

SOUTH DIVISION STREET ROAD IMPROVEMENTS PROJECT

WEST FIFTH STREET TO WEST KING STREET CARSON CITY, NEVADA - SECTION 17, T15N, R20E PROJECT ST0005

BOARD OF SUPERVISORS

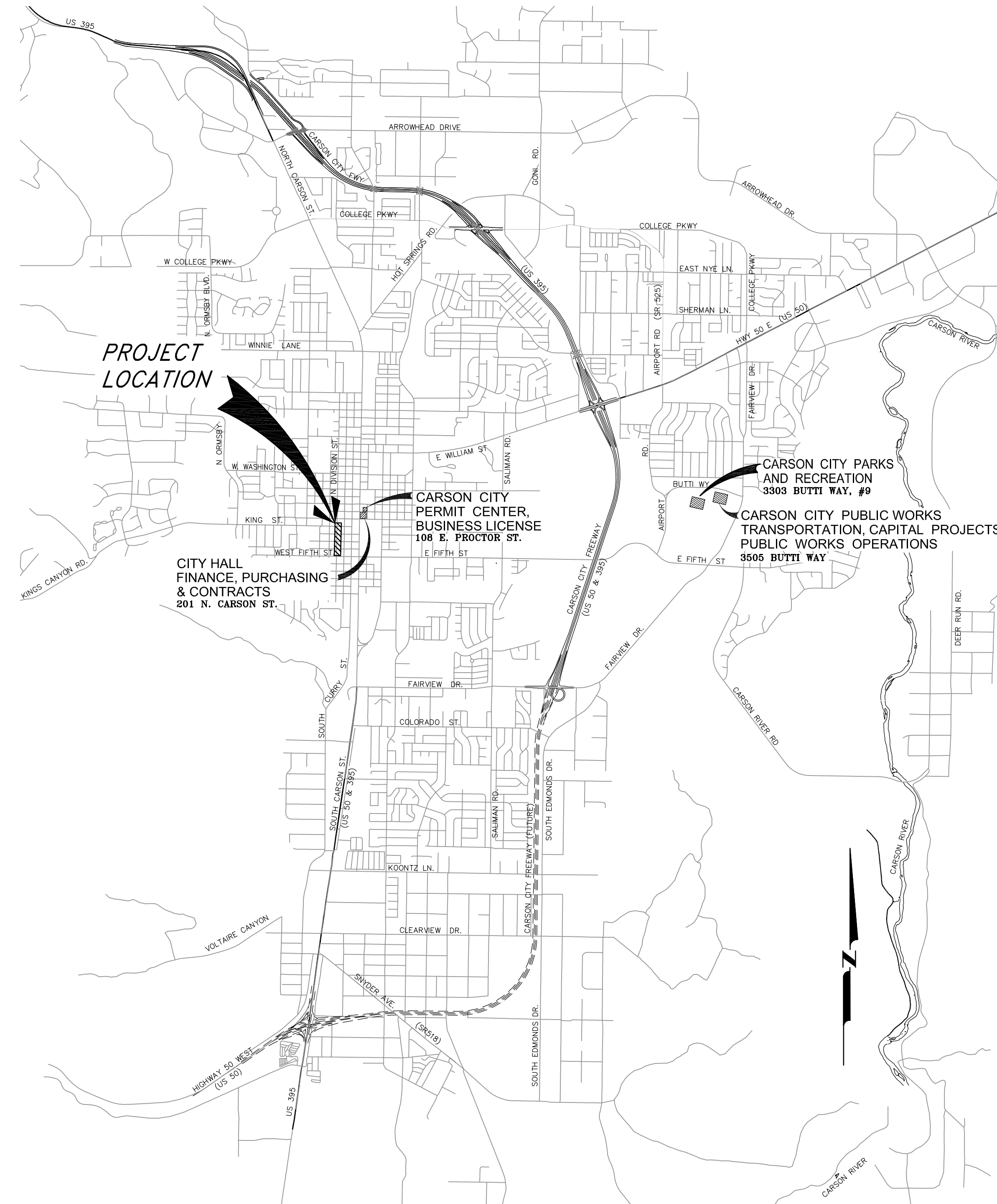
Robert L. Crowell	Mayor
Brad Bonkowski	Supervisor
Karen Abowd	Supervisor
Lori Bagwell	Supervisor
Jim Shirk	Supervisor
Sue Merriwether	City Clerk

DESIGNED FOR:

CARSON CITY PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY
CARSON CITY, NV 89701
(775) 887-2355

GENERAL NOTES:

- ALL WORK SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (SSPWC) AND THE "STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION" (SDPWC) AS ADOPTED BY CARSON CITY. THE CONTRACTOR SHALL OBTAIN A PERMIT FOR PUBLIC WORKS CONSTRUCTION FROM THE CARSON CITY PERMIT CENTER PRIOR TO THE START OF CONSTRUCTION.
- ALL TRAFFIC CONTROL AND BARRICADING WITHIN THE CARSON CITY RIGHT-OF-WAY SHALL CONFORM TO SECTION 100.33, 332.04 AND 332.05 OF THE STANDARD SPECIFICATIONS, PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND THE UNR T2 CENTER, TEMPORARY TRAFFIC CONTROL GUIDELINES LATEST EDITION. A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CARSON CITY ENGINEERING DIVISION PRIOR TO ANY STREET CLOSURES.
- THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT "CALL BEFORE YOU DIG" (811) OR (1-800-227-2600) AT LEAST TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION AND COMPLY WITH THE REQUIREMENTS OF NRS AND NAC 455 THROUGHOUT THE COURSE OF THE WORK, SEWER SERVICE LATERALS ARE NOT OWNED OR MARKED BY CARSON CITY.
- THE CONTRACTOR SHALL CALL THE CARSON CITY ENGINEERING DIVISION (887-2300) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL ONE (1) WORKING DAY PRIOR TO REQUIRED INSPECTIONS AND TESTING. THE REQUIRED INSPECTIONS AND TESTING ARE LISTED ON THE INSPECTION RECORD ISSUED WITH EACH PERMIT. THE CONTRACTOR MUST HAVE THE PERMIT NUMBER AND THE DESCRIPTION LISTED ON THE INSPECTION RECORD TO SCHEDULE REQUIRED INSPECTIONS AND TESTING. FOR CITY CONTRACTED PROJECTS, THE CONTRACTOR SHALL SCHEDULE INSPECTIONS PER THE CONTRACT DOCUMENTS.
- FINAL INSPECTIONS WILL BE PERFORMED BY CARSON CITY ENGINEERING DIVISION ACCORDING TO THE CARSON CITY INSPECTIONS AND TESTING PROCEDURES. NOTE: THESE PROCEDURES REQUIRE SUBMITTAL OF RECORD DRAWING PRINTS BY THE CONTRACTOR AND 10 WORKING DAYS TO PREPARE A FINAL PUNCH LIST. ALL CONDITIONS OF THE FINAL INSPECTION MUST BE COMPLETED PRIOR TO FINAL ACCEPTANCE OR ANY APPROVAL OF A CERTIFICATE OF OCCUPANCY BY THE CARSON CITY ENGINEERING DIVISION.
- MODIFICATIONS TO THE APPROVED PLANS REQUIRES REVIEW AND APPROVAL BY THE CARSON CITY ENGINEERING DIVISION. WORK PERFORMED WITHOUT WRITTEN APPROVAL BY CARSON CITY ENGINEERING WILL REQUIRE REMOVAL AT THE CONTRACTORS EXPENSE.
- THE APPROVED PLAN, PERMIT AND INSPECTION RECORD MUST BE ON THE JOB SITE AT ALL TIMES.
- PLAN APPROVAL FOR SEWER AND WATER CONSTRUCTION SHALL EXPIRE ONE YEAR FROM DATE OF APPROVAL UNLESS CONSTRUCTION HAS BEEN INITIATED. (CCMC 12.06.180F, 12.01.140D)
- THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR ACQUIRING A STORMWATER DISCHARGE PERMIT FROM THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP) INCLUDING DEVELOPING, SUBMITTING AND IMPLEMENTING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL DEVELOP, PLACE AND MAINTAIN STORM WATER PROTECTION DEVICES IN COMPLIANCE WITH THE NEVADA CONTRACTORS FIELD GUIDE FOR CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (JUNE 2008).
- THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS IS BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THESE LOCATIONS AT THE PROPOSED POINTS OF CONNECTIONS AND IN AREAS OF POSSIBLE CONFLICT WITH NEW UTILITY INSTALLATION, PRIOR TO BEGINNING CONSTRUCTION. POT-HOLING IS REQUIRED. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES BETWEEN THE CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
- THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF PROPER SHORING OF TRENCHES IN ACCORDANCE WITH OCCUPATIONAL SAFETY LAWS. THE DUTIES OF THE ENGINEER DO NOT INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY IN, ON, OR NEAR THE CONSTRUCTION SITE.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- ALL PVC WATER PIPELINES ARE TO BE DISINFECTED ACCORDING TO AWWA STANDARD C651 PER NAC 445A.67145 (b)(o) AND PRESSURE TESTED ACCORDING TO AWWA STANDARD C605 PER NAC 445A.67145 (7)(b).



VICINITY MAP
N.T.S.

SHEET INDEX

- | | |
|------|---|
| G1 | TITLE SHEET |
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| G3 | HORIZONTAL & VERTICAL CONTROL PLAN |
| C1 | DEMOLITION PLAN |
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| C3 | PLAN & PROFILE: STA 10+00 TO 15+25 |
| C4 | PLAN & PROFILE: STA 15+25 TO 20+20 |
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| C6 | ENLARGED CURB RAMP DETAILS, W SECOND ST & W KING ST |
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| C8-9 | CONSTRUCTION DETAILS |
| C10 | SIGNING & STRIPING PLANS |
| C11 | SIGNING & STRIPING DETAILS |

REVIEWED FOR CITY REQUIREMENTS:

DARREN SCHULZ, P.E. - PUBLIC WORKS DIRECTOR

DATE



CARSON CITY PUBLIC WORKS DEPARTMENT	DESIGNED BY: DSA/DLO DRAWN BY: DLO CHECKED BY: DSA/DLR DWG NO.: <i>revision at 15.mg</i> SCALE (HORIZ): 1"=20' SCALE (VERT): N/A PLOT DATE: 8/3/15
CARSON CITY PUBLIC WORKS DEPARTMENT	3505 BUTTI WAY CARSON CITY, NEVADA 89701 PH: 887-2355 FAX: 887-2112
	DATE: 8-3-2015
BY: APP'D	
DESCRIPTION	
REV. DATE	
SOUTH DIVISION STREET ROAD IMPROVEMENTS PROJECT PROJECT No. ST0005	TITLE SHEET
SHEET G1 OF 14	PERMIT NO. <u>XX-XXXX</u>

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LEGEND

Table with columns for EXISTING and PROPOSED symbols and descriptions for various infrastructure elements like bench marks, water valves, lines, manholes, etc.

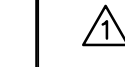
ABBREVIATIONS

Table listing abbreviations and their corresponding full names for materials and construction terms like AC, BP, CONC, DI, DIA, DWG, etc.

CONSTRUCTION NOTES (MASTER LIST)

- Numbered list of 26 construction notes providing detailed instructions for site preparation, grading, and infrastructure installation.

- Notes 1 through 7 providing specific details for concrete placement, reinforcement, and joint construction.



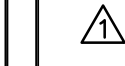
- Note 8 with an exception regarding pavement edge placement relative to gutters.

Table with columns for NO., REVISION, DATE, STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION, SECTION CARSON CITY, DRAWING NO., DATE. Includes title 'SIDEWALK AND DRIVEWAY GENERAL NOTES'.

- Notes 1 through 12 providing general requirements for manholes, marking tape, concrete strength, and storm drain construction.

Table with columns for NO., REVISION, DATE, STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION, SECTION CARSON CITY, DRAWING NO., DATE. Includes title 'STORM DRAIN GENERAL NOTES'.

- Notes 1 through 11 providing general requirements for concrete placement, reinforcement, and joint construction.

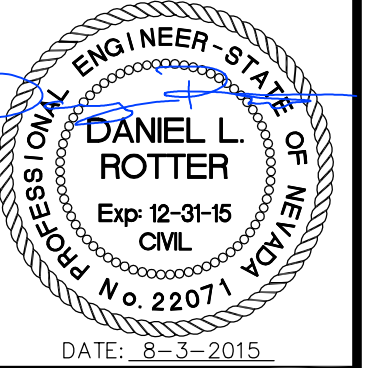


- Note 11 with an exception regarding pavement edge placement relative to gutters.

Table with columns for NO., REVISION, DATE, STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION, SECTION CARSON CITY, DRAWING NO., DATE. Includes title 'CURB RAMP GENERAL NOTES'.

Table with columns for DESIGNED BY, DRAWN BY, CHECKED BY, DWG NO., SCALE, SCALE (HORIZ), SCALE (VERT), PLOT DATE.

CARSON CITY PUBLIC WORKS DEPARTMENT



BY APP'D

DESCRIPTION

REV. DATE

SOUTH DIVISION STREET ROAD IMPROVEMENTS PROJECT PROJECT No. ST0005

LEGEND, ABBREVIATIONS & NOTES

SHEET G2 OF 14

HORIZONTAL & VERTICAL CONTROL POINT DATA				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
26	14737165.80	2287901.34	4713.24	CC026
58	14733751.16	2285650.56	4807.74	CC058
82	14735853.24	2289811.00	4677.12	CC082
88	14733297.24	2288569.24	4665.68	CC088

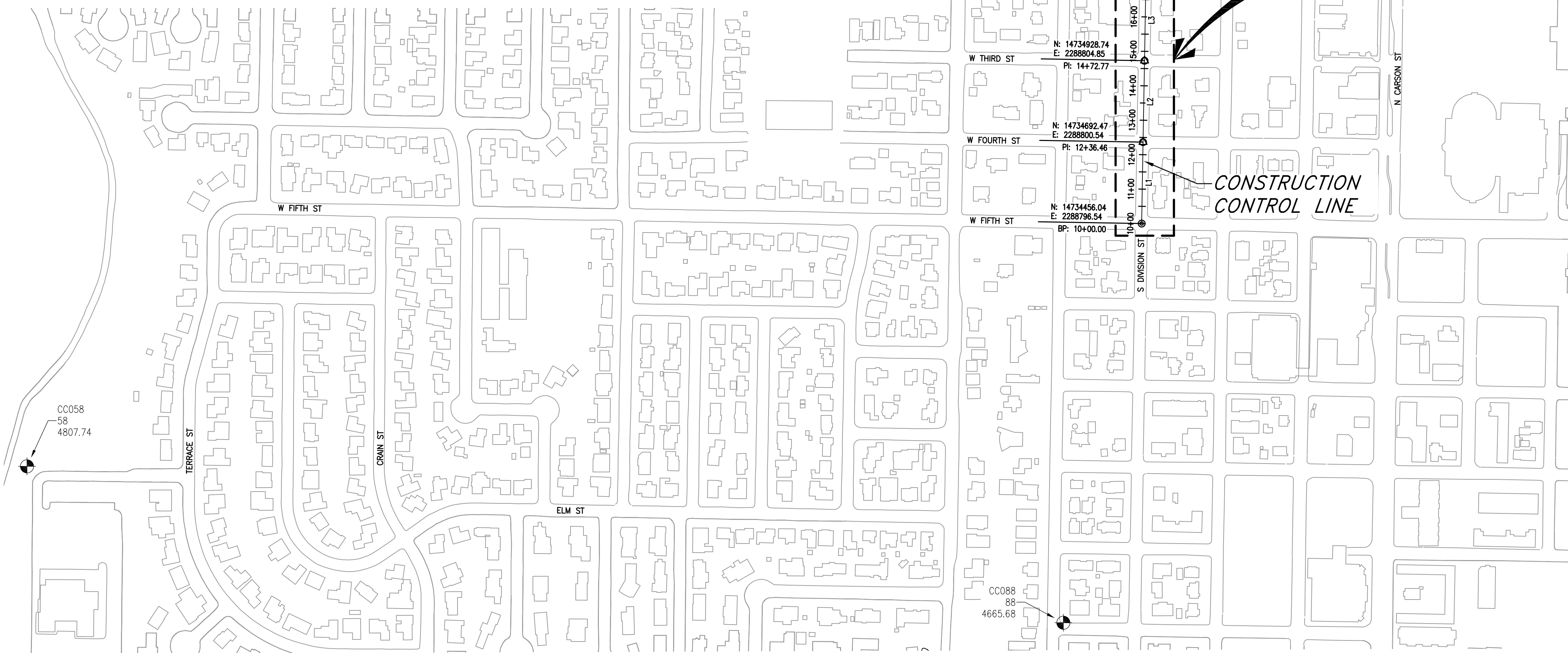
CONSTRUCTION CONTROL LINE		
Number	Length	Bearing
L1	236.46	N0° 58' 06.08"E
L2	236.31	N1° 02' 46.57"E
L3	236.47	N0° 57' 43.70"E
L4	243.04	N1° 06' 06.83"E
L5	107.71	N1° 20' 30.66"E

BASIS OF BEARING

NORTH AMERICAN DATUM OF 1983 AS BASED ON FEDERAL BASE NETWORK/COOPERATIVE BASE NETWORK OBSERVATIONS IN 1994 (AKA NAD83-94), NEVADA STATE PLANE WEST ZONE AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS MADE BETWEEN FEBRUARY 2-12, 2010 WITH CORRECTIONS TRANSMITTED BY THE REGIONAL BASE NETWORK CONTINUOUSLY OPERATING REFERENCE STATION (CORS) DOT1. GROUND COORDINATES HEREON REFLECT GRID COORDINATES MULTIPLIED BY A COMBINED GRID TO GROUND FACTOR OF 1.0002 (AKA CARSON CITY MODIFIED).

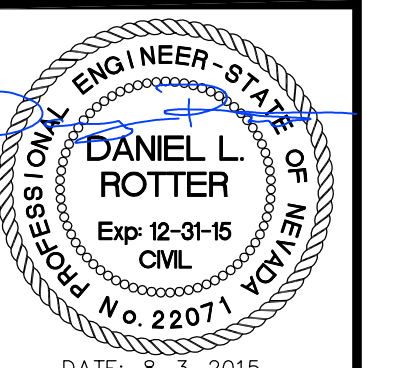
BASIS OF ELEVATION

BASIS OF ELEVATION FOR THIS PROJECT IS CARSON CITY SURVEY CONTROL MONUMENT CC082, WHICH IS A 2" BRASS DISK STAMPED "CC082 2010" LOCATED IN AT THE NORTH RETURN OF THE SOUTHEAST CORNER OF THE INTERSECTION OF EAST PROCTOR STREET AND NORTH PLAZA STREET.



DESIGNED BY: DSA/DLO
 DRAWN BY: DLO
 CHECKED BY: DSA/DLR
 DWG NO.: *addition at 10.am*
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): N/A
 PLOT DATE: 8/3/15

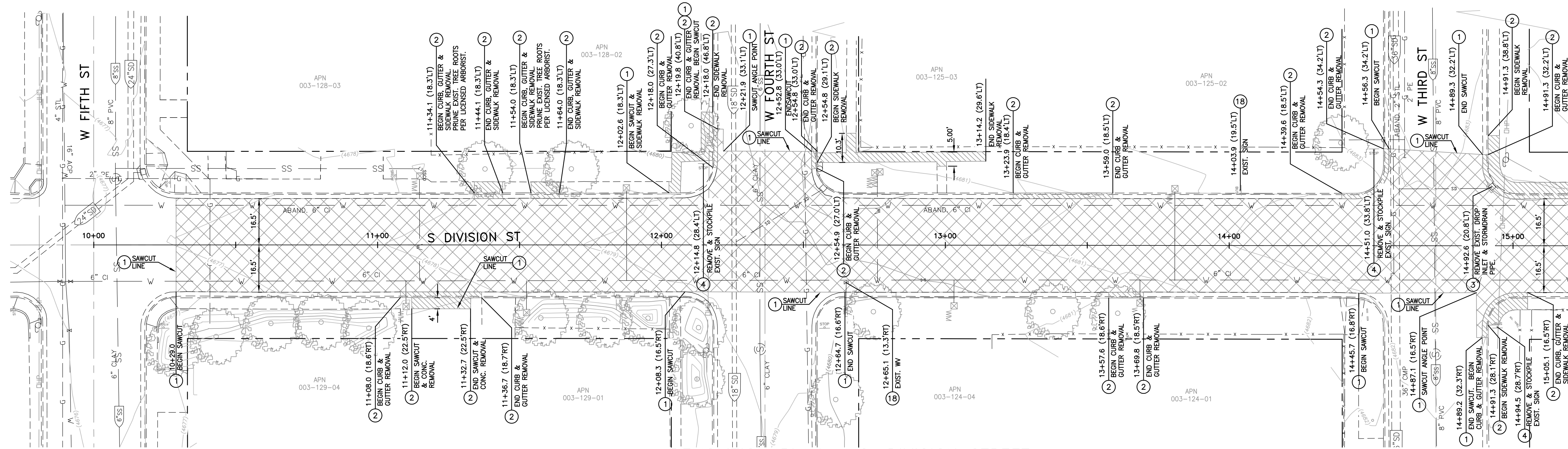
**CARSON CITY
 PUBLIC WORKS DEPARTMENT**
 3505 BUTTI WAY CARSON CITY, NEVADA 89701
 PH: 887-2355 FAX: 887-2112



REV.	DATE	DESCRIPTION	BY	APP'D

**SOUTH DIVISION STREET
 ROAD IMPROVEMENTS PROJECT
 PROJECT No. ST0005**
HORIZONTAL & VERTICAL CONTROL

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DEMOLITION PLAN - S. DIVISION STREET

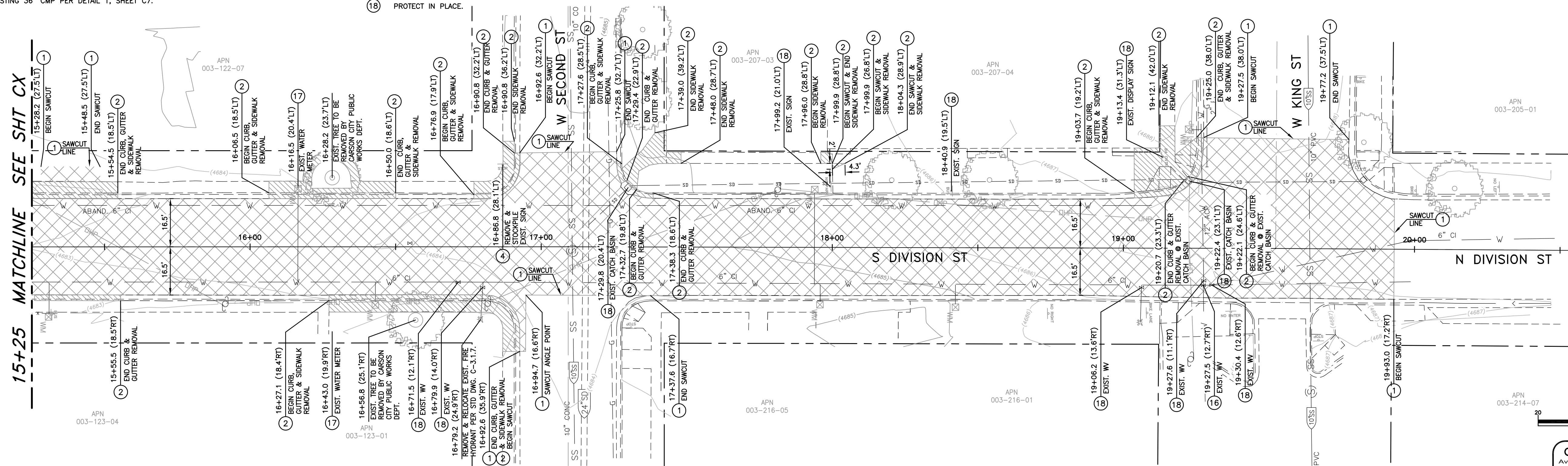
SCALE: 1" = 20' HORIZ.

CONSTRUCTION NOTES

- 1 FULL-DEPTH SAWCUT AND PULVERIZE EXISTING ASPHALT TO A DEPTH THAT PROVIDES A RESULTANT 8" MINIMUM BASE SECTION. UPPER PORTION OF PULVERIZED MATERIAL SHALL BE REMOVED AS NECESSARY TO ALLOW FOR GRADING AS SHOWN ON SHEETS C3 AND C4.
- 2 FULL-DEPTH SAWCUT OR UTILIZE EXISTING EXPANSION/ISOLATION JOINT TO SEPARATE AND REMOVE EXISTING CONCRETE.
- 3 DEMO AND REMOVE EXISTING DROP INLET. REMOVE AND CAP EXISTING STORM DRAIN PIPE AT EXISTING 36" CMP PER DETAIL 1, SHEET C7.
- 4 REMOVE AND STOCKPILE EXISTING SIGN(S). DEMO AND REMOVE FOOTING.
- 16 ADJUST EXISTING UTILITY FRAME AND COVER TO NEW FINISHED GRADE PER STD. DRAWINGS C-2.1.5 AND C-3.1.4.
- 17 RELOCATE EXISTING WATER METER BEHIND NEW SIDEWALK. REPLACE ENCLOSURE WITH CHRISTY 1419 BOX OR APPROVED EQUAL. INSTALL NEW ENCLOSURE, NEW BALL VALVE, EXISTING METER, NEW YOKE AND NEW CHECK VALVE PER DETAIL 1, SHEET C8.
- 18 PROTECT IN PLACE.

LEGEND

- EXISTING ASPHALT TO BE PULVERIZED AND USED AS BASE
- EXISTING CONCRETE TO BE REMOVED



DEMOLITION PLAN - S. DIVISION STREET

SCALE: 1" = 20' HORIZ.

Call before you Dig
Avoid cutting underground utility lines. It's costly.

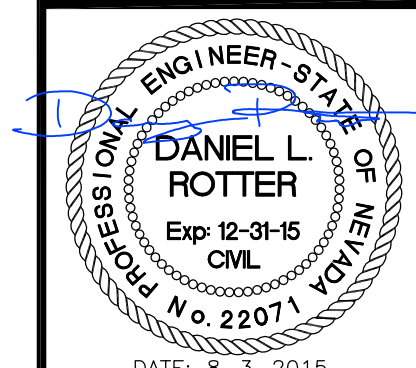
OR
1-800-227-2600

SCALE
HORIZ: 1" = 20'

**SOUTH DIVISION STREET
ROAD IMPROVEMENTS PROJECT
PROJECT NO. ST0005**

**S. DIVISION STREET
DEMOLITION PLAN**

REV.	DATE	DESCRIPTION	BY	APP'D



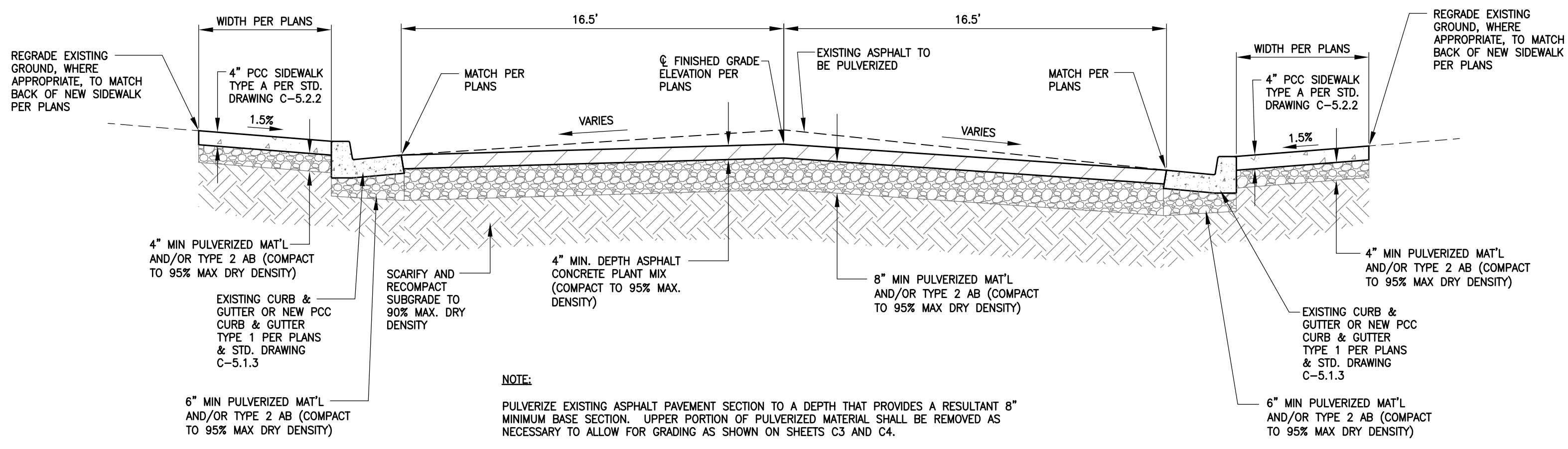
**CARSON CITY
PUBLIC WORKS DEPARTMENT**

3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

DESIGNED BY: DSA/DLO
DRAWN BY: DLO
CHECKED BY: DSA/DLR
DWG NO.: division st.dwg
SCALE (HORIZ): 1"=20'
SCALE (VERT): N/A
PLOT DATE: 8/3/15

SHEET
C1
OF
14

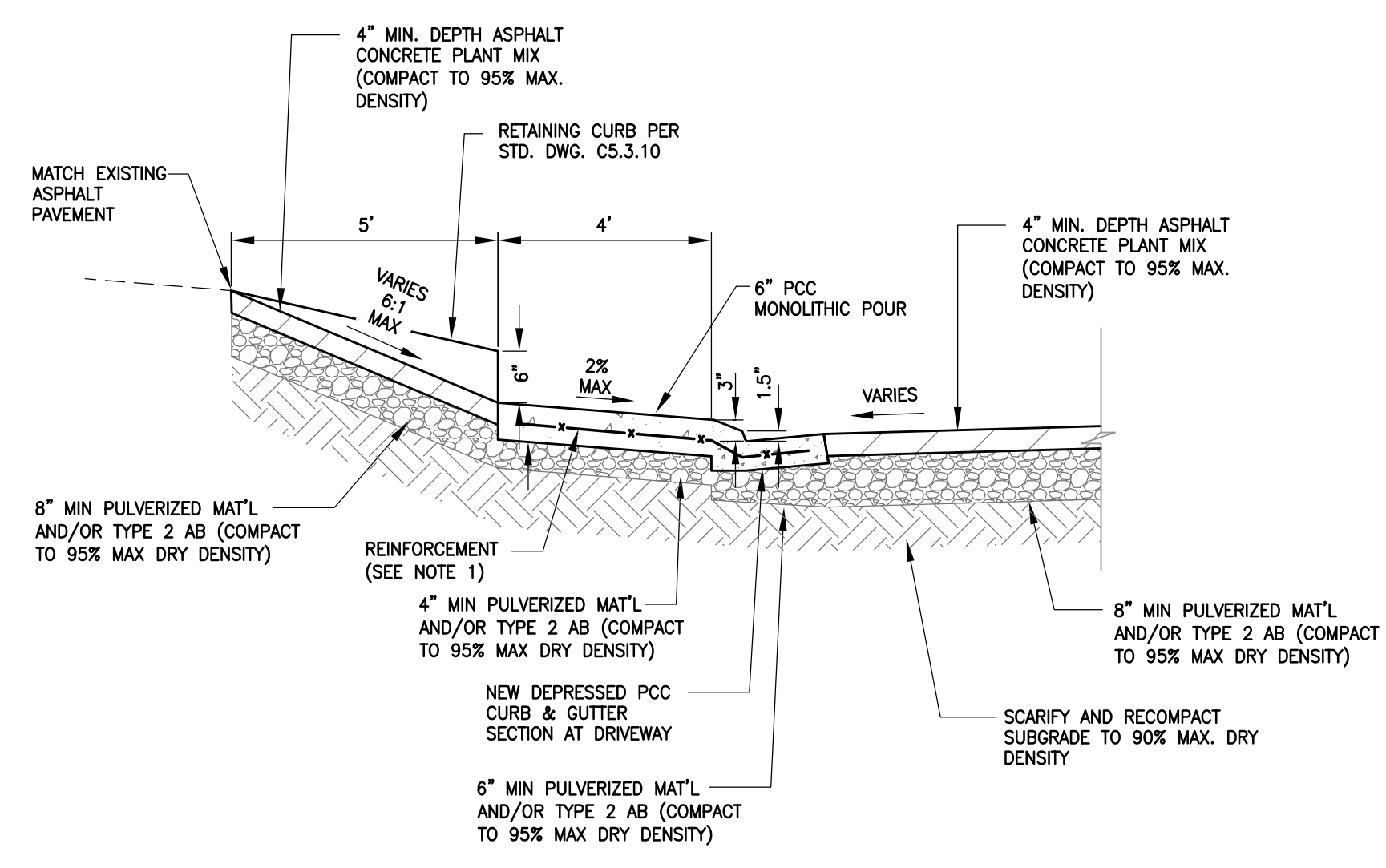
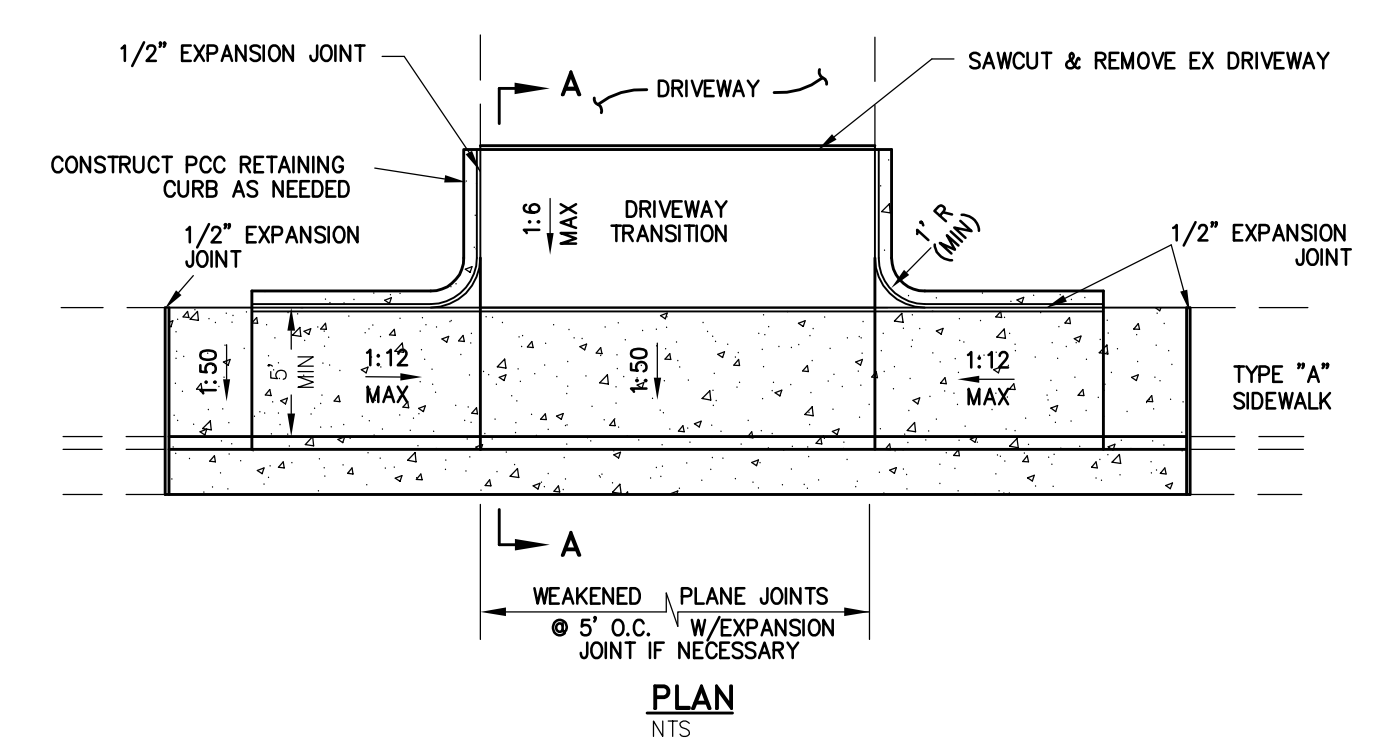
15+25 MATCHLINE SEE BELOW LEFT



S. DIVISION STREET PAVING SECTION

NOT TO SCALE

A



- NOTES:**
1. COMMERCIAL DRIVEWAYS TO HAVE 6 INCH X 6 INCH 10/10 WIRE MESH EXTENDED INTO GUTTER PAN UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
 2. DRIVEWAY LANDING, SIDEWALK, CURB & GUTTER TO BE MONOLITHIC POUR TO A.C. LINE.
 3. DRIVEWAY APRONS SHALL BE CONSTRUCTED IN COMPLIANCE WITH STANDARD DETAILS C-5.1.1 AND C-5.2.1.

DRIVEWAY APRON SECTION

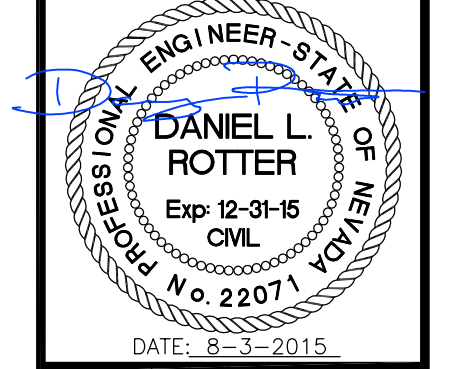
NOT TO SCALE

B

DESIGNED BY: DSA/DLO
 DRAWN BY: DLO
 CHECKED BY: DSA/DLR
 DWG NO.: division st div.dwg
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): N/A
 PLOT DATE: 8/3/15

CARSON CITY PUBLIC WORKS DEPARTMENT

3505 BUTTI WAY CARSON CITY, NEVADA 89701
 PH: 887-2355 FAX: 887-2112

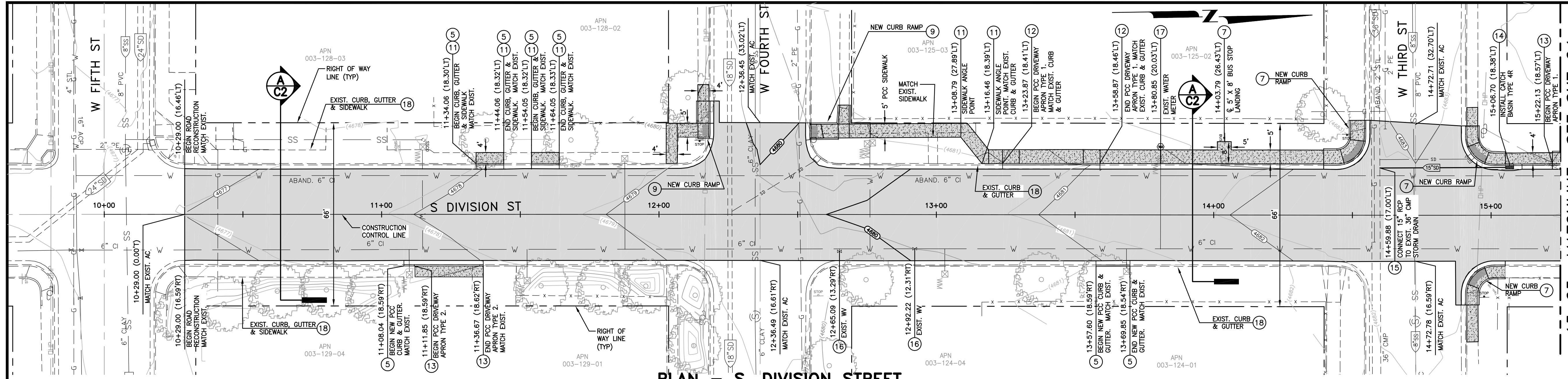


REV.	DATE	DESCRIPTION	BY	APP'D

SOUTH DIVISION STREET ROAD IMPROVEMENTS PROJECT PROJECT No. ST0005

S. DIVISION STREET TYPICAL PAVING SECTION

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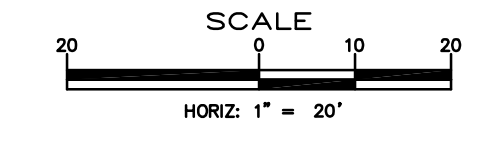


PLAN - S. DIVISION STREET

SCALE: 1" = 20' HORIZ.
 REFERENCE SHEETS C5 & C6 FOR ENLARGED CURB RAMP DETAILS

CONSTRUCTION NOTES

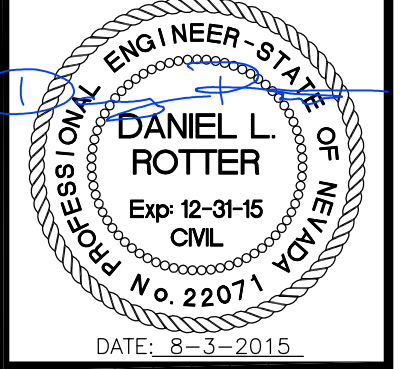
- 5 CONSTRUCT PCC CURB AND GUTTER TYPE 1 PER STD DRAWING C-5.1.3.
- 7 CONSTRUCT PARALLEL CURB RAMP APEX PER STD. DRAWING C-5.3.5 AND DETAIL 2, SHEET SHEET C5 AND DETAILS 1 AND 2, SHEET C6.
- 9 CONSTRUCT LINEAR CURB RAMP OFFSET PER STD. DRAWING C-5.3.7 AND DETAIL 1, SHEET C5 AND DETAIL 2, SHEET C6.
- 11 CONSTRUCT TYPE "A" SIDEWALK PER STD. DRAWING C-5.2.2 (WIDTH PER PLAN).
- 12 CONSTRUCT P.C.C. DRIVEWAY APRON TYPE 1 PER STD. DRAWING C-5.2.3.
- 13 CONSTRUCT P.C.C. DRIVEWAY APRON CURB TYPE 2 PER STD. DRAWING C-5.2.4.
- 14 INSTALL CATCH BASIN TYPE 4R PER STD. DRAWING C-4.1.5.
- 15 INSTALL 15" PVC STORM DRAIN PIPE PER STD. DRAWING C-1.2.1.
- 16 ADJUST EXISTING UTILITY FRAME AND COVER TO NEW FINISHED GRADE PER STD. DRAWINGS C-2.1.5 AND C-3.1.4.
- 17 RELOCATE EXISTING WATER METER BEHIND NEW SIDEWALK. REPLACE ENCLOSURE WITH CHRISTY 1419 BOX OR APPROVED EQUAL. INSTALL NEW ENCLOSURE, NEW BALL VALVE, EXISTING METER, NEW YOKE AND NEW CHECK VALVE PER DETAIL 1, SHEET C8.
- 18 PROTECT IN PLACE.



Call before you Dig
 Avoid cutting underground utility lines. It's costly.

Call 811

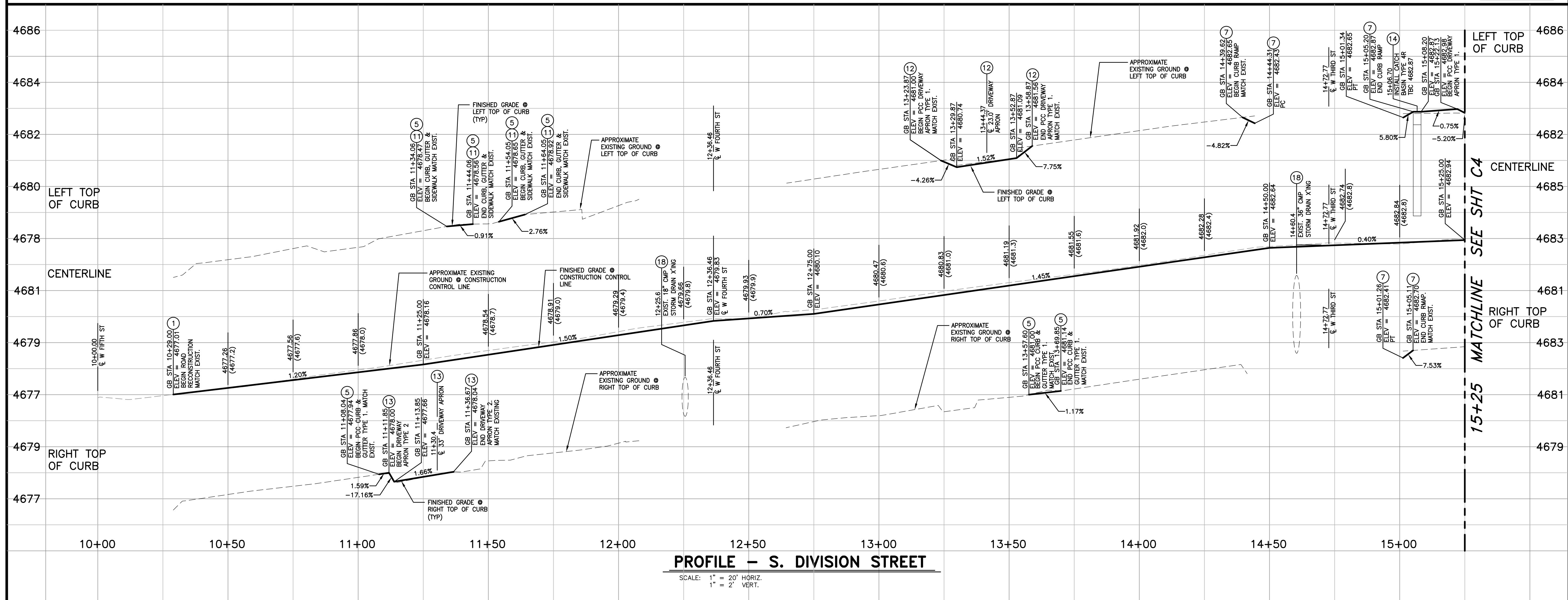
OR
 1-800-227-2600



DESIGNED BY: DSA/DLO
 DRAWN BY: DLO
 CHECKED BY: DSA/DLR
 DWG NO.: DIVISION ST IMPROVEMENTS
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): N/A
 PLOT DATE: 8/3/15

CARSON CITY PUBLIC WORKS DEPARTMENT

3505 BUTTI WAY CARSON CITY, NEVADA 89701
 PH: 887-2355 FAX: 887-2112



PROFILE - S. DIVISION STREET

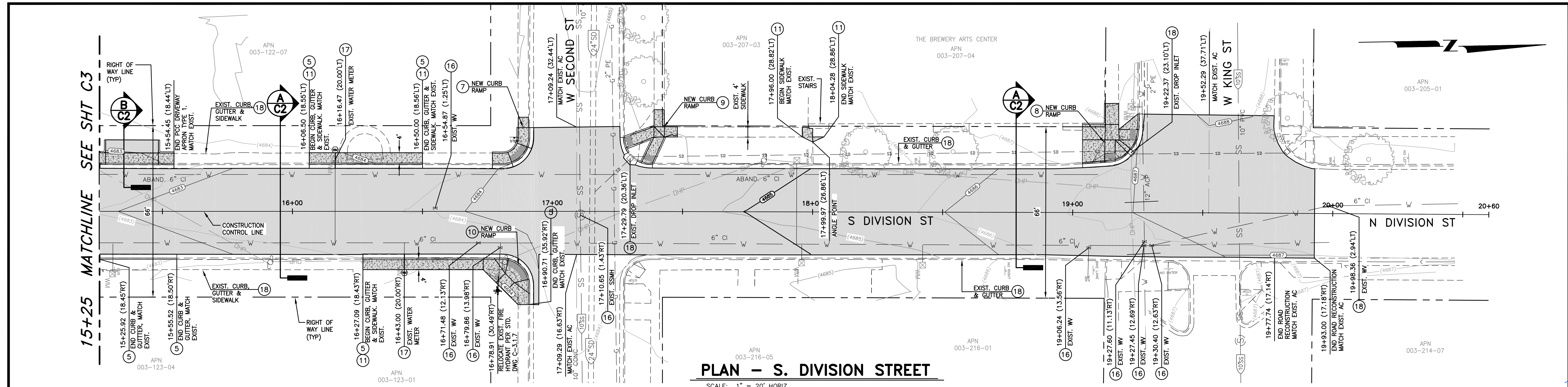
SCALE: 1" = 20' HORIZ.
 1" = 2" VERT.

REV.	DATE	DESCRIPTION	BY	APP'D

SOUTH DIVISION STREET ROAD IMPROVEMENTS PROJECT
 PROJECT NO. ST0005

S. DIVISION STREET PLAN & PROFILE
 STA 10+00 TO STA 15+25

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PLAN - S. DIVISION STREET

SCALE: 1" = 20' HORIZ.
REFERENCE SHEET C6 FOR ENLARGED CURB RAMP DETAILS

CONSTRUCTION NOTES

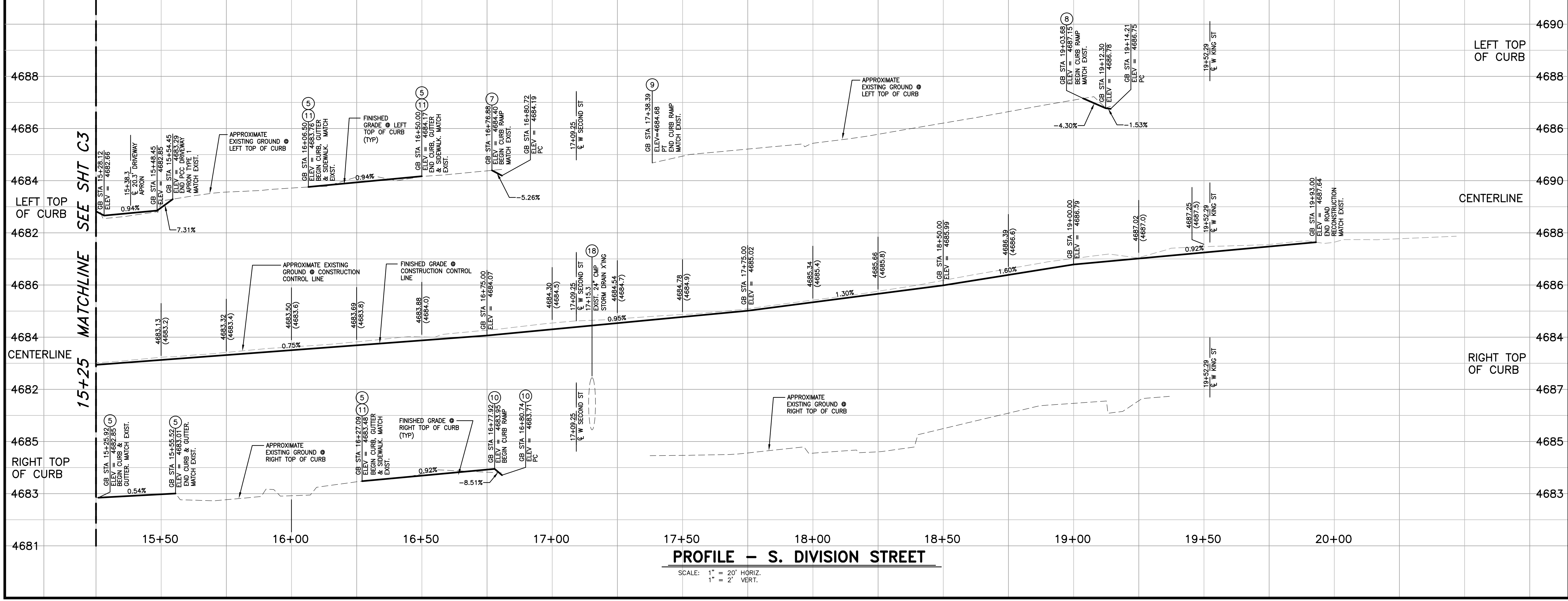
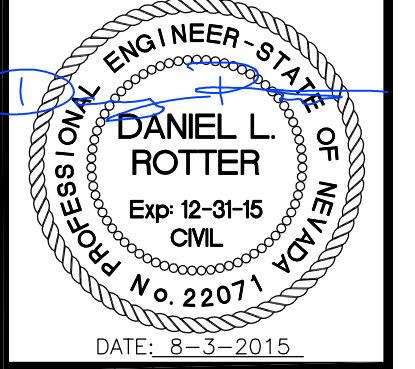
- 5 CONSTRUCT PCC CURB AND GUTTER TYPE 1 PER STD. DRAWING C-5.1.3.
- 7 CONSTRUCT PARALLEL CURB RAMP APEX PER STD. DRAWING C-5.3.5 AND DETAIL 2, SHEET C5 AND DETAILS 1 AND 2, SHEET C6.
- 8 CONSTRUCT PERPENDICULAR CURB RAMP DIRECTIONAL PER STD. DRAWING C-5.3.2 AND DETAIL 4, SHEET C6.
- 9 CONSTRUCT LINEAR CURB RAMP OFFSET PER STD. DRAWING C-5.3.7 AND DETAIL 1, SHEET C5 AND DETAIL 2, SHEET C6.
- 10 CONSTRUCT PERPENDICULAR CURB RAMP APEX PER STD. DRAWING C-5.3.3 AND DETAIL 3, SHEET C6.
- 11 CONSTRUCT TYPE "A" SIDEWALK PER STD. DRAWING C-5.2.2 (WIDTH PER PLAN).
- 12 ADJUST EXISTING UTILITY FRAME AND COVER TO NEW FINISHED GRADE PER STD. DRAWINGS C-2.1.5 AND C-3.1.4.
- 17 RELOCATE EXISTING WATER METER BEHIND NEW SIDEWALK. REPLACE ENCLOSURE WITH CHRISTY 1419 BOX OR APPROVED EQUAL. INSTALL NEW ENCLOSURE, NEW BALL VALVE, EXISTING METER, NEW YOKE AND NEW CHECK VALVE PER DETAIL 1, SHEET C8.
- 18 PROTECT IN PLACE.

Call before you Dig
Avoid cutting underground utility lines. It's costly.

1-800-227-2600

DESIGNED BY: DSA/DLO
DRAWN BY: DLO
CHECKED BY: DSA/DLR
DWG NO.: division st.dwg
SCALE (HORIZ): 1"=20'
SCALE (VERT): N/A
PLOT DATE: 8/3/15

CARSON CITY PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112



PROFILE - S. DIVISION STREET

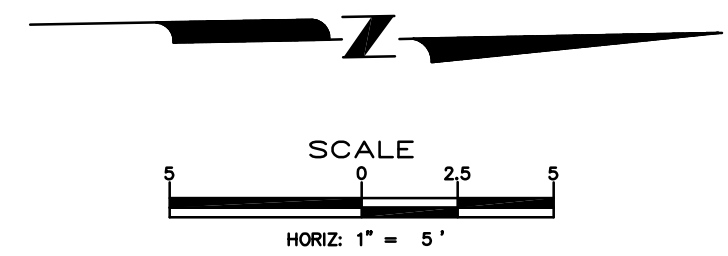
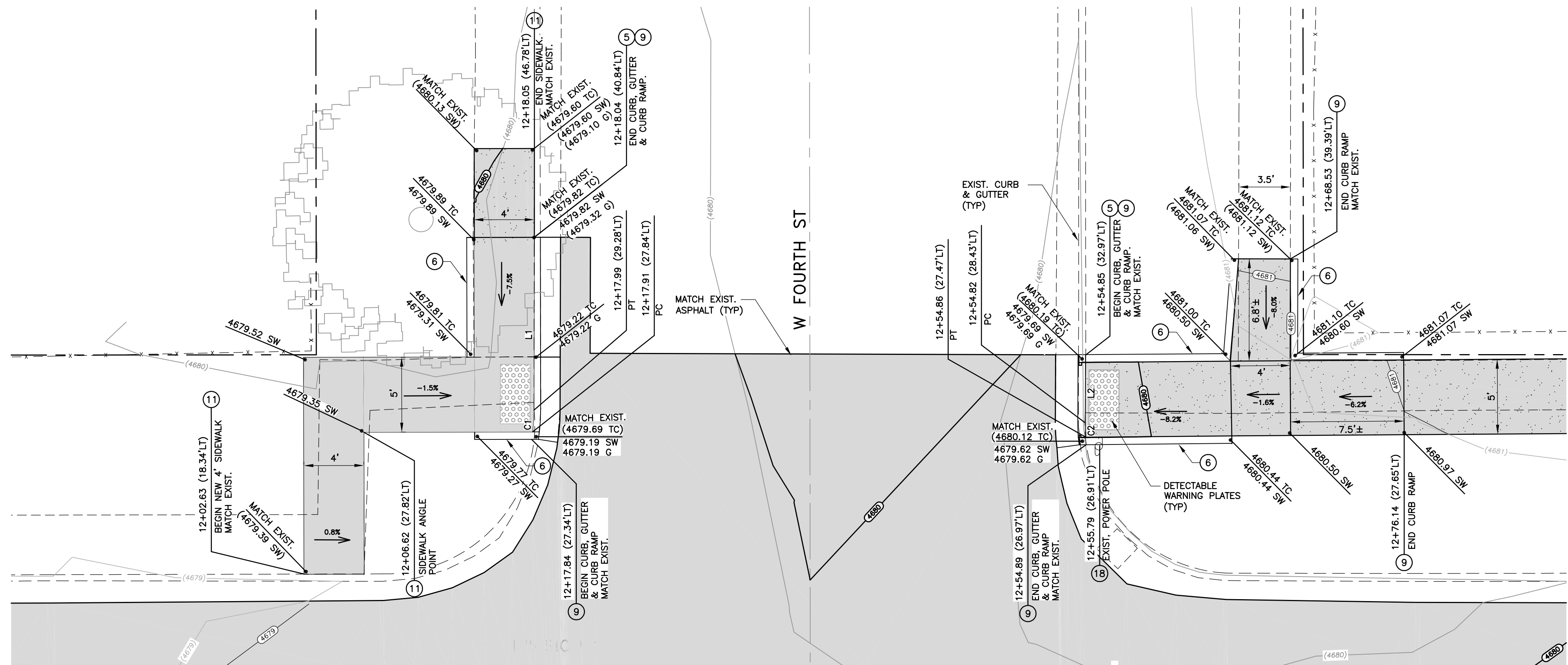
SCALE: 1" = 20' HORIZ.
1" = 2" VERT.

REV.	DATE	DESCRIPTION	BY	APP'D

SOUTH DIVISION STREET ROAD IMPROVEMENTS PROJECT
PROJECT NO. ST0005
S. DIVISION STREET
STA 15+25 TO STA 20+00

SHEET
C4
OF
14

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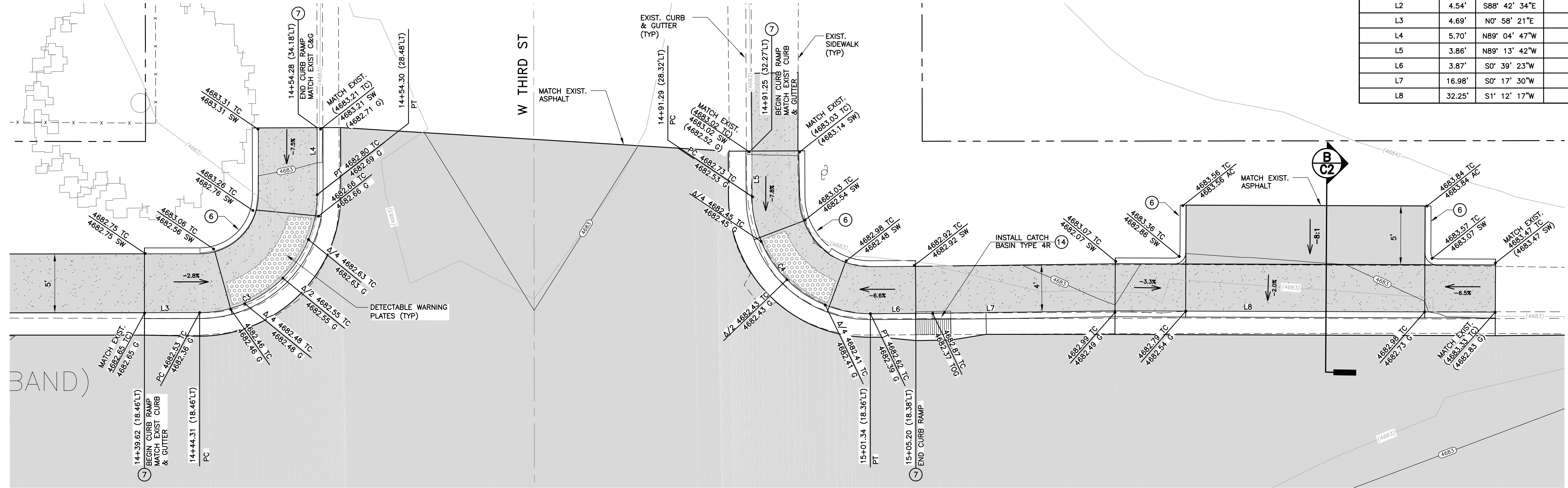


ENLARGED CURB RAMP DETAILS ①
S. DIVISION ST & W. FOURTH ST
 SCALE: 1" = 5'

CONSTRUCTION NOTES

- ③ DEMO AND REMOVE EXISTING DROP INLET. REMOVE AND CAP EXISTING STORM DRAIN PIPE AT EXISTING 36" CMP PER DETAIL 1, SHEET C7.
- ⑤ CONSTRUCT PCC CURB AND GUTTER TYPE 1 PER STD DRAWING C-5.1.3.
- ⑥ CONSTRUCT PCC RETAINING CURB PER STD DRAWING C-5.3.10.
- ⑦ CONSTRUCT PARALLEL CURB RAMP APEX PER STD. DRAWING C-5.3.5 AND DETAIL 2, SHEET SHEET C5 AND DETAILS 1 AND 2, SHEET C6.
- ⑨ CONSTRUCT LINEAR CURB RAMP OFFSET PER STD. DRAWING C-5.3.7 AND DETAIL 1, SHEET C5 AND DETAIL 2, SHEET C6.
- ⑩ CONSTRUCT TYPE "A" SIDEWALK PER STD. DRAWING C-5.2.2 (WIDTH PER PLAN).
- ⑭ INSTALL CATCH BASIN TYPE 4R PER STD. DRAWING C-4.1.5.
- ⑯ PROTECT IN PLACE.

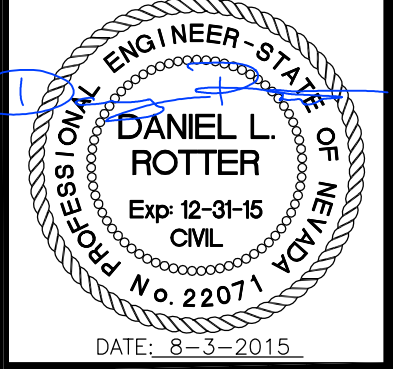
Line & Curve #	Length	Bearing/Delta	Radius	Tangent
C1	1.46'	6°41'01"	12.50'	0.73'
C2	0.97'	5°32'11"	10.00'	0.48'
C3	15.72'	90°03'08"	10.00'	10.01'
C4	15.73'	90°06'55"	10.00'	10.02'
L1	11.55'	S88° 42' 54"E		
L2	4.54'	S88° 42' 34"E		
L3	4.69'	N0° 58' 21"E		
L4	5.70'	N89° 04' 47"W		
L5	3.86'	N89° 13' 42"W		
L6	3.87'	S0° 39' 23"W		
L7	16.98'	S0° 17' 30"W		
L8	32.25'	S1° 12' 17"W		



ENLARGED CURB RAMP DETAILS ②
N. DIVISION ST & W. THIRD ST
 SCALE: 1" = 5'

DESIGNED BY: DSA/DLO
 DRAWN BY: DLO
 CHECKED BY: DSA/DLR
 DWG NO.: division.st.details.dwg
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): N/A
 PLOT DATE: 8/3/15

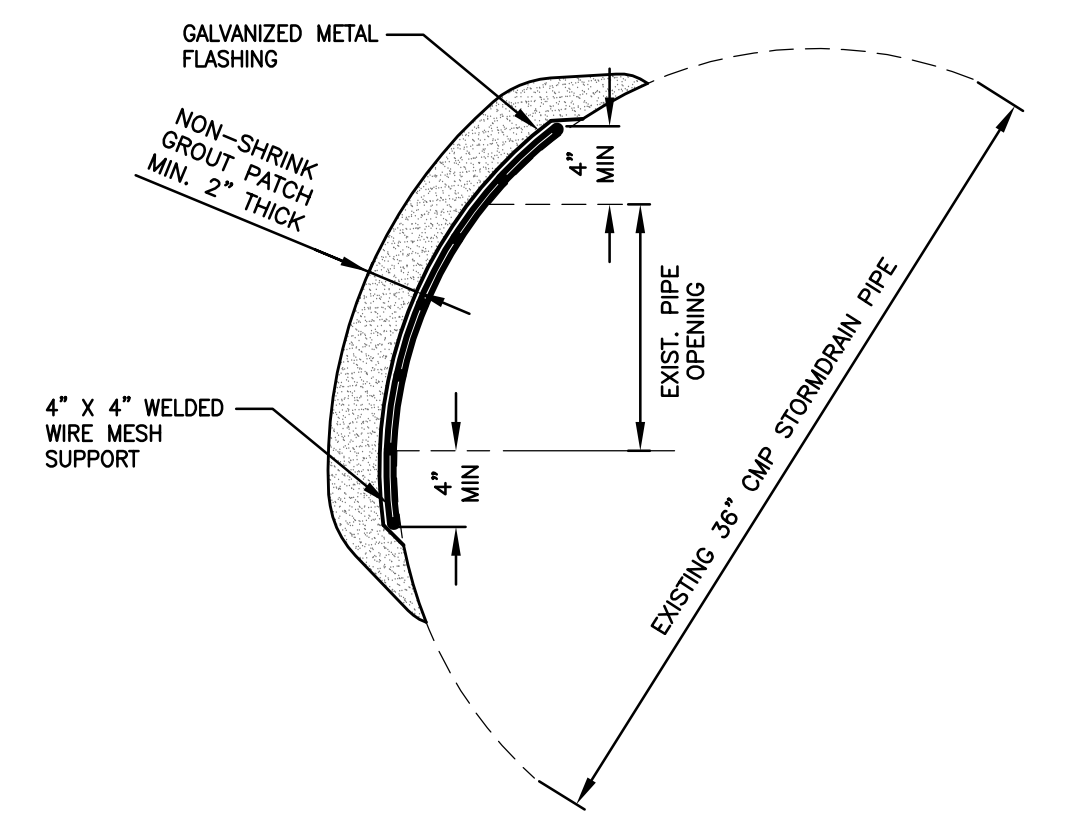
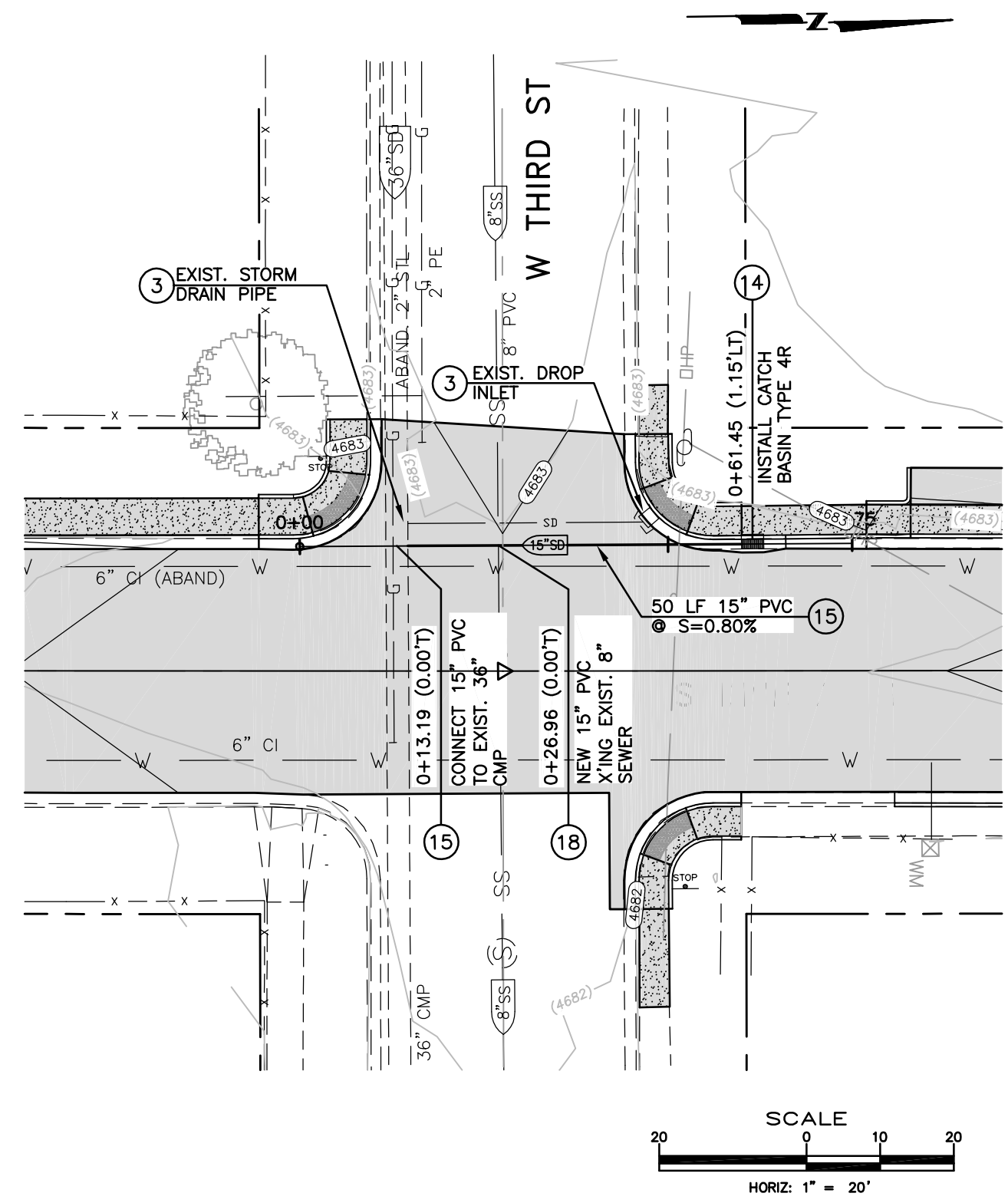
**CARSON CITY
 PUBLIC WORKS DEPARTMENT**
 3505 BUTTI WAY CARSON CITY, NEVADA 89701
 PH: 887-2355 FAX: 887-2112



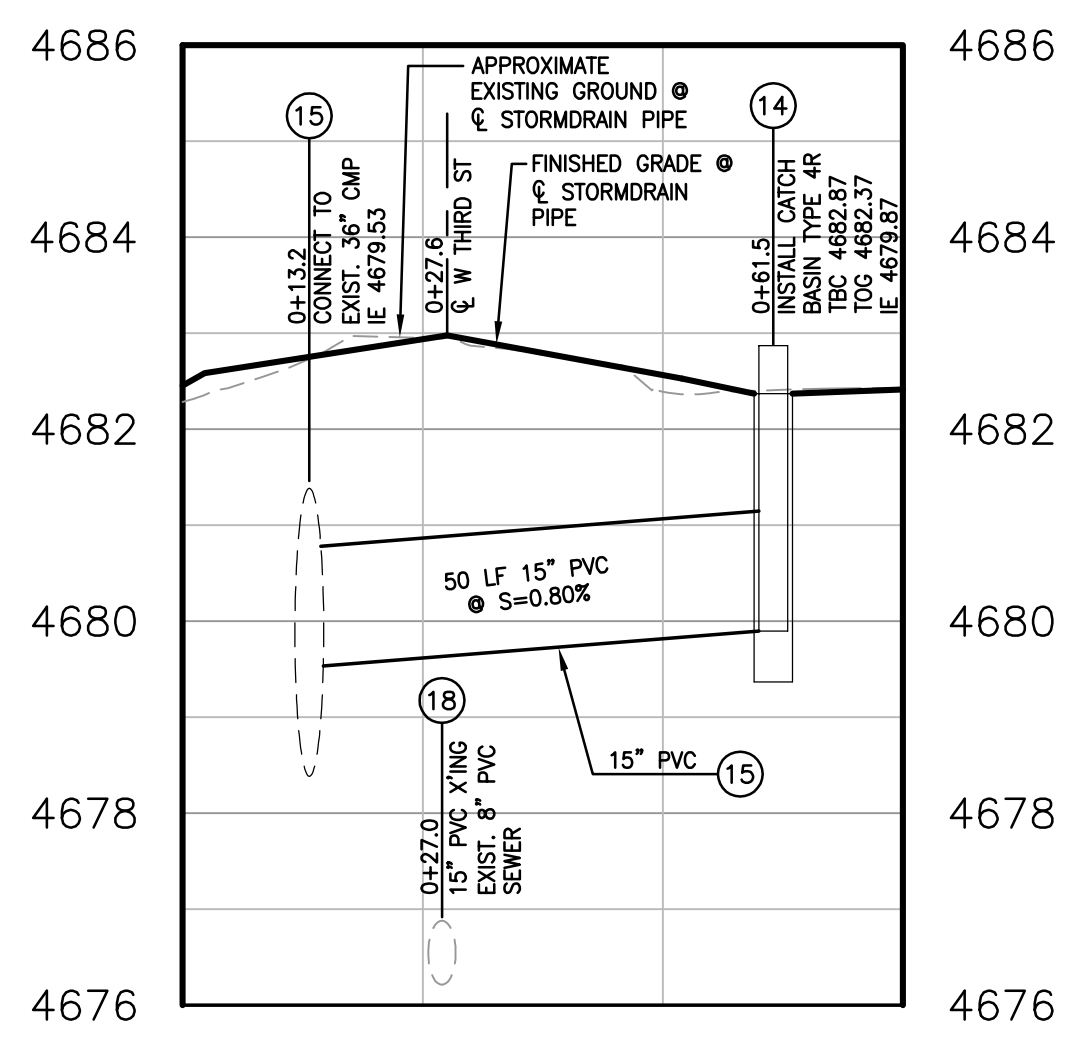
REV.	DATE	DESCRIPTION	BY	APP'D

**SOUTH DIVISION STREET
 ROAD IMPROVEMENTS PROJECT
 PROJECT NO. ST0005**
**ENLARGED CURB RAMP DETAILS
 W FOURTH ST & W THIRD ST**

D:\CAPITAL PROJECTS\Projects\ST0005-DivisionStImprovements\02_Details\DWG\DIVISION_ST_DETAILS.dwg: 8/3/15



REPAIR TO EXISTING 36" CMP STORMDRAIN PIPE 1
NTS



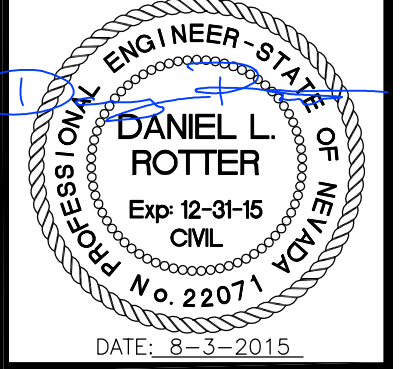
STORMDRAIN PLAN & PROFILE
S. DIVISION ST & W. THIRD ST
SCALE: 1" = 20' (HORIZ)
1" = 2' (VERT)

CONSTRUCTION NOTES

- ③ DEMO AND REMOVE EXISTING DROP INLET. REMOVE AND CAP EXISTING STORM DRAIN PIPE AT EXISTING 36" CMP PER DETAIL 1, SHEET C7.
- ④ INSTALL CATCH BASIN TYPE 4R PER STD. DRAWING C-4.1.5.
- ⑤ INSTALL 15" PVC STORM DRAIN PIPE PER STD. DRAWING C-1.2.1.
- ⑧ PROTECT IN PLACE.

DESIGNED BY: DSA/DLO
DRAWN BY: DLO
CHECKED BY: DSA/DLR
DWG NO.: division.st.drainage
SCALE (HORIZ): AS SHOWN
SCALE (VERT): AS SHOWN
PLOT DATE: 8/3/15

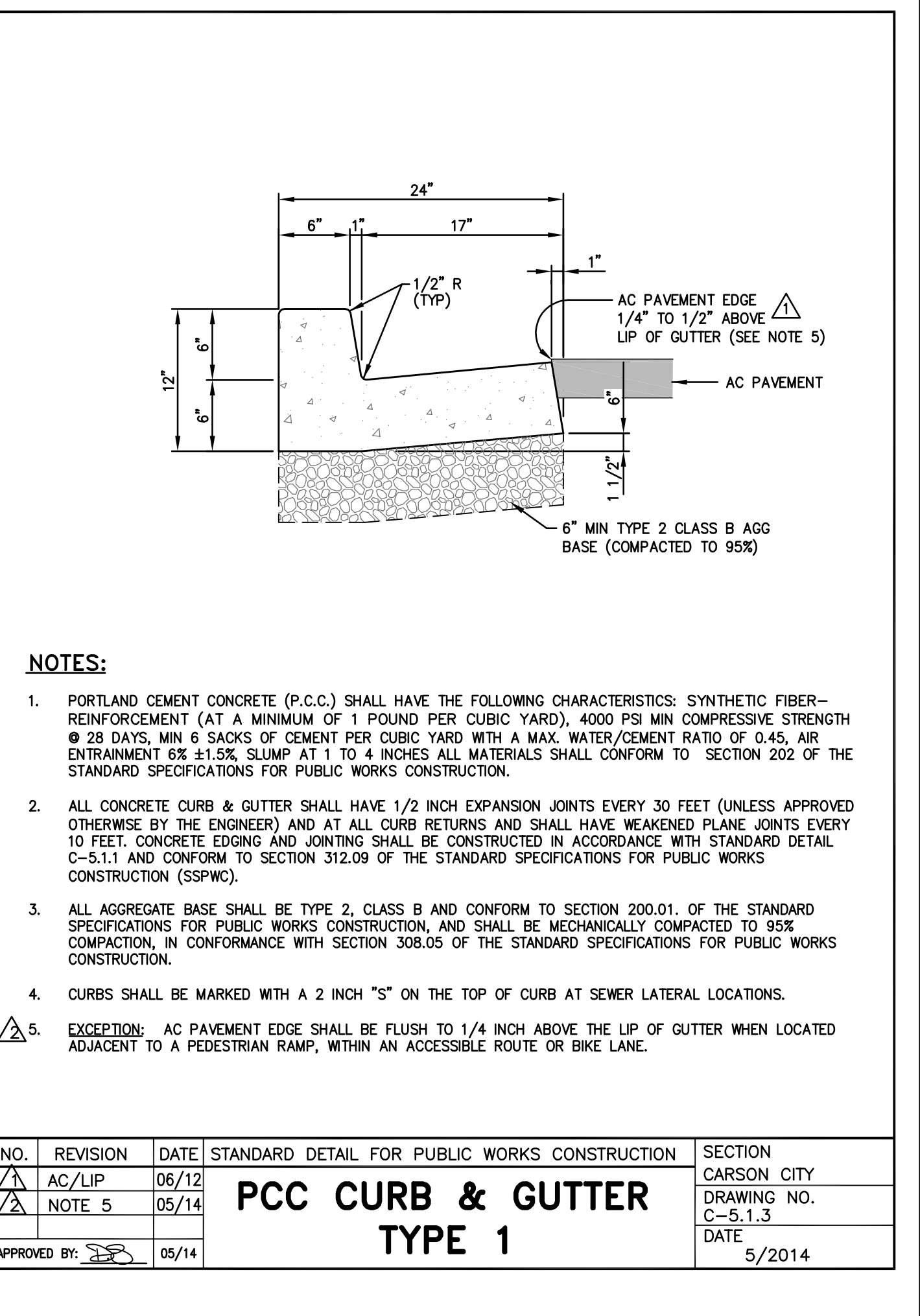
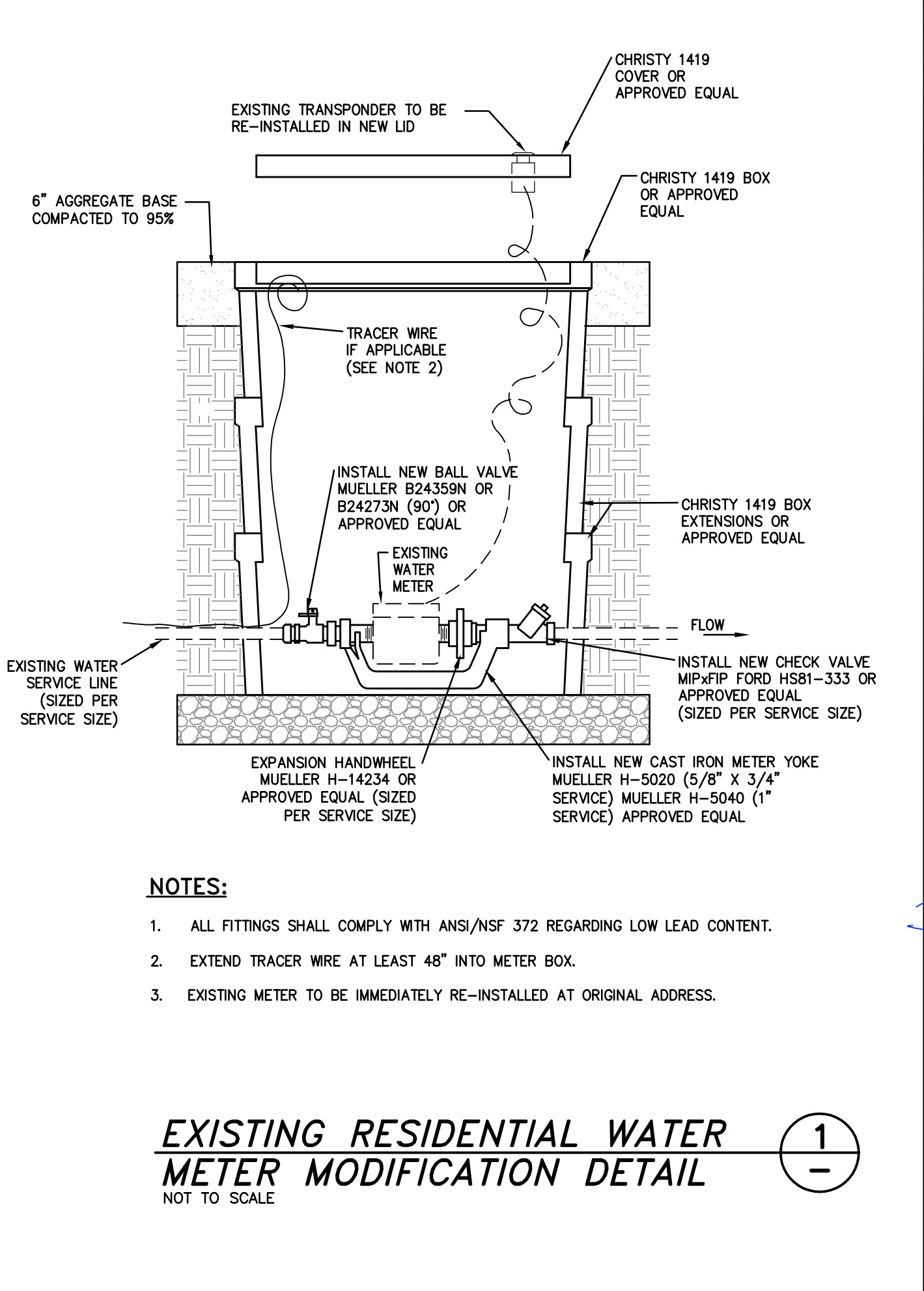
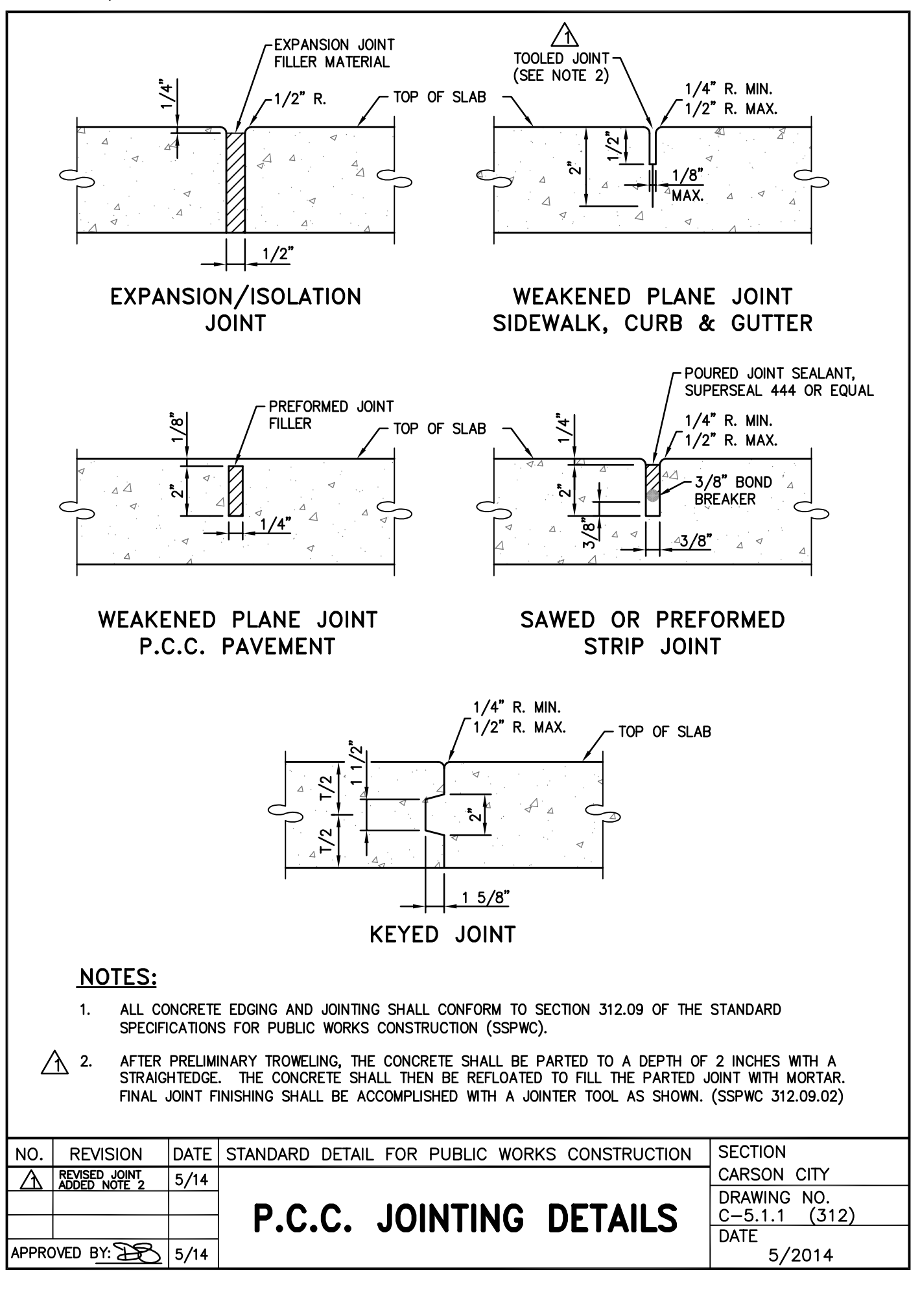
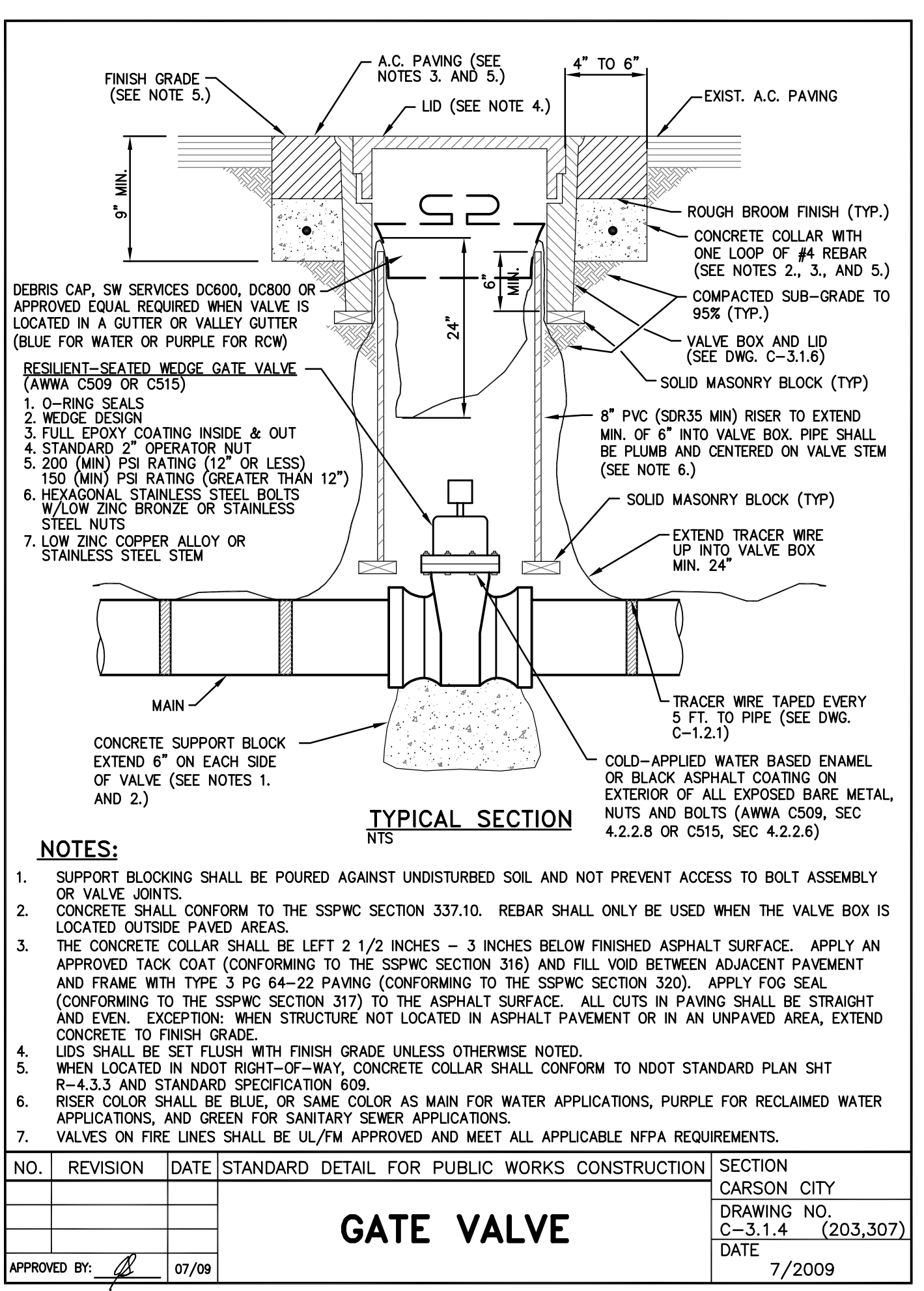
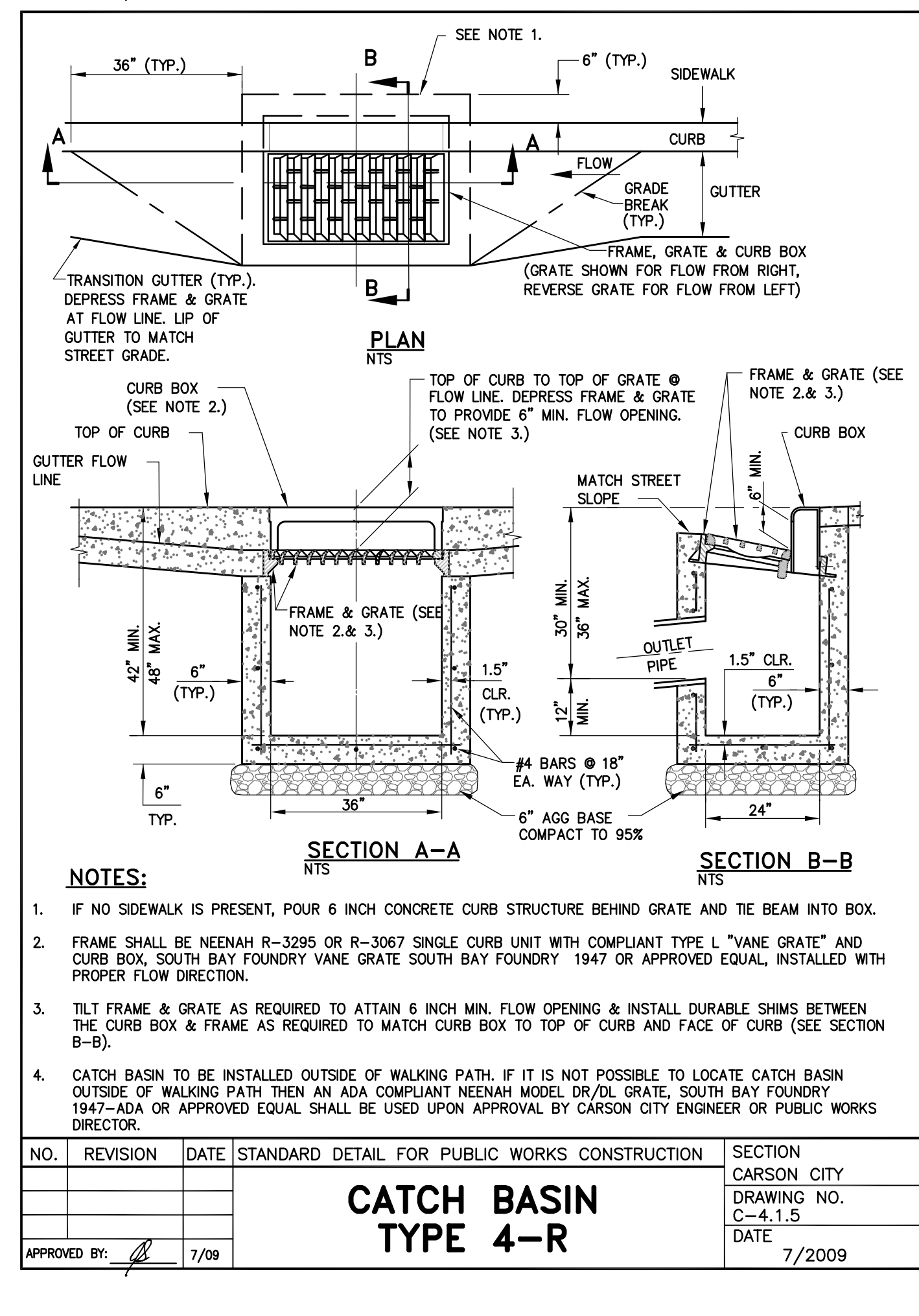
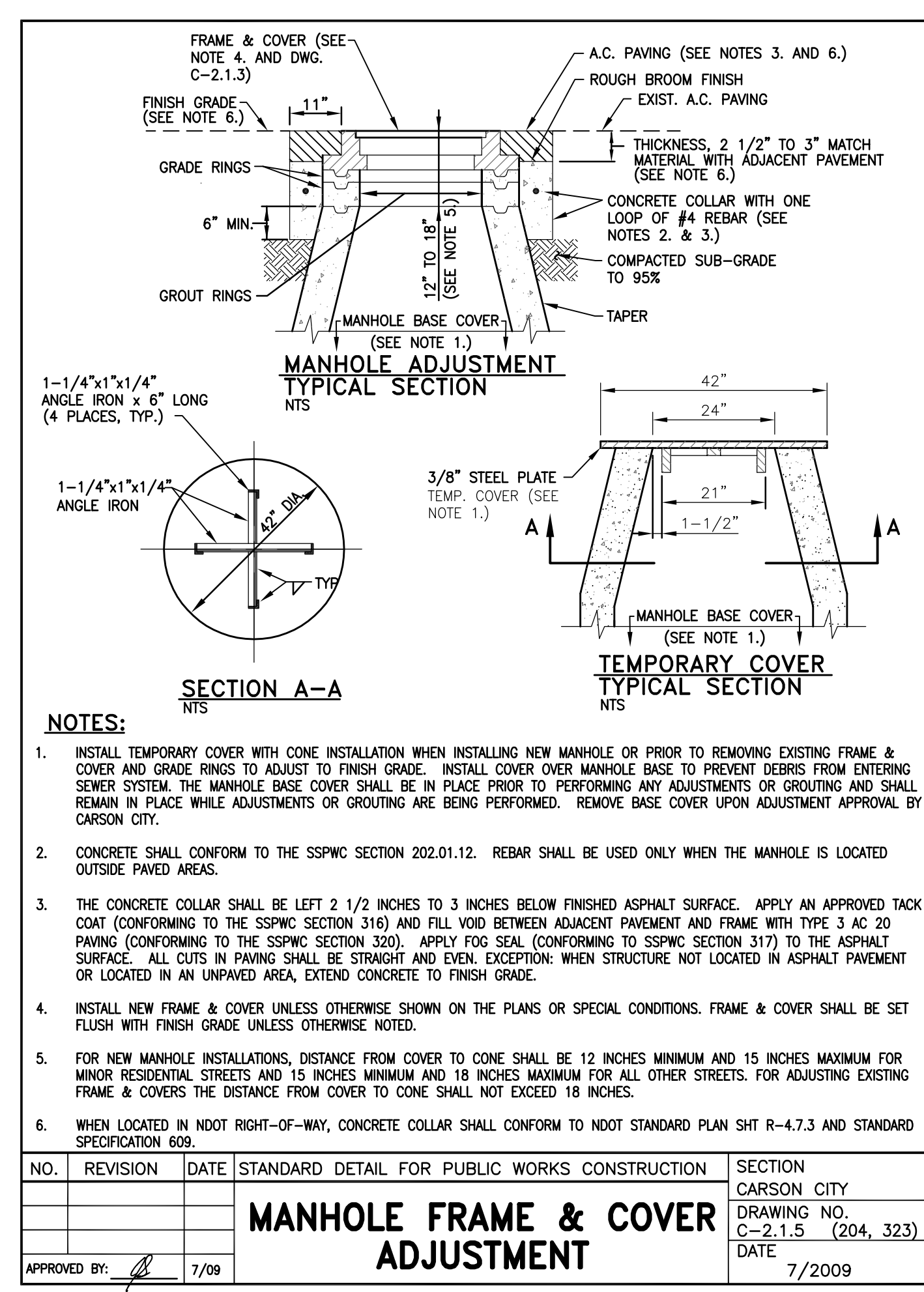
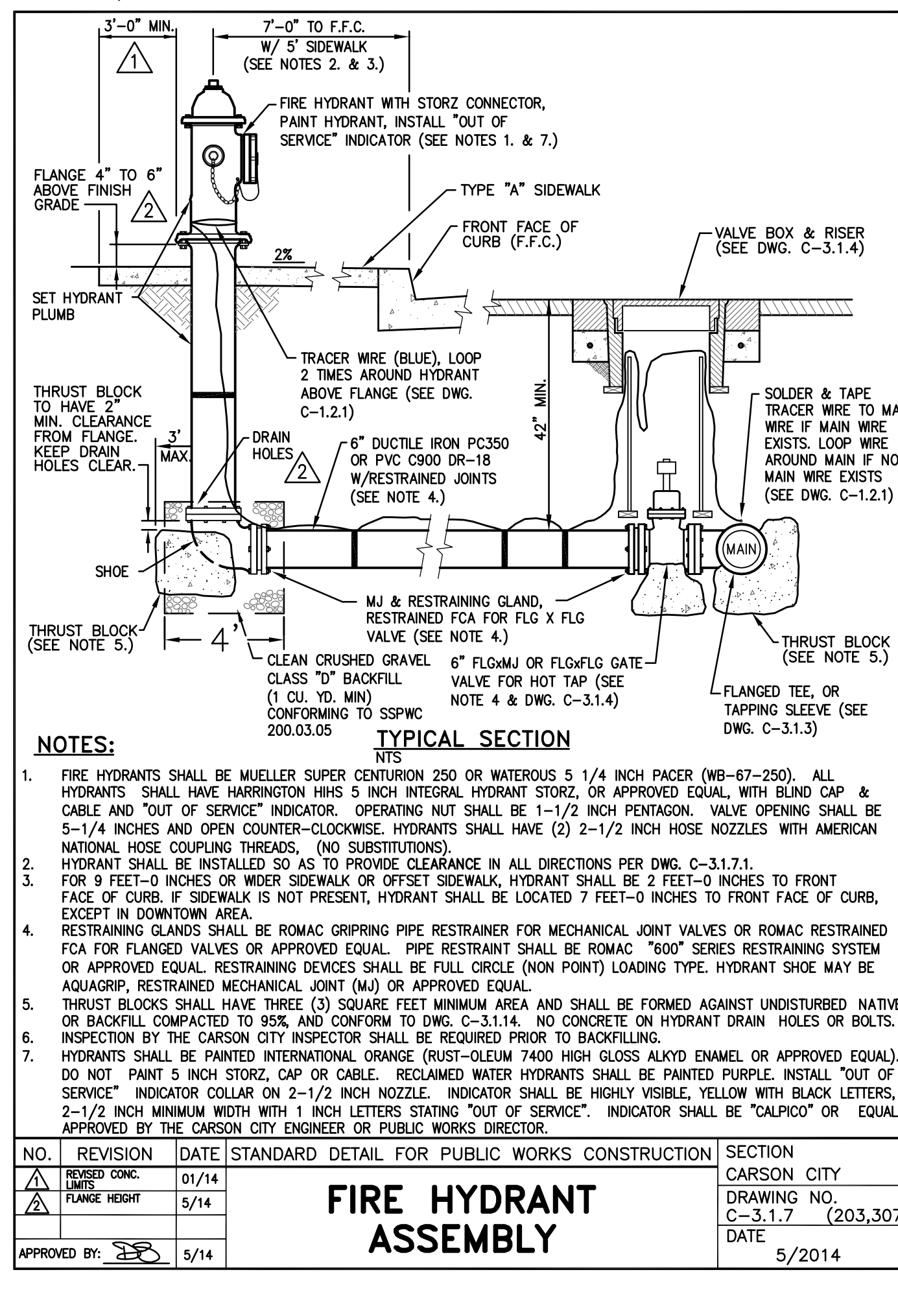
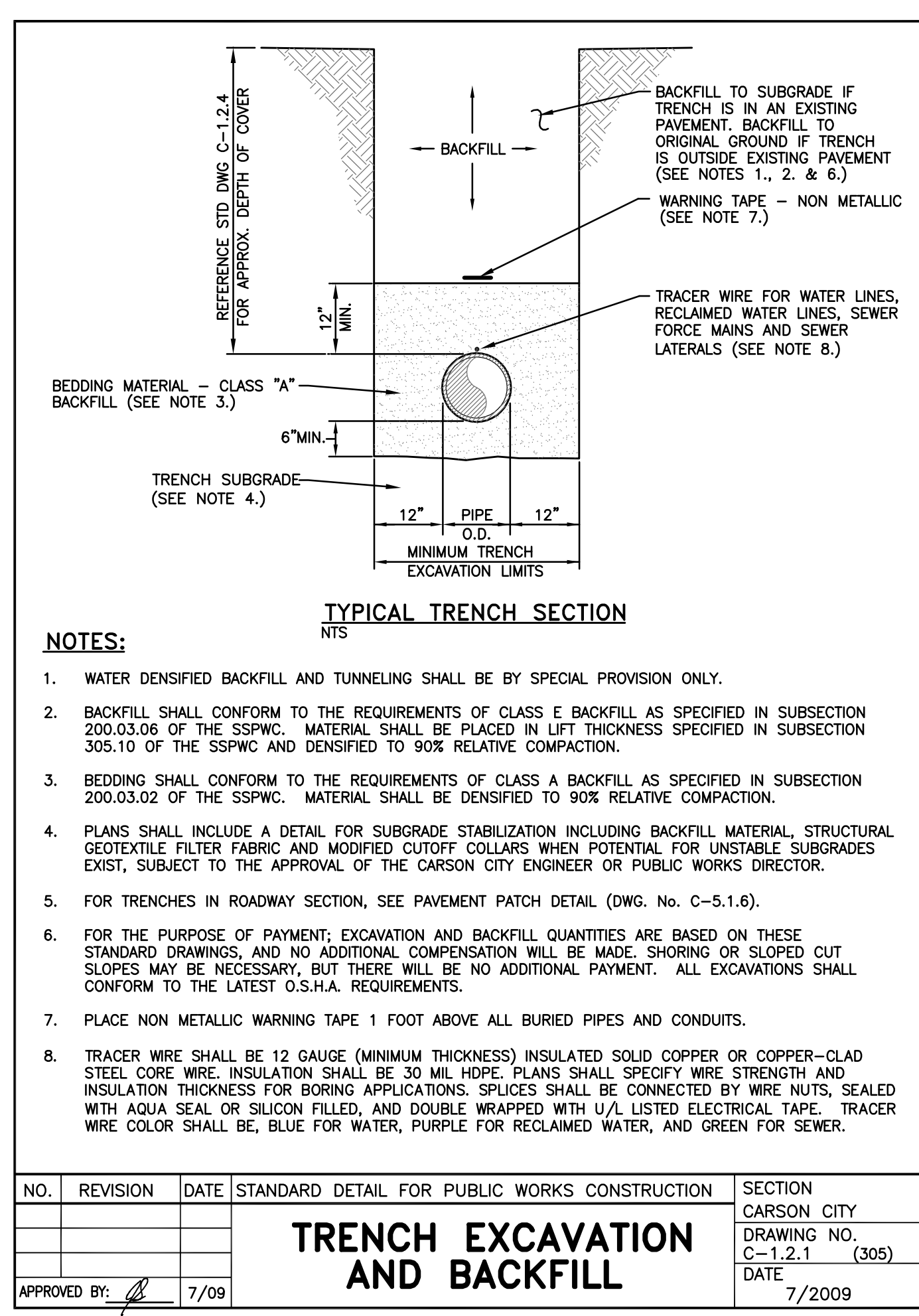
CARSON CITY DEPARTMENT
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112



REV.	DATE	DESCRIPTION	BY	APP'D

SOUTH DIVISION STREET
ROAD IMPROVEMENTS PROJECT
PROJECT NO. ST0005
STORMDRAIN DETAILS

I:\CAPITAL PROJECTS\Projects\ST0005-DivisionSt\Drawings\DWG\DIVISION ST DETAILS.dwg: 8/3/15



DESIGNED BY: DSA/DLO
DRAWN BY: DLO
CHECKED BY: DSA/DLR
DWG NO.: division at deteking
SCALE (HORIZ): 1"=20'
SCALE (VERT): N/A
PLOT DATE: 8/3/15

CARSON CITY PUBLIC WORKS DEPARTMENT

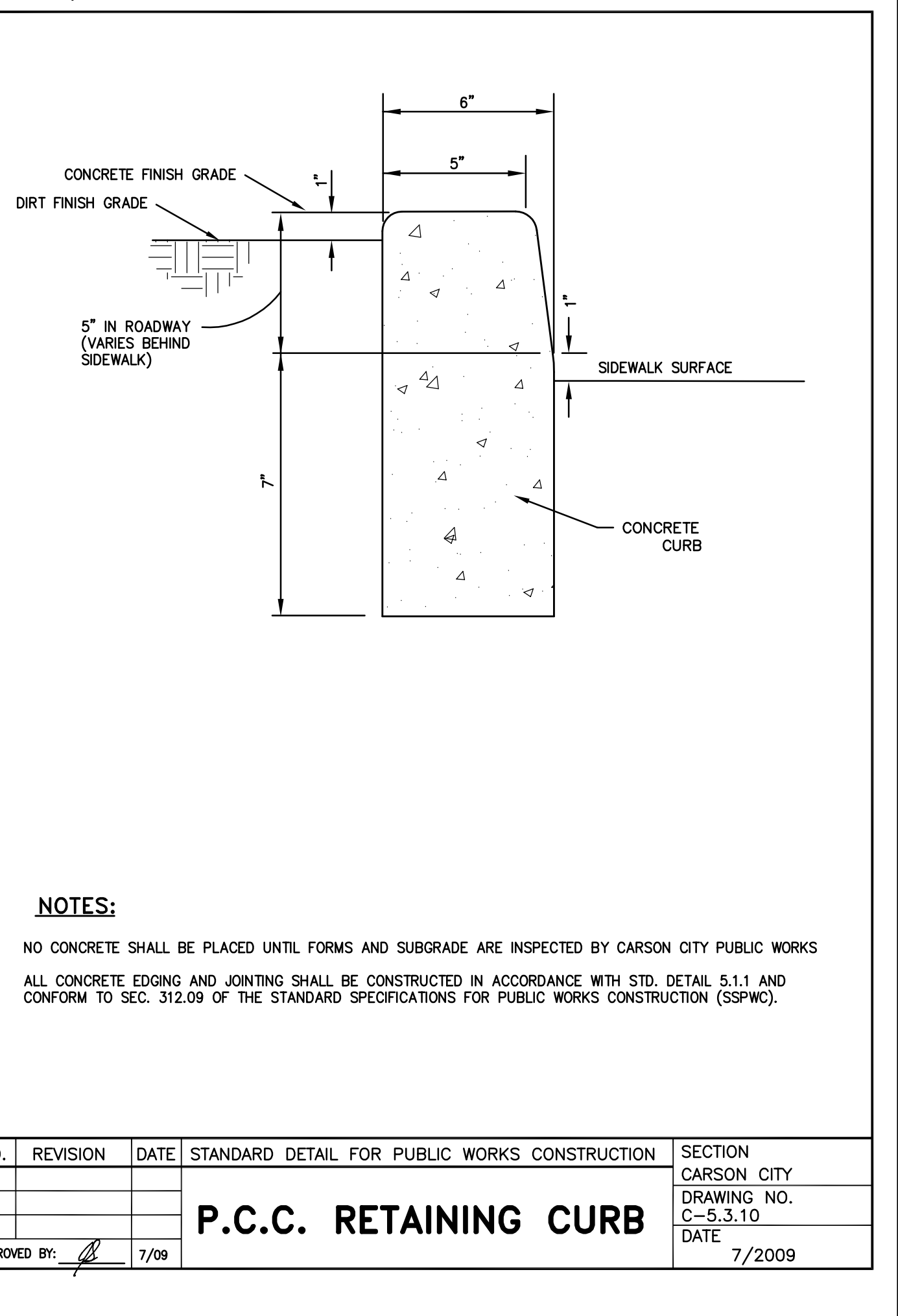
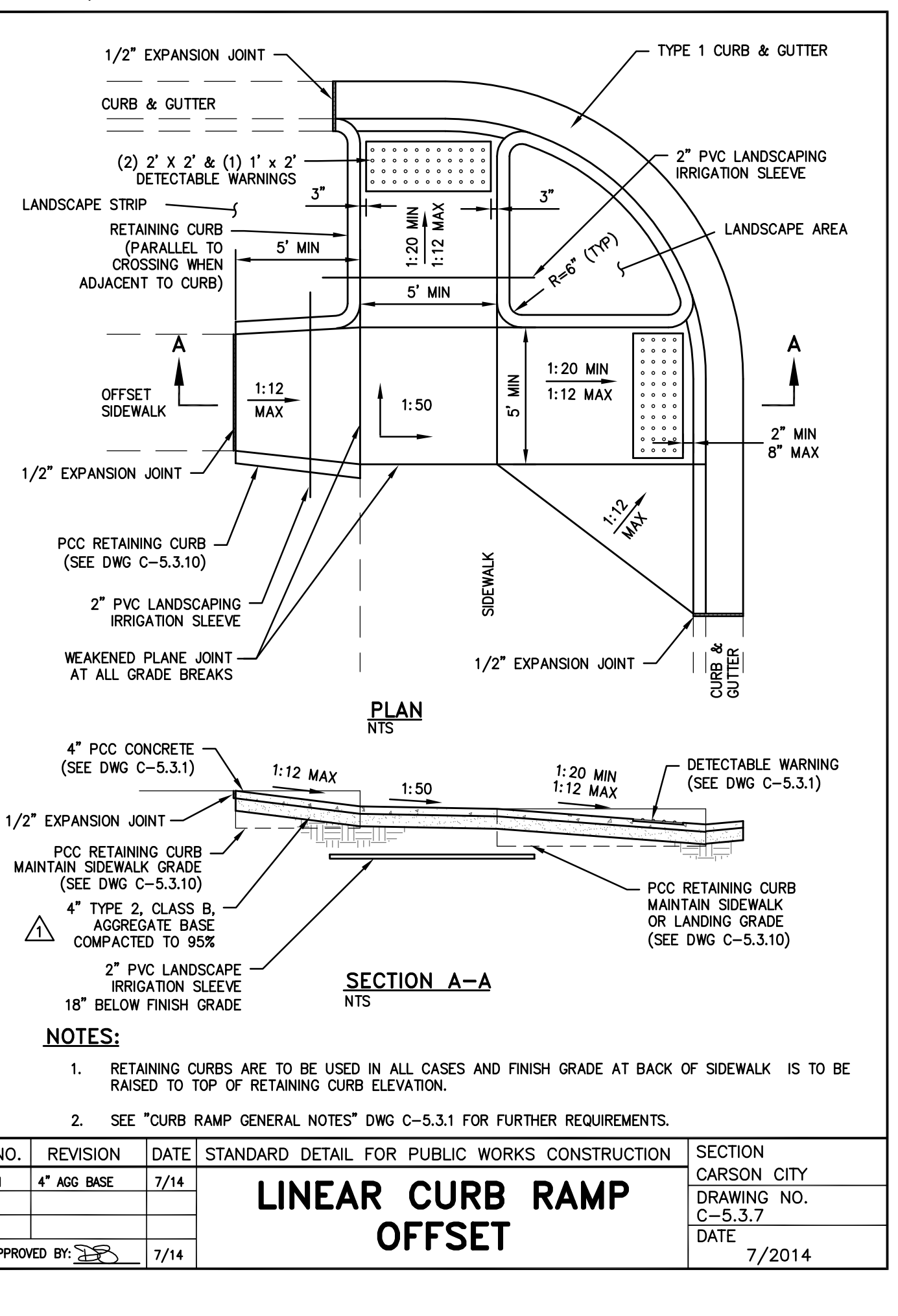
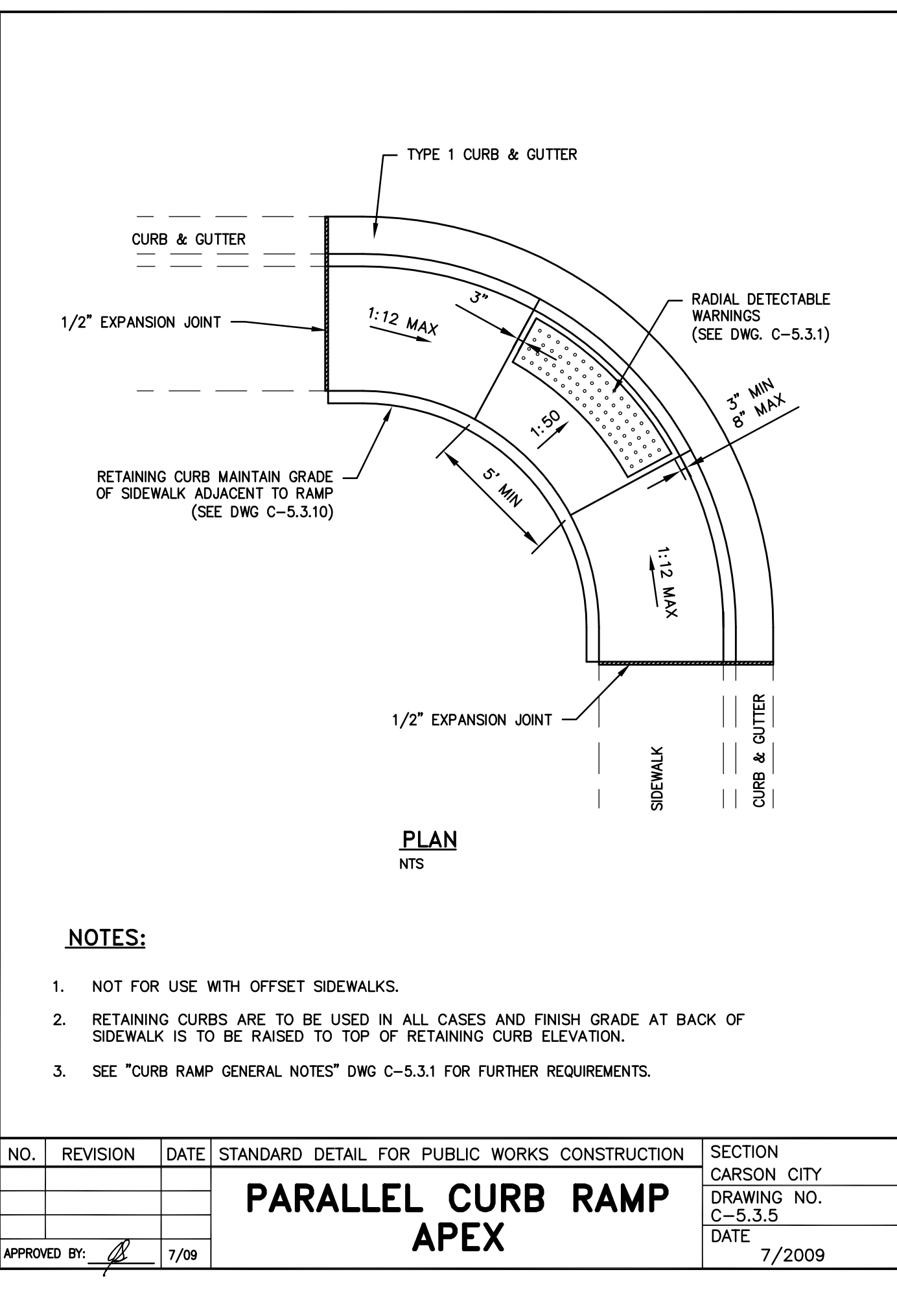
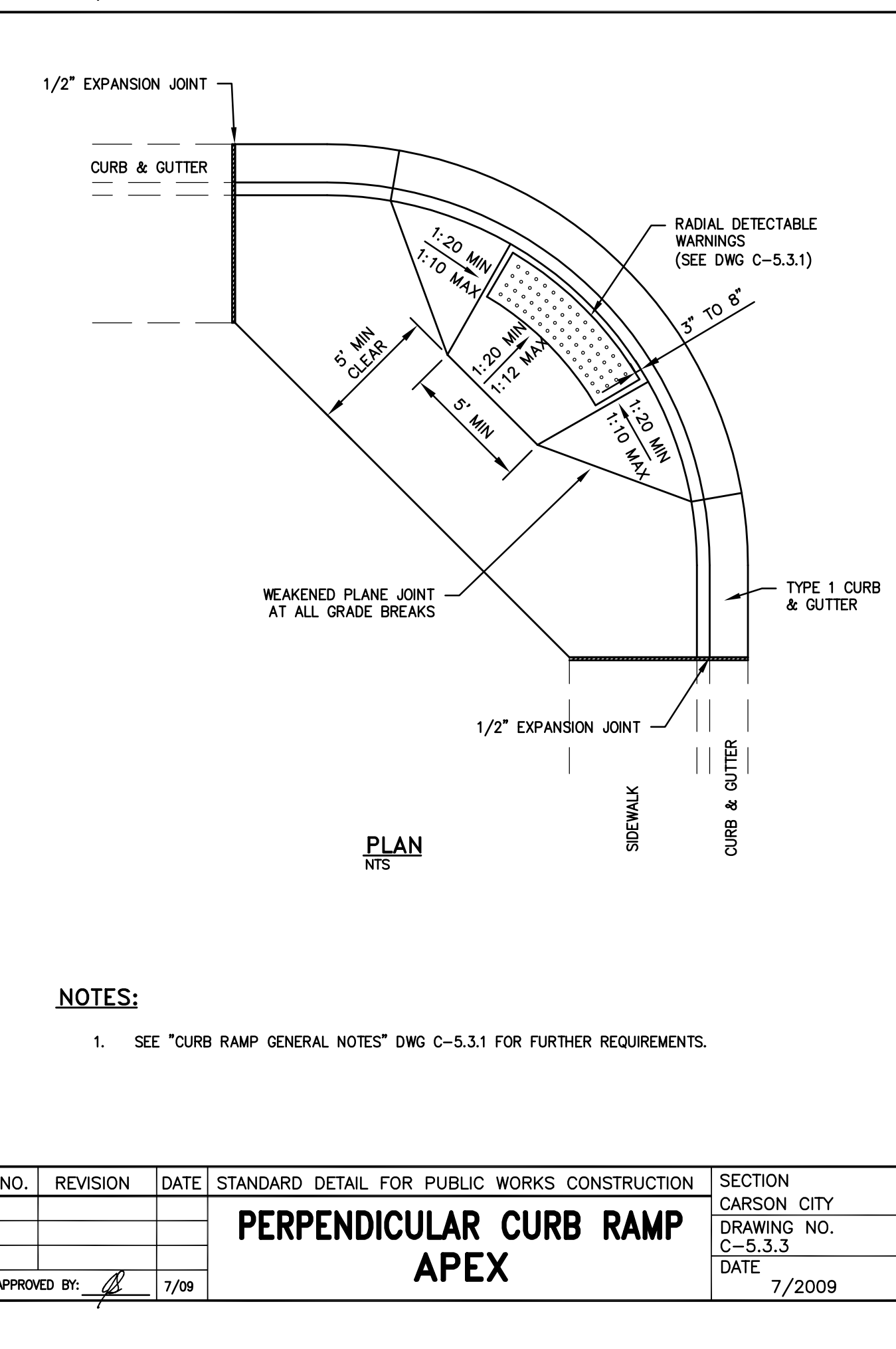
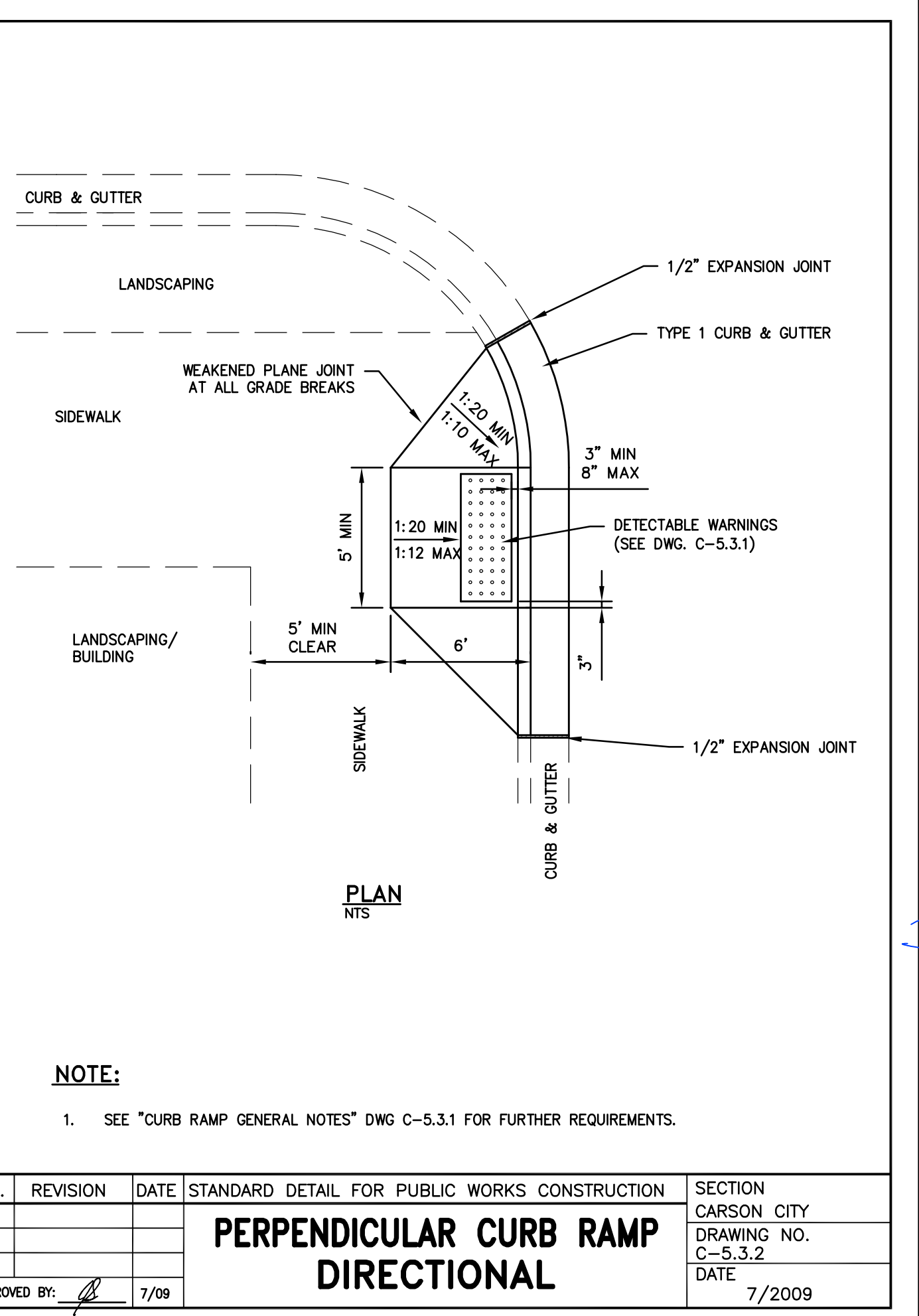
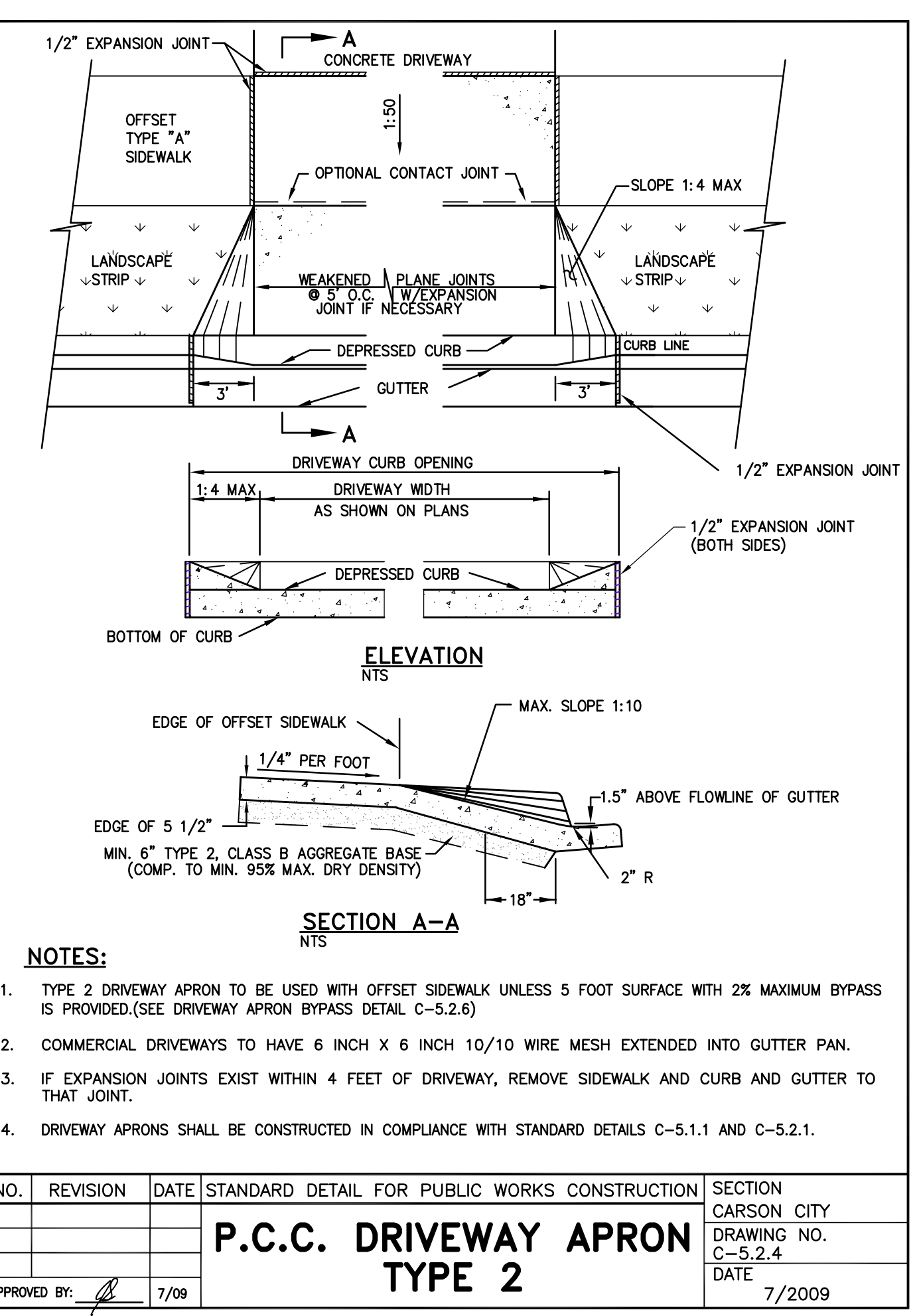
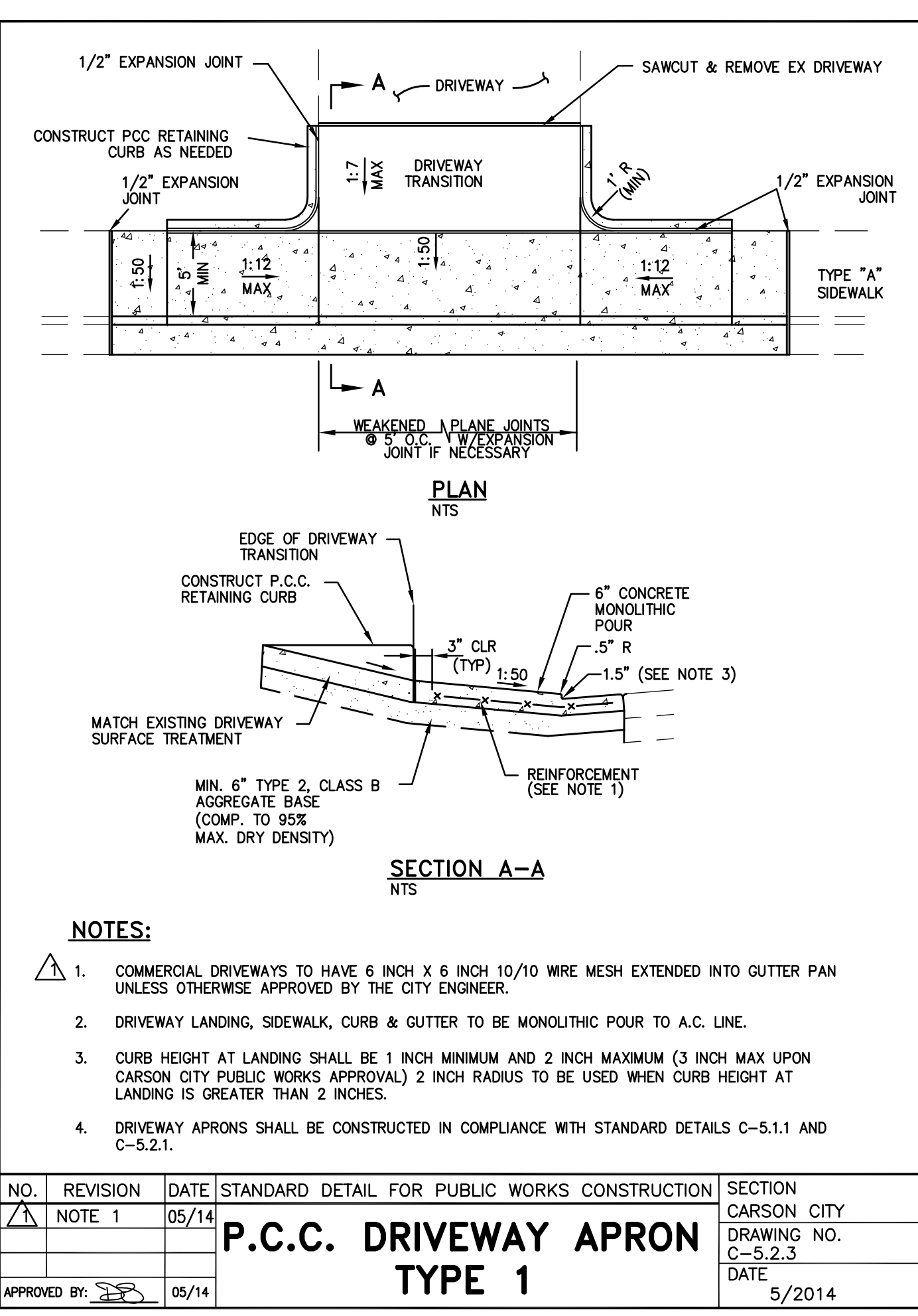
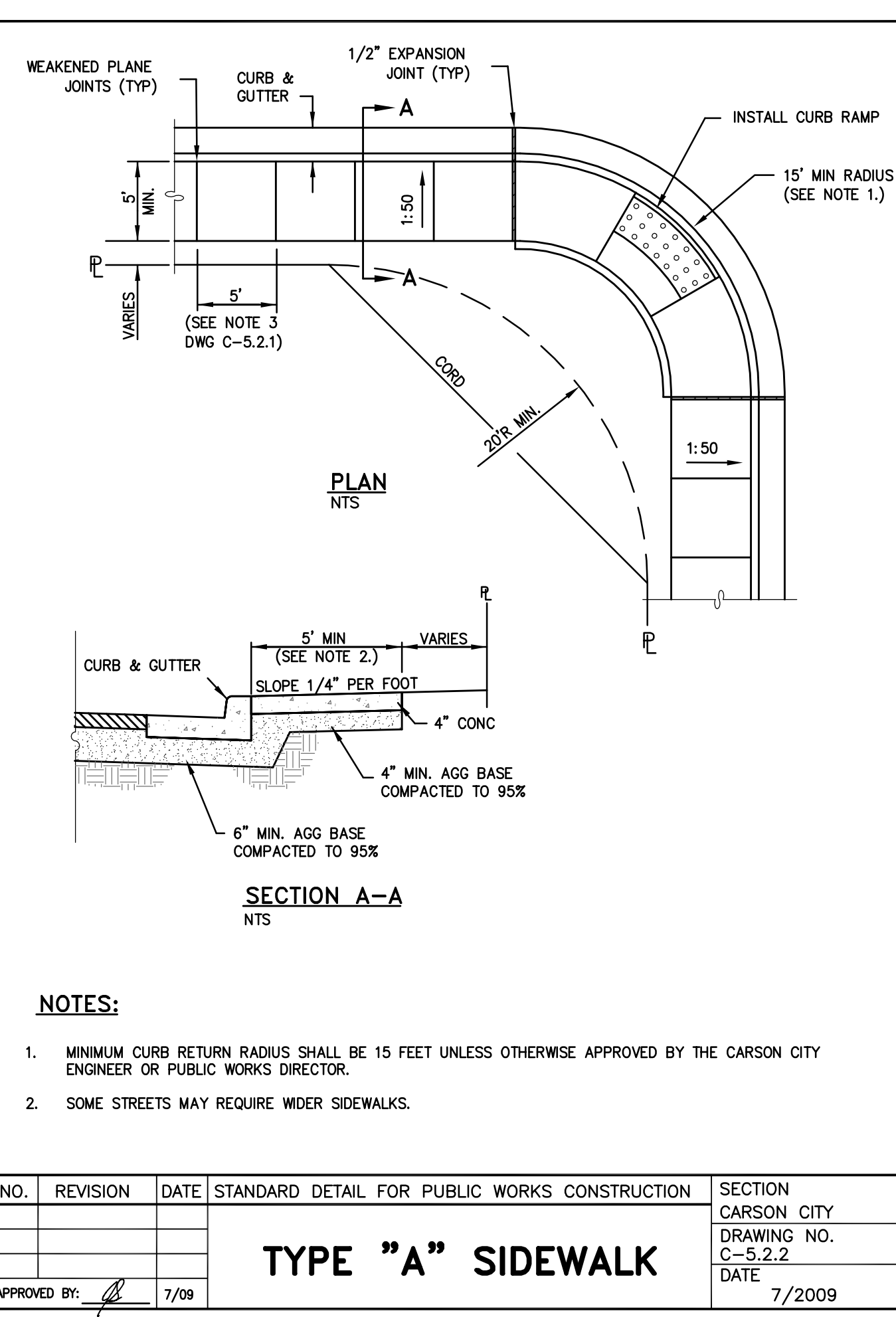
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

ENGINEER: DANIEL L. ROTTER
Exp 12-31-15
Professional No. 22071
DATE: 8-3-2015

BY: APP'D
DESCRIPTION
DATE

SOUTH DIVISION STREET ROAD IMPROVEMENTS PROJECT PROJECT NO. ST0005 CONSTRUCTION DETAILS

SHEET C8 OF 14



DESIGNED BY: DSA/DLO
 DRAWN BY: DLO
 CHECKED BY: DSA/DLR
 DWG NO.: division at detra.org
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): N/A
 PLOT DATE: 8/3/15

CARSON CITY PUBLIC WORKS DEPARTMENT

3505 BUTTI WAY CARSON CITY, NEVADA 89701
 PH: 887-2355 FAX: 887-2112

DANIEL L. ROTTER
 Exp 12-31-15
 CIVIL
 LICENSE NO. 22071
 DATE: 8-3-2015

BY: APP'D

REV.	DATE	DESCRIPTION

SOUTH DIVISION STREET ROAD IMPROVEMENTS PROJECT PROJECT NO. ST0005

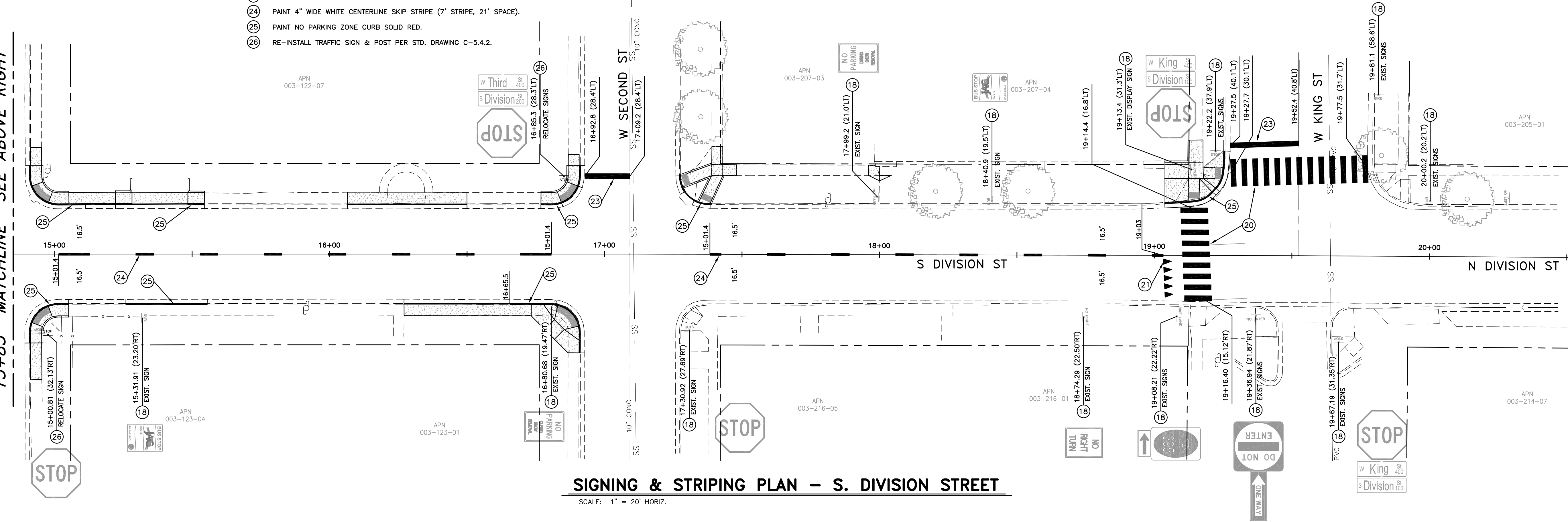
CONSTRUCTION DETAILS

SHEET **C9** OF **14**

C:\CAPITA_PROJECTS\Projects\ST0005-Division\DWG\DIVISION_ST_DETAILS.dwg: 8/3/15

C:\CAPITAL_PROJECTS\Projects\ST0005-Division\DWG\DIVISION_ST_SIGN.dwg, easting: 8/3/15

15+85 MATCHLINE SEE ABOVE RIGHT



SIGNING & STRIPING PLAN - S. DIVISION STREET

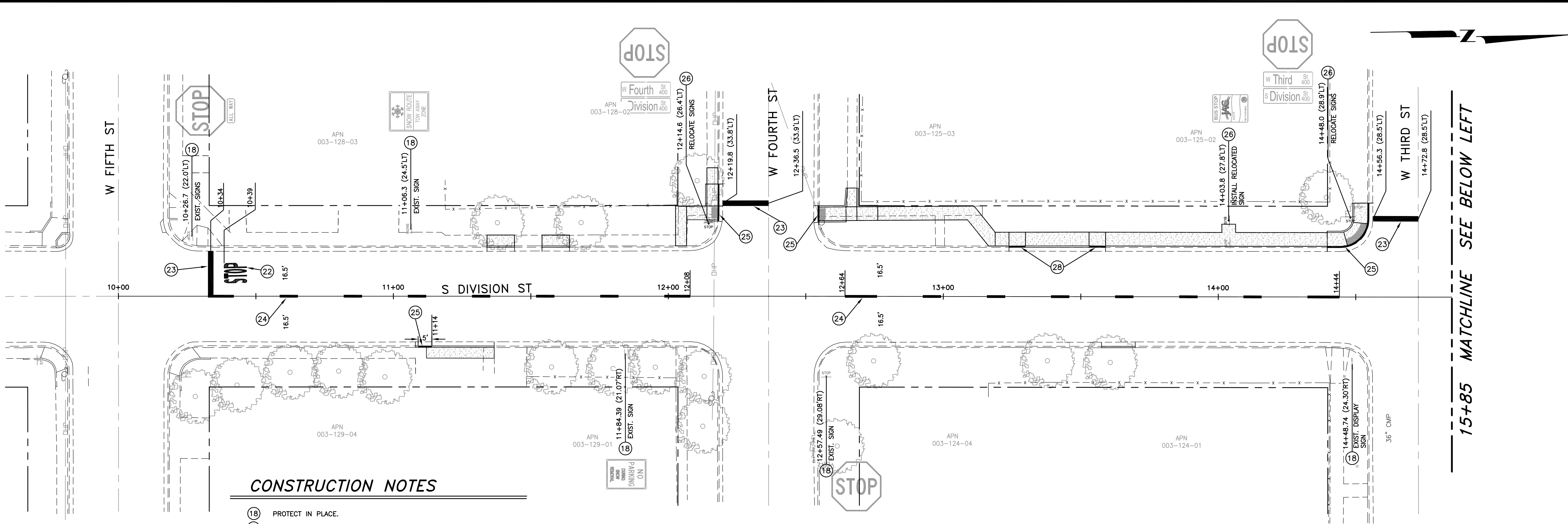
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CONSTRUCTION NOTES

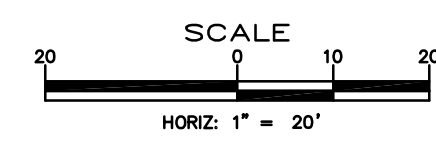
- (18) PROTECT IN PLACE.
- (20) PAINT CROSSWALK LEGEND PER STD. DRAWING C-5.4.3.
- (21) PAINT YIELD LINE SYMBOLS PER STD. DRAWING C-5.4.4.
- (22) PAINT SOLID WHITE PAVEMENT LEGEND AS SHOWN.
- (23) PAINT 24" SOLID WHITE STOP BAR PER STD. DRAWING C-5.4.3.
- (24) PAINT 4" WIDE WHITE CENTERLINE SKIP STRIPE (7' STRIPE, 21' SPACE).
- (25) PAINT NO PARKING ZONE CURB SOLID RED.
- (26) RE-INSTALL TRAFFIC SIGN & POST PER STD. DRAWING C-5.4.2.

SIGNING & STRIPING PLAN - S. DIVISION STREET

SCALE: 1" = 20' HORIZ.



15+85 MATCHLINE SEE BELOW LEFT

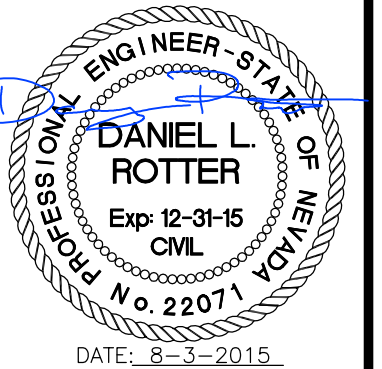


**SOUTH DIVISION STREET
ROAD IMPROVEMENTS PROJECT
PROJECT NO. ST0005**

**S. DIVISION STREET
SIGNING & STRIPING PLAN**

SHEET
C10
OF
14

REV.	DATE	DESCRIPTION	BY	APP'D

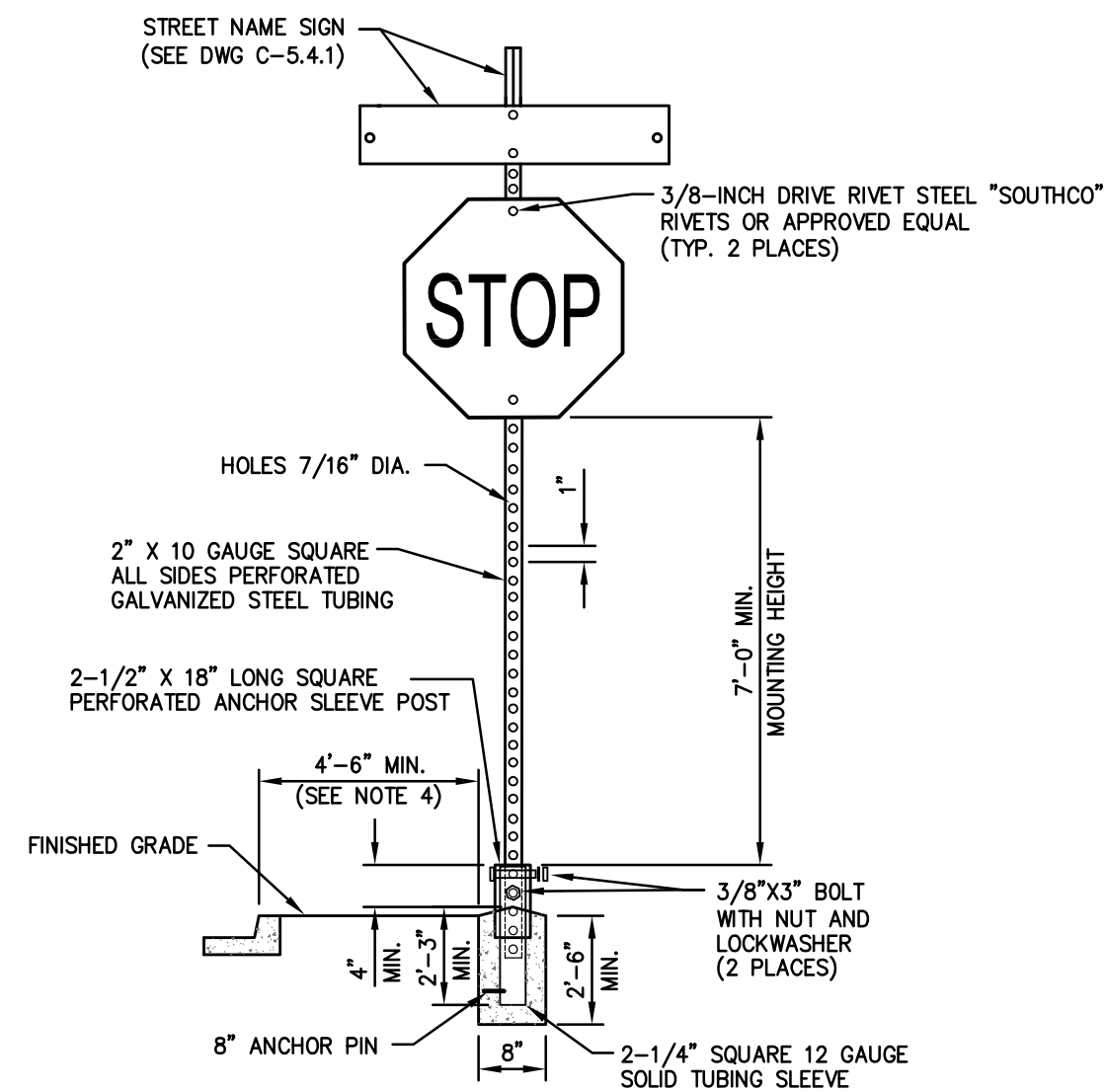


**CARSON CITY
PUBLIC WORKS DEPARTMENT**

3505 BUTTI WAY
PH: 887-2355

CARSON CITY, NEVADA 89701
FAX: 887-2112

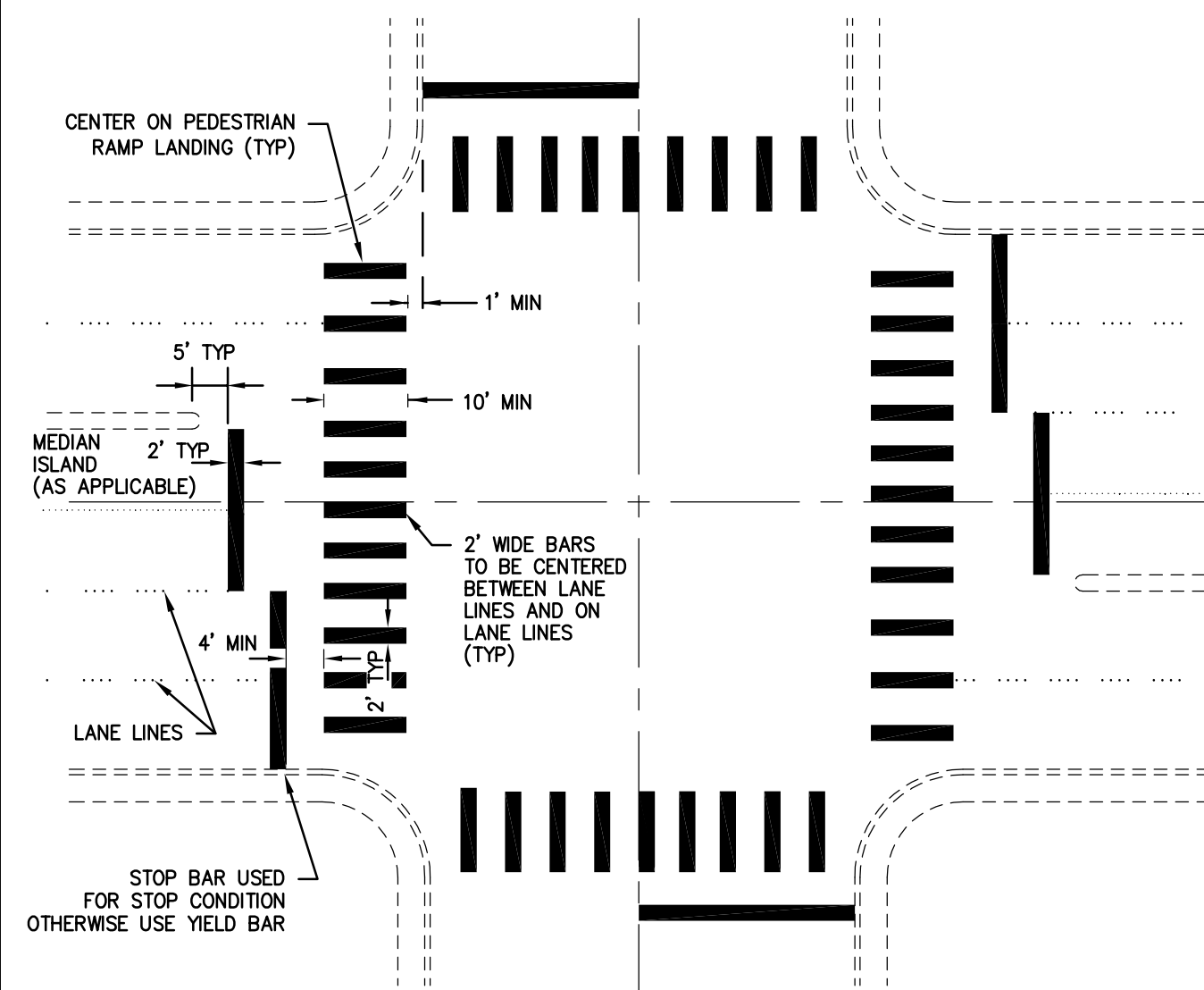
DESIGNED BY: DSA/DLO
DRAWN BY: DLO
CHECKED BY: DSA/DLR
DWG NO.: DIVISION ST SIGNING
SCALE (HORIZ): 1" = 20'
SCALE (VERT): N/A
PLOT DATE: 8/3/15



NOTES:

1. SIGN MATERIALS, CONSTRUCTION AND PLACEMENT SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. STREET NAME SIGN SHALL BE AS SPECIFIED IN STANDARD DETAIL DRAWING NO. C-5.4.1
3. ON STREETS WHERE CURBING DOES NOT EXIST, SET SIGN 6 FEET MINIMUM FROM PAVEMENT EDGE.
4. CONCRETE BASE SHALL BE LOCATED AT BACK OF SIDEWALK, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
5. ALL REGULATORY SIGNS SHALL USE ASTM TYPE 3 OR 4 INTENSITY SHEETING.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
			TRAFFIC SIGN INSTALLATION	CARSON CITY
				DRAWING NO. C-5.4.2
APPROVED BY:			7/09	DATE 7/2009

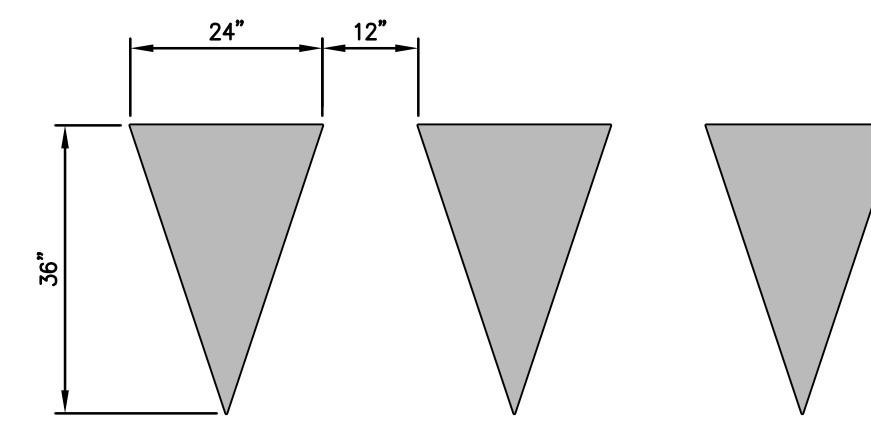


TYPICAL CROSSWALK STRIPING DETAIL

NOTES:

1. ALL STRIPING SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS, CURRENT EDITION.
2. INLAY TAPE STRIPING AND/OR PAVEMENT LEGENDS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
3. CROSSWALK MARKINGS SHALL BE INSTALLED AT ALL TRAFFIC SIGNAL LOCATIONS AND AT OTHER LOCATIONS AS DIRECTED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
			CROSSWALK LEGEND	CARSON CITY
				DRAWING NO. C-5.4.3
APPROVED BY:			7/09	DATE 7/2009



NOTE:
TRIANGLE HEIGHT IS EQUAL TO 1.5 TIMES THE BASE DIMENSION.



NOTES:

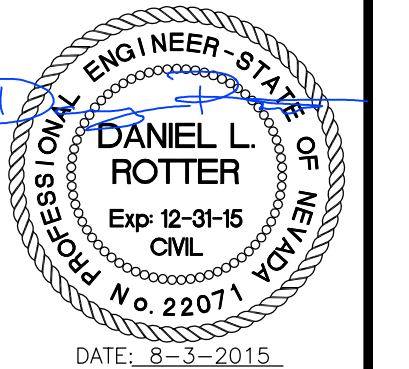
1. ALL STRIPING SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS, CURRENT EDITION.
2. ALL PAINTED STRIPING AND PAVEMENT LEGENDS SHALL CONFORM TO CARSON CITY PUBLIC WORKS SPECIFICATIONS.
3. ALL INLAY TAPE STRIPING AND/OR PAVEMENT LEGENDS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
4. YIELD LINE TO BE INSTALLED FROM EDGE OF LANE TO EDGE OF PAVEMENT OR LIP OF CURB.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
			YIELD LINE LAYOUT	CARSON CITY
				DRAWING NO. C-5.4.4
APPROVED BY:			7/09	DATE 7/2009

DESIGNED BY: DSA/DLO
 DRAWN BY: DLO
 CHECKED BY: DSA/DLR
 DWG NO.: division.ctd@carsoncity.nv.gov
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): N/A
 PLOT DATE: 8/3/15

**CARSON CITY
PUBLIC WORKS DEPARTMENT**

3505 BUTTI WAY CARSON CITY, NEVADA 89701
 PH: 887-2355 FAX: 887-2112



REV.	DATE	DESCRIPTION	BY	APP'D

**SOUTH DIVISION STREET
ROAD IMPROVEMENTS PROJECT
PROJECT No. ST0005**

SIGNING & STRIPING DETAILS

SHEET
C11
OF
14