CENTER DRIVE REHABILITATION PROJECT

BOARD OF SUPERVISORS

Lori Bagwell Stacey Giomi Maurice White Stan Jones Lisa Schuette Aubrey Rowlatt

Mayor Supervisor Supervisor Supervisor Supervisor City Clerk

DESIGNED FOR:

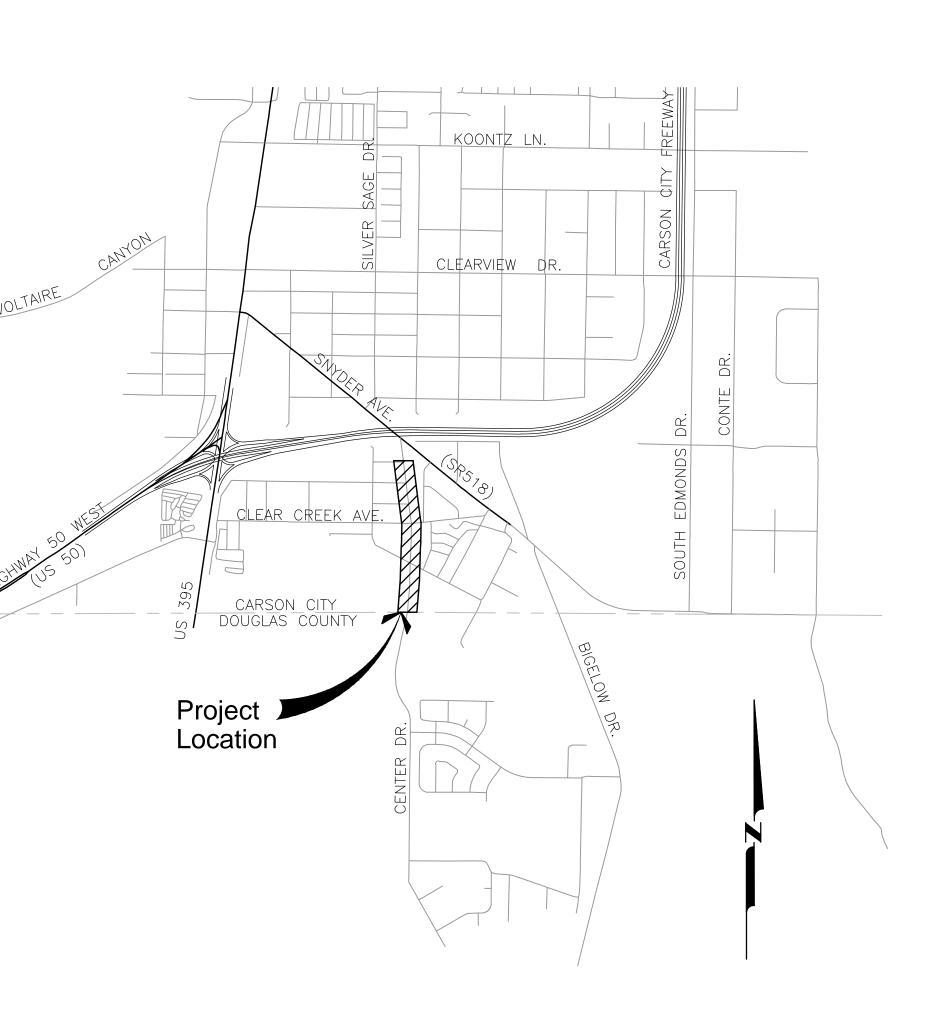
CARSON CITY PUBLIC WORKS DEPARTMENT OPERATIONS DIVISION 3505 BUTTI WAY CARSON CITY, NV 89701 887–2355

DESIGN ENGINEER:

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

:tive Projects\Carson City - 953\953.07.25 - Center Drive Rehabilitation Project\CAD\Sheets\G.dwg, dthelen; 3/2

CARSON CITY, NEVADA PROJECT NO. P303521006



	LITLE SHEET	Call before y Avoid cutting um utility lines. It's Ca OR 1-800-227-		D3 DETAILS D4 DETAILS D5 DETAILS	D1 DETAILS D2 DETAILS	S1 CENTER DR. STRIPING PLAN STA: 20100 10 33+00 S2 CENTER DR. STRIPING PLAN STA: 23+00 TO 33+00	C3	C1 CENTER DR. PLAN & PROFILE STA: 10+00 TO 14+ C2 CENTER DR. PLAN & PROFILE STA: 14+00 TO 18+	G1	SHEET INDEX	ECT
CENTER DRIVE REV. DATE DESCRIPTION BY APP'D CENTER DRIVE REV. DATE DESCRIPTION BY APP'D DESCRIPTION DES		G 1				27016 1015 1015 1015 1015 1015 1015 1015 1	850	HI SE	ñ	.'	0.: <u>9.dwg</u> (HORIZ): <u>NTS</u> (VERT): <u>NTS</u> DATE: 3/28/2

VICINITY	MAP	
N.T.S.		

GENERAL NOTES		LEGEND
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.	EXISTING	PROPOSED
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 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.		BM#
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.		<u> </u>
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.	WV V V V	
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 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.		
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	W	
THE CONTRACTORS EXPENSE.7. 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) 		ARV
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).	PVT- W	
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. POTHOLING IS REQUIRED. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES BETWEEN THE	(s)	S
CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THE CONSTRUCTION DRAWINGS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.	€ ^(2%)	< ^{2%}
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 CONTRACTOR'S 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.	T	
BASIS OF BEARING AND COORDINATES:	TYPE	TYPE
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 RECIEVED 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.	(3220)	322)
"CC067" STATE PLANE GROUND COORDINATES, NV WEST ZONE N — 14718808.68	裕 ※ 》	
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)		
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	xx	
	S	
	PVT- SS-	
		CO
		\S
	(SD)	SD
		СВ

ABBREVIATIONS

NOT ALL ABBREVIATIONS LISTED ARE USED IN THESE PLANS

		NOT ALL ABBREVIATIONS LISTED ARE U	ISED IN THESE PL	ANS
	AB	_ AGGREGATE BASE	MFGR	_ MANUFACTURER
	AC	_ ASPHALT CONCRETE	МН	_ MANHOLE
BENCH MARK	©	_ AT	MAX	_ MAXIMUM
	AGG	_ AGGREGATE	MDD	_ MAXIMUM DRY DENSITY
	APPROX	_ APPROXIMATE	MJ	_ MECHANICAL JOINT
	ASS'Y	_ ASSEMBLY	MI	_ MILE
PROPERTY LINE	AVG	_ AVERAGE	MIN	
			MISC	_ MISCELLANEOUS
	BC	_ BEGIN CURVE	MVC	_ MIDDLE OF VERTICAL CURVE
EASEMENT LINE		_ BEST MANAGEMENT PRACTICES		
		BACK OF WALK	Ν	_ NORTH
		BOTTOM OF WALL	NIC	_ NOT IN CONTRACT
WATER VALVE		_ BEGIN VERTICAL CURVE		_ NOT TO SCALE
	Dv0		# OR NO	_ NUMBER
WATER METER		_ CURB AND GUTTER	OC	_ ON CENTER
	СВ			_ ORIGINAL GRADE
	CF		OHP	_ OVERHEAD POWER
FIRE HYDRANT	CL			
	CLR	_ CLEAR	+	_ PLUS OR MINUS
	CO			_ PORTLAND CEMENT CONCRETE OR
WATER LINE			100	POINT OF COMPOUND CURVE
	CONC		PF	_ PERMANENT EASEMENT
	CONST			_ PROPERTY LINE
AIR RELEASE VALVE		_ CONTROL POINT		_ POINT OF REVERSE CURVE
	CY	_ CUBIC YARD		_ POUNDS PER SQUARE INCH
			PT	
AIR RELEASE VALVE TUBING	• OR DEG	DEGREE(S)		_ PERMISSION TO CONSTRUCT
	DI	• •		_ PUBLIC UTILITY EASEMENT
	Ø OR DIA			_ POLYVINYL CHLORIDE
PRIVATE WATER LINE	DWG			_ POINT OF VERTICAL INTERSECTION
	DW OR DWY	_	PVMT	
		-		
	E	_ EAST	D	
SANITARY SEWER MANHOLE	EA	_ EACH	R	
	EASE	_ EASEMENT		
		_ END OF CURVE	RT,R	
DIRECTION OF DRAINAGE FLOW	EG	_ EXISTING GRADE	R/W, ROW	_ RIGHT-OF-WAY
	ELEC			
		_ EDGE OF PAVEMENT	s	_ SLOPE, SOUTH
	EL	_ ELEVATION	SCH	
EDGE OF AGG BASE SHOULDER		_ END OF VERTICAL CURVE		_ STORM DRAIN
	EXIST	_ EXISTING	SDDI	_ STORM DRAIN DROP INLET
			SDMH	_ STORM DRAIN MANHOLE
DRAINAGE SWALE				_ SQUARE FOOT/FEET
		_ FIRE HYDRANT	SHT	
		_ FINISH GRADE		_ SANITARY SEWER MANHOLE
TELEPHONE MANHOLE		_ FRONT FACE CURB		_ SANITARY SEWER CLEAN OUT
		_ FLARED END SECTION		_ SANITARY SEWER, STAINLESS STEEL
	FL		STA	
SIGN	FLG		STD	
51611	FT OR '	_ FOOI, FEEI	SY	_ SQUARE YARD
	G		TBC	_ TOP BACK OF CURB
CONTOUR LINES	GV		TC	_ TOP OF CURB
	GB	_ GRADE BREAK	TCE	_ TEMPORARY CONSTRUCTION EASEMENT
			TW	_ TOP OF WALL
TREES	HP	_ HIGH POINT	TYP	_ TYPICAL
	HOR			
		_ HOT MIXED ASPHALT CONCRETE	UGE	_ UNDERGROUND ELECTRIC
SHRUB			UGT	_ UNDERGROUND TELEPHONE
	IE	_ INVERT ELEVATION	U/G	_ UNDERGROUND
	ID	_ INSIDE DIAMETER		
PCC CURB & GUTTER TYPE 1	IN OR "			_ VERTICAL CURVE
		_ INTERSECTION	VG	_ VALLEY GUTTER
	IRR	_ IRRIGATION		
AC PAVEMENT			W	
	LT,L	_ LEFT	WL	
	LEN		W	
AC FIBER REINFORCED	LF		W/	
		LIP OF GUTTER	WM	_ WATER METER
	LP	LOW POINT		
PCC PAVEMENT				

FENCE LINE

SAWCUT

_____ SANITARY SEWER PIPE

PRIVATE SANITARY SEWER PIPE

STORM DRAIN PIPE

SANITARY SEWER CLEANOUT

SEWER SERVICE

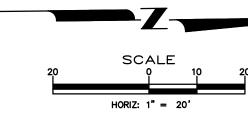
CATCH BASIN TYPE 4R

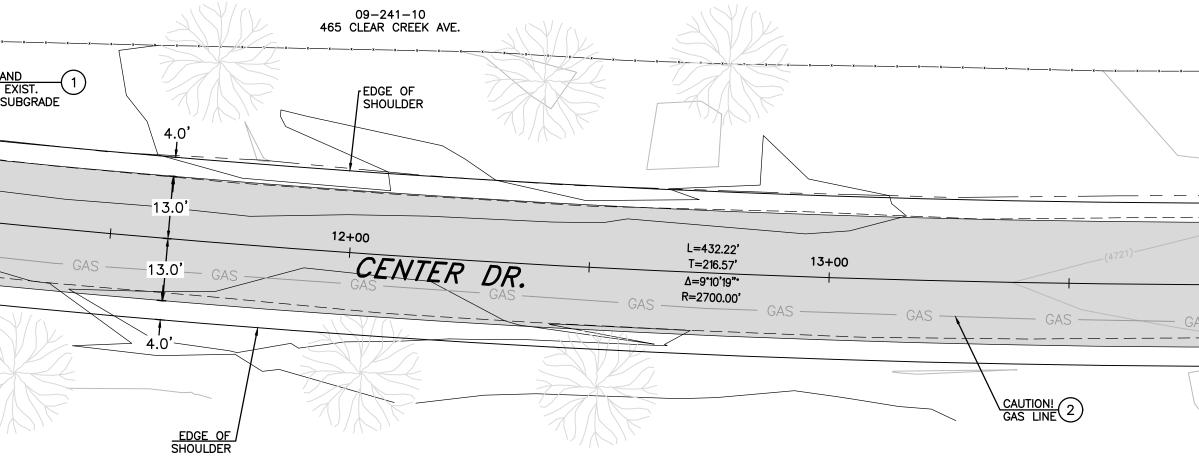
STORM DRAIN MANHOLE

SEDIMENT TRAP

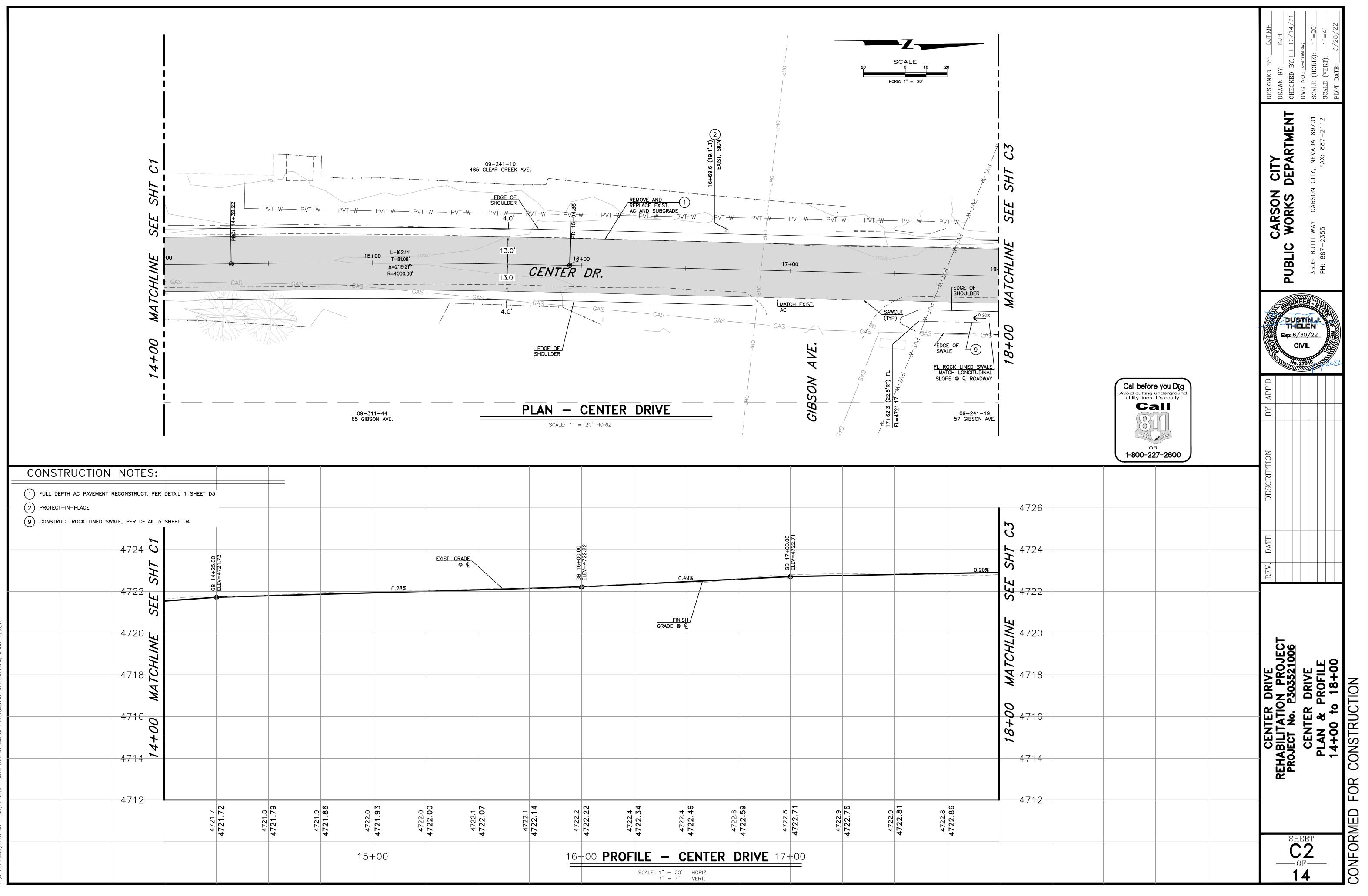
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Call before you Dig Avoid cutting underground utility lines. It's costly. Call Opping or 1-800-227-2600		BIKE LANE MARKING PER DETAIL 6 SHEET D4	EXIST. PRIVATE 6" WATER, COORDINATE WITH OWNER TO VERTICALLY OFFSET UNDER 30"SD, AND LOCATE AIR RELEASE VALVE. INTERSECTION STRIPING PER STD DWG C-5.4.3	FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 3 SHEET D3 PROTECT TREE & PERFORM ROOT MITIGATION AS DIRECTED BY ARBORIST 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 PLACE AIR RELEASE VALVE, PER STD DWG C-3.1.10	MILL AND REPLACE 3" EXIST. AC REMOVE, SALVAGE & RELOCATE EXISTING WOOD FENCING CONSTRUCT PCC MODIFIED TYPE 1 CURB & GUTTER, PER DETAIL 4 SHEET D4	PLACE PAVEMENT PATCH, PER STD DWG C-5.1.6 REMOVE EXISTING STORMDRAIN MANHOLE, REMOVE EXISTING 15" RCP STORM DRAIN	INSTALL SEDIMENT TRAP, PER DETAIL 1 SHEET D4 INSTALL HDPE STORMDRAIN PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN) CONSTRUCT PCC DRIVEWAY TRANSITION, PER DETAIL 3 SHEET D4	REMOVE EXISTING TREE REMOVE EXISTING SANITARY SEWER MANHOLE INSTALL SEWER/STORMDRAIN MANHOLE TYPE 1, PER STD DWG C-2.1.3 (SIZE PER PLAN)	ADJUST EXISTING WATER VALVE BOX & COVER TO NEW FINISH GRADE, PER STD DWG C-3.1.6 ADJUST EXISTING WATER METER BOX & COVER TO NEW FINISH GRADE	CONSTRUCT PCC DRIVEWAY APRON, PER STD DWG C-5.2.3 (WIDTH PER PLAN) REMOVE AND RESET MAILBOX, PER DETAIL 4 SHEET D3	REMOVE AND RESET TRAFFIC SIGN, PER STD DWG C-5.4.2 INSTALL 4" SDR35 PVC SEWER LATERAL, PER STD DWG C-2.2.1 INSTALL 4" SEWER CLEANOUT, PER STD DWG C-2.2.3	INSTALL SDR35 PVC SEWER PIPE, PER STD DWG C-1.2.1 (SIZE PER PLAN) ADJUST EXISTING WATER CROSSING NEW UTILITY, PER STD DWG C-3.1.8	CONSTRUCT PCC TYPE A SIDEWALK, PER STD DWG C-5.2.2 INSTALL STORMDRAIN HEADWALL, PER DETAIL 2 SHEET D4 CONSTRUCT ROCK LINED SWALE, PER DETAIL 5 SHEET D4	FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 2 SHEET D3 CONSTRUCT PARALLEL CURB RAMP APEX, PER STD DWG C-5.3.5 CONSTRUCT PCC LAID-DOWN CURB & GUTTER, PER STD DWG C-5.1.3	FULL DEPTH AC PAVEMENT RECONSTRUCT, PER DETAIL 1 SHEET D3 PROTECT-IN-PLACE ADJUST EXISTING MANHOLE FRAME & COVER TO NEW FINISH GRADE, PER STD DWG C-2.1.5	CONSTRUCTION NOTES
SHEET G2 OF 14	CENTER DRIVE REHABILITATION PROJECT PROJECT No. P303521006 NOTES, LEGEND, AND ABBREVIATIONS	REV	DATE	DESCRIPTION	NOI	BY AP	Мо. 27016 27016 1022 1022 1022 1022 1022 1022 1022 1	DUSTIN J. TO THELEN Exp: 6/30/22 CIVIL	STENGINEER - 674	7505 B PH: 88	LIC WORKS BUTTI WAY CARSON 387-2355	SON C RKS DI CARSON CI	I CITY DEPARTMENT N CITY, NEVADA 89701 FAX: 887-2112	dENT 89701 -2112	DESIGNED BY: DRAWN BY: CHECKED BY: <u>F</u> DWG NO.:daug SCALE (HORIZ) SCALE (VERT): PLOT DATE:	: DJT,MH KJH FH 12/14/21): NTS : NTS : 3/28/22

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	SAWCUT (TYP) 10+00 10.0'		(4720))	REMOVE AND REPLACE EXIST. AC AND SUBGRADE	1 4.0'	EDGE SHOL	OF LDER			(- xxxxxxxxx
		GAS	GAS	11+00 GAS	GAS	GAS	I2+00 GAS GAS -	NTER DR.		L=432.22' T=216.57' 13+ Δ=9°10'19"• R=2700.00' GAS	-00 GAS	(4721)
	TAPER_PAVEMENT./ MATCH_EXIST.					4.0'	OF ER					CAUTION! 2
	DOUGLAS COUNTY CARSON CITY					PLA	09–311–44 65 GIBSON AVE.	R DRIVE				
CONSTRUCTION NOT												
- 2 PROTECT-IN-PLACE	4724											
	4722 <u>96:00</u> 4722 <u>4719:96</u>							GB 12+25.00 ELEV=4720.27	FINISH RADE © ©		0.73%	
HEETS.dwg, dthelen: 3/28/22	88 4720 ↔ 4718				0.13% EXISTG							
ion Project\CAD\Sheets\C-SI	4716											
5 - Center Drive Rehabilitati	4714											
Carson City - 953\953.07.2	4712	4720.0 4720.01	4720.1 4720.07	4720.1 4720.13 4720.21 4720.21	4720.3 4720.27	4720.3 4720.27	4720.22 4720.22 4720.22 4720.22	4720.3 4720.29	4720.4 4720.36	4720.50 4720.50 4720.7	4720.65 4720.8 4720.82	4721.2 4721.15 4721.4 4721.4
ive Projects				11+0	0		12+00			13-	+00	

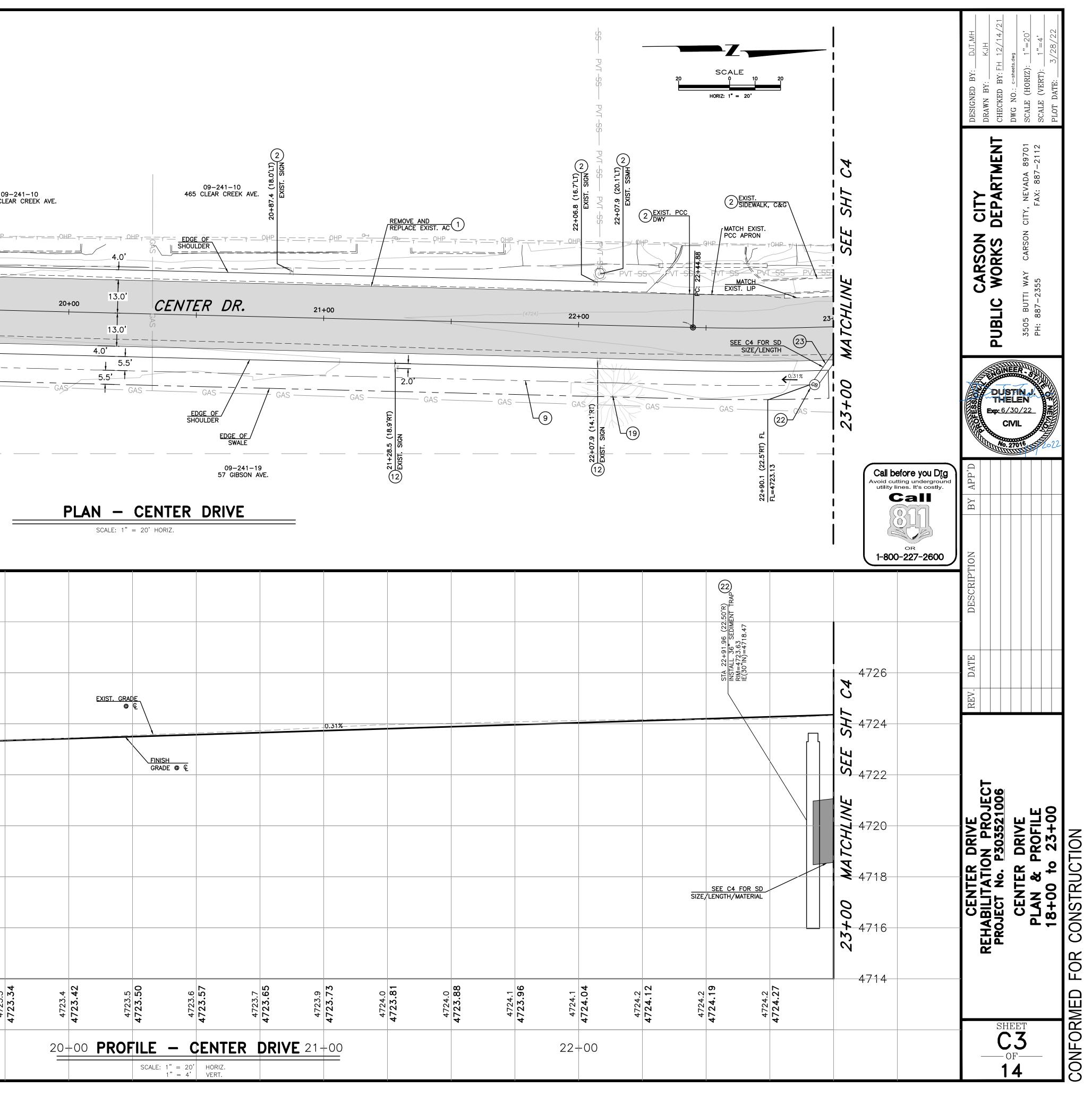


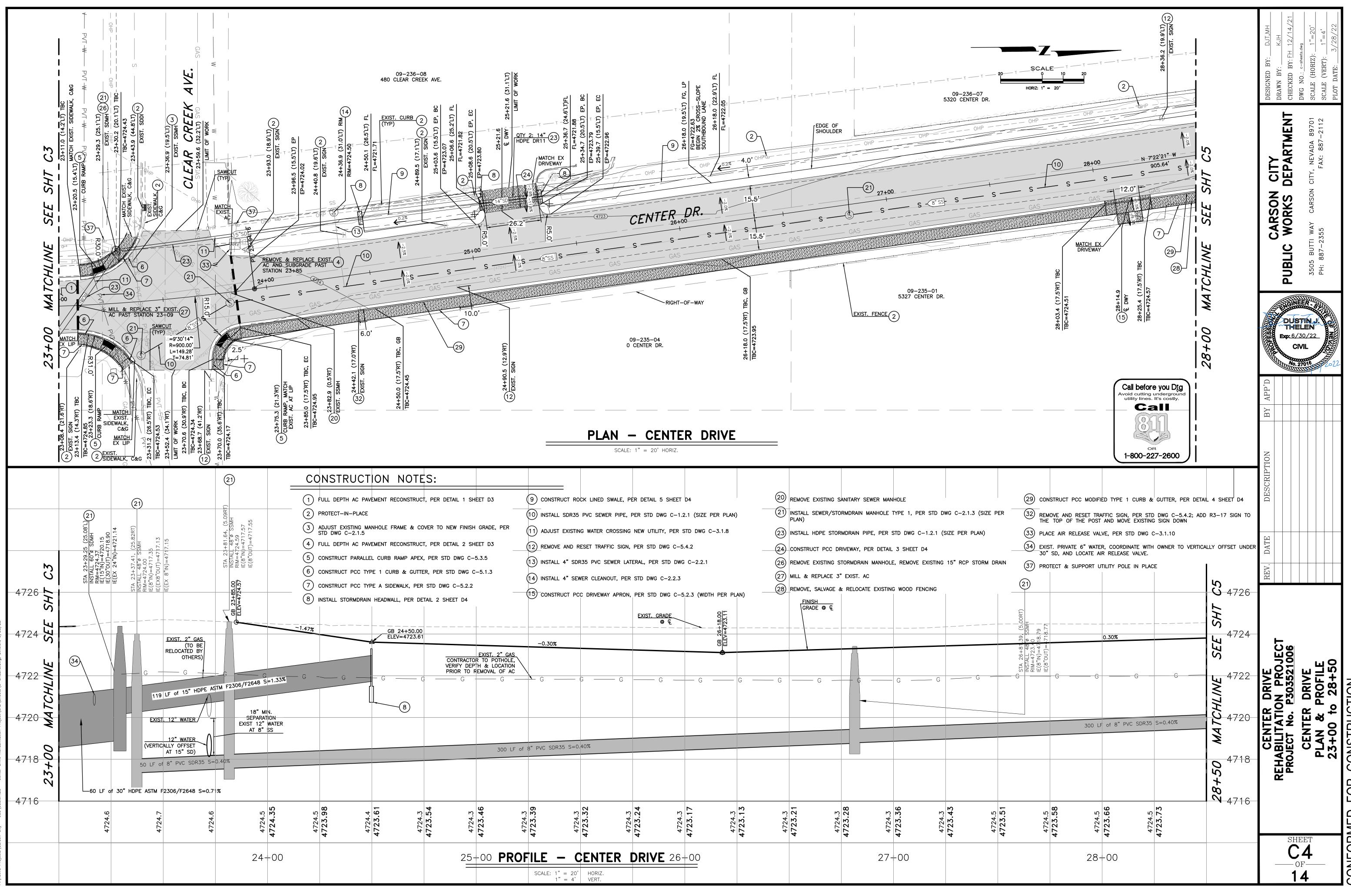


47	4721.41					
	 CJ 4722 S 4720 A710 A716 A714 4714 4712 	4724 S		14+00 A	MATCHLINE SEE SHT C2	
			efore you Dig titing underground tines. It's costly. Call OF OR 0-227-2600			
C	CENTER DRIVE REHABILITATION PROJECT PROJECT No. P303521006	REV. DATE DESC	ESCRIPTION BY APP'D		CARSON CITY PUBLIC WORKS DEPARTMENT	
EET 1 F 4	CENTER DRIVE PLAN & PROFILE 10+00 to 14+00			ILEN BILL 30/22 VIL	3505 BUTTI WAY CARSON CITY, NEVADA 89701 PH: 887–2355 FAX: 887–2112	DWG NO.: <u>c-sheets.dwg</u> SCALE (HORIZ): <u>1"=20'</u> SCALE (VERT): <u>1"=4'</u> PLOT DATE: <u>3/28/22</u>
CONFORMED	FOR C					

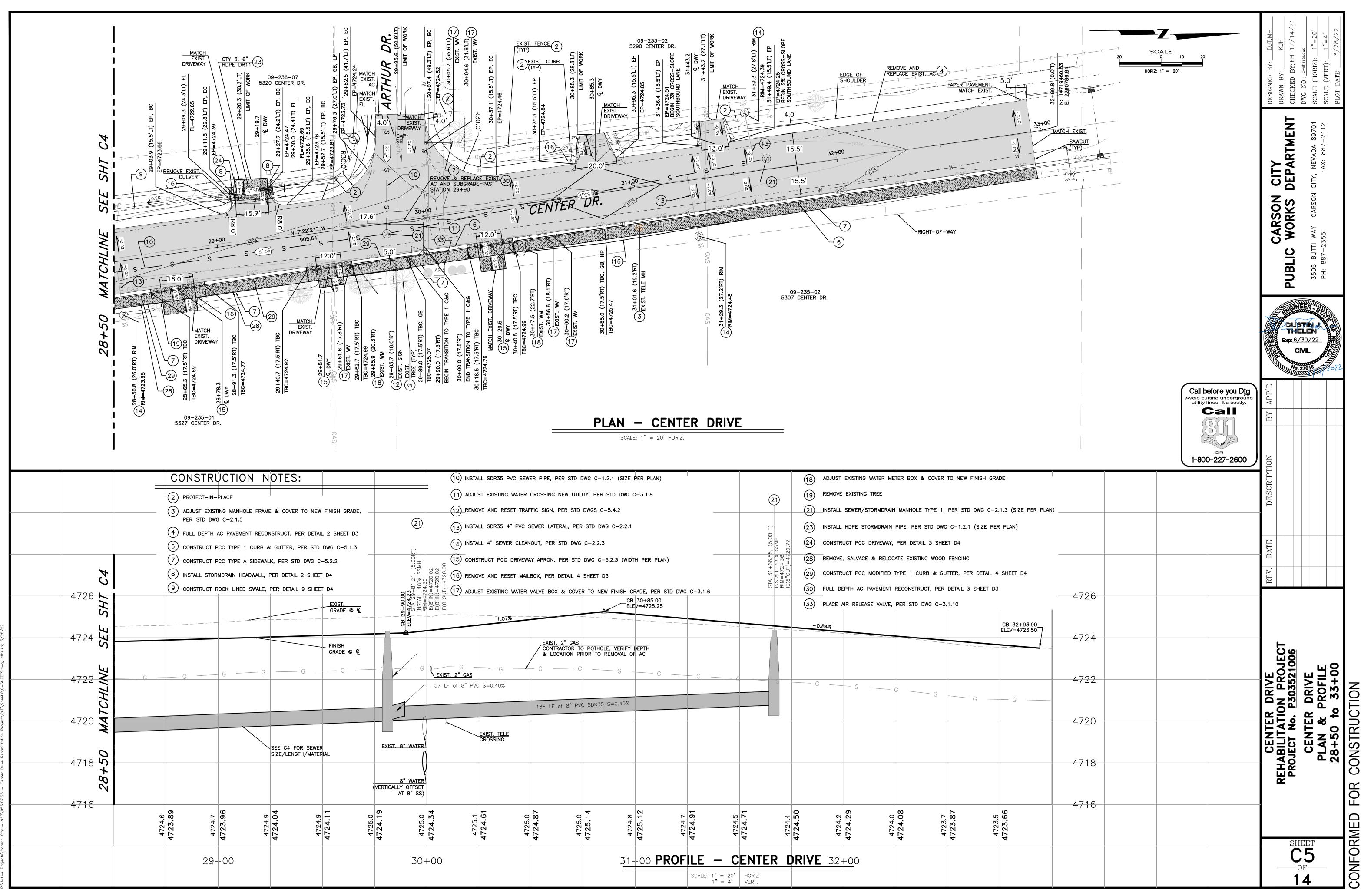


18+00 MATCHLINE SEE SHT C2	CEXIST. SIGN		CAS		$+00 N 2'07'53'' E \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \\ \\$	AS FL ROC MATCH SLOPE	A65 CL
1 FULL DEPTH AC PAVEMENT		Detail 1 Sheet D3	(19) R	EMOVE EXISTING TRE	E		
2 PROTECT-IN-PLACE 9 CONSTRUCT ROCK LINED SV 12 REMOVE AND RESET TRAFFIC			23 1	ISTALL HDPE STORM	AP, PER DETAIL 1 S DRAIN PIPE, PER ST RFORM ROOT MITIGAT	D DWG C-1.2.1 (SIZ	
4726 3							
				00.00	723.11		
4724 HS	0.20%			CB 19+00.00	ELEV=4723.11		
5 33 4722 5				CB 19+00.00	ELEV=4723.11		
5 33 4722 5				CB 19+00.00	ELEV=4723.11		
4722 4722 4720 4720 4718				CB 19+00.00	ELEV=4723.11		
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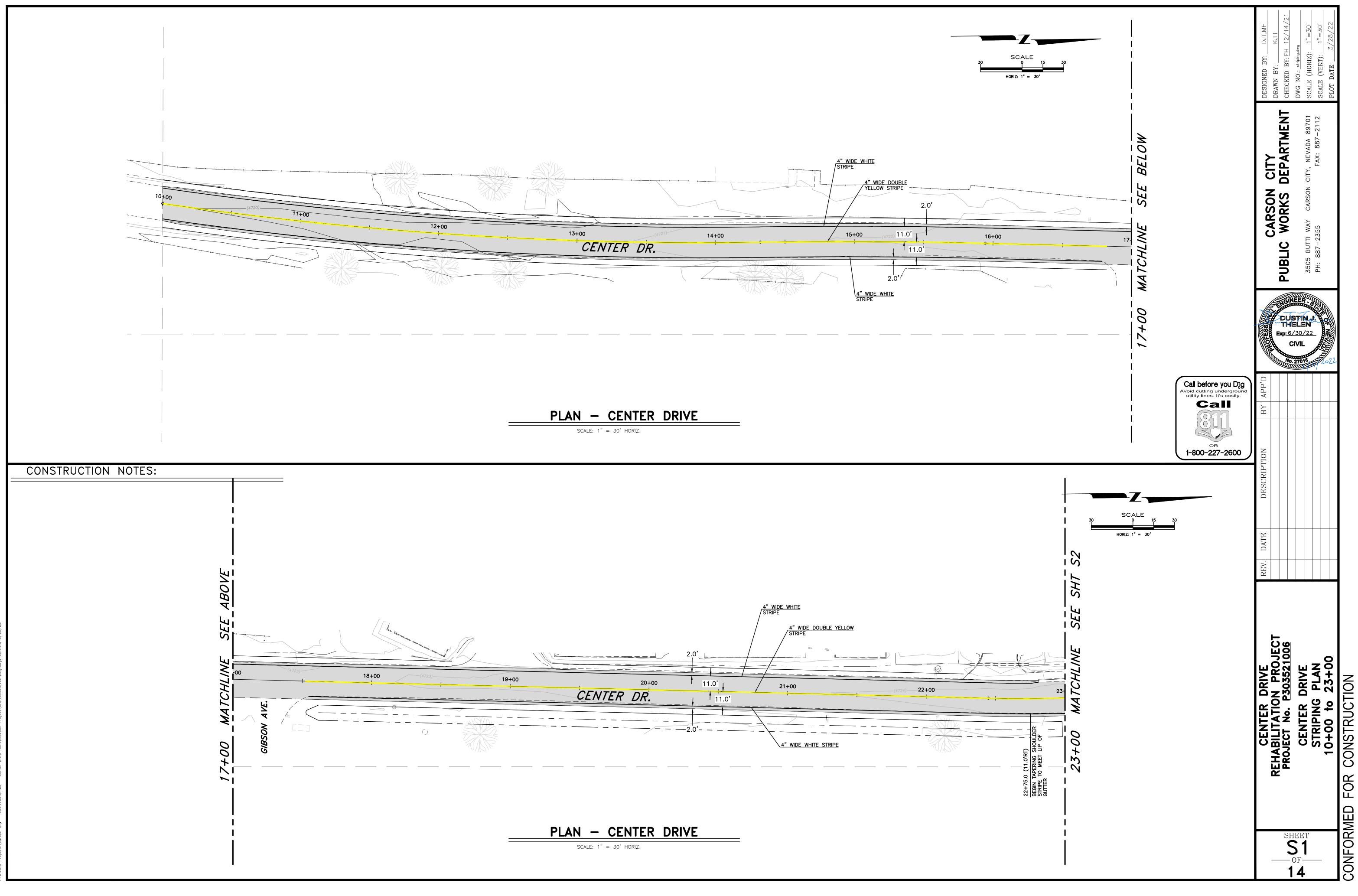


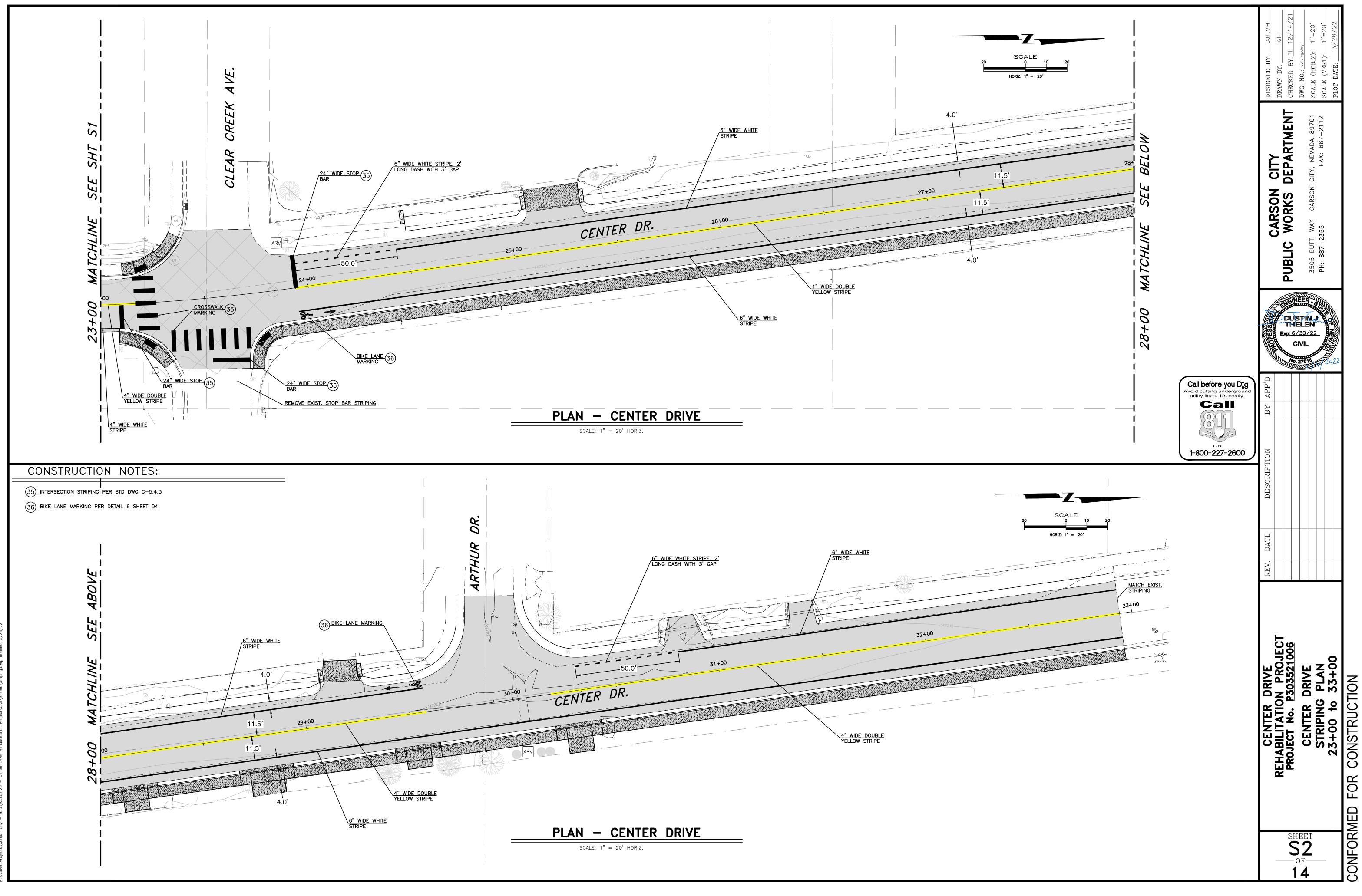
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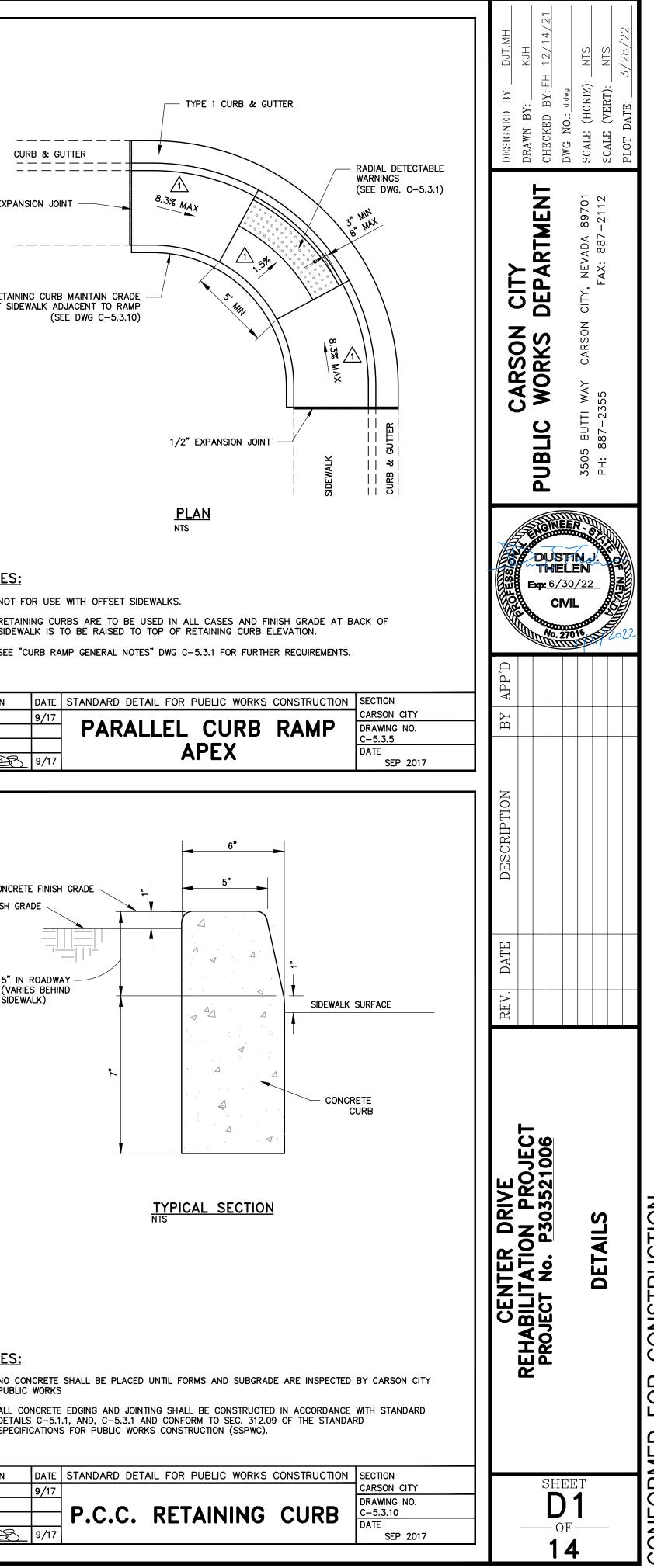
				SCALE: 1" = 20' 1" = 4'	HORIZ. VERT.						
		31-	-00 PROF		ENTER I		32-	-00			
4724.61 4725.0	4724.87 4725.0	4725.14	4725.12 4724.7	4724.91 4724.5	4724.71 4724.4	4724.50	4724.2	4724.29 4724.0	4724.08 4723.7	4723.87	4723.5
EXIST. TELE CROSSING											
/C S=0.40%	186 LF of 8" PV	C SDR35 S=0.40%		— G ((c	<u> </u>	- G	G G	G	
G	EXIST. 2" GAS CONTRACTOR TO & LOCATION PF G G	O POTHOLE, VERIFY I RIOR TO REMOVAL OF	PEPTH AC G				0.84%				
UST EXISTING WATER OVE AND RESET TRAF ALL SDR35 4" PVC S ALL 4" SEWER CLEAN STRUCT PCC DRIVEW/ OVE AND RESET MAIL UST EXISTING WATER	FFIC SIGN, PER STD SEWER LATERAL, PER NOUT, PER STD DWG AY APRON, PER STD BOX, PER DETAIL 4	DWGS C-5.4.2 R STD DWG C-2.2.1 C-2.2.3 DWG C-5.2.3 (WIDTI SHEET D3 R TO NEW FINISH GF	H PER PLAN)	C-3.1.6	STA 31+66.55, (5.00LT) STA 31+66.55, (5.00LT) INSTALL 48"ø SSMH RIM=4724.36 IF(8"0LT)=4720.77	(28) (29)	INSTALL INSTALL CONSTR REMOVE CONSTR FULL DE	HDPE STORMDRAIN UCT PCC DRIVEWAY, , SALVAGE & RELOC UCT PCC MODIFIED EPTH AC PAVEMENT	N MANHOLE TYPE 1, PIPE, PER STD DWG PER DETAIL 3 SHEE CATE EXISTING WOOD TYPE 1 CURB & GU RECONSTRUCT, PER PER STD DWG C-3.	ET D4 FENCING TTER, PER DETAIL DETAIL 3 SHEET D	PER F
ALL SDR35 PVC SEW	ER PIPE, PER STD I	DWG C-1.2.1 (SIZE F	PER PLAN)	Ì		(18)	ADJUST	EXISTING WATER ME	TER BOX & COVER	TO NEW FINISH GF	RADE

CONSTRUC FOR CONFORMED



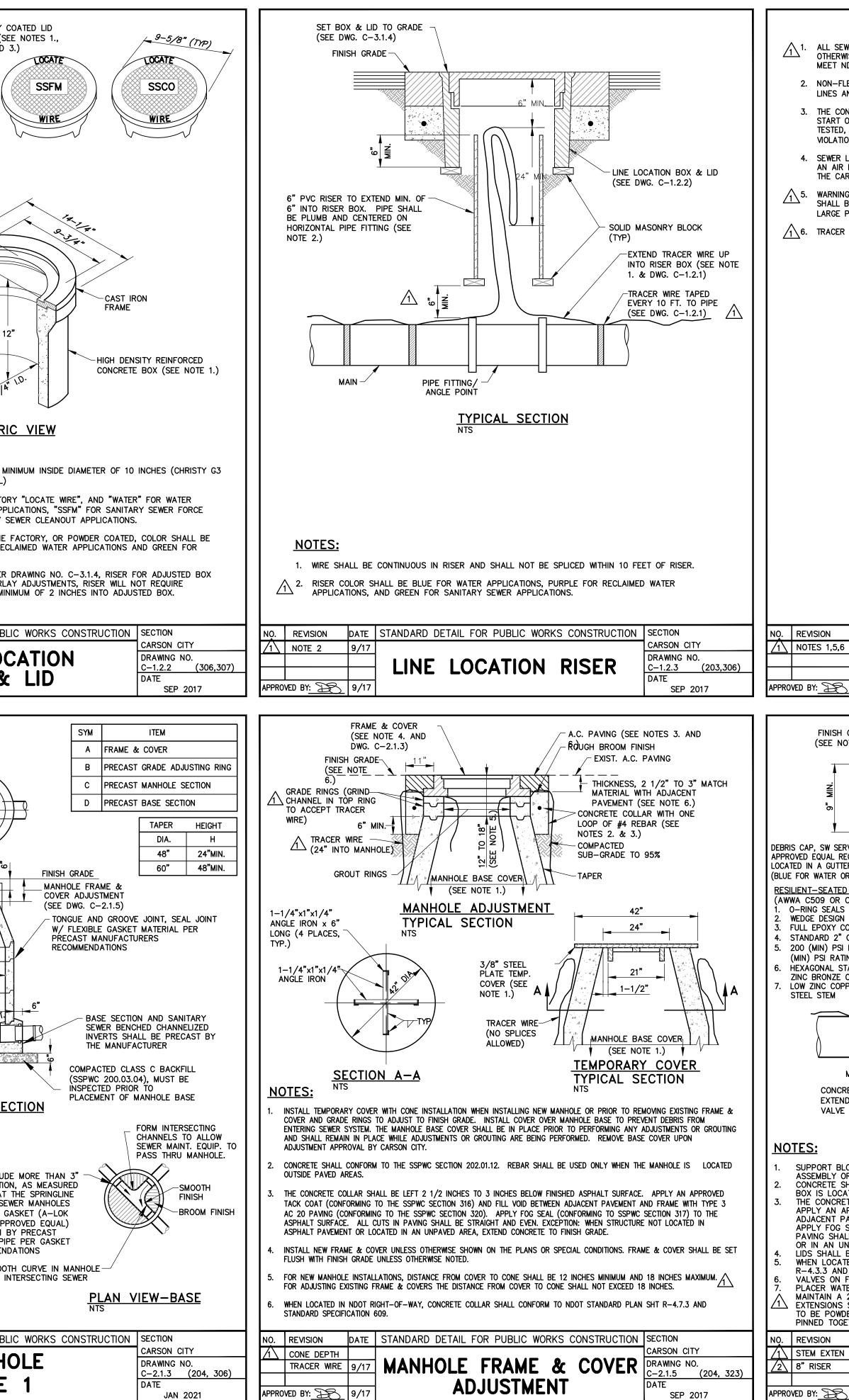


1. ALL WORK SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (SSPWC) AND THE "STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION" (SDPWC) AS ADOPTED BY CARSON CITY. THE		1. NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED BY CARSON CITY ENGINEERING DIVISION.	
 CONTRACTOR SHALL OBTAIN A PERMIT FOR PUBLIC WORKS CONSTRUCTION FROM THE CARSON CITY PERMIT CENTER PRIOR TO THE START OF CONSTRUCTION. ALL TRAFFIC CONTROL AND BARRICADING WITHIN THE CARSON CITY RIGHT-OF-WAY SHALL CONFORM TO SECTION 100.33, 332.04 AND 332.05 OF THE STANDARD SPECIFICATIONS, PART 6 OF THE MANUAL ON UNIFORM TRAFFIC ON THE DEMONSTRUCTION AND THE UNIT OF THE DEMONDARY TRAFFIC ON THE DEMONSTRUCTION. 	24"	2. PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARDS WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL	
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. 3. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT "CALL BEFORE YOU DIG" (811) OR 1-800-227-2600)	$\begin{array}{c c} \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & &$	CONFORM TO SSPWC SECTION 202. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. 3. ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DETAIL C-5.1.1 AND CONFORM TO SEC. 312 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS	- C -
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.	1/2" R (TYP) AC PAVEMENT EDGE UP TO 1/4" ABOVE LIP OF GUTTER	CONSTRUCTION (SSPWC). 4. IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE	1/2" EXPAI
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.		LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. A MINIMUM LANDING OF 5 FEET X 5 FEET CLEAR IS REQUIRED WHEN DIRECTION OF TRAVEL MAY CHANGE. A MINIMUM OF 4 FEET CLEAR MAY BE USED UPON APPROVAL OF THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR WHERE DIRECTION OF TRAVEL IS NOT EXPECTED TO CHANGE.	-
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 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		 WHEN A CROSSWALK IS SERVICED BY RAMP, LANDINGS SHALL BE CONTAINED WITHIN THE CROSSWALK AREA. EXISTING CONCRETE SHALL BE REMOVED TO A NEAT SAWCUT LINE OR NEAREST EXPANSION JOINT. PLANTMIX BITUMINOUS SURFACE SHALL BE FLUSH WITH THE EDGE OF THE GUTTER PAN IN THE 	RETAIN OF SID
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	6" MIN TYPE 2 CLASS B AGG BASE (COMPACTED TO 95%)	AREA OF THE CURB RAMP. GUTTER SHALL MAINTAIN POSITIVE DRAINAGE TO PREVENT PONDING. 8. ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND SHALL CONFORM TO SEC.200.01. OF THE	
THE CONTRACTORS EXPENSE. 7. THE APPROVED PLAN, PERMIT AND INSPECTION RECORD MUST BE ON THE JOB SITE AT ALL TIMES.	TYPICAL SECTION NTS	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).	
 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 	NOTES: 1. PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS:	10. DETECTABLE WARNINGS SHALL BE: EAST JORDAN IRON WORKS 7005/7006 SERIES CAST IRON DETECTABLE WARNING PLATES, TUFTILE ADA DETECTABLE WARNING PRODUCTS CAST IRON TILES	
9. THE CONTRACTOR WILL BE SOLELT AND COMPLETELT 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).	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.	OR APPROVED EQUAL. INSTALLED PER MANUFACTURERS INSTALLATION GUIDELINES AND CONFORM TO ADAAG (4.29) "DETECTABLE WARNINGS". COLOR: ASPHALT DIPPED UNLESS OTHERWISE APPROVED BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. RADIAL DETECTABLE WARNINGS SHALL BE USED WHEN	
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	2. ALL CONCRETE CURB & GUTTER SHALL HAVE 1/2 INCH EXPANSION JOINTS AT ALL CURB RETURNS AND SHALL HAVE WEAKENED PLANE JOINTS EVERY 10 FEET. CONCRETE EDGING AND	REQUIRED TO MAINTAIN MINIMUM CLEARANCE OF 3 INCHES AND MAXIMUM CLEARANCE OF 8 INCHES FROM DETECTABLE WARNINGS TO BACK FACE OF CURB. RADIAL DETECTABLE WARNINGS SHALL HAVE A RADIUS WITHIN 5 FEET OF BACK FACE OF CURB RADIUS. TUFTILE DETECTABLE WARNINGS	
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 THE CONSTRUCTION DRAWINGS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.	JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAILS C-5.1.1 AND C-5.1.3 AND CONFORM TO SECTION 312 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).	SHALL HAVE A 1/8" GAP AROUND THE PERIMETER OF THE ENTIRE ASSEMBLY OF TILES CREATED WITH AN EDGING TROWEL DURING THE FINISHING OF THE CONCRETE TO ALLOW FOR TILE EXPANSION. 11. AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LIP OF GUTTER.	
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	3. 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.	12. CURBS AND CURB AND GUTTER SHALL BE POURED NON-MONOLITHICALLY FROM RAMPS AND LANDINGS.	NOTES: 1. NOT
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.	1 4. CURB & GUTTER SHALL BE POURED SEPARATELY/NON-MONOLITHCALLY FROM SIDEWALK.	13. LANDING CROSS SLOPES SHALL BE 1.5% MAXIMUM UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.	2. RETA SIDEV
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.			3. SEE '
NO. REVISION DATE STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION SECTION 1 NOTE 10,11,12 9/17 CARSON CITY	NO. REVISION DATE STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION SECTION (1) NOTES 2 & 4 9/17 DOOD OUTDED CONTENDED CARSON CITY		NO. REVISION
GENERAL NOTES	APPROVED BY: B 9/17 PCC CURB & GUTTER APPROVED BY: 9/17 PCC CURB & GUTTER TYPE 1 DRAWING NO. C-5.1.3 DATE SEP 2017	ZIX NOTE 10 1/21 APPROVED BY: % 1/21 CURB RAMP GENERAL NOTES DRAWING NO. C-5.3.1	APPROVED BY: 🕀
APPROVED BY: BY 9/17 SEP 2017	APPROVED BY: 2017	APPROVED BY: <u>X</u> 1/21 JAN 2021	
1. NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED AND APPROVED BY CARSON CITY PUBLIC WORKS.	WEAKENED PLANE CURB & 1/2" EXPANSION JOINT JOINTS (TYP) GUTTER CURB & (SEE NOTE 5.)	1/2" EXPANSION JOINT	
2. PORTLAND CEMENT CONCRETE (P.C.C.) MUST HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS. MIN 6 SACKS OF CEMENT PER CUBIC YARDS WITH A MAX.	INSTALL CURB RAMP	CONSTRUCT PCC RETAINING CURB AS NEEDED 1/2" EXPANSION 1/2" EXPANSION	CONCRI
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 FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN COMPRESSIVE STERNOTH @ 28 DAYS, MIN 5 SACKS OF CUENT PER CUBIC YARDS WIN A MAX. WATER/CEMENT RATIO OF 0.45, AR ENTRAINMENT 63 ±1.53, SLUMP AT 1 TO 4. INCRES ALL MATERIALS MUST CONFORM TO SSPWC SECTION 202. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. CONCRETE EDGING AND JOINTING MUST BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL C.5.11. AND COMPORN TO SECTION 31.2 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC). IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTEED. THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY PUBLIC WORKS CONSTRUCTION (SSPWC). IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTEED. THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY PUBLIC WORKS CONSTRUCTION (SSPWC). INDE CAPCETD TO CHANCE, UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. CONCRETE MUST BE REMOVED TO A NEAT SAWCUT LINE AT THE NEAREST CONTROL JOINT. AGGREGATE BASE MUST BE TYPE 2, CLASS B AND SHALL CONFORM TO SEC.200.1. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC). NEW CONCRETE MUST HAVE A HEAVY BROOM FINISH PERPENDICULAR TO SIDEWALK. A C PAVEMENT EDGE MUST BE FLOSH TO 1/4 INCH ABOVE THE LIP OF GUITER. NEW CONCRETE MUST BE TREATED WITH POLYCURE, 25% SOLDS SOLVENT BASED COME & SEAL (OR APPROVED EQUAL) PROVIDED AND APPLED PER MANUFACTURERS RECOMMENDATIONS FOR USS AS A WATER RETENTION CUBING COMPOUND. HECTING STAR CEOMMENDATIONS FOR USS AS A WATER RETENTION CUBING COMPOUND. MEETING ASTM C 309, TYPE 1, CLASS B. NEW CONCRETE MUST BE TREATED WITH BARACADE SILVANT GASTER ECOMMENDATIONS FOR USS AS A WATER RETENTION CUBING COMPOUND. MEETING ASTM C 309, TYPE 1, CLASS B. NEW CONCRETE MUST BE TREATED WITH MARCADE SIN	Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard details Image: standard detail for public works construction Image: standard details Image: standard details Image: standard detail for public works construction Image: standard details Image: standard details Image: standard detail for public works construction Image: standard details Image: standard details Image: standard detail for public works construction Image: standard detail for public works construction Image: standard detail for public works construction Image: standard detail for public works construction Image: standard detail for public works construction	CURE AS NEEDED 1/2" EXPANSION 1/2" EXPANSION 00NT 1/2" EXPANSI	DIRT FINISH G 5″ II (VAR SIDE NOTES: 1. NO C PUBL 2. ALL C DETAI SPEC
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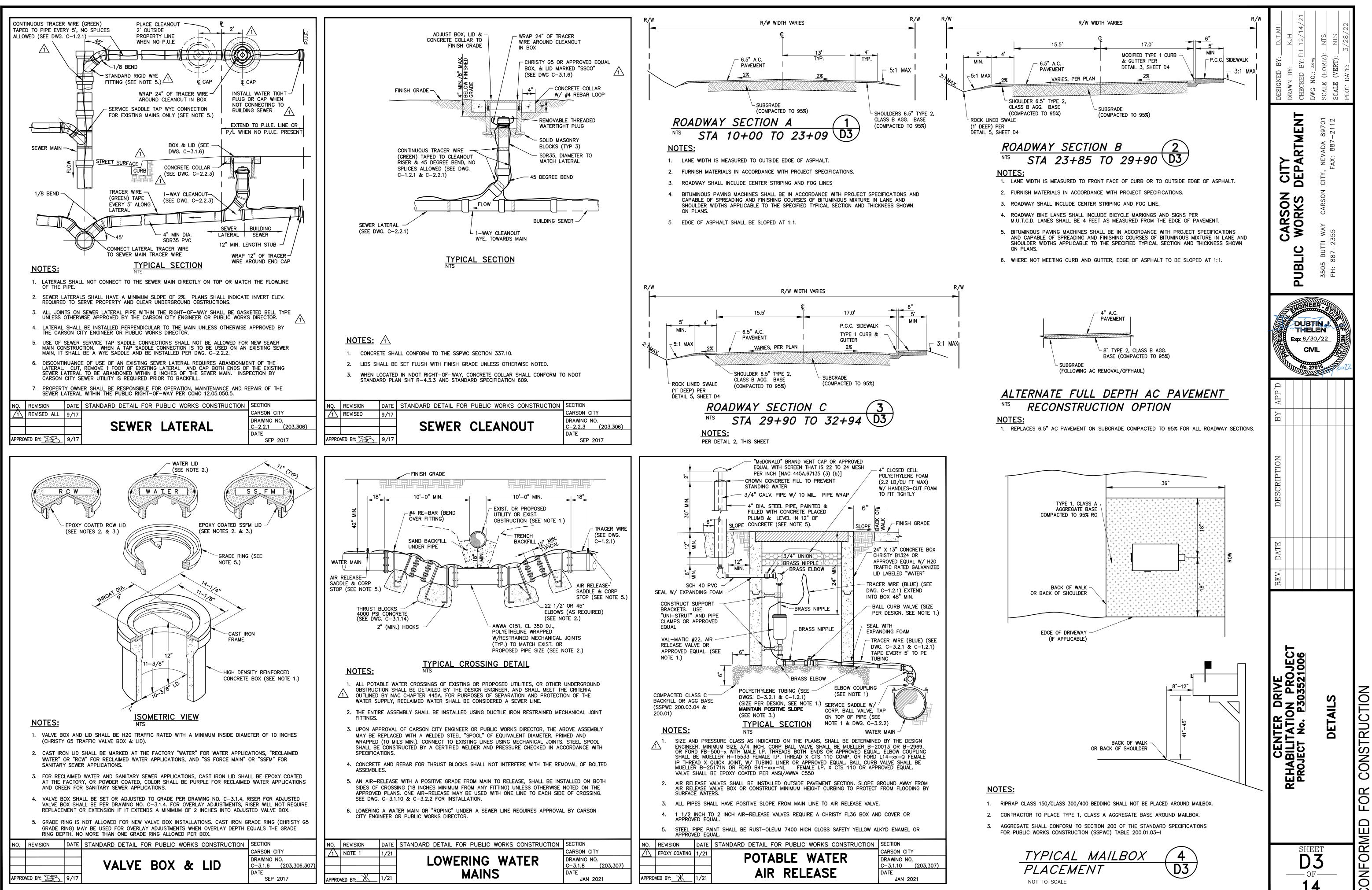


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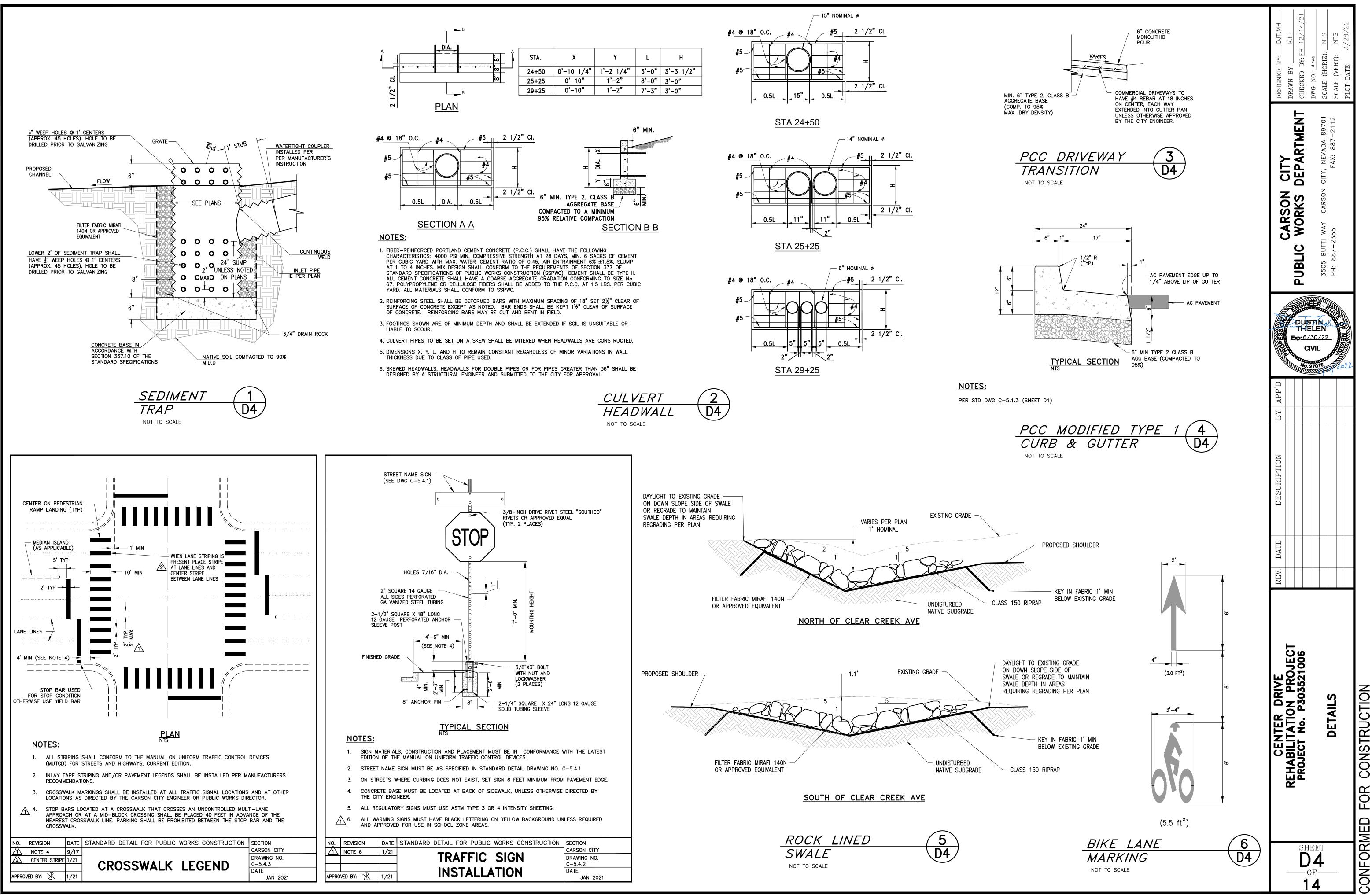
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BACKFILL TO SUBGRADE IF TRENCH IS IN AN EXISTING PAVEMENT. BACKFILL TO ORIGINAL GROUND IF TRENCH IS OUTSIDE EXISTING PAVEMENT (SEE NOTES 1., 2. & 6.) WARNING TAPE (SEE NOTE 7.) TRACER WIRE FOR WATER LINES, RECLAIMED WATER LINES, AND	LOCATE RCW WIRE WIRE WIRE
BEDDING MATERIAL - CLASS "A"	WELDED ON LETTERING - 1" MIN HIGH (TYP) (SEE NOTE 2.)
BACKFILL (SEE NOTE 3.)	THROAT DIA.
TRENCH SUBGRADE (SEE NOTE 4.) 12" PIPE 12" O.D. MINIMUM TRENCH EXCAVATION LIMITS	
TYPICAL TRENCH SECTION NOTES: 1. WATER DENSIFIED BACKFILL AND TUNNELING SHALL BE BY SPECIAL PROVISION ONLY. 2. 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 PER ASTM D1557 MODIFIED PROCTOR. BEDDING SHALL CONFORM TO THE REQUIREMENTS OF CLASS A BACKFILL AS SPECIFIED IN SUBSECTION 	10-11
 200.03.02 OF THE SSPWC. MATERIAL SHALL BE DENSIFIED TO 90% RELATIVE COMPACTION PER ASTM D1557 MODIFIED PROCTOR. PLANS SHALL INCLUDE A DETAIL FOR SUBGRADE STABILIZATION INCLUDING BACKFILL MATERIAL, STRUCTURAL GEOTEXTILE FILTER FABRIC AND MODIFIED CUTOFF COLLARS WHEN POTENTIAL FOR UNSTABLE SUBGRADES 	<u>ISOMETR</u> N.T.S.
EXIST, SUBJECT TO THE APPROVAL OF THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. 5. FOR TRENCHES IN ROADWAY SECTION, SEE PAVEMENT PATCH DETAIL (DWG. No. C-5.1.6).	 BOX AND LID SHALL BE TRAFFIC RATED WITH A M TRAFFIC VALVE BOX & LID OR APPROVED EQUAL) CAST IRON LID SHALL BE MARKED AT THE FACTOR
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 SHALL CONFORM TO THE LATEST O.S.H.A. REQUIREMENTS.	APPLICATIONS, "RCW" FOR RECLAIMED WATER APP MAIN APPLICATIONS, AND "SSCO" FOR SANITARY 3. CAST IRON LID SHALL BE EPOXY COATED AT THE BLUE FOR WATER APPLICATIONS, PURPLE FOR RE
 PLACE 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, 	SANITARY SEWER APPLICATIONS. 4. BOX SHALL BE SET OR ADJUSTED TO GRADE PER SHALL BE PER DRAWING NO. C-3.1.4. FOR OVERL
APPLICATIONS. SPLICES SHALL BE CONNECTED BY WIKE NOTS, 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, GREEN FOR SEWER AND YELLOW FOR ELECTRICAL OR FIBER OPTIC.	REPLACEMENT OR EXTENSION IF IT EXTENDS A MI NO. REVISION DATE STANDARD DETAIL FOR PUB
Image: Note 8 9/17 Carson city Image: Note 2 & 3 12/19 Image: Trend to the second to th	
APPROVED BY: 28 12/19 AND BACKFILL DATE DEC 2019	APPROVED BY: 28 9/17 BOX 8
 MANHOLE BASE(S) SHALL BE PRECAST UNLESS OTHERWISE APPROVED BY CARSON CITY PUBLIC WORKS. NO FIELD MODIFICATIONS TO PRECAST BASES WILL BE ALLOWED. TROUGHS AND BENCHES TO BE CAST IN BASE(S) AT PRECAST FACTORY. BASE CONFIGURATION TO BE INSTALLED AS SHOWN ON THE APPROVED PLANS. NO PLUGGING OR FIELD MODIFYING ALLOWED. PRECAST MANHOLE COMPONENTS SHALL CONFORM TO ASTM C-478. ARRANGE MANHOLE SECTION LENGTHS TO FIT DEPTH. ALL SHIMS TO BE REMOVED AND VOIDS GROUTED. PIPES SHALL NOT PROTRUDE MORE THAN 3 INCHES INSIDE MANHOLE SECTION, AS MEASURED FROM THE INSIDE WALL AT THE SPRING LINE OF THE PIPE. MANHOLE MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF SECTION 204 "MANHOLES AND CATCH BASINS" OF THE STANDARD SPECIFICATIONS. PRECAST MANHOLE SECTIONS, OTHER THAN GRADE RINGS, SHALL BE JOINED WITH FLEXIBLE PLASTIC GASKET MATERIALS SUCH AS "RAM-NEK" OR EQUAL AS PER MANUFACTURER'S RECOMMENDATIONS. EXCAVATION AND BACKFILL SHALL BE AS SPECIFICATIONS. (SEE C-1.2.1) NO SEWER LINE PIPE WITH A DIAMETER OF LESS THAN 8 INCHES SHALL BE CONNECTED TO A MANHOLE WITHOUT THE APPROVAL OF THE CITY ENGINEER OR PUBLIC WORKS DIRECTOR. MATCH PIPE INVERTS TO MANHOLE INVERTS WHERE PIPES CONNECT TO MANHOLE BASE. MATCH PIPE INVERTS TO MANHOLE INVERTS WHERE PIPES CONNECT TO MANHOLE BASE. 10. ALL MANHOLES SHALL BE SELED WATERTICHT. COVERS SHALL HAVE NO "THRU" HOLES. CLOSED PICK HOLES ONLY: D & L FOUNDRY A-1024 OR APPROVED EQUAL. 11. COAT OUTSIDE OF SEWER MANHOLE WITH FLEXIBLE RUBBERIZED COATING WHEN GROUNDWATER IS ENCONTRERD. PRIOR TO BACKFILLING, ALL MANHOLES SHALL BE VACUUM TESTED PER THE REQUIREMENTS OF ASTM C-1244. MANHOLE VACUUM TESTING SHALL REQUIRE THAT A VACUUM OF 10 INCHES OF MERCURY SHALL BE DRAWN AND THE VACUUM TO DROP TO 9 INCHES. THE MANHOLE SHALL PASS IF THE TIME IS GREATER THAN 60 SECONS FOR 48" DIAMETER, 75 SECONDS FOR 60" DIAMETER AND 90 SECOND	<image/>
 WORKS. NO FIELD MODIFICATIONS TO PRECAST BASES WILL BE ALLOWED. TROUGHS AND BENCHES TO BE CAST IN BASE(S) AT PRECAST FACTORY. BASE CONFIGURATION TO BE INSTALLED AS SHOWN ON THE APPROVED PLANS. NO PLUGGING OR FIELD MODIFYING ALLOWED. PRECAST MANHOLE COMPONENTS SHALL CONFORM TO ASTM C-478. ARRANCE MANHOLE SECTION LENGTHS TO FIT DEPTH. ALL SHIMS TO BE REMOVED AND VOIDS GROUTED. PIPES SHALL NOT PROTRUDE MORE THAN 3 INCHES INSIDE MANHOLE SECTION, AS MEASURED FROM THE INSIDE WALL AT THE SPRING LINE OF THE PIPE. MANHOLE MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF SECTION 204 "MANHOLES AND CATCH BASINS" OF THE STANDARD SPECIFICATIONS. PRECAST MANHOLE SECTIONS, OTHER THAN GRADE RINGS, SHALL BE JOINED WITH FLEXIBLE PLASTIC GASKET MATERIAL SUCH AS "RAM-NEK" OR EQUAL AS PER MANUFACTURER'S RECOMMENDATIONS. EXCAVATION AND BACKFILL SHALL BE AS SPECIFICD FOR "TRENCH EXCAVATION AND BACKFILL" IN SECTION 305 OF THE STANDARD SPECIFICATIONS. (SEE C-1.2.1) NO SEWER LINE PIPE WITH A DIAMETER OF LESS THAN 8 INCHES SHALL BE CONNECTED TO A MANHOLE WITHOUT THE APPROVAL OF THE CITY ENGINEER OR PUBLIC WORKS DIRECTOR. MATCH PIPE INVERTS TO MANHOLE INVERTS WHERE PIPES CONNECT TO MANHOLE BASE. ALL MANHOLES SHALL BE SEALED WATERTIGHT. COVERS SHALL HAVE NO "THRU" HOLES. CLOSED PICK HOLES ONLY: D & L FOUNDRY A-1024 OR APPROVED EQUAL. COAT OUTSIDE OF SEWER MANHOLE WITH FLEXIBLE RUBBERIZED COATING WHEN GROUNDWATER IS ENCOUNTERED. PIROR TO BACKFILLING, ALL MANHOLES SHALL BE VACUUM TESTED PER THE REQUIREMENTS OF ASTM C-1244. MANHOLE VACUUM TESTING SHALL REQUIRE THAT A VACUUM OF 10 INCHES OF MERCURY SHALL BE DRAWN AND THE VACUUM TO DROP TO 9 INCHES. THE MANHOLE SHALL BE DRAWN AND THE VACUUM TO DROP TO 9 INCHES. THE MANHOLE SHALL BE DRAWN AND THE VACUUM TO DROP TO 9 INCHES. THE MANHOLE SHALL BE DRAWN AND THE VACUUM TO DROP TO 9 INCHES. THE MANHOLE SHALL BE DRAWN AND THE VACUUM TO DROP TO 9 INCHES. THE MANHOLE SHALL	Image: State of the product of the
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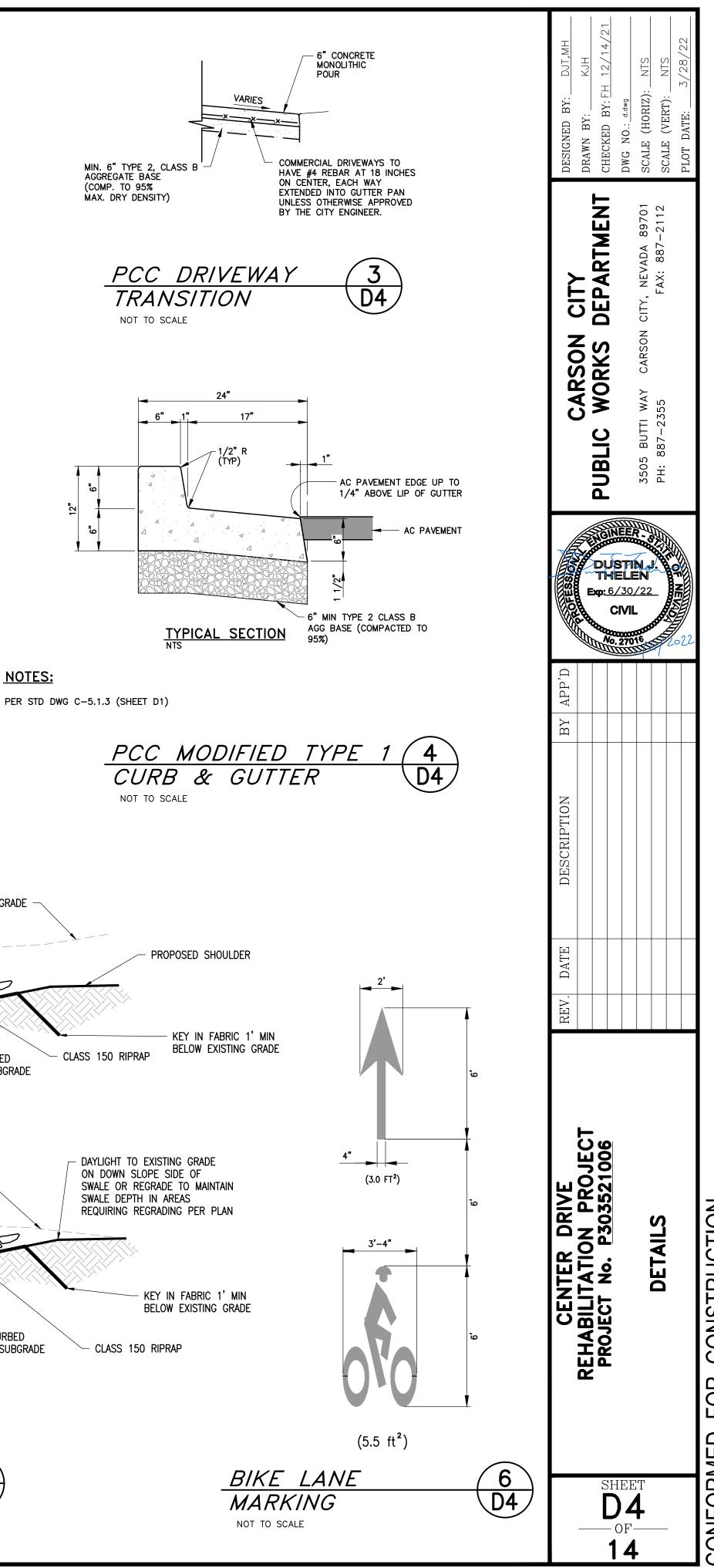


TYPICAL SECTION NTS OCKING SHALL BE POURED AGAINST UNDISTURBED SOIL AND NOT PREVENT ACCESS TO BOLT R VALVE JOINTS. HALL CONFORM TO THE SSPWC SECTION 337.10. REBAR SHALL ONLY BE USED WHEN THE VALVE NTE COLLAR SHALL BE LEFT 2 1/2 INCHES – 3 INCHES BELOW FINISHED ASPHALT SURFACE. PPROVED TACK COAT (CONFORMING TO THE SSPWC SECTION 316) AND FILL VOID BETWEEN AVEMARE WITH TYPE 3 PG 64-22 PAVING (CONFORMING TO THE SSPWC SECTION 320). SEAL (CONFORMING TO THE SSPWC SECTION 317) TO THE ASPHALT SURFACE. ALL CUTS IN LL BE STRAIGHT AND EVEN. EXCEPTION: WHEN STRUCTURE NOT LOCATED IN ASPHALT PAVEMENT NPAVED AREAS. BE SET FLUSH WITH FINISH GRADE UNLESS OTHERWISE NOTED. BE IN NDOT RIGHT-OF-WAY, CONCRETE COLLAR SHALL CONFORM TO NDOT STANDARD PLAN SHEET O STANDARD SPECIFICATION 609. FIRE LINES SHALL BE UL/FM APPROVED AND MEET ALL APPLICABLE NFPA REQUIREMENTS. ERWORKS INC. VALVE STEM EXTENSIONS OR APPROVED EQUAL SHALL BE USED AS NEEDED TO 28 INCH TO 60 INCH DEPTH FROM TOP OF VALVE CAN TO OP OF OPERATOR NUT. VALVE STEM SHALL BE UL/FM APPROVED AND MEET ALL APPLICABLE NFPA REQUIREMENTS. ERWORKS INC. VALVE STEM EXTENSIONS OR APPROVED EQUAL SHALL BE USED AS NEEDED TO	CENTER DRIVE REHABILITATION PROJECT PROJECT No. P303521006	DETAILS	ORMED FOR CONSTRUCTION
TAINLESS STEEL BOLTS W/LOW OR STAINLESS STEEL NUTS PER ALLOY OR STAINLESS TRACER WIRE IN TRACER WIRE TAPED TO PIPE EVERY 10 FT.			
GRADE DTE 5.) A.C. PAVING (SEE NOTES 3. AND 5!) 6" LID (SEE NOTE 4.) FUNCES DC600, DC800 OR QUIRED WHEN VALVE IS R OR VALLEY GUTTER R PURPLE FOR RCW) ROUGH BROOM FINISH (TYP.) CONCRETE COLLAR WITH ONE LOOP OF #4 REBAR (SEE NOTES 2., 3., AND 5.) COMPACTED SUB-GRADE TO 95% (TYP.) Solution and the second second and the second second and the second operator NUT RATING (12" OR LESS) 150 OATING INSIDE & OUT OPERATOR NUT RATING (12" OR LESS) 150 Solution and the second second and the second operator NUT RATING (12" OR LESS) 150			-
DATE STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION SECTION CARSON CITY 9/17 SEWER GENERAL NOTES DRAWING NO. C-2.1.1 (204,306,323) DATE SEP 2017	CINERAL CINERA		-
LINES SHALL BE TESTED PER SECTION 336.03.07 OF THE SSPWC AS ADOPTED BY CARSON CITY. PRESSURE TEST PER SECTION 336.03.07.04 AND A DEFLECTION TEST PER SECTION 336.03.09 OF RSON CITY AMENDMENT TO THE SSPWC SHALL BE PERFORMED ON ALL SEWER LINES. G TAPE SHALL BE INSTALLED 12 INCHES ABOVE ALL SEWER MAINS AND LATERALS. TAPE WIDTH BEC 3 INCHES; THICKNESS SHALL BE FOUR 4 MIL OR GREATER AND SHALL BE GREEN AND BEAR PRINTING DENOTING "CAUTION BURIED SEWER LINE BELOW" OR EQUIVALENT WORDING. WIRE SHALL BE ATTACHED TO ALL SEWER MAINS AND LATERALS. SEE DWG C-2.2.1.	PUBLIC WORKS DEPARTMENT	3505 BUTTI WAY CARSON CITY, NEVADA 89701 PH: 887–2355 FAX: 887–2112	
WER MAINS AND LATERALS IN THE RIGHT-OF-WAY/EASEMENT SHALL BE PVC SDR35 UNLESS ISE APPROVED BY CARSON CITY ENGINEER. C900 PVC MAY BE SUBSTITUTED FOR SDR35 TO IDEP BUREAU OF SAFE DRINKING WATER SEPARATION REQUIREMENTS. EXIBLE TRANSITION COUPLINGS ARE REQUIRED WHEN CONNECTING NEW SEWER LINES TO EXISTING IND/OR FITTINGS, SEE DWG. C-2.1.6. NTRACTOR SHALL INSTALL A PLUG AT THE POINT OF EXTENSION OF A SEWER MAIN PRIOR TO THE OF CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL ALL LINES HAVE BEEN INSPECTED, CLEANED AND FLUSHED. REMOVAL OF THE PLUG BY THE CONTRACTOR PRIOR TO APPROVAL IS A DN OF THE CARSON CITY MUNICIPAL CODE AND MAY RESULT IN FINES UP TO \$1,000 A DAY.	DESIGNED BY: DJT,MH DRAWN BY: KJH CHECKED BY: FH 12/14/21	E (HC E (VE DAT	

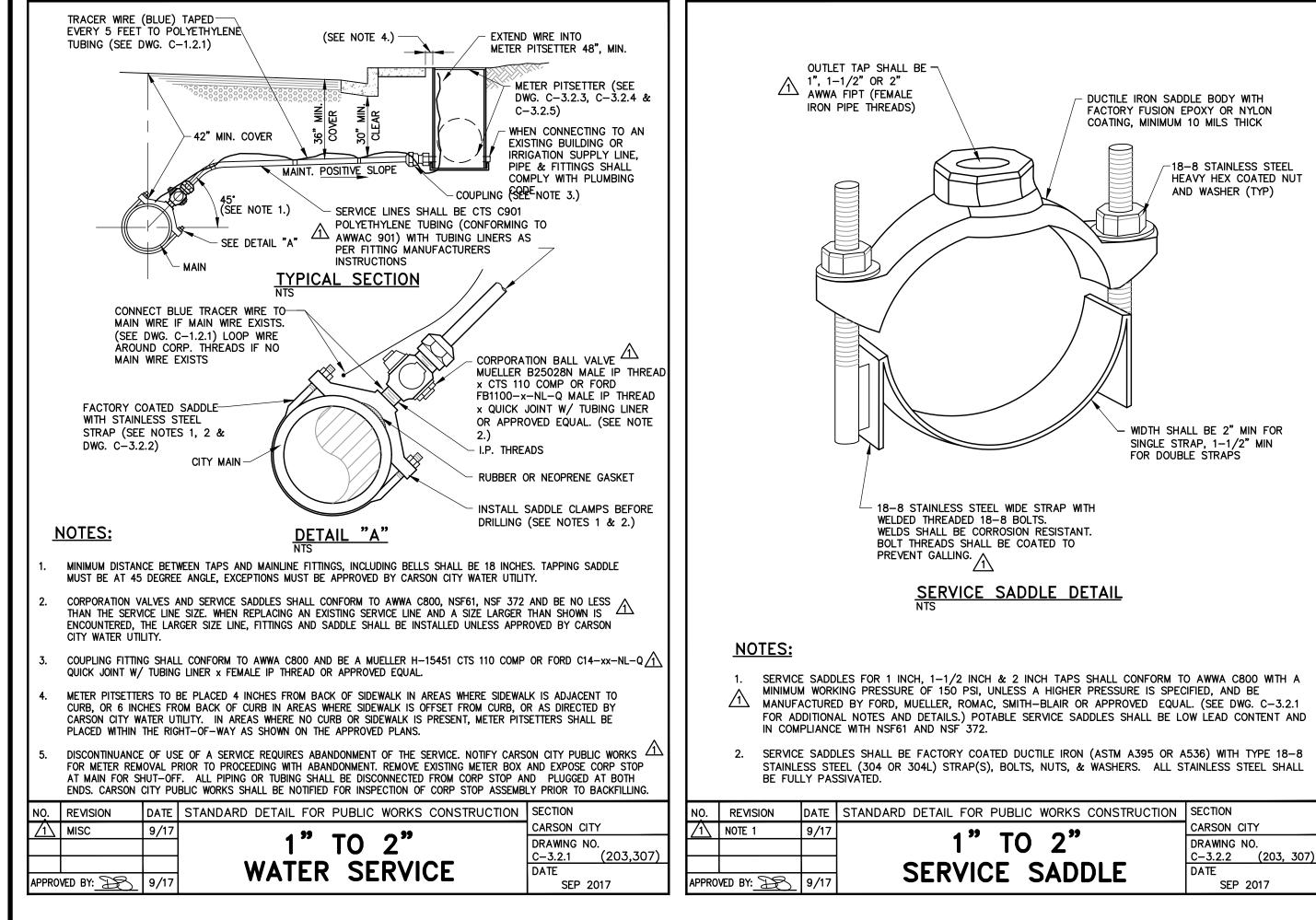


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LIC WORKS CONSTRUCTION	SECTION
	CARSON CITY
0 2"	DRAWING NO. C-3.2.2 (203, 307)
SADDLE	DATE SEP 2017

