

CENTER DRIVE REHABILITATION PROJECT

CARSON CITY, NEVADA
PROJECT NO. P303521006

BOARD OF SUPERVISORS

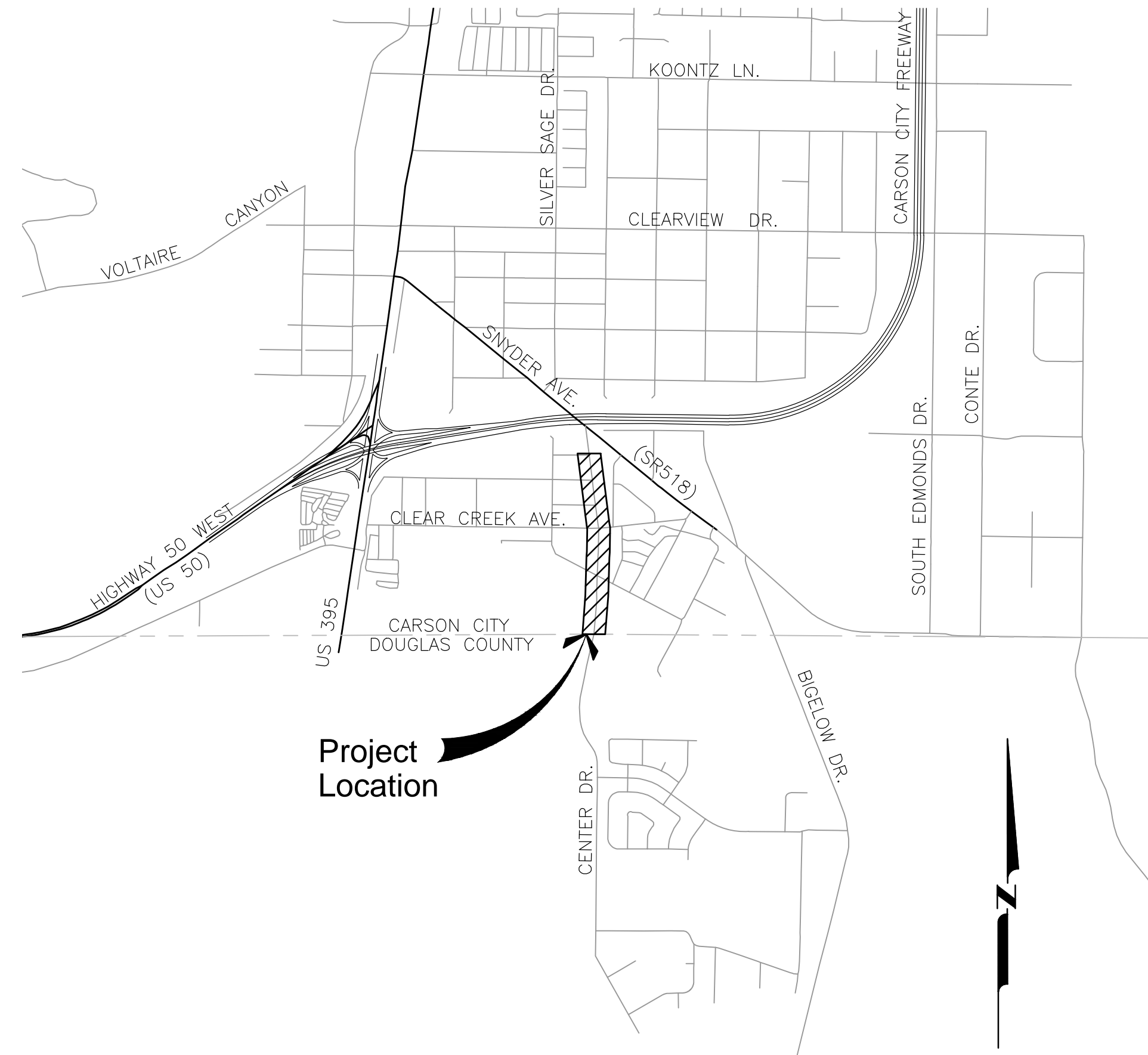
Lori Bagwell	Mayor
Stacey Giomi	Supervisor
Maurice White	Supervisor
Stan Jones	Supervisor
Lisa Schuette	Supervisor
Aubrey Rowlett	City Clerk

DESIGNED FOR:

CARSON CITY PUBLIC WORKS DEPARTMENT
OPERATIONS DIVISION
3505 BUTTI WAY
CARSON CITY, NV 89701
887-2355

DESIGN ENGINEER:

NCE
1885 S. ARLINGTON AVE.
SUITE 111
RENO, NV 89509
(775) 329-4955



VICINITY MAP

N.T.S.

SHEET INDEX

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DESIGNED BY: DJT/MH
DRAWN BY: KJH
CHECKED BY: FH 12/14/21
DWG NO.: 9.dwg
SCALE (HORIZ): NTS
SCALE (VERT): NTS
PLOT DATE: 3/28/22

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



REV.	DATE	DESCRIPTION	BY	APP'D

**CENTER DRIVE
REHABILITATION PROJECT
PROJECT No. P303521006**

TITLE SHEET



SHEET
G1
OF
14

CONFORMED FOR CONSTRUCTION

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GENERAL NOTES

- 1. 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.
2. 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 12 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. THE APPROVED PLAN, PERMIT AND INSPECTION RECORD MUST BE ON THE JOB SITE AT ALL TIMES.
8. 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)
9. 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 2013).
10. THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR LOCATING EXISTING UTILITIES. 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. POTHOLES IS REQUIRED. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES BETWEEN THE CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THE CONSTRUCTION DRAWINGS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
11. 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.
12. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THE CONSTRUCTION PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.

SURVEY NOTES

BASIS OF BEARING AND COORDINATES: NORTH AMERICAN DATUM OF 1983/1994 (NAD 83/94), NEVADA STATE PLANE WEST ZONE. AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON JUNE 16, 2021, USING TRIMBLE R8 RECEIVER WITH CORRECTIONS RECEIVED FROM TRIMBLE R8 BASE STATION OCCUPYING CARSON CITY PUBLIC WORKS CONTROL POINT "CC067". ALL DIMENSIONS AND COORDINATES SHOWN ARE U.S. SURVEY FOOT GROUND DISTANCES MODIFIED BY A BY A COMBINATION FACTOR OF 1.0002.

"CC067" STATE PLANE GROUND COORDINATES, NV WEST ZONE N - 14718806.68 E - 2290895.10

BASIS OF ELEVATION: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON JUNE 16, 2021, USING TRIMBLE R8 RECEIVER WITH CORRECTION FROM A TRIMBLE R8 BASE STATION OCCUPYING CARSON CITY PUBLIC WORKS CONTROL POINT "CC067". ELEVATIONS WERE REDUCED USING THE GEOID 99 MODEL PROVIDED BY THE NATIONAL GEODETIC SURVEY.

"CC067" ELEV. - 4723.66 (NAVD 88)

LEGEND

Table with 3 columns: EXISTING, PROPOSED, and Description. Includes symbols for bench mark, property line, easement line, water valve, water meter, fire hydrant, water line, air release valve, air release valve tubing, private water line, sanitary sewer manhole, direction of drainage flow, edge of agg base shoulder, drainage swale, telephone manhole, sign, contour lines, trees, shrub, PCC curb & gutter type 1, AC pavement, AC fiber reinforced, PCC pavement, fence line, sawcut, sanitary sewer pipe, private sanitary sewer pipe, storm drain pipe, sanitary sewer cleanout, sewer service, catch basin type 4R, storm drain manhole, and sediment trap.

ABBREVIATIONS

Table of abbreviations and their full names. Includes: AGGREGATE BASE, ASPHALT CONCRETE, AT, AGGREGATE, APPROXIMATE, ASSEMBLY, AVERAGE, BEGIN CURVE, BEST MANAGEMENT PRACTICES, BACK OF WALK, BOTTOM OF WALL, BEGIN VERTICAL CURVE, CURB AND GUTTER, CATCH BASIN, CUBIC FEET, CENTERLINE, CLEAR, CLEAN OUT, COMMUNICATION, CONCRETE, CONSTRUCT, CONTROL POINT, CUBIC YARD, DEGREE(S), DROP INLET, DIAMETER, DRAWING, DRIVEWAY, EAST, EACH, EASEMENT, END OF CURVE, EXISTING GRADE, ELECTRIC, EDGE OF PAVEMENT, ELEVATION, END OF VERTICAL CURVE, EXISTING, FIRE HYDRANT, FINISH GRADE, FRONT FACE CURB, FLANGED END SECTION, FLOWLINE, FLANGED, FOOT, FEET, GAS, GATE VALVE, GRADE BREAK, HIGH POINT, HORIZONTAL, HOT MIXED ASPHALT CONCRETE, INVERT ELEVATION, INSIDE DIAMETER, INCH, INTERSECTION, IRRIGATION, LEFT, LENGTH, LINEAR FEET, LIP OF GUTTER, LOW POINT, MANUFACTURER, MANHOLE, MAXIMUM, MAXIMUM DRY DENSITY, MECHANICAL JOINT, MILE, MINIMUM, MISCELLANEOUS, MIDDLE OF VERTICAL CURVE, NORTH, NOT IN CONTRACT, NOT TO SCALE, NUMBER, ON CENTER, ORIGINAL GRADE, OVERHEAD POWER, PLUS OR MINUS, PORTLAND CEMENT CONCRETE OR POINT OF COMPOUND CURVE, PERMANENT EASEMENT, PROPERTY LINE, POINT OF REVERSE CURVE, POUNDS PER SQUARE INCH, POINT, PERMISSION TO CONSTRUCT, PUBLIC UTILITY EASEMENT, POLYVINYL CHLORIDE, POINT OF VERTICAL INTERSECTION, PAVEMENT, RADIUS, REVEGETATION, RIGHT, RIGHT-OF-WAY, SLOPE, SOUTH, SCHEDULE, STORM DRAIN, STORM DRAIN DROP INLET, STORM DRAIN MANHOLE, SQUARE FOOT/FEET, SHEET, SANITARY SEWER MANHOLE, SANITARY SEWER CLEAN OUT, SANITARY SEWER, STAINLESS STEEL, STATION, STANDARD, SQUARE YARD, TOP BACK OF CURB, TOP OF CURB, TEMPORARY CONSTRUCTION EASEMENT, TOP OF WALL, TYPICAL, UNDERGROUND ELECTRIC, UNDERGROUND TELEPHONE, UNDERGROUND, VERTICAL CURVE, VALLEY GUTTER, WATER, WATER LINE, WEST, WITH, WATER METER.

CONSTRUCTION NOTES

- 1 FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 1 SHEET D3
2 PROTECT-IN-PLACE
3 ADJUST EXISTING MANHOLE FRAME & COVER TO NEW FINISH GRADE, PER STD DWG C-2.1.5
4 FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 2 SHEET D3
5 CONSTRUCT PARALLEL CURB RAMP APEX, PER STD DWG C-5.3.5
6 CONSTRUCT PCC LAID-DOWN CURB & GUTTER, PER STD DWG C-5.1.3
7 CONSTRUCT PCC TYPE A SIDEWALK, PER STD DWG C-5.2.2
8 INSTALL STORMDRAIN HEADWALL, PER DETAIL 2 SHEET D4
9 CONSTRUCT ROCK LINED SWALE, PER DETAIL 5 SHEET D4
10 INSTALL SDR35 PVC SEWER PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN)
11 ADJUST EXISTING WATER CROSSING NEW UTILITY, PER STD DWG C-3.1.8
12 REMOVE AND RESET TRAFFIC SIGN, PER STD DWG C-5.4.2
13 INSTALL 4" SDR35 PVC SEWER LATERAL, PER STD DWG C-2.2.1
14 INSTALL 4" SEWER CLEANOUT, PER STD DWG C-2.2.3
15 CONSTRUCT PCC DRIVEWAY APRON, PER STD DWG C-5.2.3 (WIDTH PER PLAN)
16 REMOVE AND RESET MAILBOX, PER DETAIL 4 SHEET D3
17 ADJUST EXISTING WATER VALVE BOX & COVER TO NEW FINISH GRADE, PER STD DWG C-3.1.8
18 ADJUST EXISTING WATER METER BOX & COVER TO NEW FINISH GRADE
19 REMOVE EXISTING TREE
20 REMOVE EXISTING SANITARY SEWER MANHOLE
21 INSTALL SEWER/STORMDRAIN MANHOLE TYPE 1, PER STD DWG C-2.1.3 (SIZE PER PLAN)
22 INSTALL SEDIMENT TRAP, PER DETAIL 1 SHEET D4
23 INSTALL HDPE STORMDRAIN PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN)
24 CONSTRUCT PCC DRIVEWAY TRANSITION, PER DETAIL 3 SHEET D4
25 PLACE PAVEMENT PATCH, PER STD DWG C-5.1.6
26 REMOVE EXISTING STORMDRAIN MANHOLE, REMOVE EXISTING 15" RCP STORM DRAIN
27 MILL AND REPLACE 3" EXIST. AC
28 REMOVE, SALVAGE & RELOCATE EXISTING WOOD FENCING
29 CONSTRUCT PCC MODIFIED TYPE 1 CURB & GUTTER, PER DETAIL 4 SHEET D4
30 FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 3 SHEET D3
31 PROTECT TREE & PERFORM ROOT MITIGATION AS DIRECTED BY ARBORIST
32 REMOVE AND RESET TRAFFIC SIGN, PER STD DWG C-5.4.2; ADD R3-17 SIGN TO THE TOP OF THE POST AND MOVE EXISTING SIGN DOWN
33 PLACE AIR RELEASE VALVE, PER STD DWG C-3.1.10
34 EXIST. PRIVATE 6" WATER, COORDINATE WITH OWNER TO VERTICALLY OFFSET UNDER 30"SD, AND LOCATE AIR RELEASE VALVE.
35 INTERSECTION STRIPING PER STD DWG C-5.4.3
36 BIKE LANE MARKING PER DETAIL 6 SHEET D4
37 PROTECT & SUPPORT UTILITY POLE IN PLACE

DESIGNED BY: DJT/MH
DRAWN BY: KUH
CHECKED BY: FH 12/14/21
DWG NO.: 9099
SCALE (HORIZ): NTS
SCALE (VERT): NTS
PLOT DATE: 3/28/22

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

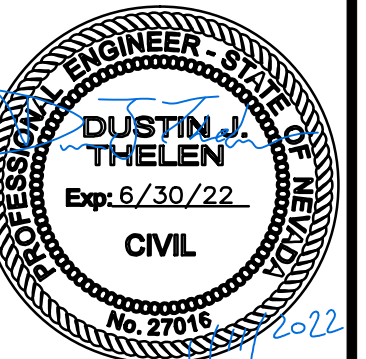
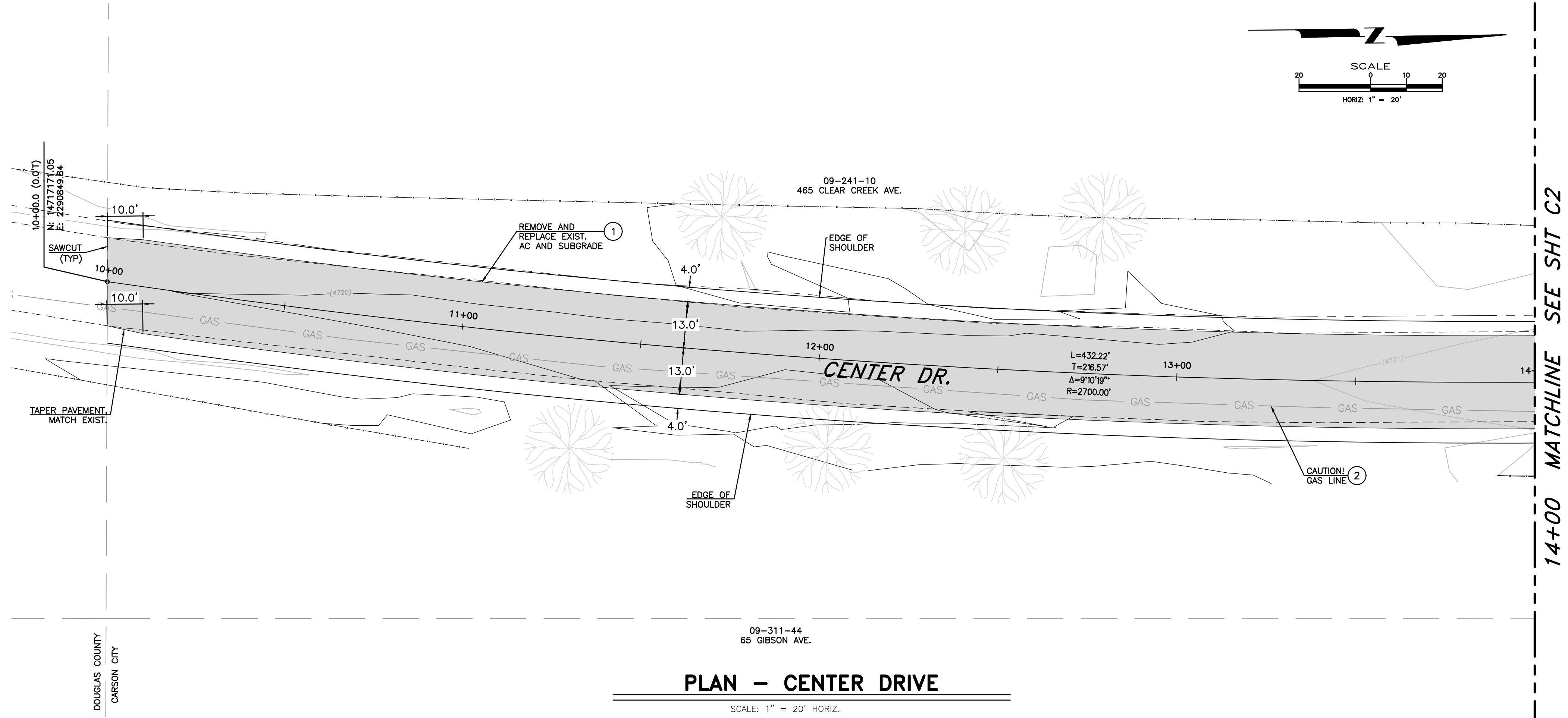


Table with 3 columns: REV., DATE, and DESCRIPTION. Includes a row for APP'D.

CENTER DRIVE REHABILITATION PROJECT PROJECT No. P303521006
NOTES, LEGEND, AND ABBREVIATIONS





PLAN - CENTER DRIVE

SCALE: 1" = 20' HORIZ.

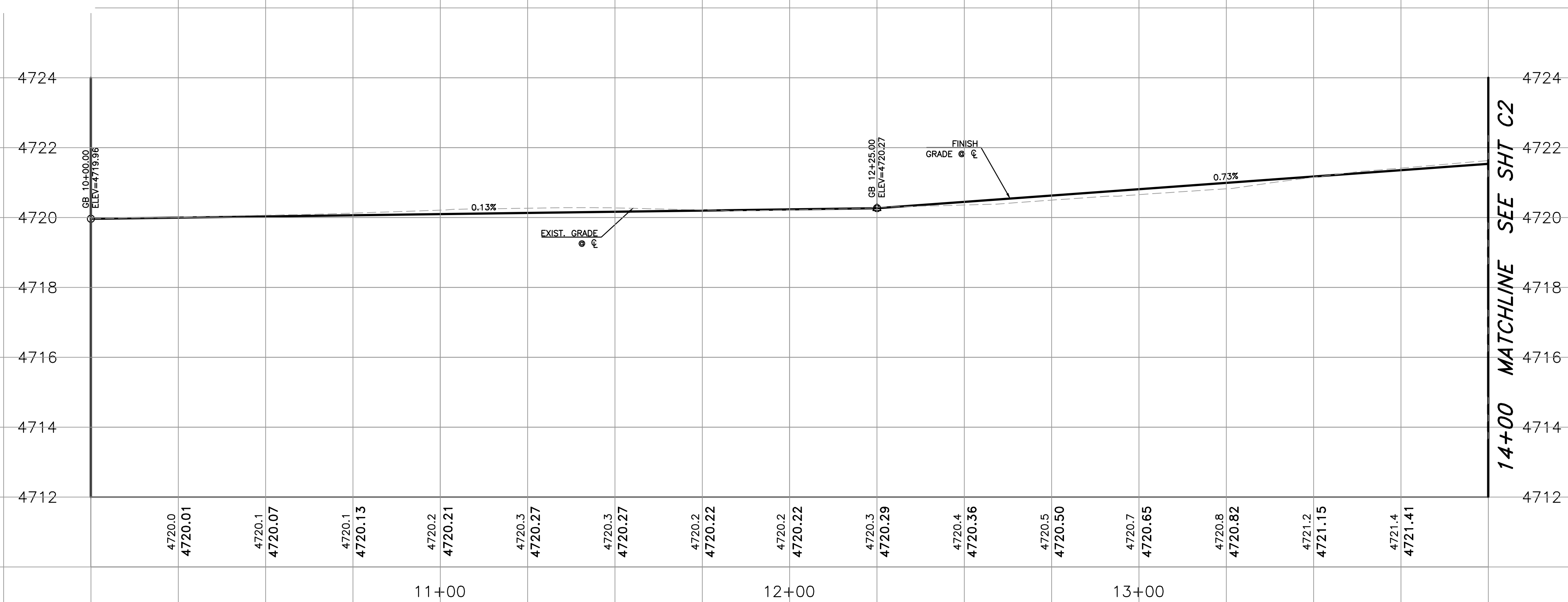


CARSON CITY PUBLIC WORKS DEPARTMENT
 3505 BUTTI WAY CARSON CITY, NEVADA 89701
 PH: 887-2355 FAX: 887-2112

DESIGNED BY: DJT/MH
 DRAWN BY: KJH
 CHECKED BY: FH 12/14/21
 DWG NO.: c-thelen.dwg
 SCALE (HORIZ): 1" = 20'
 SCALE (VERT): 1" = 4'
 PLOT DATE: 3/28/22

CONSTRUCTION NOTES:

- 1 FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 1 SHEET D3
- 2 PROTECT-IN-PLACE



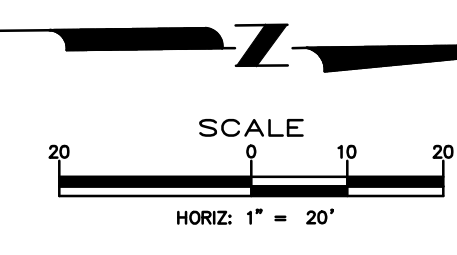
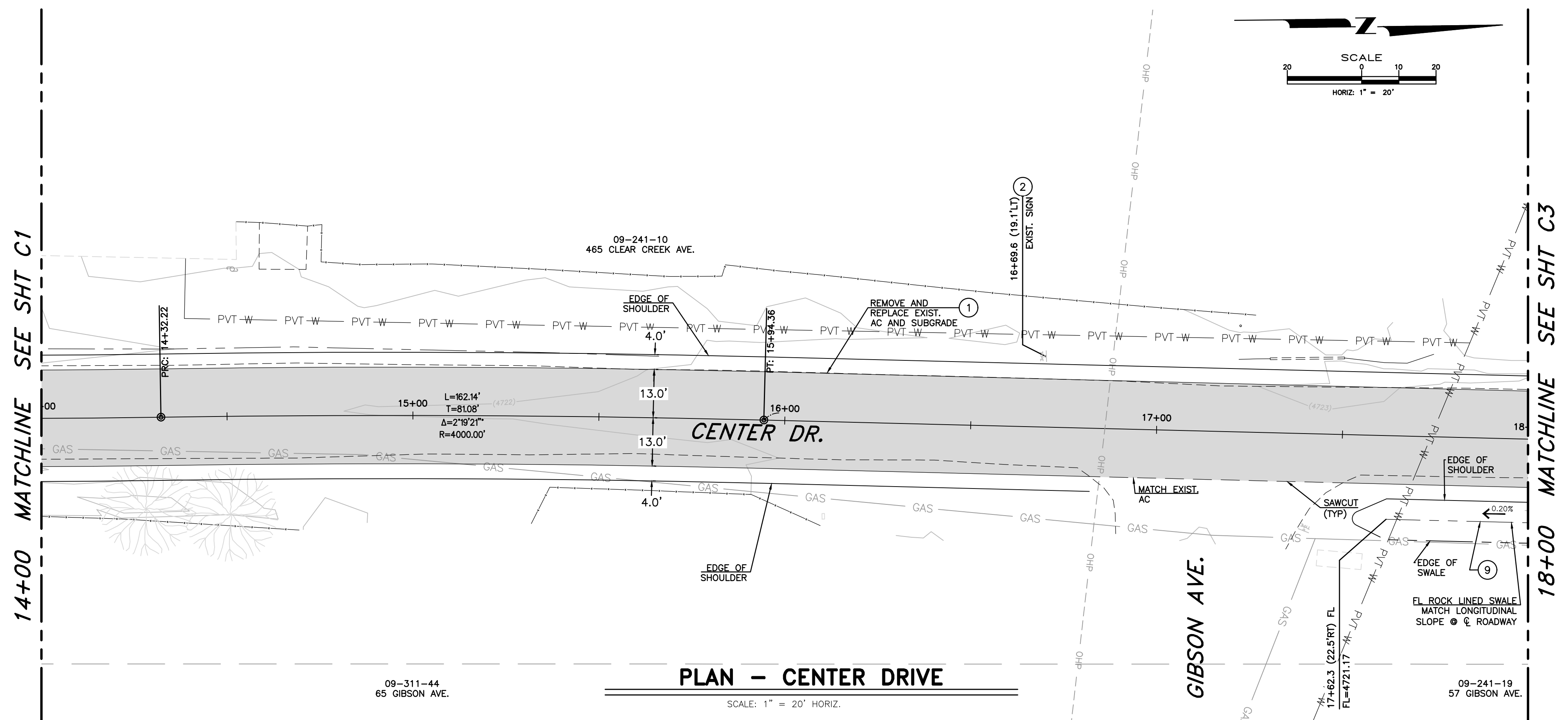
14+00 MATCHLINE SEE SHT C2

REV.	DATE	DESCRIPTION	BY	APP'D

CENTER DRIVE REHABILITATION PROJECT
 PROJECT No. P303521006
CENTER DRIVE PLAN & PROFILE
 10+00 to 14+00

SHEET **C1**
 OF 14

CONFORMED FOR CONSTRUCTION



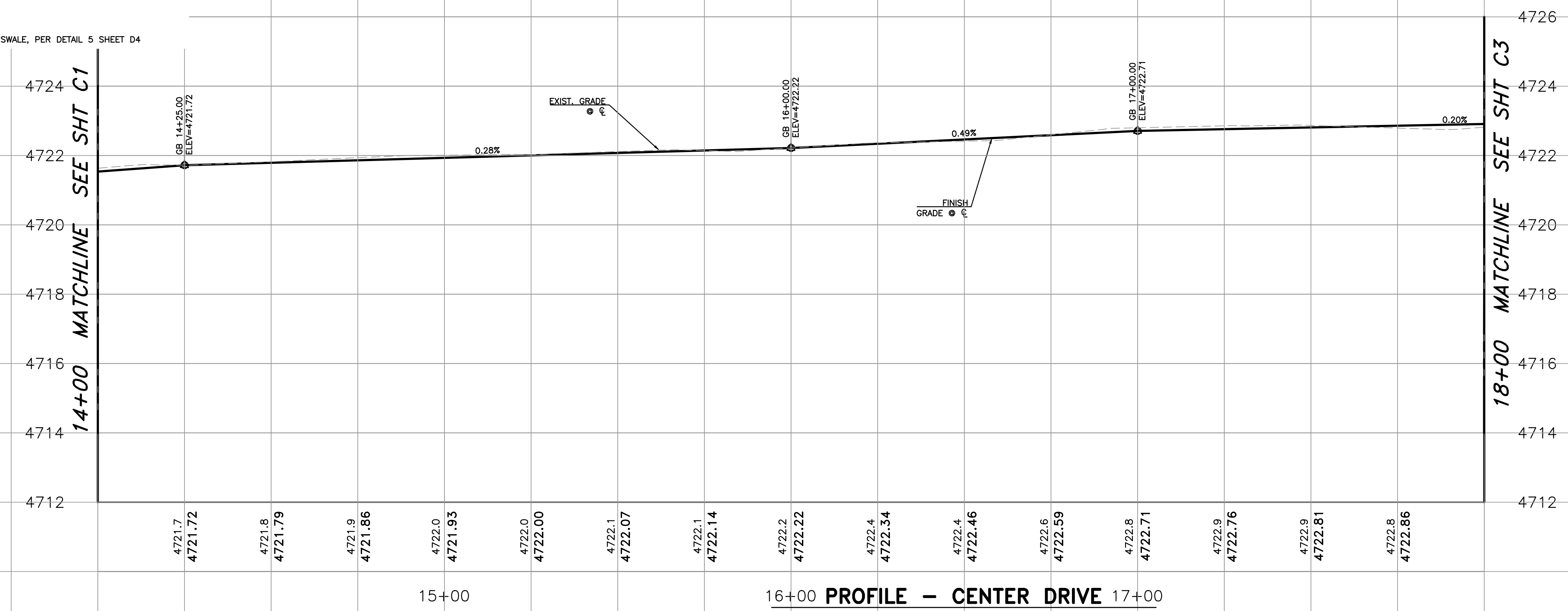
PLAN - CENTER DRIVE

SCALE: 1" = 20' HORIZ.



CONSTRUCTION NOTES:

- ① FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 1 SHEET D3
- ② PROTECT-IN-PLACE
- ⑨ CONSTRUCT ROCK LINED SWALE, PER DETAIL 5 SHEET D4

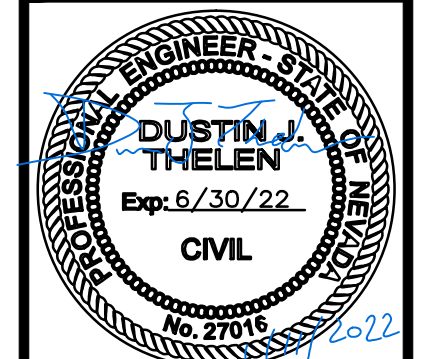


PROFILE - CENTER DRIVE

SCALE: 1" = 20' HORIZ.
1" = 4' VERT.

DESIGNED BY: DJT/MH
DRAWN BY: KJH
CHECKED BY: EH.12/14/21
DWG NO.: c-000001.dwg
SCALE (HORIZ): 1"=20'
SCALE (VERT): 1"=4'
PLOT DATE: 3/28/22

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



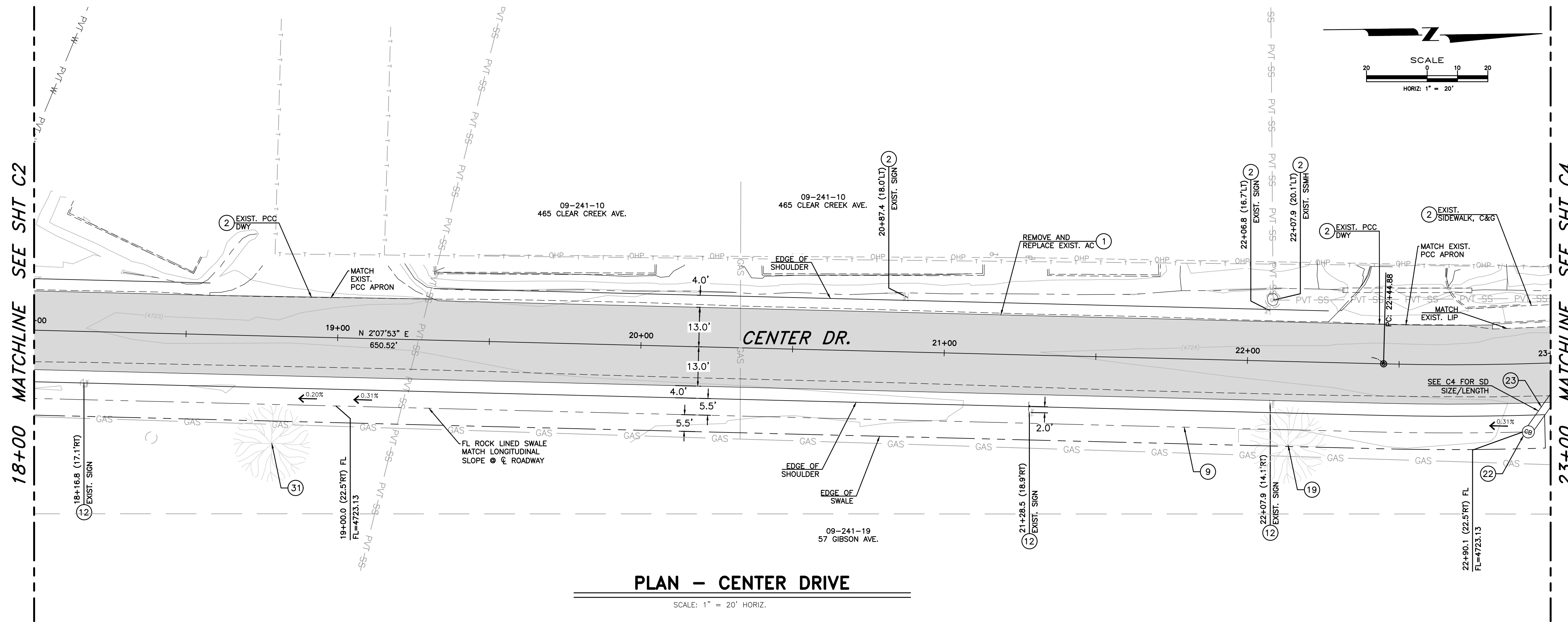
REV.	DATE	DESCRIPTION	BY	APP'D

**CENTER DRIVE
REHABILITATION PROJECT**
PROJECT NO. P303521006
**CENTER DRIVE
PLAN & PROFILE**
14+00 to 18+00

CONFORMED FOR CONSTRUCTION

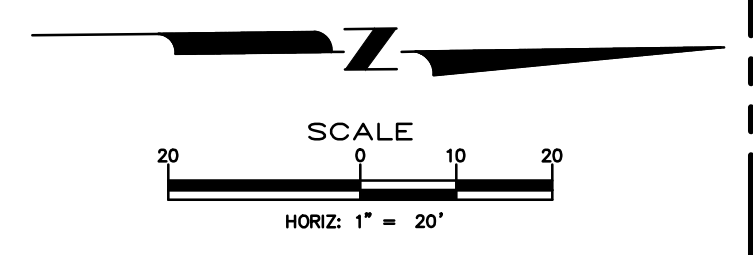
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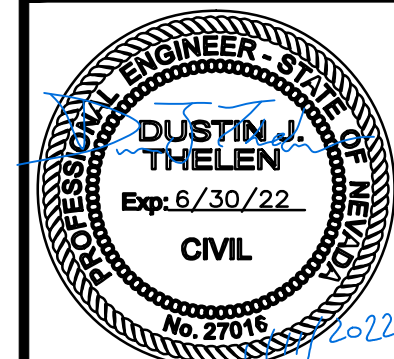
PLAN - CENTER DRIVE

SCALE: 1" = 20' HORIZ.



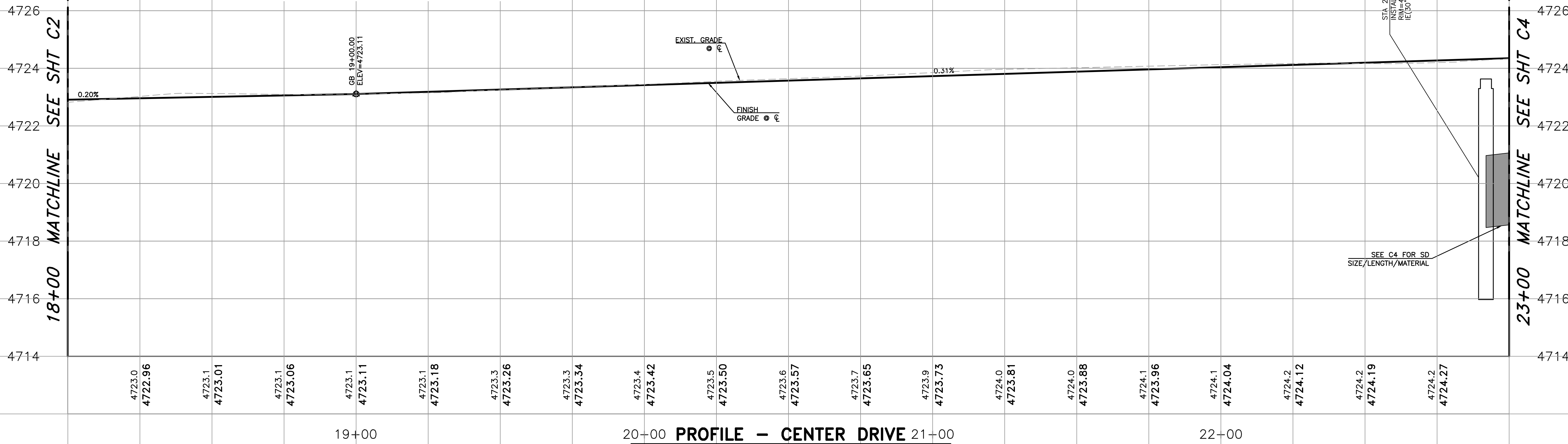
DESIGNED BY: DJT/MH
 DRAWN BY: KJH
 CHECKED BY: FH.12/14/21
 DWG NO.: c-rehab.dwg
 SCALE (HORIZ): 1" = 20'
 SCALE (VERT): 1" = 4'
 PLOT DATE: 3/28/22

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



CONSTRUCTION NOTES:

- (1) FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 1 SHEET D3
- (19) REMOVE EXISTING TREE
- (2) PROTECT-IN-PLACE
- (22) INSTALL SEDIMENT TRAP, PER DETAIL 1 SHEET D4
- (9) CONSTRUCT ROCK LINED SWALE, PER DETAIL 5 SHEET D4
- (23) INSTALL HDPE STORMDRAIN PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN)
- (12) REMOVE AND RESET TRAFFIC SIGN, PER STD DWGS C-5.4.2
- (31) PROTECT TREE & PERFORM ROOT MITIGATION AS DIRECTED BY ARBORIST



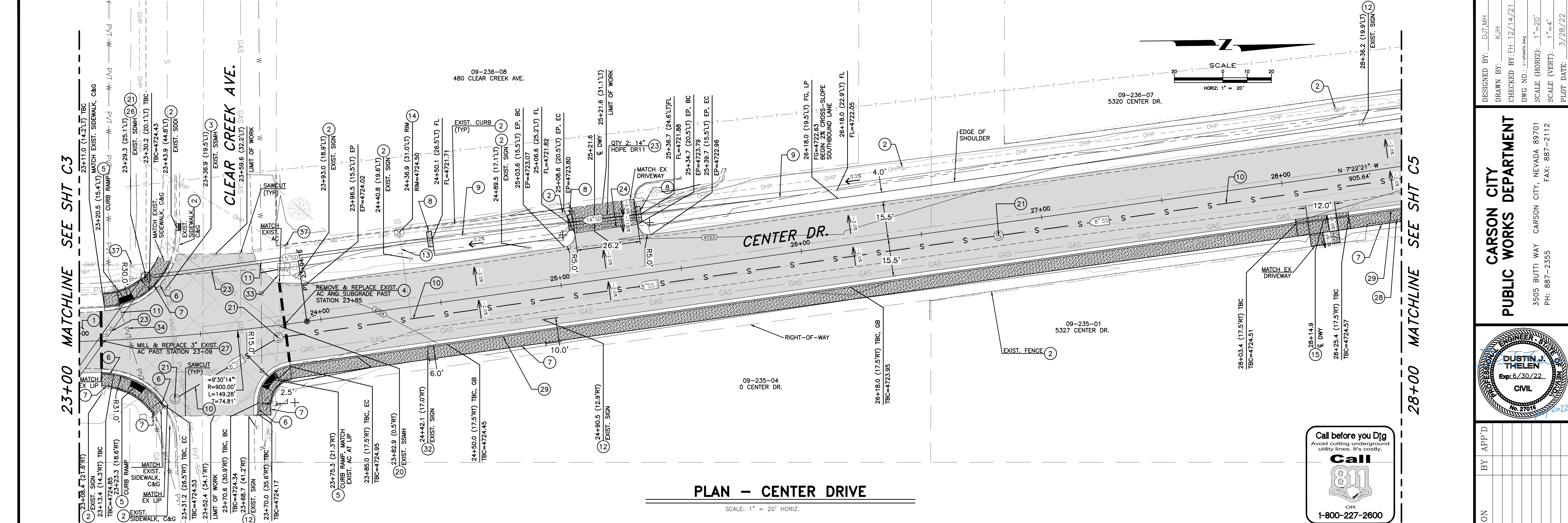
PROFILE - CENTER DRIVE

SCALE: 1" = 20' HORIZ.
 1" = 4' VERT.

REV.	DATE	DESCRIPTION	BY	APP'D

**CENTER DRIVE
 REHABILITATION PROJECT
 PROJECT No. P303521006**
**CENTER DRIVE
 PLAN & PROFILE
 18+00 TO 23+00**

CONFORMED FOR CONSTRUCTION

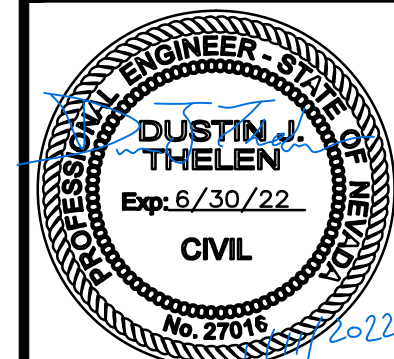


PLAN - CENTER DRIVE

SCALE: 1" = 20' HORIZ.

DESIGNED BY: DJT/MH
 DRAWN BY: KJH
 CHECKED BY: FH, 12/14/21
 DWG NO.: 20-0001.dwg
 SCALE (HORIZ): 1" = 20'
 SCALE (VERT): 1" = 4'
 PLOT DATE: 3/28/22

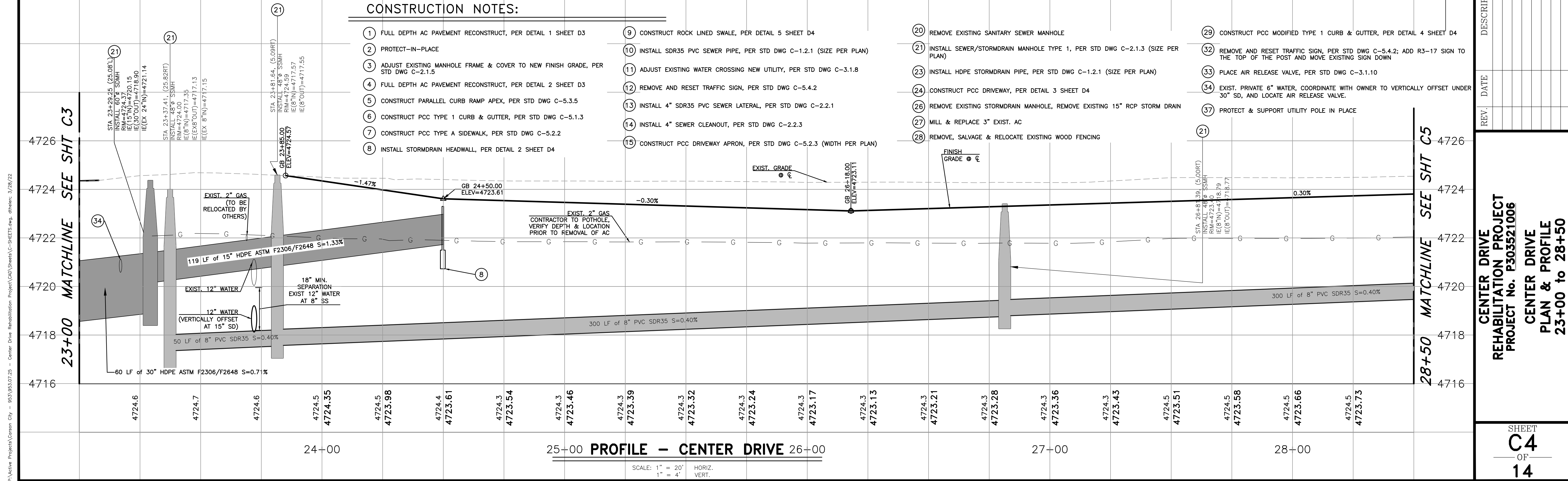
**CARSON CITY
 PUBLIC WORKS DEPARTMENT**
 3505 BUTTI WAY CARSON CITY, NEVADA 89701
 PH: 887-2355 FAX: 887-2112



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

CONSTRUCTION NOTES:

- 1 FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 1 SHEET D3
- 2 PROTECT-IN-PLACE
- 3 ADJUST EXISTING MANHOLE FRAME & COVER TO NEW FINISH GRADE, PER STD DWG C-2.1.5
- 4 FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 2 SHEET D3
- 5 CONSTRUCT PARALLEL CURB RAMP APEX, PER STD DWG C-5.3.5
- 6 CONSTRUCT PCC TYPE 1 CURB & GUTTER, PER STD DWG C-5.1.3
- 7 CONSTRUCT PCC TYPE A SIDEWALK, PER STD DWG C-5.2.2
- 8 INSTALL STORMDRAIN HEADWALL, PER DETAIL 2 SHEET D4
- 9 CONSTRUCT ROCK LINED SWALE, PER DETAIL 5 SHEET D4
- 10 INSTALL SDR35 PVC SEWER PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN)
- 11 ADJUST EXISTING WATER CROSSING NEW UTILITY, PER STD DWG C-3.1.8
- 12 REMOVE AND RESET TRAFFIC SIGN, PER STD DWG C-5.4.2
- 13 INSTALL 4" SDR35 PVC SEWER LATERAL, PER STD DWG C-2.2.1
- 14 INSTALL 4" SEWER CLEANOUT, PER STD DWG C-2.2.3
- 15 CONSTRUCT PCC DRIVEWAY APRON, PER STD DWG C-5.2.3 (WIDTH PER PLAN)
- 20 REMOVE EXISTING SANITARY SEWER MANHOLE
- 21 INSTALL SEWER/STORMDRAIN MANHOLE TYPE 1, PER STD DWG C-2.1.3 (SIZE PER PLAN)
- 23 INSTALL HDPE STORMDRAIN PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN)
- 24 CONSTRUCT PCC DRIVEWAY, PER DETAIL 3 SHEET D4
- 26 REMOVE EXISTING STORMDRAIN MANHOLE, REMOVE EXISTING 15" ROP STORM DRAIN
- 27 MILL & REPLACE 3" EXIST. AC
- 28 REMOVE, SALVAGE & RELOCATE EXISTING WOOD FENCING
- 29 CONSTRUCT PCC MODIFIED TYPE 1 CURB & GUTTER, PER DETAIL 4 SHEET D4
- 32 REMOVE AND RESET TRAFFIC SIGN, PER STD DWG C-5.4.2; ADD R3-17 SIGN TO THE TOP OF THE POST AND MOVE EXISTING SIGN DOWN
- 33 PLACE AIR RELEASE VALVE, PER STD DWG C-3.1.10
- 34 EXIST. PRIVATE 6" WATER, COORDINATE WITH OWNER TO VERTICALLY OFFSET UNDER 30" SD, AND LOCATE AIR RELEASE VALVE.
- 37 PROTECT & SUPPORT UTILITY POLE IN PLACE



PROFILE - CENTER DRIVE

SCALE: 1" = 20' HORIZ.
 1" = 4' VERT.

P:\Active Projects\Carson City - 953\953.0725 - Center Drive Rehabilitation Project\CAD\Sheets\C-SHEETS.dwg, dlisters: 3/28/22

**CENTER DRIVE
 REHABILITATION PROJECT
 PROJECT No. P303521006**
**CENTER DRIVE
 PLAN & PROFILE
 23+00 to 28+50**

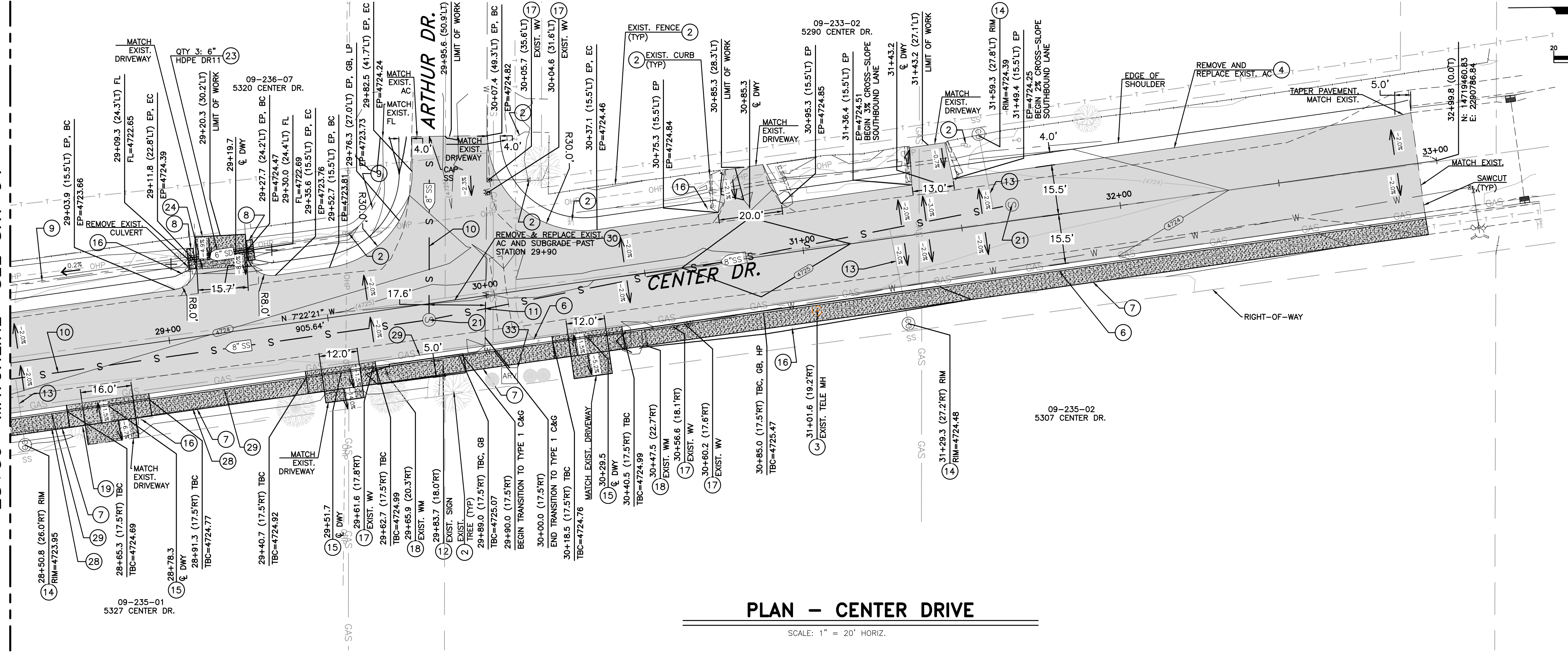
SHEET
C4
 OF
 14

CONFORMED FOR CONSTRUCTION

P:\Active Projects\Carson City - 953\953.07.25 - Center Drive Rehabilitation Project\CAD\Sheets\C-SHEETS.dwg, dlisters: 3/28/22

28+50 MATCHLINE SEE SHT C4

28+50 MATCHLINE SEE SHT C4



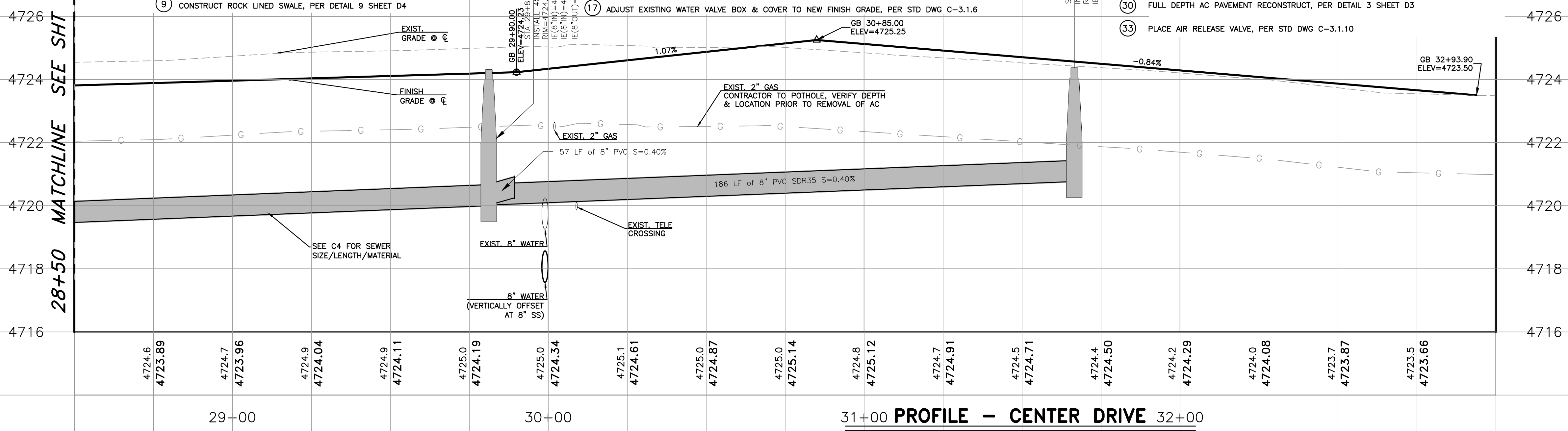
PLAN - CENTER DRIVE

SCALE: 1" = 20' HORIZ.



CONSTRUCTION NOTES:

- (2) PROTECT-IN-PLACE
- (3) ADJUST EXISTING MANHOLE FRAME & COVER TO NEW FINISH GRADE, PER STD DWG C-2.1.5
- (4) FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 2 SHEET D3
- (6) CONSTRUCT PCC TYPE 1 CURB & GUTTER, PER STD DWG C-5.1.3
- (7) CONSTRUCT PCC TYPE A SIDEWALK, PER STD DWG C-5.2.2
- (8) INSTALL STORMDRAIN HEADWALL, PER DETAIL 2 SHEET D4
- (9) CONSTRUCT ROCK LINED SWALE, PER DETAIL 9 SHEET D4
- (10) INSTALL SDR35 PVC SEWER PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN)
- (11) ADJUST EXISTING WATER CROSSING NEW UTILITY, PER STD DWG C-3.1.8
- (12) REMOVE AND RESET TRAFFIC SIGN, PER STD DWGS C-5.4.2
- (13) INSTALL SDR35 4" PVC SEWER LATERAL, PER STD DWG C-2.2.1
- (14) INSTALL 4" SEWER CLEANOUT, PER STD DWG C-2.2.3
- (15) CONSTRUCT PCC DRIVEWAY APRON, PER STD DWG C-5.2.3 (WIDTH PER PLAN)
- (16) REMOVE AND RESET MAILBOX, PER DETAIL 4 SHEET D3
- (17) ADJUST EXISTING WATER VALVE BOX & COVER TO NEW FINISH GRADE, PER STD DWG C-3.1.6
- (18) ADJUST EXISTING WATER METER BOX & COVER TO NEW FINISH GRADE
- (19) REMOVE EXISTING TREE
- (21) INSTALL SEWER/STORMDRAIN MANHOLE TYPE 1, PER STD DWG C-2.1.3 (SIZE PER PLAN)
- (23) INSTALL HDPE STORMDRAIN PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN)
- (24) CONSTRUCT PCC DRIVEWAY, PER DETAIL 3 SHEET D4
- (28) REMOVE, SALVAGE & RELOCATE EXISTING WOOD FENCING
- (29) CONSTRUCT PCC MODIFIED TYPE 1 CURB & GUTTER, PER DETAIL 4 SHEET D4
- (30) FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 3 SHEET D3
- (33) PLACE AIR RELEASE VALVE, PER STD DWG C-3.1.10

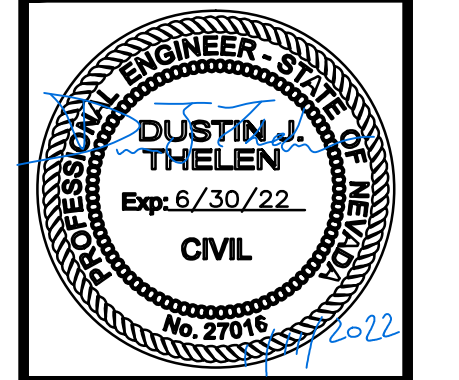


PROFILE - CENTER DRIVE 31+00 32+00

SCALE: 1" = 20' HORIZ.
1" = 4' VERT.

DESIGNED BY: DJT/MH
DRAWN BY: KJH
CHECKED BY: FH 12/14/21
DWG NO.: c-rehab.dwg
SCALE (HORIZ): 1"=20'
SCALE (VERT): 1"=4'
PLOT DATE: 3/28/22

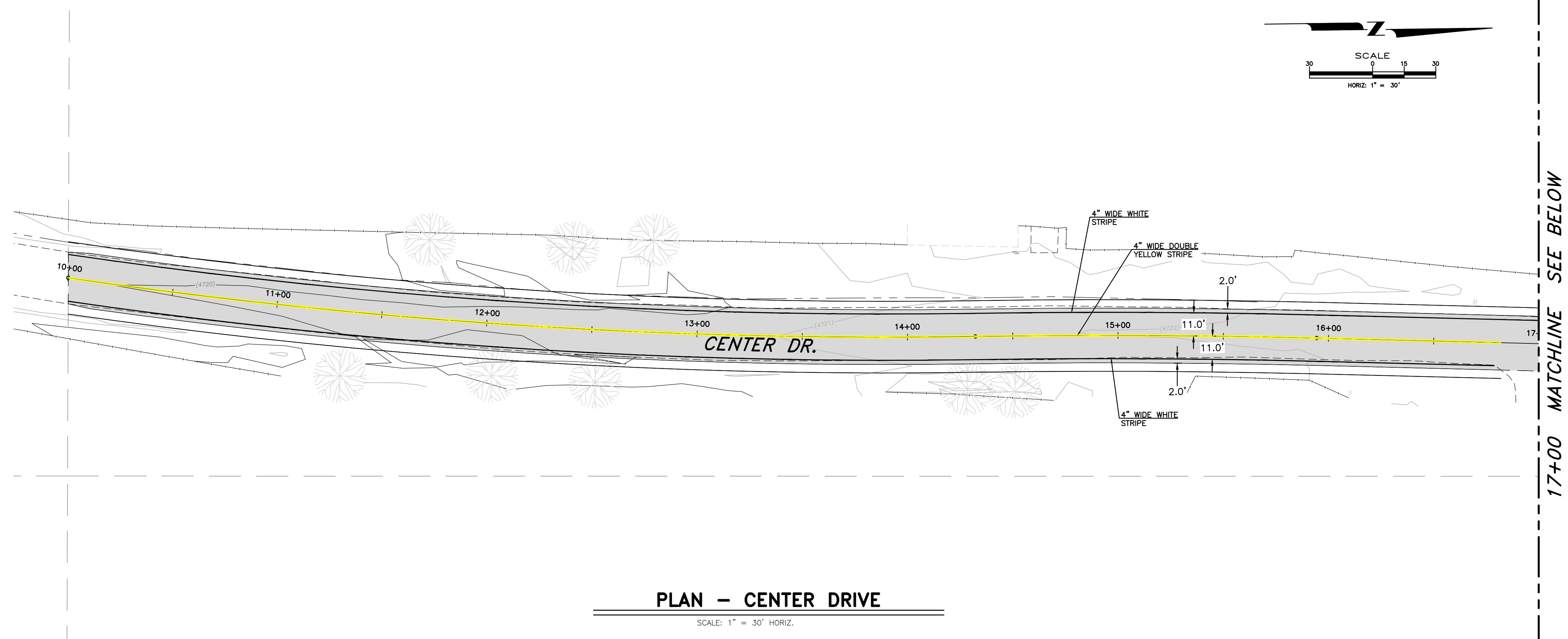
**CARSON CITY
PUBLIC WORKS DEPARTMENT**
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112



REV.	DATE	DESCRIPTION	BY	APP'D

**CENTER DRIVE
REHABILITATION PROJECT
PROJECT No. P303521006**
**CENTER DRIVE
PLAN & PROFILE
28+50 to 33+00**

CONFORMED FOR CONSTRUCTION



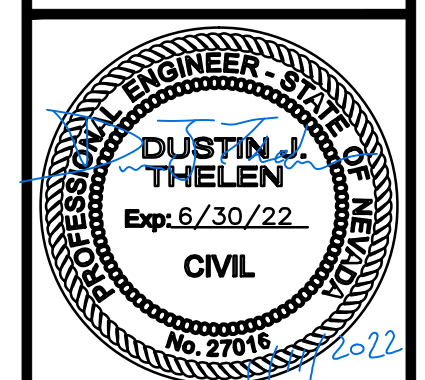
PLAN - CENTER DRIVE

SCALE: 1" = 30' HORIZ.



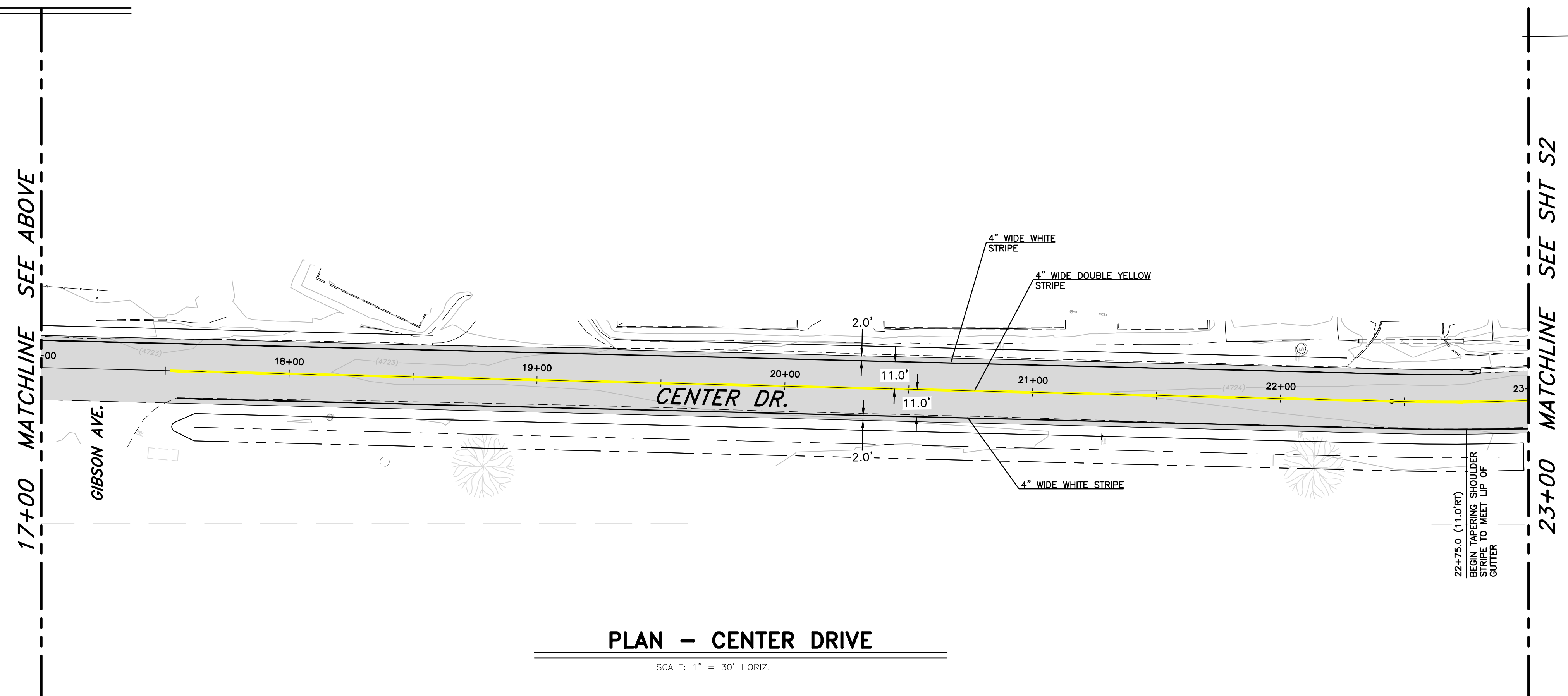
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 DRAWN BY: KUH
 CHECKED BY: FH 12/14/21
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 SCALE (VERT): 1"=30'
 PLOT DATE: 3/28/22

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



REV.	DATE	DESCRIPTION	BY	APP'D

CONSTRUCTION NOTES:



PLAN - CENTER DRIVE

SCALE: 1" = 30' HORIZ.

**CENTER DRIVE
 REHABILITATION PROJECT
 PROJECT No. P303521006**
**CENTER DRIVE
 STRIPING PLAN
 10+00 to 23+00**

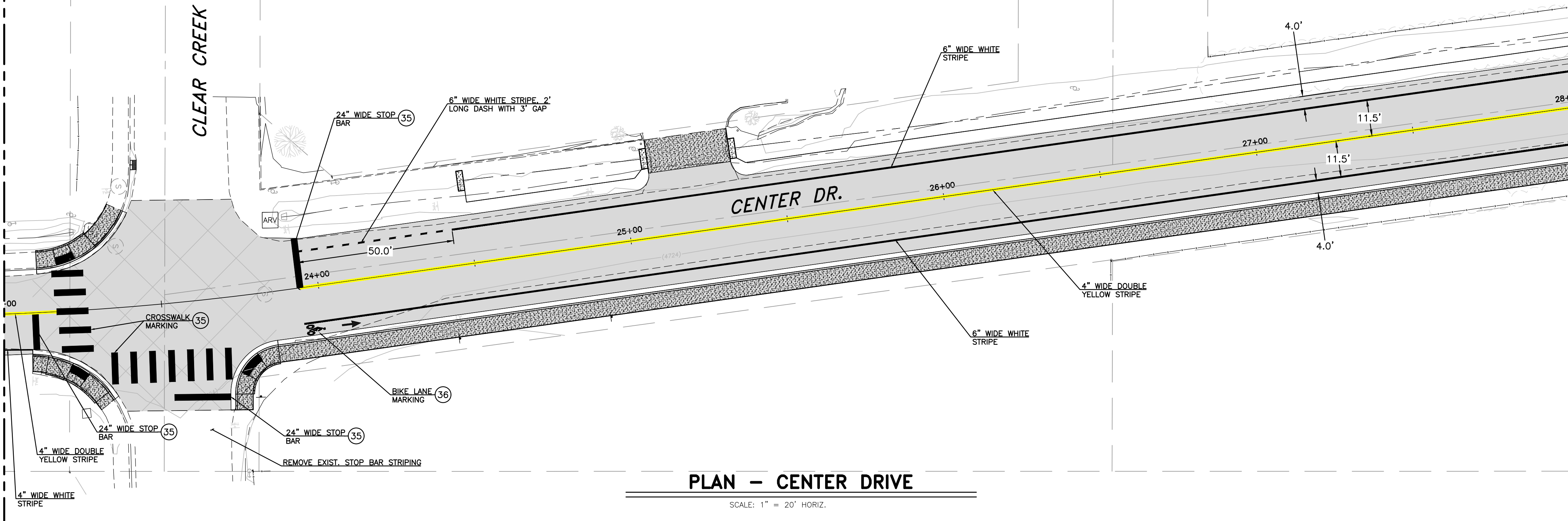
SHEET
S1
 OF
14

CONFORMED FOR CONSTRUCTION

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23+00 MATCHLINE SEE SHT S1

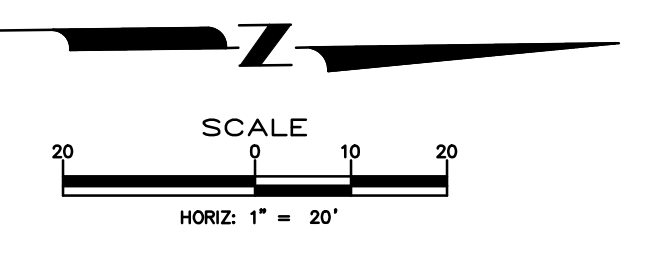
CLEAR CREEK AVE.



PLAN - CENTER DRIVE

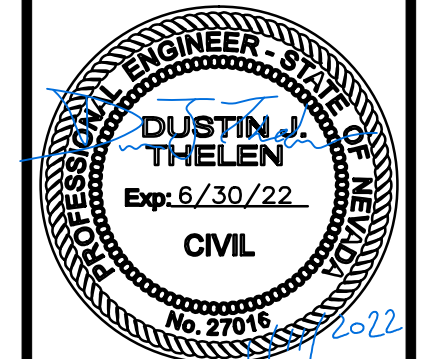
SCALE: 1" = 20' HORIZ.

28+00 MATCHLINE SEE BELOW



DESIGNED BY: DJT/MH
 DRAWN BY: KUH
 CHECKED BY: FH 12/14/21
 DWG NO.: arh/10/20
 SCALE (HORIZ): 1"=20'
 SCALE (VERT): 1"=20'
 PLOT DATE: 3/28/22

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

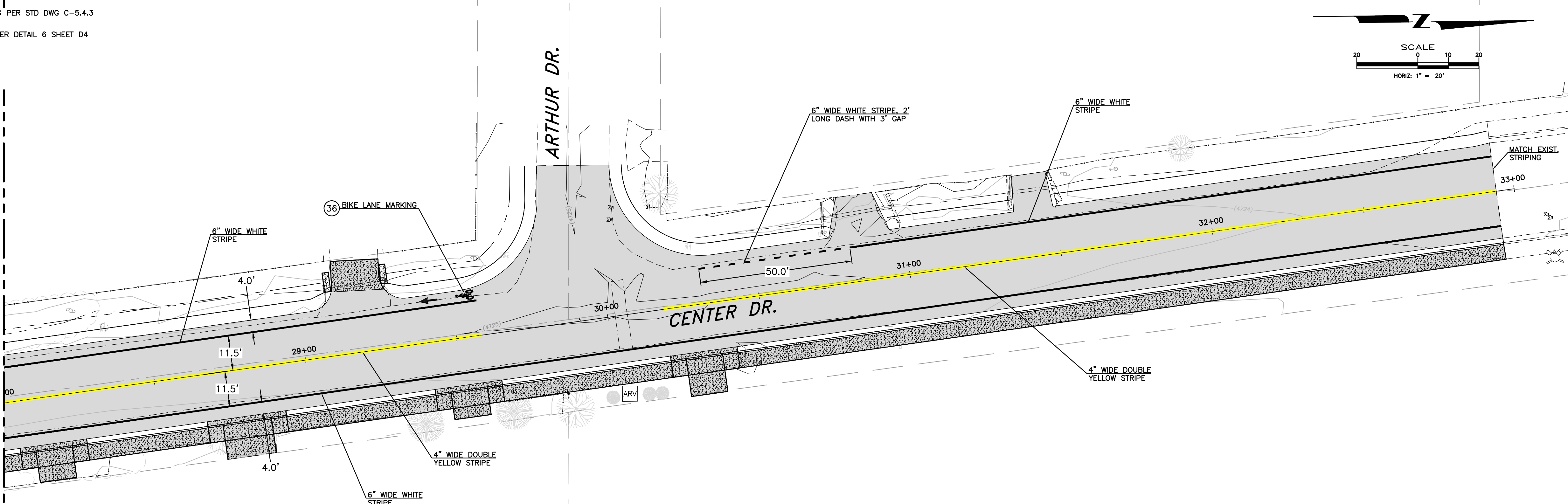


REV.	DATE	DESCRIPTION	BY	APP'D

CONSTRUCTION NOTES:

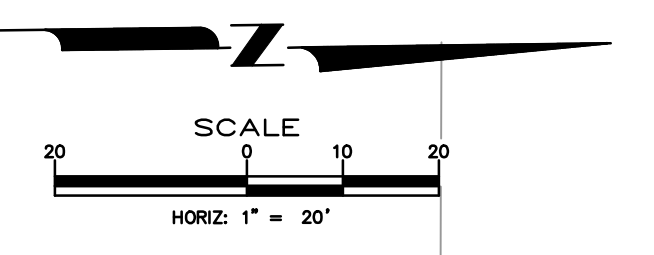
- (35) INTERSECTION STRIPING PER STD DWG C-5.4.3
- (36) BIKE LANE MARKING PER DETAIL 6 SHEET D4

28+00 MATCHLINE SEE ABOVE



PLAN - CENTER DRIVE

SCALE: 1" = 20' HORIZ.

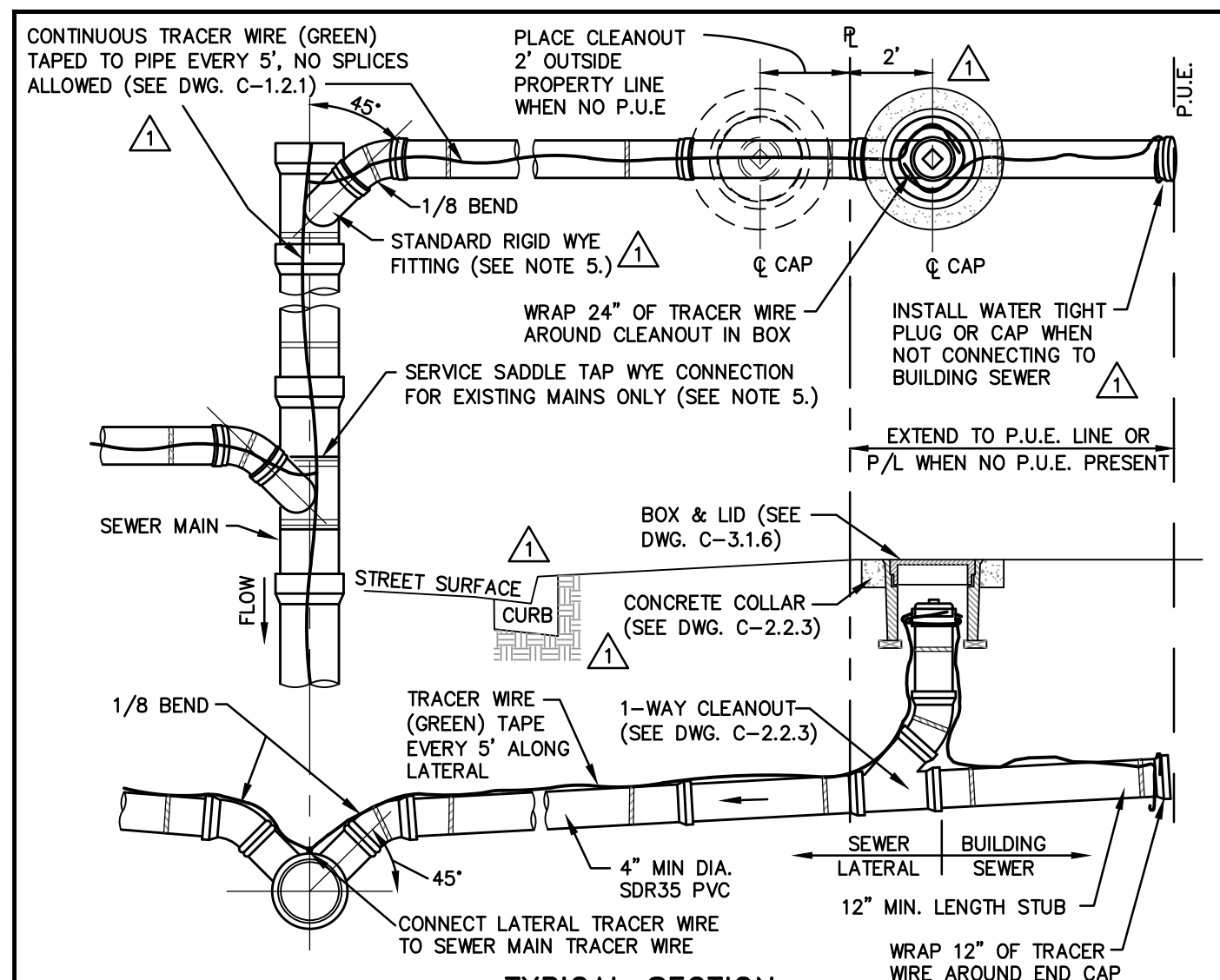


**CENTER DRIVE
 REHABILITATION PROJECT
 PROJECT No. P303521006**
**CENTER DRIVE
 STRIPING PLAN
 23+00 to 33+00**

SHEET
S2
 OF
14

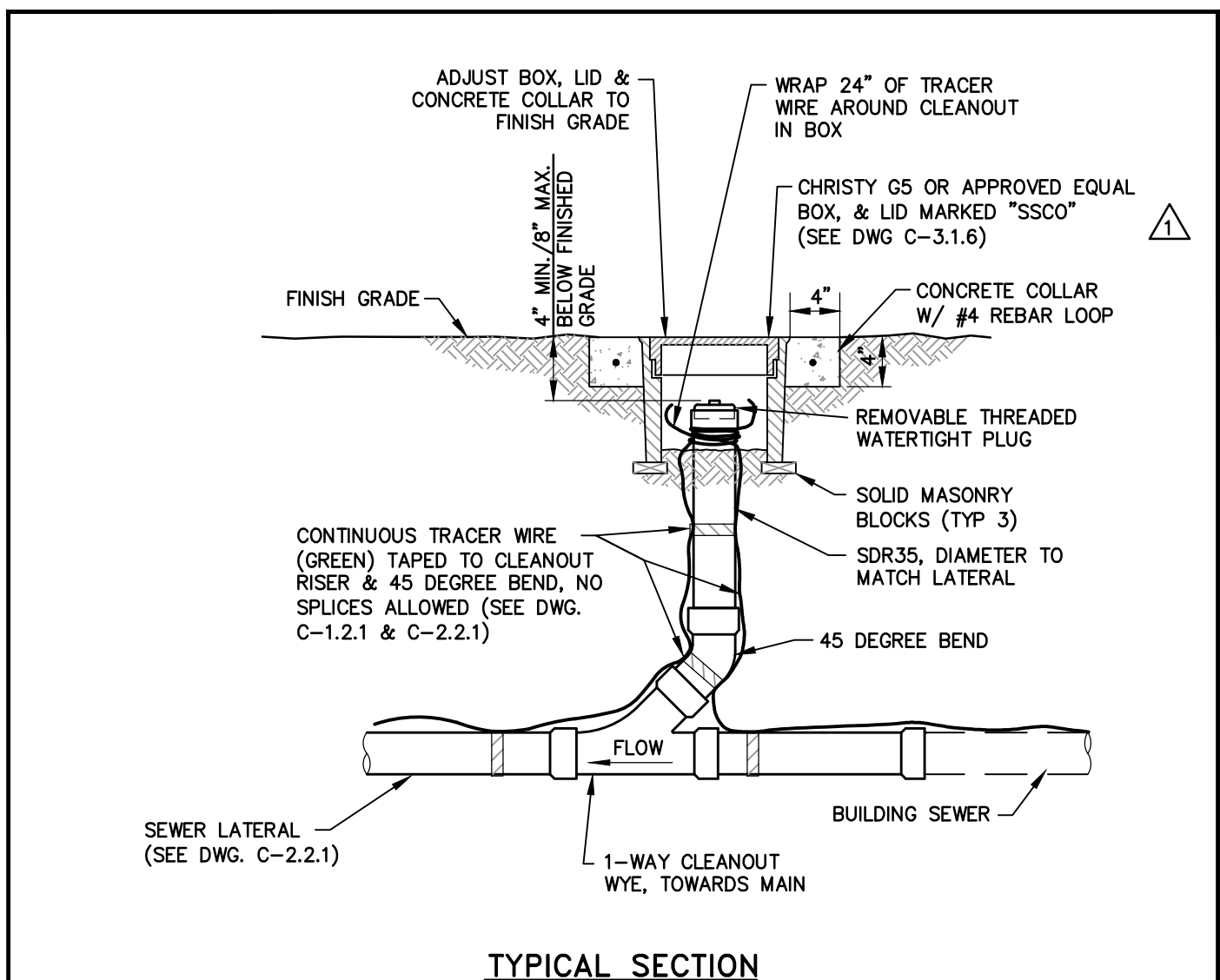
CONFORMED FOR CONSTRUCTION

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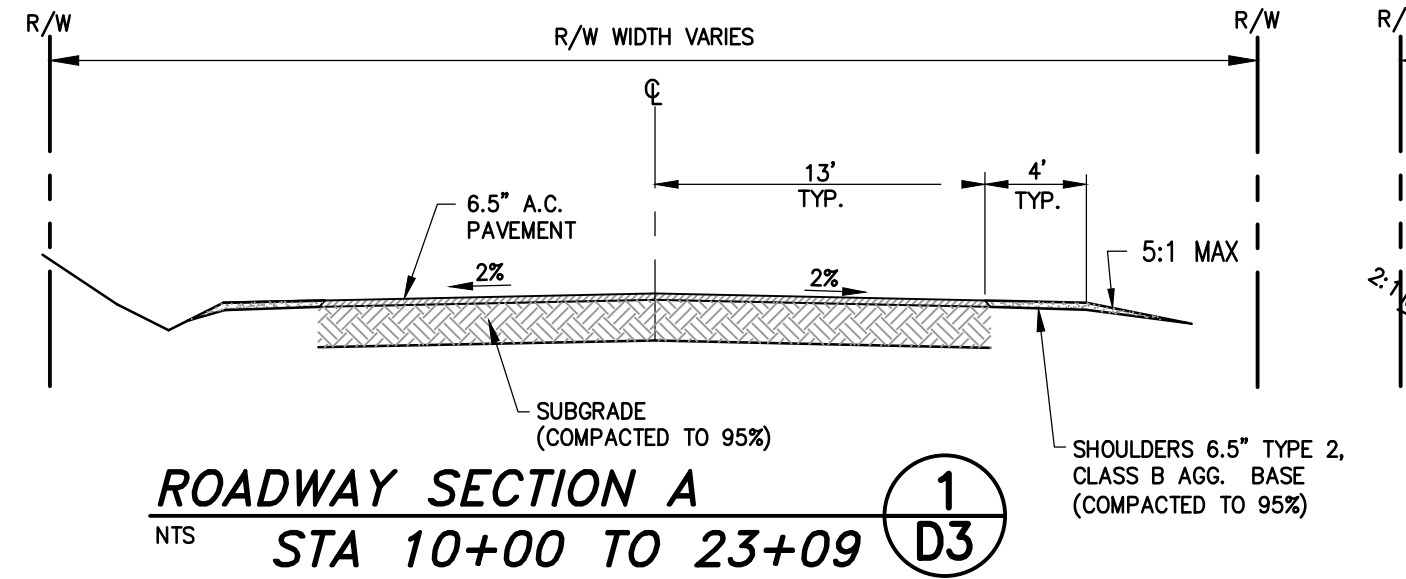
- NOTES:**
- LATERALS SHALL NOT CONNECT TO THE SEWER MAIN DIRECTLY ON TOP OR MATCH THE FLOWLINE OF THE PIPE.
 - SEWER LATERALS SHALL HAVE A MINIMUM SLOPE OF 2%. PLANS SHALL INDICATE INVERT ELEV. REQUIRED TO SERVE PROPERTY AND CLEAR UNDERGROUND OBSTRUCTIONS.
 - ALL JOINTS ON SEWER LATERAL PIPE WITHIN THE RIGHT-OF-WAY SHALL BE GASKETED BELL TYPE UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
 - LATERAL SHALL BE INSTALLED PERPENDICULAR TO THE MAIN UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
 - USE OF SEWER SERVICE TAP SADDLE CONNECTIONS SHALL NOT BE ALLOWED FOR NEW SEWER MAIN CONSTRUCTION. WHEN A TAP SADDLE CONNECTION IS TO BE USED ON AN EXISTING SEWER MAIN, IT SHALL BE A WYE SADDLE AND BE INSTALLED PER DWG. C-2.2.2.
 - DISCONTINUANCE OF USE OF AN EXISTING SEWER LATERAL REQUIRES ABANDONMENT OF THE LATERAL. CUT, REMOVE 1 FOOT OF EXISTING LATERAL, AND CAP BOTH ENDS OF THE EXISTING SEWER LATERAL TO BE ABANDONED WITHIN 6 INCHES OF THE SEWER MAIN. INSPECTION BY CARSON CITY SEWER UTILITY IS REQUIRED PRIOR TO BACKFILL.
 - PROPERTY OWNER SHALL BE RESPONSIBLE FOR OPERATION, MAINTENANCE AND REPAIR OF THE SEWER LATERAL WITHIN THE PUBLIC RIGHT-OF-WAY PER CGMC 12.05.050.5.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
Δ	REVISED ALL	9/17		CARSON CITY
				DRAWING NO. C-2.2.1 (203,306)
				DATE SEP 2017

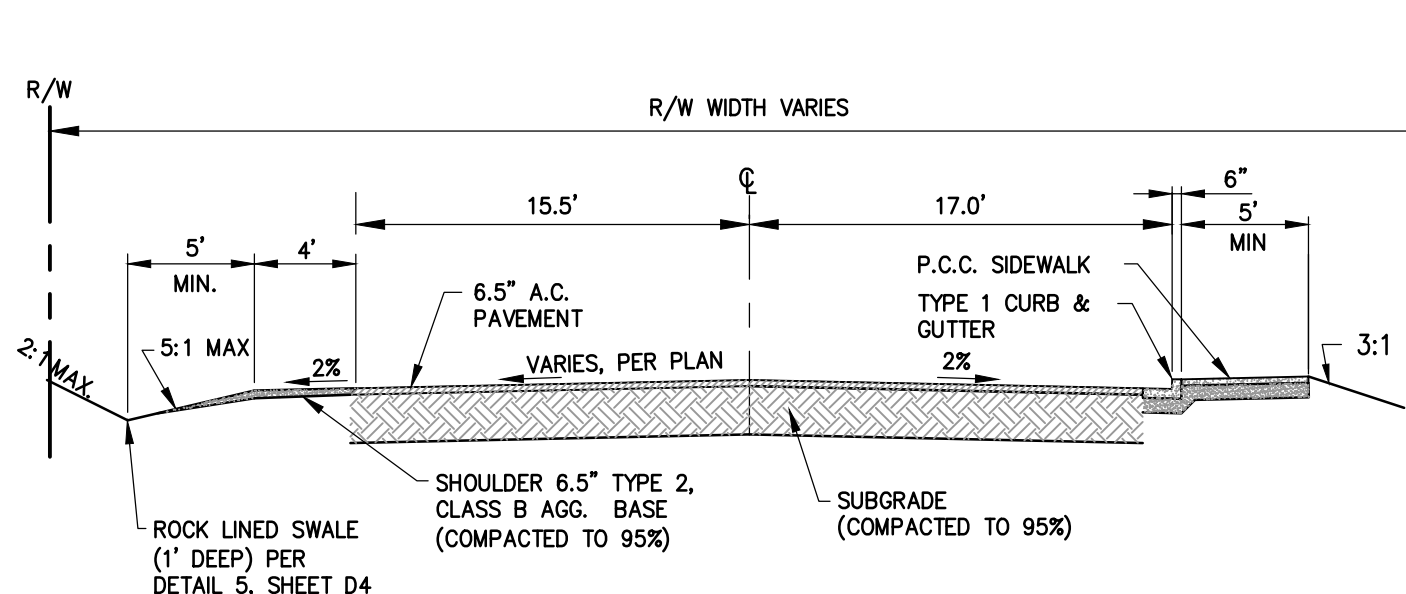


- NOTES:**
- CONCRETE SHALL CONFORM TO THE SSPWC SECTION 337.10.
 - LIDS SHALL BE SET FLUSH WITH FINISH GRADE UNLESS OTHERWISE NOTED.
 - WHEN LOCATED IN NDOT RIGHT-OF-WAY, CONCRETE COLLAR SHALL CONFORM TO NDOT STANDARD PLAN SHT R-4.3.3 AND STANDARD SPECIFICATION 609.

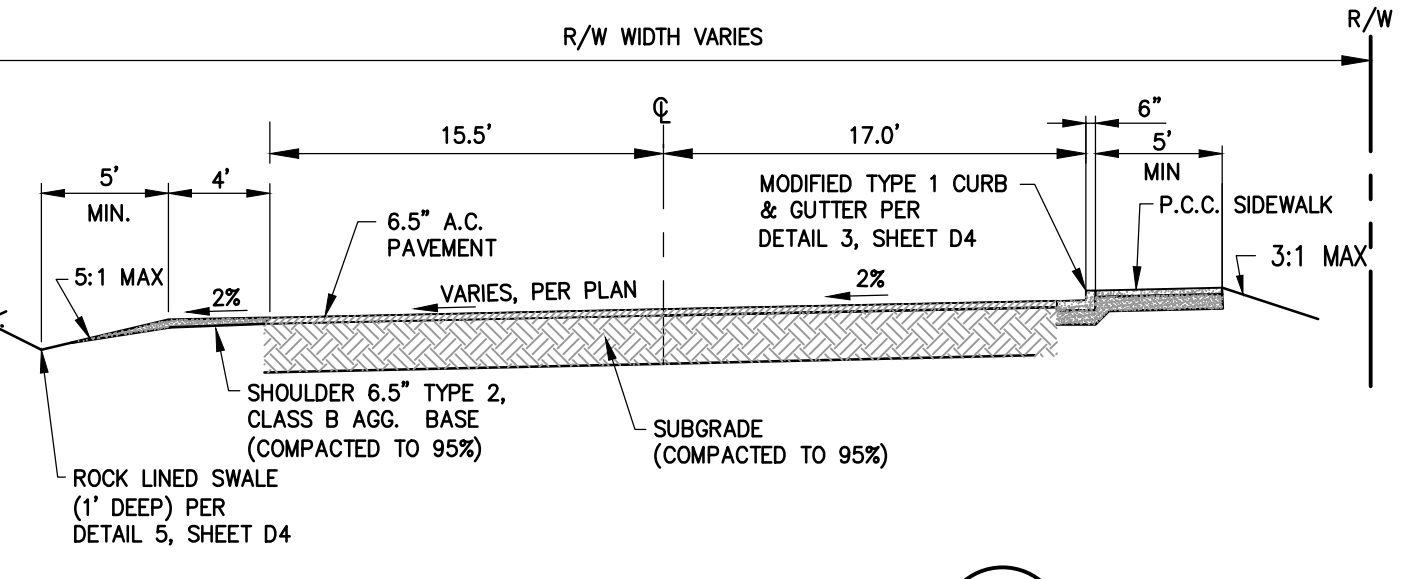
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
Δ	REVISED	9/17		CARSON CITY
				DRAWING NO. C-2.2.3 (203,306)
				DATE SEP 2017



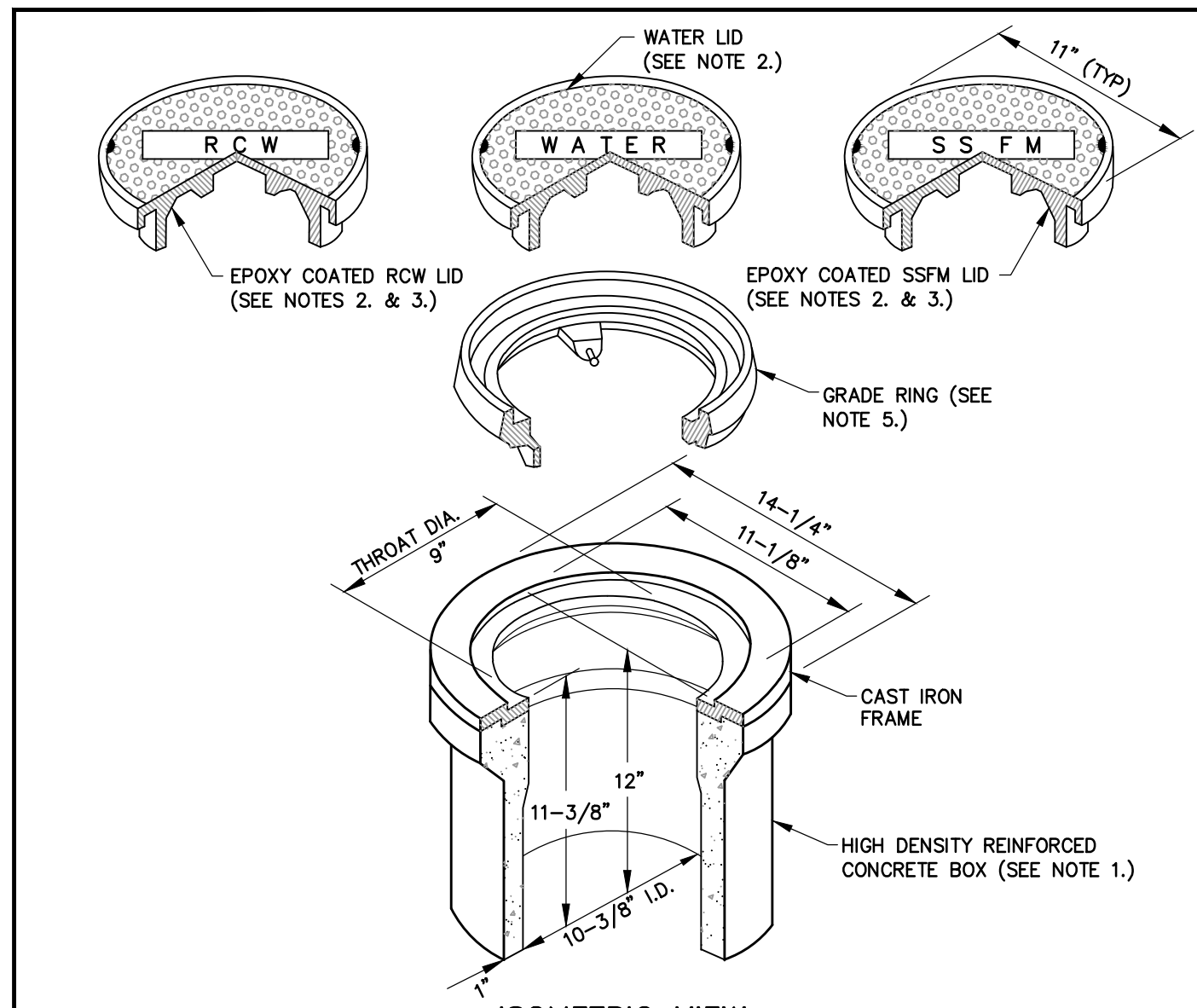
- ROADWAY SECTION A**
NTS STA 10+00 TO 23+09 D3
- NOTES:**
- LANE WIDTH IS MEASURED TO OUTSIDE EDGE OF ASPHALT.
 - FURNISH MATERIALS IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
 - ROADWAY SHALL INCLUDE CENTER STRIPING AND FOG LINES.
 - BITUMINOUS PAVING MACHINES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND CAPABLE OF SPREADING AND FINISHING COURSES OF BITUMINOUS MIXTURE IN LANE AND SHOULDER WIDTHS APPLICABLE TO THE SPECIFIED TYPICAL SECTION AND THICKNESS SHOWN ON PLANS.
 - EDGE OF ASPHALT SHALL BE SLOPED AT 1:1.



- ROADWAY SECTION B**
NTS STA 23+85 TO 29+90 D3
- NOTES:**
- LANE WIDTH IS MEASURED TO FRONT FACE OF CURB OR TO OUTSIDE EDGE OF ASPHALT.
 - FURNISH MATERIALS IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
 - ROADWAY SHALL INCLUDE CENTER STRIPING AND FOG LINE.
 - ROADWAY BIKE LANES SHALL INCLUDE BICYCLE MARKINGS AND SIGNS PER M.U.T.C.D. LANES SHALL BE 4 FEET AS MEASURED FROM THE EDGE OF PAVEMENT.
 - BITUMINOUS PAVING MACHINES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND CAPABLE OF SPREADING AND FINISHING COURSES OF BITUMINOUS MIXTURE IN LANE AND SHOULDER WIDTHS APPLICABLE TO THE SPECIFIED TYPICAL SECTION AND THICKNESS SHOWN ON PLANS.
 - WHERE NOT MEETING CURB AND GUTTER, EDGE OF ASPHALT TO BE SLOPED AT 1:1.

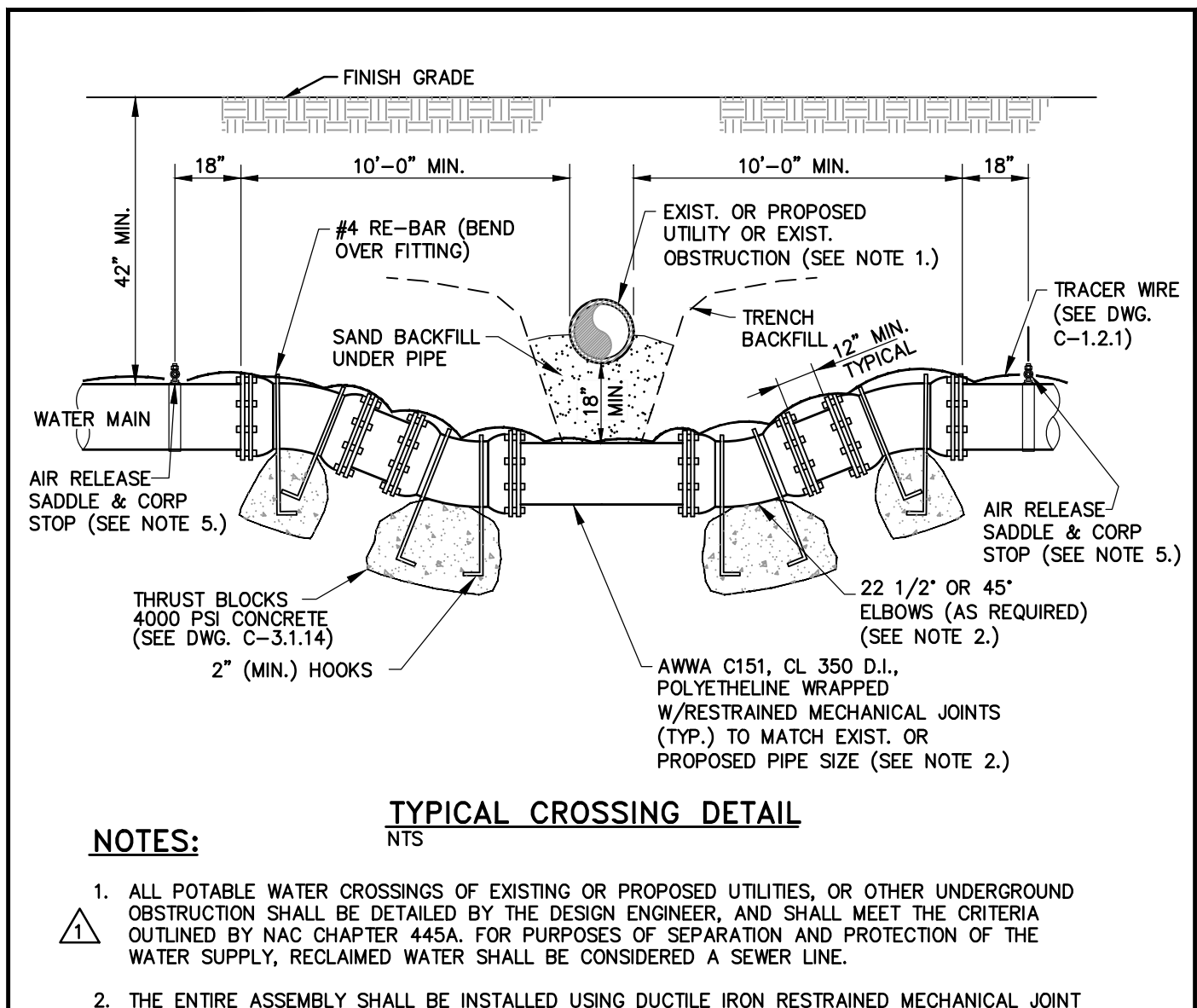


- ROADWAY SECTION C**
NTS STA 29+90 TO 32+94 D3
- NOTES:**
- REPLACES 6.5" AC PAVEMENT ON SUBGRADE COMPACTED TO 95% FOR ALL ROADWAY SECTIONS.



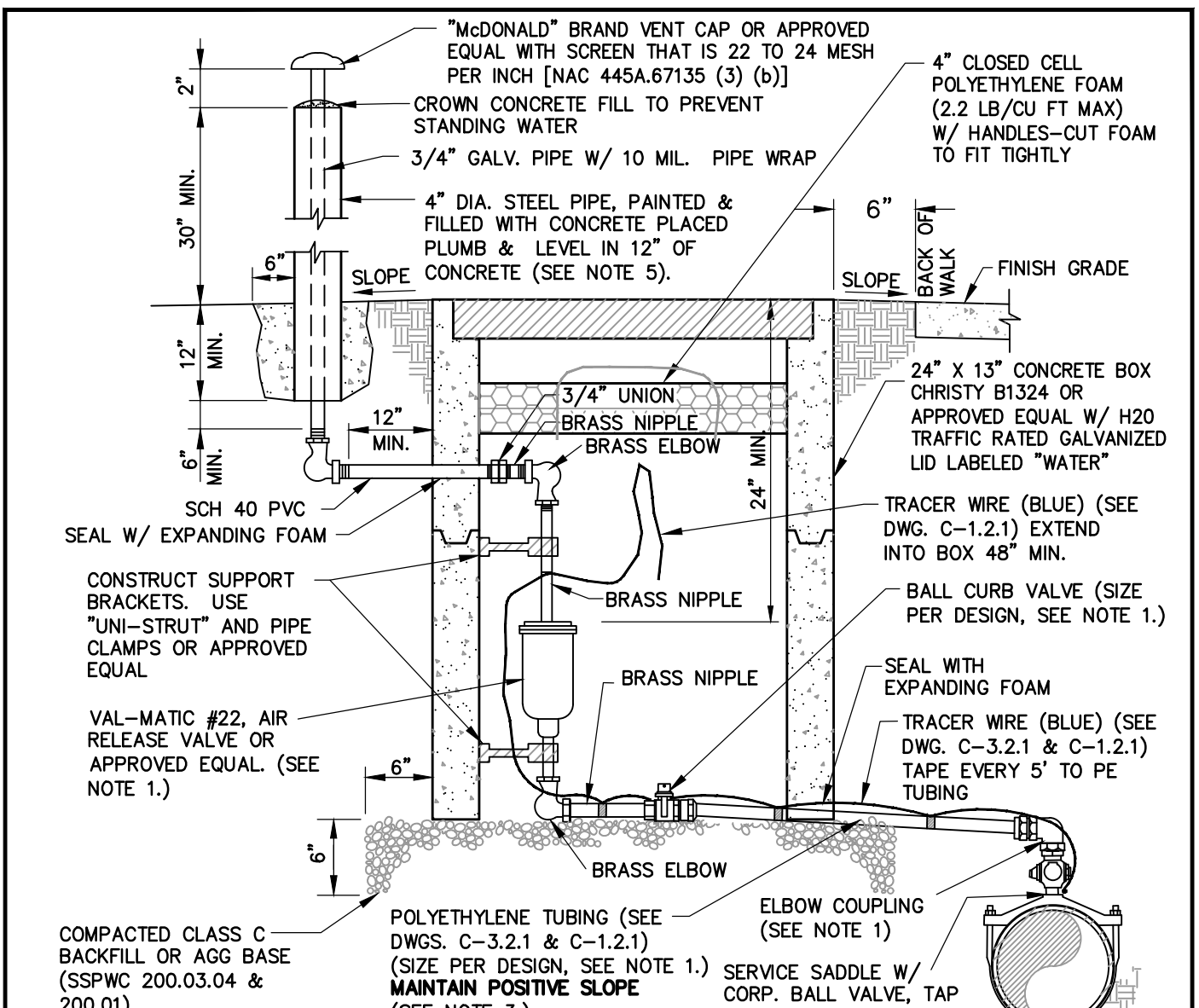
- NOTES:**
- VALVE BOX AND LID SHALL BE H20 TRAFFIC RATED WITH A MINIMUM INSIDE DIAMETER OF 10 INCHES (CHRISTY G5 TRAFFIC VALVE BOX & LID).
 - CAST IRON LID SHALL BE MARKED AT THE FACTORY "WATER" FOR WATER APPLICATIONS, "RECLAIMED WATER" OR "RCW" FOR RECLAIMED WATER APPLICATIONS, AND "SS FORCE MAIN" OR "SSFM" FOR SANITARY SEWER APPLICATIONS.
 - FOR RECLAIMED WATER AND SANITARY SEWER APPLICATIONS, CAST IRON LID SHALL BE EPOXY COATED AT THE FACTORY, OR POWDER COATED. COLOR SHALL BE PURPLE FOR RECLAIMED WATER APPLICATIONS AND GREEN FOR SANITARY SEWER APPLICATIONS.
 - VALVE BOX SHALL BE SET OR ADJUSTED TO GRADE PER DRAWING NO. C-3.1.4. RISER FOR ADJUSTED VALVE BOX SHALL BE PER DRAWING NO. C-3.1.4. FOR OVERLAY ADJUSTMENTS, RISER WILL NOT REQUIRE REPLACEMENT OR EXTENSION IF IT EXTENDS A MINIMUM OF 2 INCHES INTO ADJUSTED VALVE BOX.
 - GRADE RING IS NOT ALLOWED FOR NEW VALVE BOX INSTALLATIONS. CAST IRON GRADE RING (CHRISTY G5 GRADE RING) MAY BE USED FOR OVERLAY ADJUSTMENTS WHEN OVERLAY DEPTH EQUALS THE GRADE RING DEPTH. NO MORE THAN ONE GRADE RING ALLOWED PER BOX.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
Δ	NOTE 1	1/21		CARSON CITY
				DRAWING NO. C-3.1.6 (203,306,307)
				DATE SEP 2017



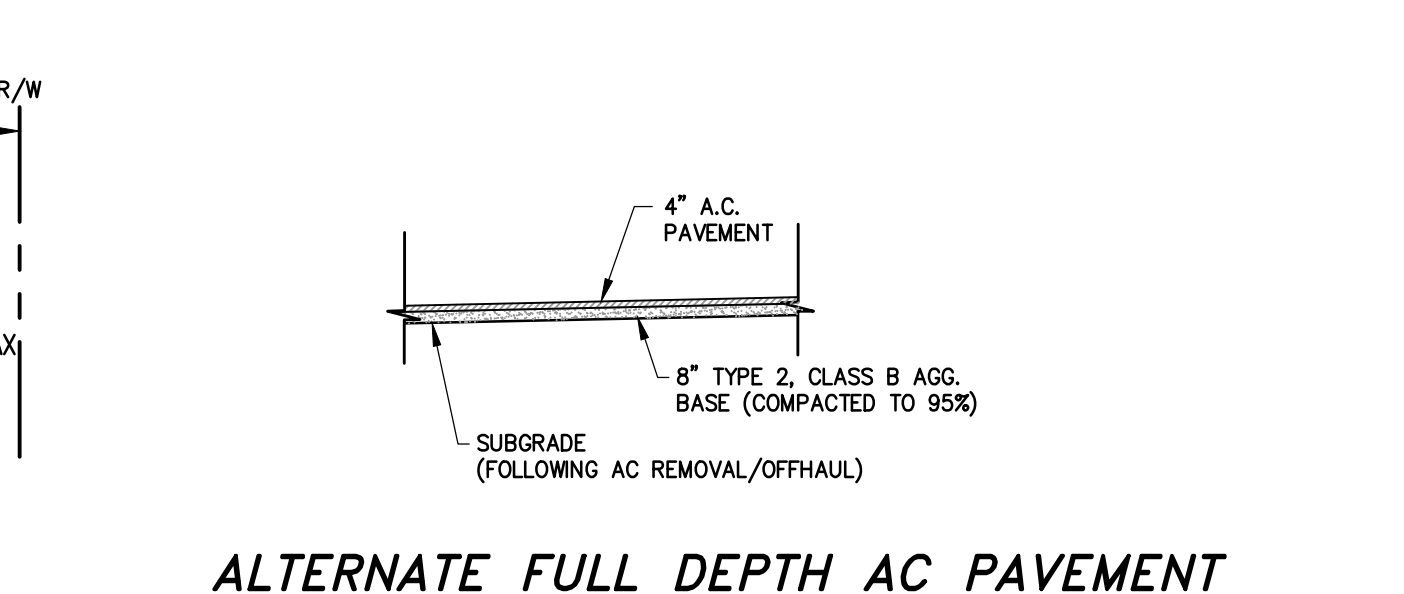
- NOTES:**
- ALL POTABLE WATER CROSSINGS OF EXISTING OR PROPOSED UTILITIES, OR OTHER UNDERGROUND OBSTRUCTION SHALL BE DETAILED BY THE DESIGN ENGINEER, AND SHALL MEET THE CRITERIA OUTLINED BY NAC CHAPTER 445A. FOR PURPOSES OF SEPARATION AND PROTECTION OF THE WATER SUPPLY, RECLAIMED WATER SHALL BE CONSIDERED A SEWER LINE.
 - THE ENTIRE ASSEMBLY SHALL BE INSTALLED USING DUCTILE IRON RESTRAINED MECHANICAL JOINT FITTINGS.
 - UPON APPROVAL OF CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR, THE ABOVE ASSEMBLY MAY BE REPLACED WITH A WELDED STEEL "SPOOL" OF EQUIVALENT DIAMETER, PRIMED AND WRAPPED (10 MILS MIN.) CONNECT TO EXISTING LINES USING MECHANICAL JOINTS. STEEL SPOOL SHALL BE CONSTRUCTED BY A CERTIFIED WELDER AND PRESSURE CHECKED IN ACCORDANCE WITH SPECIFICATIONS.
 - CONCRETE AND REBAR FOR THRUST BLOCKS SHALL NOT INTERFERE WITH THE REMOVAL OF BOLTED ASSEMBLIES.
 - AN AIR-RELEASE WITH A POSITIVE GRADE FROM MAIN TO RELEASE, SHALL BE INSTALLED ON BOTH SIDES OF CROSSING (18 INCHES MINIMUM FROM ANY FITTING) UNLESS OTHERWISE NOTED ON THE APPROVED PLANS. ONE AIR-RELEASE MAY BE USED WITH ONE LINE TO EACH SIDE OF CROSSING. SEE DWG. C-3.1.10 & C-3.2.2 FOR INSTALLATION.
 - LOWERING A WATER MAIN OR "ROPING" UNDER A SEWER LINE REQUIRES APPROVAL BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
Δ	NOTE 1	1/21		CARSON CITY
				DRAWING NO. C-3.1.8 (203,307)
				DATE JAN 2021

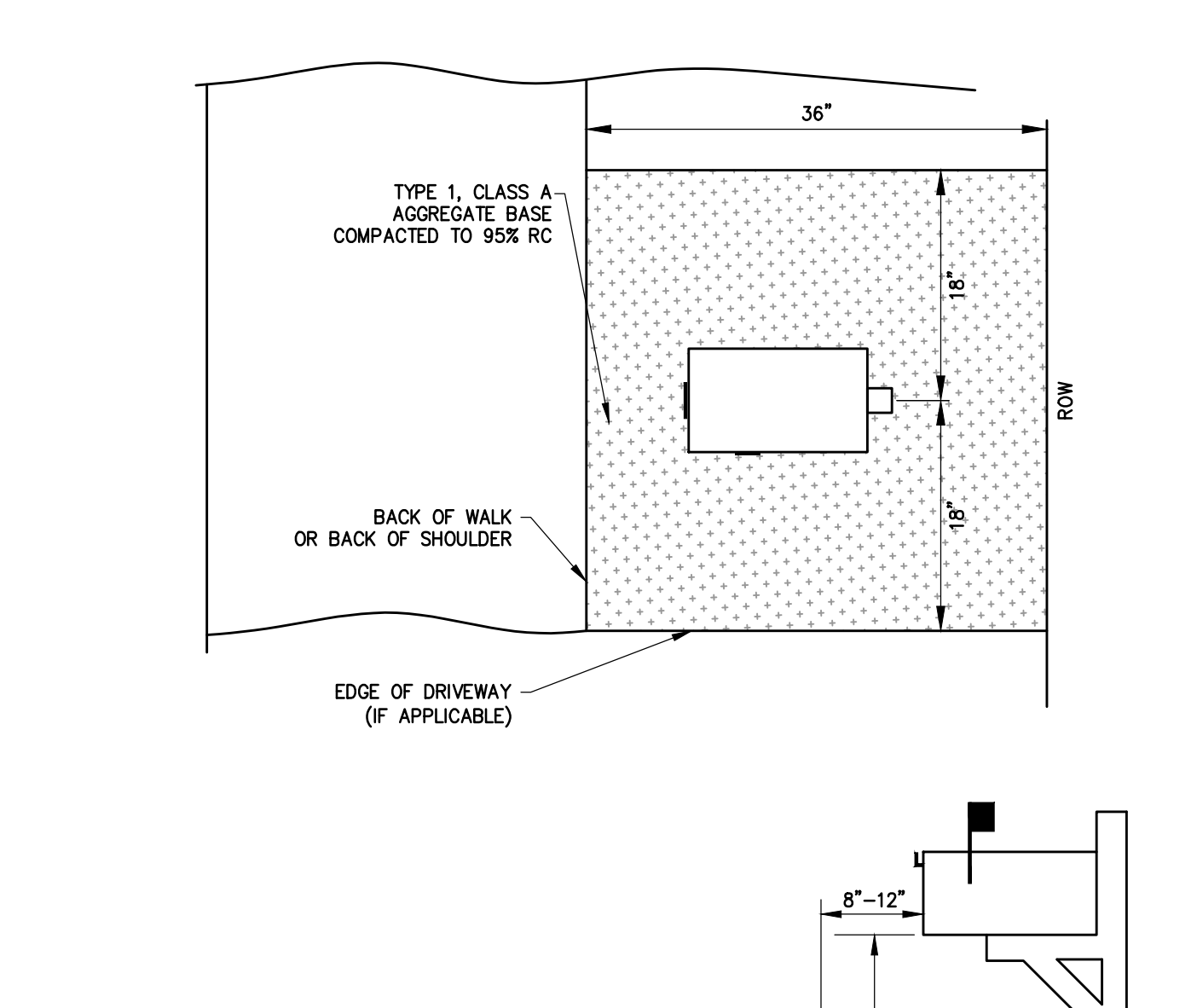


- NOTES:**
- SIZE AND PRESSURE CLASS AS INDICATED ON THE PLANS, SHALL BE DETERMINED BY THE DESIGN ENGINEER. MINIMUM SIZE 3/4 INCH. CORP. BALL VALVE SHALL BE MUELLER B-20013 OR B-2969, OR FORD FB-500-X WITH MALE I.P. THREADS BOTH ENDS OR APPROVED EQUAL. ELBOW COUPLING SHALL BE MUELLER H-1533 FEMALE I.P. THREAD X CTS 110 COMP. OR FORD L14-xx-0 FEMALE I.P. THREAD X QUICK JOINT, W/ TUBING LINER OR APPROVED EQUAL. BALL CURB VALVE SHALL BE MUELLER B-25171N OR FORD B41-xxx-NL FEMALE I.P. X CTS 110 OR APPROVED EQUAL. VALVE SHALL BE EPOXY COATED PER ANSI/AWWA C550
 - AIR RELEASE VALVES SHALL BE INSTALLED OUTSIDE PAVEMENT SECTION. SLOPE GROUND AWAY FROM AIR RELEASE VALVE BOX OR CONSTRUCT MINIMUM HEIGHT CURBING TO PROTECT FROM FLOODING BY SURFACE WATERS.
 - ALL PIPES SHALL HAVE POSITIVE SLOPE FROM MAIN LINE TO AIR RELEASE VALVE.
 - 1 1/2 INCH TO 2 INCH AIR-RELEASE VALVES REQUIRE A CHRISTY FL36 BOX AND COVER OR APPROVED EQUAL.
 - STEEL PIPE PAINT SHALL BE RUST-OLEUM 7400 HIGH GLOSS SAFETY YELLOW ALKYD ENAMEL OR APPROVED EQUAL.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
Δ	EPOXY COATING	1/21		CARSON CITY
				DRAWING NO. C-3.1.10 (203,307)
				DATE JAN 2021



- NOTES:**
- RIPRAP CLASS 150/CLASS 300/400 BEDDING SHALL NOT BE PLACED AROUND MAILBOX.
 - CONTRACTOR TO PLACE TYPE 1, CLASS A AGGREGATE BASE AROUND MAILBOX.
 - AGGREGATE SHALL CONFORM TO SECTION 200 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) TABLE 200.01.03-1



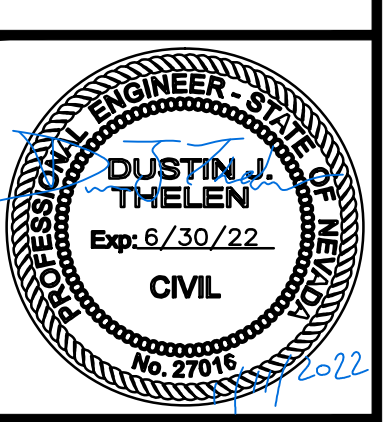
- NOTES:**
- RIPRAP CLASS 150/CLASS 300/400 BEDDING SHALL NOT BE PLACED AROUND MAILBOX.
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 - AGGREGATE SHALL CONFORM TO SECTION 200 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) TABLE 200.01.03-1

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
Δ	NOTE 1	1/21		CARSON CITY
				DRAWING NO. C-3.1.10 (203,307)
				DATE JAN 2021

DESIGNED BY: DJT/MH
DRAWN BY: KUH
CHECKED BY: FH 12/14/21
DWG NO.: d.dwg
SCALE (HORIZ): NTS
SCALE (VERT): NTS
PLOT DATE: 3/28/22

CARSON CITY PUBLIC WORKS DEPARTMENT

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



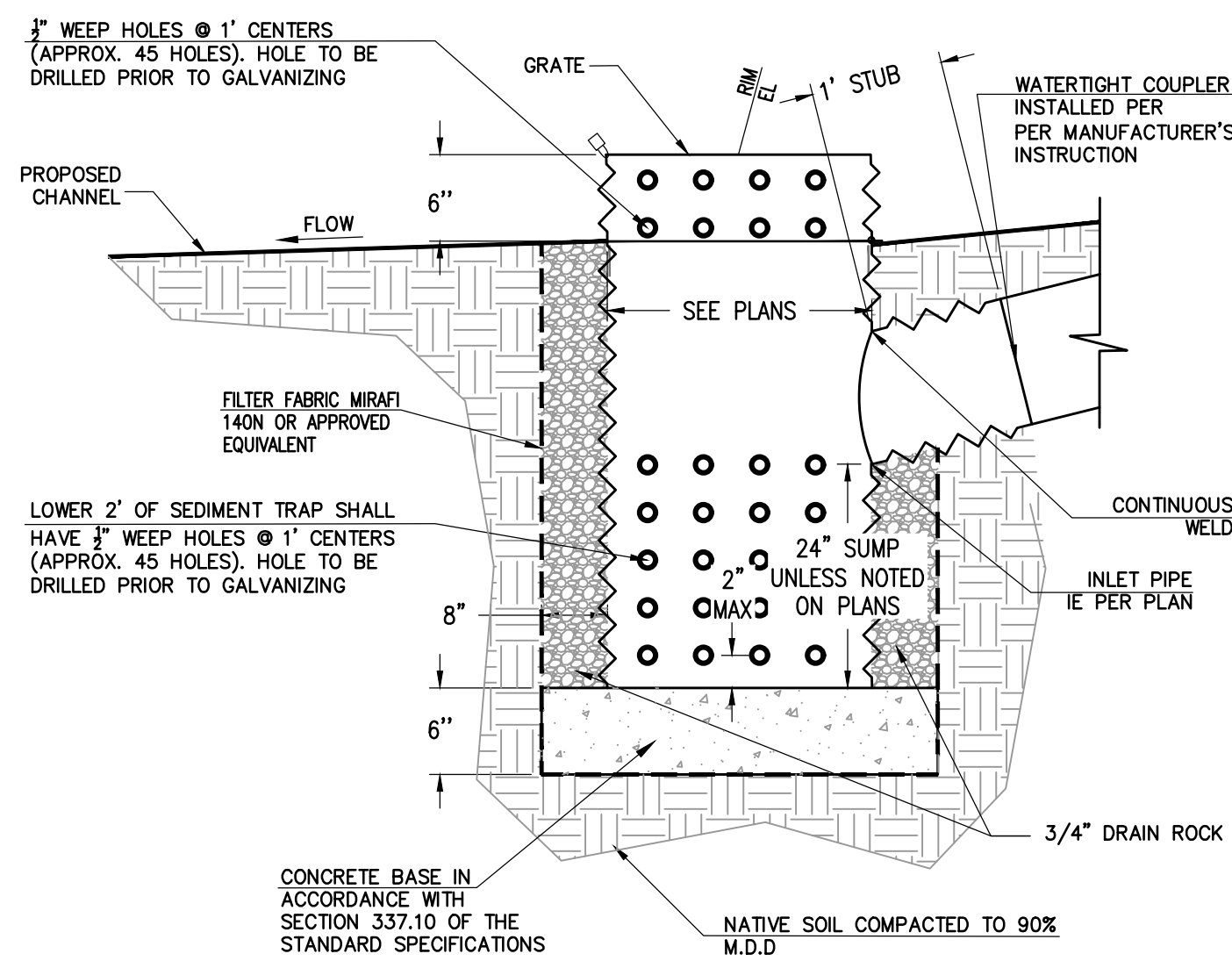
REV.	DATE	DESCRIPTION

CENTER DRIVE REHABILITATION PROJECT
PROJECT No. P303521006

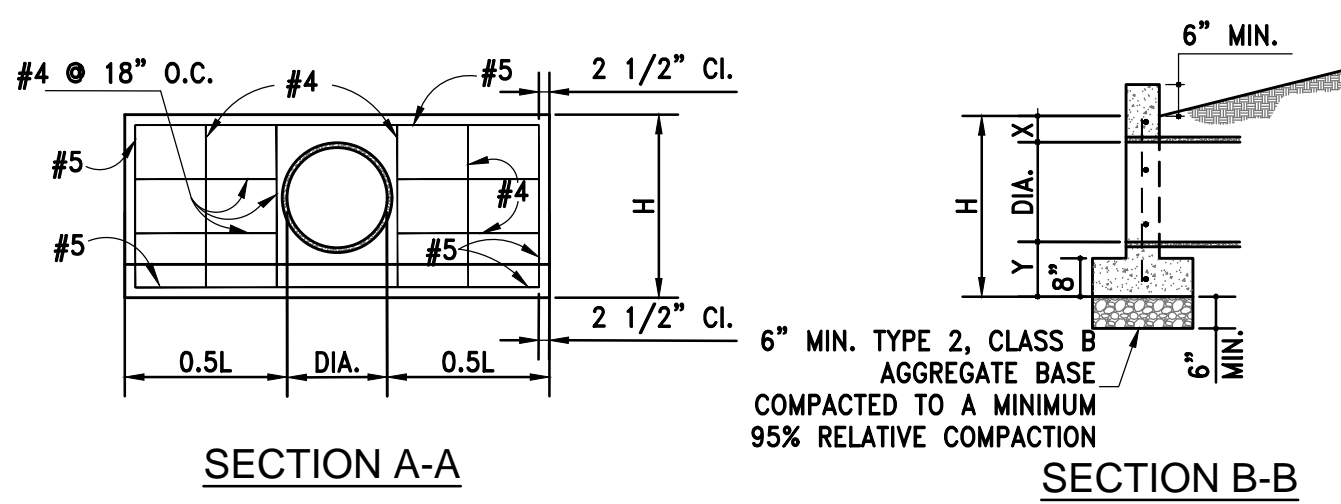
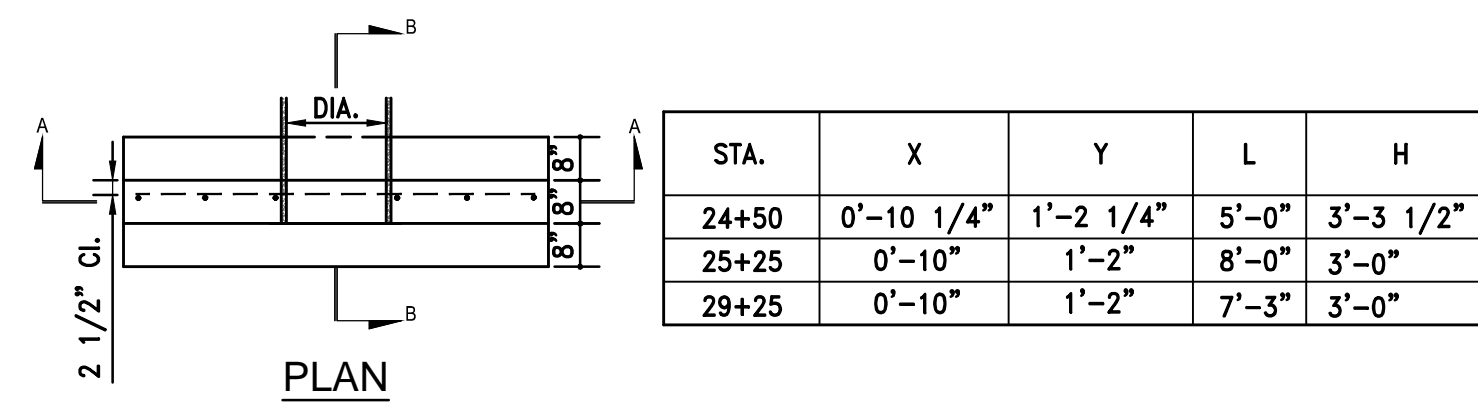
DETAILS

CONFORMED FOR CONSTRUCTION

SHEET **D3** OF **14**

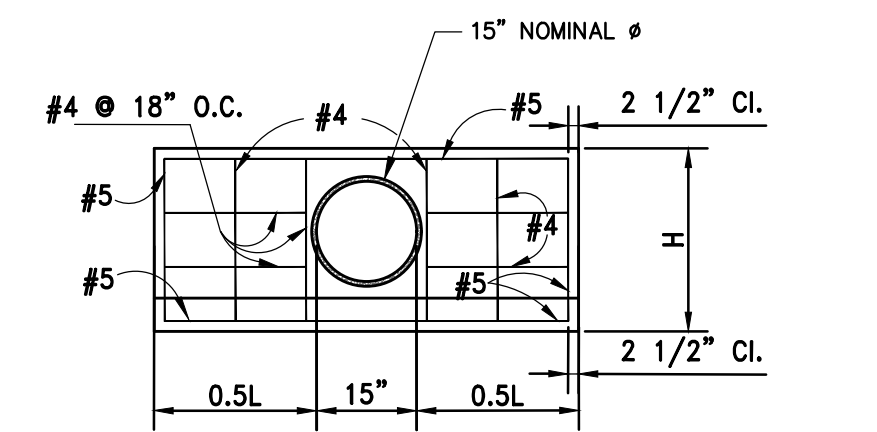


SEDIMENT TRAP 1 D4
NOT TO SCALE

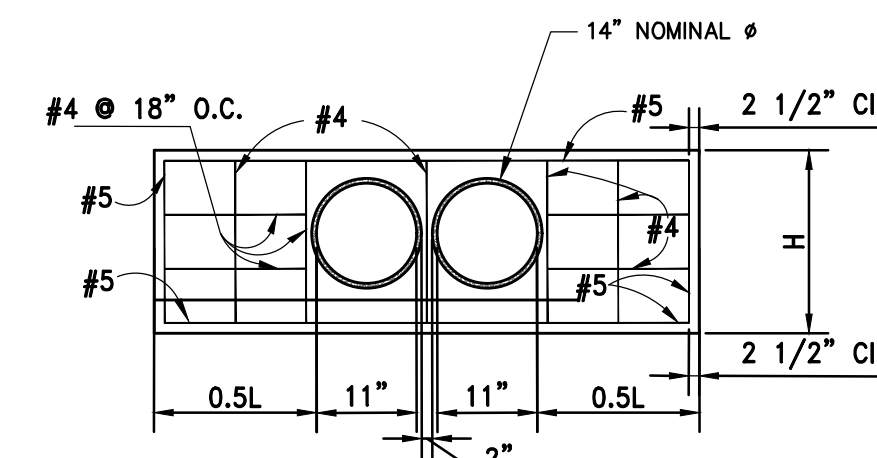


- NOTES:**
- FIBER-REINFORCED PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION (SSPWC). CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE NO. 67. POLYPROPYLENE OR CELLULOSE FIBERS SHALL BE ADDED TO THE P.C.C. AT 1.5 LBS. PER CUBIC YARD. ALL MATERIALS SHALL CONFORM TO SSPWC.
 - REINFORCING STEEL SHALL BE DEFORMED BARS WITH MAXIMUM SPACING OF 18" SET 2 1/2" CLEAR OF SURFACE OF CONCRETE EXCEPT AS NOTED. BAR ENDS SHALL BE KEPT 1 1/2" CLEAR OF SURFACE OF CONCRETE. REINFORCING BARS MAY BE CUT AND BENT IN FIELD.
 - FOOTINGS SHOWN ARE OF MINIMUM DEPTH AND SHALL BE EXTENDED IF SOIL IS UNSUITABLE OR LIABLE TO SCOUR.
 - CULVERT PIPES TO BE SET ON A SKEW SHALL BE MITERED WHEN HEADWALLS ARE CONSTRUCTED.
 - DIMENSIONS X, Y, L, AND H TO REMAIN CONSTANT REGARDLESS OF MINOR VARIATIONS IN WALL THICKNESS DUE TO CLASS OF PIPE USED.
 - SKEWED HEADWALLS, HEADWALLS FOR DOUBLE PIPES OR FOR PIPES GREATER THAN 36" SHALL BE DESIGNED BY A STRUCTURAL ENGINEER AND SUBMITTED TO THE CITY FOR APPROVAL.

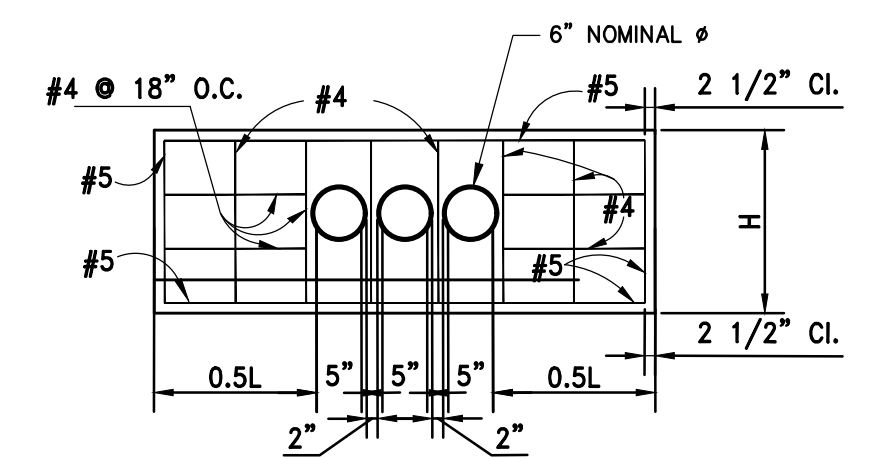
CULVERT HEADWALL 2 D4
NOT TO SCALE



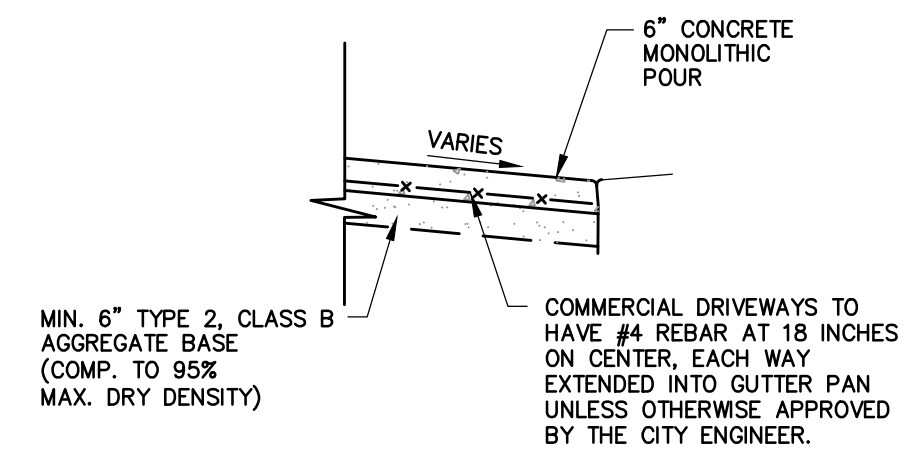
STA 24+50



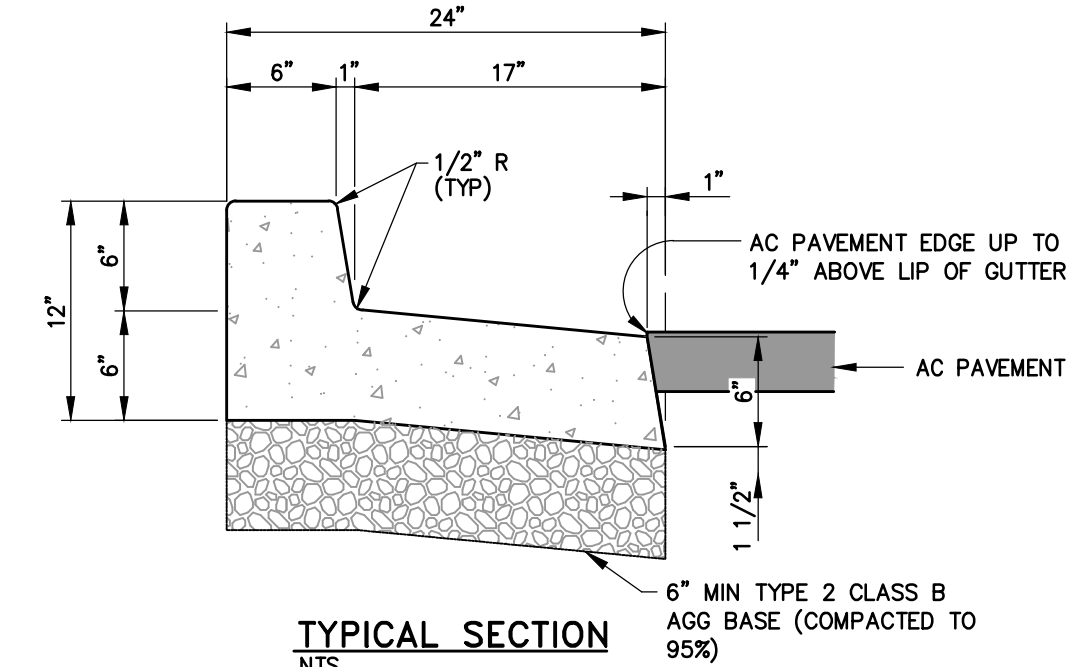
STA 25+25



STA 29+25

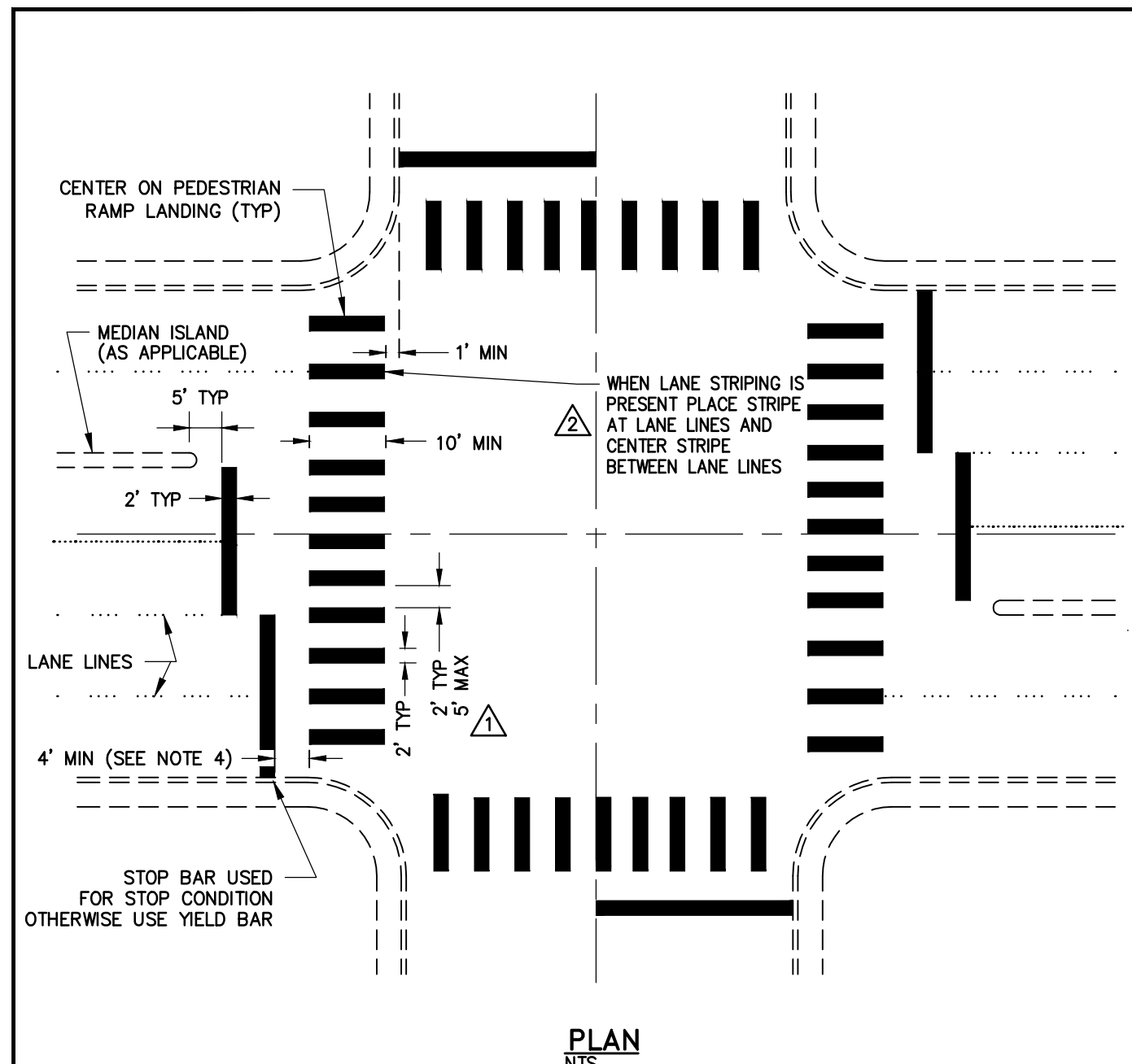


PCC DRIVEWAY TRANSITION 3 D4
NOT TO SCALE



- NOTES:**
PER STD DWG C-5.1.3 (SHEET D1)

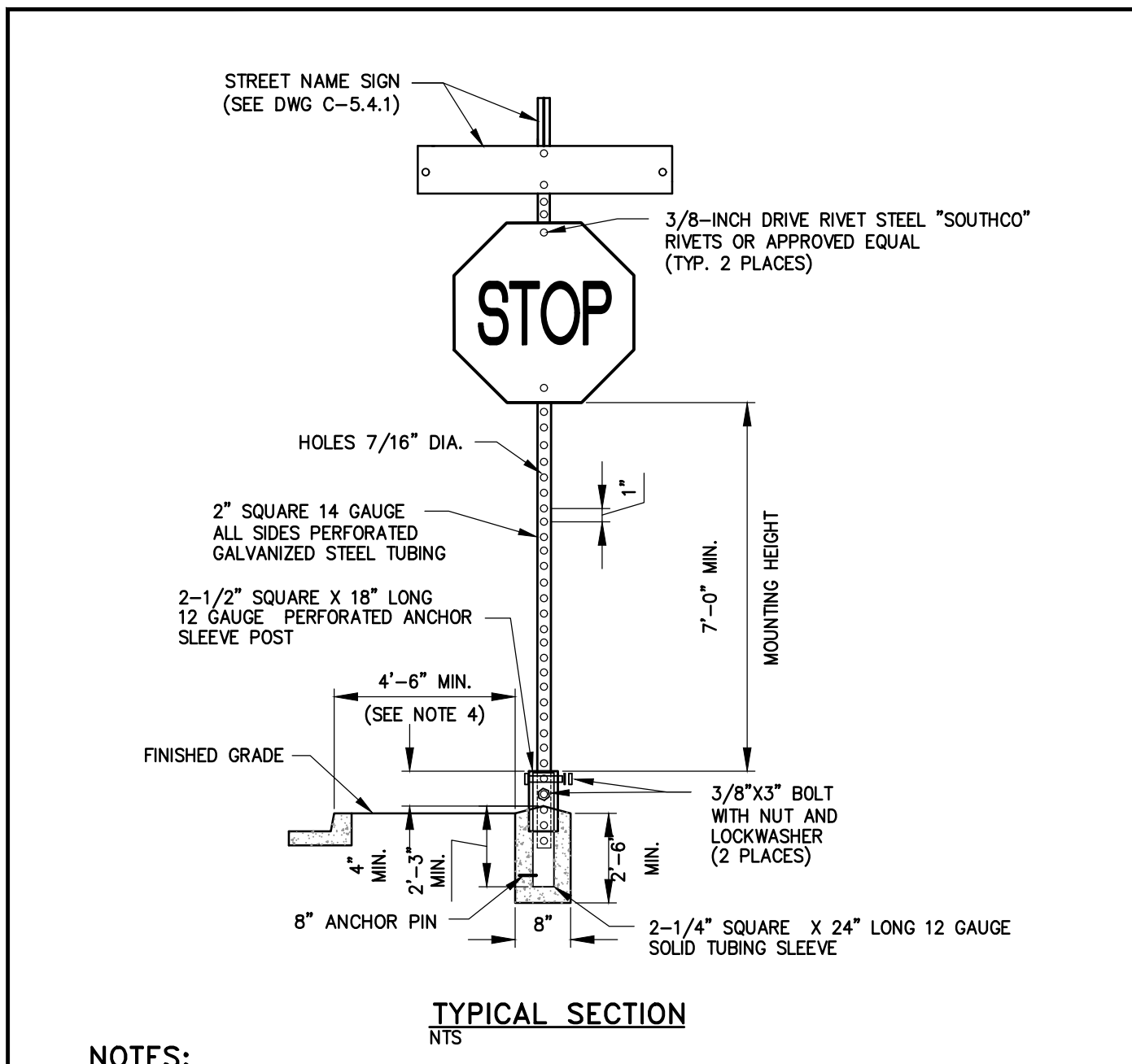
PCC MODIFIED TYPE 1 CURB & GUTTER 4 D4
NOT TO SCALE



- NOTES:**
- ALL STRIPING SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS, CURRENT EDITION.
 - INLAY TAPE STRIPING AND/OR PAVEMENT LEGENDS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
 - CROSSWALK MARKINGS SHALL BE INSTALLED AT ALL TRAFFIC SIGNAL LOCATIONS AND AT OTHER LOCATIONS AS DIRECTED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
 - STOP BARS LOCATED AT A CROSSWALK THAT CROSSES AN UNCONTROLLED MULTI-LANE APPROACH OR AT A MID-BLOCK CROSSING SHALL BE PLACED 40 FEET IN ADVANCE OF THE NEAREST CROSSWALK LINE. PARKING SHALL BE PROHIBITED BETWEEN THE STOP BAR AND THE CROSSWALK.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTE 4	9/17		CARSON CITY
2	CENTER STRIPE	1/21		DRAWING NO. C-5.4.3
APPROVED BY: [Signature]				DATE: JAN 2021

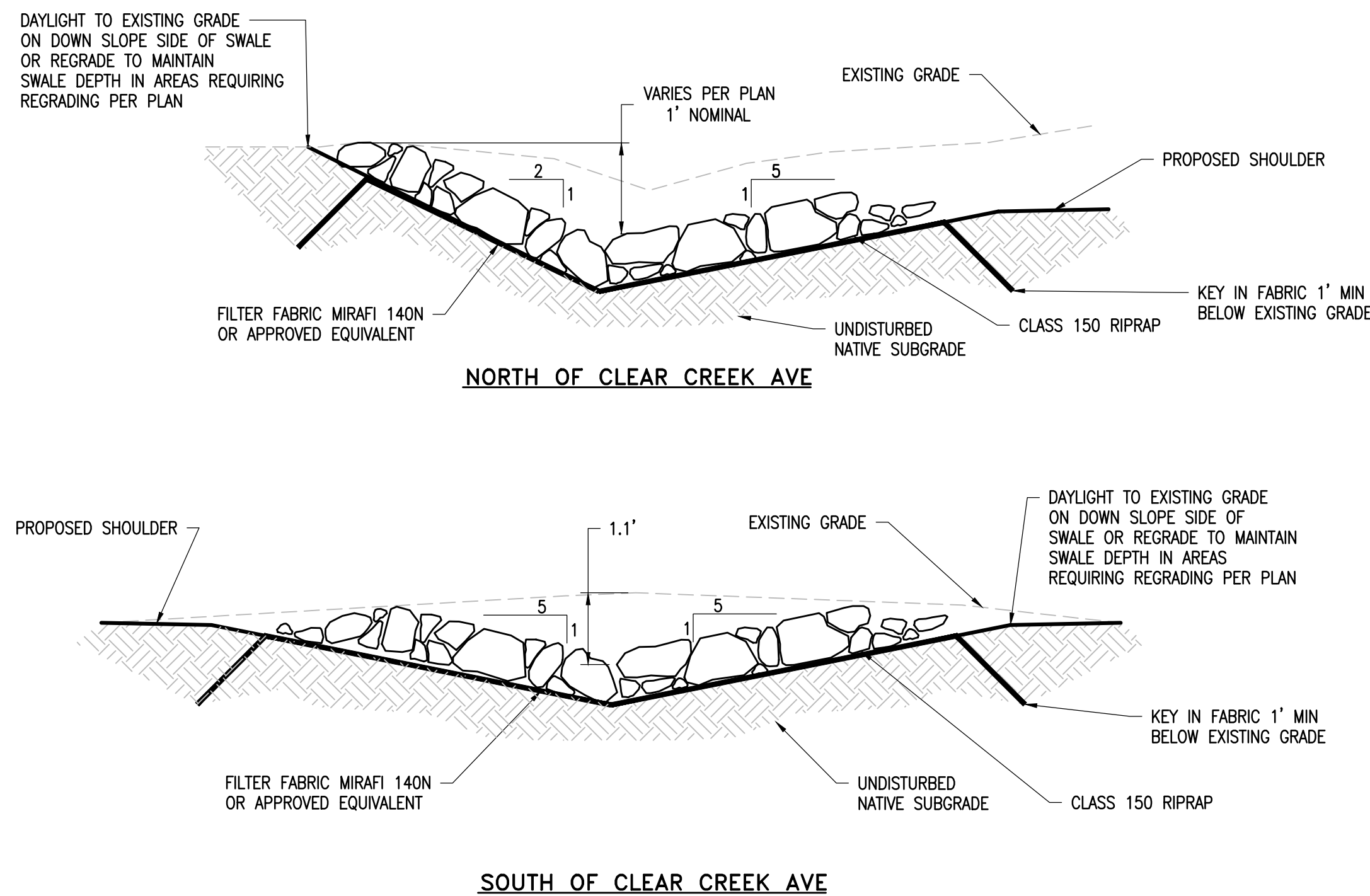
CROSSWALK LEGEND



- NOTES:**
- SIGN MATERIALS, CONSTRUCTION AND PLACEMENT MUST BE IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - STREET NAME SIGN MUST 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 MUST BE LOCATED AT BACK OF SIDEWALK, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
 - ALL REGULATORY SIGNS MUST USE ASTM TYPE 3 OR 4 INTENSITY SHEETING.
 - ALL WARNING SIGNS MUST HAVE BLACK LETTERING ON YELLOW BACKGROUND UNLESS REQUIRED AND APPROVED FOR USE IN SCHOOL ZONE AREAS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTE 6	1/21		CARSON CITY
APPROVED BY: [Signature]				DATE: JAN 2021

TRAFFIC SIGN INSTALLATION

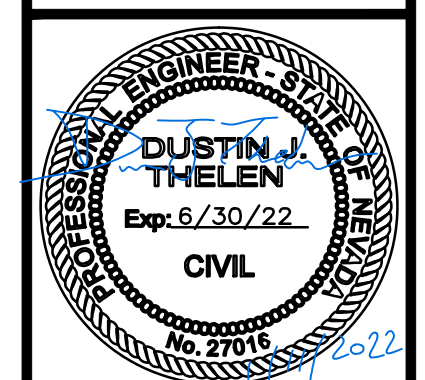


ROCK LINED SWALE 5 D4
NOT TO SCALE

BIKE LANE MARKING 6 D4
NOT TO SCALE

DESIGNED BY: DJT/MH
DRAWN BY: KUH
CHECKED BY: FH 12/14/21
DWG NO.: d.dwg
SCALE (HORIZ): NTS
SCALE (VERT): NTS
PLOT DATE: 3/28/22

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

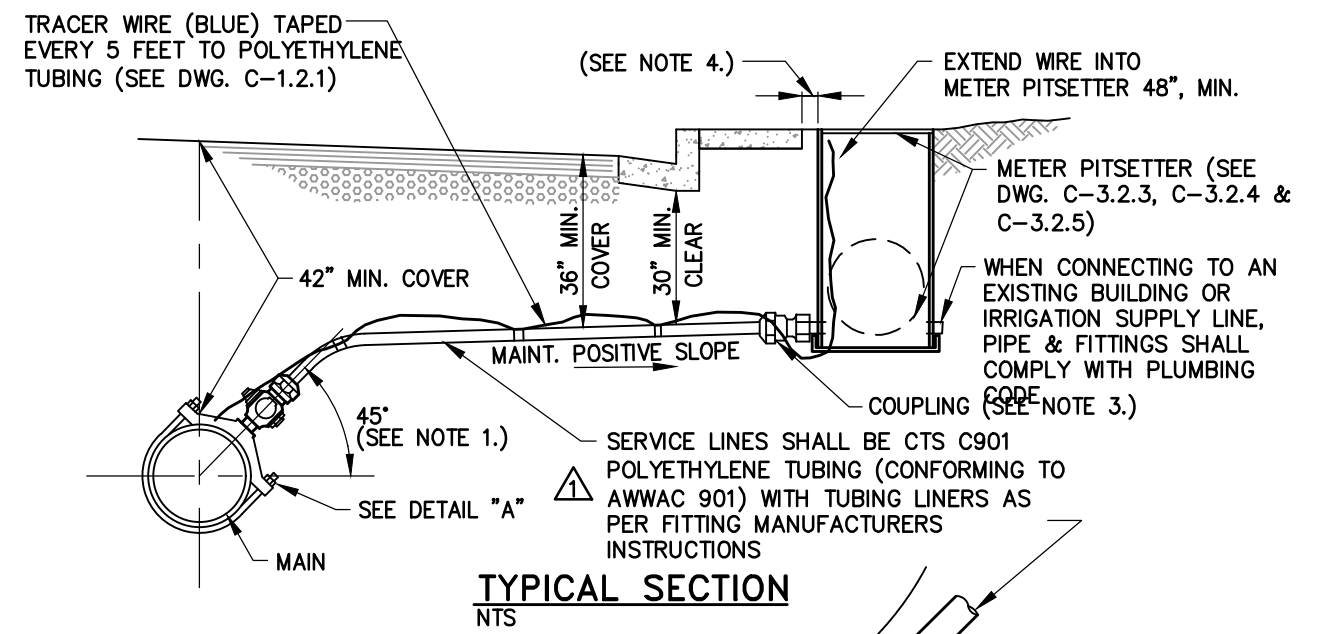


REV.	DATE	DESCRIPTION	BY	APP'D

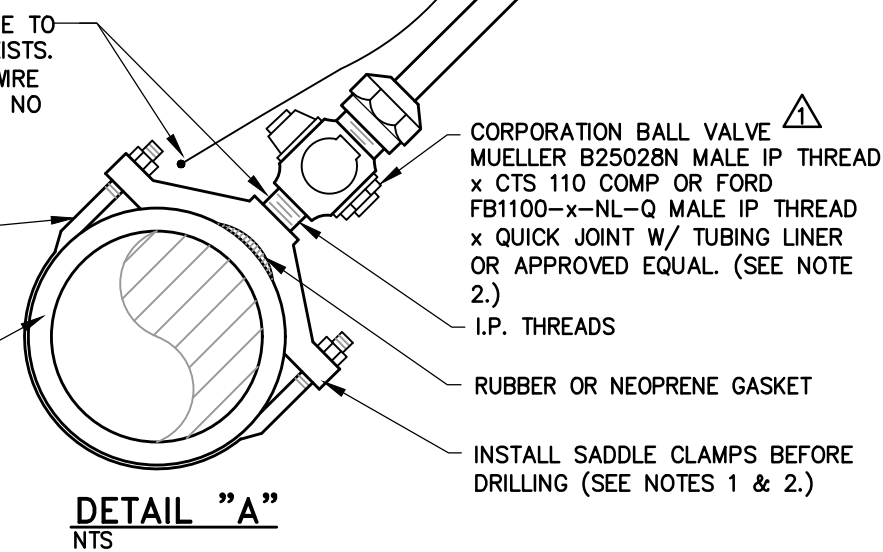
CENTER DRIVE REHABILITATION PROJECT
PROJECT No. P303521006

SHEET **D4** OF **14**

CONFORMED FOR CONSTRUCTION



TYPICAL SECTION

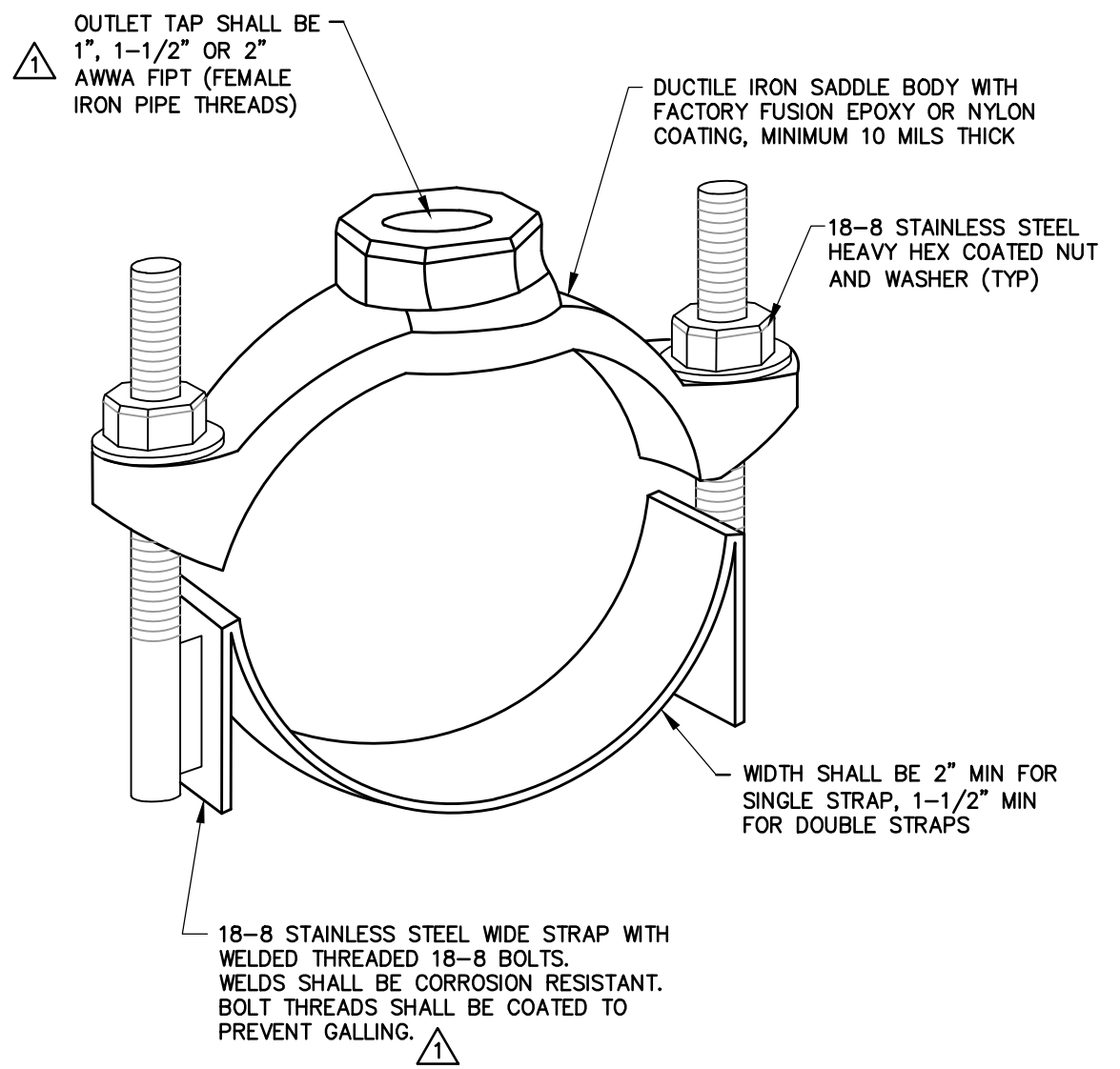


DETAIL "A"

- NOTES:**
1. MINIMUM DISTANCE BETWEEN TAPS AND MAINLINE FITTINGS, INCLUDING BELLS SHALL BE 18 INCHES. TAPPING SADDLE MUST BE AT 45 DEGREE ANGLE, EXCEPTIONS MUST BE APPROVED BY CARSON CITY WATER UTILITY.
 2. CORPORATION VALVES AND SERVICE SADDLES SHALL CONFORM TO AWWA C800, NSF61, NSF 372 AND BE NO LESS THAN THE SERVICE LINE SIZE. WHEN REPLACING AN EXISTING SERVICE LINE AND A SIZE LARGER THAN SHOWN IS ENCOUNTERED, THE LARGER SIZE LINE, FITTINGS AND SADDLE SHALL BE INSTALLED UNLESS APPROVED BY CARSON CITY WATER UTILITY.
 3. COUPLING FITTING SHALL CONFORM TO AWWA C800 AND BE A MUELLER H-15451 CTS 110 COMP OR FORD C14-xx-NL-Q QUICK JOINT W/ TUBING LINER x FEMALE IP THREAD OR APPROVED EQUAL.
 4. METER PITSETTERS TO BE PLACED 4 INCHES FROM BACK OF SIDEWALK IN AREAS WHERE SIDEWALK IS ADJACENT TO CURB, OR 6 INCHES FROM BACK OF CURB IN AREAS WHERE SIDEWALK IS OFFSET FROM CURB, OR AS DIRECTED BY CARSON CITY WATER UTILITY. IN AREAS WHERE NO CURB OR SIDEWALK IS PRESENT, METER PITSETTERS SHALL BE PLACED WITHIN THE RIGHT-OF-WAY AS SHOWN ON THE APPROVED PLANS.
 5. DISCONTINUANCE OF USE OF A SERVICE REQUIRES ABANDONMENT OF THE SERVICE. NOTIFY CARSON CITY PUBLIC WORKS FOR METER REMOVAL PRIOR TO PROCEEDING WITH ABANDONMENT. REMOVE EXISTING METER BOX AND EXPOSE CORP STOP AT MAIN FOR SHUT-OFF. ALL PIPING OR TUBING SHALL BE DISCONNECTED FROM CORP STOP AND PLUGGED AT BOTH ENDS. CARSON CITY PUBLIC WORKS SHALL BE NOTIFIED FOR INSPECTION OF CORP STOP ASSEMBLY PRIOR TO BACKFILLING.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
Δ	MISC	9/17		CARSON CITY
				DRAWING NO. C-3.2.1 (203,307)
				DATE SEP 2017

1" TO 2" WATER SERVICE



SERVICE SADDLE DETAIL

- NOTES:**
1. SERVICE SADDLES FOR 1 INCH, 1-1/2 INCH & 2 INCH TAPS SHALL CONFORM TO AWWA C800 WITH A MINIMUM WORKING PRESSURE OF 150 PSI, UNLESS A HIGHER PRESSURE IS SPECIFIED, AND BE MANUFACTURED BY FORD, MUELLER, ROMAC, SMITH-BLAIR OR APPROVED EQUAL. (SEE DWG. C-3.2.1 FOR ADDITIONAL NOTES AND DETAILS.) POTABLE SERVICE SADDLES SHALL BE LOW LEAD CONTENT AND IN COMPLIANCE WITH NSF61 AND NSF 372.
 2. SERVICE SADDLES SHALL BE FACTORY COATED DUCTILE IRON (ASTM A395 OR A536) WITH TYPE 18-8 STAINLESS STEEL (304 OR 304L) STRAP(S), BOLTS, NUTS, & WASHERS. ALL STAINLESS STEEL SHALL BE FULLY PASSIVATED.

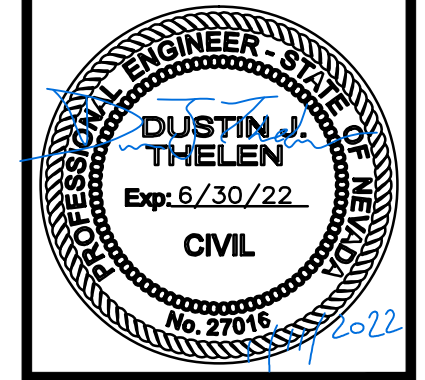
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
Δ	NOTE 1	9/17		CARSON CITY
				DRAWING NO. C-3.2.2 (203, 307)
				DATE SEP 2017

1" TO 2" SERVICE SADDLE

DESIGNED BY: DJT,MMH
 DRAWN BY: KJH
 CHECKED BY: FH 12/14/21
 DWG NO.: d.dwg
 SCALE (HORIZ): NTS
 SCALE (VERT): NTS
 PLOT DATE: 3/28/22

CARSON CITY DEPARTMENT
PUBLIC WORKS DEPARTMENT

3505 BUTTI WAY CARSON CITY, NEVADA 89701
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REV.	DATE	DESCRIPTION	BY	APP'D

CENTER DRIVE REHABILITATION PROJECT
PROJECT No. P303521006

DETAILS

CONFORMED FOR CONSTRUCTION