

# E. FIFTH STREET PEDESTRIAN IMPROVEMENTS

## N. ROOP ST to ELAINE ST CARSON CITY, NEVADA

### PROJECT 031302.2

#### BOARD OF SUPERVISORS

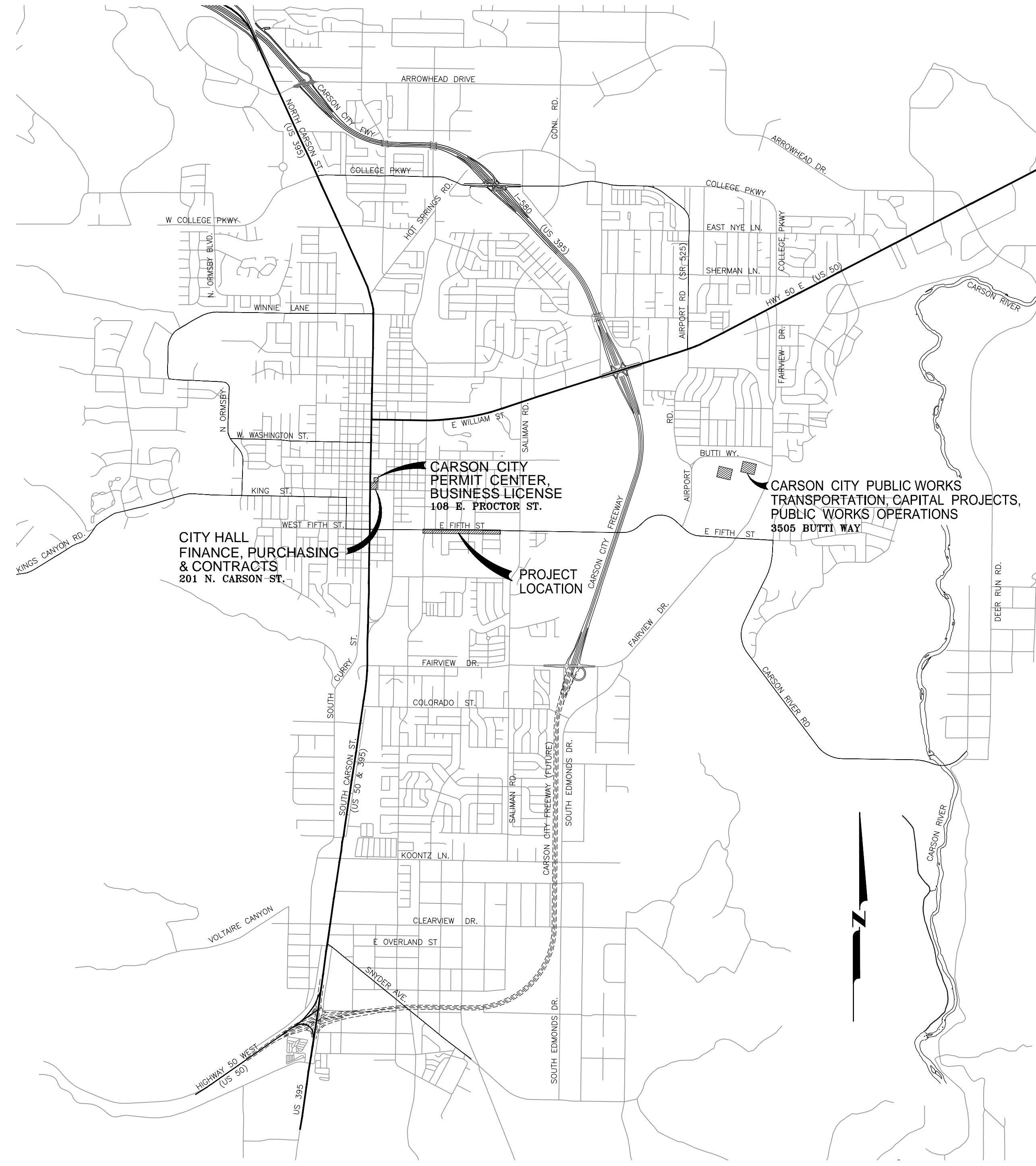
Bob Crowell	Mayor
Karen Abowd	Supervisor
Brad Bonkowski	Supervisor
John McKenna	Supervisor
Jim Shirk	Supervisor
Alan Glover	City Clerk

#### DESIGNED FOR:

**CARSON CITY PUBLIC WORKS DEPARTMENT  
OPERATIONS DIVISION  
3505 BUTTI WAY  
CARSON CITY, NV 89701  
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.
- 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, POTHOUSING 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 CONTRACTORS 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.



**VICINITY MAP**

N.T.S.

#### SHEET INDEX

- |    |  |
|----|--|
| C1 | TITLE SHEET                                      |
| C2 | STORMWATER PROTECTION PLAN, SHEET INDEX & LEGEND |
| C3 | PLAN - E. FIFTH ST.                              |
| C4 | PLAN - E. FIFTH ST.                              |
| C5 | PLAN - E. FIFTH ST. & ELAINE ST.                 |
| C6 | PLAN - RUTH ST.                                  |
| C7 | DETAILS  |
| C8 | DETAILS  |
| C9 | DETAILS  |

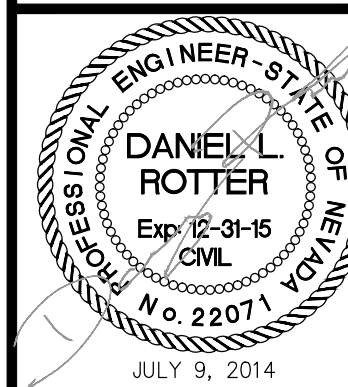


APPLICATION NO. \_\_\_\_\_  
NDOT APPLICATION NO. \_\_\_\_\_

DESIGNED BY: BD  
DRAWN BY: BD  
CHECKED BY: DA  
DWG NO.: 031302.2-TS1  
SCALE (HORIZ): XX  
SCALE (VERT): XX  
PLOT DATE: 2014 JULY 09

**CARSON CITY  
PUBLIC WORKS DEPARTMENT**

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



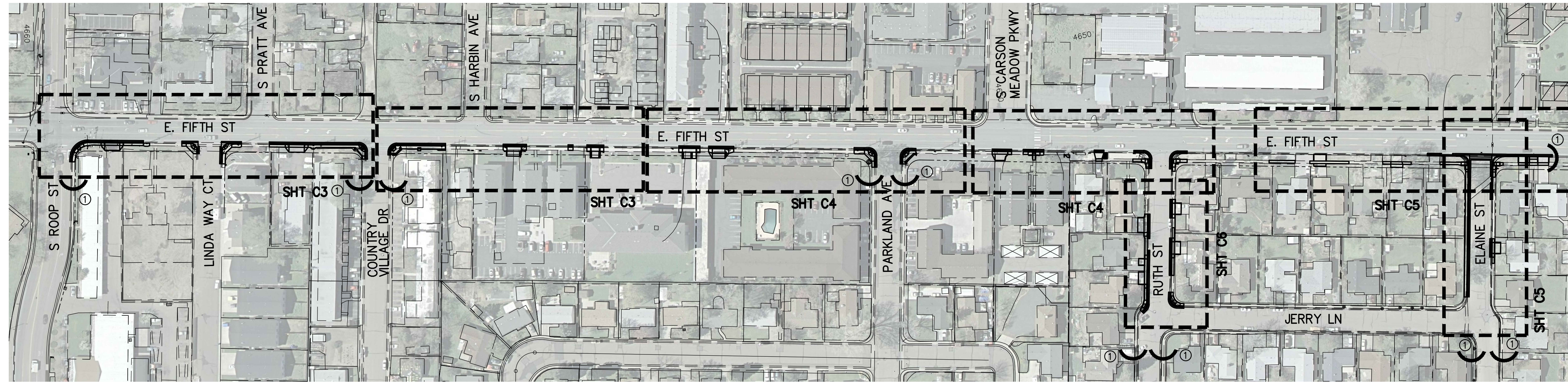
REV.	DATE	DESCRIPTION	BY	APP'D

**E. FIFTH STREET  
PEDESTRIAN IMPROVEMENTS  
PROJECT No. 03.1302.2**

**TITLE SHEET**

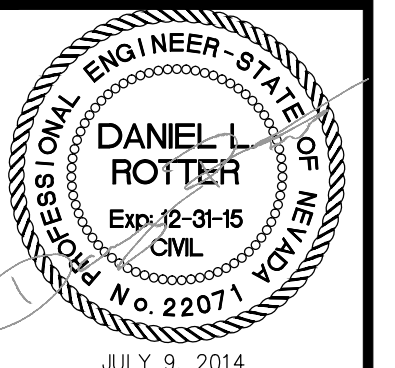
SHEET  
**C1**  
OF  
**9**

BID SET



DESIGNED BY: BD  
 DRAWN BY: BD  
 CHECKED BY: DA  
 DWG NO.: 3.1301B51  
 SCALE (HORIZ): 1"=100'  
 SCALE (VERT): N/A  
 PLOT DATE: 2014 JULY 09

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 PUBLIC WORKS DEPARTMENT**  
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 PH: 775-887-2355 FAX: 775-887-2112



REV.	DATE	DESCRIPTION	BY	APP'D

**E. FIFTH STREET  
 PEDESTRIAN IMPROVEMENTS  
 PROJECT No. 03.1302.2**  
**STORMWATER PROTECTION PLAN,  
 SHEET INDEX & LEGEND**

SHEET  
**C2**  
 OF  
**9**

**STORMWATER PROTECTION NOTES:**

- PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL STORM WATER PROTECTION DEVICES IN ACCORDANCE WITH THE "NEVADA CONTRACTORS' FIELD GUIDE FOR CONSTRUCTION SITE BEST MANAGEMENT PRACTICES" AND DETAILS AS SHOWN.
- ALL INSTALLED PROTECTION DEVICES SHALL BE INSPECTED AND APPROVED BY THE CARSON CITY CONSTRUCTION INSPECTOR PRIOR TO ANY CONSTRUCTION ACTIVITY.
- BMP'S IN ADDITION TO THOSE INDICATED ON PLAN SHEETS, AND THE CONTRACTOR'S SWPPP MAY BE REQUIRED IF THEY DON'T MEET LOCAL PERFORMANCE STANDARDS.
- ALL BMPs MUST BE INSPECTED WEEKLY, PRIOR TO FORECASTED RAIN EVENTS, AND WITHIN 24 HOURS AFTER ANY EVENT THAT CREATES RUNOFF AT THE SITE.
- ACCUMULATED SEDIMENT MUST BE REMOVED FROM BMPs WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE. SEDIMENT MUST ALSO BE REMOVED WITHIN SEVEN DAYS AFTER A RUNOFF EVENT OR PRIOR TO THE NEXT FORECASTED RAIN EVENT WHICHEVER IS EARLIER.
- IF THE ENTRANCE STABILIZATION IS NOT PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT, ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING, AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH.
- ANY ROCK THAT IS LOOSENEED FROM THE ENTRANCE STABILIZATION PAD, WHICH END UP ON THE PAVED ROADWAY SHALL BE REMOVED IMMEDIATELY.
- CONTRACTOR SHALL INSPECT LOCAL ROADS ADJACENT TO THE SITE DAILY, SWEEP OR VACUUM TO REMOVE ANY VISIBLE ACCUMULATED SEDIMENT.
- ANY SEDIMENT THAT IS TRACKED ONTO PAVEMENT SHALL BE REMOVED BY SHOVELING, STREET SWEEPING OR VACUUMING. THE SEDIMENT COLLECTED BY SWEEPING SHALL BE REMOVED OR STABILIZED ON SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET, EXCEPT WHEN SWEEPING IS INEFFECTIVE AND THERE IS A THREAT TO PUBLIC SAFETY. IF IT IS NECESSARY TO WASH THE STREETS, THE CONSTRUCTION OF A SMALL SUMP SHALL BE CONSIDERED. THE SEDIMENT WOULD THEN BE WASHED INTO THE SUMP WHERE IT CAN BE CONTROLLED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DUST CONTROL WITHIN THE CONSTRUCTION LIMITS AT ALL TIMES.
- THE CONTRACTOR OR HIS QUALIFIED AGENT IS REQUIRED TO ROUTINELY INSPECT ALL AREAS OF DISTURBED AND BARE SOIL AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, ONSITE VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL ONSITE EROSION AND SEDIMENT CONTROL BMPs.

**ABBREVIATIONS**

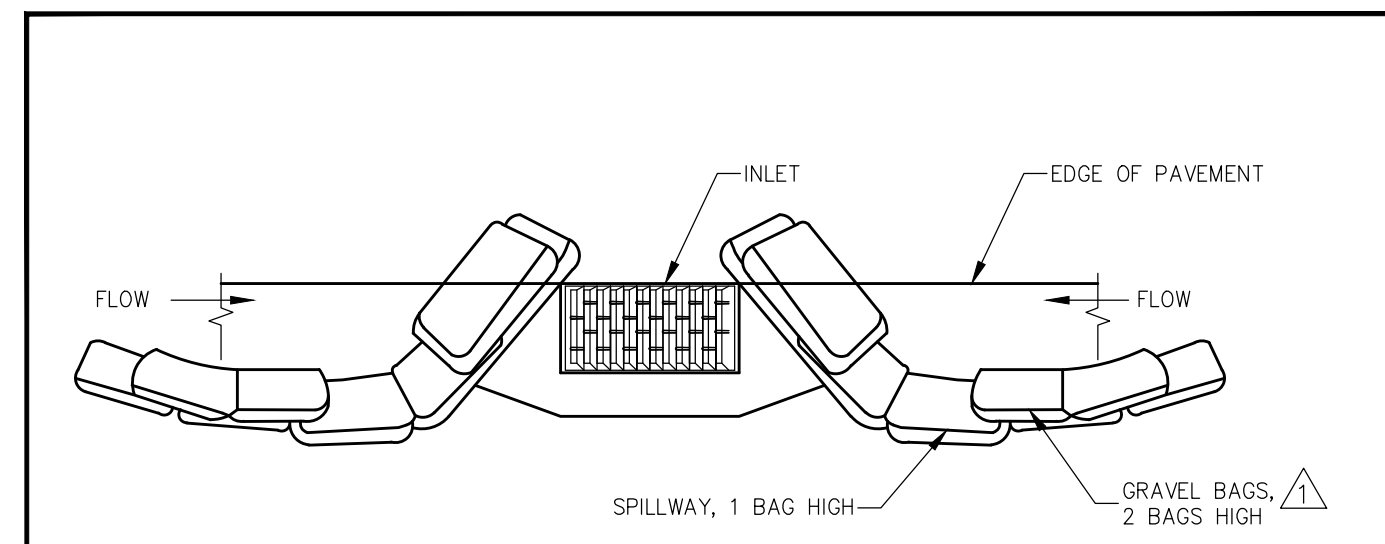
AB	AGGREGATE BASE	N	NORTH
AC	ASPHALTIC CONCRETE	N.I.C.	NOT IN CONTRACT
AGG	AGGREGATE	NTS	NOT TO SCALE
APN	ASSESSORS PARCEL NUMBER	PCC	PORTLAND CEMENT CONCRETE
ASSY	ASSEMBLY	PL	PROPERTY LINE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	PVC	POLYVINYL CHLORIDE
AWWA	AMERICAN WATER WORKS ASSOCIATION	PVMT	PAVEMENT
CATV	CABLE TV	R	RADIUS
CB	CATCH BASIN	ROW	RIGHT OF WAY
CL	CENTER LINE, CLASS	RT	RIGHT
CO	CLEAN OUT	S	SLOPE, SOUTH
COMP	COMPACT/COMPACTED	SCH	SCHEDULE
CONC	CONCRETE	SD	STORM DRAIN
C&G	CURB & GUTTER	SDMH	STORM DRAIN MANHOLE
DI	DROP INLET/DUCTILE IRON	SDR	STANDARD DIMENSION RATIO
DTL	DETAIL	SF	SQUARE FEET
DIA. Ø	DIAMETER	SHT	SHEET
DWG	DRAWING	SS	SANITARY SEWER
EXIST	EXISTING	SSMH	SANITARY SEWER MANHOLE
E	EAST	SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
EA	EACH	STA	STATION
ELECT	ELECTRIC/ELECTRICAL	STD	STANDARD
EL. ELEV	ELEVATION	STL	STEEL
EP	EDGE OF PAVEMENT	SVC	SERVICE
F	FEET	T, TELE	TELEPHONE
FG	FINISH GRADE	T.B.C.	TOP BACK OF CURB
FL	FLOWLINE	TOC	TOP OF CURB/TOP OF CONCRETE
G	GAS	TOP	TOP OF PIPE/TOP OF CONCRETE
GS	GAS SERVICE	TOP	TOP OF PIPE
GRD	GRADE	T.O.V.	TOP OF VAULT
GV	GAS VALVE/GATE VALVE	TRANS	TRANSFORMER
HORIZ	HORIZONTAL	TYP	TYPICAL
HV	HORIZONTAL/VERTICAL	U/G	UNDERGROUND
HYD	HYDRANT	U/E	UNDERGROUND ELECTRIC
INC	INCLUDED/INCLUDING	UL	UNDERWRITERS LABORATORIES
IRR, IRRG	IRRIGATION LINE	VG	VALLEY GUTTER
LAT	LATERAL	VERT	VERTICAL
LF	LINAL FEET	W	WEST, WATER
MAX	MAXIMUM	W/O	WITHOUT
MDD	MAXIMUM DRY DENSITY	WS	WATER SERVICE
MH	MANHOLE	WV	WATER VALVE
MIN	MINIMUM		
MMD	MAXIMUM MARSHAL DENSITY		

**STORMWATER CONSTRUCTION NOTES:**

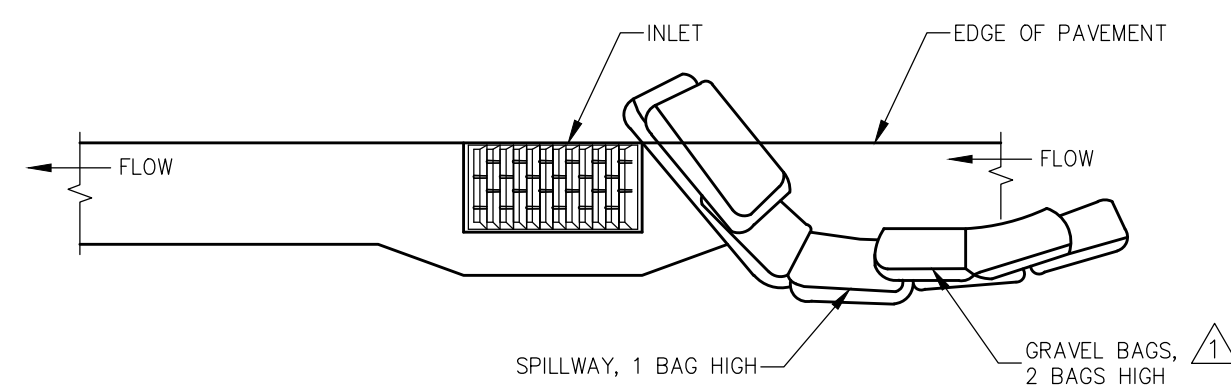
- ① PLACE STORM DRAIN INLET PROTECTION DOWNSTREAM FROM CONSTRUCTION

**SHEET INDEX &  
 STORMWATER PROTECTION PLAN**

SCALE: 1"=100'



**TYPICAL PROTECTION FOR INLET ON SUMP**  
 NTS



**TYPICAL PROTECTION FOR INLET ON GRADE**  
 NTS

**NOTES:**

- INTENDED FOR TEMPORARY SHORT-TERM USE.
- USE TO MANAGE CURB WATER FLOW.
- SEDIMENT CAPTURED BEHIND GRAVEL BAGS SHALL BE REMOVED WEEKLY DURING CONSTRUCTION.
- INLET PROTECTION MUST BE PROPERLY MAINTAINED WHILE IN PLACE AND REMOVED WHEN REQUIREMENTS OF NDEP PERMIT HAVE BEEN MET.
- GRAVEL BAGS SHALL BE FILLED WITH 3/4 INCH WASHED ROCK.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	GRAVEL BAG	05/14		CARSON CITY
<b>STORM DRAIN INLET PROTECTION</b>				DRAWING NO. C-4.1.7
APPROVED BY: [Signature]				DATE: 5/2014

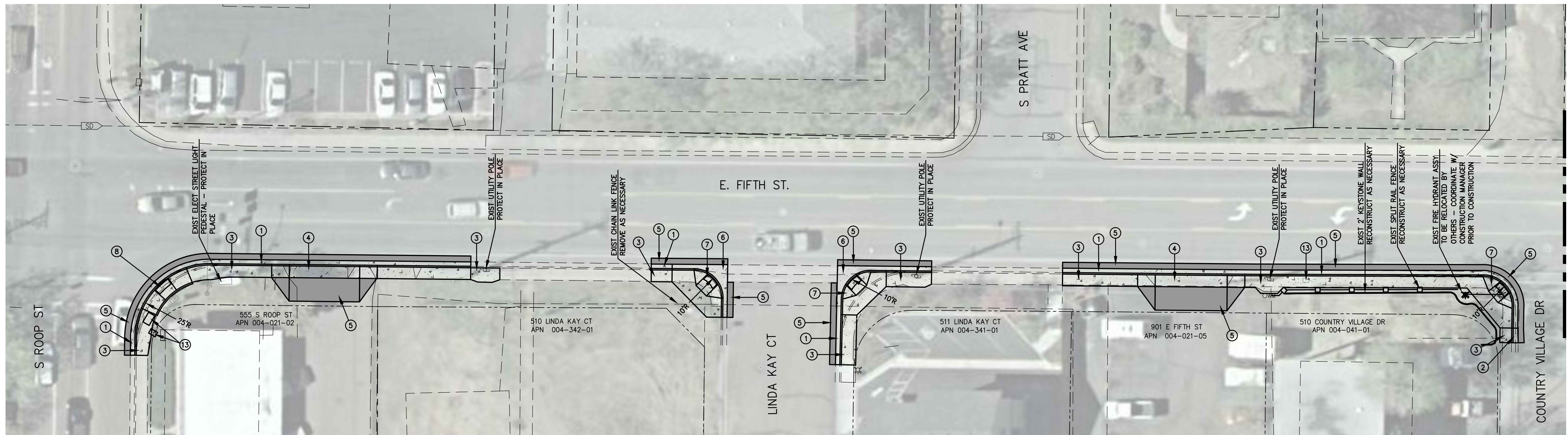
**LEGEND**

EXISTING		PROPOSED
---	APPROX. PROPERTY LINE	---
---	CENTER LINE	---
---	EASEMENT	---
---	FENCE	---
---	EDGE OF PAVEMENT	---
---	CONSTRUCTION NOTE	XX
---	WATER MAIN	---
---	WATER VALVE	---
---	FIRE HYDRANT	---
---	AIR RELEASE VALVE	---
---	SEWER PIPE	---
---	SEWER MANHOLE	---
---	STORMDRAIN MANHOLE	---
---	SURVEY POINT	---
---	SURVEY CONTROL POINT	---
---	FLOW LINE/DRAINAGE SWALE	---
---	CONTOUR ELEVATION	---
---	SPOT ELEVATION	---
---	POWER POLE	---
---	OVERHEAD POWER	---
---	GUY WIRE	---



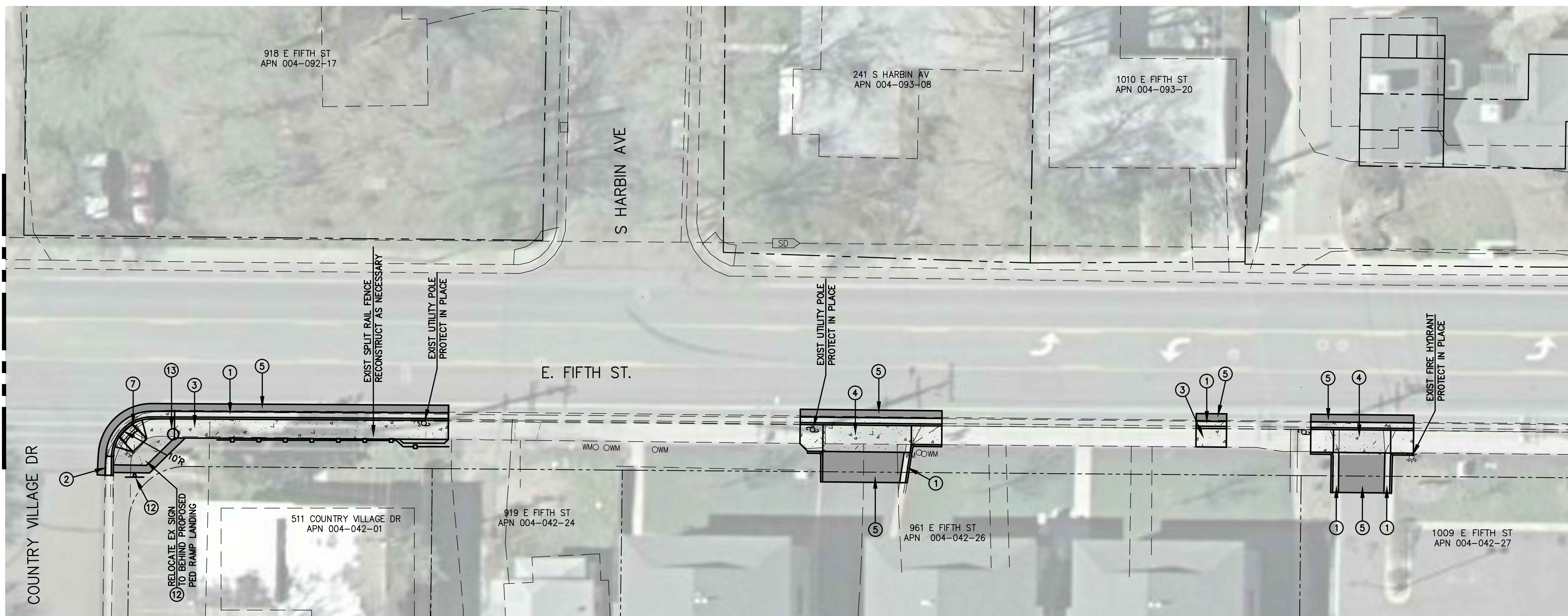
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BID SET



**E. FIFTH ST. - PLAN VIEW**

SCALE: 1"=20'



**E. FIFTH ST. - PLAN VIEW**

SCALE: 1"=20'

**CONSTRUCTION NOTES**

- ① SAWCUT & REMOVE EXIST PCC CURB AND GUTTER. CONSTRUCT TYPE 1 CURB AND GUTTER PER STANDARD DETAIL C-5.1.3.
- ② CONSTRUCT CURB & GUTTER TRANSITION PER DETAIL 1 SHEET C7.
- ③ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT TYPE "A" SIDEWALK PER STANDARD DETAIL C-5.2.2. PROVIDE A MINIMUM OF 5 FEET CLEARANCE AROUND OBSTACLES.
- ④ SAWCUT & REMOVE EXIST PCC DRIVEWAY APRON. CONSTRUCT TYPE 1 PCC DRIVEWAY APRON PER STANDARD DETAIL C-5.2.3.
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- ⑤ SAWCUT AND REMOVE EXIST AC PAVEMENT. PATCH PER STANDARD DETAIL C-5.1.6.
- ⑥A SAWCUT AND REMOVE EXISTING VALLEY GUTTER SPANDREL. CONSTRUCT VALLEY GUTTER SPANDREL PER STANDARD DETAIL C-5.1.2.
- ⑥B SAWCUT AND REMOVE EXISTING VALLEY GUTTER. CONSTRUCT VALLEY GUTTER PER STANDARD DETAIL C-5.1.2.
- ⑦ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT PERPENDICULAR APEX CURB RAMP PER STANDARD DETAIL C-5.3.3.
- ⑧ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT APEX PARALLEL CURB RAMP PER STANDARD DETAIL C-5.3.5.
- ⑨ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT OFFSET LINEAR CURB RAMP PER STANDARD DETAIL C-5.3.7.
- ⑩ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT SINGLE ADJACENT LINEAR CURB RAMP PER STANDARD DETAIL C-5.3.8.
- ⑪ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT MID-BLOCK CURB RAMP PER STANDARD DETAIL C-5.3.9.
- ⑫ RELOCATE EXISTING STREET SIGN PER STANDARD DETAIL C-5.4.2.
- ⑬ ADJUST EXISTING UTILITY RIM TO FINISH GRADE. COORDINATE WITH UTILITY COMPANY.



**E. FIFTH STREET  
PEDESTRIAN IMPROVEMENTS  
PROJECT No. 03.1502.2**

**E. FIFTH STREET  
PLAN VIEW**

SHEET  
**C3**  
OF  
**9**

REV.	DATE	DESCRIPTION	BY	APP'D



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PH: 775-887-2355 FAX: 775-887-2112

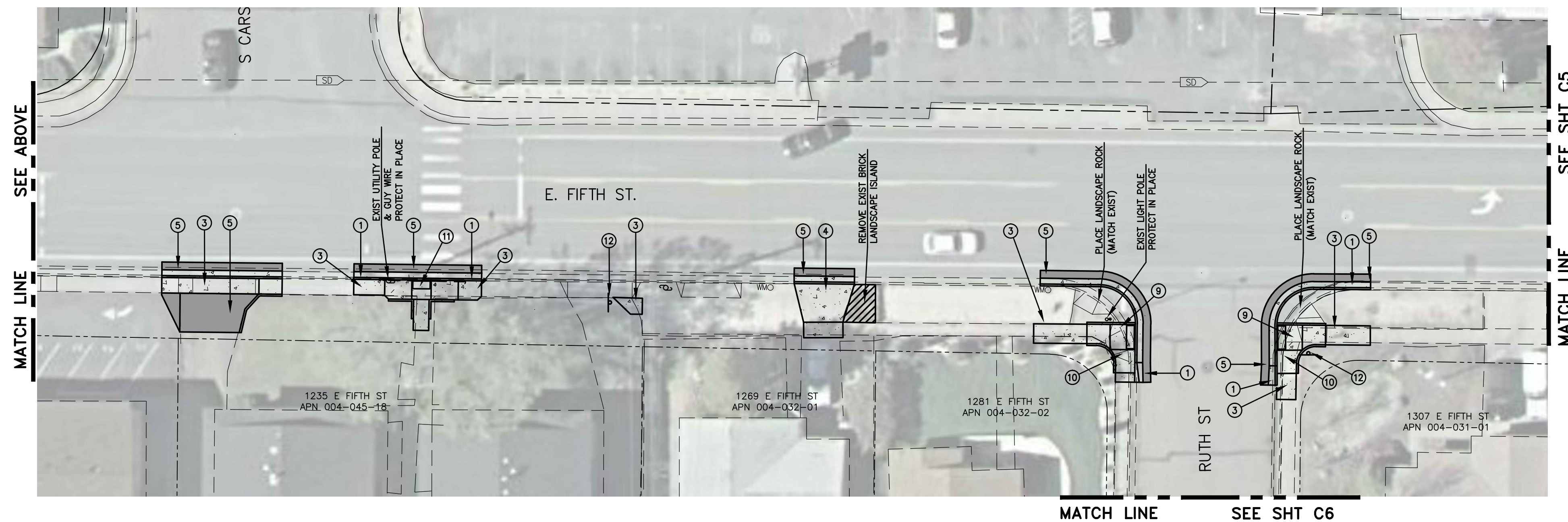
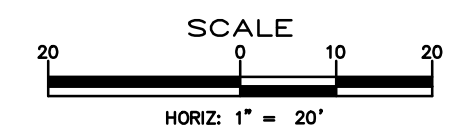
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SCALE (HORIZ): 1"=20'  
SCALE (VERT): N.T.S.  
PLOT DATE: 2014 JULY 09

BID SET



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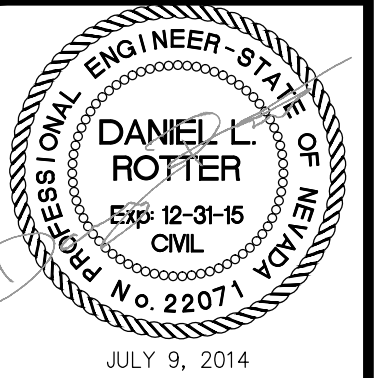
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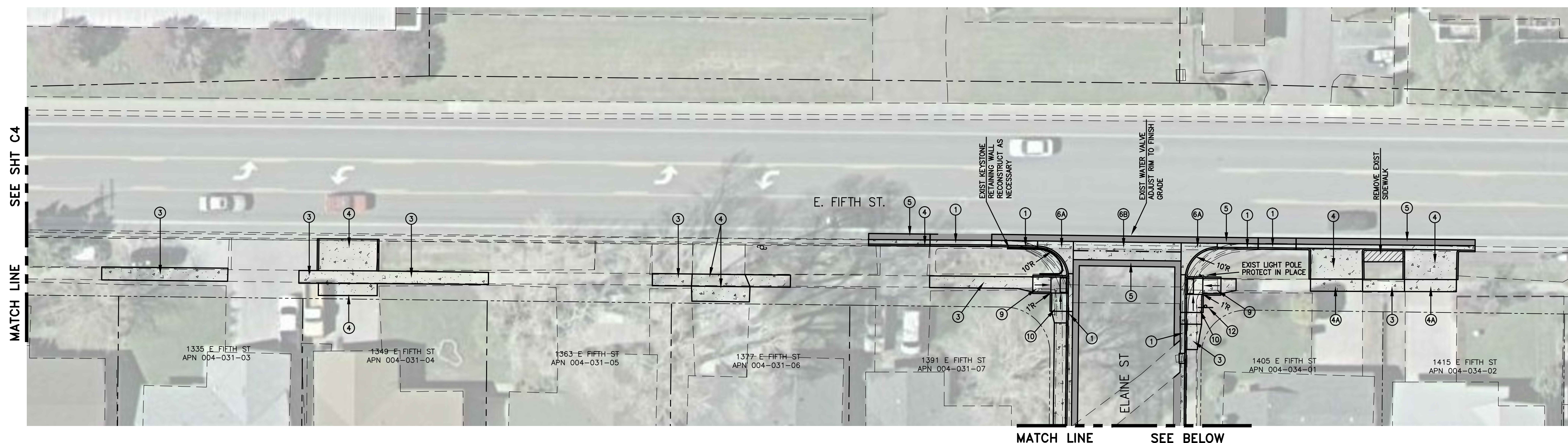


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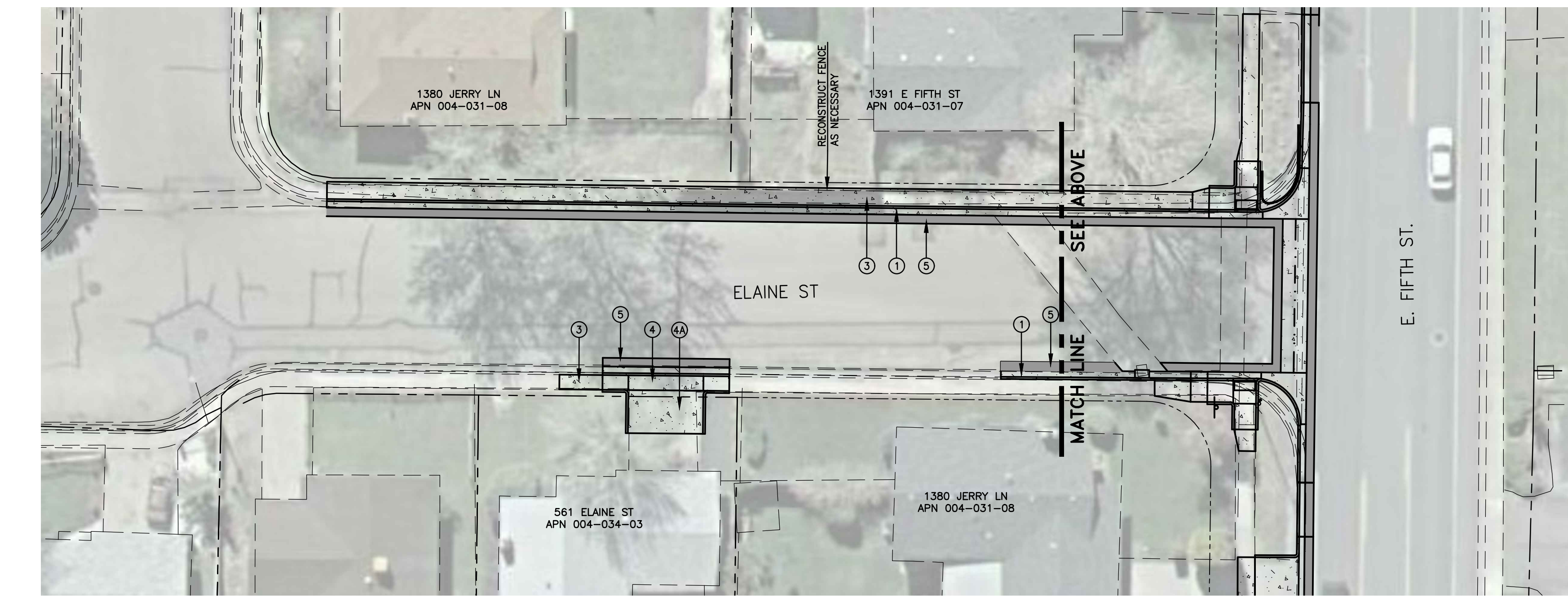
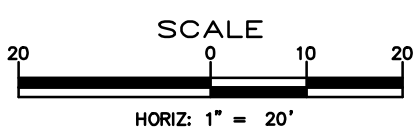
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 SCALE (HORIZ): 1"=20'  
 SCALE (VERT): N.T.S.  
 PLOT DATE: 2014 JULY 09

**CARSON CITY  
 PUBLIC WORKS DEPARTMENT**  
 3505 BUTTI WAY CARSON CITY, NEVADA 89701  
 PH: 775-887-2355 FAX: 775-887-2112

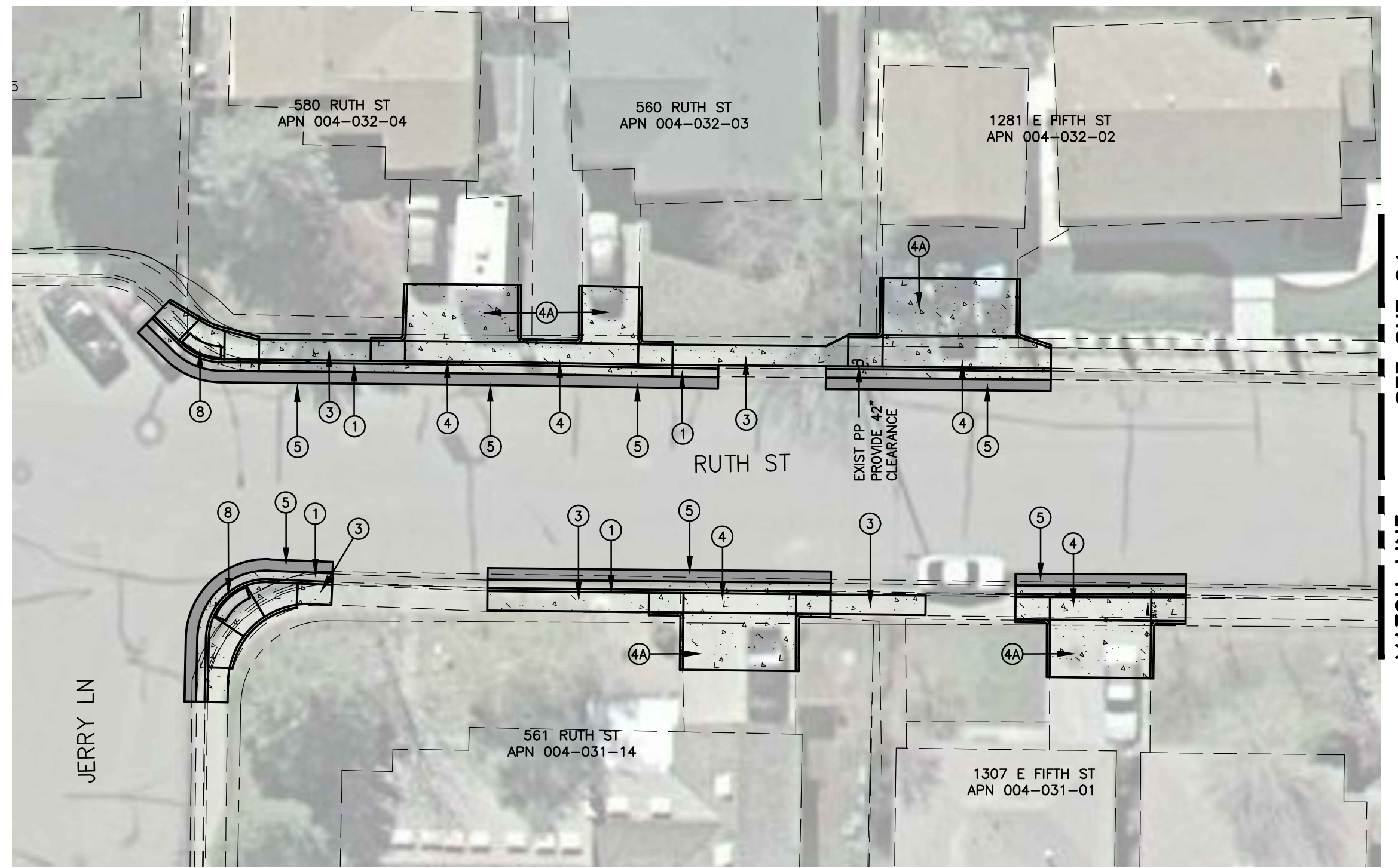


REV.	DATE	DESCRIPTION	BY	APP'D

**E. FIFTH STREET  
 PEDESTRIAN IMPROVEMENTS  
 PROJECT No. 03.1302.2**  
**E. FIFTH ST & ELAINE ST  
 PLAN VIEW**

SHEET  
**C5**  
 OF  
**9**

BID SET

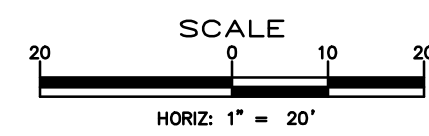


**RUTH ST. - PLAN VIEW**

SCALE: 1"=20'

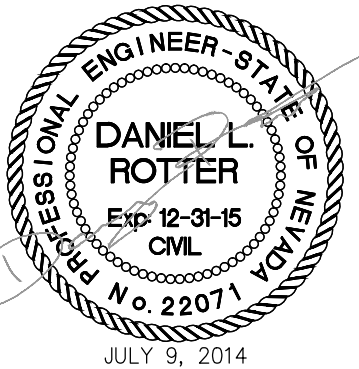
**CONSTRUCTION NOTES**

- ① SAWCUT & REMOVE EXIST PCC CURB AND GUTTER. CONSTRUCT TYPE 1 CURB AND GUTTER PER STANDARD DETAIL C-5.1.3.
- ② CONSTRUCT CURB & GUTTER TRANSITION PER DETAIL 1 SHEET C7.
- ③ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT TYPE "A" SIDEWALK PER STANDARD DETAIL C-5.2.2. PROVIDE A MINIMUM OF 5 FEET CLEARANCE AROUND OBSTACLES.
- ④ SAWCUT & REMOVE EXIST PCC DRIVEWAY APRON. CONSTRUCT TYPE 1 PCC DRIVEWAY APRON PER STANDARD DETAIL C-5.2.3.
- ④A SAWCUT AND REMOVE EXISTING PCC DRIVEWAY. CONSTRUCT DRIVEWAY PER STANDARD DETAIL C-5.2.3.
- ⑤ SAWCUT AND REMOVE EXIST AC PAVEMENT. PATCH PER STANDARD DETAIL C-5.1.6.
- ⑥A SAWCUT AND REMOVE EXISTING VALLEY GUTTER SPANDREL. CONSTRUCT VALLEY GUTTER SPANDREL PER STANDARD DETAIL C-5.1.2.
- ⑥B SAWCUT AND REMOVE EXISTING VALLEY GUTTER. CONSTRUCT VALLEY GUTTER PER STANDARD DETAIL C-5.1.2.
- ⑦ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT PERPENDICULAR APEX CURB RAMP PER STANDARD DETAIL C-5.3.3.
- ⑧ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT APEX PARALLEL CURB RAMP PER STANDARD DETAIL C-C-5.3.5.
- ⑨ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT OFFSET LINEAR CURB RAMP PER STANDARD DETAIL C-5.3.7.
- ⑩ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT SINGLE ADJACENT LINEAR CURB RAMP PER STANDARD DETAIL C-5.3.8.
- ⑪ SAWCUT & REMOVE EXIST PCC SIDEWALK. CONSTRUCT MID-BLOCK CURB RAMP PER STANDARD DETAIL C-5.3.9.
- ⑫ RELOCATE EXISTING STREET SIGN PER STANDARD DETAIL C-5.4.2.
- ⑬ ADJUST EXISTING UTILITY RIM TO FINISH GRADE. COORDINATE WITH UTILITY COMPANY.



DESIGNED BY: BD  
 DRAWN BY: BD  
 CHECKED BY: DA  
 DWG NO.: 3.1301BS1  
 SCALE (HORIZ): 1"=20'  
 SCALE (VERT): N.T.S.  
 PLOT DATE: 2014 JULY 09

**CARSON CITY  
 PUBLIC WORKS DEPARTMENT**  
 3505 BUTTI WAY CARSON CITY, NEVADA 89701  
 PH: 775-887-2555 FAX: 775-887-2112



REV.	DATE	DESCRIPTION	BY	APP'D

**E. FIFTH STREET  
 PEDESTRIAN IMPROVEMENTS  
 PROJECT No. 03.1302.2**  
**RUTH ST  
 PLAN VIEW**



SHEET  
**C6**  
 OF  
**9**

BID SET

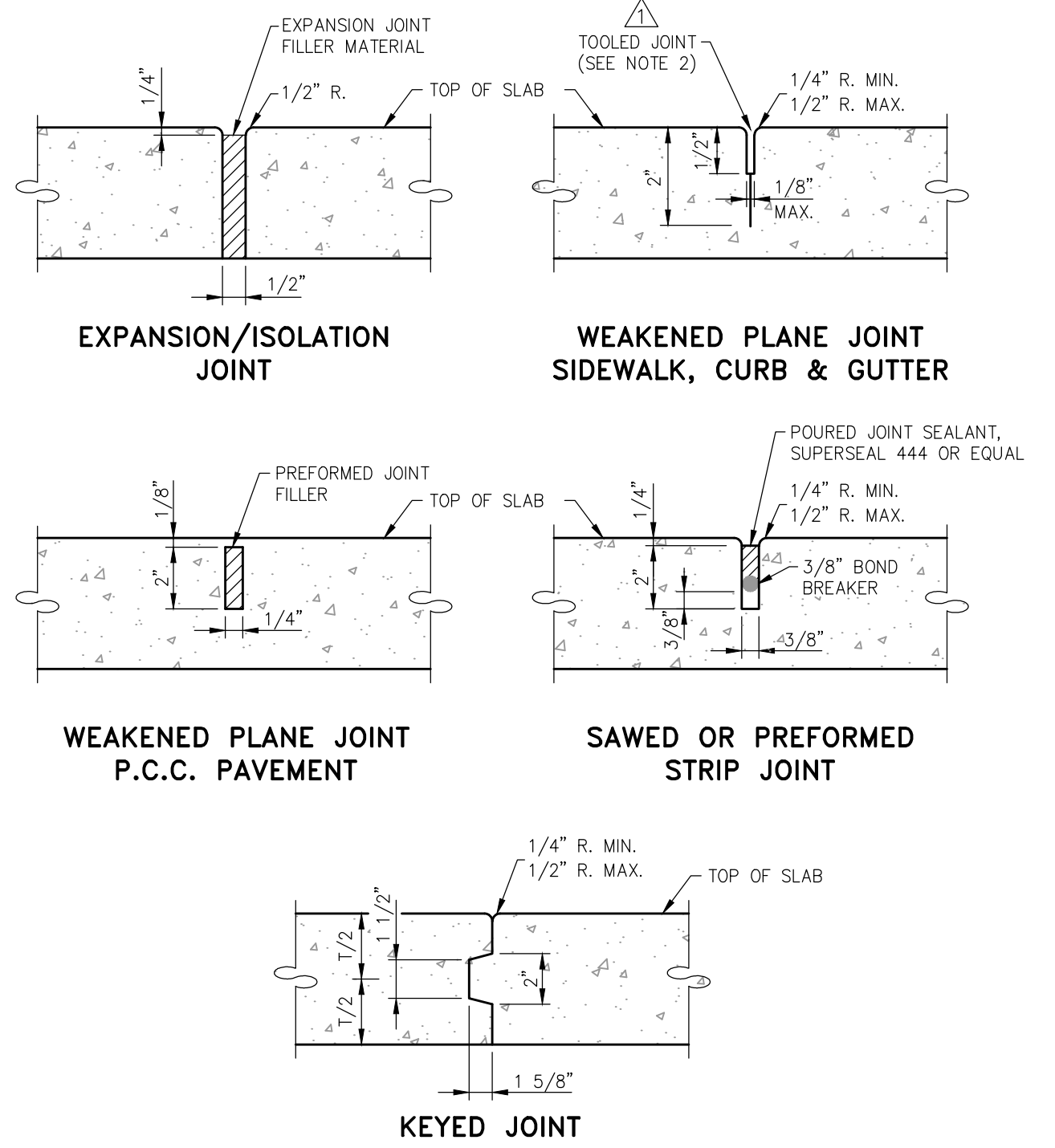
C:\Spartan\PROJECTS\Projects\031302.2-56105\Drawings\031302.2-56105-Plan\DWG\03.1301-BS1.dwg

- 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 6 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 CONTRACTOR'S 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).

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTE 2	05/14		CARSON CITY

APPROVED BY: 05/14

### GENERAL NOTES

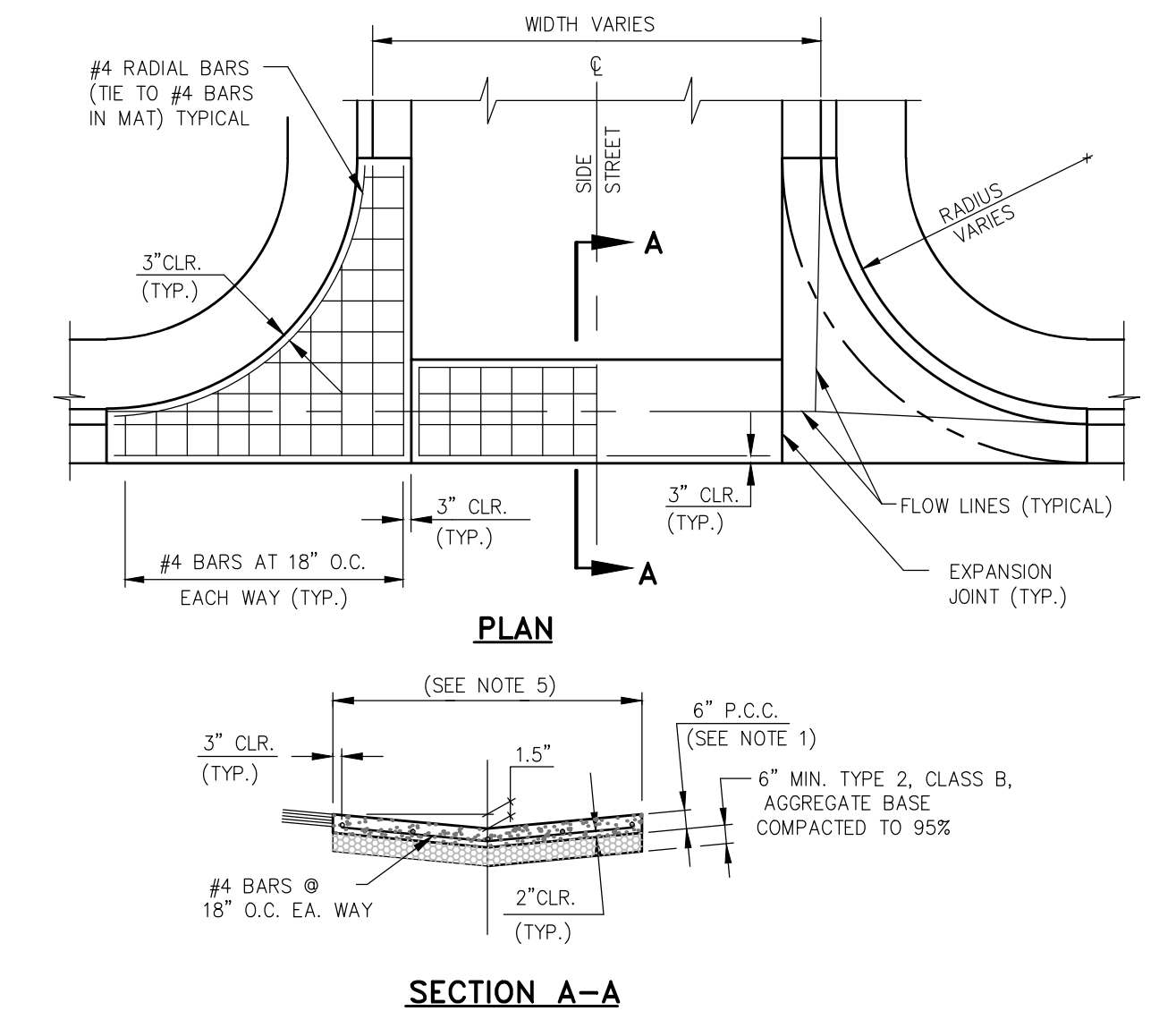


- NOTES:**
- ALL CONCRETE EDGING AND JOINTING SHALL CONFORM TO SECTION 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
  - AFTER PRELIMINARY TROWELING, THE CONCRETE SHALL BE PARTED TO A DEPTH OF 2 INCHES WITH A STRAIGHTEDGE. THE CONCRETE SHALL THEN BE REFLOATED TO FILL THE PARTED JOINT WITH MORTAR. FINAL JOINT FINISHING SHALL BE ACCOMPLISHED WITH A JOINTER TOOL AS SHOWN. (SSPWC 312.09.02)

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	REVISION 1	5/14		CARSON CITY

APPROVED BY: 5/14

### P.C.C. JOINTING DETAILS

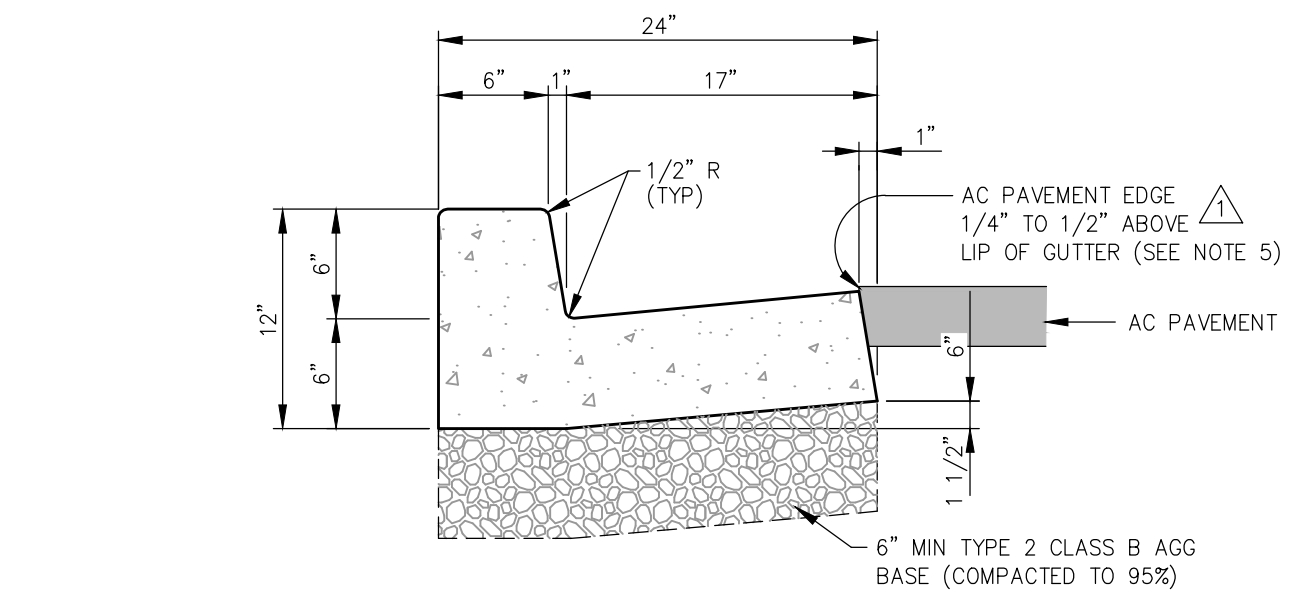


- NOTES:**
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN. COMPRESSIVE STRENGTH @ 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202. POLYPROPYLENE FIBERS SHALL BE ADDED TO THE P.C.C. PER THE MANUFACTURER'S RECOMMENDATIONS.
  - FOR INDUSTRIAL AREAS, AN ENGINEERED DESIGN IS REQUIRED.
  - AGGREGATE BASE SHALL BE ENGINEERED TYPE 2, CLASS B WITH 95% COMPACTION.
  - VALLEY GUTTER SHALL HAVE WEAKENED PLANE JOINTS EVERY 10 FEET.
  - LOCAL AND COLLECTOR STREETS, WIDTH = 6 FEET. ARTERIAL STREETS (DRIVEWAYS ONLY), WIDTH = 10 FEET.
  - VALLEY GUTTER SECTIONS (SPANDRELS) ALONG CURB & GUTTER SHALL BE A MONOLITHIC POUR AS SHOWN.
  - ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL C-5.1.1 AND CONFORM TO SECTION 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1		7/09		CARSON CITY

APPROVED BY: 7/09

### P.C.C. VALLEY GUTTER

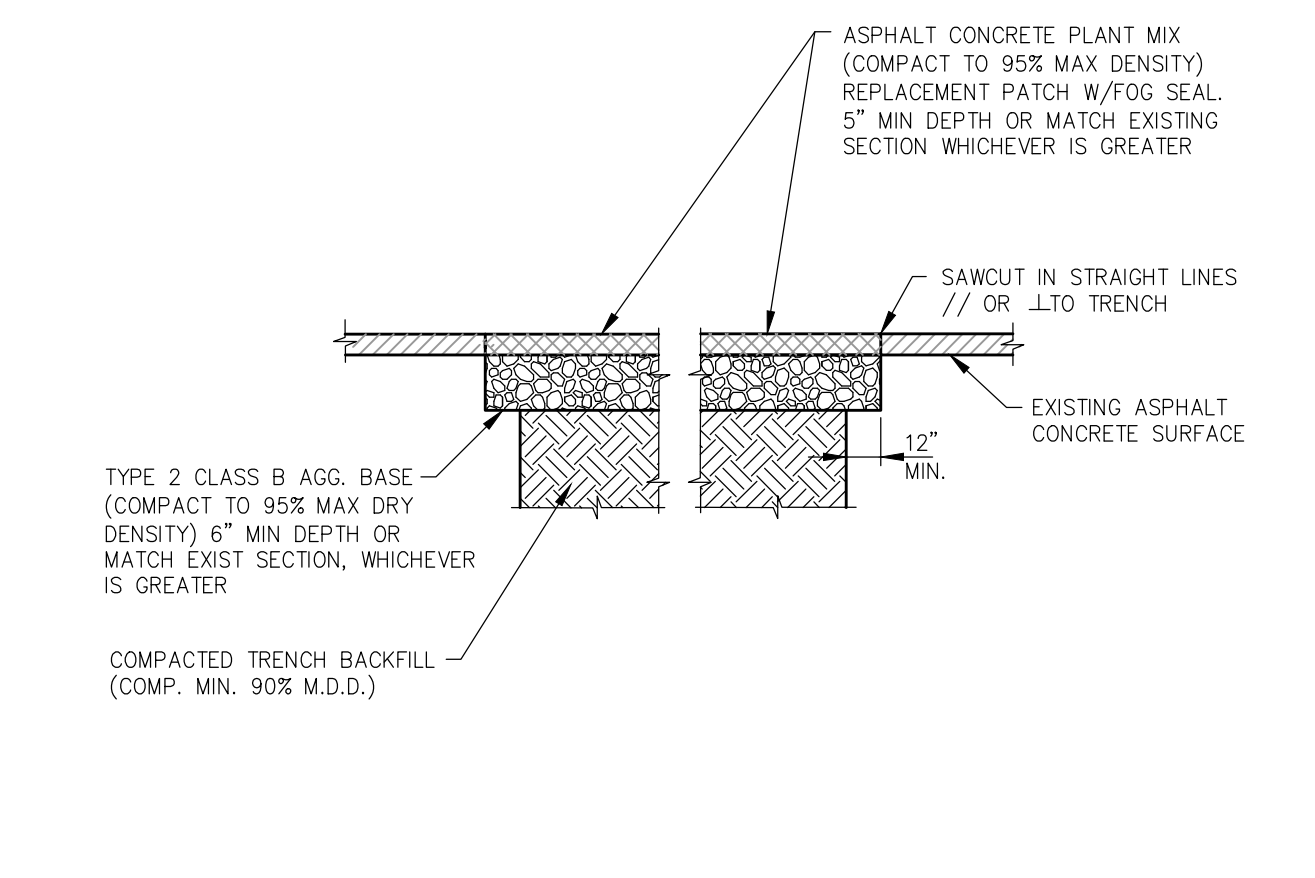


- NOTES:**
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN. COMPRESSIVE STRENGTH @ 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SECTION 202 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
  - ALL CONCRETE CURB & GUTTER SHALL HAVE 1/2 INCH EXPANSION JOINTS EVERY 30 FEET (UNLESS APPROVED OTHERWISE BY THE ENGINEER) AND AT ALL CURB RETURNS AND SHALL HAVE WEAKENED PLANE JOINTS EVERY 10 FEET. CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL C-5.1.1 AND CONFORM TO SECTION 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
  - ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND CONFORM TO SECTION 200.01 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AND SHALL BE MECHANICALLY COMPACTED TO 95% COMPACTION, IN CONFORMANCE WITH SECTION 308.05 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
  - CURBS SHALL BE MARKED WITH A 2 INCH "S" ON THE TOP OF CURB AT SEWER LATERAL LOCATIONS.
  - EXCEPTION: AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LIP OF GUTTER WHEN LOCATED ADJACENT TO A PEDESTRIAN RAMP, WITHIN AN ACCESSIBLE ROUTE OR BIKE LANE.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	AC/LIP	06/12		CARSON CITY
2	NOTE 5	05/14		CARSON CITY

APPROVED BY: 05/14

### PCC CURB & GUTTER TYPE 1



- NOTES:**
- IF SAWCUT IS WITHIN 24 INCHES OF EDGE OF A.C. PAVEMENT REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
  - BITUMINOUS MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 201 AND 320 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
  - MIXING, SPREADING, AND COMPACTING OF BITUMINOUS PAVEMENT SHALL BE DONE ONLY WHEN THE SURFACE ON WHICH THE MATERIALS ARE TO BE PLACED IS DRY AND WHEN THE ATMOSPHERIC TEMPERATURE IS ABOVE 50 DEGREES FAHRENHEIT AND HAS NOT BEEN BELOW 40 DEGREES FAHRENHEIT DURING THE PRECEDING 24 HOURS.
  - FINISHED SURFACE VARIATIONS SHALL BE 0 TO 0.25 INCHES ABOVE EXISTING SURFACE. ALL HUMPS EXCEEDING THIS TOLERANCE SHALL BE CORRECTED BY REMOVAL OF MATERIAL AND REPLACING IT WITH NEW MATERIAL. FINISHED SURFACE OF PATCH SHALL NOT BE BELOW EXISTING ADJACENT SURFACE.
  - PLANT MIX BITUMINOUS PAVEMENT SURFACE COURSE SHALL BE PG-64-22 TYPE 3 AND SUB SURFACE COURSES SHALL BE PG-64-22 TYPE 3 UNLESS OTHERWISE NOTED.
  - PLANT MIX BITUMINOUS PAVEMENT PATCHES SHALL MATCH EXISTING SECTION OR HAVE A MINIMUM THICKNESS OF 5 INCHES, WHICHEVER IS GREATER.
  - PLANS SHALL SPECIFY PAVEMENT PATCH AND AGGREGATE BASE DEPTHS AS SPECIFIED BY THE DESIGN ENGINEER.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	5" AC DEPTH	09/11		CARSON CITY

APPROVED BY: 09/11

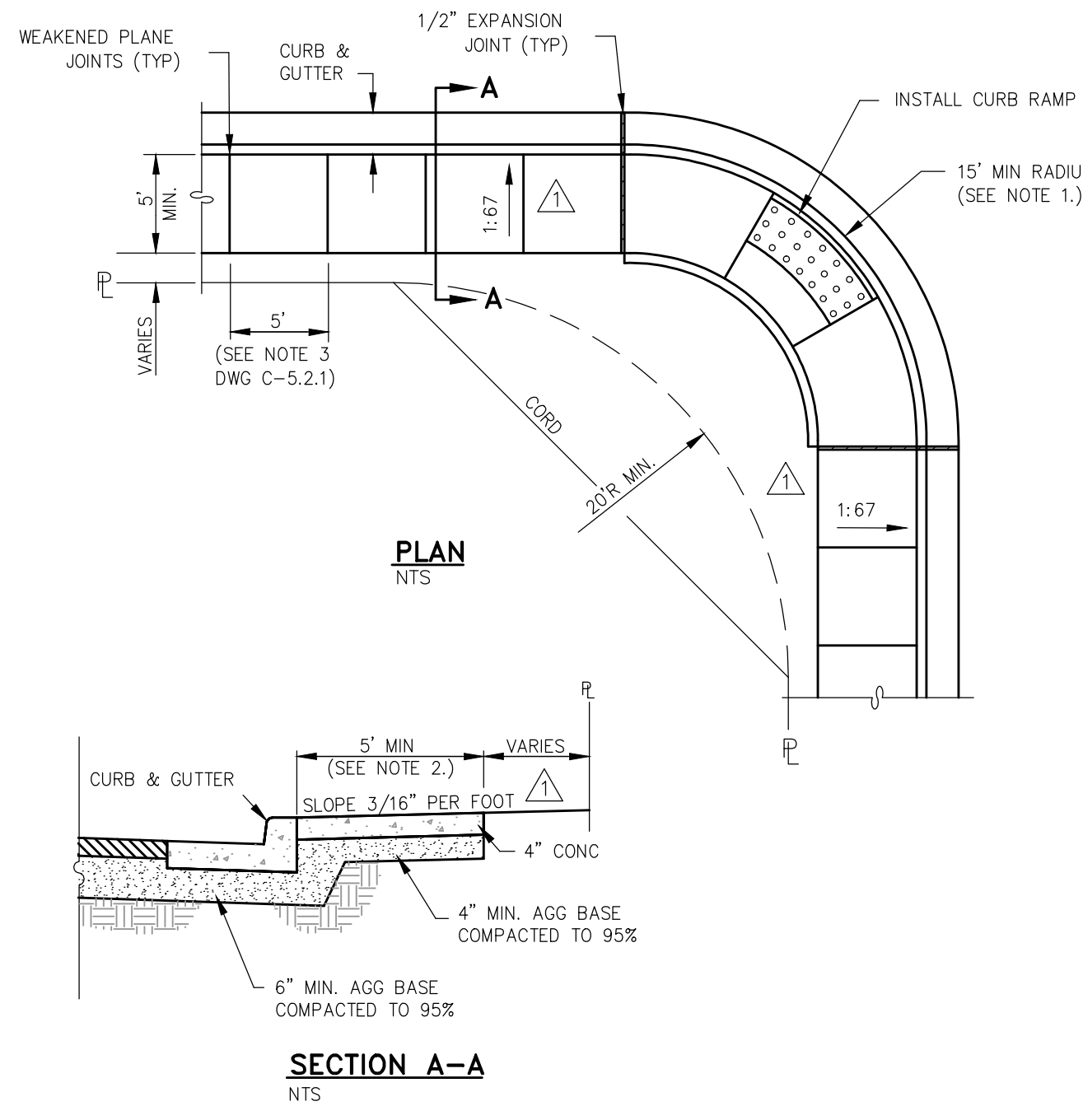
### PAVEMENT PATCH

- NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED AND APPROVED BY CARSON CITY PUBLIC WORKS.
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), WITH COARSE AGGREGATE GRADATION CONFORMING TO SIZE NO. 67 PER SECTION 200.05.03 OF THE STANDARD SPECIFICATIONS, AND SHALL HAVE A 1 TO 4 INCH SLUMP, AND 4 TO 7 PERCENT ENTRAINMENT AIR, 4000 PSI MIN. COMPRESSIVE STRENGTH @ 28 DAYS, MIN. 6 SACKS OF TYPE II CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DETAIL C-5.1.1 AND CONFORM TO SEC. 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY PUBLIC WORKS. A MINIMUM SURFACE OF 5 FEET X 5 FEET CLEAR IS REQUIRED WHEN DIRECTION OF TRAVEL MAY CHANGE AND A MINIMUM SURFACE OF 4 FEET CLEAR IS REQUIRED WHERE DIRECTION OF TRAVEL IS NOT EXPECTED TO CHANGE, UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
- EXISTING CONCRETE SHALL BE REMOVED TO A NEAT SAWCUT LINE OR NEAREST EXPANSION JOINT.
- ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND SHALL CONFORM TO SEC.200.01 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- NEW CONCRETE SHALL HAVE A HEAVY BROOM FINISH PERPENDICULAR TO SIDEWALK.
- AC PAVEMENT EDGE SHALL BE 1/4 INCH TO 1/2 INCH ABOVE THE LIP OF GUTTER. EXCEPTION: AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LIP OF GUTTER WHEN LOCATED ADJACENT TO A PEDESTRIAN RAMP, WITHIN AN ACCESSIBLE ROUTE OR BIKE LANE.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTE B	05/14		CARSON CITY

APPROVED BY: 05/14

### SIDEWALK AND DRIVEWAY GENERAL NOTES

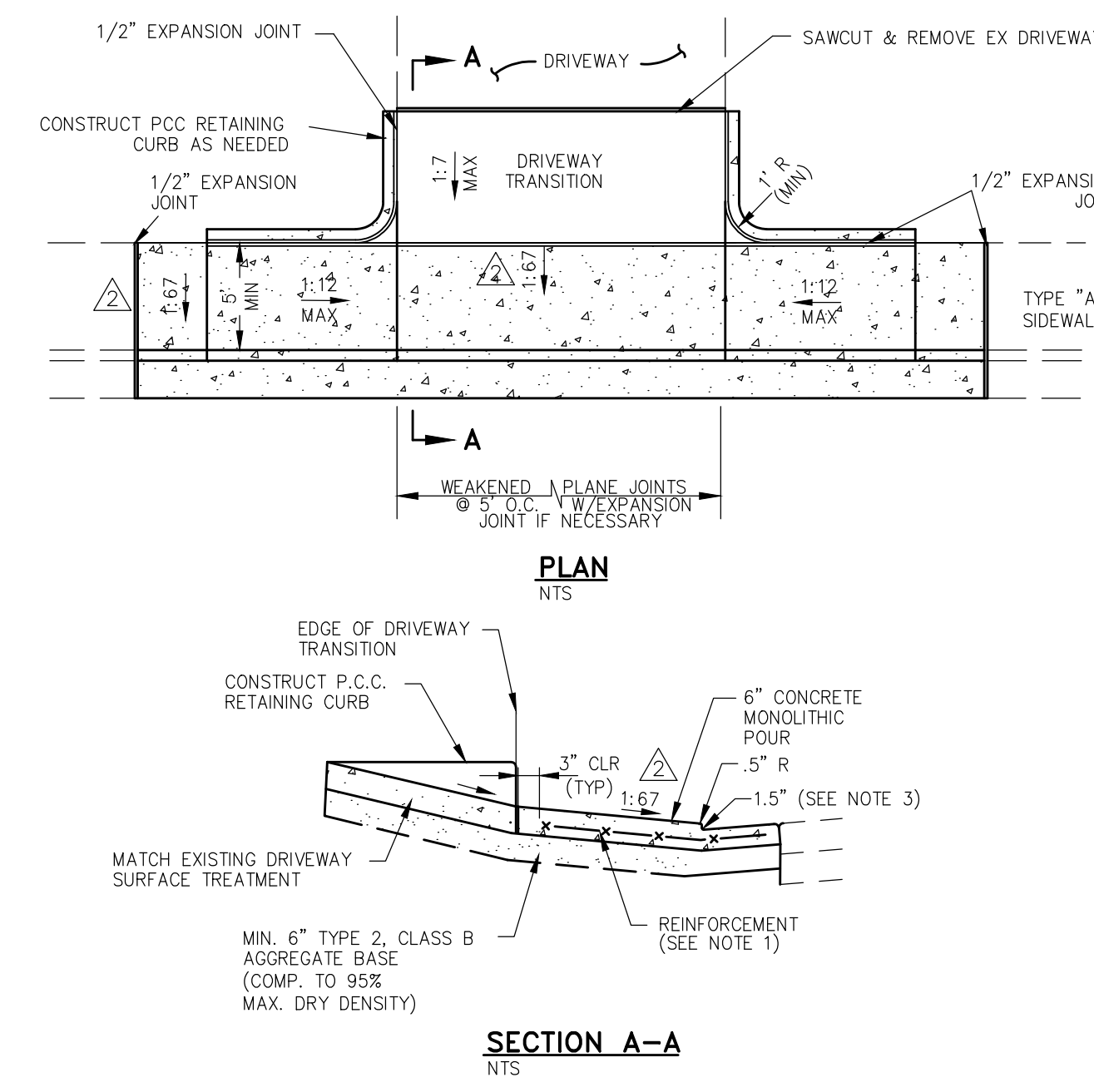


- NOTES:**
- MINIMUM CURB RETURN RADIUS SHALL BE 15 FEET UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
  - SOME STREETS MAY REQUIRE WIDER SIDEWALKS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	SLOPE	06/14		CARSON CITY

APPROVED BY: 06/14

### TYPE "A" SIDEWALK (MODIFIED)



- NOTES:**
- COMMERCIAL DRIVEWAYS TO HAVE 6 INCH X 6 INCH 10/10 WIRE MESH EXTENDED INTO GUTTER PAN UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
  - DRIVEWAY LANDING, SIDEWALK, CURB & GUTTER TO BE MONOLITHIC POUR TO A.C. LANE.
  - CURB HEIGHT AT LANDING SHALL BE 1 INCH MINIMUM AND 2 INCH MAXIMUM (3 INCH MAX UPON CARSON CITY PUBLIC WORKS APPROVAL) 2 INCH RADIUS TO BE USED WHEN CURB HEIGHT AT LANDING IS GREATER THAN 2 INCHES.
  - DRIVEWAY APRONS SHALL BE CONSTRUCTED IN COMPLIANCE WITH STANDARD DETAILS C-5.1.1 AND C-5.2.1.

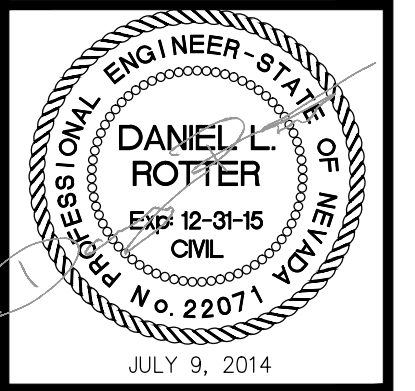
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTE 1	05/14		CARSON CITY
2	SLOPE	06/14		CARSON CITY

APPROVED BY: 05/14

### P.C.C. DRIVEWAY APRON TYPE 1 (MODIFIED)

DESIGNED BY: BD  
 DRAWN BY: BD  
 CHECKED BY: DA  
 DWG NO.: 3.1301B51  
 SCALE (HORIZ): N.I.S.  
 SCALE (VERT): N.I.S.  
 PLOT DATE: 2014 JULY 09

**CARSON CITY PUBLIC WORKS DEPARTMENT**  
 3505 BUTTI WAY CARSON CITY, NEVADA 89701  
 PH: 775-887-2355



NO.	REVISION	DATE	DESCRIPTION
1	BY APP'D		

**E. FIFTH STREET PEDESTRIAN IMPROVEMENTS PROJECT No. 03.1502.2**

SHEET **C7** OF **9**

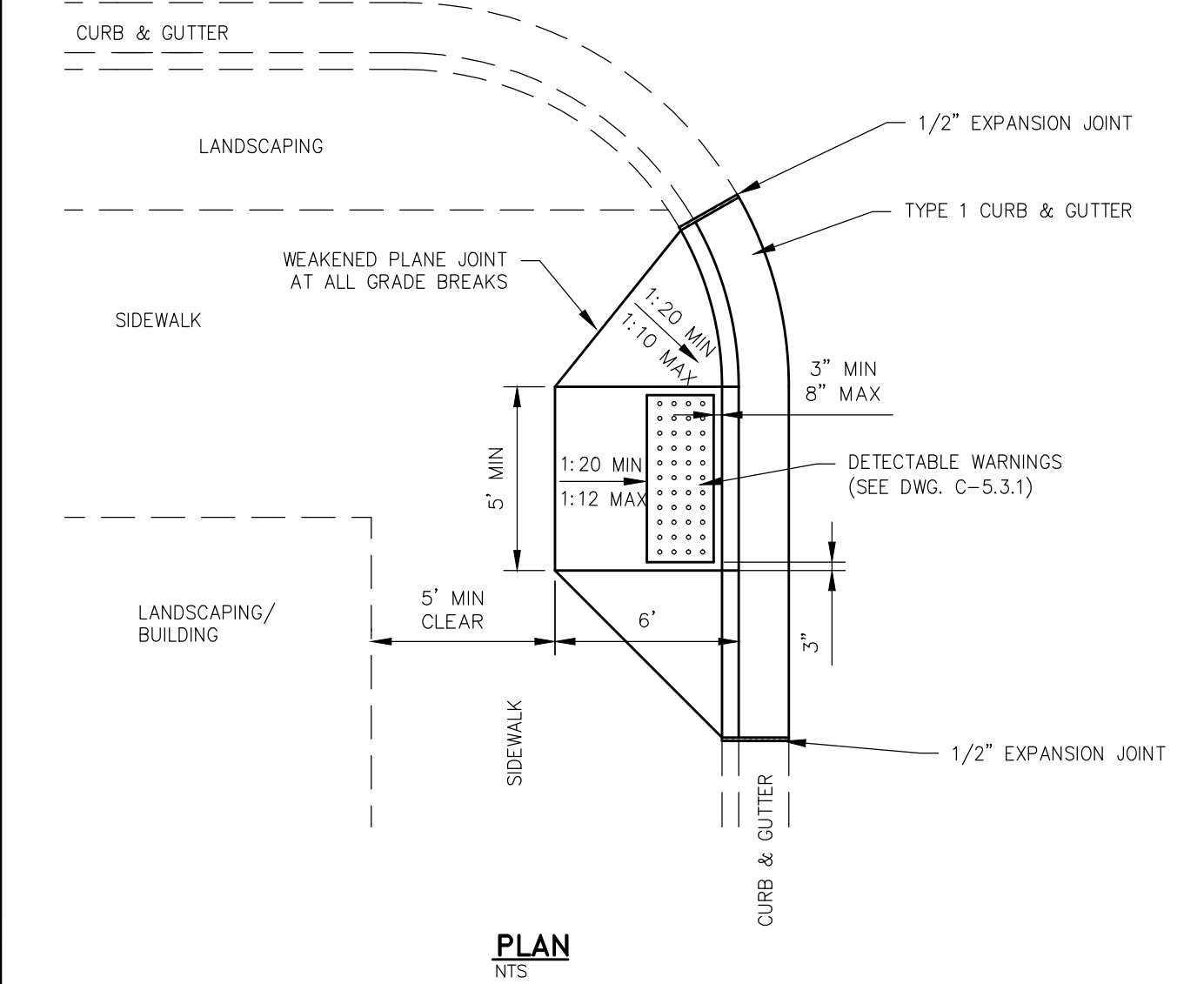
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- NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED BY CARSON CITY ENGINEERING DIVISION.
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARDS WITH A MAX. WATER/CEMENT RATIO OF 0.45. AIR ENTRAINMENT 5% ±1.5% SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DETAIL C-5.1.1 AND CONFORM TO SEC. 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. A MINIMUM LANDING OF 5 FEET X 5 FEET CLEAR IS REQUIRED WHEN DIRECTION OF TRAVEL MAY CHANGE. A MINIMUM OF 4 FEET CLEAR IS MAY BE USED UPON APPROVAL OF THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR WHERE DIRECTION OF TRAVEL IS NOT EXPECTED TO CHANGE.
- WHEN A CROSSWALK IS SERVICED BY RAMP, LANDINGS SHALL BE CONTAINED WITHIN THE CROSSWALK AREA.
- EXISTING CONCRETE SHALL BE REMOVED TO A NEAT SAWCUT LINE OR NEAREST EXPANSION JOINT.
- PLANTMIX BITUMINOUS SURFACE SHALL BE FLUSH WITH THE EDGE OF THE GUTTER PAN IN THE AREA OF THE CURB RAMP. GUTTER SHALL MAINTAIN POSITIVE DRAINAGE TO PREVENT PONDING.
- ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND SHALL CONFORM TO SEC.200.01 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- NEW CONCRETE SHALL HAVE A HEAVY BROOM FINISH PERPENDICULAR TO SIDEWALK.
- DETECTABLE WARNINGS SHALL BE EAST JORDAN IRON WORKS 7005 SERIES CAST IRON DETECTABLE WARNING PLATES OR APPROVED EQUAL. INSTALLED PER MANUFACTURERS INSTALLATION GUIDELINES AND CONFORM TO ADAAG (4.29) "DETECTABLE WARNINGS". COLOR: ASPHALT DIPPED UNLESS OTHERWISE APPROVED BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. RADIAL DETECTABLE WARNINGS SHALL BE USED WHEN REQUIRED TO MAINTAIN MINIMUM CLEARANCE OF 3 INCHES AND MAXIMUM CLEARANCE OF 8 INCHES FROM DETECTABLE WARNINGS TO BACK FACE OF CURB. RADIAL DETECTABLE WARNINGS SHALL HAVE A RADIUS WITHIN 5 FEET OF BACK FACE OF CURB RADIUS.
- AC PAVEMENT EDGE SHALL BE 1/4 INCH TO 1/2 INCH ABOVE THE LIP OF GUTTER.  
EXCEPTION: AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LIP OF GUTTER WHEN LOCATED ADJACENT TO A PEDESTRIAN RAMP OR WITHIN AN ACCESSIBLE ROUTE.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTE 11	6/12		CARBON CITY

APPROVED BY: [Signature] 6/12

**CURB RAMP GENERAL NOTES**



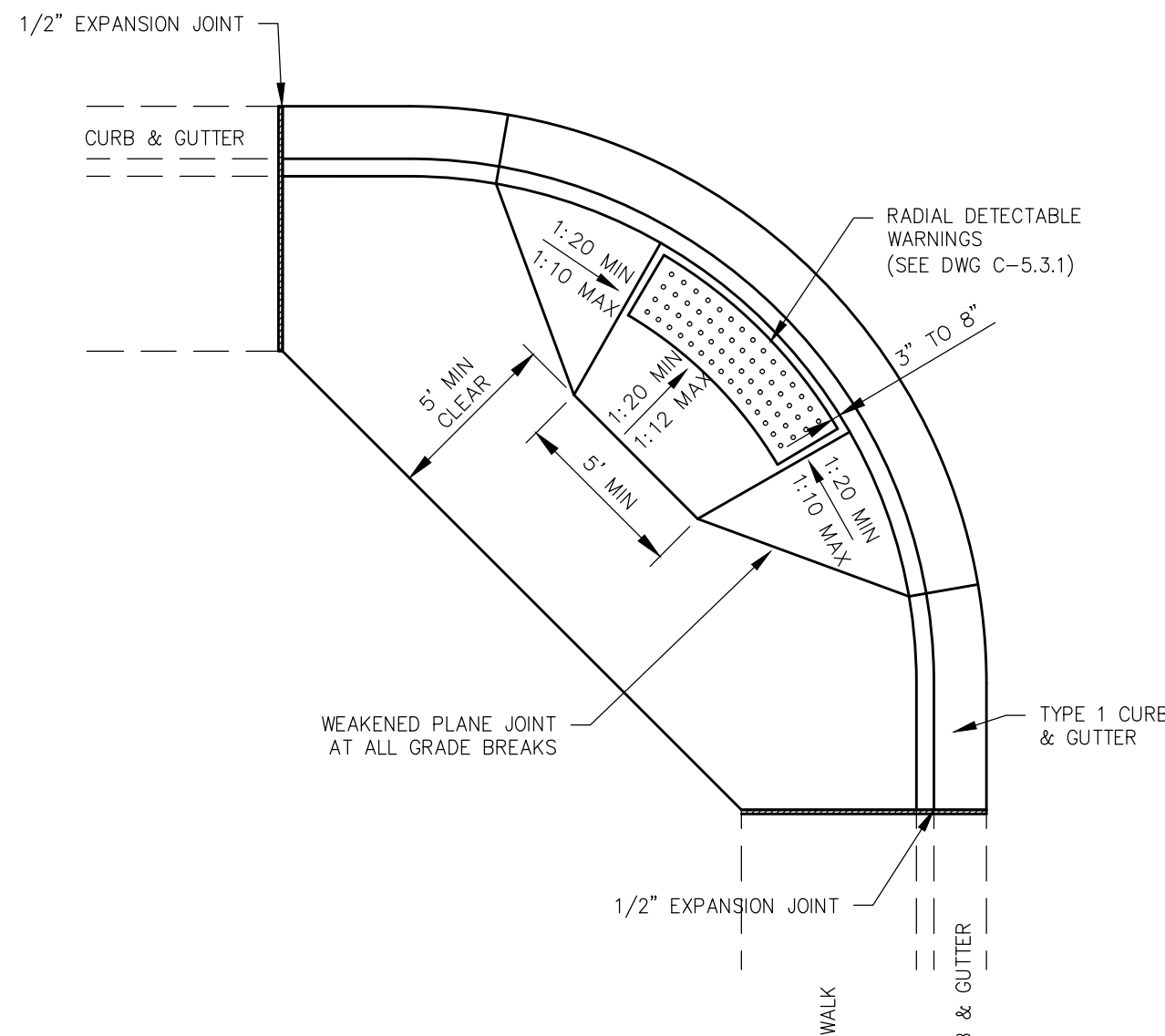
**NOTE:**

- SEE "CURB RAMP GENERAL NOTES" DWG C-5.3.1 FOR FURTHER REQUIREMENTS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
		7/09		CARBON CITY

APPROVED BY: [Signature] 7/09

**PERPENDICULAR CURB RAMP DIRECTIONAL**



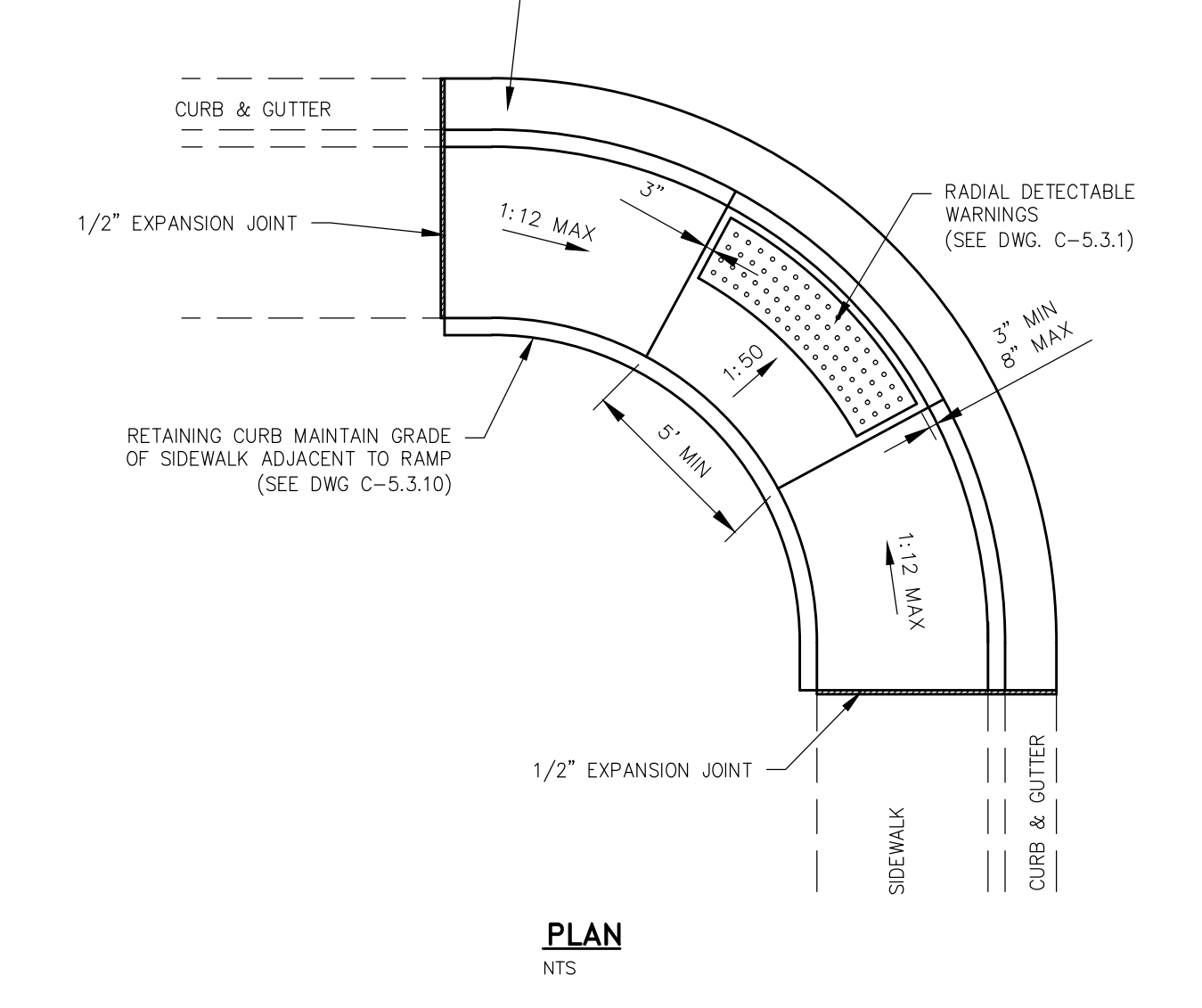
**NOTES:**

- SEE "CURB RAMP GENERAL NOTES" DWG C-5.3.1 FOR FURTHER REQUIREMENTS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
		7/09		CARBON CITY

APPROVED BY: [Signature] 7/09

**PERPENDICULAR CURB RAMP APEX**



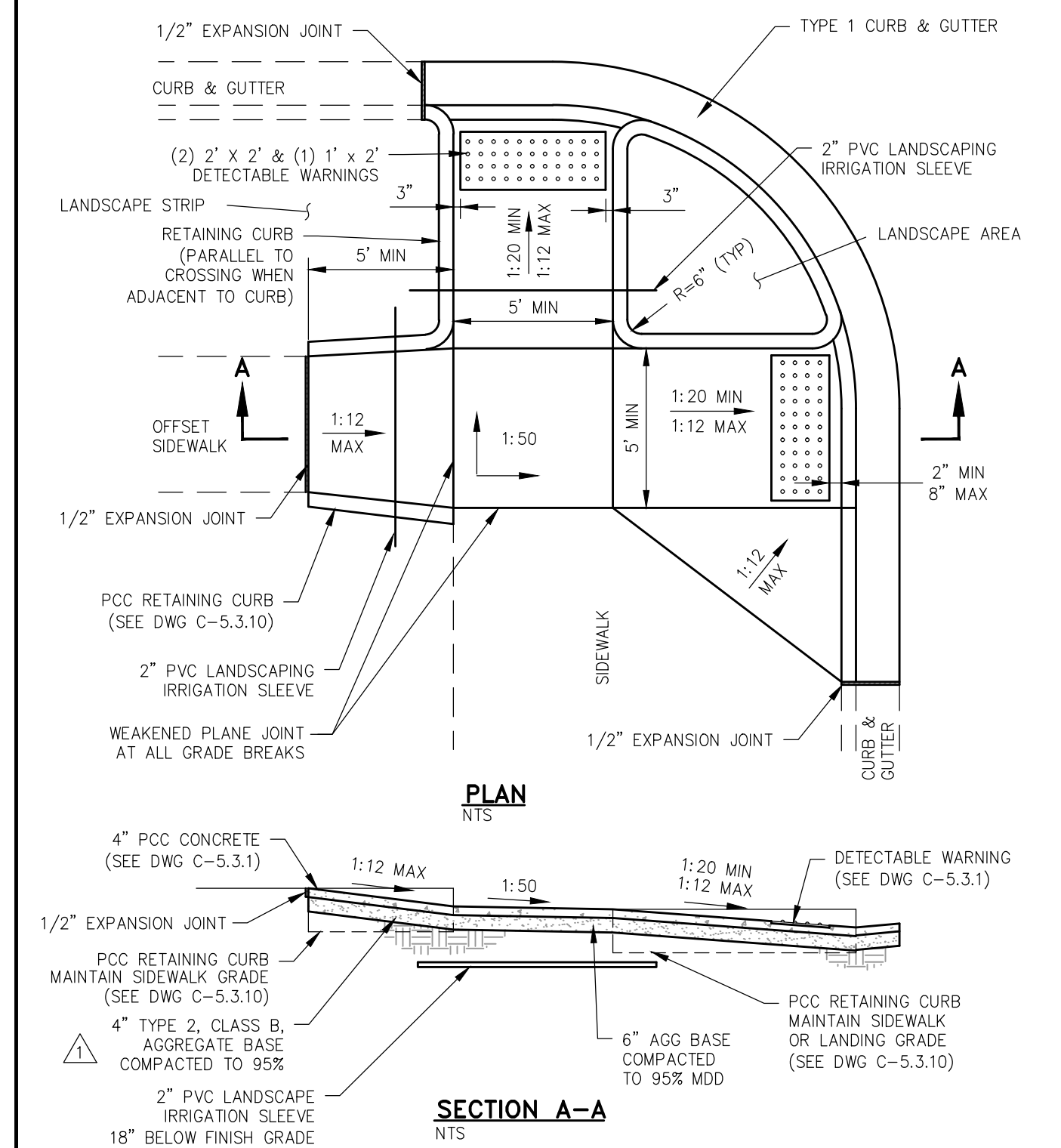
**NOTES:**

- NOT FOR USE WITH OFFSET SIDEWALKS.
- RETAINING CURBS ARE TO BE USED IN ALL CASES AND FINISH GRADE AT BACK OF SIDEWALK IS TO BE RAISED TO TOP OF RETAINING CURB ELEVATION.
- SEE "CURB RAMP GENERAL NOTES" DWG C-5.3.1 FOR FURTHER REQUIREMENTS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
		7/09		CARBON CITY

APPROVED BY: [Signature] 7/09

**PARALLEL CURB RAMP APEX**



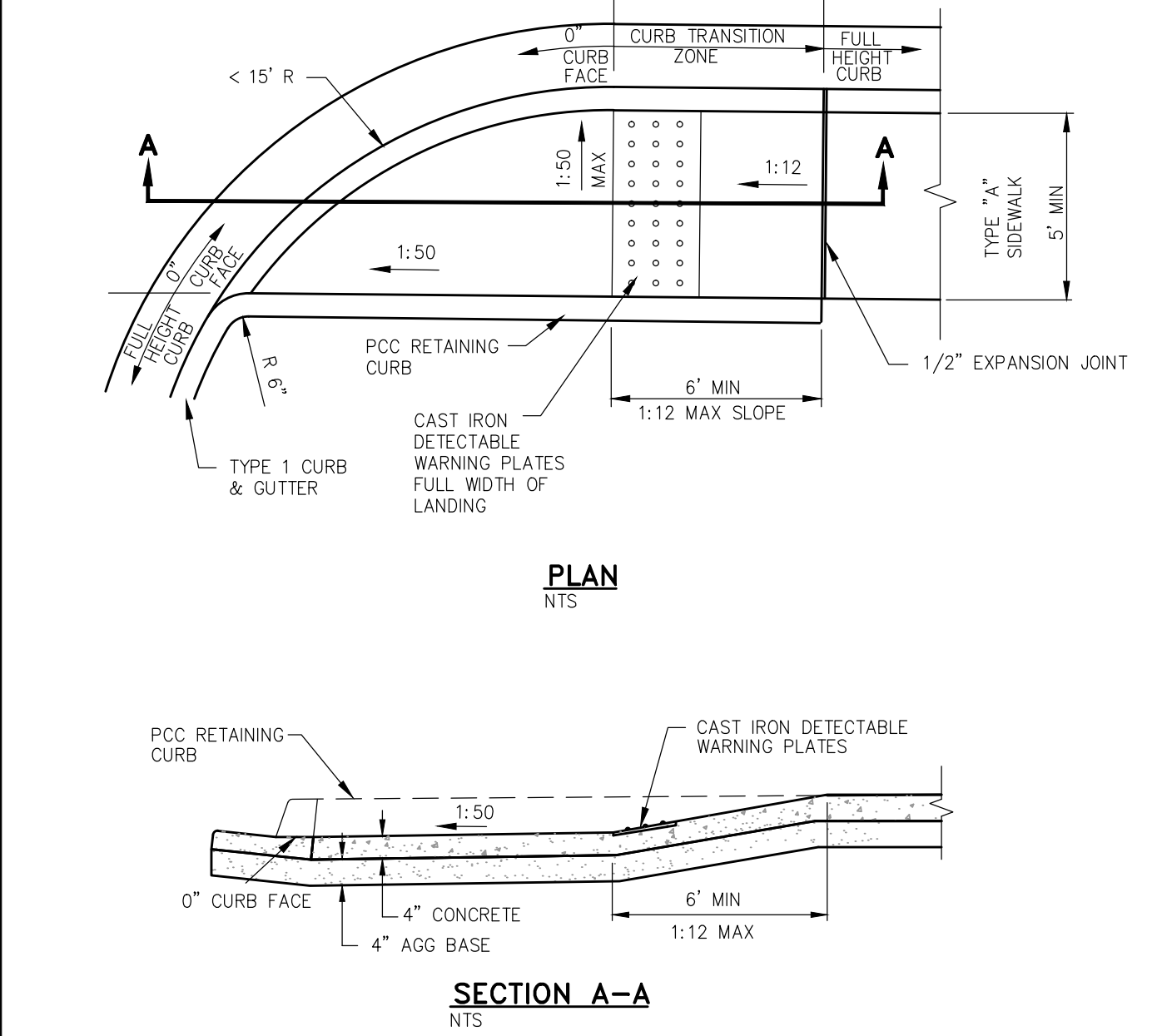
**NOTES:**

- RETAINING CURBS ARE TO BE USED IN ALL CASES AND FINISH GRADE AT BACK OF SIDEWALK IS TO BE RAISED TO TOP OF RETAINING CURB ELEVATION.
- SEE "CURB RAMP GENERAL NOTES" DWG C-5.3.1 FOR FURTHER REQUIREMENTS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	4" AGG BASE	7/12		CARBON CITY

APPROVED BY: [Signature] 7/09

**LINEAR CURB RAMP OFFSET**



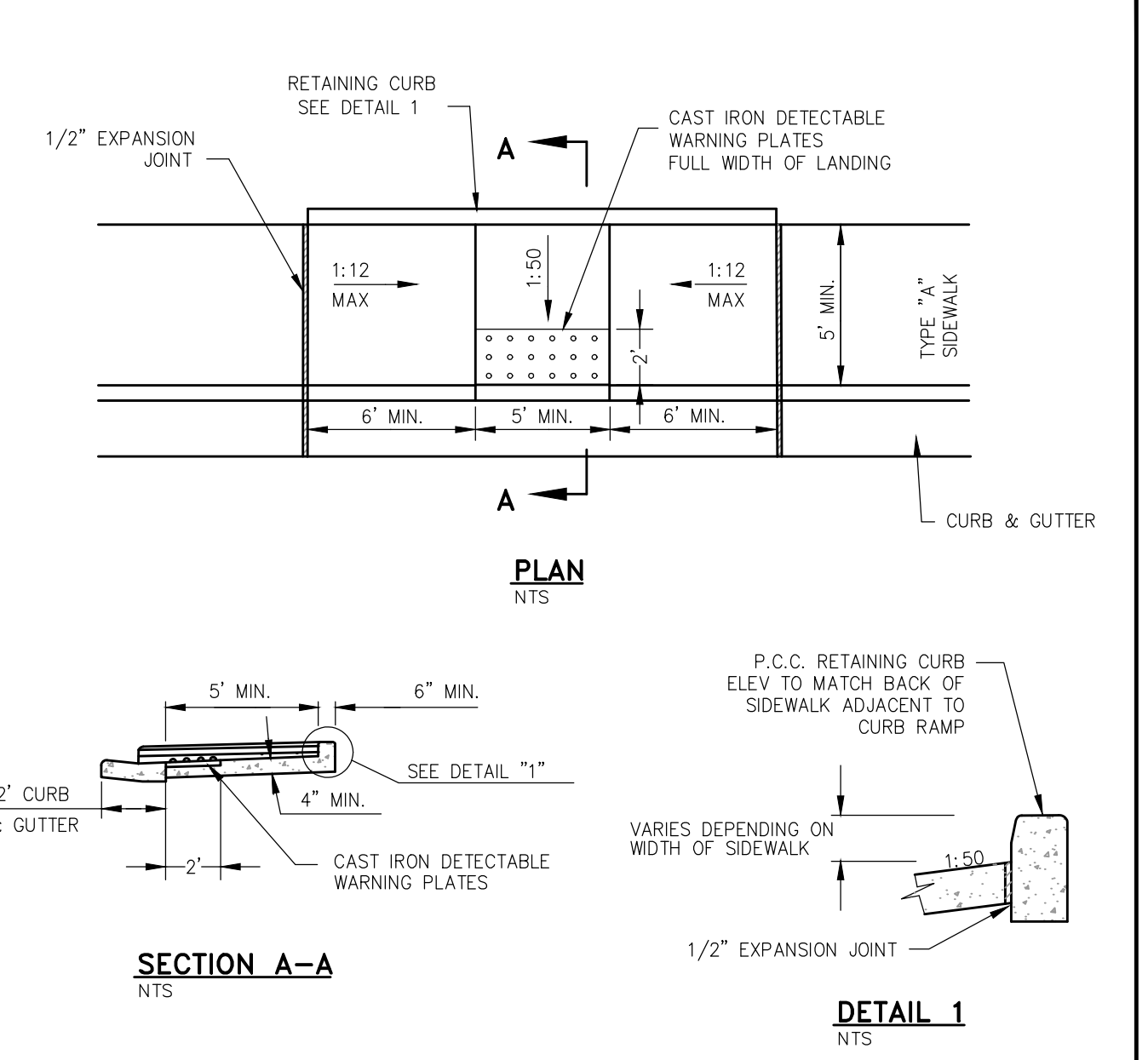
**NOTES:**

- LINEAR SINGLE TRANSITION CURB RAMP TO BE USED ONLY AT RETURNS HAVING LESS THAN A 15 FOOT RADIUS.
- NOT FOR USE WITH OFFSET SIDEWALKS.
- RETAINING CURBS ARE TO BE USED IN ALL CASES AND EXISTING GRADE AT BACK OF SIDEWALK IS TO BE RAISED TO TOP OF RETAINING CURB ELEVATION.
- SEE "CURB RAMP GENERAL NOTES" DWG C-5.3.1 FOR FURTHER REQUIREMENTS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
		7/09		CARBON CITY

APPROVED BY: [Signature] 7/09

**LINEAR CURB RAMP SINGLE ADJACENT**



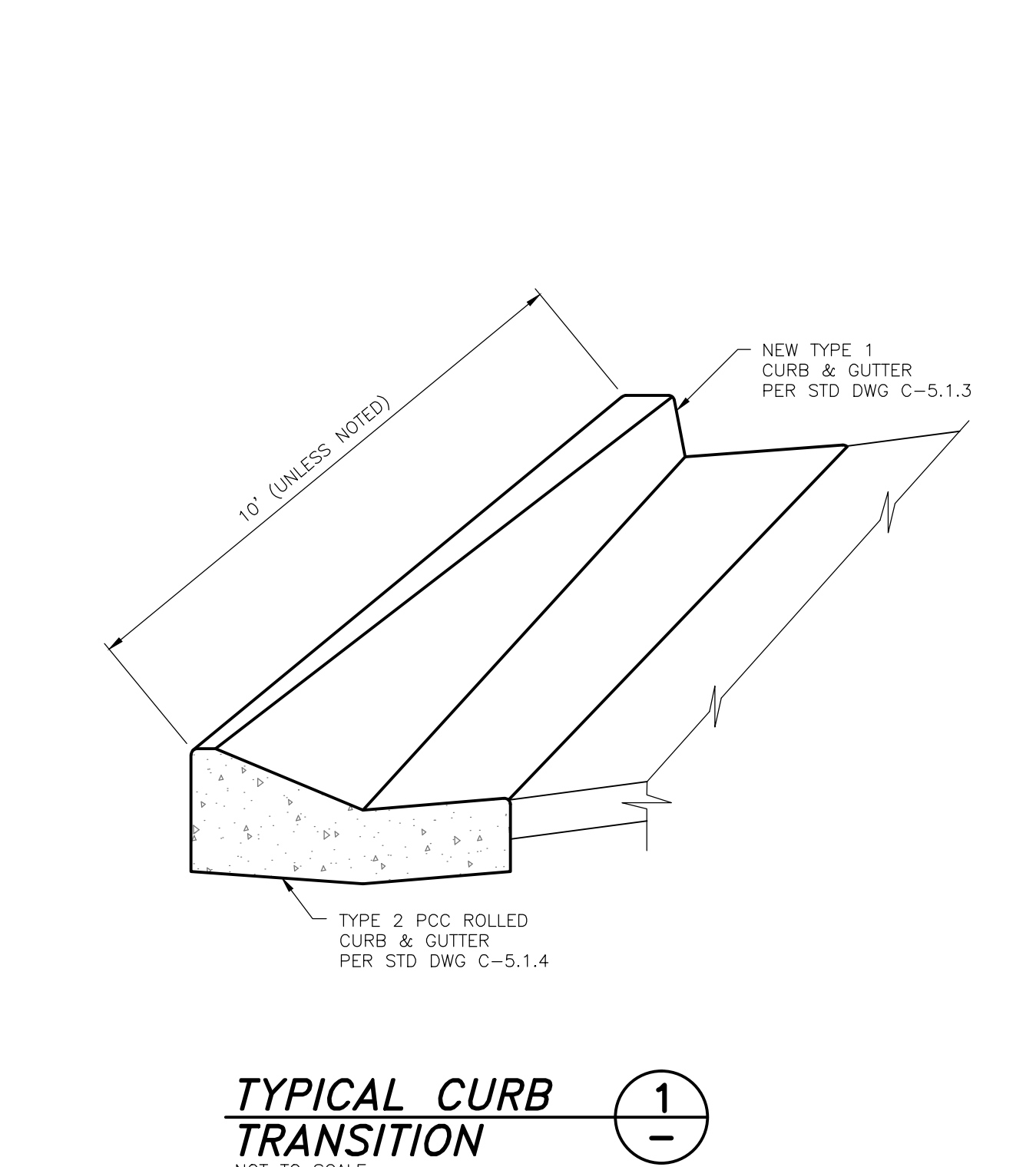
**NOTES:**

- RETAINING CURB TO BE USED IN ALL CASES. MAINTAIN SLOPE OF SIDEWALK OUTSIDE OF CURB RAMP.
- SEE "CURB RAMP GENERAL NOTES" DWG C-5.3.1 FOR FURTHER REQUIREMENTS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
		7/09		CARBON CITY

APPROVED BY: [Signature] 7/09

**MID BLOCK CURB RAMP**



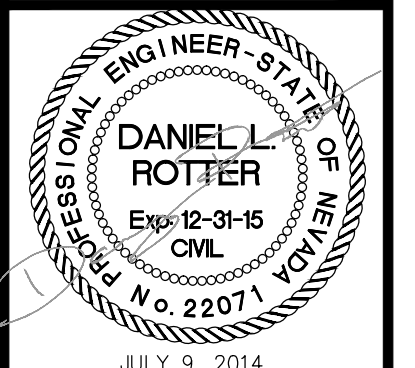
**TYPICAL CURB TRANSITION**

NOT TO SCALE

DESIGNED BY: BD  
 DRAWN BY: BD  
 CHECKED BY: DA  
 DWG NO.: 3.1301B51  
 SCALE (HORIZ): N.T.S.  
 SCALE (VERT): N.T.S.  
 PLOT DATE: 2014 JULY 09

**CARBON CITY  
PUBLIC WORKS DEPARTMENT**

3505 BUTTI WAY CARSON CITY, NEVADA 89701  
 PH: 775-887-2555 FAX: 775-887-2112



REV.	DATE	DESCRIPTION

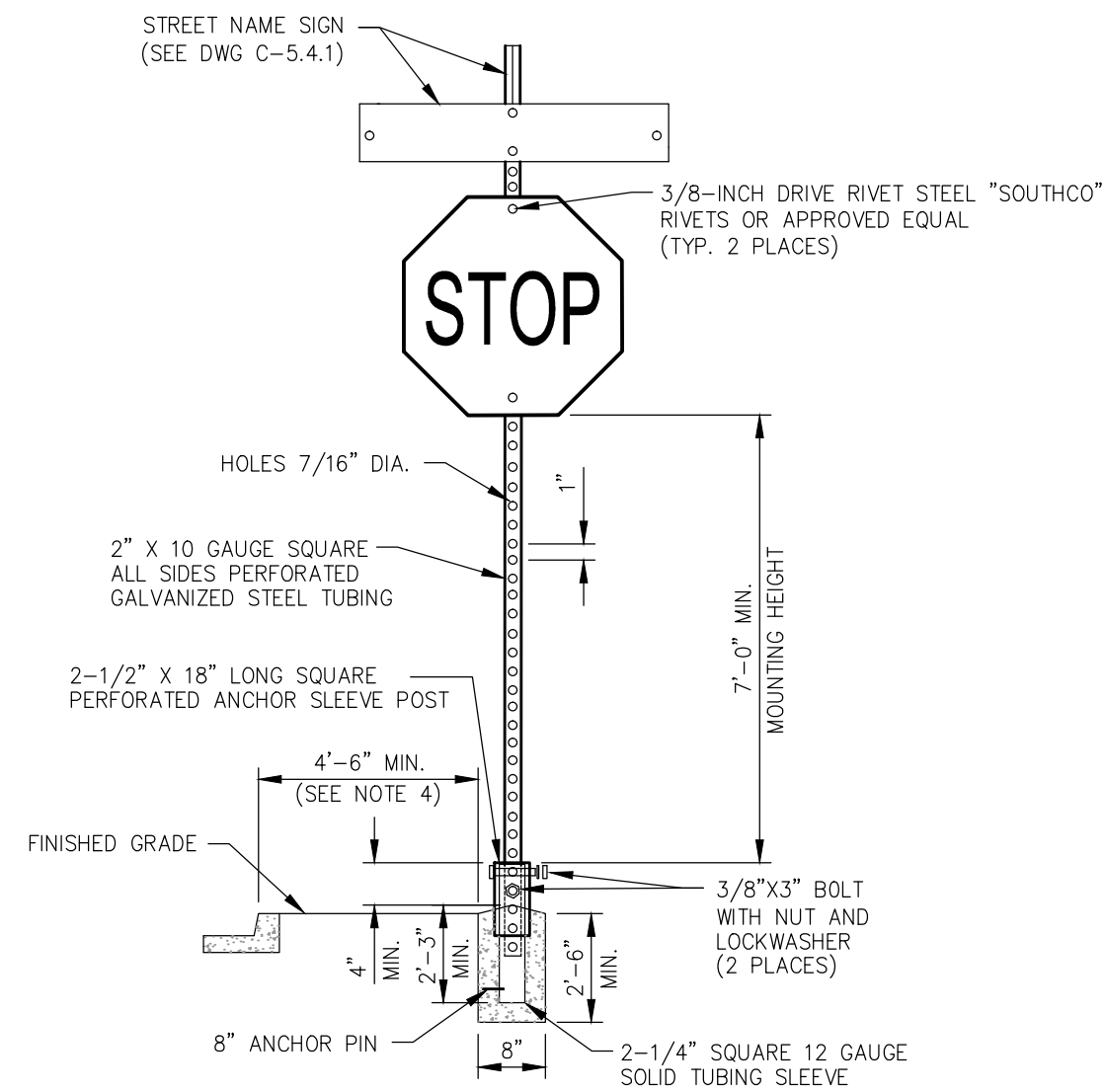
**E. FIFTH STREET  
PEDESTRIAN IMPROVEMENTS  
PROJECT No. 03.1502.2**

**DETAILS**

SHEET  
**C8**  
OF  
**9**

BID SET

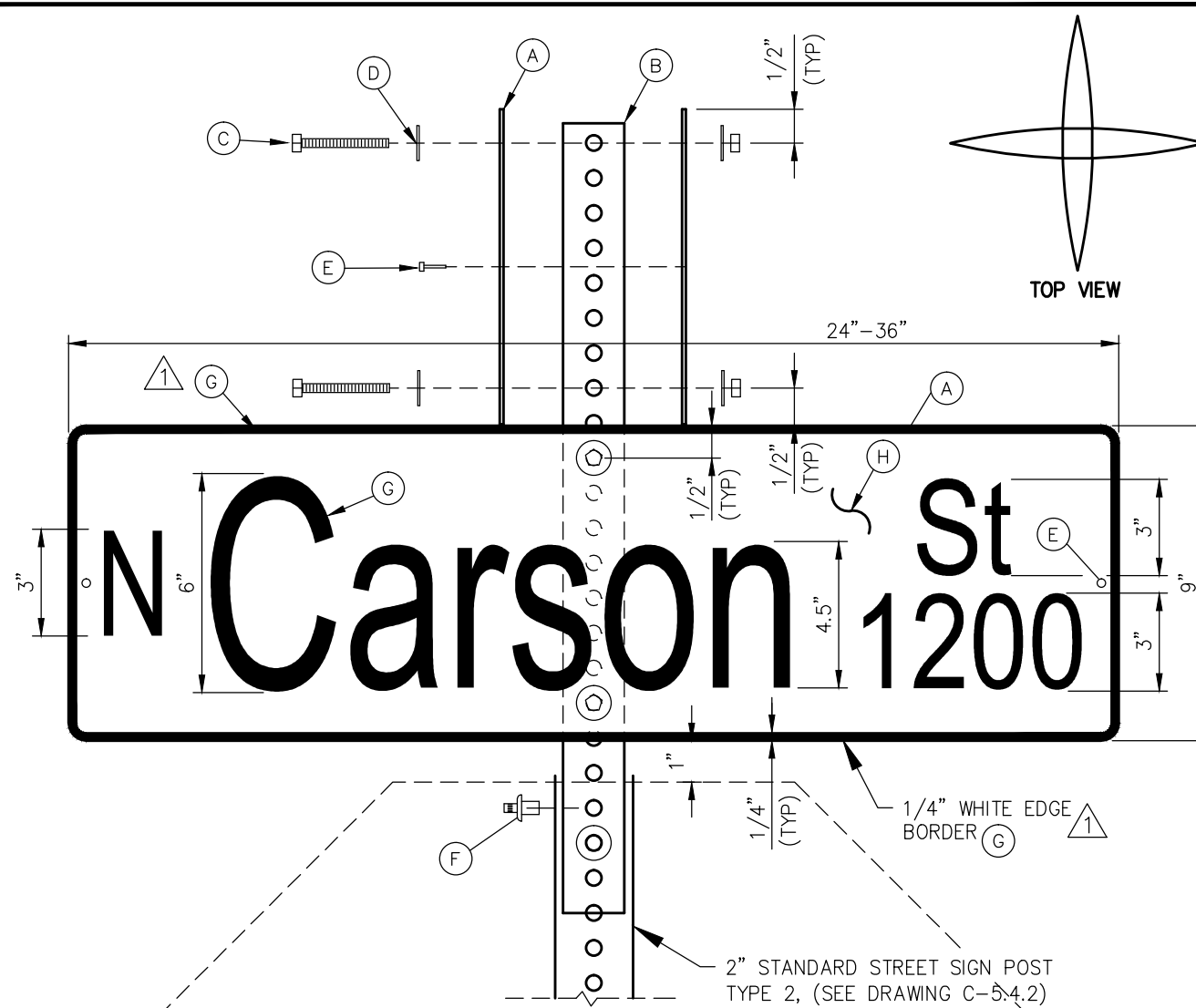




**NOTES:**

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

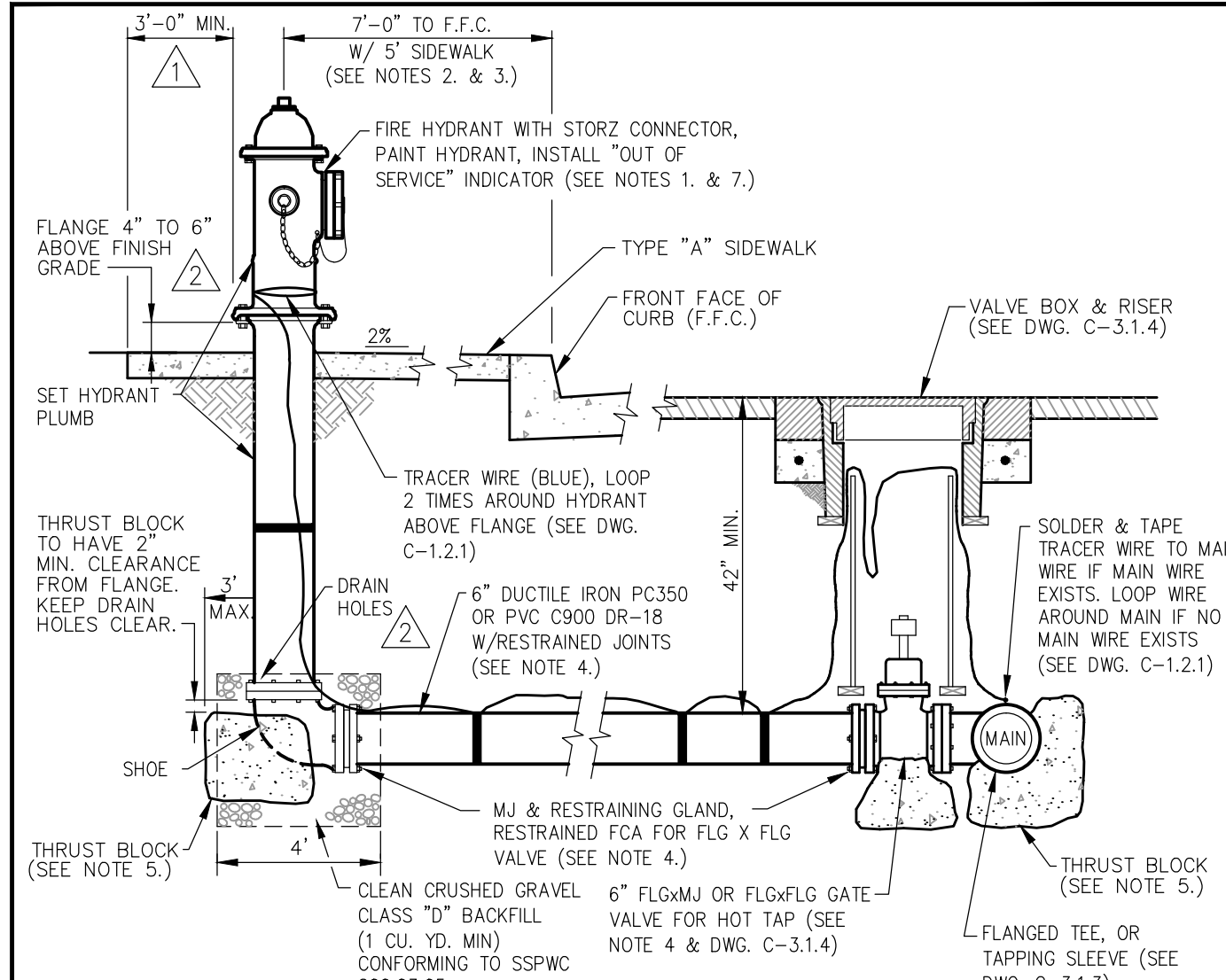
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
			<b>TRAFFIC SIGN INSTALLATION</b>	CARSON CITY
				DRAWING NO. C-5.4.2
				DATE 7/2009
APPROVED BY: [Signature]				



**NOTES:**

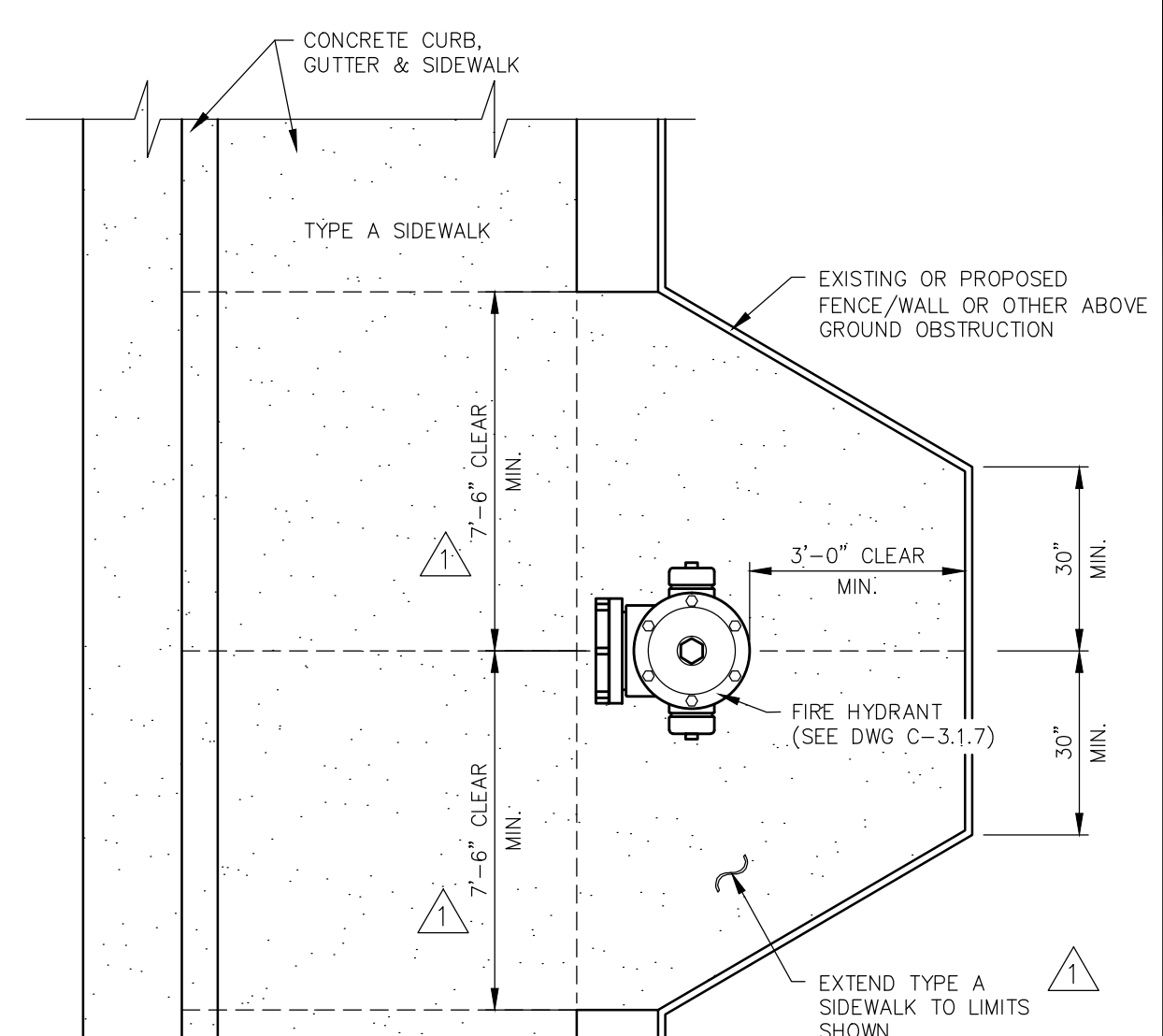
- STREET NAME SIGN SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE M.U.T.C.D.
- LETTERING FONT SHALL BE "HIGHWAY EM".
- SUBMITTAL REQUIRED TO CITY FOR LONGER NAMES OR DROP LETTERS.
- MATERIALS SHALL CONSIST OF:
  - FLAT PLATE ALUMINUM NO. 6061-T6, .080 GAUGE.
  - 2-FOOT LONG 1 3/4-INCH "TELESPAR" OR EQUIVALENT
  - 2 1/2-INCH LONG, 5/16-INCH SAE GRADE 5 BOLT & NUT
  - FLAT WASHERS
  - 1/8-INCH DIAMETER, STEEL POP RIVET (MEDIUM LENGTH) WITH 1/8-INCH WASHER (ALUMINUM OR STEEL)
  - 3/8-INCH DRIVE RIVET STEEL "SOUTHCOR"
  - WHITE SHEETING - RETROREFLECTIVE ASTM IX DIAMOND GRADE VP "3M" OR EQUIVALENT
  - GREEN SHEETING - TRANSPARENCY ELETRON CUT FILM 1177C "3M" OR EQUIVALENT

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1/1	BORDER	6/12	<b>STREET NAME SIGN AND MOUNTING</b>	CARSON CITY
				DRAWING NO. C-5.4.1
				DATE 6/2012
APPROVED BY: [Signature]				



- NOTES:**
- FIRE HYDRANTS SHALL BE MUELLER SUPER CENTURION 250 OR WATEROUS 5 1/4 INCH PACER (WB-67-250). ALL HYDRANTS SHALL HAVE HARRINGTON HHS 5 INCH INTEGRAL HYDRANT STORZ, OR APPROVED EQUAL, WITH BLIND CAP & CABLE AND "OUT OF SERVICE" INDICATOR. OPERATING NUT SHALL BE 1-1/2 INCH PENTAGON. VALVE OPENING SHALL BE 5-1/4 INCHES AND OPEN COUNTER-CLOCKWISE. HYDRANTS SHALL HAVE (2) 2-1/2 INCH HOSE NOZZLES WITH AMERICAN NATIONAL HOSE COUPLING THREADS. (NO SUBSTITUTIONS).
  - HYDRANT SHALL BE INSTALLED SO AS TO PROVIDE CLEARANCE IN ALL DIRECTIONS PER DWG. C-3.1.7.1.
  - FOR 9 FEET-0 INCHES OR WIDER SIDEWALK OR OFFSET SIDEWALK, HYDRANT SHALL BE 2 FEET-0 INCHES TO FRONT FACE OF CURB. IF SIDEWALK IS NOT PRESENT, HYDRANT SHALL BE LOCATED 7 FEET-0 INCHES TO FRONT FACE OF CURB, EXCEPT IN DOWNTOWN AREA.
  - RESTRAINING GLANDS SHALL BE ROMAC GRIPPER PIPE RESTRAINER FOR MECHANICAL JOINT VALVES OR ROMAC RESTRAINED FCA FOR FLANGED VALVES OR APPROVED EQUAL. PIPE RESTRAINT SHALL BE ROMAC "600" SERIES RESTRAINING SYSTEM OR APPROVED EQUAL. RESTRAINING DEVICES SHALL BE FULL GIRCLE (NON POINT) LOADING TYPE. HYDRANT SHOE MAY BE AQUAGRIP, RESTRAINED MECHANICAL JOINT (MJ) OR APPROVED EQUAL.
  - THRUST BLOCKS SHALL HAVE THREE (3) SQUARE FEET MINIMUM AREA AND SHALL BE FORMED AGAINST UNDISTURBED NATIVE OR BACKFILL COMPACTED TO 95% AND CONFORM TO DWG. C-3.1.14. NO CONCRETE ON HYDRANT DRAIN HOLES OR BOLTS.
  - INSPECTION BY THE CARSON CITY INSPECTOR SHALL BE REQUIRED PRIOR TO BACKFILLING.
  - HYDRANTS SHALL BE PAINTED INTERNATIONAL ORANGE (RUST-OLEUM 7400 HIGH GLOSS ALKYD ENAMEL OR APPROVED EQUAL). DO NOT PAINT 5 INCH STORZ, CAP OR CABLE. RECLAIMED WATER HYDRANTS SHALL BE PAINTED PURPLE. INSTALL "OUT OF SERVICE" INDICATOR COLLAR ON 2-1/2 INCH NOZZLE. INDICATOR SHALL BE HIGHLY VISIBLE, YELLOW WITH BLACK LETTERS, 2-1/2 INCH MINIMUM WIDTH WITH 1 INCH LETTERS STATING "OUT OF SERVICE". INDICATOR SHALL BE "CALPICO" OR EQUAL APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1/1	REVISED CONC. LIMITS	01/14	<b>FIRE HYDRANT ASSEMBLY</b>	CARSON CITY
	FLANGE HEIGHT	5/14		DRAWING NO. C-3.1.7 (203,307)
				DATE 5/2014
APPROVED BY: [Signature]				



**NOTES:**

- SEE DWG. C-3.1.7 FOR FIRE HYDRANT INSTALLATION.
- INSTALL OR RELOCATE EXISTING FENCE/WALL/LANDSCAPING/MISC IMPROVEMENTS ETC. TO PROVIDE THE MINIMUM CLEARANCE AROUND THE HYDRANT AS SHOWN.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1/1	REVISED CONC. LIMITS	5/14	<b>FIRE HYDRANT SETBACK /FENCE CLEARANCE (MODIFIED)</b>	CARSON CITY
	CLEAR DISTANCE	7/14		DRAWING NO. C-3.1.7.1 (307)
				DATE 5/2014
APPROVED BY: [Signature]				

DESIGNED BY: BD  
 DRAWN BY: BD  
 CHECKED BY: DA  
 DWG NO.: 3.1301B51  
 SCALE (HORIZ): N.I.S.  
 SCALE (VERT): N.I.S.  
 PLOT DATE: 2014 JULY 09

**CARSON CITY PUBLIC WORKS DEPARTMENT**  
 3505 BUTTI WAY CARSON CITY, NEVADA 89701  
 PH: 775-887-2355 FAX: 775-887-2112



REV.	DATE	DESCRIPTION	BY	APP'D

**E. FIFTH STREET PEDESTRIAN IMPROVEMENTS PROJECT No. 03.1302.2**  
**DETAILS**

C:\Users\Public\Documents\03.1302.2-560\Sheet\03.1302.2-560.dwg  
 PROJECT: E:\Projects\03.1302.2-560\Sheet\03.1302.2-560.dwg