

CARSON CITY LANDFILL ENTRANCE REPAIR

CARSON CITY, NEVADA

PROJECT LF-0001

BOARD OF SUPERVISORS

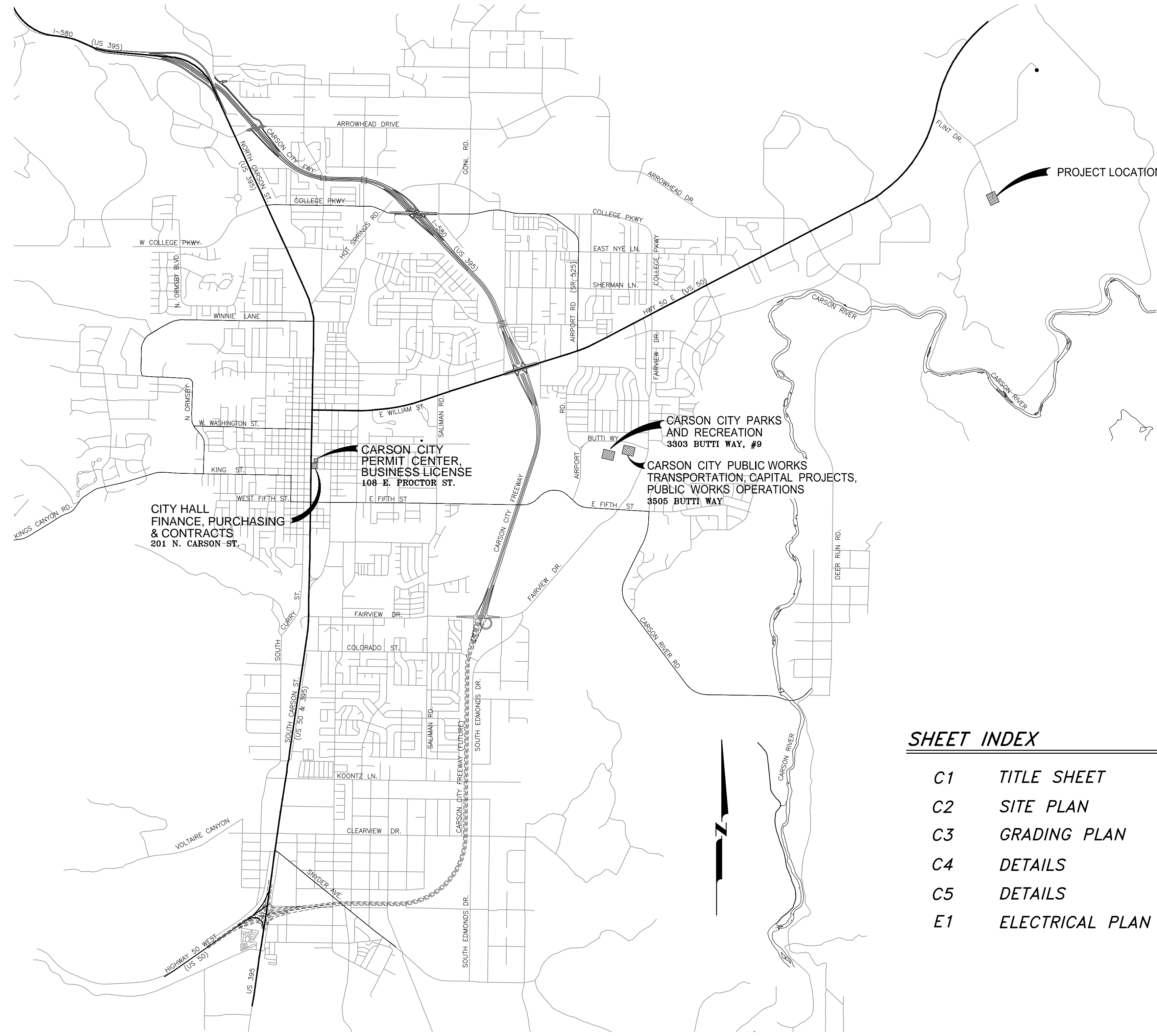
Bob Crowell	Mayor
Karen Abowd	Supervisor
Brad Bonkowski	Supervisor
Lori Bagwell	Supervisor
Jim Shirk	Supervisor
Alan Glover	City Clerk

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.
- ALL WORK IN NDOT RIGHT-OF-WAY SHALL CONFORM TO THE STATE OF NEVADA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2001 EDITION AND THE STATE OF NEVADA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, 2007 EDITION.
- 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 TO 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. FOTHOLING 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

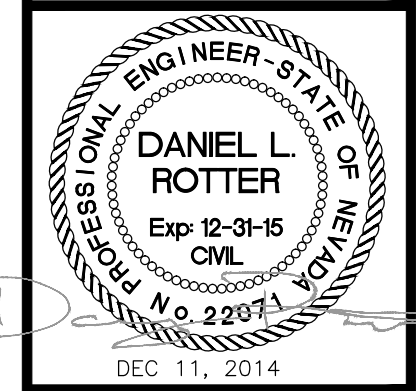
- | | |
|----|-----------------|
| C1 | TITLE SHEET |
| C2 | SITE PLAN |
| C3 | GRADING PLAN |
| C4 | DETAILS |
| C5 | DETAILS |
| E1 | ELECTRICAL PLAN |



DESIGNED BY: BD
DRAWN BY: BD
CHECKED BY: DA
DWG NO.: LANDFILL-PAVE-TS1
SCALE (HORIZ): XX
SCALE (VERT): XX
PLOT DATE: 2014 DEC 15

**CARSON CITY
PUBLIC WORKS DEPARTMENT**

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



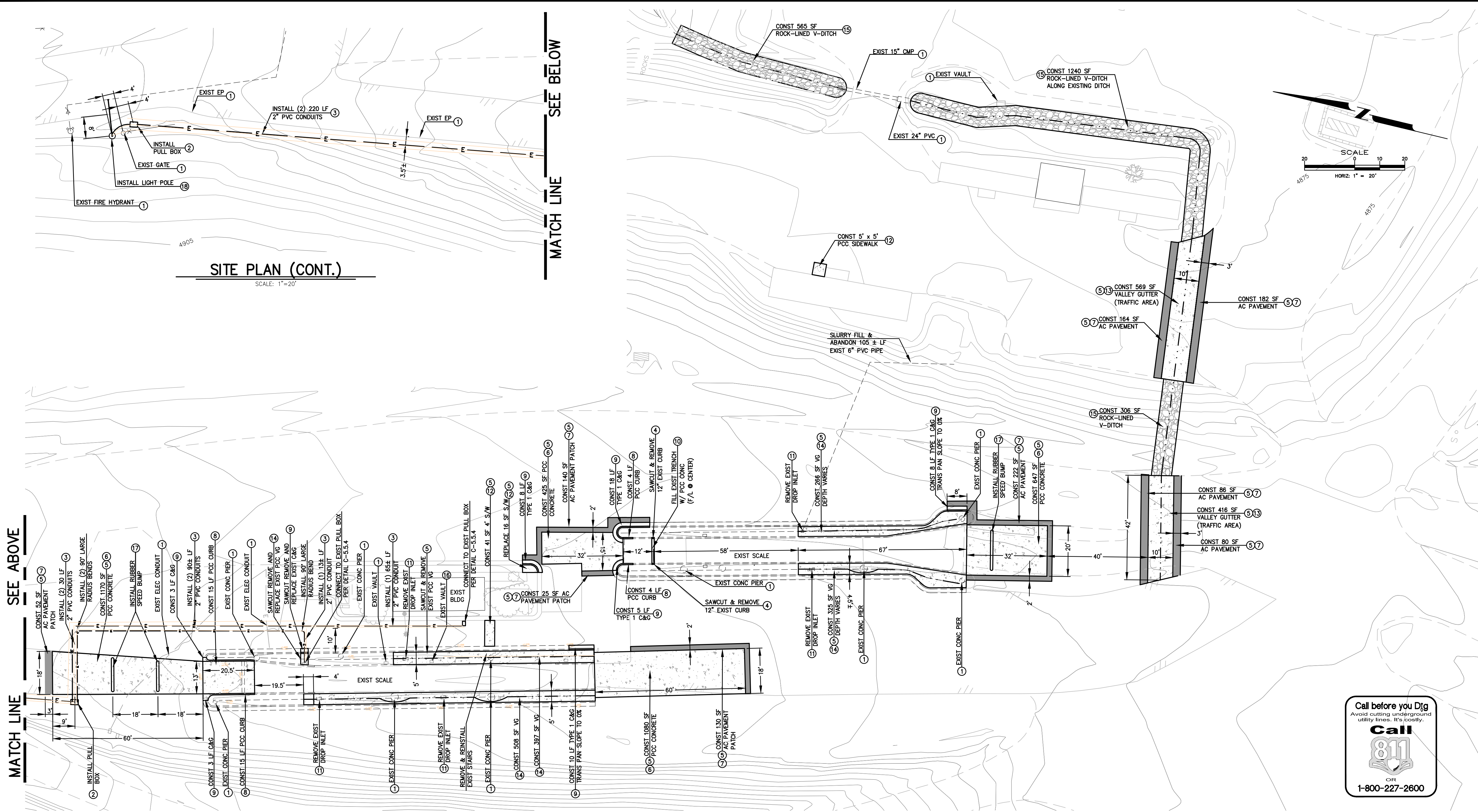
REV.	DATE	DESCRIPTION	BY	APP'D

**CARSON CITY LANDFILL
ENTRANCE REPAIR
PROJECT No. LF0001**

TITLE SHEET

SHEET
C1
OF
6

I:\CAPITAL PROJECTS\Projects\110001-Landfill\Drawings\DWG\landfill-pave-ent.dwg Jobprint: 12/15/14



SITE PLAN (CONT.)

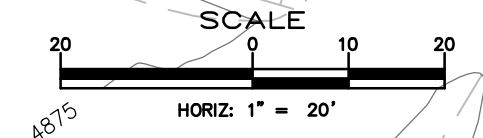
SCALE: 1"=20'

SITE PLAN

SCALE: 1"=20'

CONSTRUCTION NOTES:

- ① PROTECT IN PLACE
- ② INSTALL PULL BOX PER DETAIL C-5.5.4.
- ③ INSTALL 2 INCH PVC ELECTRICAL CONDUIT PER DETAIL C-1.2.1 (MODIFIED).
- ④ SAWCUT & REMOVE 12 INCHES OF EXISTING PCC CURB PER DRAINAGE TRENCH DETAIL SHEET C5.
- ⑤ SAWCUT & REMOVE EXISTING SURFACE TREATMENT.
- ⑥ CONST PCC CONCRETE RAMP / LANDING PER TYPICAL TRAFFIC AREAS SECTION SHEET C4.
- ⑦ CONST AC PAVEMENT PATCH PER DETAIL C-5.1.6 (MODIFIED).
- ⑧ SAWCUT & REMOVE EXISTING PCC RETAINING CURB. CONSTRUCT PCC RETAINING CURB PER DETAIL C-5.3.10 (MODIFIED). HEIGHT/DEPTH TO MATCH EXISTING.
- ⑨ SAWCUT & REMOVE EXISTING TYPE 1 CURB & GUTTER. CONSTRUCT TYPE 1 CURB AND GUTTER PER DETAIL C-5.1.3.
- ⑩ REMOVE EXISTING DRAINAGE GRATE. FILL WITH PCC CONCRETE. SEE DRAINAGE TRENCH DETAIL SHT C5.
- ⑪ SAWCUT AND REMOVE EXISTING DROP INLET. SLURRY FILL EXISTING PVC PIPE.
- ⑫ CONSTRUCT SIDEWALK PER DETAIL C-5.2.2.
- ⑬ CONSTRUCT VALLEY GUTTER PER DETAIL C-5.1.2. AND TYPICAL TRAFFIC AREAS SECTION SHEET C4.
- ⑭ CONSTRUCT VALLEY GUTTER PER DETAIL C-5.1.2.
- ⑮ RELOCATE EXISTING SURFACE TREATMENT PER CONSTRUCTION MANAGERS INSTRUCTIONS. CONSTRUCT V-DITCH PER "ROCK LINED V-DITCH" DETAIL SHEET C5.
- ⑯ ADJUST EXISTING VAULT RIM TO FINISH GRADE.
- ⑰ INSTALL BOLT-DOWN RUBBER SPEED BUMP PER MANUFACTURER'S INSTRUCTIONS.
- ⑱ INSTALL NDOT TYPE 7 LIGHT POLE W/ 15.0' LUMINAIRE ARM, NDOT PILE FOUNDATION, AND LED LUMINAIRE PER DETAILS SHEET E1.



SEE ABOVE

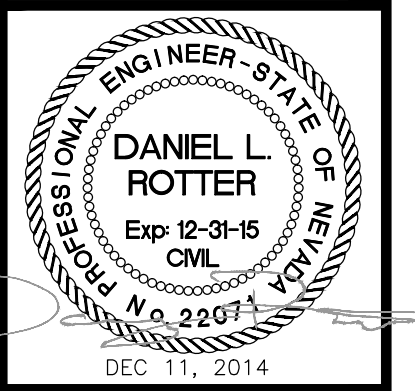
MATCH LINE

SEE BELOW

MATCH LINE

DESIGNED BY: BD
 DRAWN BY: BD
 CHECKED BY: DA
 DWG NO.: landfill-pave-ent.dwg
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): 1"=10'
 PLOT DATE: 2014 DEC15

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



REV.	DATE	DESCRIPTION	BY	APP'D

**CARSON CITY LANDFILL
 ENTRANCE REPAIR
 PROJECT No. LF0001**

SITE PLAN

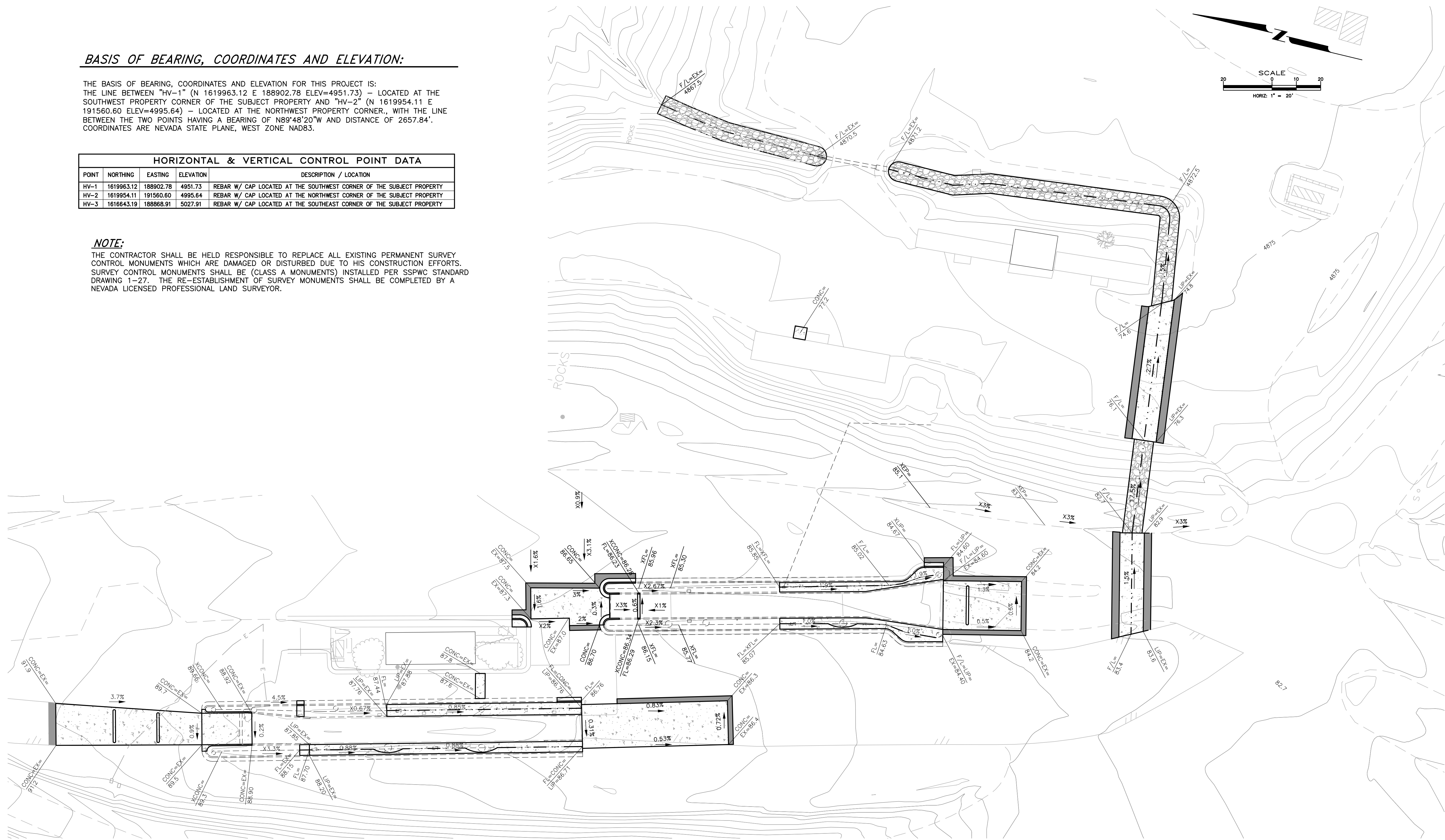
BASIS OF BEARING, COORDINATES AND ELEVATION:

THE BASIS OF BEARING, COORDINATES AND ELEVATION FOR THIS PROJECT IS:
 THE LINE BETWEEN "HV-1" (N 1619963.12 E 188902.78 ELEV=4951.73) - LOCATED AT THE
 SOUTHWEST PROPERTY CORNER OF THE SUBJECT PROPERTY AND "HV-2" (N 1619954.11 E
 191560.60 ELEV=4995.64) - LOCATED AT THE NORTHWEST PROPERTY CORNER., WITH THE LINE
 BETWEEN THE TWO POINTS HAVING A BEARING OF N89°48'20"W AND DISTANCE OF 2657.84'.
 COORDINATES ARE NEVADA STATE PLANE, WEST ZONE NAD83.

HORIZONTAL & VERTICAL CONTROL POINT DATA				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION / LOCATION
HV-1	1619963.12	188902.78	4951.73	REBAR W/ CAP LOCATED AT THE SOUTHWEST CORNER OF THE SUBJECT PROPERTY
HV-2	1619954.11	191560.60	4995.64	REBAR W/ CAP LOCATED AT THE NORTHWEST CORNER OF THE SUBJECT PROPERTY
HV-3	1616643.19	188868.91	5027.91	REBAR W/ CAP LOCATED AT THE SOUTHEAST CORNER OF THE SUBJECT PROPERTY

NOTE:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO REPLACE ALL EXISTING PERMANENT SURVEY CONTROL MONUMENTS WHICH ARE DAMAGED OR DISTURBED DUE TO HIS CONSTRUCTION EFFORTS. SURVEY CONTROL MONUMENTS SHALL BE (CLASS A MONUMENTS) INSTALLED PER SSPWC STANDARD DRAWING 1-27. THE RE-ESTABLISHMENT OF SURVEY MONUMENTS SHALL BE COMPLETED BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR.



GRADING PLAN

SCALE: 1"=20'

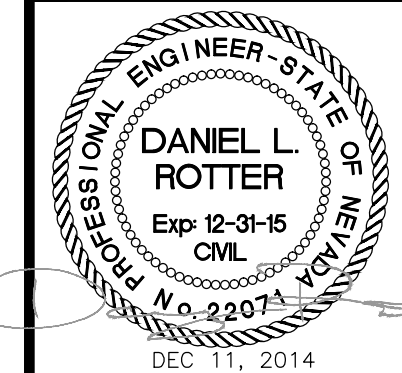
Call before you Dig
 Avoid cutting underground
 utility lines. It's costly.

 OR
 1-800-227-2600

DESIGNED BY: BD
 DRAWN BY: BD
 CHECKED BY: DA
 DWG NO.: landfil-entrance-bst.dwg
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): X"=XX'
 PLOT DATE: 2014 DEC15

**CARSON CITY
 PUBLIC WORKS DEPARTMENT**

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



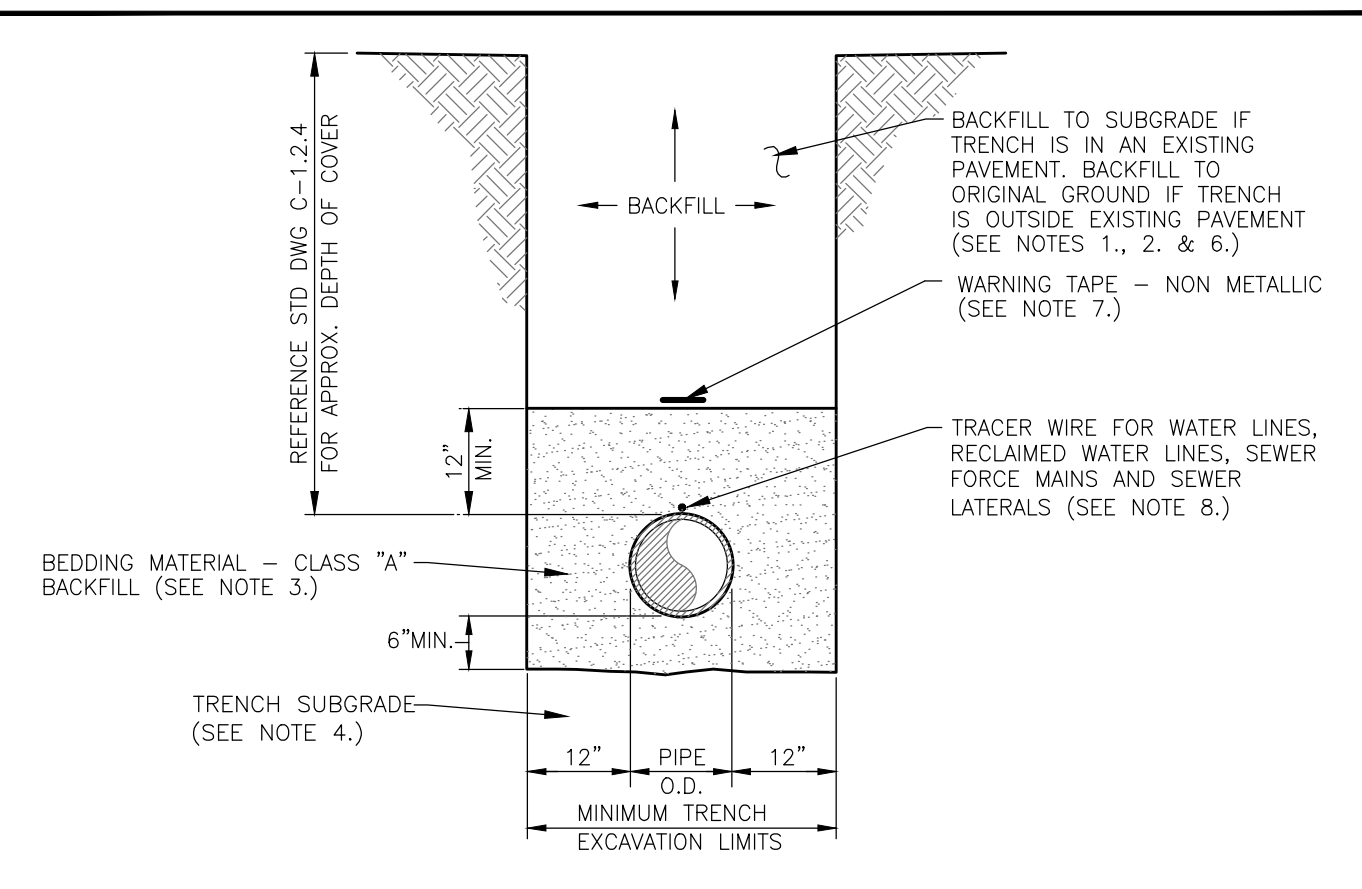
REV	DATE	DESCRIPTION	BY	APP'D

**CARSON CITY LANDFILL
 ENTRANCE REPAIR
 PROJECT No. LF0001**

GRADING PLAN

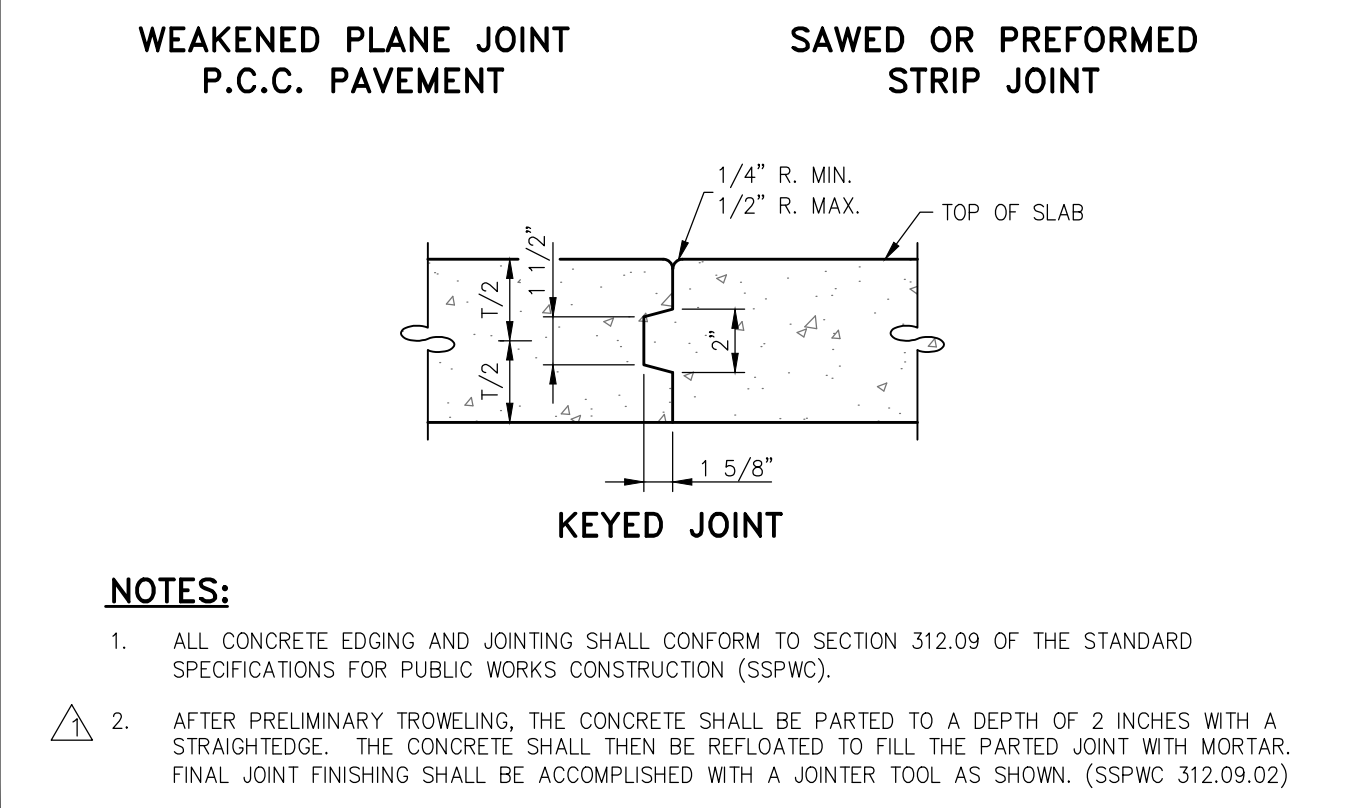
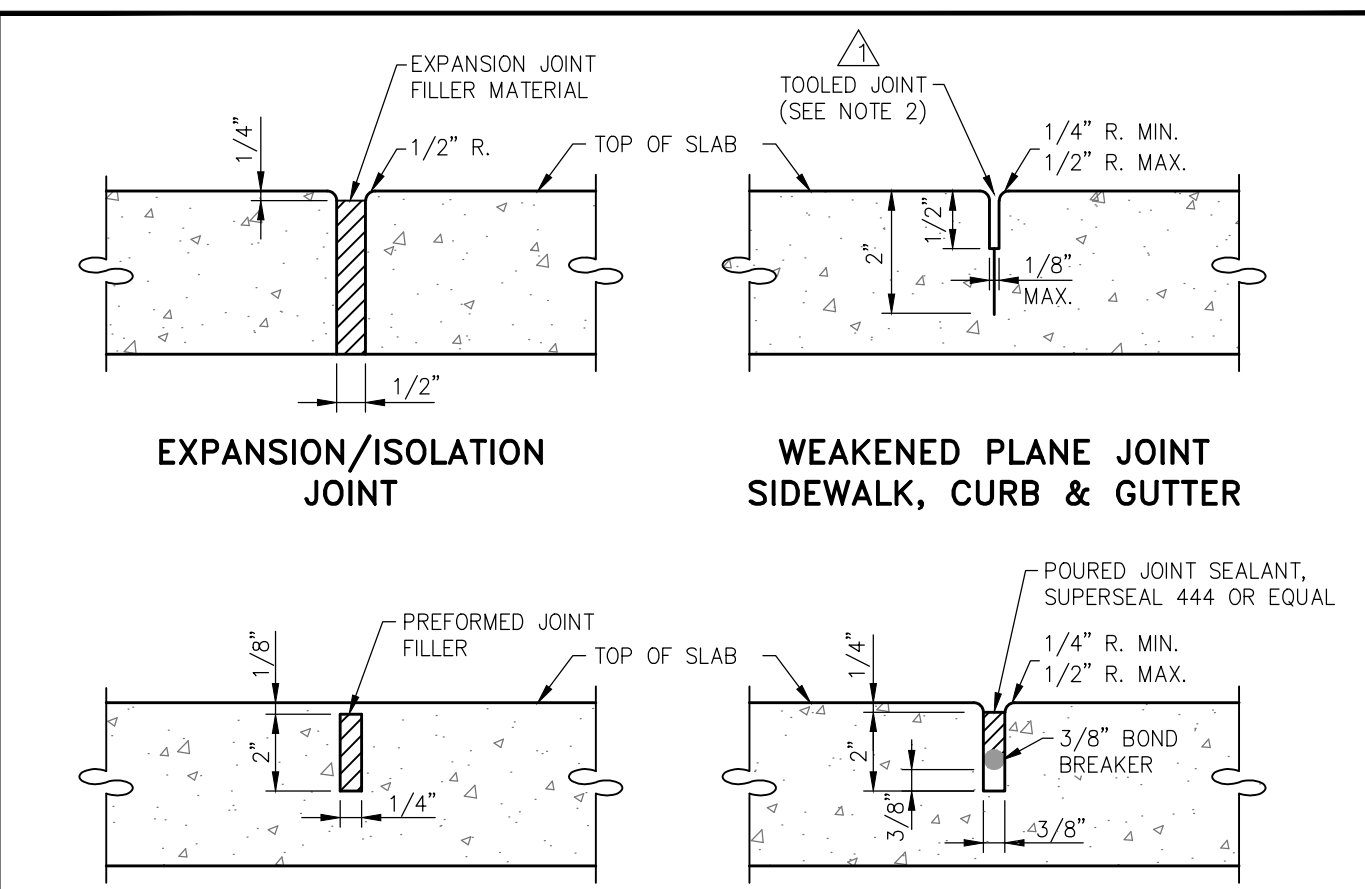
SHEET
C3
 OF
6

I:\CAPITA_PROJECTS\Projects\LF0001-Landfill\Drawings\2014\DWG\landfill-entrance-bst.dwg, 12/15/14

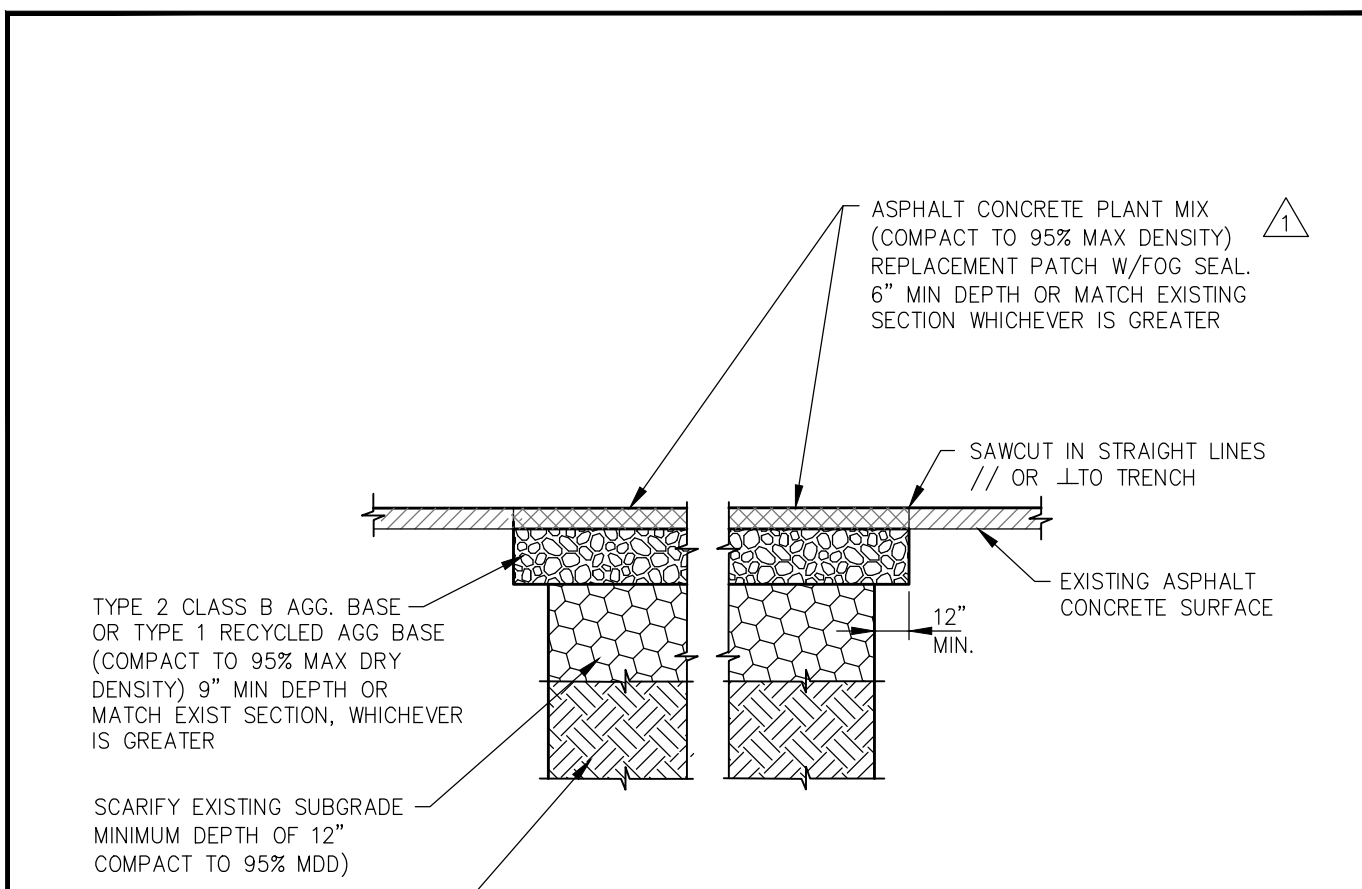


- NOTES:**
- WATER DENSIFIED BACKFILL AND TUNNELING SHALL BE BY SPECIAL PROVISION ONLY.
 - BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF CLASS E BACKFILL AS SPECIFIED IN SUBSECTION 200.03.06 OF THE SSPWC. MATERIAL SHALL BE PLACED IN LIFT THICKNESS SPECIFIED IN SUBSECTION 305.10 OF THE SSPWC AND DENSIFIED TO 90% RELATIVE COMPACTION.
 - BEDDING SHALL CONFORM TO THE REQUIREMENTS OF CLASS A BACKFILL AS SPECIFIED IN SUBSECTION 200.03.02 OF THE SSPWC. MATERIAL SHALL BE DENSIFIED TO 90% RELATIVE COMPACTION.
 - PLANS SHALL INCLUDE A DETAIL FOR SUBGRADE STABILIZATION INCLUDING BACKFILL MATERIAL, STRUCTURAL GEOTEXTILE FILTER FABRIC AND MODIFIED CUTOFF COLLARS WHEN POTENTIAL FOR UNSTABLE SUBGRADES EXIST, SUBJECT TO THE APPROVAL OF THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
 - FOR TRENCHES IN ROADWAY SECTION, SEE PAVEMENT PATCH DETAIL (DWG. NO. C-5.1.6).
 - FOR THE PURPOSE OF PAYMENT; EXCAVATION AND BACKFILL QUANTITIES ARE BASED ON THESE STANDARD DRAWINGS, AND NO ADDITIONAL COMPENSATION WILL BE MADE. SHORING OR SLOPED CUT SLOPES MAY BE NECESSARY, BUT THERE WILL BE NO ADDITIONAL PAYMENT. ALL EXCAVATIONS MUST CONFORM TO THE LATEST O.S.H.A. REQUIREMENTS.
 - PLACE NON METALLIC WARNING TAPE 1 FOOT ABOVE ALL BURIED PIPES AND CONDUITS.
 - TRACER WIRE SHALL BE 12 GAUGE (MINIMUM THICKNESS) INSULATED SOLID COPPER WIRE. INSULATION SHALL BE 30 MIL HDPE. PLANS SHALL SPECIFY WIRE STRENGTH AND INSULATION THICKNESS FOR BORING APPLICATIONS. SPLICES SHALL BE CONNECTED BY WIRE NUTS, SEALED WITH AQUA SEAL OR SILICON FILLED, AND DOUBLE WRAPPED WITH U/L LISTED ELECTRICAL TAPE. TRACER WIRE COLOR SHALL BE, BLUE FOR WATER, PURPLE FOR RECLAIMED WATER, AND GREEN FOR SEWER.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
1	NOTE 8	7/09	TRENCH EXCAVATION AND BACKFILL (MODIFIED)	DRAWING NO. C-1.2.1 (305) DATE 7/2009

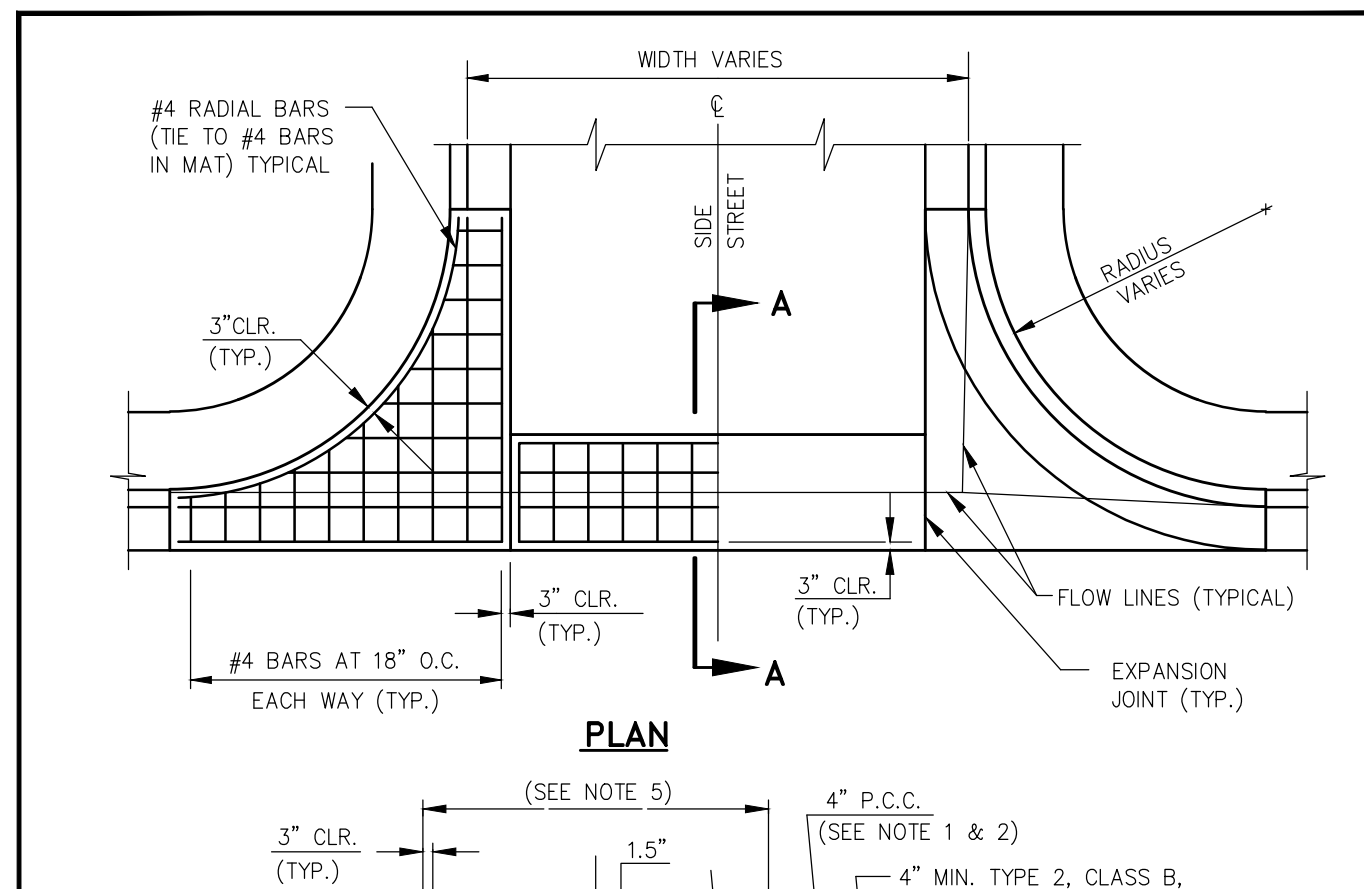


NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
1	REVISED JOINT	5/14	P.C.C. JOINTING DETAILS	DRAWING NO. C-5.1.1 (312) DATE 5/2014



- 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.
 - PLANTMIX 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.
 - PLANTMIX 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 CARSON CITY
1	6" AC DEPTH	10/14	PAVEMENT PATCH (MODIFIED)	DRAWING NO. C-5.1.6 DATE 09/2011

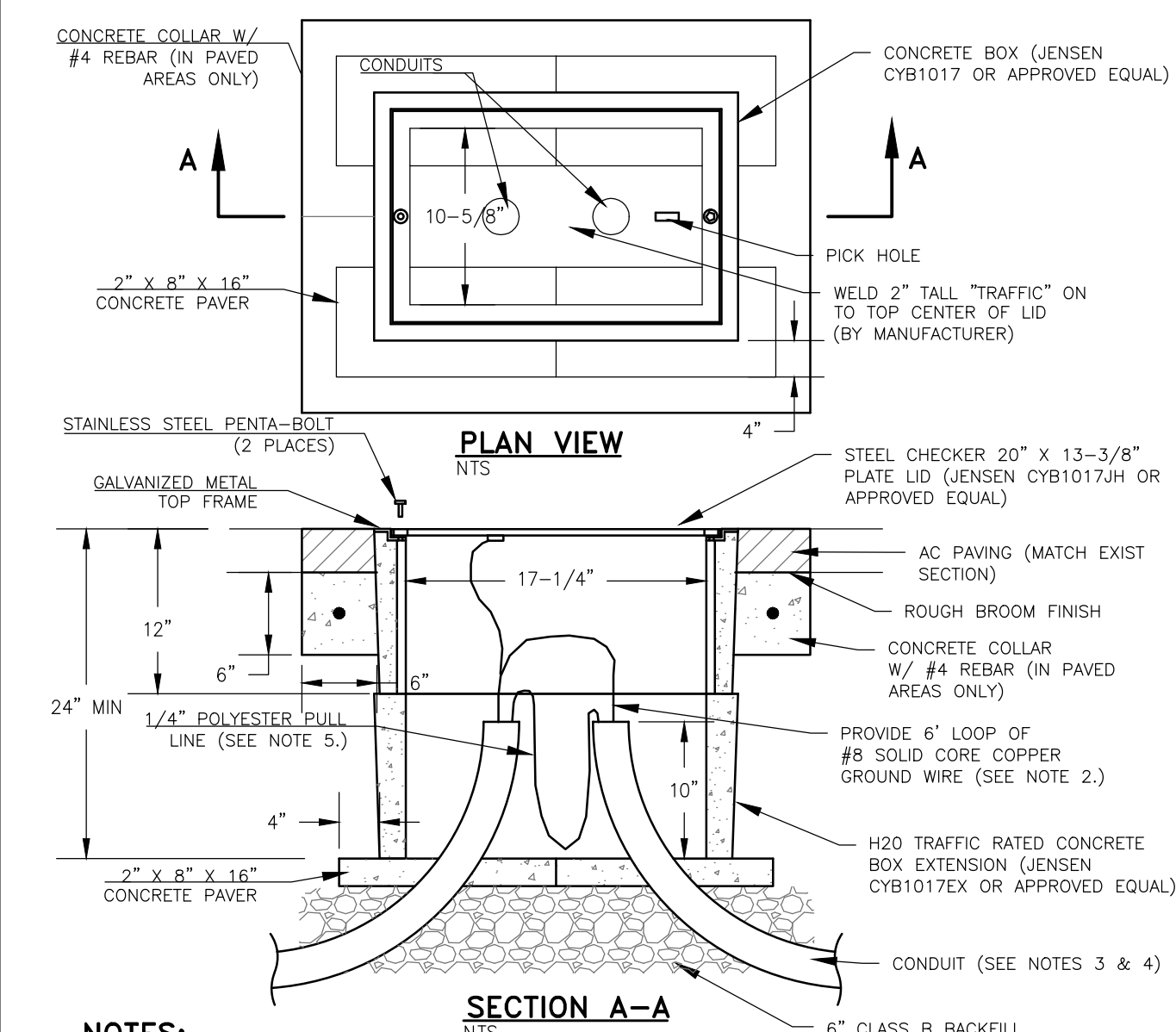


- NOTES:**
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN. COMPRESSIVE STRENGTH @ 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 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.
 - A SPECIAL DESIGN SECTION IS REQUIRED FOR VALLEY GUTTER LOCATED IN TRAFFIC AREAS. SEE "TYPICAL TRAFFIC AREA SECTION" DETAIL.
 - 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 CARSON CITY
1		7/09	P.C.C. VALLEY GUTTER (MODIFIED)	DRAWING NO. C-5.1.2 DATE 7/2009

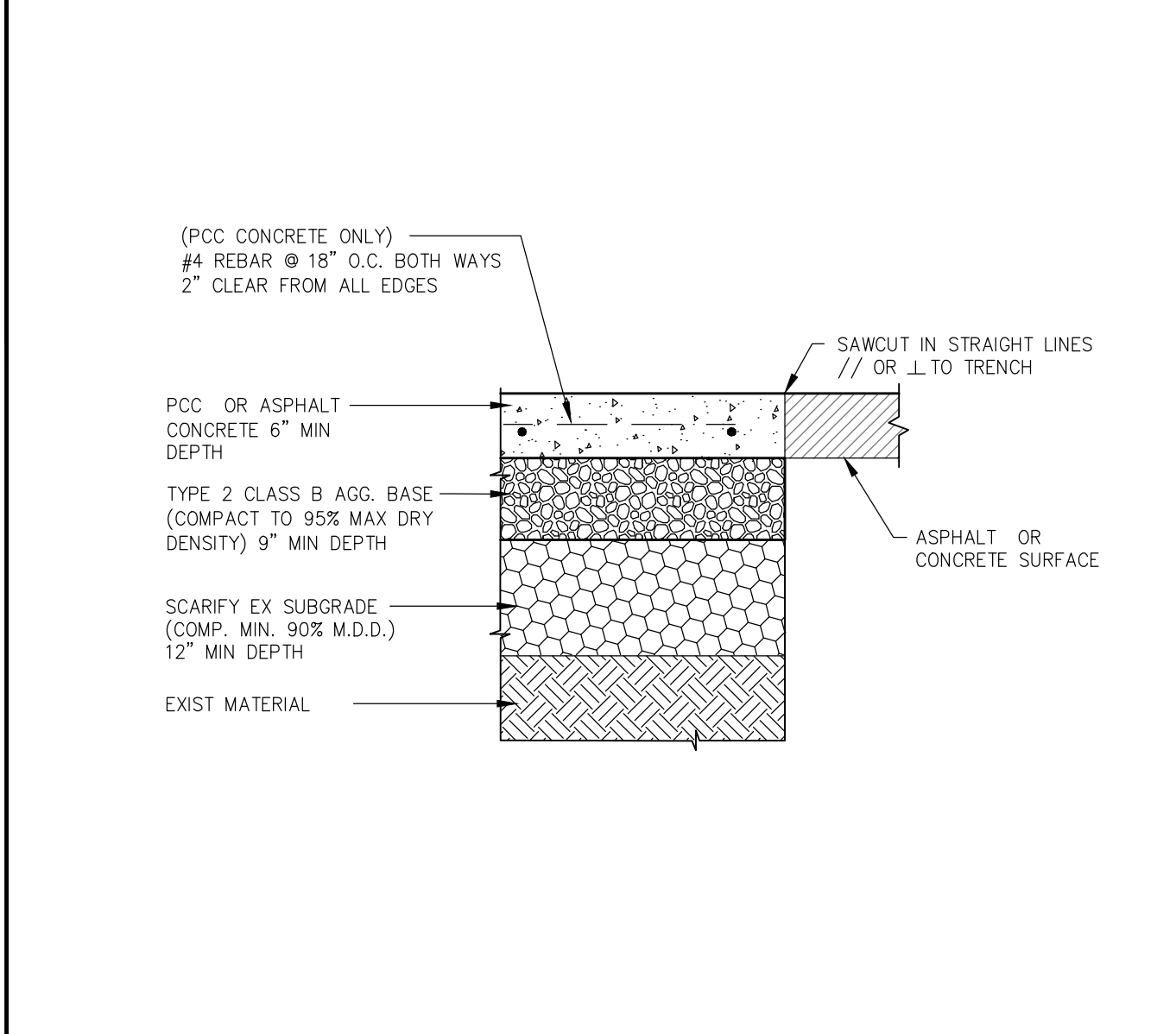
- NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED AND APPROVED BY CARSON CITY PUBLIC WORKS.
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), WITH COARSE AGGREGATE GRADATION CONFORMING 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 CARSON CITY
1	NOTE 8	05/14	SIDEWALK AND DRIVEWAY GENERAL NOTES	DRAWING NO. C-5.2.1 DATE 5/2014



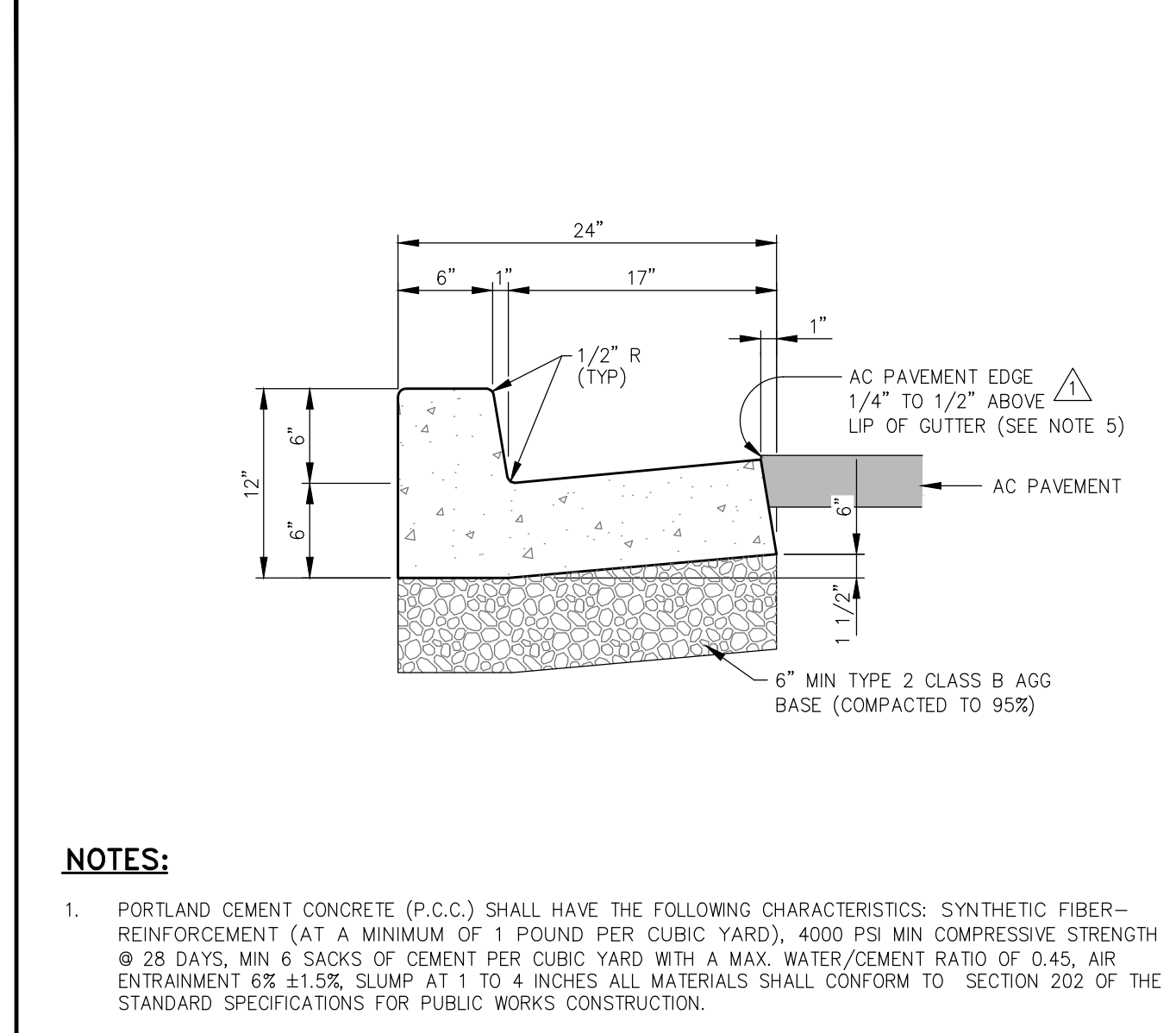
- NOTES:**
- PULL BOXES AND COVERS SHALL BE H-20 TRAFFIC RATED.
 - COVERS SHALL BE CADWELD BONDED TO GROUND WITH A STRANDED 6 AWG WIRE.
 - CONDUIT SHALL BE SCHEDULE 80 AND CONDUIT ENTERING A PULLBOX SHALL BE TERMINATED WITH A SWEEP AND CAPPED WITH AN END BELL.
 - CONDUITS TO USE 3 FEET RADIUS SWEEPS UNLESS OTHERWISE NOTED. SWEEPS ARE NOT TO BE CUT.
 - CONDUITS SHALL HAVE 1/4" POLYESTER PULL LINE WITH SEQUENTIAL FOOTAGE MARKINGS AND A MINIMUM BREAKING STRENGTH OF 400 POUND PULL LINE SHALL EXTEND A MINIMUM OF 3 FEET FROM EACH HANDHOLE.
 - NO. 5 PULL BOXES SHALL BE USED WHERE CONDUIT RUNS CONTAIN TRAFFIC SIGNAL UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. CABLE NO. 3-1/2 PULL BOXES MAY BE USED AT ALL OTHER LOCATIONS.
 - A 6 INCH CLEARANCE SHALL BE MAINTAINED FROM THE PULLBOX LIDS AND THE CONDUCTORS COILED IN THE PULL BOXES.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
1		7/09	TRAFFIC SIGNAL PULL BOX & LID	DRAWING NO. C-5.5.4 DATE 7/2009



- NOTES:**
- PCC SURFACES SHALL BE CONSTRUCTED IN COMPLIANCE WITH STANDARD DETAILS C-5.1.1 AND C-5.2.1. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED WITH SPACING NOT TO EXCEED 10 FEET BOTH WAYS.
 - THIS SPECIAL SECTION SHALL BE USED IN ALL TRAFFIC AREAS.
 - TRAFFIC AREA CONCRETE SHALL REACH 3,000 PSI IN 3 DAYS, NON-CHLORIDE ACCELERATORS ARE ACCEPTABLE.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
1		N/A	TYPICAL TRAFFIC AREAS SECTION	DRAWING NO. C-5.1.6 DATE



- 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 CARSON CITY
1	AC/LIP	06/12	PCC CURB & GUTTER TYPE 1	DRAWING NO. C-5.1.3 DATE 5/2014

DESIGNED BY: BD
 DRAWN BY: BD
 CHECKED BY: DA
 DWG NO.: 10001-0000-0000-0000-0000
 SCALE (HORIZ): N.T.S.
 SCALE (VERT): X"=X'
 PLOT DATE: 2014 DEC 15

CARSON CITY PUBLIC WORKS DEPARTMENT

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

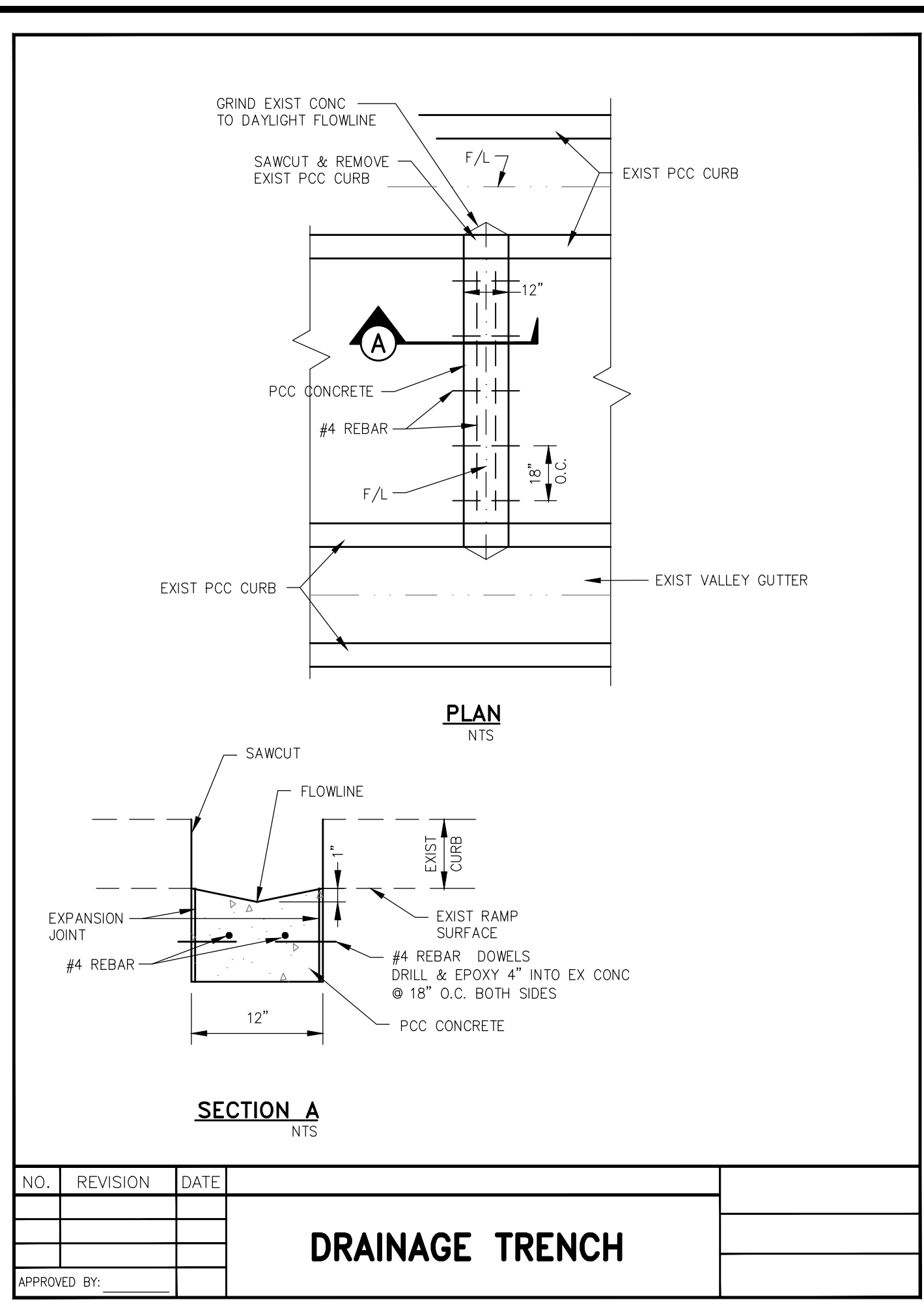
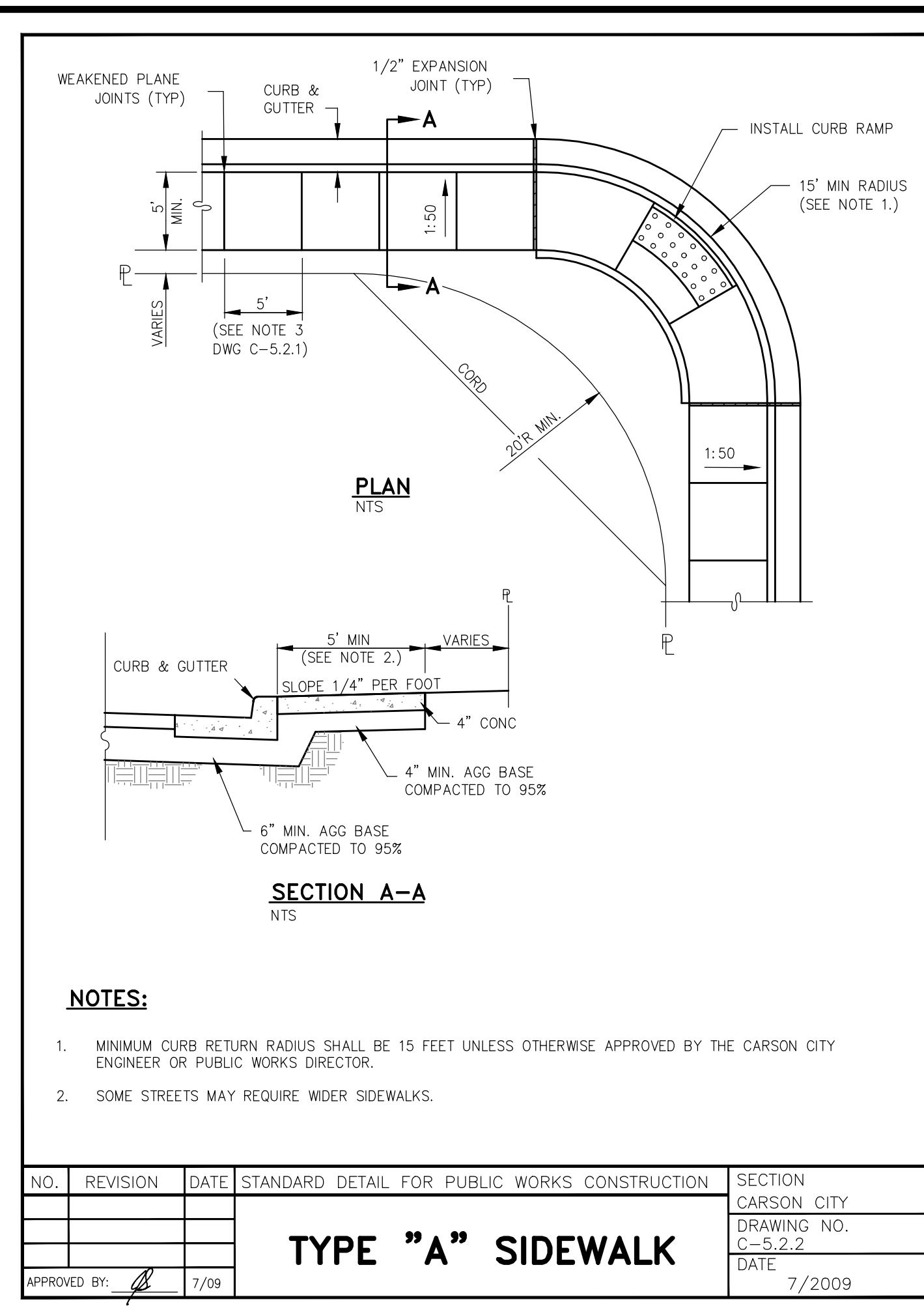
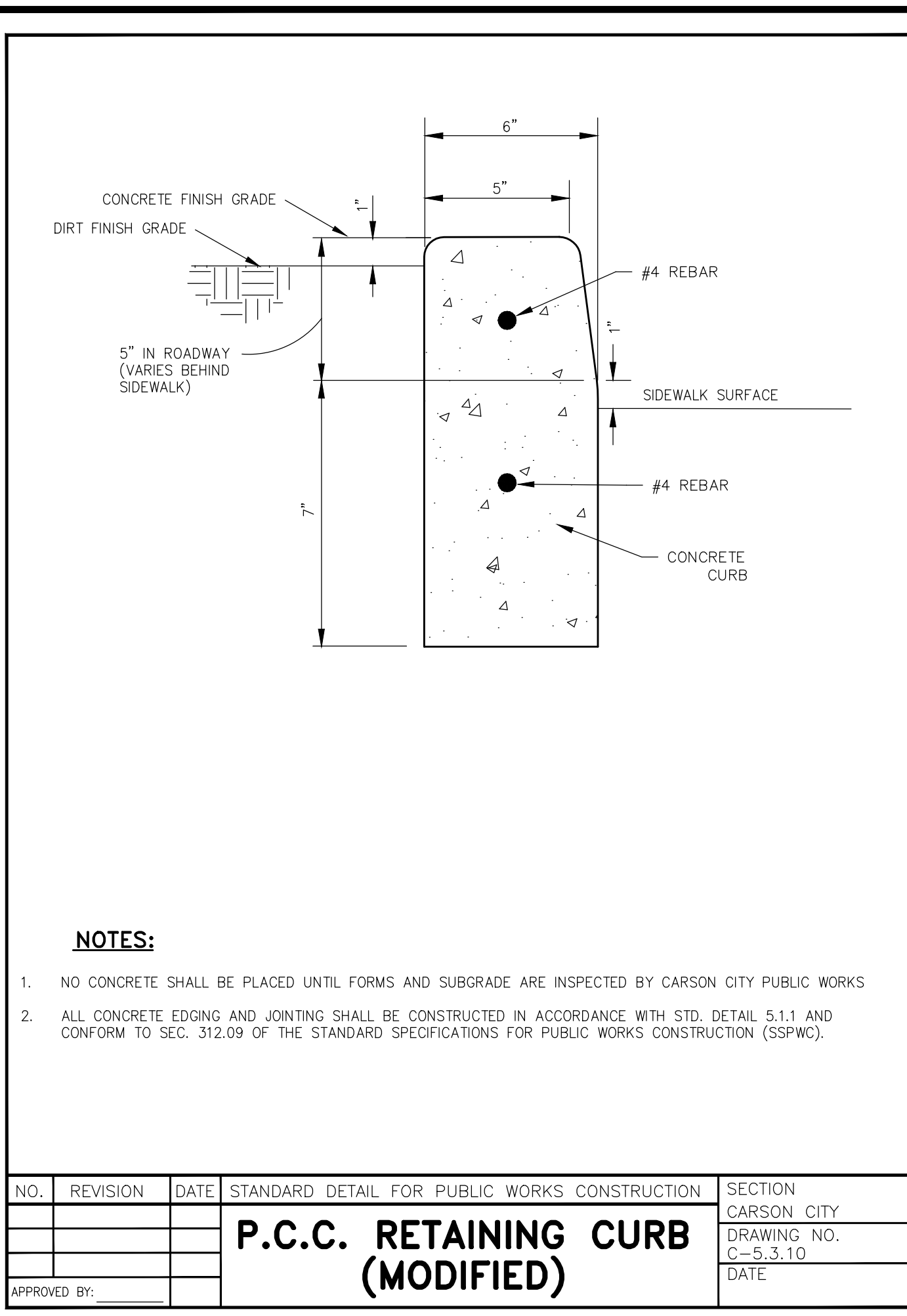
DANIEL L. ROTTER
 Exp 12-31-15
 CIVIL
 No. 22071
 DEC 11, 2014

BY: APP'D
 DESCRIPTION
 DATE
 REV.

CARSON CITY LANDFILL ENTRANCE REPAIR PROJECT No. LF0001

DETAILS

SHEET **C4** OF **6**



ABBREVIATIONS

AB	AGGREGATE BASE	MH	MANHOLE
AC	ASPHALTIC CONCRETE	MIN	MINIMUM
AGG	AGGREGATE	MMD	MAXIMUM MARSHAL DENSITY
APN	ASSESSORS PARCEL NUMBER	N	NORTH
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	N.C.	NOT IN CONTRACT
AWWA	AMERICAN WATER WORKS ASSOCIATION	NTS	NOT TO SCALE
CB	CATCH BASIN	OD	OUTSIDE DIAMETER
CI	CAST IRON	OC	ON CENTER
CL	CENTER LINE, CLASS	PCC	PORTLAND CEMENT CONCRETE
COMP	COMPACT/COMPACTED	PE	POLYETHYLENE
C&G	CURB & GUTTER	PL	PROPERTY LINE
CONC	CONCRETE	PS	POUNDS PER SQUARE INCH
DV	DROP INLET/DUGOUT	PVC	POLYVINYL CHLORIDE
DTL	DETAIL	PAV	PAVEMENT
DIA.	DIAMETER	R	RADIUS
DWG	DRAWING	ROW	RIGHT OF WAY
EX. EXIST	EXISTING	S	SLOPE, SOUTH
E	EAST	SCH	SCHEDULE
EA	EACH	SD	STORM DRAIN
ELECT	ELECTRIC/ELECTRICAL	SDMH	STORM DRAIN MANHOLE
ELEV	ELEVATION	SF	SQUARE FEET
EP	EDGE OF PAVEMENT	ST	SHEET
F	FEET	SS	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
FG	FINISH GRADE	SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
FL	FLOWLINE	STD	STANDARD
G	GAS	STL	STEEL
OS	No. 4 SLOPE	SVC	SERVICE
ORD	With a 1/2" Drop	T.B.C.	TOP BACK OF CURB
OV	1 TURBIDITY	TOC	TOP OF CURB/TOP OF CONCRETE
HORIZ	HORIZONTAL	TOP	TOP OF PIPE
HP	HIGH POINT/HORSEPOWER	T.O.V.	TOP OF VAULT
HV	HORIZONTAL/VERTICAL	TY	TYPICAL
I.D.	INTERNAL DIAMETER	U	UNDERGROUND
IE	INVERT ELEVATION	UL	UNDERWRITERS LABORATORIES
INTX	INTERSECTION	V	VALLEY GUTTER
L	LENGTH	VERT	VERTICAL
LAT	LATERAL	W	WEST, WATER
LT	LINEAL FEET	W/O	WITHOUT
MAX	MAXIMUM		
MDD	MAXIMUM DRY DENSITY		

SECTION A-A PILE FOUNDATION

DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 DWG NO.: _____
 SCALE (HORIZ): N.T.S.
 SCALE (VERT): "X"=XX"
 PLOT DATE: 2014 DEC 15

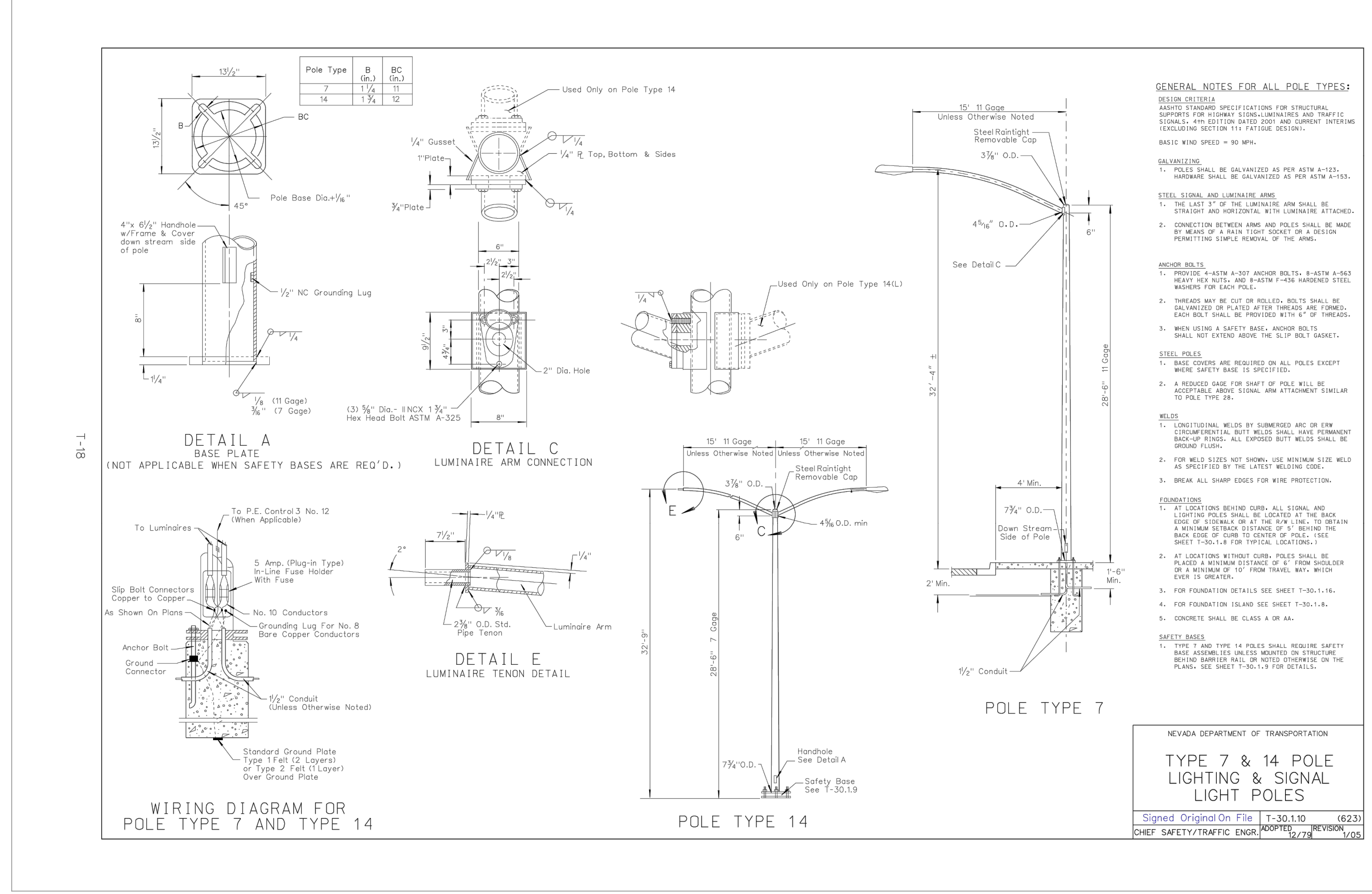
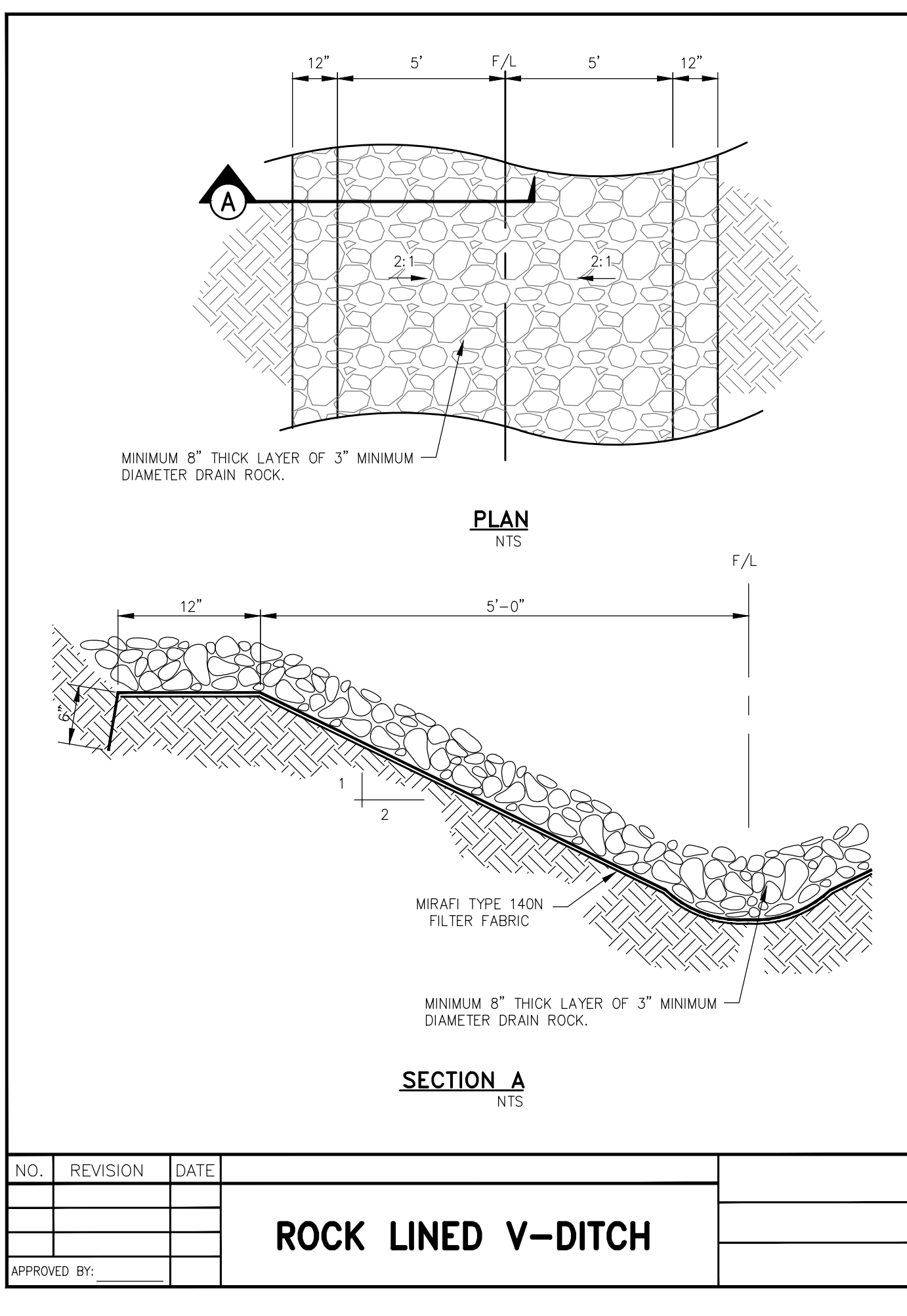
CARSON CITY DEPARTMENT PUBLIC WORKS

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

DANIEL L. ROTTER
 PROFESSIONAL ENGINEER STATE OF NEVADA
 Exp 12-31-15
 No 29871
 DEC 11, 2014

NO.	REVISION	DATE	DESCRIPTION

BY: APP'D _____

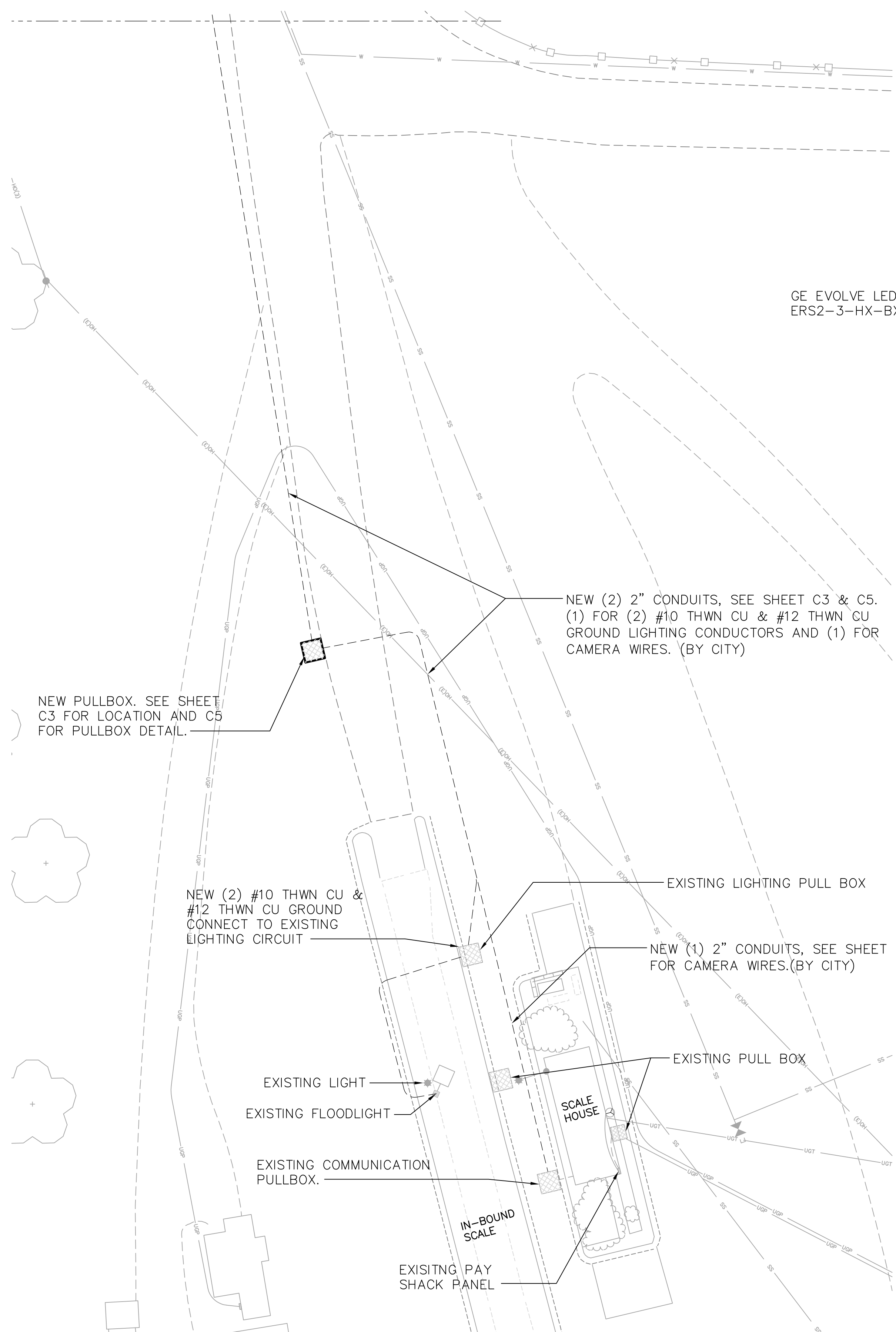


CARSON CITY LANDFILL ENTRANCE REPAIR PROJECT No. LF0001

DETAILS

SHEET C5 OF 6

NO.	REVISION	DATE	DESCRIPTION



GE EVOLVE LED LIGHTING #
ERS2-3-HX-BX-5-40-5-GRAY-FL

NEW (2) 2" CONDUITS, SEE SHEET C3 & C5.
(1) FOR (2) #10 THWN CU & #12 THWN CU
GROUND LIGHTING CONDUCTORS AND (1) FOR
CAMERA WIRES. (BY CITY)

NEW PULLBOX. SEE SHEET
C3 FOR LOCATION AND C5
FOR PULLBOX DETAIL.

NEW (2) #10 THWN CU &
#12 THWN CU GROUND
CONNECT TO EXISTING
LIGHTING CIRCUIT

EXISTING LIGHTING PULL BOX

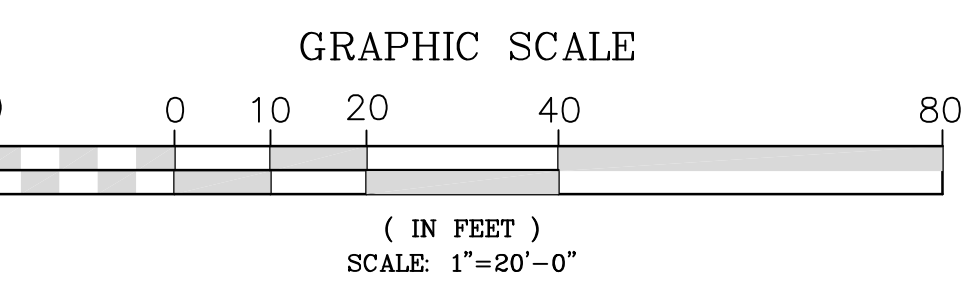
NEW (1) 2" CONDUITS, SEE SHEET
FOR CAMERA WIRES.(BY CITY)

EXISTING LIGHT
EXISTING FLOODLIGHT

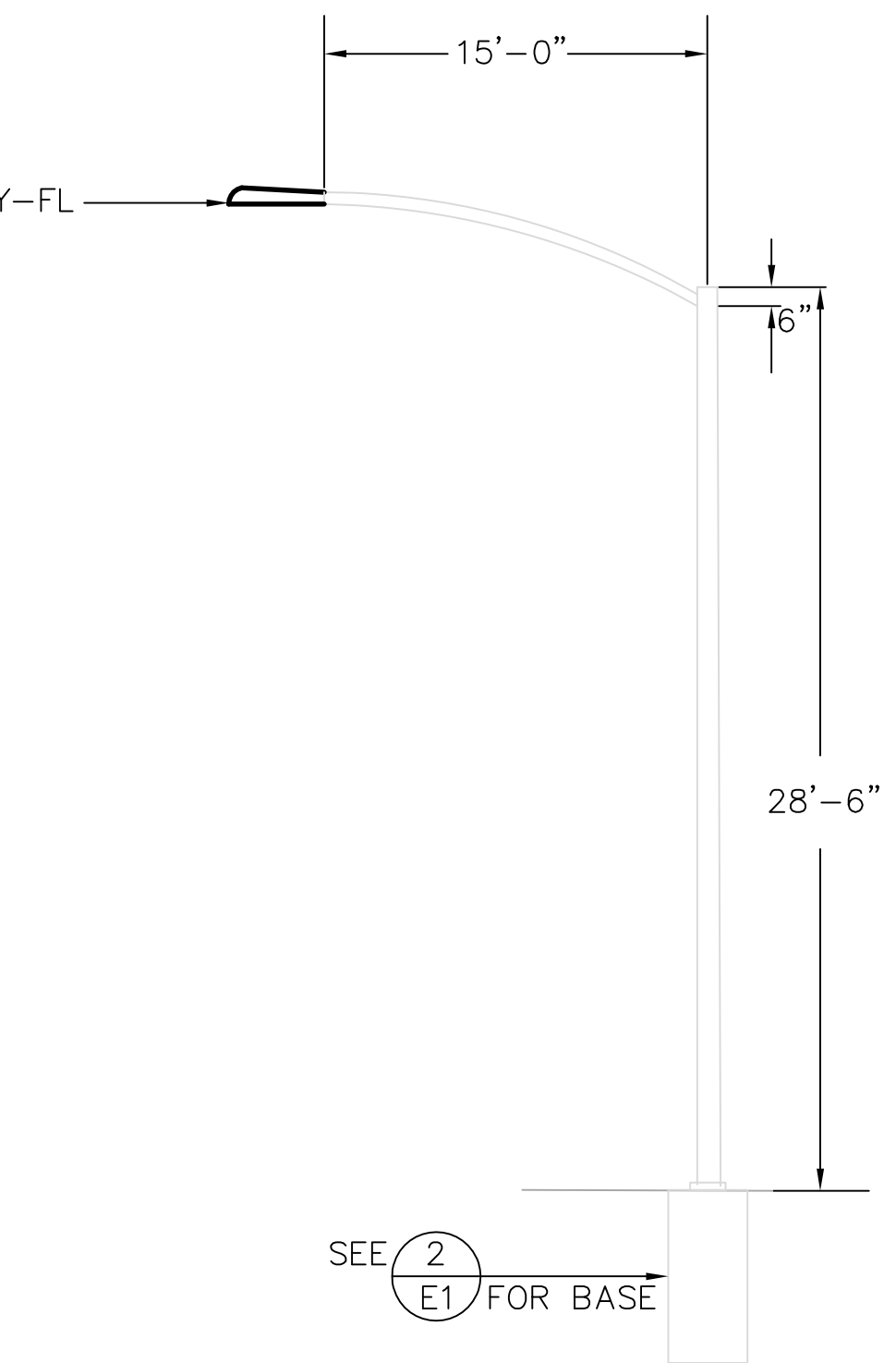
EXISTING PULL BOX

EXISTING COMMUNICATION
PULLBOX.

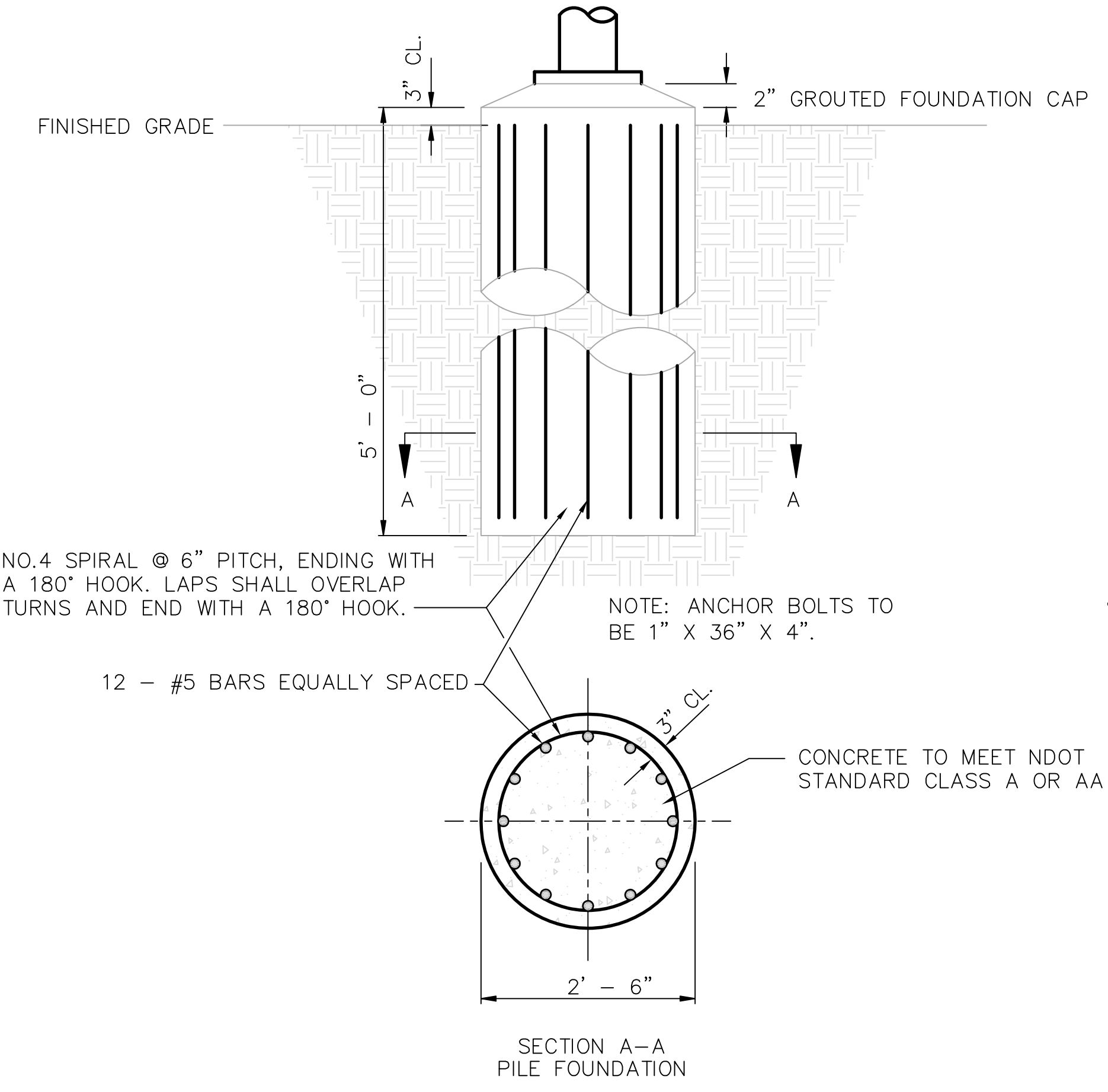
EXISTING PAY
SHACK PANEL



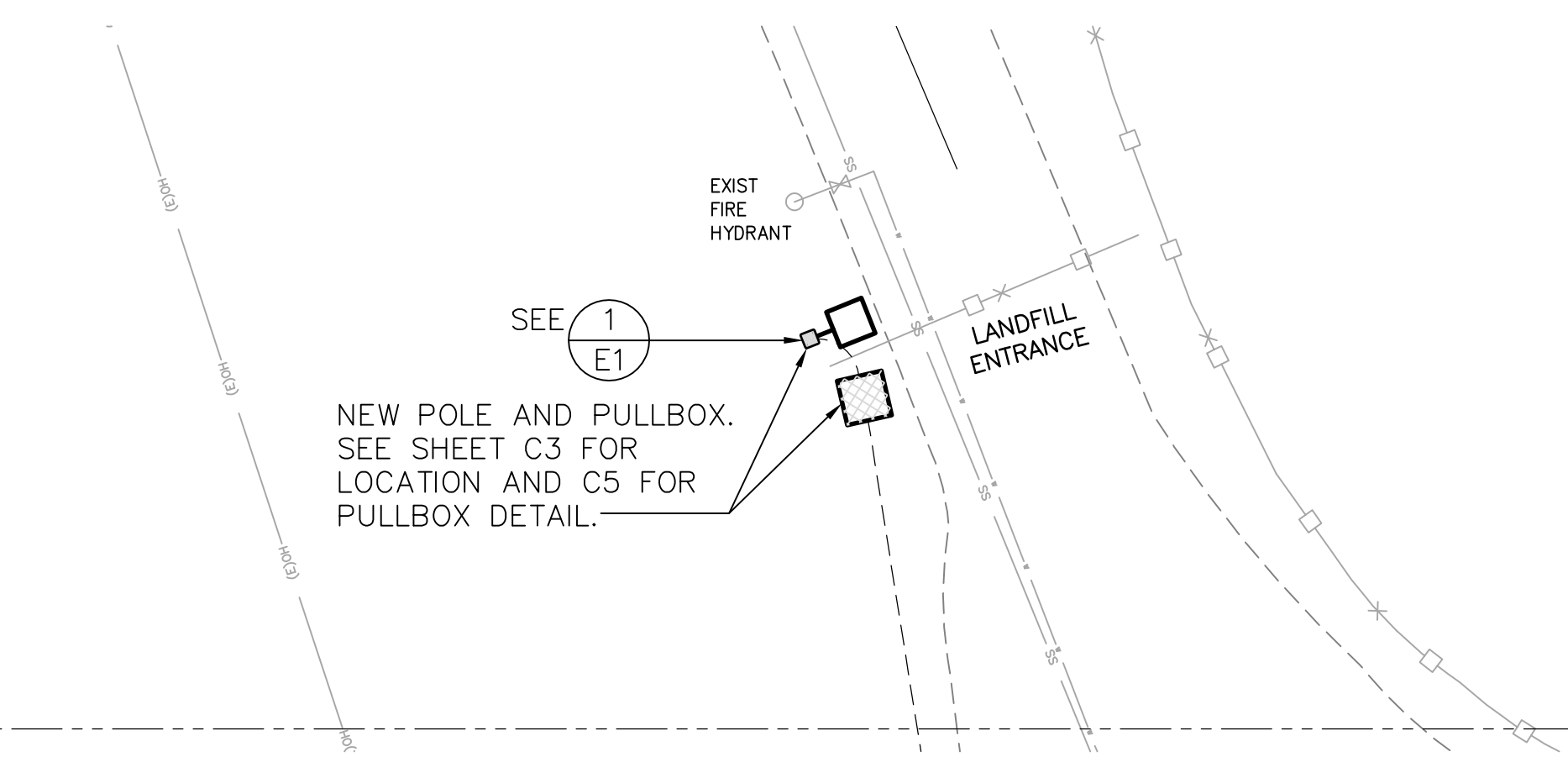
A
E1 ELECTRICAL SITE PLAN
1"=20'-0"



1
E1 NDOT TYPE 7
LIGHT POLE DETAIL
NTS



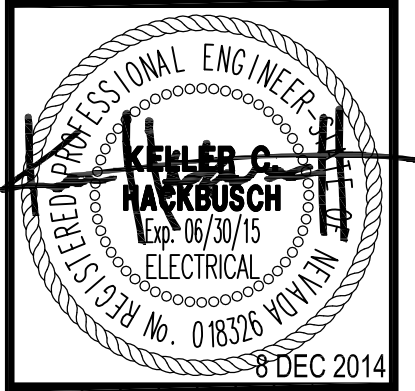
1
E1 NDOT TYPE 7 STANDARD
LIGHT POLE BASE DETAIL
NTS



B
E1 ELECTRICAL SITE PLAN (CONT.)
1"=20'-0"

DESIGNED BY: MMB
DRAWN BY: MMB
CHECKED BY: ERG
DWG NO.: 4465.1 (REV)
SCALE (HORIZ): 1"=20'-0"
SCALE (VERT): 1"=5'-0"
PLOT DATE: 12/8/14

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



REV.	DATE	DESCRIPTION	BY	APP'D

CARSON CITY LANDFILL
ENTRANCE REPAIR
PROJECT No. LF0001
ELECTRICAL PLANS

DINTER
Airfield Electrical Mechanical
385 Gentry Way
Reno, NV 89502
Ph: 775.826.4044
Fax: 775.826.4190
Web: dinter.com
J-4465.1