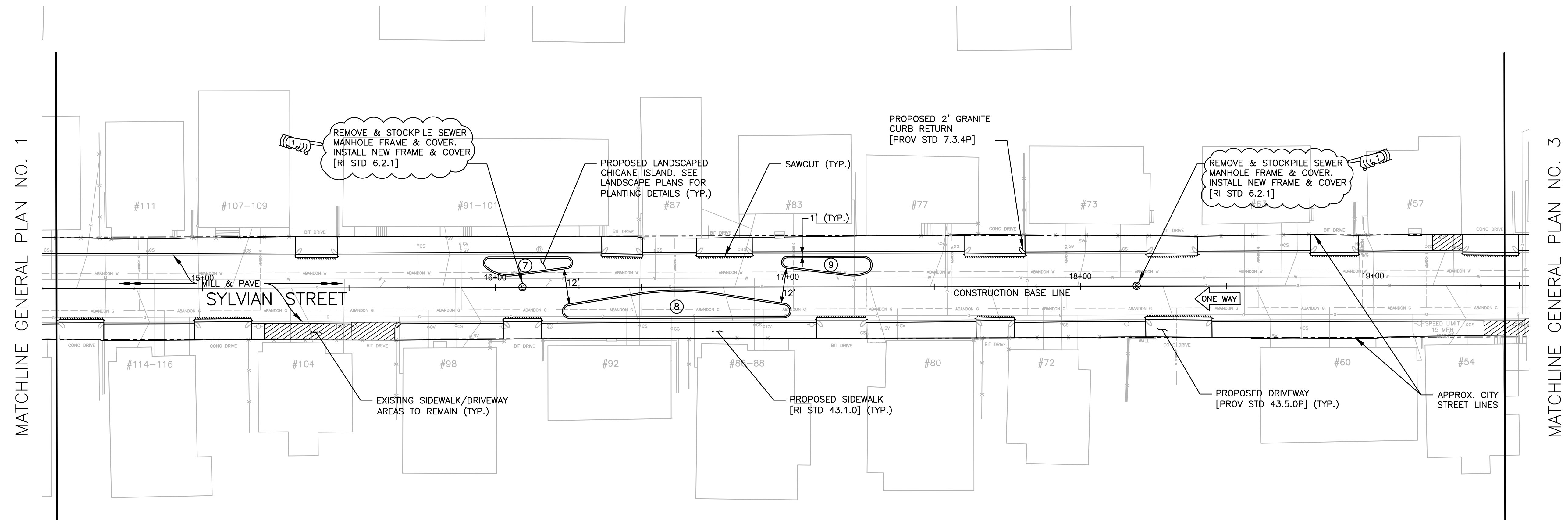
DESIGNED BY: JJP/RAC
CHECKED BY: RWC
DATE: 08/20/2021
SHEET: 6
OF: 21

SCALE: 1"=20'

REVISIONS		REVISIONS			
NO.	DATE	BY	NO.	DATE	BY
1	9/1/21	CD			

INFRASTRUCTURE AND STREETSCAPE IMPROVEMENTS
SYLVIAN STREET
CENTRAL FALLS, RHODE ISLAND
CONTRACT: 2021-0011

GENERAL PLAN NO. 1



- NOTES:
1. ALL PROPOSED ISLANDS SHALL HAVE 6" GRANITE SLOPE FACED CURB. [RI STD 7.4.0]
 2. ALL SURFACE UTILITIES WITHIN THE LIMITS OF THE RESURFACING AND SIDEWALK/DRIVEWAY AREAS DESIGNATED FOR REPLACEMENT SHALL BE ADJUSTED TO GRADE AS REQUIRED.
 3. REPLACE ALL SIDEWALKS AND DRIVEWAYS WITHIN THE LIMITS OF RESURFACING UNLESS DESIGNATED TO REMAIN.

ADDENDUM NO.1

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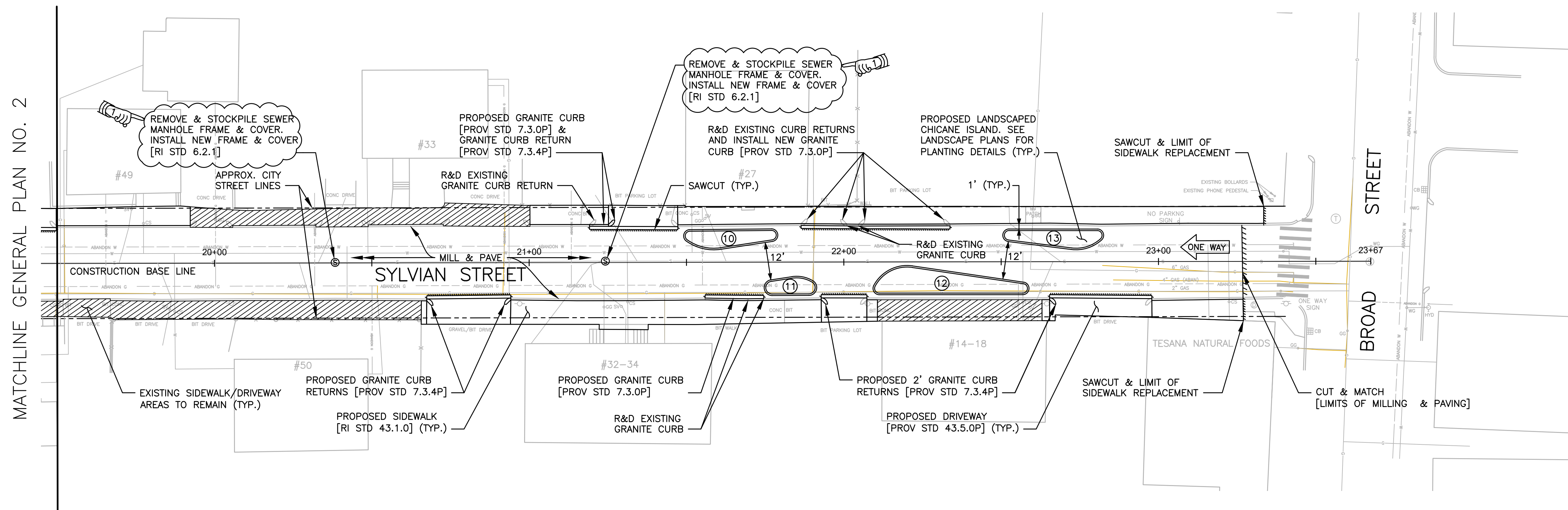
CITY OF
 CENTRAL FALLS

DESIGNED BY: JJP/RAC
 CHECKED BY: RWC
 DATE: 08/20/2021
 SHEET: 7
 OF: 21

SCALE: 1"=20'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	9/1/21	CD			

INFRASTRUCTURE AND STREETSCAPE IMPROVEMENTS
 SYLVIAN STREET
 CONTRACT: 2021-0011
 CENTRAL FALLS, RHODE ISLAND
GENERAL PLAN NO. 2



- NOTES:
1. ALL PROPOSED ISLANDS SHALL HAVE 6" GRANITE SLOPE FACED CURB. [RI STD 7.4.0]
 2. ALL SURFACE UTILITIES WITHIN THE LIMITS OF THE RESURFACING AND SIDEWALK/DRIVEWAY AREAS DESIGNATED FOR REPLACEMENT SHALL BE ADJUSTED TO GRADE AS REQUIRED.
 3. REPLACE ALL SIDEWALKS AND DRIVEWAYS WITHIN THE LIMITS OF RESURFACING UNLESS DESIGNATED TO REMAIN.

ADDENDUM NO.1

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CITY OF
 CENTRAL FALLS

DESIGNED BY: JJP/RAC
 CHECKED BY: RWC
 DATE: 08/20/2021
 SHEET: 8
 OF: 21

SCALE: 1"=20'

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	9/1/21	CD			

INFRASTRUCTURE AND STREETSCAPE IMPROVEMENTS
 SYLVIAN STREET
 CONTRACT: 2021-0011
 CENTRAL FALLS, RHODE ISLAND
GENERAL PLAN NO. 3



Issue Date: 1/6/17
Revised: 6/14/19

PROVIDENCE WHEELCHAIR RAMP STANDARDS

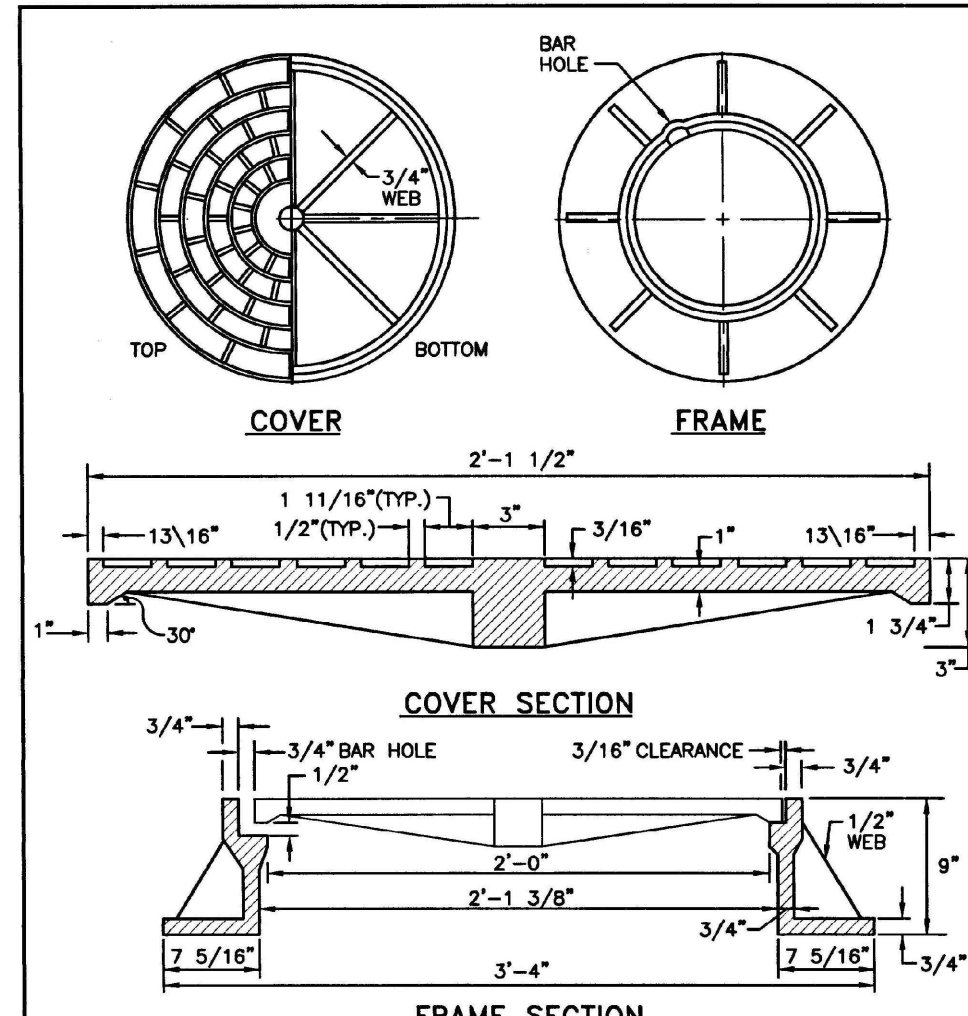
The City of Providence has adopted the Rhode Island Department of Transportation's (RIDOT) wheelchair ramp standards:

43.3.0 - Wheelchair Ramp
43.3.1 - Wheelchair Ramp for Limited Right-of-Way Areas
43.3.2 - Ramp Landing for Narrow Sidewalk
48.1.0 - Detectable Warning Panel Placement

Please note:

- All sidewalks and wheelchair ramps shall be Portland cement concrete.
- All references to curbing in the RIDOT standard details shall be Providence Standard 7" wide granite curb

DEPARTMENT OF PUBLIC WORKS
700 Adams Avenue Providence, Rhode Island 02905
401 467 7950 ph | 401 941 2567 fax
www.providenceri.com



COVER
TOP
BOTTOM

FRAME

2'-1 1/2"

1 11/16" (TYP.)
1/2" (TYP.)
3/16"
1"
13 1/16"
1 3/4"

COVER SECTION

3/4"
3/4" BAR HOLE
1/2"
3/16" CLEARANCE
3/4"
1 1/2" WEB
2'-0"
2'-1 3/8"
7 5/16"
3'-4"
3/4"

FRAME SECTION

NOTES:
1. FRAME AND GRATE SHALL CONFORM TO SECTION M.04 OF THE R.I. STANDARD SPECIFICATIONS.
2. FRAME AND COVER SEATS MUST HAVE MACHINE FINISH.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

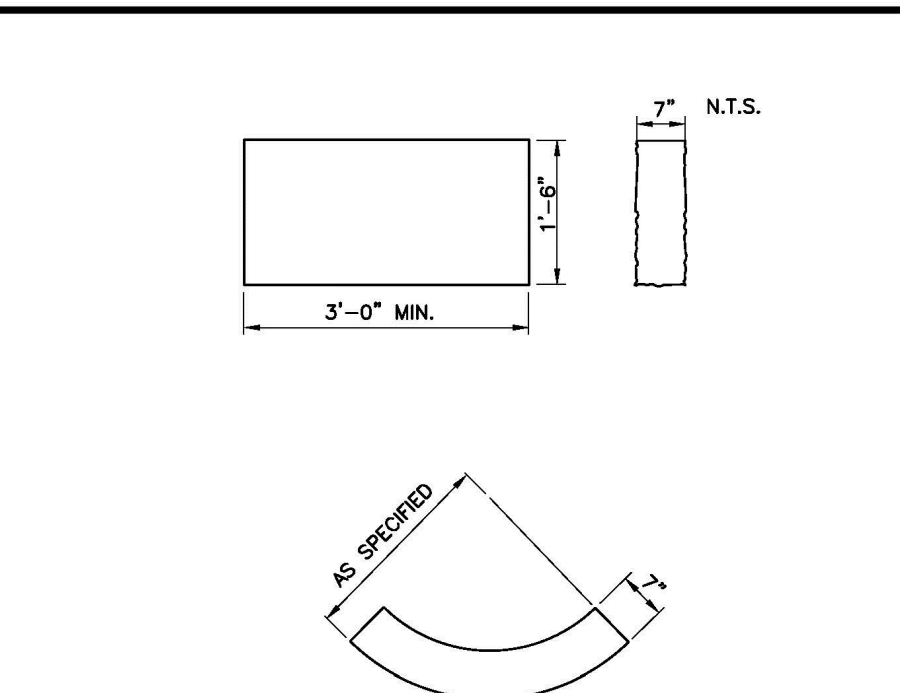
HEAVY-DUTY ROUND FRAME AND COVER

NO. BY DATE
1 M.P. Mar. 05

J. Cataldo
S. P. [Signature]
DESIGNER CHECKED BY

JUNE 15, 1998
ISSUE DATE

R.I. STANDARD 6.2.1



3'-0" MIN.
6'-0" MAX.
1'-6"
7" N.T.S.

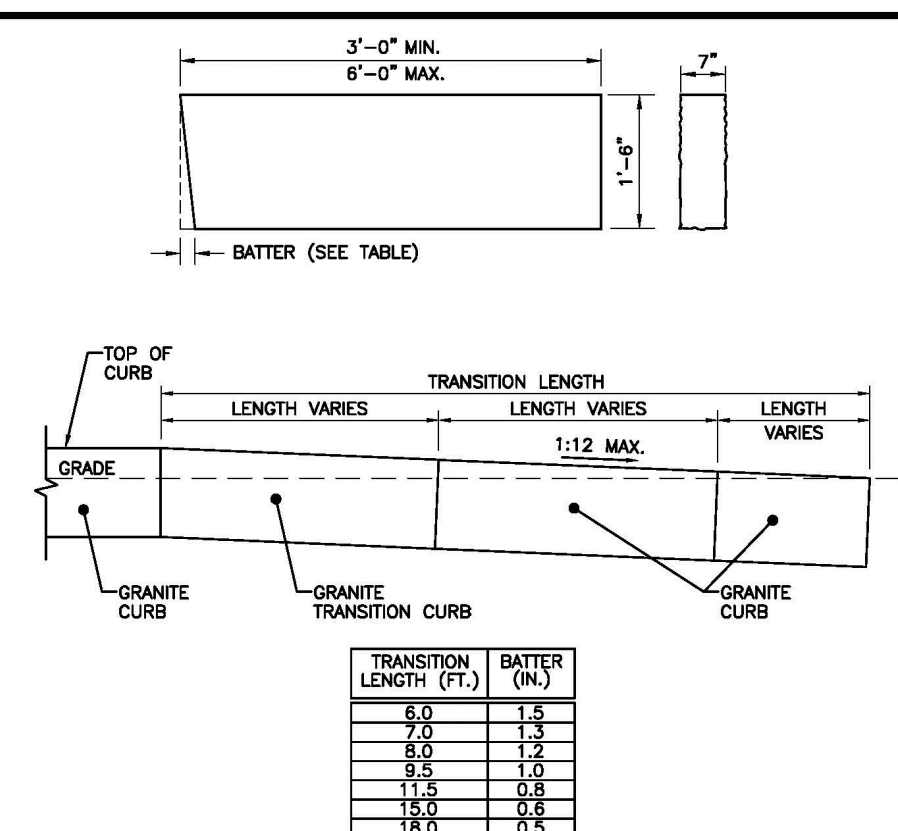
AS SPECIFIED

NOTE:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER TO BE SAWCUT OR QUARRY SPLIT.
3. MINIMUM LENGTH OR CIRCULAR PIECES TO BE 3'-0".
4. CIRCULAR CURB IS REQUIRED ON CURVES AS INDICATED. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.
5. CURB TO BE SET PER PROVIDENCE CURB SETTING DETAIL.

GRANITE CURB - STRAIGHT AND CIRCULAR
N.T.S.

7.3.0 P
PROVIDENCE STANDARD

ISSUE DATE: 1/6/17



3'-0" MIN.
6'-0" MAX.
1'-6"
7"
BATTER (SEE TABLE)

TOP OF CURB
GRADE
LENGTH VARIES
TRANSITION LENGTH
LENGTH VARIES
1:12 MAX.
LENGTH VARIES

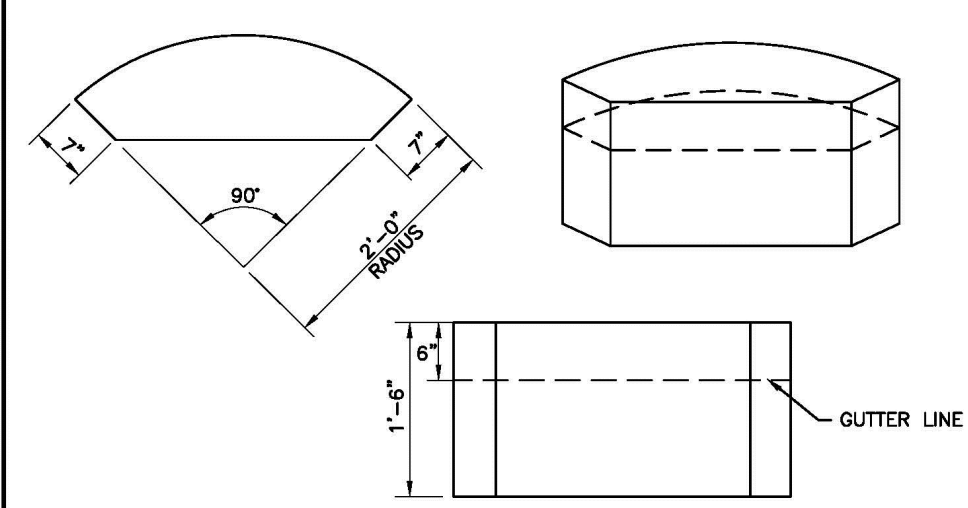
TRANSITION LENGTH (FT.)	BATTER (IN.)
6.0	1.5
9.0	1.3
12.0	1.0
15.0	0.8
18.0	0.5

NOTE:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. THE CONTRACTOR MAY CUT EXISTING CURB SECTIONS AS REQUIRED TO MEET THIS DETAIL AND THE R.I. STANDARD SPECIFICATIONS, WHERE OLD CURBING IS BEING REUSED.
3. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR CURB FILLER PIECES TO BE 3'-0" (GREATER LENGTHS PREFERRED).
4. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER TO BE SAWCUT OR QUARRY SPLIT.
5. CURB TO BE SET PER PROVIDENCE CURB SETTING DETAIL.

GRANITE WHEELCHAIR RAMP TRANSITION CURB
N.T.S.

7.3.3 P
PROVIDENCE STANDARD

ISSUE DATE: 1/6/17



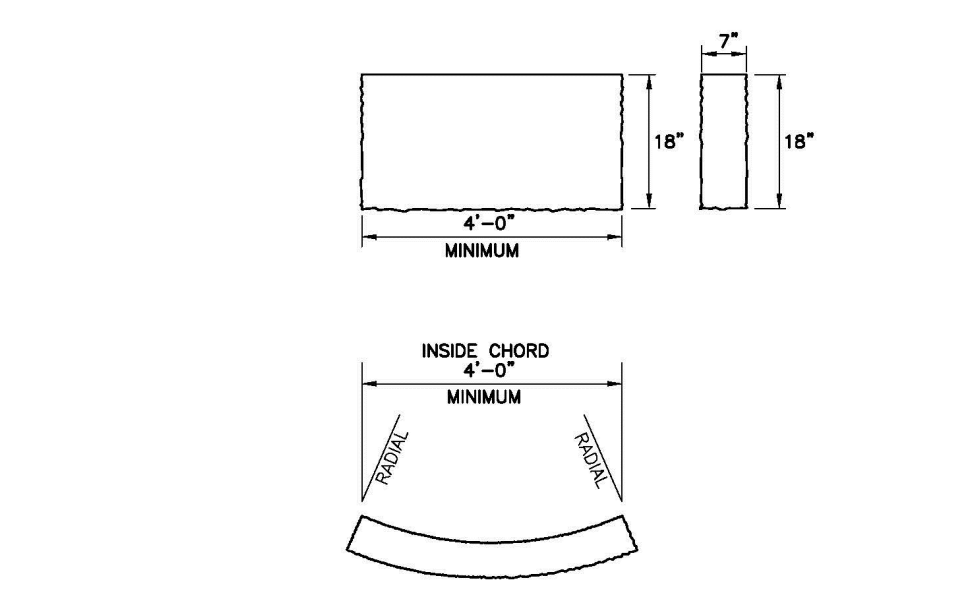
90°
2'-0" RADIUS
1'-6"
GUTTER LINE

NOTE:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER TO BE QUARRY SPLIT OR SAWCUT.

GRANITE 2'-0" RADIUS CURB RETURN
N.T.S.

7.3.4 P
PROVIDENCE STANDARD

ISSUE DATE: 1/6/17



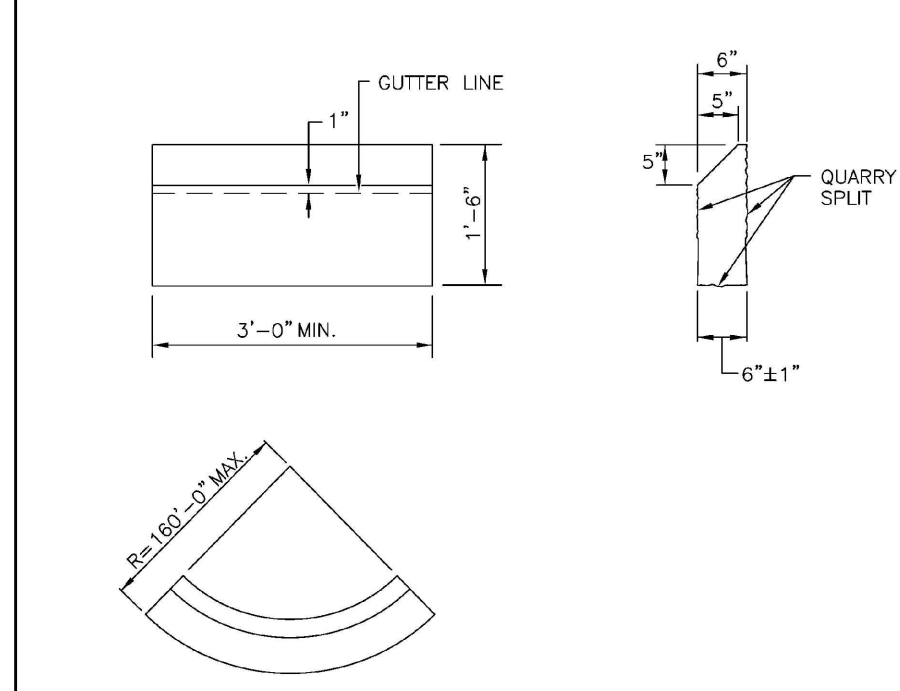
4'-0" MINIMUM
18"
18"
INSIDE CHORD
4'-0" MINIMUM
RAMP

NOTE:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. TOP SURFACE TO BE DRESSED BY SAW TO PROVIDE NO-SLIP SURFACE; REMAINDER MAY BE QUARRY SPLIT.
3. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR CURB FILLER PIECES TO BE 4'-0".
4. CIRCULAR RAMP STONE IS REQUIRED ON CURVES AS INDICATED. STRAIGHT RAMP STONE TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.
5. RAMP STONE SHALL BE SET IN ACCORDANCE WITH PROVIDENCE CURB SETTING STANDARD.

GRANITE RAMP STONE
N.T.S.

7.3.8 P
PROVIDENCE STANDARD

ISSUE DATE: 1/6/17



GUTTER LINE
1"
1'-6"
3'-0" MIN.

6"
5"
5"
6"x1"

QUARRY SPLIT

NOTE:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. TOP SURFACE AND SLOPED SURFACE TO BE DRESSED BY SAW. REMAINDER TO BE QUARRY SPLIT.
3. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR PIECES TO BE 3'-0".
4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADI OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.

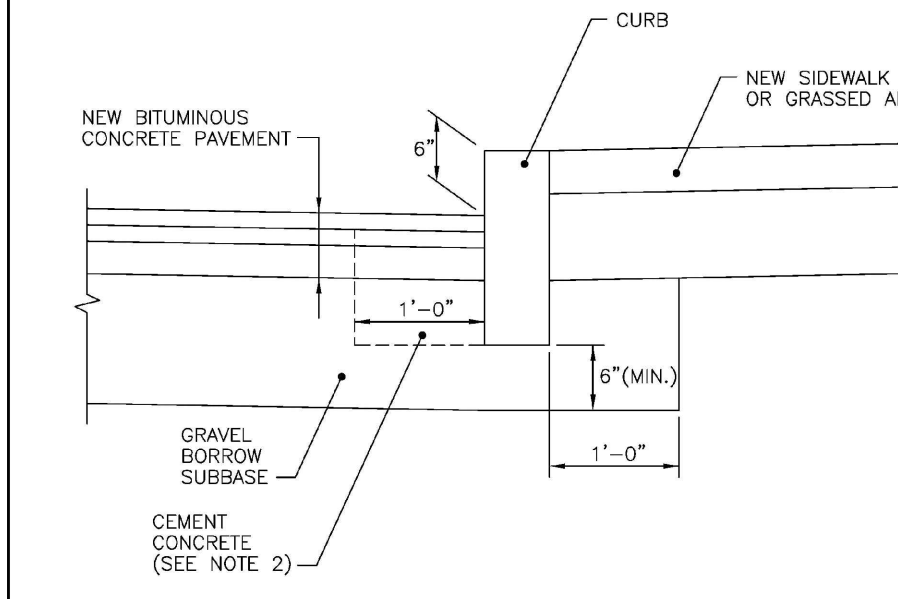
CIRCULAR CURB

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

GRANITE SLOPED FACE CURB
N.T.S.

7.4.0 P
PROVIDENCE STANDARD

ISSUE DATE: 1/6/17



CURB
NEW SIDEWALK OR GRASSSED AREA
NEW BITUMINOUS CONCRETE PAVEMENT
GRAVEL BOTTOM SUBBASE
CEMENT CONCRETE (SEE NOTE 2)

6"
1'-0"
8" (MIN.)
1'-0"

NOTE:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. CEMENT CONCRETE SHALL BE USED ONLY WHEN THE CURB IS SET AFTER THE BASE AND/OR BINDER COURSES ARE IN PLACE. OTHERWISE THE CEMENT CONCRETE WILL BE ELIMINATED AND THE GRAVEL BROUGHT UP TO BOTTOM OF THE BASE COURSE.

GRANITE WHEELCHAIR RAMP TRANSITION CURB SETTING DETAIL
N.T.S.

7.6.0 P
PROVIDENCE STANDARD

ISSUE DATE: 1/6/17

ADDENDUM NO.1



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114 SMITHFIELD AVENUE
PAWTUCKET, RHODE ISLAND 02880



CITY OF CENTRAL FALLS

DESIGNED BY: RAC/ CD
CHECKED BY: RWC
DATE: 08/20/2021
SHEET: 20
OF: 21

SCALE: NO SCALE

REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY
1	9/1/21	CD			

INFRASTRUCTURE AND STREETScape IMPROVEMENTS
SYLVIAN STREET
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CENTRAL FALLS
RHODE ISLAND

DETAILS 1