

EAST LONG STREET PEDESTRIAN IMPROVEMENT PROJECT

NORTH CARSON STREET TO NORTH STEWART STREET CARSON CITY, NEVADA - SECTION 8, T15N, R20E PROJECT 01.1405

BOARD OF SUPERVISORS

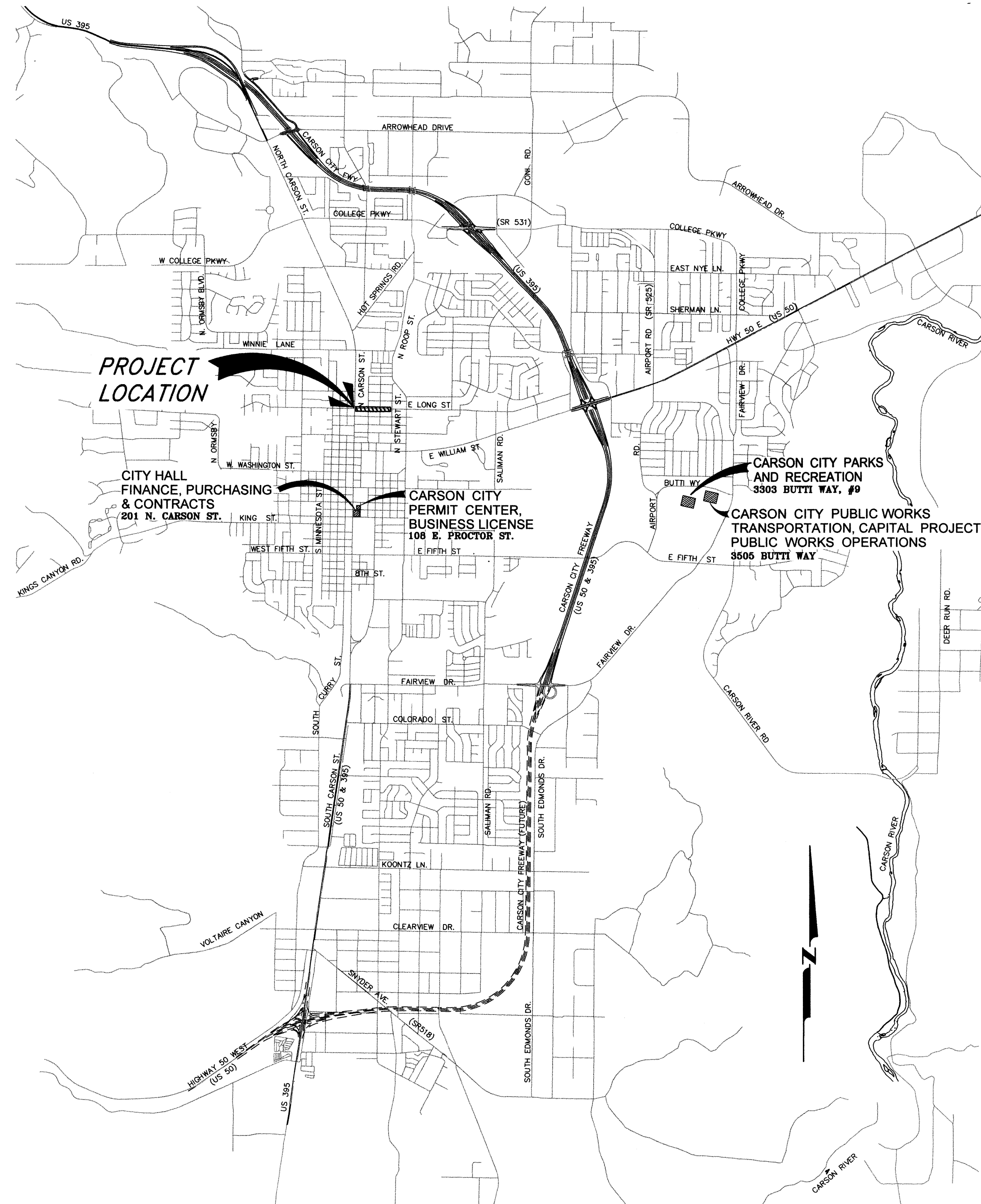
Robert L. Crowell	Mayor
Brad Bonkowski	Supervisor
Karen Abowd	Supervisor
Lori Bagwell	Supervisor
Jim Shirk	Supervisor
Sue Merriwether	City Clerk

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 IV 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. (COMC 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. POTHOLING 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 (6)(a) AND PRESSURE TESTED ACCORDING TO AWWA STANDARD C605 PER NAC 445A.67145 (7)(b).



VICINITY MAP
N.T.S.

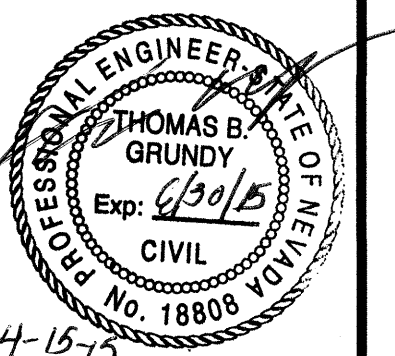
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DESIGNED BY: TG/DLO
DRAWN BY: DLO
CHECKED BY: TG/DGR
DWG NO.: 01-1405-14-000
SCALE (HORIZ): N/A
SCALE (VERT): N/A
PLOT DATE: 4/14/15

**CARSON CITY
PUBLIC WORKS DEPARTMENT**

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



REV.	DATE	DESCRIPTION

**EAST LONG STREET
PEDESTRIAN IMPROVEMENT PROJECT**
PROJECT No. 01-1405

TITLE SHEET



SHEET
G1
OF
9

PERMIT NO. XX-XXXX

FOR BIDDING PURPOSE ONLY

BASIS OF BEARING

NAD 1983 (94) NEVADA STATE PLANE COORDINATE SYSTEM WEST ZONE 2703 AS SHOWN ON RECORD OF SURVEY MAP #2749 "2010 CARSON CITY CONTROL NETWORK" FILED IN THE CARSON CITY, NEVADA RECORDER'S OFFICE AS FILE #403435.

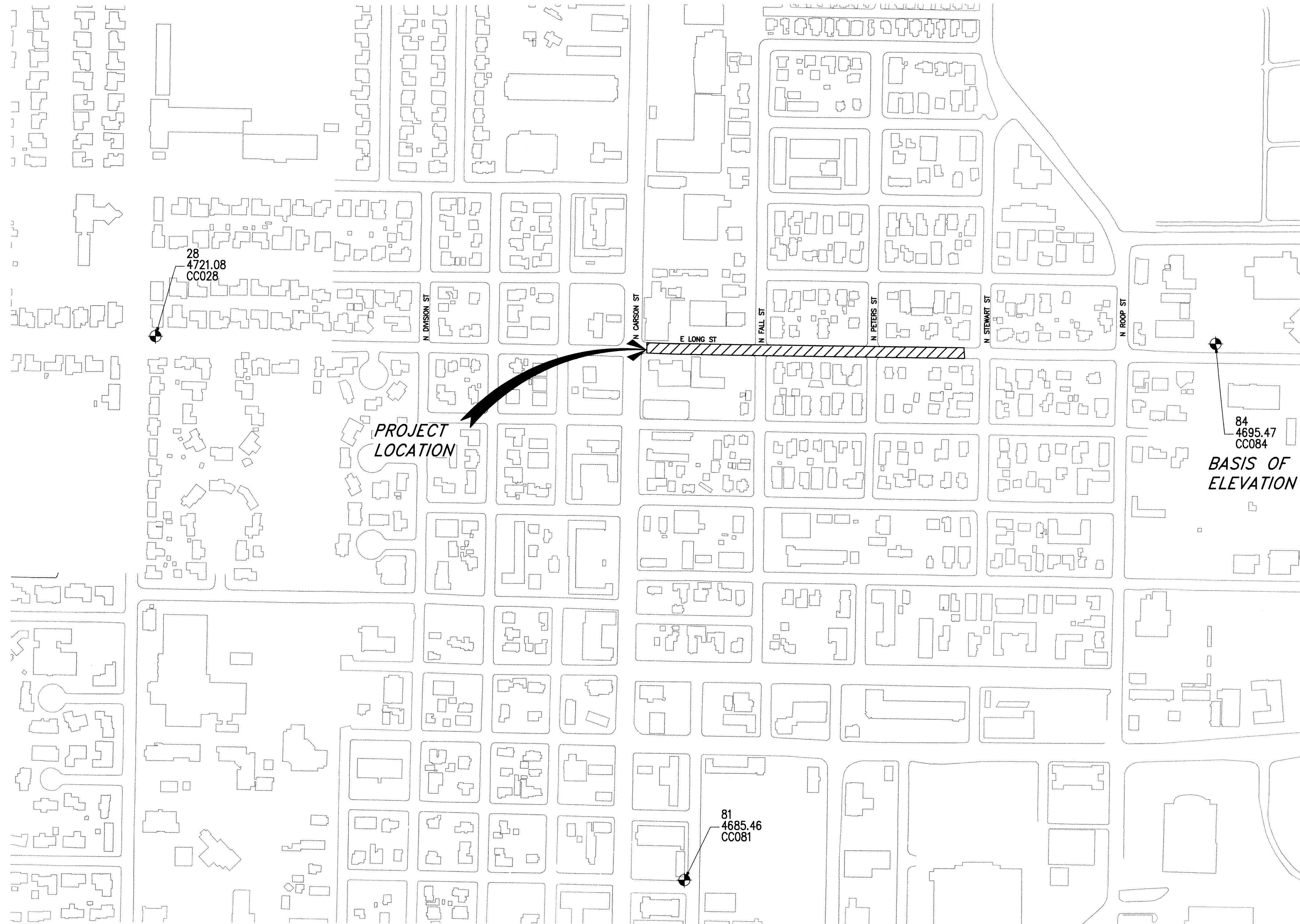
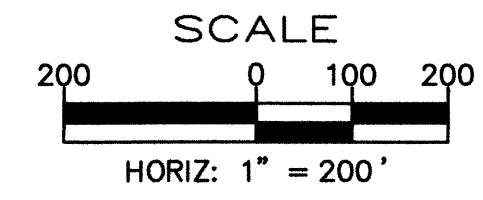
BASIS OF ELEVATION

BASIS OF ELEVATION FOR THIS PROJECT IS CARSON CITY SURVEY CONTROL MONUMENT CC084, WHICH IS A 2" BRASS DISK STAMPED "CC084 2010" LOCATED IN THE TOP OF CURB, ADJACENT TO A SIDEWALK APPROXIMATELY 30' EAST OF THE WEST ENTRANCE TO 900 EAST LONG STREET, APPROXIMATELY 45' NORTH OF THE CENTERLINE OF EAST LONG STREET.

ELEVATION=4695.47'

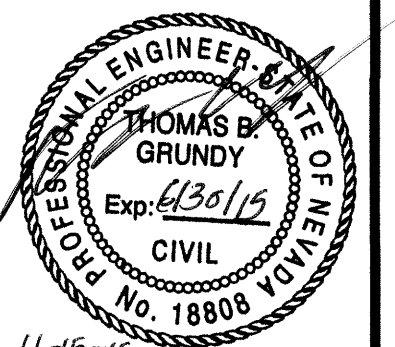
DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

HORIZONTAL & VERTICAL CONTROL POINT DATA				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
28	14739147.40	2287977.44	4721.08	CC028
81	14737309.39	2289771.35	4685.46	CC081
84	14739124.52	2291576.31	4695.47	CC084



DESIGNED BY: TG/DLO
DRAWN BY: DLO
CHECKED BY: TG/DGR
DWG NO.: 01-1405-1405
SCALE (HORIZ): 1"=200'
SCALE (VERT): N/A
PLOT DATE: 4/14/15

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



REV.	DATE	DESCRIPTION	BY	APP'D

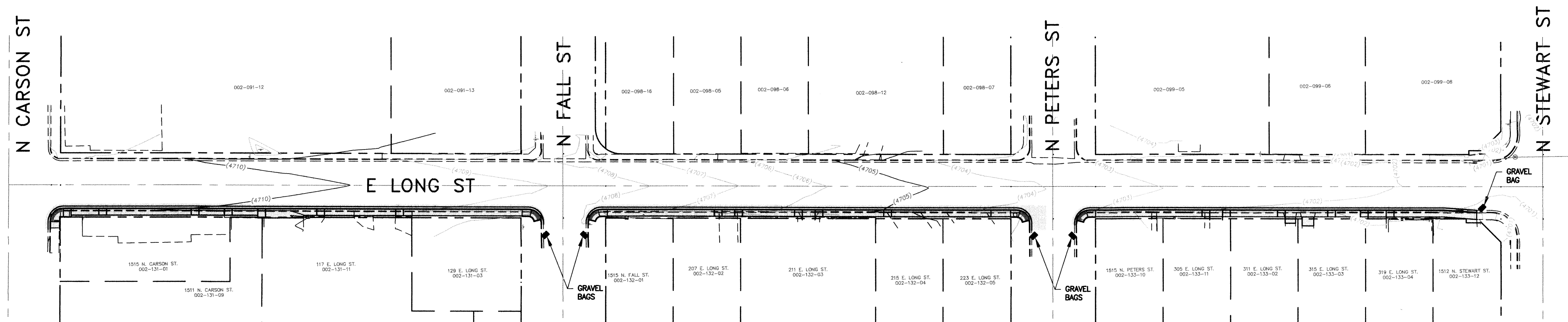
**EAST LONG STREET
PEDESTRIAN IMPROVEMENT PROJECT
PROJECT No. 01-1405**

HORIZONTAL & VERTICAL CONTROL

SHEET
OF
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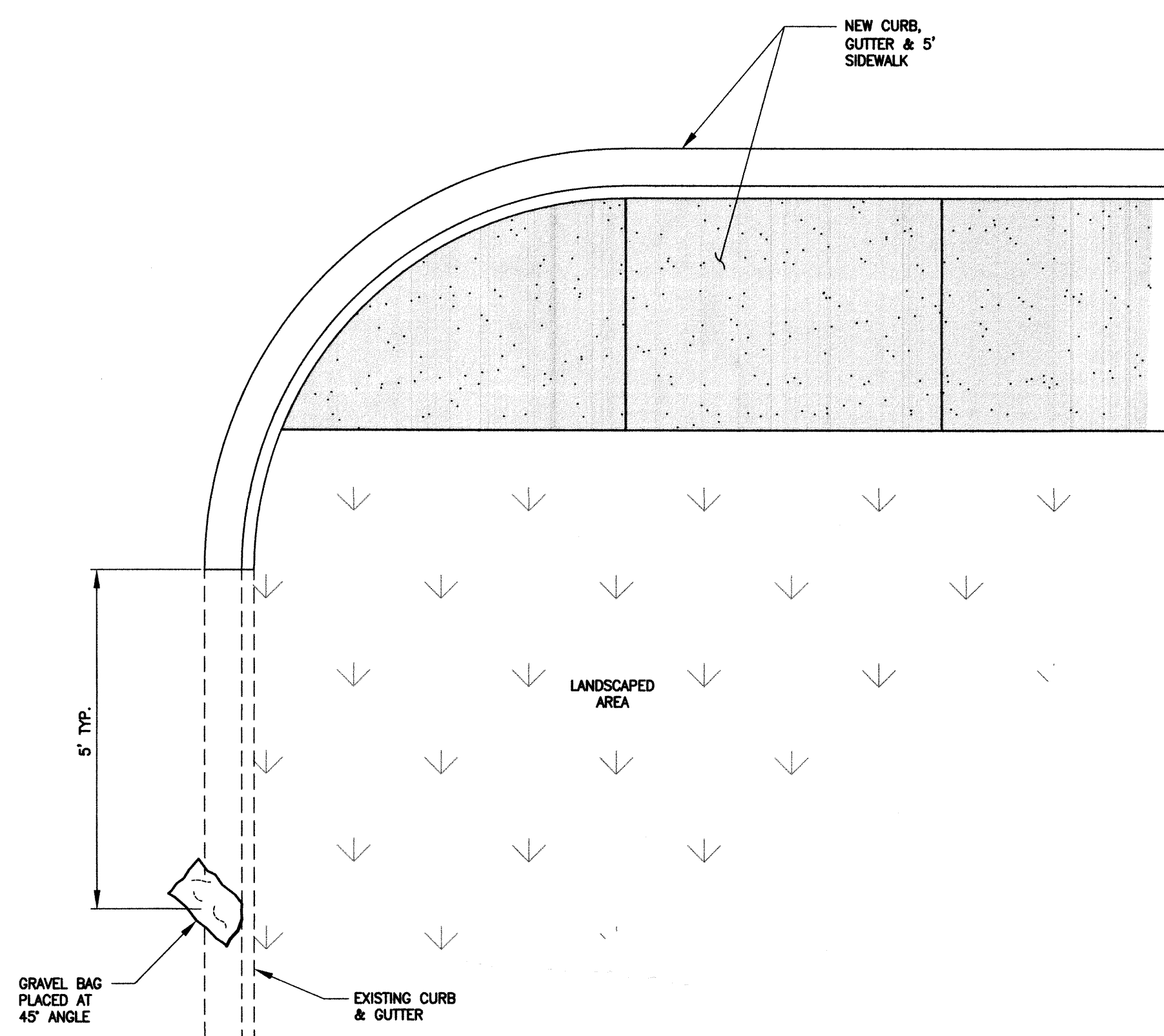
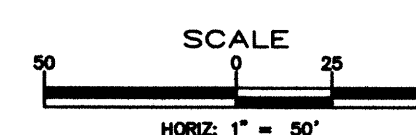
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STORMWATER POLLUTION PREVENTION PLAN – EAST LONG STREET

SCALE: 1" = 50' HORIZ.



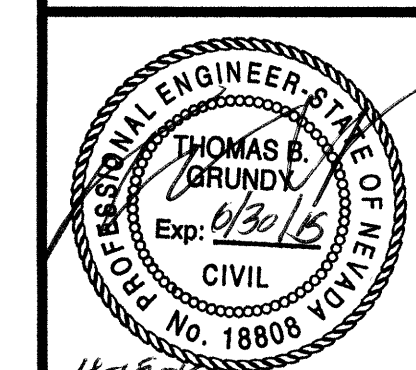
TYPICAL GRAVEL BAG INSTALLATION 1
G4
NO SCALE

STORMWATER PROTECTION NOTES:

1. 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.
2. ALL INSTALLED PROTECTION DEVICES SHALL BE INSPECTED AND APPROVED BY THE CARSON CITY CONSTRUCTION INSPECTOR PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. BMP'S IN ADDITION TO THOSE INDICATED ON PLAN SHEETS G4, AND THE CONTRACTOR'S SWPPP MAY BE REQUIRED IF THEY DON'T MEET LOCAL PERFORMANCE STANDARDS.
4. ALL BMP'S MUST BE INSPECTED WEEKLY, PRIOR TO FORECASTED RAIN EVENTS, AND WITHIN 24 HOURS AFTER ANY EVENT THAT CREATES RUNOFF AT THE SITE.
5. ACCUMULATED SEDIMENT MUST BE REMOVED FROM BMP'S 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.
6. 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.
7. ANY ROCK THAT IS LOOSENEED FROM THE ENTRANCE STABILIZATION PAD, WHICH END UP ON THE PAVED ROADWAY SHALL BE REMOVED IMMEDIATELY.
8. CONTRACTOR SHALL INSPECT LOCAL ROADS ADJACENT TO THE SITE DAILY, SWEEP OR VACUUM TO REMOVE ANY VISIBLE ACCUMULATED SEDIMENT.
9. 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.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DUST CONTROL WITHIN THE CONSTRUCTION LIMITS AT ALL TIMES.
11. STORM DRAIN INLET PROTECTION SHALL BE PLACED ACCORDINGLY ON THE NEAREST INLETS DOWNSTREAM OF ALL CONSTRUCTION ACTIVITIES.
12. HIGH VISIBILITY ORANGE SILT FENCE SHALL BE INSTALLED PER THE DETAILS SHOWN HEREON, AND MAINTAINED THROUGH OUT THE PROJECT.
13. 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 BMP'S.

DESIGNED BY: TG/DLO
 DRAWN BY: DLO
 CHECKED BY: TG/DSR
 DWG NO.: 01-1405-imp-imp
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): 1"=2'
 PLOT DATE: 4/14/15

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



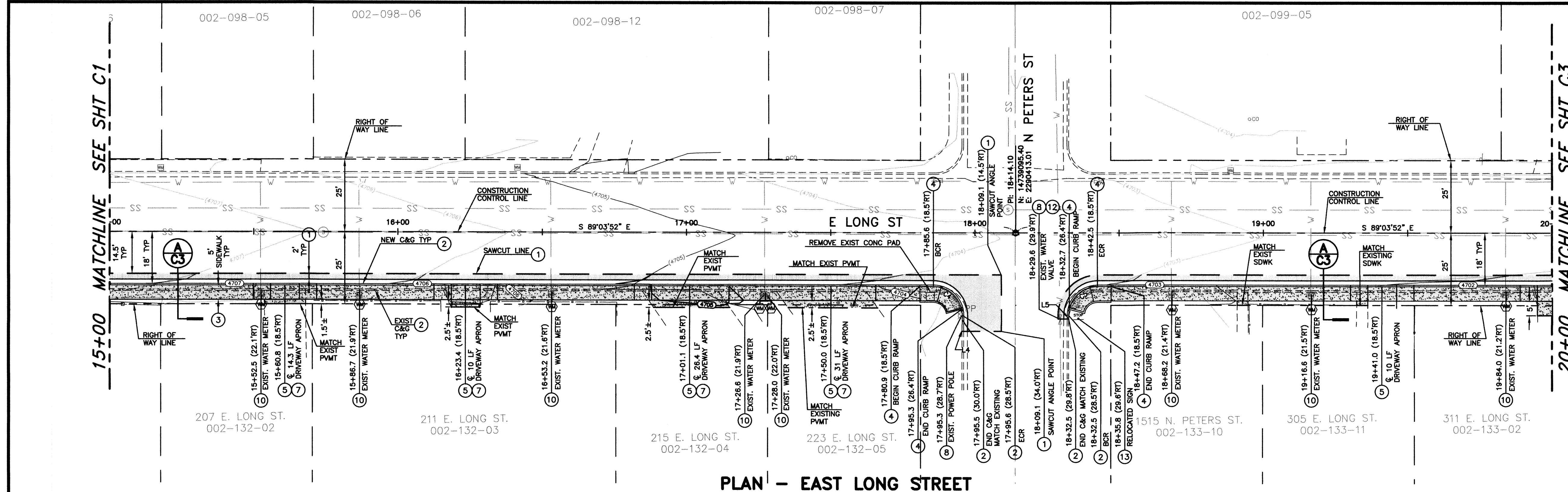
REV.	DATE	DESCRIPTION	BY	APP'D

**EAST LONG STREET
 PEDESTRIAN IMPROVEMENT PROJECT
 PROJECT No. 01-1405
 EAST LONG STREET
 STORMWATER POLLUTION
 PREVENTION PLAN**

SHEET
G4
 OF
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FOR BIDDING PURPOSE ONLY

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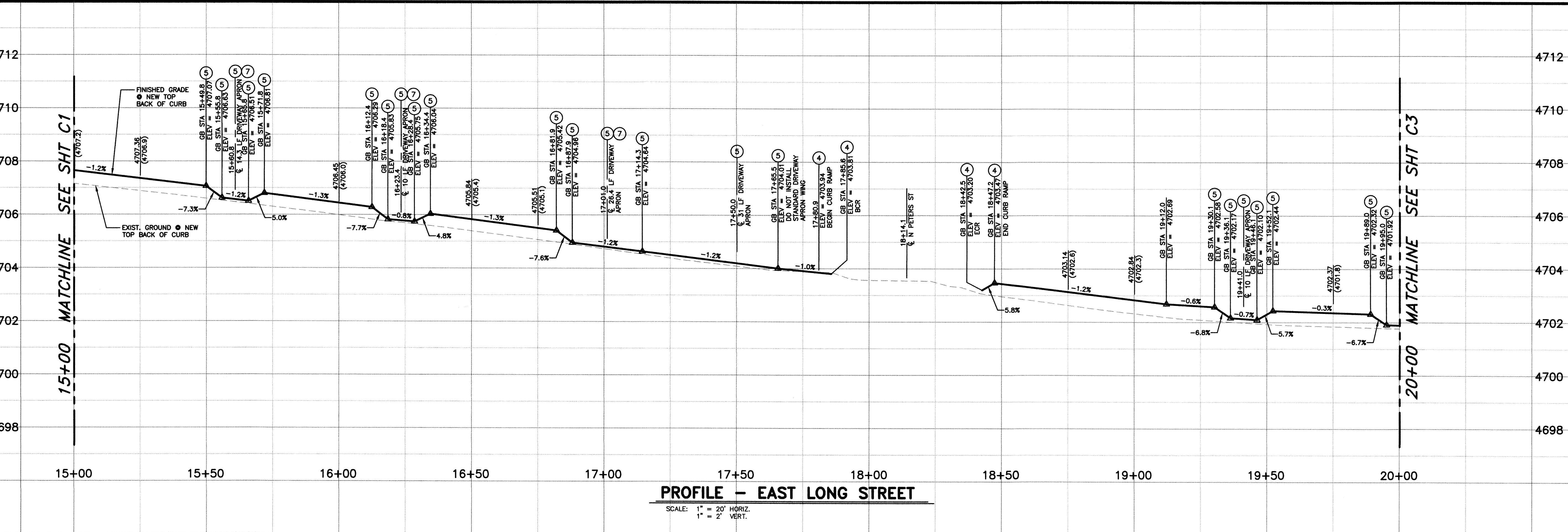


PLAN - EAST LONG STREET
SCALE: 1" = 20' HORIZ.

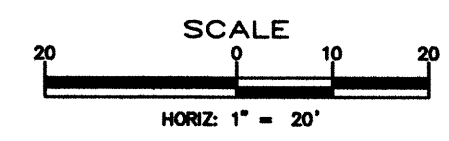
CONSTRUCTION NOTES

- 1 LIMITS FOR SAW-CUT, REMOVAL AND REPLACEMENT OF EXISTING AC PAVEMENT SHALL BE PER PAVEMENT SECTION A, SHEET C3.
- 2 LIMITS FOR SAW-CUT, REMOVAL AND REPLACEMENT OF EXISTING PCC CURB & GUTTER SHALL BE PER STD DRAWING C-5.1.3 AND SECTION A, SHEET C3. MATCH EXISTING LINE & GRADE.
- 3 CONSTRUCT PCC SIDEWALK PER STD. DRAWING C-5.2.2 AND SECTION A, SHEET C3.
- 4 CONSTRUCT MODIFIED PARALLEL CURB RAMP APEX PER STD. DRAWING C-5.3.5 AND RAMP GRADING DETAIL 3 ON SHEET C5. MATCH EXISTING LINE & GRADE.
- 5 CONSTRUCT PCC DRIVEWAY APRON TYPE 1, PER STD. DRAWING C-5.2.3. DRIVEWAY TRANSITION LENGTH PER PLAN.
- 6 SAWCUT & REMOVE EXISTING PCC DRIVEWAY SLAB TO LIMITS SHOWN ON PLAN. REPLACEMENT CONCRETE SHALL BE 4 INCHES THICK, OVER 6 INCHES COMPACTED TYPE 2 AGGREGATE BASE. TOOLED JOINTS AND FINISH TO MATCH ADJACENT CONCRETE SURFACE.
- 7 PROTECT IN PLACE.
- 8 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 2, SHEET C5.
- 9 ADJUST EXISTING WATER VALVE FRAME AND COVER TO NEW FINISHED GRADE PER STD. DRAWING C-3.1.4.
- 10 RELOCATE EXISTING SIGN AND POST PER STD. DRAWING C-5.4.2.

Line & Curve #	Length	Bearing/Delta	Radius	Tangent
C4	15.74'	90°09'43"	10.00'	10.03'
C5	15.73'	90°08'01"	10.00'	10.02'
L4	5.47'	S1° 05' 51"W		
L5	1.23'	S0° 48' 07"W		



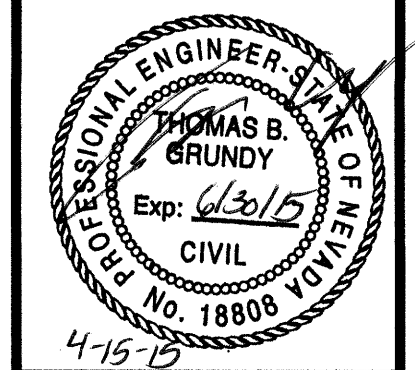
PROFILE - EAST LONG STREET
SCALE: 1" = 20' HORIZ.
1" = 2' VERT.



Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600

DESIGNED BY: TG/DLO
DRAWN BY: DLO
CHECKED BY: TG/DGR
DWG NO.: 01-1405-000-002
SCALE (HORIZ): 1"=20'
SCALE (VERT): 1"=2'
PLOT DATE: 4/14/15

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



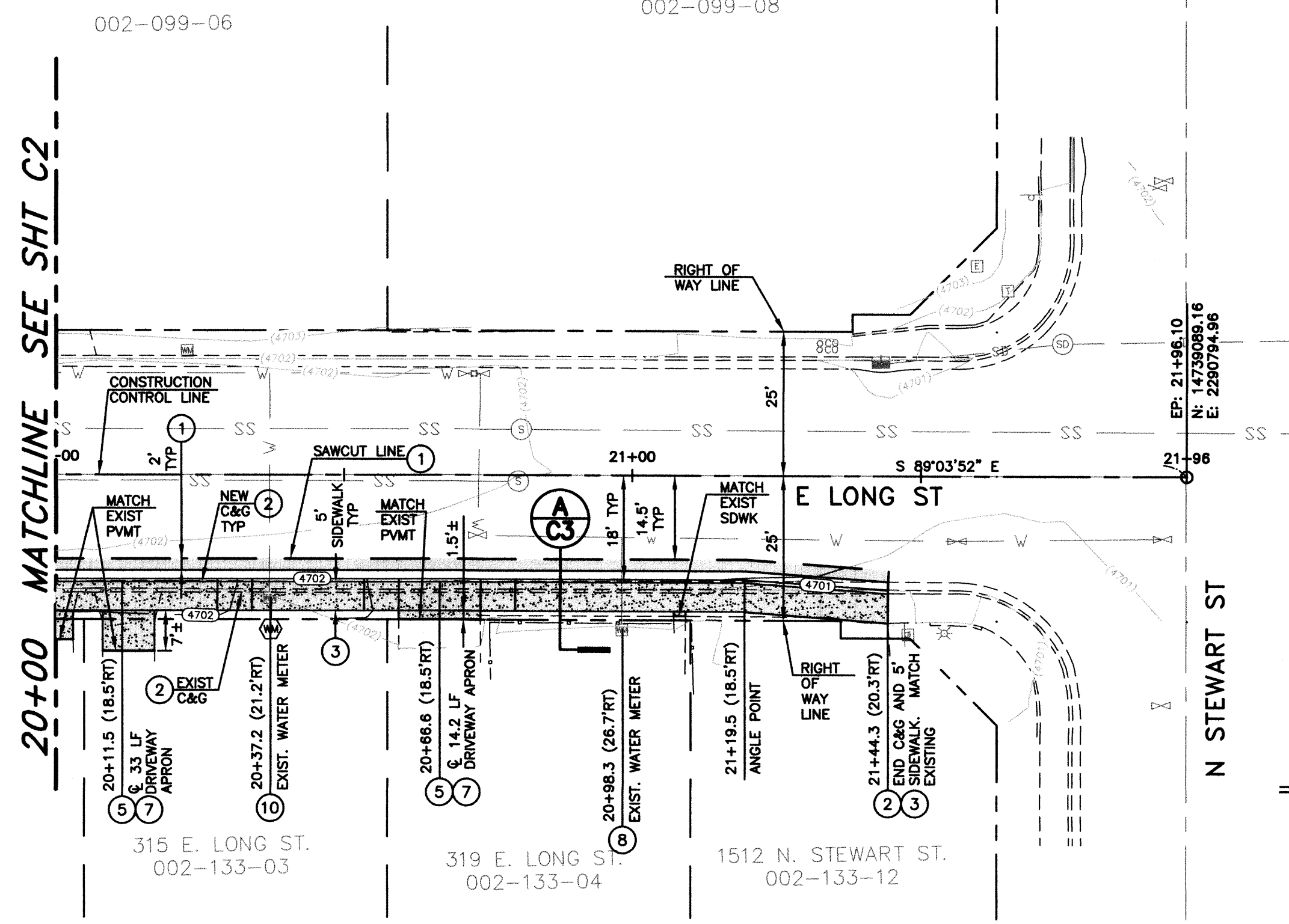
REV.	DATE	DESCRIPTION

EAST LONG STREET PEDESTRIAN IMPROVEMENT PROJECT
PROJECT No. 01-1405
EAST LONG STREET PLAN & PROFILE
STA 15+00 TO STA 20+00

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

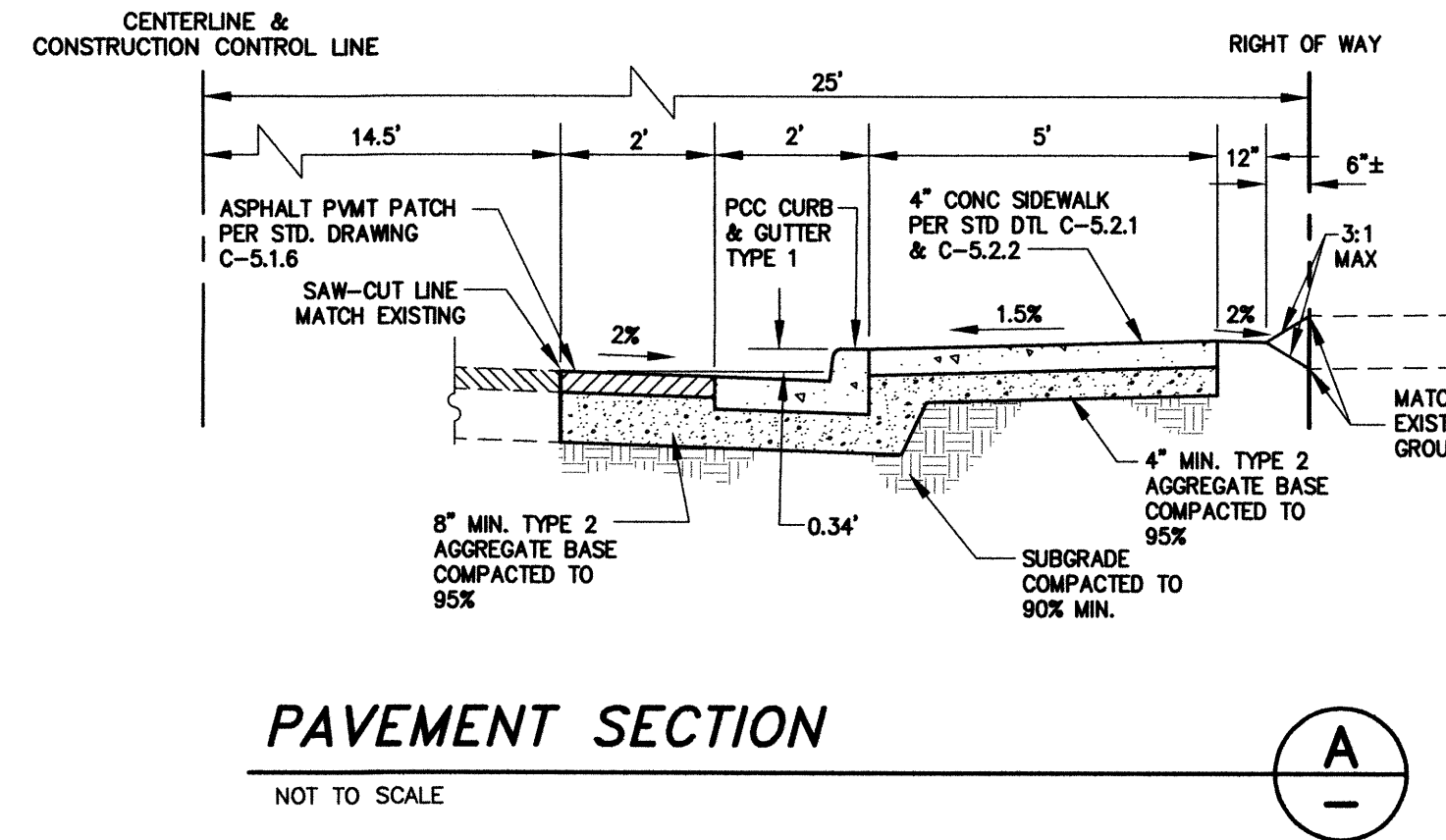
FOR BIDDING PURPOSE ONLY

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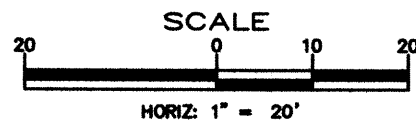
PLAN - EAST LONG STREET

SCALE: 1" = 20' HORIZ.



PAVEMENT SECTION

NOT TO SCALE



CONSTRUCTION NOTES

- ① LIMITS FOR SAW-CUT, REMOVAL AND REPLACEMENT OF EXISTING AC PAVEMENT SHALL BE PER PAVEMENT SECTION A, SHEET C3.
- ② LIMITS FOR SAW-CUT, REMOVAL AND REPLACEMENT OF EXISTING PCC CURB & GUTTER SHALL BE PER STD DRAWING C-5.1.3 AND SECTION A, SHEET C3. MATCH EXISTING LINE & GRADE.
- ③ CONSTRUCT PCC SIDEWALK PER STD. DRAWING C-5.2.2 AND SECTION A, SHEET C3.
- ⑤ CONSTRUCT PCC DRIVEWAY APRON TYPE 1, PER STD. DRAWING C-5.2.3. DRIVEWAY TRANSITION LENGTH PER PLAN
- ⑦ SAWCUT & REMOVE EXISTING PCC DRIVEWAY SLAB TO LIMITS SHOWN ON PLAN. REPLACEMENT CONCRETE SHALL BE 4 INCHES THICK, OVER 6 INCHES COMPACTED TYPE 2 AGGREGATE BASE. TOOLED JOINTS AND FINISH TO MATCH ADJACENT CONCRETE SURFACE.
- ⑧ PROTECT IN PLACE
- ⑩ 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 2, SHEET C5.

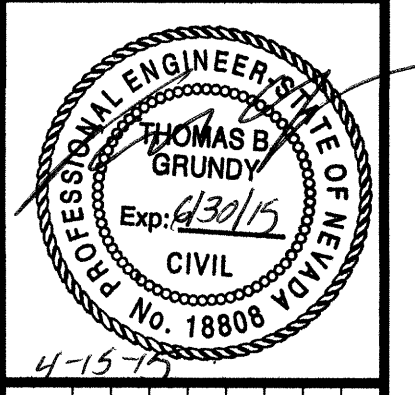


PROFILE - EAST LONG STREET

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

DESIGNED BY: TG/DLO
DRAWN BY: DLO
CHECKED BY: TG/DGR
DWG NO.: 01-1405-09-09
SCALE (HORIZ): 1"=20'
SCALE (VERT): 1"=2'
PLOT DATE: 4/14/15

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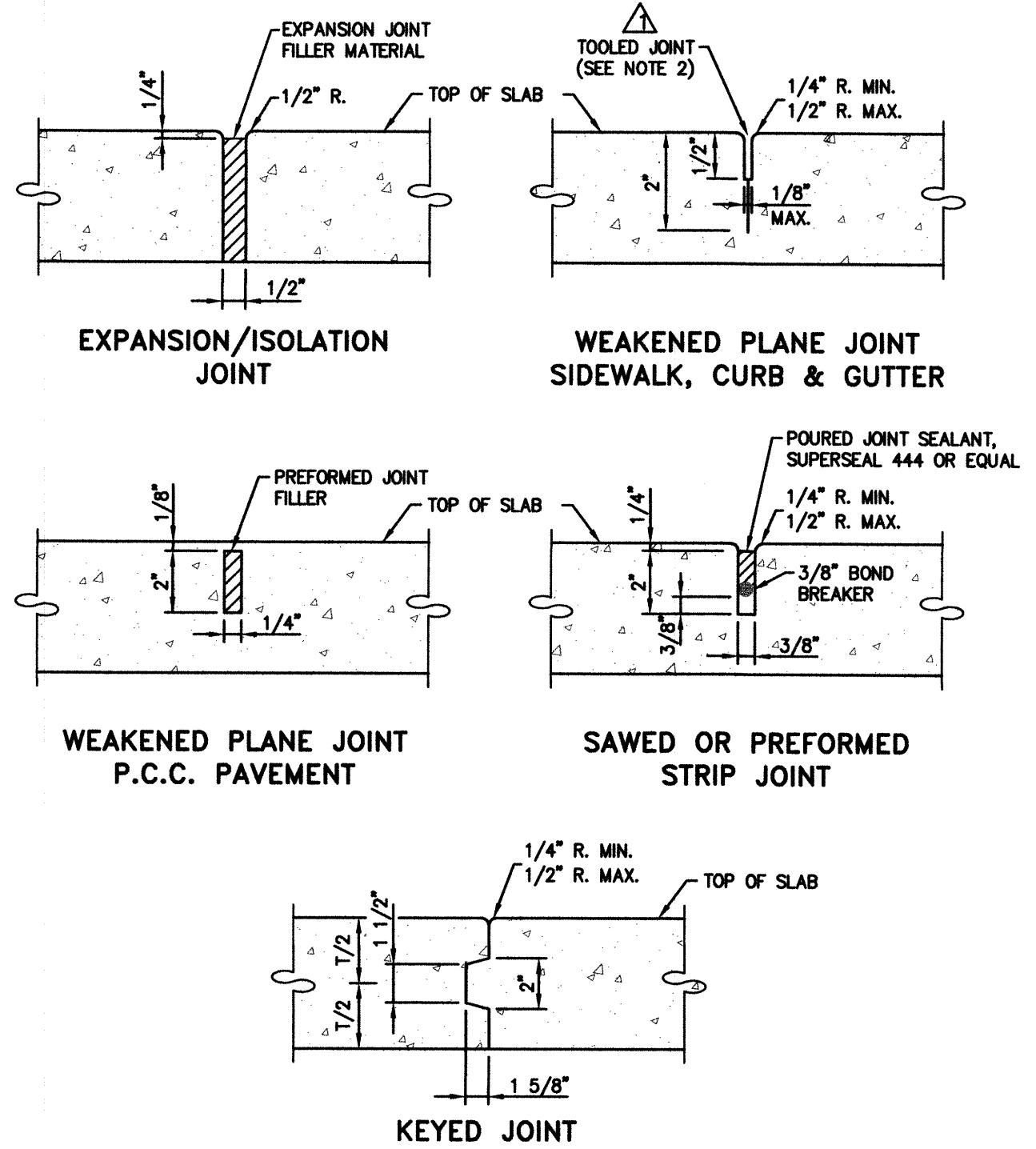
REV.	DATE	DESCRIPTION	BY	APP'D

**EAST LONG STREET
PEDESTRIAN IMPROVEMENT PROJECT
PROJECT No. 01-1405
EAST LONG STREET
PLAN & PROFILE
STA 20+00 to STA 22+00**

SHEET
03
9

FOR BIDDING PURPOSE ONLY

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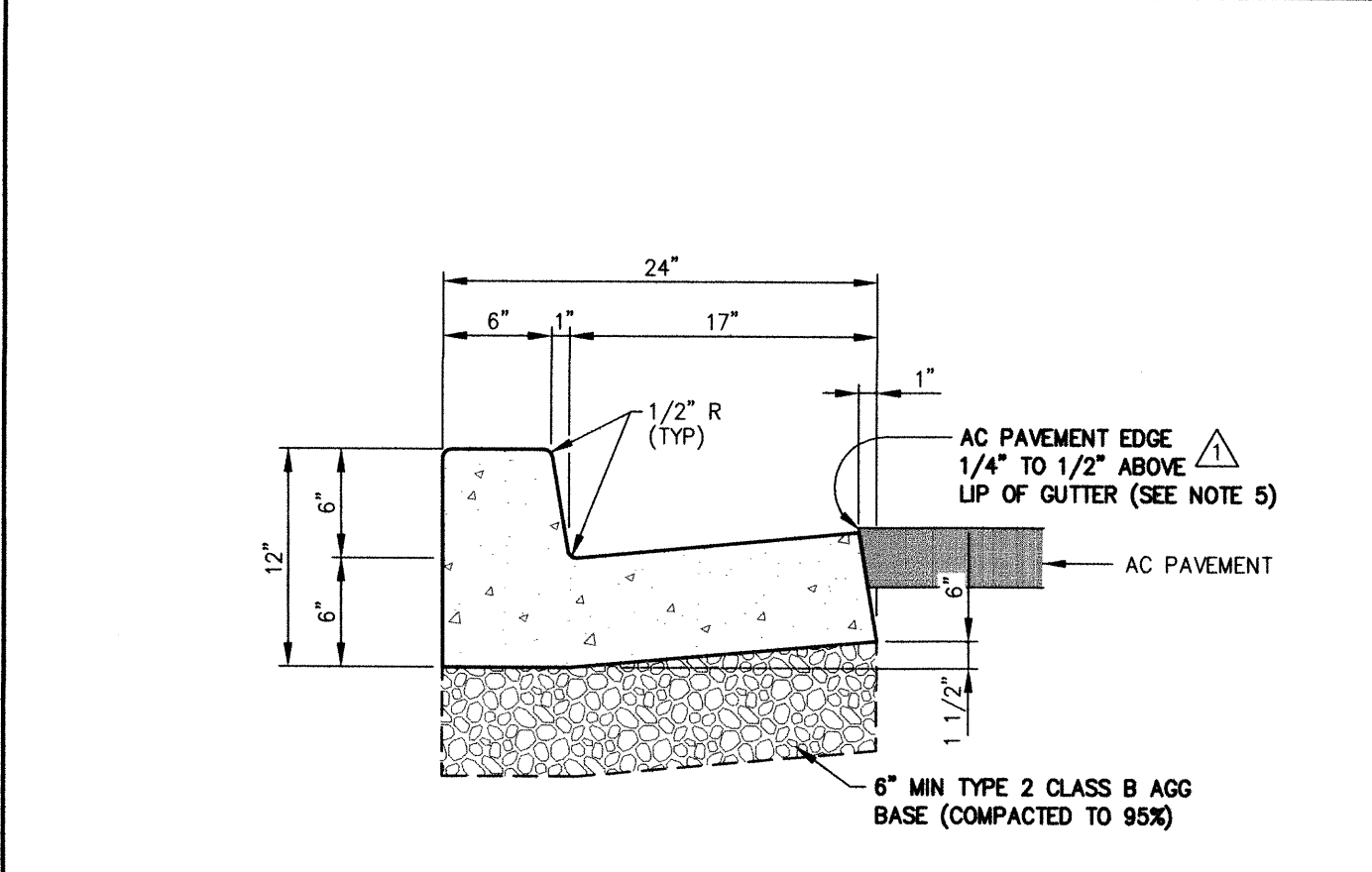
NOTES:

- 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 RELOADED 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	AC/LIP	06/12		CARSON CITY
2	NOTE 5	05/14		CARSON CITY

APPROVED BY: [Signature] 5/14

PCC JOINTING DETAILS



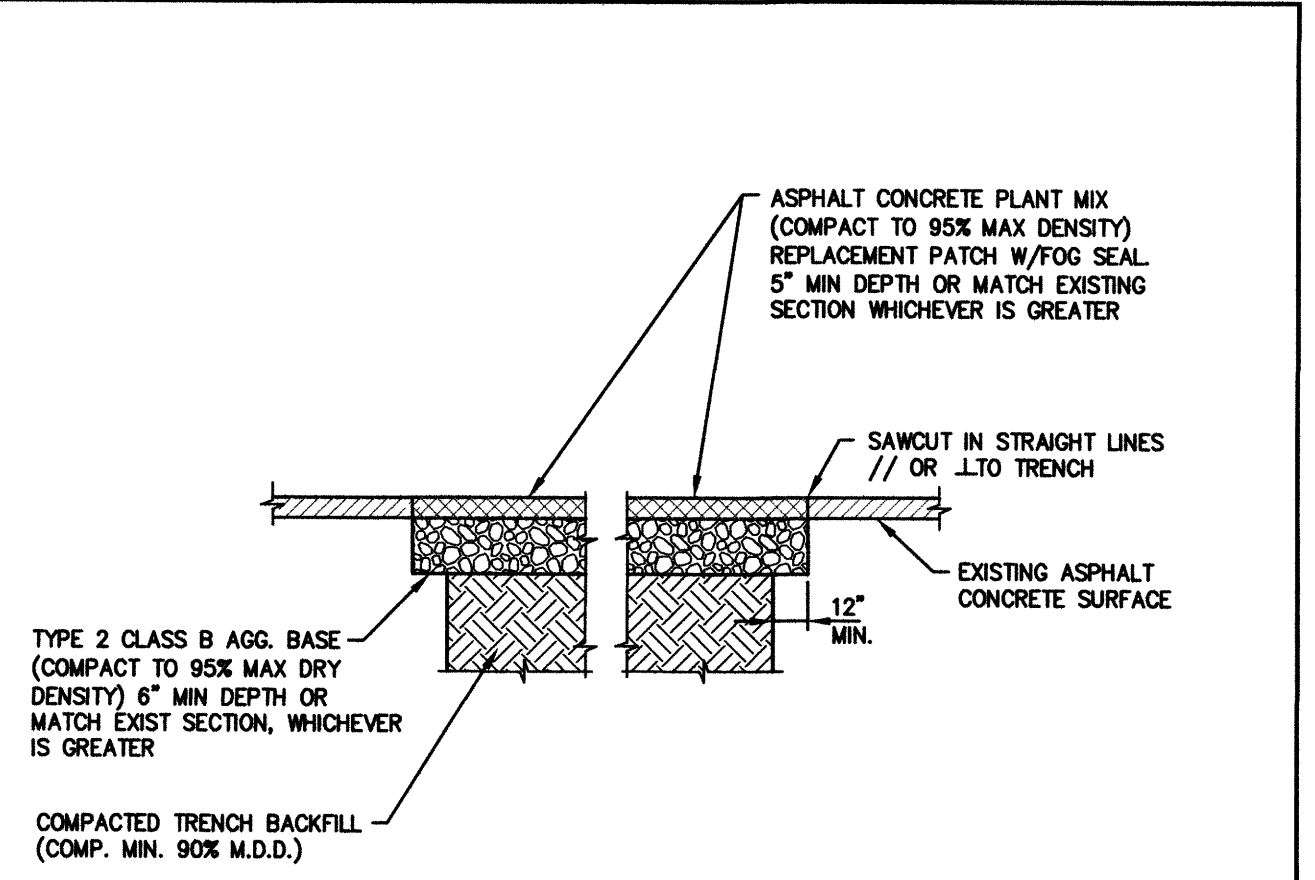
NOTES:

- 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 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: [Signature] 05/14

PCC CURB & GUTTER TYPE 1



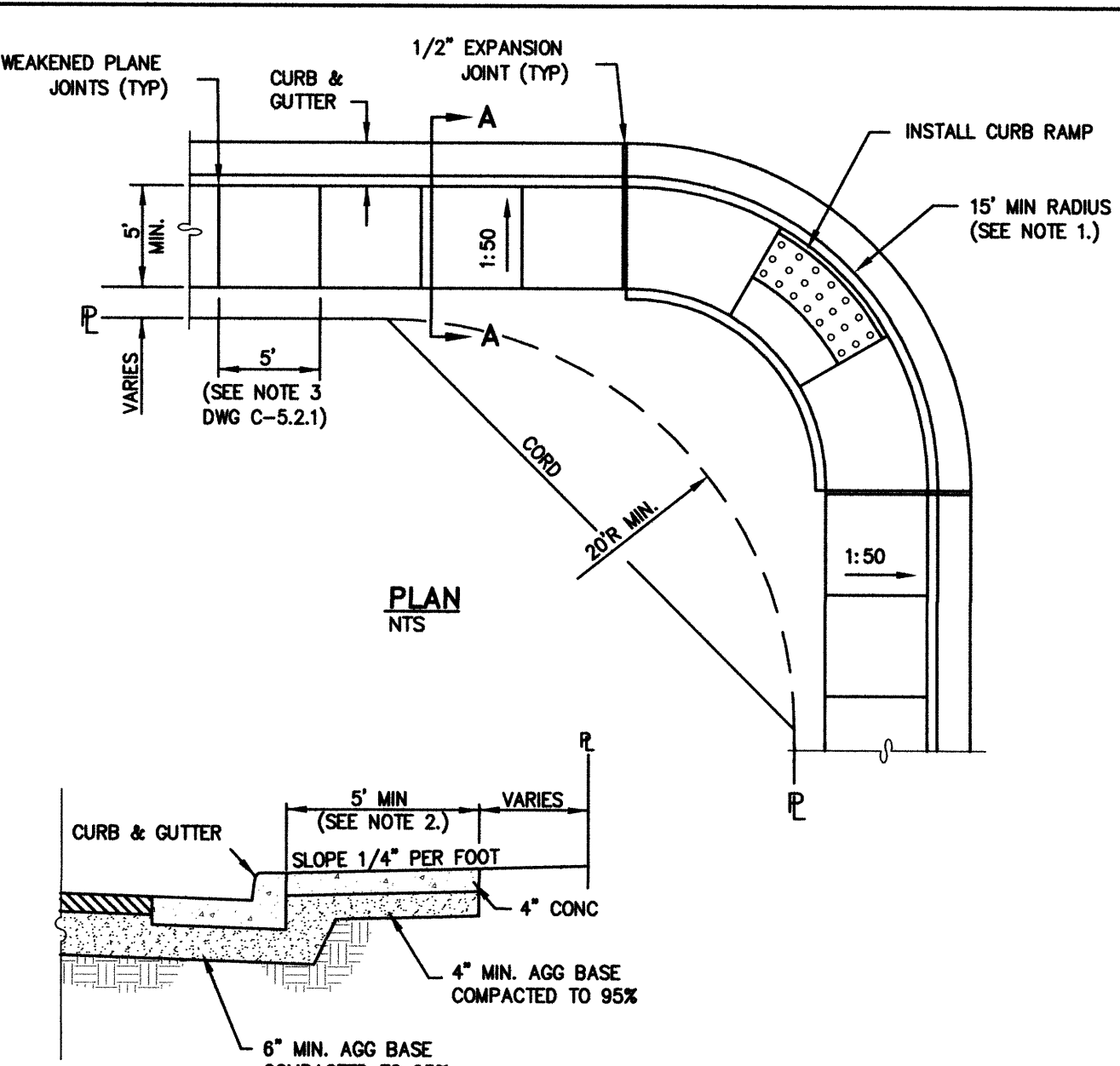
NOTES:

- 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.
- 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
1	5" AC DEPTH	09/11		CARSON CITY

APPROVED BY: [Signature] 09/11

PAVEMENT PATCH



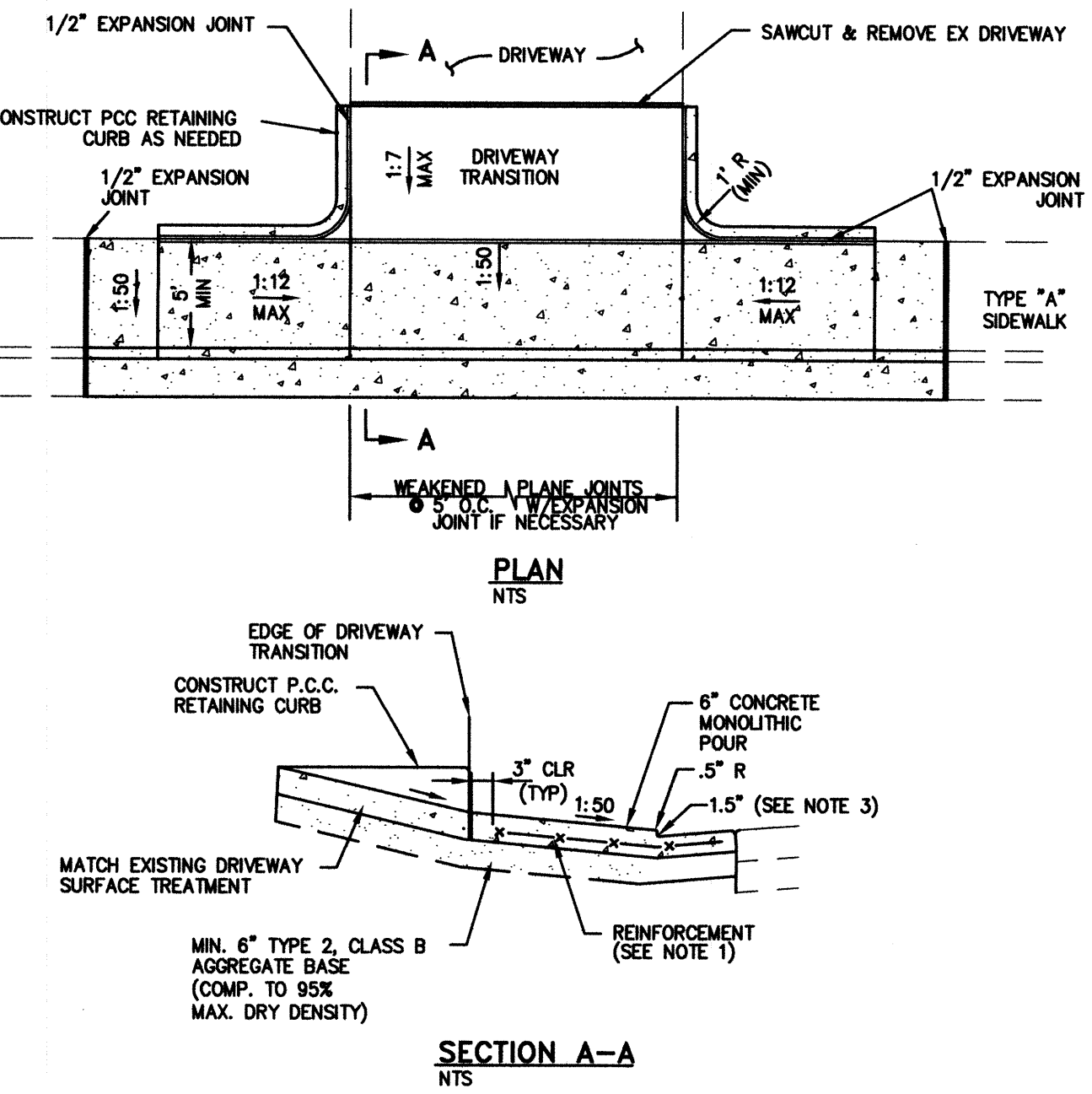
NOTES:

- 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	5" AC DEPTH	09/11		CARSON CITY

APPROVED BY: [Signature] 7/09

TYPE "A" SIDEWALK



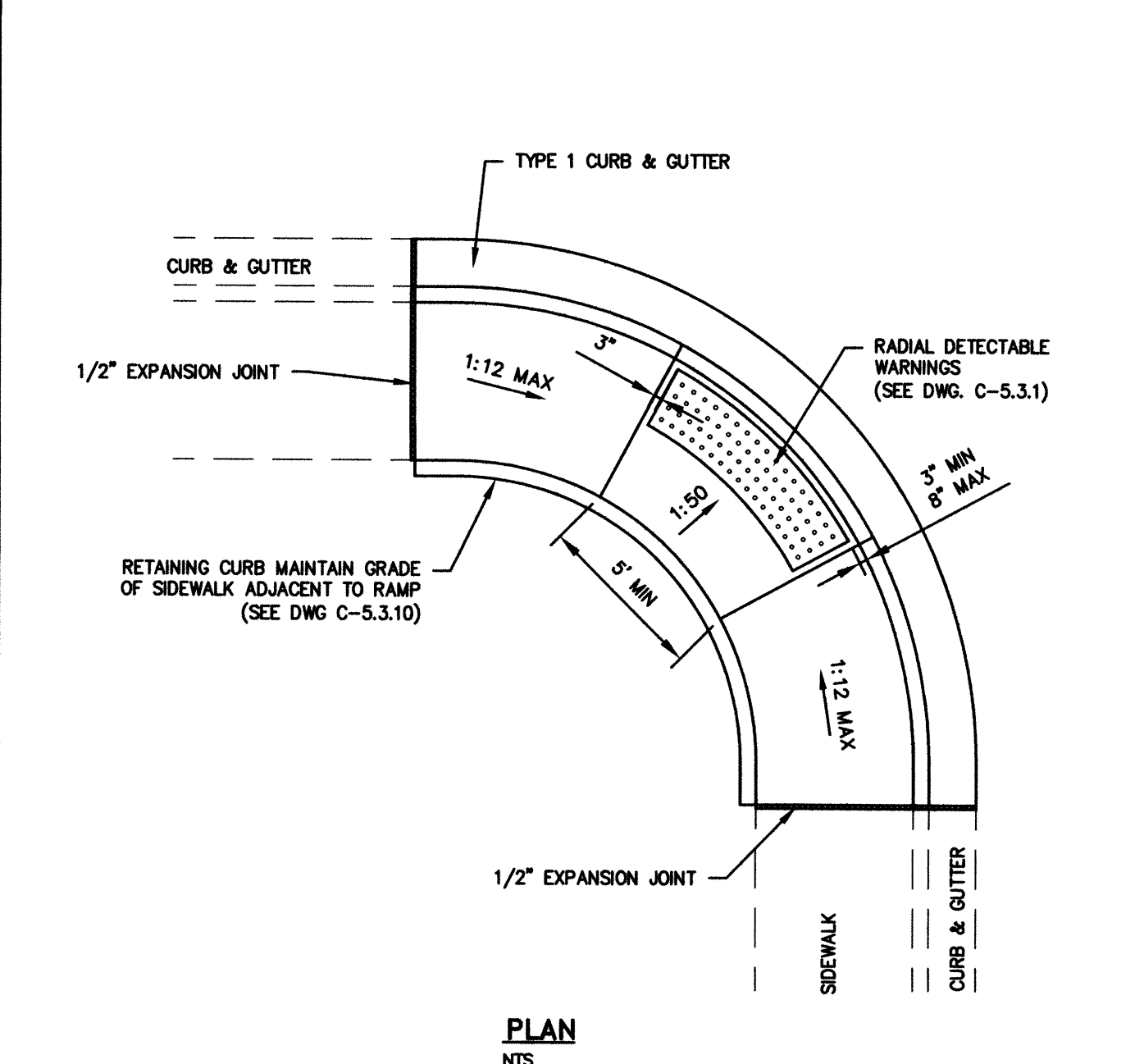
NOTES:

- 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. LINE.
- 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

APPROVED BY: [Signature] 05/14

P.C.C. DRIVEWAY APRON TYPE 1



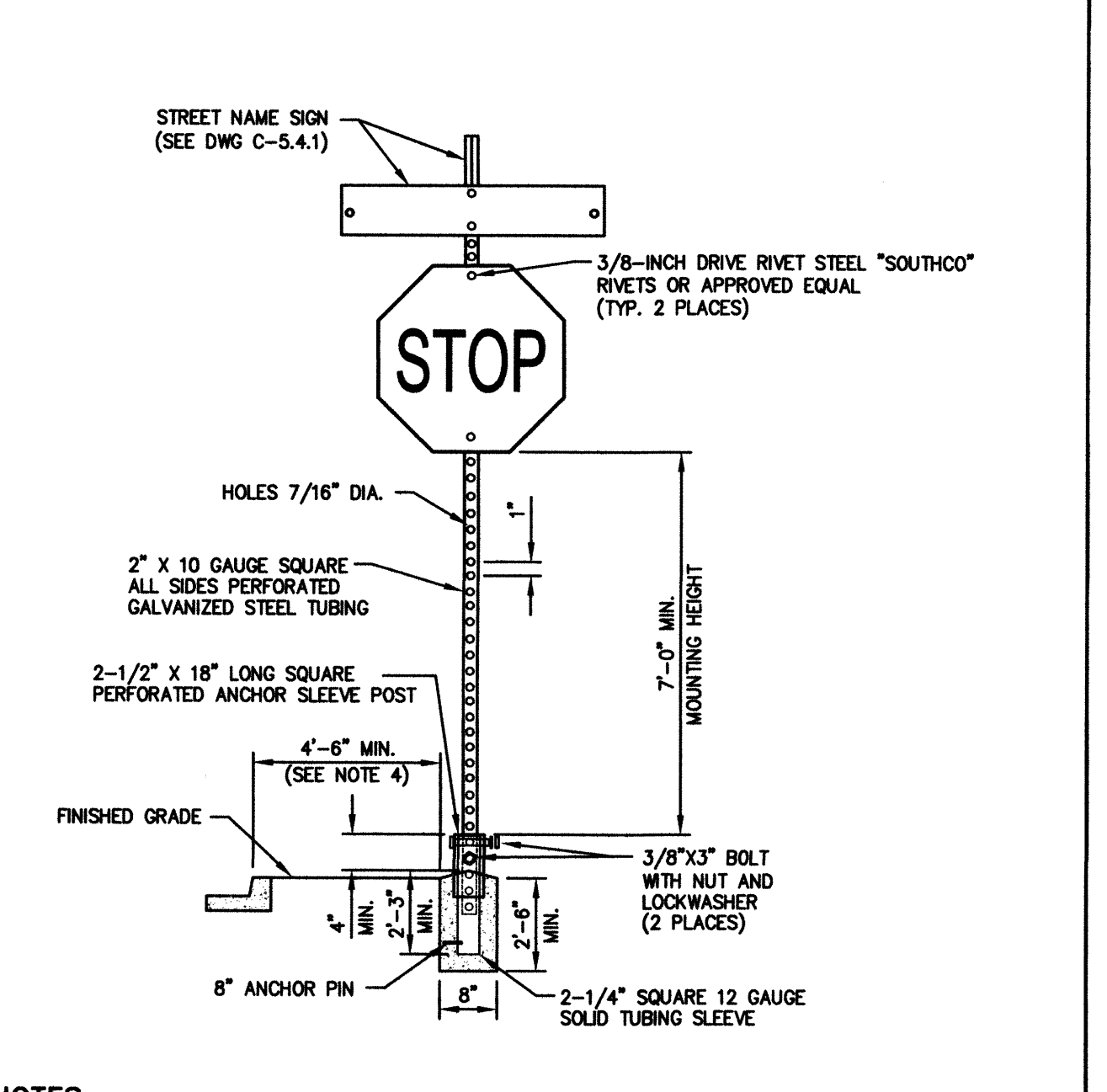
NOTES:

- 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
1	AC/LIP	06/12		CARSON CITY
2	NOTE 5	05/14		CARSON CITY

APPROVED BY: [Signature] 7/09

PARALLEL CURB RAMP APEX



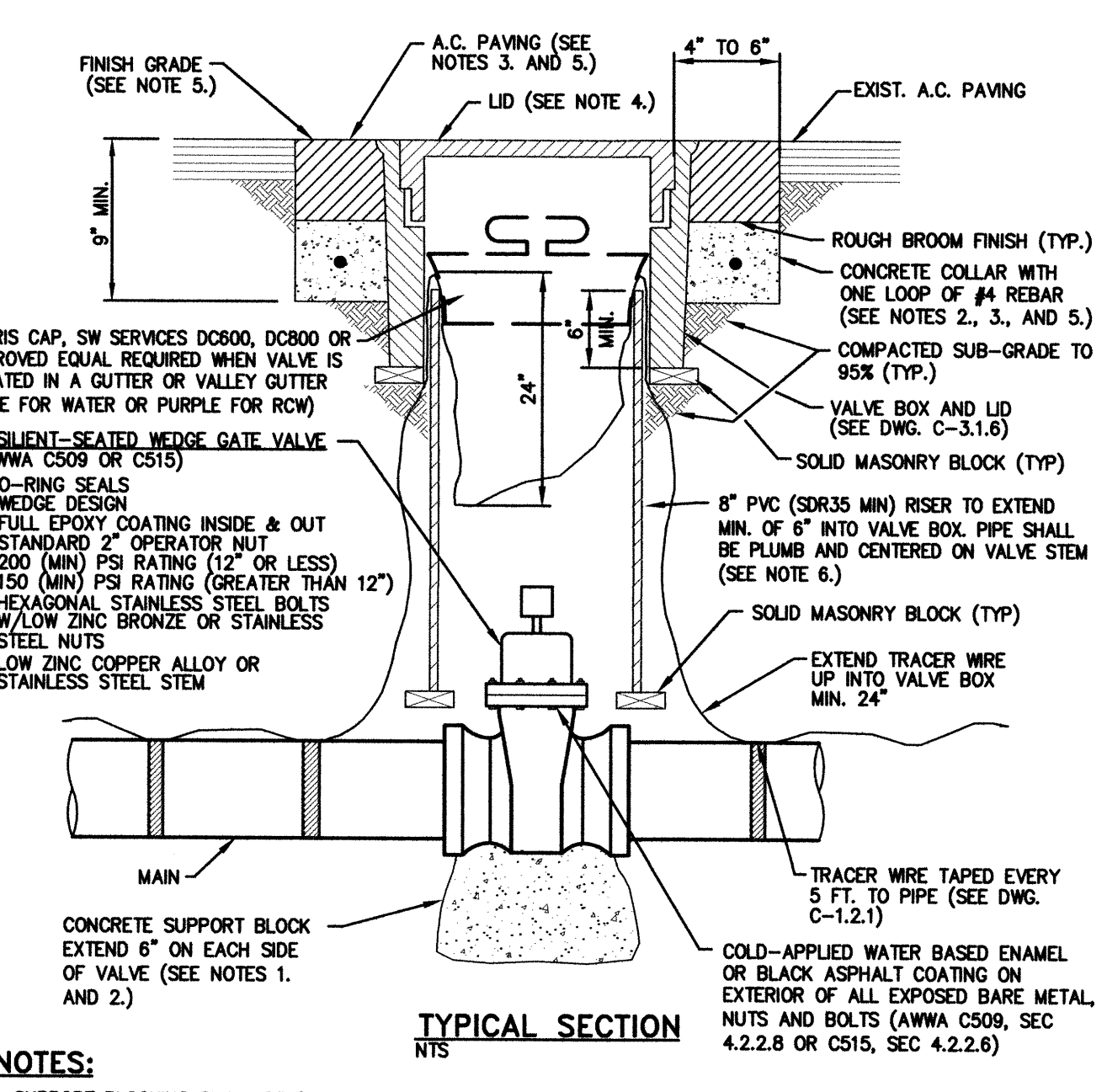
NOTES:

- 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 PAVED 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
1	AC/LIP	06/12		CARSON CITY
2	NOTE 5	05/14		CARSON CITY

APPROVED BY: [Signature] 7/09

TRAFFIC SIGN INSTALLATION



NOTES:

- SUPPORT BLOCKING SHALL BE POURED AGAINST UNDISTURBED SOIL AND NOT PREVENT ACCESS TO BOLT ASSEMBLY OR VALVE JOINTS.
- CONCRETE SHALL CONFORM TO THE SSPWC SECTION 337.10. REBAR SHALL ONLY BE USED WHEN THE VALVE BOX IS LOCATED OUTSIDE PAVED AREAS.
- THE CONCRETE COLLAR SHALL BE LEFT 2 1/2 INCHES - 3 INCHES BELOW FINISHED ASPHALT SURFACE. APPLY AN APPROVED TACK COAT (CONFORMING TO THE SSPWC SECTION 316) AND FILL VOID BETWEEN ADJACENT PAVEMENT AND FRAME WITH TYPE 3 PG 64-22 PAVING (CONFORMING TO THE SSPWC SECTION 320). APPLY FOG SEAL (CONFORMING TO THE SSPWC SECTION 317) TO THE ASPHALT SURFACE. ALL CUTS IN PAVING SHALL BE STRAIGHT AND EVEN. EXCEPTION: WHEN STRUCTURE NOT LOCATED IN ASPHALT PAVEMENT OR IN AN UNPAVED AREA, EXTEND CONCRETE TO FINISH GRADE.
- LEDS SHALL BE SET FLUSH WITH FINISH GRADE UNLESS OTHERWISE NOTED.
- WHEN LOCATED IN NOT RIGHT-OF-WAY, CONCRETE COLLAR SHALL CONFORM TO NOTD STANDARD PLAN SH1 R-4.3.3 AND STANDARD SPECIFICATION 609.
- RISER COLOR SHALL BE BLUE, OR SAME COLOR AS MAIN FOR WATER APPLICATIONS, PURPLE FOR RECLAIMED WATER APPLICATIONS, AND GREEN FOR SANITARY SEWER APPLICATIONS.
- VALVES ON FIRE LINES SHALL BE UL/FM APPROVED AND MEET ALL APPLICABLE NFPA REQUIREMENTS.

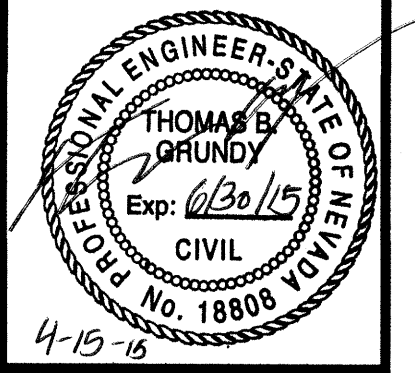
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	AC/LIP	06/12		CARSON CITY
2	NOTE 5	05/14		CARSON CITY

APPROVED BY: [Signature] 07/09

GATE VALVE

DESIGNED BY: TS/DLO
 DRAWN BY: DLO
 CHECKED BY: TS/DGR
 DWG NO.: 01-1405-ens.dwg
 SCALE (HORIZ): N/A
 SCALE (VERT): N/A
 PLOT DATE: 4/14/15

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

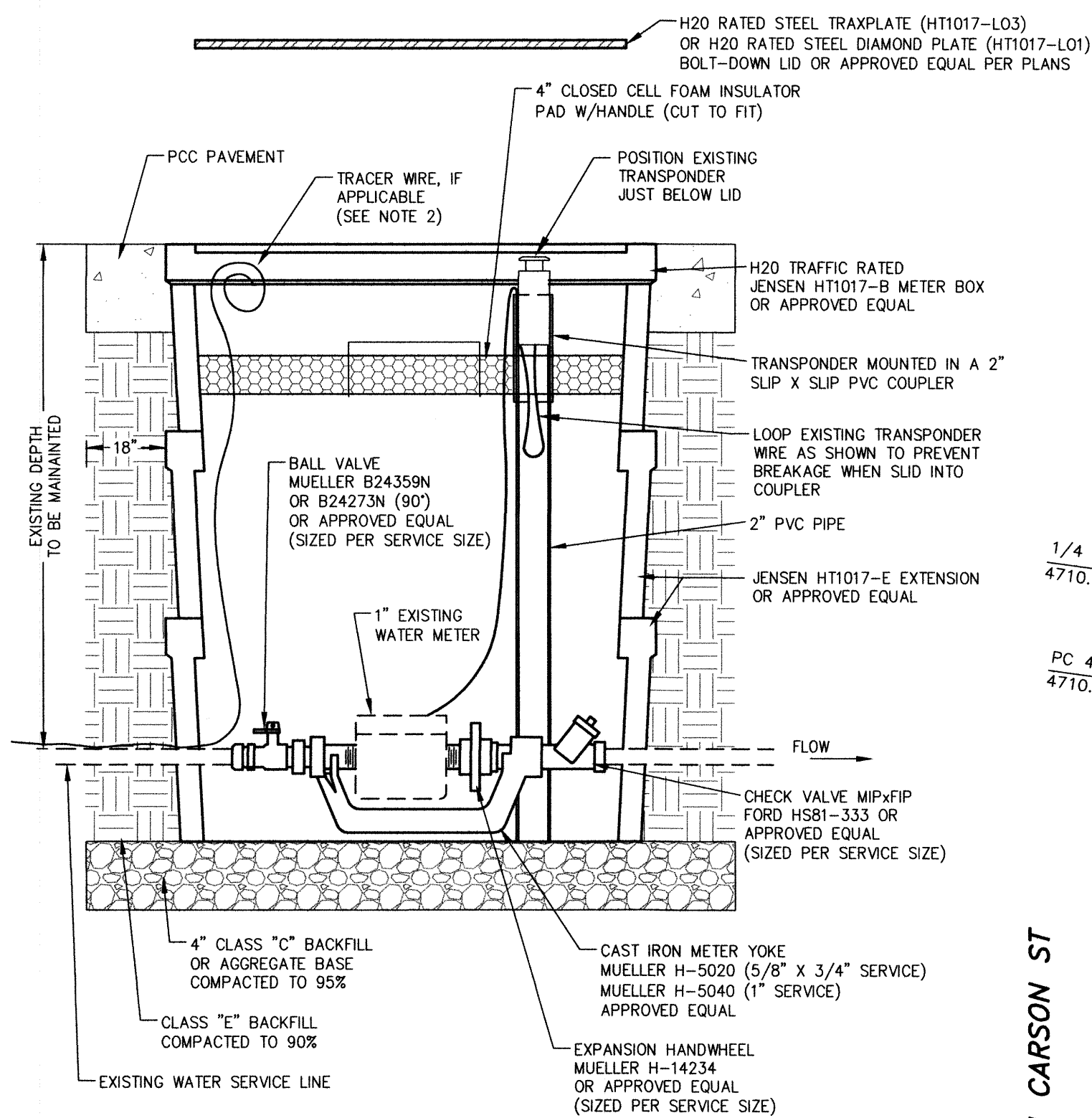


NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	AC/LIP	06/12		CARSON CITY
2	NOTE 5	05/14		CARSON CITY

APPROVED BY: [Signature] 7/09

EAST LONG STREET PEDESTRIAN IMPROVEMENT PROJECT PROJECT No. 01-1405 CONSTRUCTION DETAILS

FOR BIDDING PURPOSE ONLY



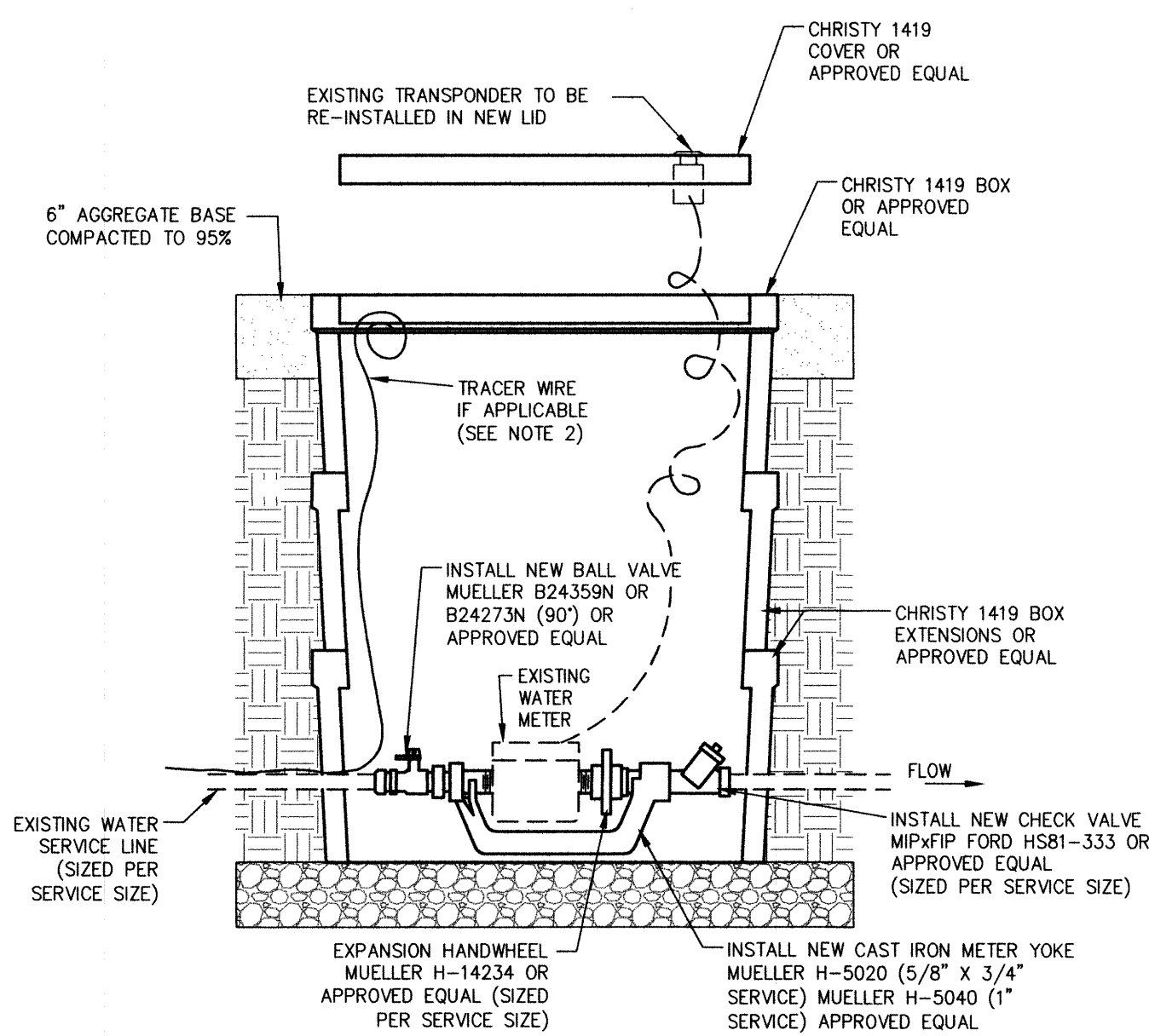
NOTES:

1. ALL FITTINGS SHALL COMPLY WITH ANSI/NSF 372 REGARDING LOW LEAD CONTENT.
2. EXTEND TRACER WIRE AT LEAST 48" INTO METER BOX.
3. EXISTING METER TO BE IMMEDIATELY RE-INSTALLED AT ORIGINAL ADDRESS.

EXISTING COMMERCIAL WATER METER MODIFICATION DETAIL

NOT TO SCALE

1
-



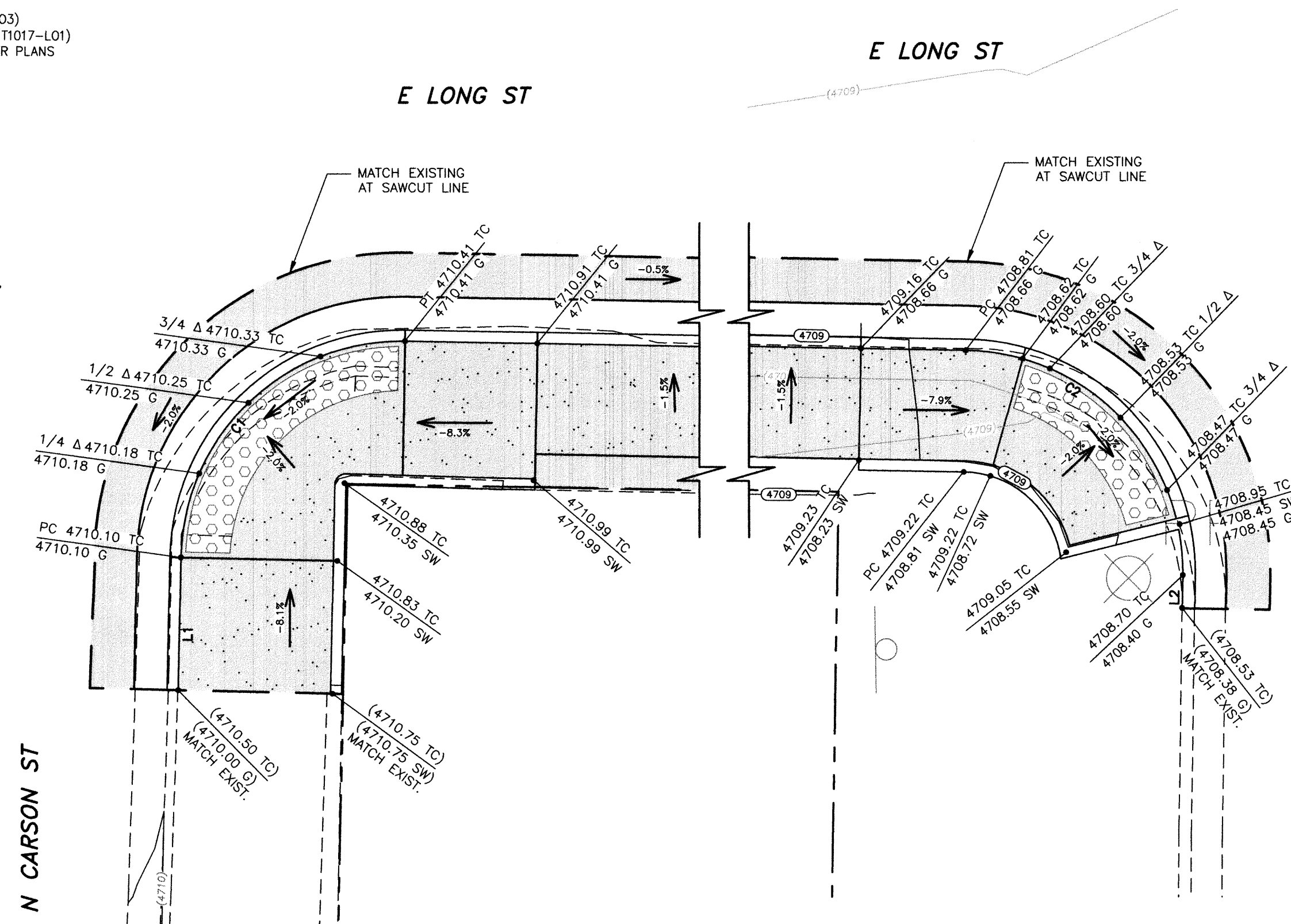
NOTES:

1. ALL FITTINGS SHALL COMPLY WITH ANSI/NSF 372 REGARDING LOW LEAD CONTENT.
2. EXTEND TRACER WIRE AT LEAST 48" INTO METER BOX.
3. EXISTING METER TO BE IMMEDIATELY RE-INSTALLED AT ORIGINAL ADDRESS.

EXISTING RESIDENTIAL WATER METER MODIFICATION DETAIL

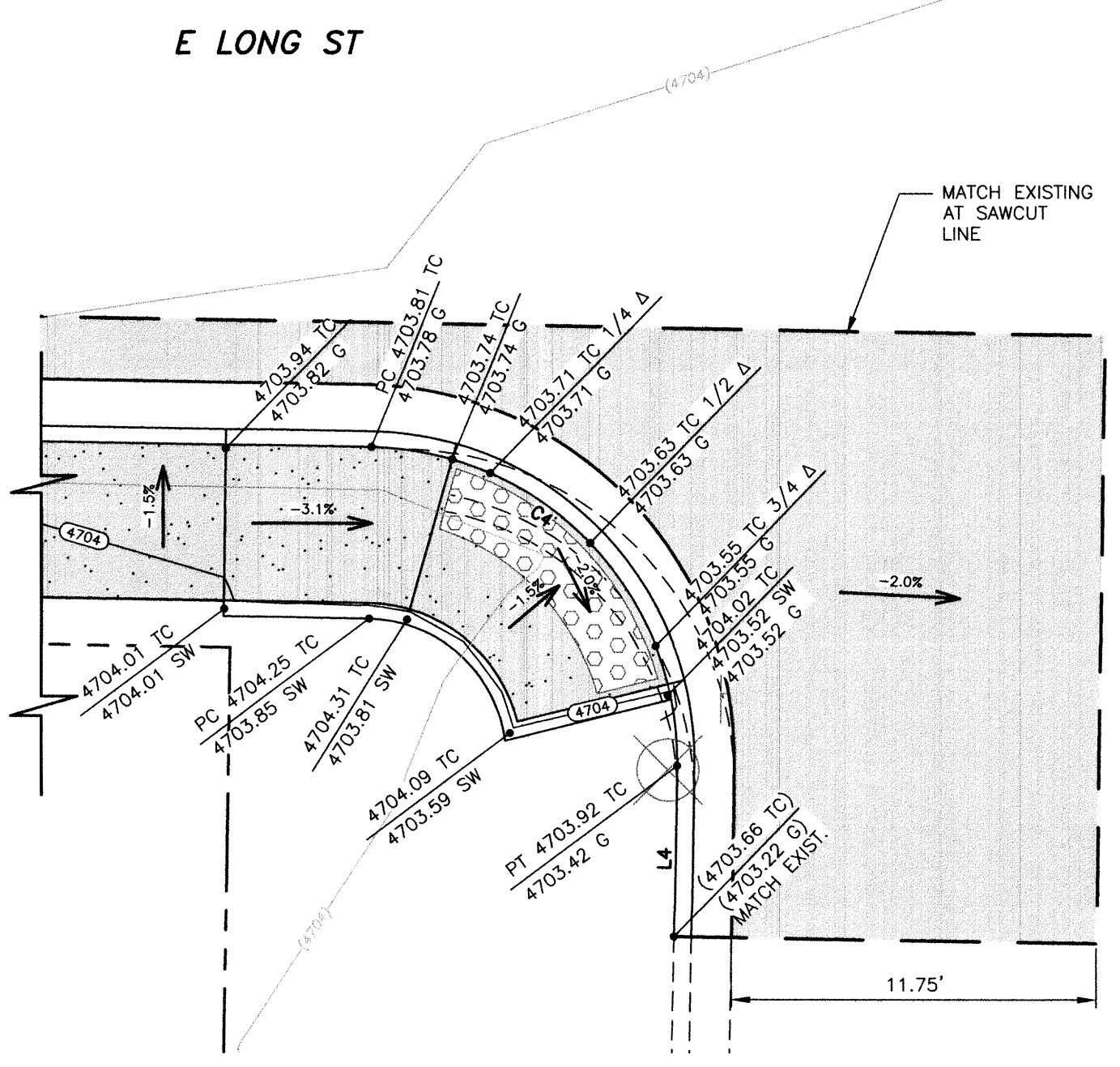
NOT TO SCALE

2
-

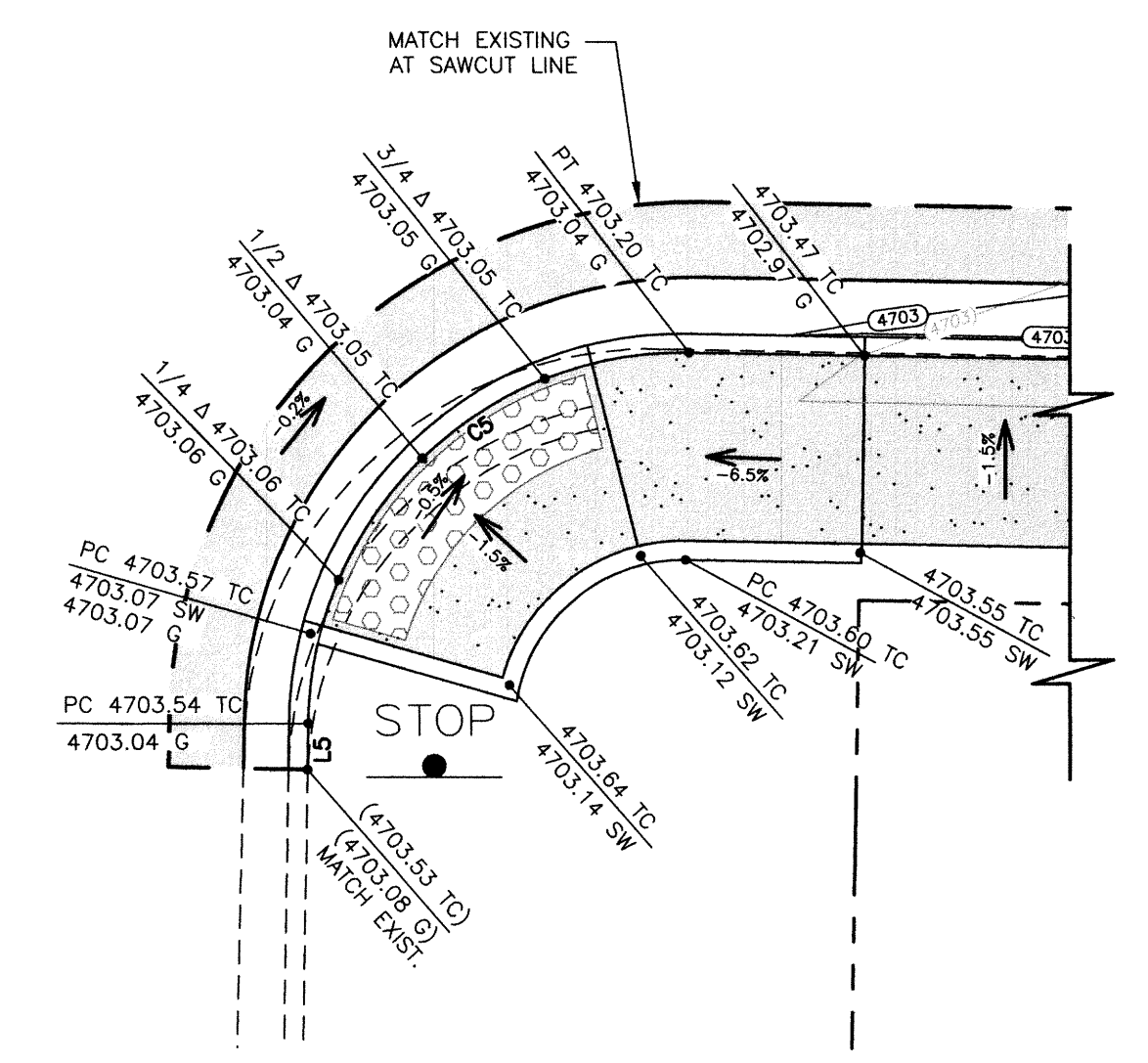


**SOUTHEAST CORNER
N CARSON ST & E LONG ST**

**SOUTH SIDE
E LONG ST AT N FALL ST**



**SOUTH SIDE
E LONG ST AT N PETERS ST**



RAMP GRADING DETAILS

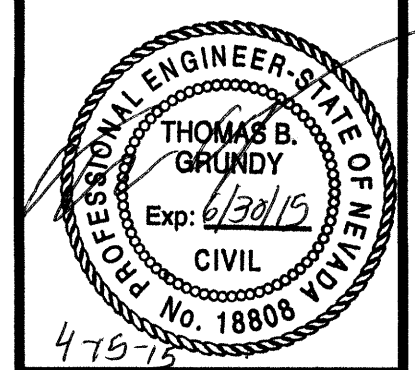
SCALE: 1" = 5'

3
-

LINE AND CURVE TABLE				
Line & Curve #	Length	Bearing/Delta	Radius	Tangent
C1	15.66'	89°43'27"	10.00'	9.95'
C2	15.71'	89°59'45"	10.00'	10.00'
C3	15.73'	90°06'41"	10.00'	10.02'
C4	15.74'	90°09'43"	10.00'	10.03'
C5	15.73'	90°08'01"	10.00'	10.02'
L1	6.00'	S1° 12' 41"W		
L2	1.50'	S0° 55' 53"W		
L3	0.91'	S0° 48' 27"W		
L4	5.47'	S1° 05' 51"W		
L5	1.23'	S0° 48' 07"W		

DESIGNED BY: TG/DLO
 DRAWN BY: DLO
 CHECKED BY: TG/DGR
 DWG NO.: 01-1405-000-000
 SCALE (HORIZ): N/A
 SCALE (VERT): N/A
 PLOT DATE: 4/14/15

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



REV.	DATE	DESCRIPTION	BY	APP'D

**EAST LONG STREET
PEDESTRIAN IMPROVEMENT PROJECT
PROJECT NO. 01-1405**

CONSTRUCTION DETAILS

SHEET
 05
 OF
 9

FOR BIDDING PURPOSE ONLY