

П	6 5	4		3				2		1				$\overline{}$
A	TEM	4		SHEE	COVER -1 LEGEND COVER -1 LEGEND COVER -2 GENERAL -3 STORM WO -4 STORM WO -5 MISCELLA -6 MISCELLA -7 MISCELLA -8 MISCELLA -8 MISCELLA -9 EROSION -1 PLAN & -2 PLAN & -4 PLAN & -5 PLAN & -6 PLAN & -7 PLAN & -7 PLAN & -8 PLAN & -1 MAINTENA -2 MAINTENA	NOTES WATER DETAILS — E WATER DETAILS — E ANEOUS DETAILS ANCE OF TRAFFIC NANCE OF TRAFFIC NANCE OF TRAFFIC DETAILS ANCE DE	ING INDEX, LATERAL EROSION CONTROL I EROSION CONT	00 to STA. 10+00 00 to STA. 18+00 00 to STA. 27+00 00 to STA. 34+95 DR — STA. 40+00 STA. 50+00 to STA. 00 to STA. 64+00 a to STA. 82+74	to STA. 50+00 . 57+45 & STA. 70+00 to				THE COUNTY AND COUNTY	
	314 76 CY DRIVEWAY PAVEMENT, CONCRETE 314 4 CY PERMANENT PAVEMENT REPLACEMENT, TYPE III 315 1 LS TRAFFIC CONTROL					SANITA	RY SEWE	R LATERA	L TABLE				DELAR	
В	317 14,903 SY SEEDING AND MULCHING, TYPE 3C 407* 203 GAL. TACK COAT		ADDRESS	STATION	MAIN CL. ELEVATION	LATERAL SLOPE: LATERAL START ELEVATION	0.0208 LATERAL LENGTH	EOS ELEVATION	EOS GRADE	EOS DEPTH w/o RISER LENGTH		SHT #	,	
	408* 379 GAL. PRIME COAT 412 2,710 LF 6-INCH DIAMETER PIPE, SANITARY HOUSE CONNECTION SERVIC 441* 114 CY ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22	<u> </u>	7839 HARRIOTT RD.	01+00.00	918.13	918.63	(FT) 42	919.49	937.25	RISER (FT) (APPROX 17.76 6) N	C-1	F F D E	
	609* 6,300 LF FILTER FABRIC FENCE 613* 15 CY LOW STRENGTH MORTAR BACKFILL		7801 HARRIOTT RD. 7769 HARRIOTT RD.	02+32.00 04+27.00	918.67 919.54	919.17 920.04	42 42	920.03 920.90	941.95 940.91	21.92 10 20.01 9	N N	C-1 C-1		-\ z_z
	616* 0.5 MGal WATER 624* 1 LS MOBILIZATION		9716 ERIN WOODS DR. 9750 ERIN WOODS DR. 9719 ERIN WOODS DR.	05+81.00 10+21.00 10+31.00	920.16 922.13 922.17	920.66 922.63 922.67	* 72 * 89	921.52 924.12 924.51	937.74 925.82 925.15	16.22 5 1.70 0 0.64 0	N Y Y	C-1 C-2		DATE:
	661* 4 EA DECIDUOUS TREE 670* 10 EA INLET PROTECTION SPEC 1 LS LANDSCAPE RESTORATION		7639 HARRIOTT RD. 9776 ERIN WOODS DR.	10+51.00 11+68.00	922.24 922.72	922.74 923.22	** 240 * 27	927.72 923.77	931.04 920.90	3.32 0 -2.87 0	N/A*** Y	C-2 C-2	H M	
\vdash	SPEC 1 LS DEWATERING SPEC 1 LS DEL—CO WATER ALLOWANCE		9761 ERIN WOODS DR. 9808 ERIN WOODS DR.	12+51.00 13+72.00	923.15 924.38	923.65 924.88	* 71 81	925.12 926.55	921.58 938.30	-3.54 0 11.75 0	Y N	C-2 C-2	Q .	HECKED: S WIEWED: (H
	* ITEM NUMBERS TAKEN FROM ODOT ITEM MASTER 2019		9787 ERIN WOODS DR. 9817 ERIN WOODS DR.	14+00.00 14+79.00	924.77 925.85	925.27 926.35	25 23	925.78 926.82	936.87 938.17	11.09 0 11.35 0	N N	C-2 C-2		2 2 2 2
			9845 ERIN WOODS DR. 9846 ERIN WOODS DR.	15+93.00 17+33.00	926.54 927.2	927.04 927.7	24 81	927.53 929.37	942.84 948.77	15.31 4 19.40 8	N N	C-2 C-2	 	
2:36pm			9877 ERIN WOODS DR. 9882 ERIN WOODS DR.	18+33.00 18+84.00	927.67 927.97	928.17 928.47	28 83	928.74 930.19	948.37 949.68	19.63 8 19.49 8	N N	C-3 C-3	O E	SIGNED: 3B 4WN:
2020 -			9904 ERIN WOODS DR. 9937 ERIN WOODS DR. 9930 ERIN WOODS DR.	21+14.00 22+22.00 22+80.00	930.63 934.42 936.44	931.13 934.92 936.94	22	932.83 935.37 938.43	949.79 948.10 948.20	16.96 5 12.73 1 9.77 0	N N	C-3 C-3		DB/ MF
ul 01,			9971 ERIN WOODS DR. 9956 ERIN WOODS DR.	24+34.00 24+42.00	938.04 938.1	938.54 938.6	22	938.99 940.09	947.00 948.60	8.01 0 8.51 0	N N	C-3 C-3		
1.dwg	CONVENTIONAL LINETYPES & SYMBOLS		9980 ERIN WOODS DR. 9989 ERIN WOODS DR.	24+70.00 25+87.00	938.29 939.09	938.79 939.59	72 22	940.28 940.04	948.50 949.44	8.22 0 9.40 0	N N	C-3 C-3	, 0	1
bols_R	COUNTY LINE		10002 ERIN WOODS DR. 10222 SYLVIAN DR.	26+39.00 27+95.00	939.54 940.69	940.04 941.19	72 72	941.53 942.68	954.00 955.90	12.47 1 13.22 2	N N	C-3 C-4		(0)
& Sym	TOWNSHIP LINE — — — — — — — — — — — — — — — SECTION LINE — — — — — — — — — — — — — — — — — — —	POST (EX)	10201 SYLVIAN DR. 10225 SYLVIAN DR.	29+66.00 30+18.00	942.42 943.16	942.92 943.66	71 71	944.39 945.13	958.10 958.20	13.71 2 13.07 2	N N	C-4 C-4	EXX TTT A	
egends	CORPORATION LINEOROR	MALL DOV (EV)	10251 SYLVIAN DR. 10266 SYLVIAN DR.	31+97.00 32+21.00	945.74 946.13	946.24 946.63	70	947.69 947.12	958.20 956.50	10.51 0 9.38 0	N N	C-4 C-4		
\G-1 	FENCE LINE (EX) —— —— (PR) ————————————————————————————————————	MAILBOX (EX)	10275 SYLVIAN DR. 10291 SYLVIAN DR. 10288 SYLVIAN DR.	34+04.00 34+26.00	948.77 949.08	949.27 949.58	115 99	951.65 951.63	962.45 959.60 959.40	10.80 0 7.97 0 8.54 0	N N	C-4 C-4	> - 4 =	7 ER
ubmitta	RIGHT OF WAY (EX) ————————————————————————————————————	MAILBOX (PR)	9913 ERIN WOODS DR. 9961 SYLVIAN DR.	34+75.00 40+41.00 43+27.00	949.79 928.92 930.09	950.29 929.42 930.59	36 * 79	950.86 930.16 932.22	945.92 941.09	15.76 4 8.87 0	N N Y	C-5		M PF
set/90 S	STANDARD HIGHWAY EASE.(EX)	LIGHT (EX)	9955 SYLVIAN DR. 9979 SYLVIAN DR.	43+79.00 44+92.00	930.43 931.47	930.93 931.97	56 82	932.08 933.67	945.49 944.15	13.41 2 10.48 0	N N	C-5	MIN WIN RAL) F G
ngs\She	TEMPORARY RIGHT OF WAY ———————————————————————————————————	TELEPHONE MARKER (EX)	7650 SERENITY DR. 9990 SYLVIAN DR.	45+82.00 45+93.00	932.14 932.18	932.64 932.68	99	934.69 933.34	946.78 950.20	12.09 1 16.86 5	N N	C-5 C-5		S E W
Drawi	UTILITY EASE. (EX)		7673 SERENITY DR. 7655 SERENITY DR.	51+25.00 51+55.00	934.61 934.74	935.11 935.24	27 68	935.66 936.64	943.95 947.78	8.29 0 11.14 0	N N	C-6 C-6	10 G A A A A A A A A A A A A A A A A A A	000 RY 8
5 CADE	RAILROAD ————————————————————————————————————	FIRE HYDRANT (EX)	7669 SERENITY DR. 7661 SERENITY DR.	54+28.00 55+19.00	938.57 939.52	939.07 940.02	22 74	939.52 941.55	949.35 949.61	9.83 0 8.06 0	N N	C-6 C-6	- E - - - - - - - - - - - - - - - - -	> 4
ounty\0	CONCEDUCTION LIMITS	WATER METER (EX)	7665 SERENITY DR. 10174 SYLVIAN DR.	57+23.00 61+43.00	941.69 942.28	942.19 942.78	38	942.97 943.21	950.00 953.09	7.03 0 9.88 0	N N	C-6 C-7		S A N
ware Co	EDGE OF PAVEMENT (PR)	WATER VALVE (FX)	10177 SYLVIAN DR. 10151 SYLVIAN DR. 10125 SYLVIAN DR.	61+92.00 63+40.00	942.51 943.19	943.01 943.69	74 75	944.54 945.24	951.80 954.10	7.26 0 8.86 0	N N	C-7 C-7		
rin Dela	EDGE OF SHOULDER (EX)	, ,	10036 SYLVIAN DR. 10070 SYLVIAN DR.	63+85.00 70+26.00 72+58.00	943.4 934.95 938.55	943.9 935.45 939.05	68 25 32	945.30 935.96 939.71	953.14 953.59 950.20	7.84 0 17.63 6 10.49 0	N N N	C-7	REVISION	DATE
Glen E	DITCH/CREEK (EX) STUMP (REMOVE)	UTILITY VALVE UNKNOWN (EX.)	10069 SYLVIAN DR. 10120 SYLVIAN DR.	72+38.00 73+63.00 74+03.00	940.14 940.75	940.64 941.25	97 32	942.65 941.91	950.20 952.23 951.02	9.58 0 9.11 0	N N	C-7 C-7		
oods of	DITCH/CREEK (PR)	TELEPHONE POLE (EX)	10099 SYLVIAN DR. 7664 SERENITY DR.	74+16.00 80+10.00	940.94 934.32	941.44 934.82	98 76	943.47 936.39	950.08 946.00	6.61 0 9.61 0	N N	C-7 C-8		
8563 W		POWER POLE (EX)	7670 SERENITY DR. 7690 SERENITY DR.	81+56.00 82+53.00	935.06 935.56	935.56 936.06	79 * 109	937.19 938.32	942.35 950.52	5.16 0 12.20 1	N Y	C-8 C-8		
)1WD-1	PROPERTY LINE SYMI $ heta$. Example $ heta$		7694 SERENITY DR.	82+64.00	935.61	936.11	* 106	938.30	941.00	2.70 0	N/A***	C-8		-
ojects\2018\20H0	BREAK LINE SYM V, EXAMPLE — V AERIAL TARGET	LIGHT POLE (EX)	SANITARY LATERALS CALCULATED RISER LENGTHS CALCULATED BA: * LATERAL TO BE PRESSURE SE ** LATERAL TO BE 2" HDPE SD *** N/A NO RESIDENCE AT THIS	SED ON 45 DEGRE RVICE LINE INSTALI R 9 PRESSURE SE	E CONNECTION AND LED PER DCRSD S' RVICE LINE INSTALL	STD. DETAIL Sa.S—3 LED PER DCRSD S	1	I					G-	1
P:\Pro	6 5	4		3				2		1				
												_		

EMAIL: SMITHGL@FIRSTENERGYCORP.COM

COLUMBIA GAS OF OHIO, INC. ATTN. HEIDI ZACHER EMAIL: HZACHER@NISOURCE.COM 3550 JOHNNY APPLESEED CT. COLUMBUS, OHIO 43231 PHONE: (614) 818-2107

DEL-CO WATER COMPANY ATTN: RUSTY GRIFFITH ASSISTANT ENGINEER SUPERVISOR 6773 OLENTANGY RIVER ROAD DELAWARE, OHIO 43015 PH. (740) 548-7746 EXT. 2408 FAX (740) 549-1149

DELAWARE COUNTY REGIONAL SEWER DISTRICT 50 CHANNING STREET (SOUTH WING) DELAWARE, OH 43015 P: (740) 833-2240 WWW.CO.DELAWARE.OH.US\SANITARY

CHARTER JOSEPH VLOCK CONSTRUCTION COORDINATOR CELL 614-402-1979 JOSEPH.VLOCK@CHARTER.COM MID-OHIO DIVISION

- 7. THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE PROJECT SITE UNDER DEVELOPMENT, EXISTING RIGHTS-OF-WAY, CONSTRUCTION EASEMENTS AND PERMANENT EASEMENTS. AND SHALL NOT TRESPASS UPON OTHER PRIVATE PROPERTY WITHOUT THE WRITTEN CONSENT OF THE PROPERTY OWNER.
- 8. COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. AS AMENDED, AND APPLICABLE OSHA REGULATIONS IS REQUIRED OF ALL CONTRACTORS ON THE PROJECT. EACH CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING, MAINTAINING, AND SUPERVISING ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK.

OF A STREAM. i) REMOVAL OF TREES AND SHRUBS, OR DAMAGING VEGETATION

OUTSIDE THE LIMITS OF THE CONSTRUCTION AREA.

k) DISPOSAL OF TREES, BRUSH AND OTHER DEBRIS IN STREAM CORRIDORS, WETLANDS, SURFACE WATERS, OR AT UNSPECIFIED LOCATIONS.

14. SEDIMENT AND EROSION CONTROL: THE CONTRACTOR SHALL SUBMIT A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) TO THE SANITARY ENGINEER THAT HAS BEEN APPROVED BY THE GOVERNING STORM WATER AUTHORITY, DELAWARE COUNTY ENGINEER'S OFFICE, PRIOR TO THE PRE-CONSTRUCTION MEETING FOR THE SANITARY SEWER. ADDITIONAL EROSION AND SEDIMENTATION CONTROLS MAY BE REQUIRED AT THE DISCRETION OF THE SANITARY ENGINEER BEFORE AND/OR DURING CONSTRUCTION ACTIVITIES.

- 13. SERVICE RISERS SHALL BE INSTALLED WHERE DEPTHS FROM THE WYE TO THE EXISTING OR PROPOSED ELEVATION EXCEEDS 12 FEET. THE TOPS OF RISERS SHALL BE NO MORE THAN 10 FEET BELOW EXISTING OR PROPOSED SURFACE ELEVATION, WHICHEVER IS HIGHER. UNLESS OTHERWISE NOTED.
- 14. CONTRACTOR SHALL INSTALL PLUGS IN THE UPSTREAM AND DOWNSTREAM INVERTS OF MANHOLE #1. THE PLUGS SHALL BE INSPECTED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER RAINFALL EVENTS.
- 15. SANITARY SEWERS SHALL BE TESTED BY AIR TESTING METHOD. AIR TESTING SHALL BE MADE IN ACCORDANCE WITH ASTM F1417-92. ALLOWABLE LEAKAGE SHALL NOT EXCEED THE LIMITS AS SHOWN IN CMS ITEM 409.01. CONTRACTOR SHALL COOPERATE WITH THE SANITARY ENGINEER AND PROVIDE ALL NECESSARY EQUIPMENT, MATERIALS, AND LABOR TO PERFORM THE TESTING
- 16. SANITARY MANHOLES SHALL BE TESTED USING VACUUM TEST METHODS PER CMS ITEM 409.02.
- 17. WHEN PVC PIPE IS USED A DEFLECTION TEST SHALL BE PERFORMED. PIPE DEFLECTION SHALL NOT EXCEED 5 PERCENT IF TESTED AFTER 30 DAYS, OR 7.5 PERCENT IF TESTED AFTER 90 DAYS FROM THE TRENCH BEING BACKFILLED TO FINISH GRADE. THE METHOD OF TESTING SHALL BE SUBJECT TO THE APPROVAL OF THE SANITARY ENGINEER. IF RIGID BALLS OR MANDRELS ARE USED TO TEST THE PIPE DEFLECTION, NO MECHANICAL PULLING DEVICES SHALL BE USED. ANY LINES WHICH FAIL THE TEST MUST BE REPAIRED AND RETESTED, AFTER AN ADDITIONAL 30-DAY PERIOD TO COMMENCE AFTER THE REPAIR HAS BEEN MADE, BY THE CONTRACTOR AT NO COST TO THE DCRSD.





 \bigcap

Z Z Ш Z ហ Ω ≥

DATE

REVISION

G-2

DELTAIN PRE CONIO

LAWARE COUNTY

GLECKED:

CHECKED:

JS

JULY 2020

KH

VATER DETAILS
CONTROL NOTES
DF GLEN ERIN

PEVISION DATE

ហ

Σο

CC CO

G-3

UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED

15.2.1. FENCE POSTS - THE LENGTH SHALL BE A MINIMUM OF 32 IN. LONG. WOOD POSTS

∢ 🗖 ЬŽ Ш Z Ŋ Σο CY O REVISION DATE

G-4

POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

13.1.2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS. DUST PANS. MOPS. RAGS. GLOVES, GOGGLES. KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

13.1.3. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

13.1.4. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

13.1.5. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.

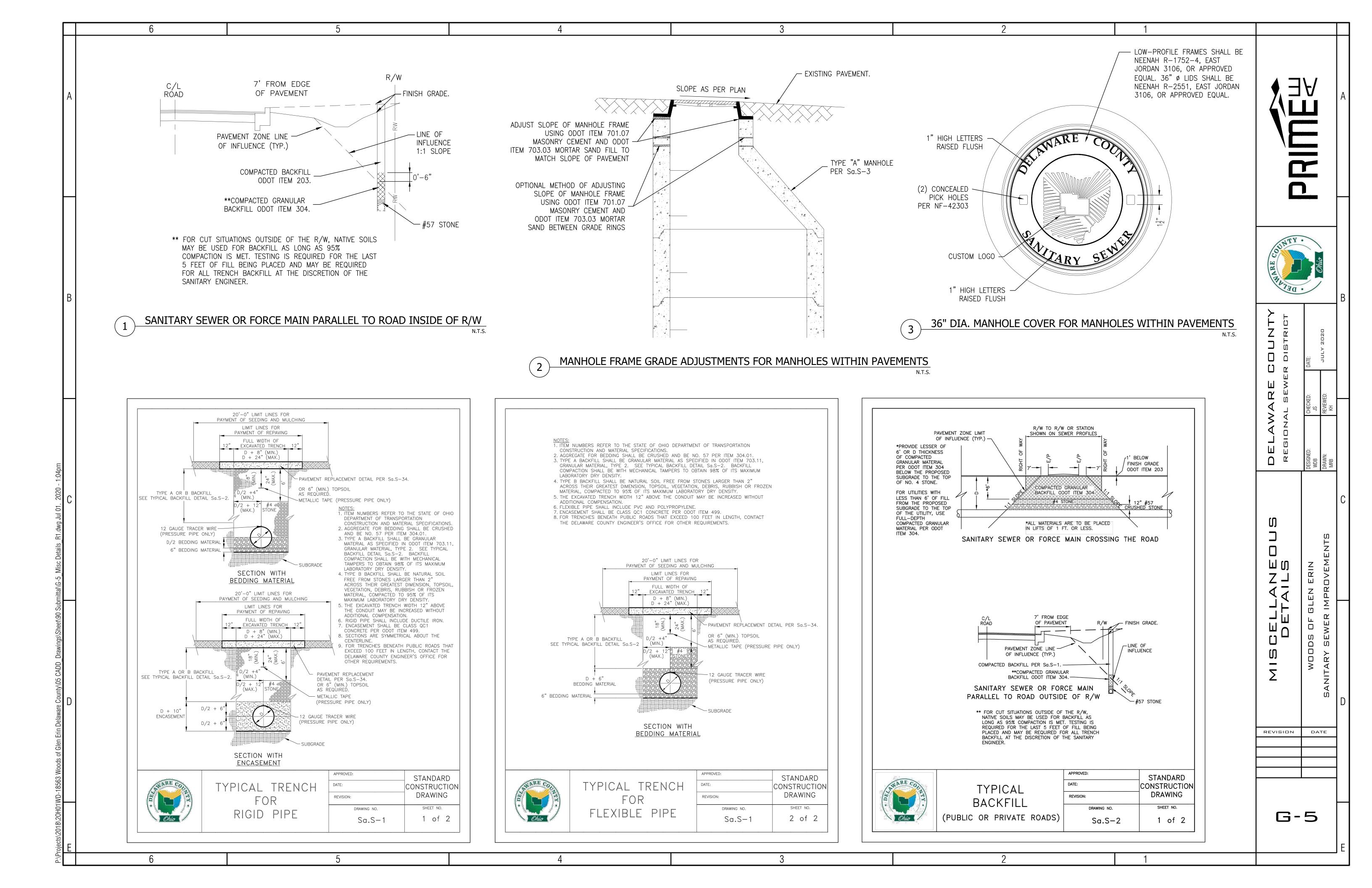
13.1.6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

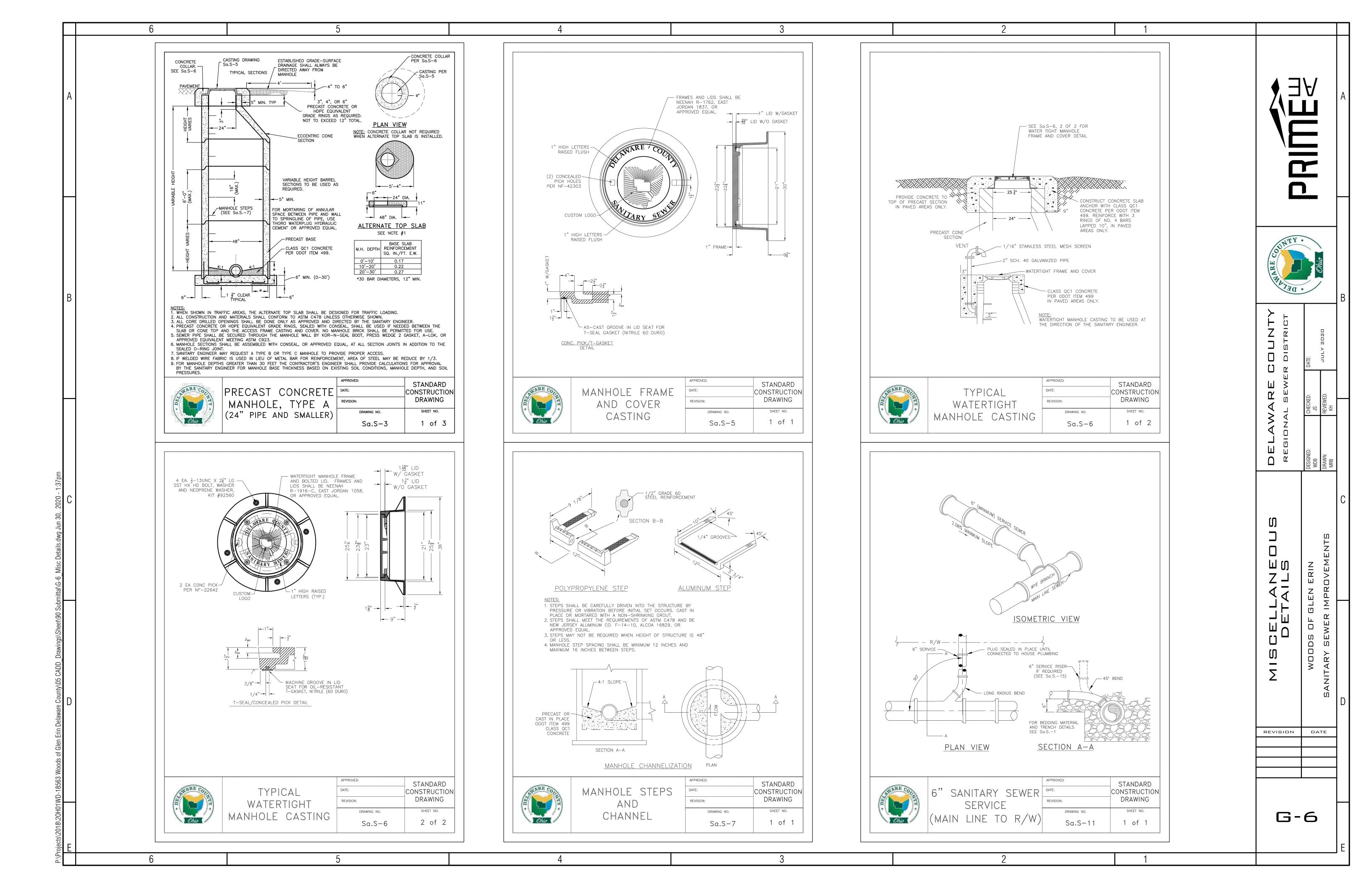
15.1.10. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF A 6" OVERLAP, AND SECURELY SEALED.

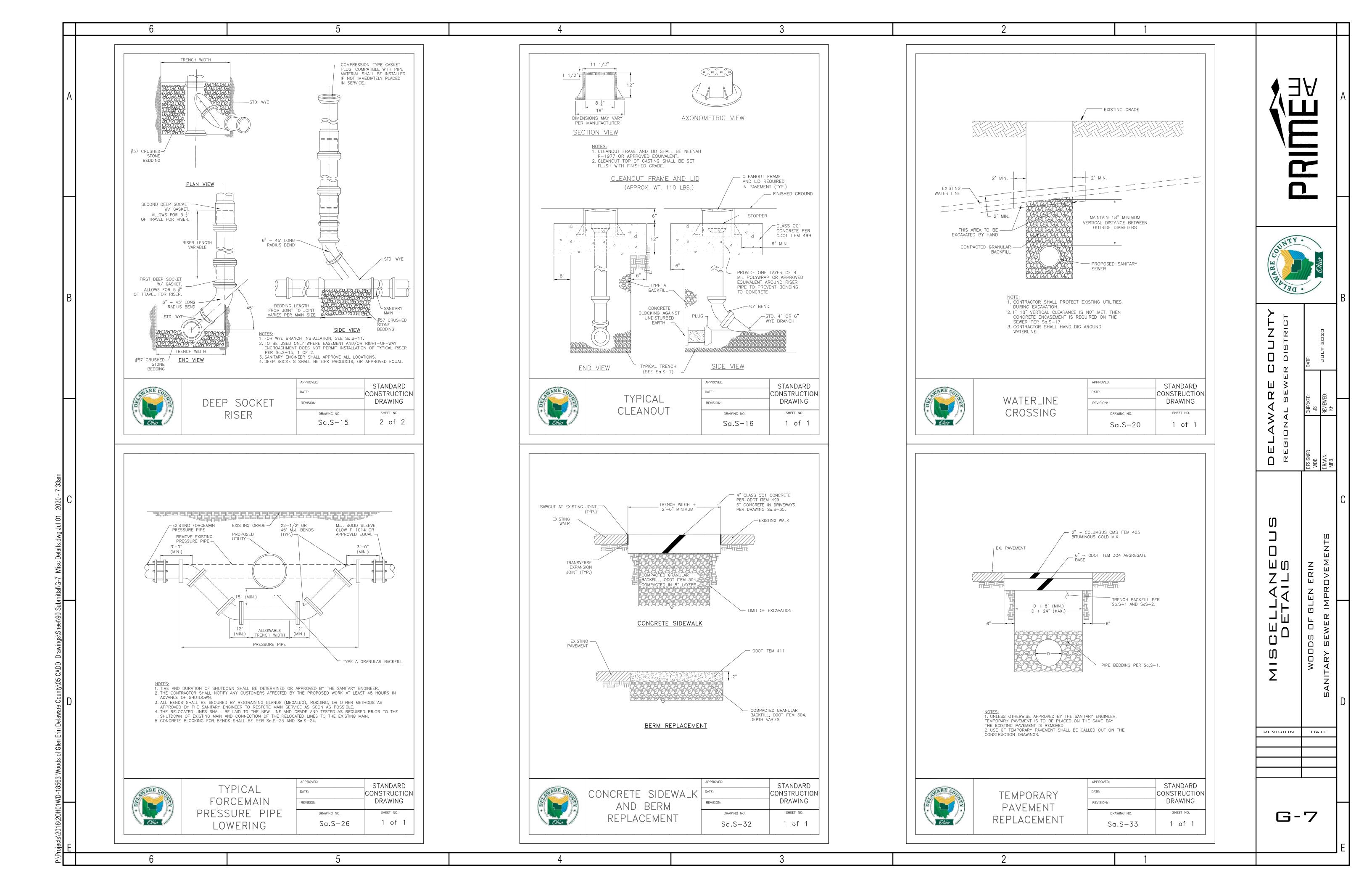
15.1.11. POSTS SHALL BE SPACED AT A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 16"). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6'.

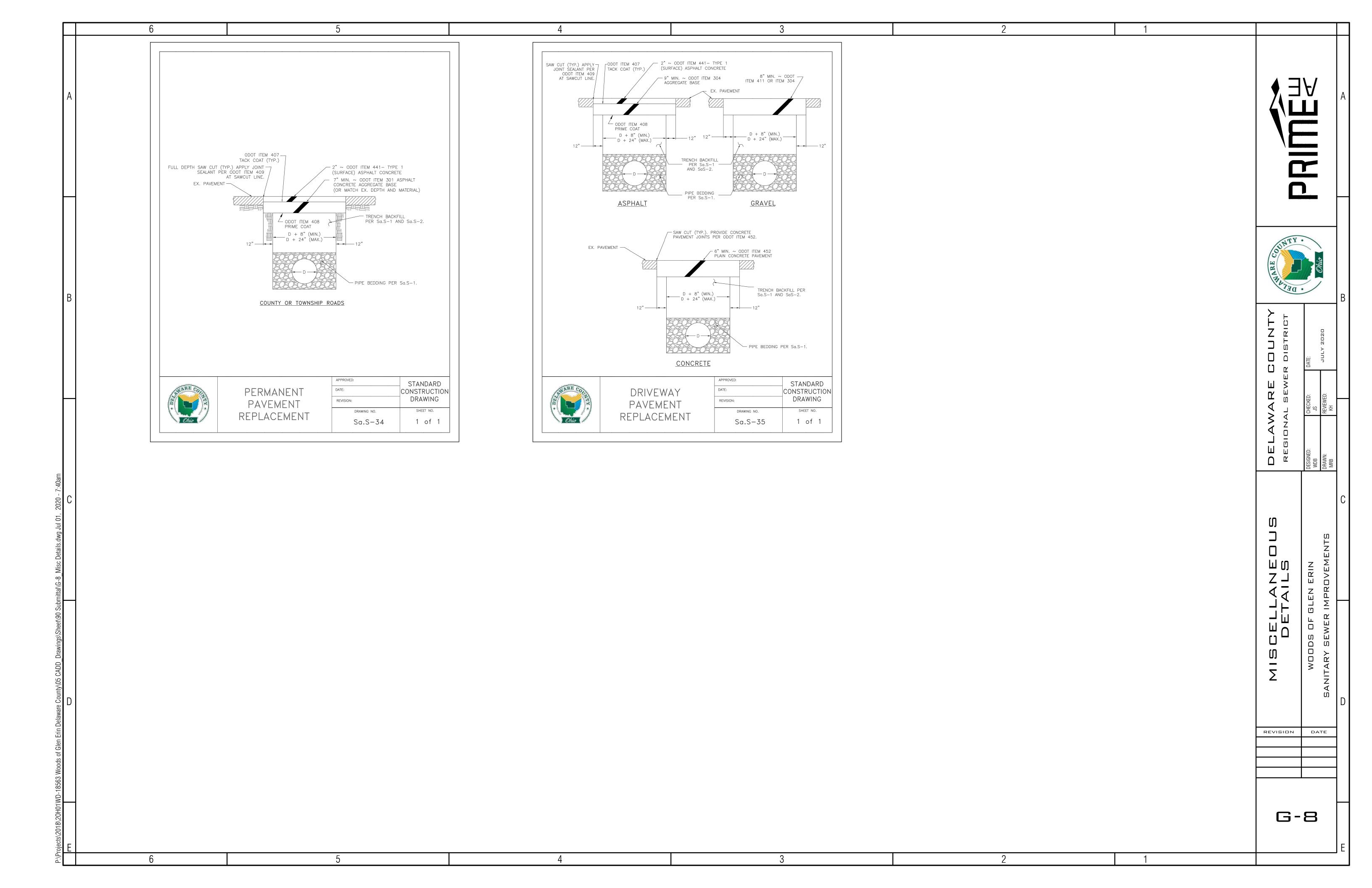
15.1.12. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1" LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2" AND SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.

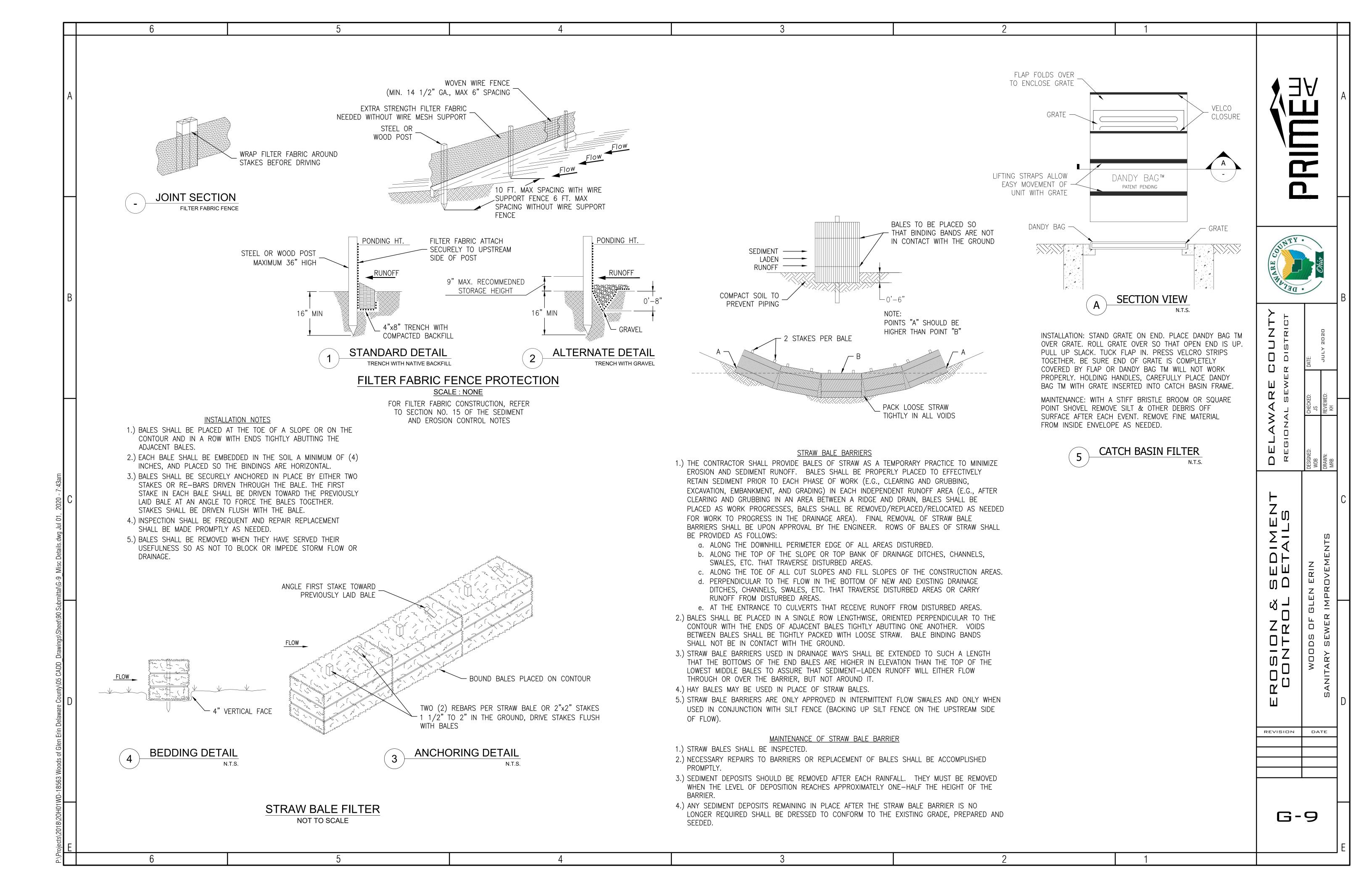
15.1.13. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8" OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

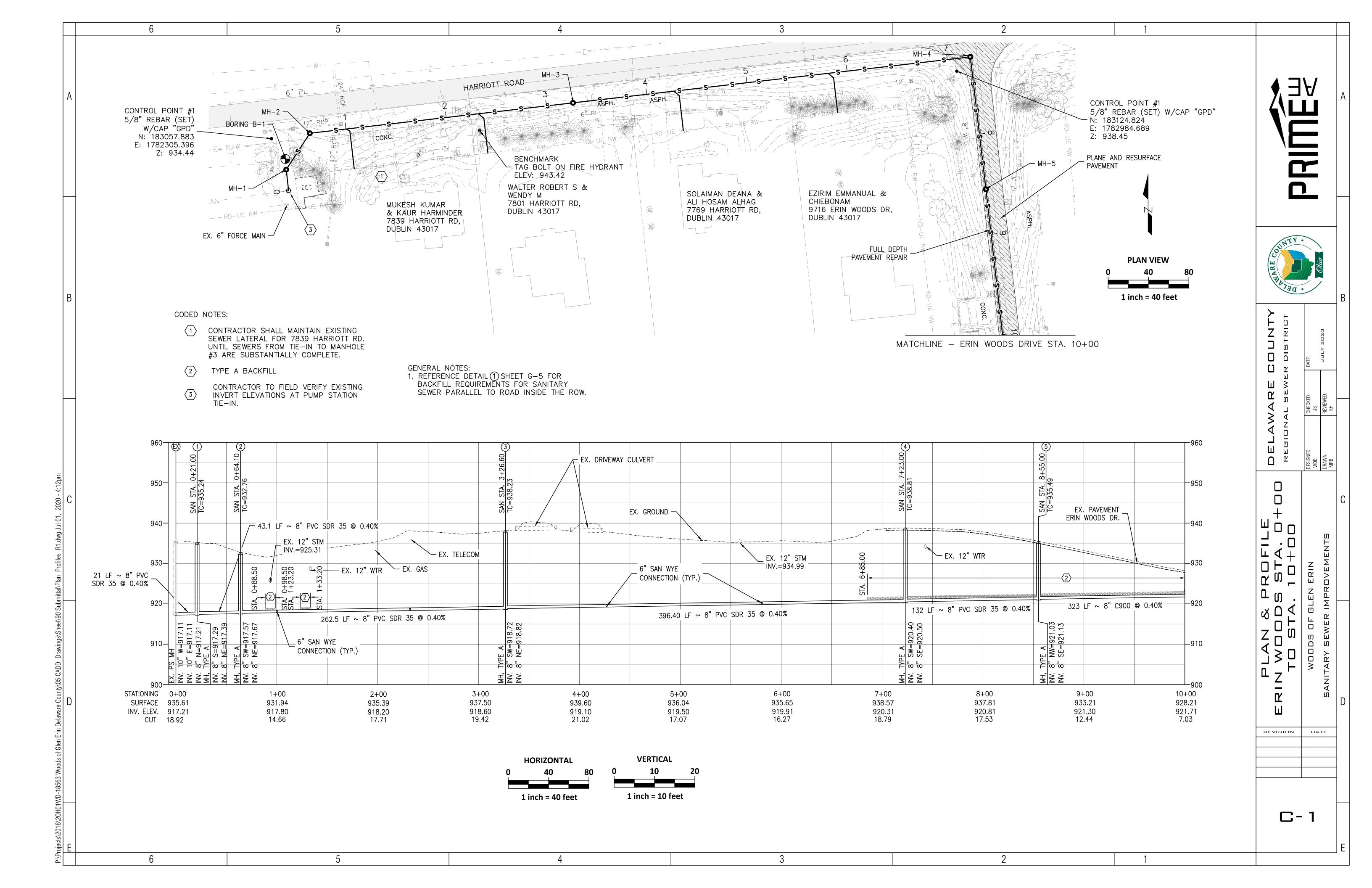


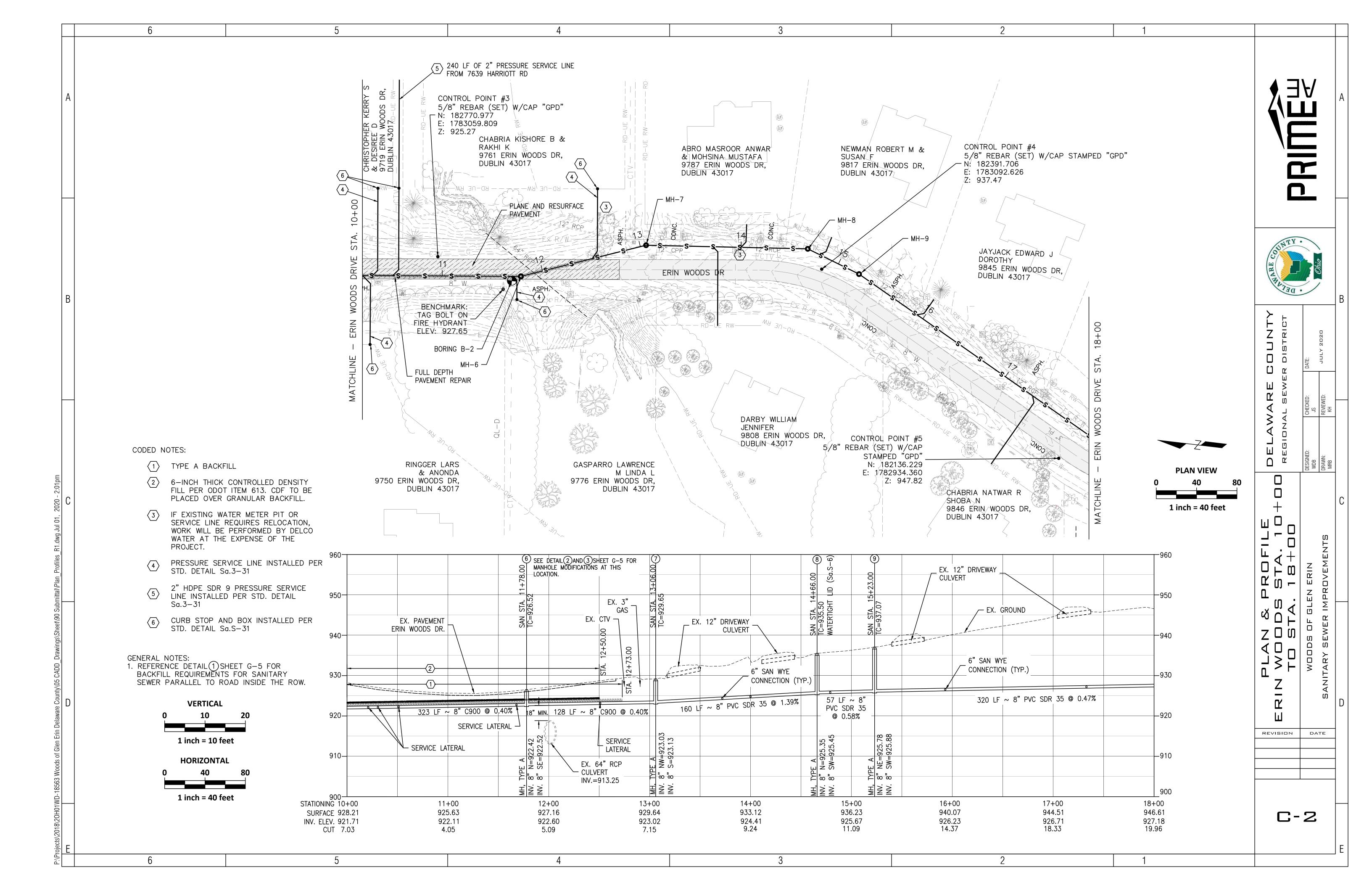


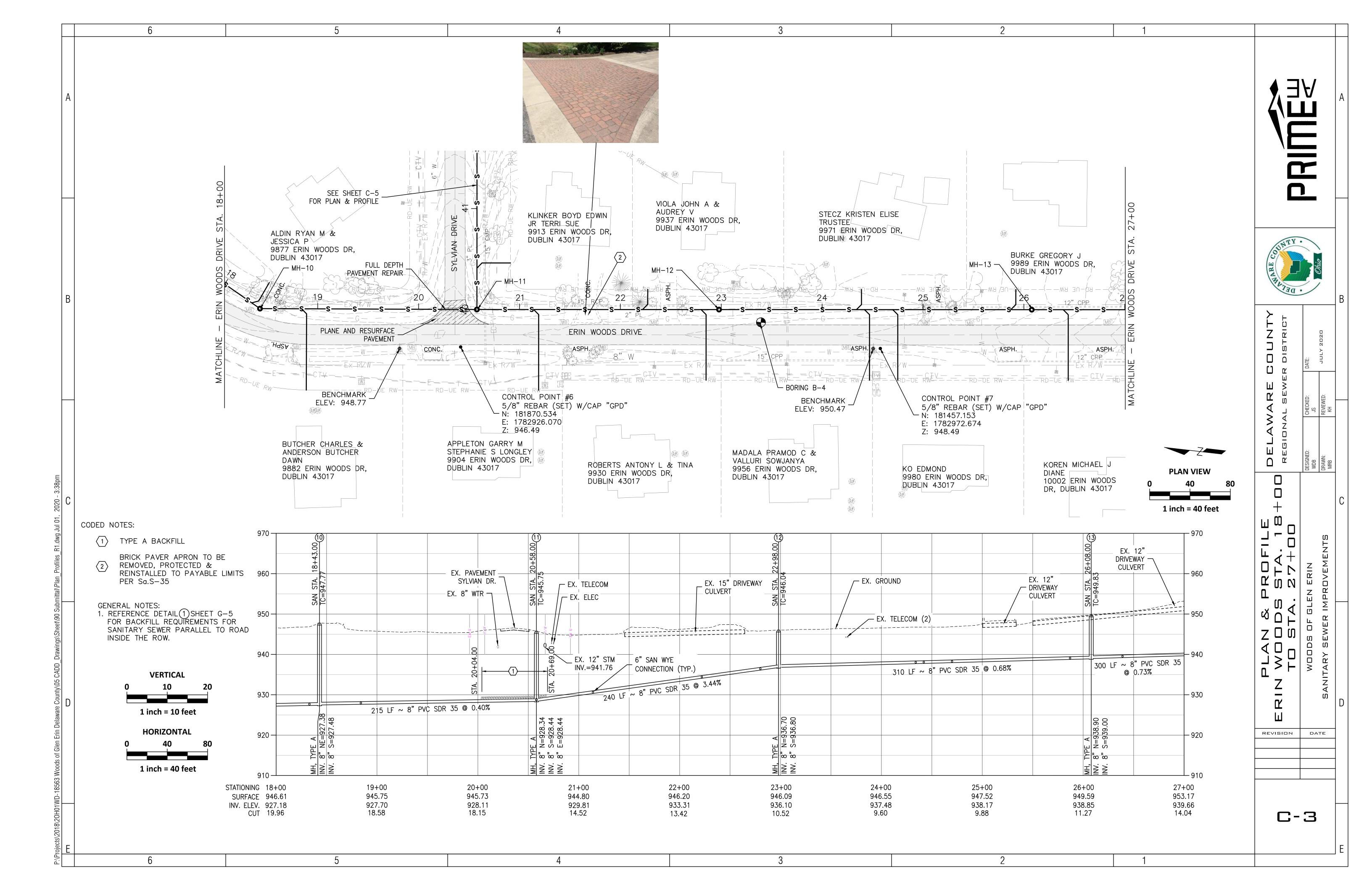


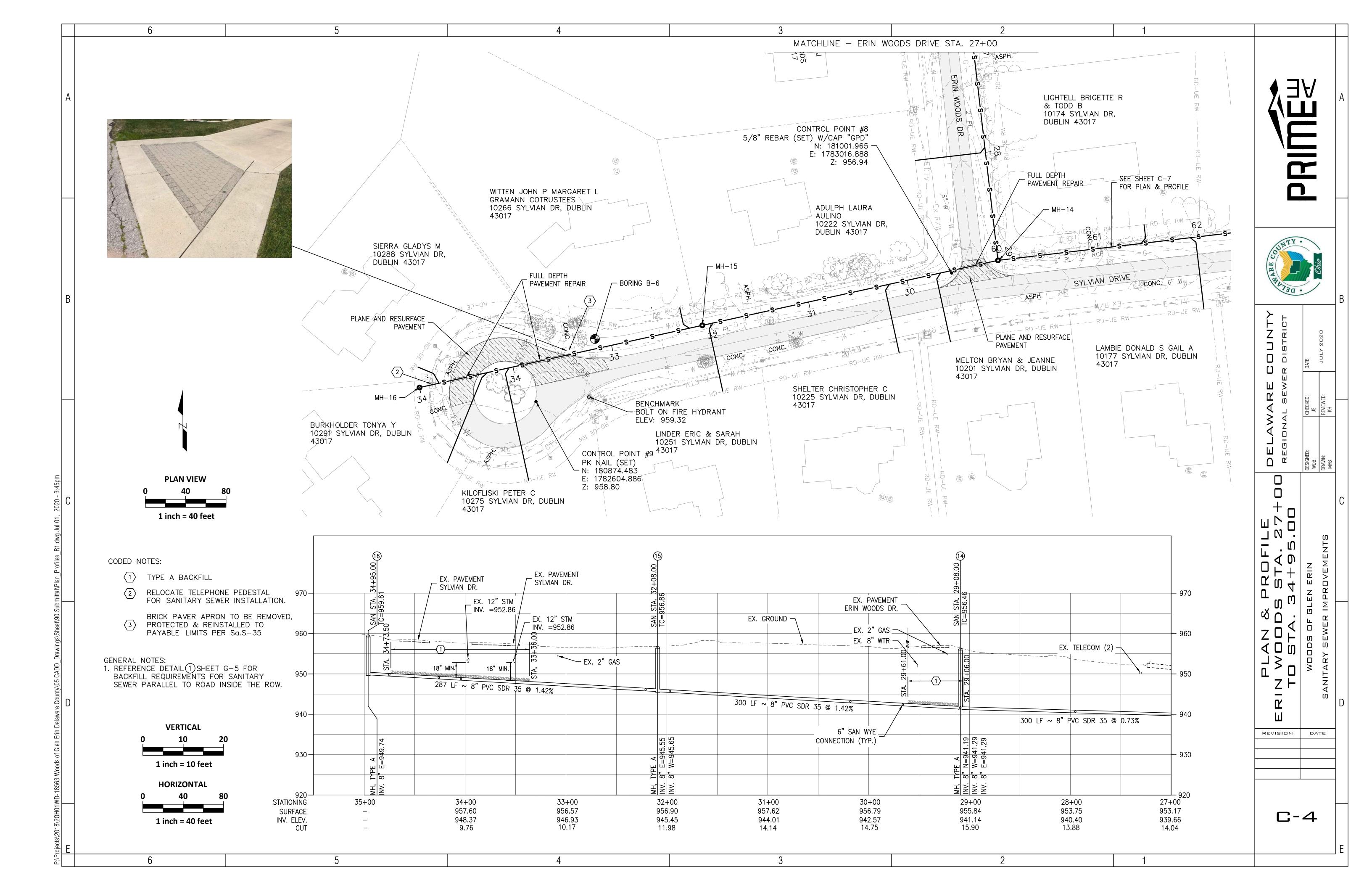


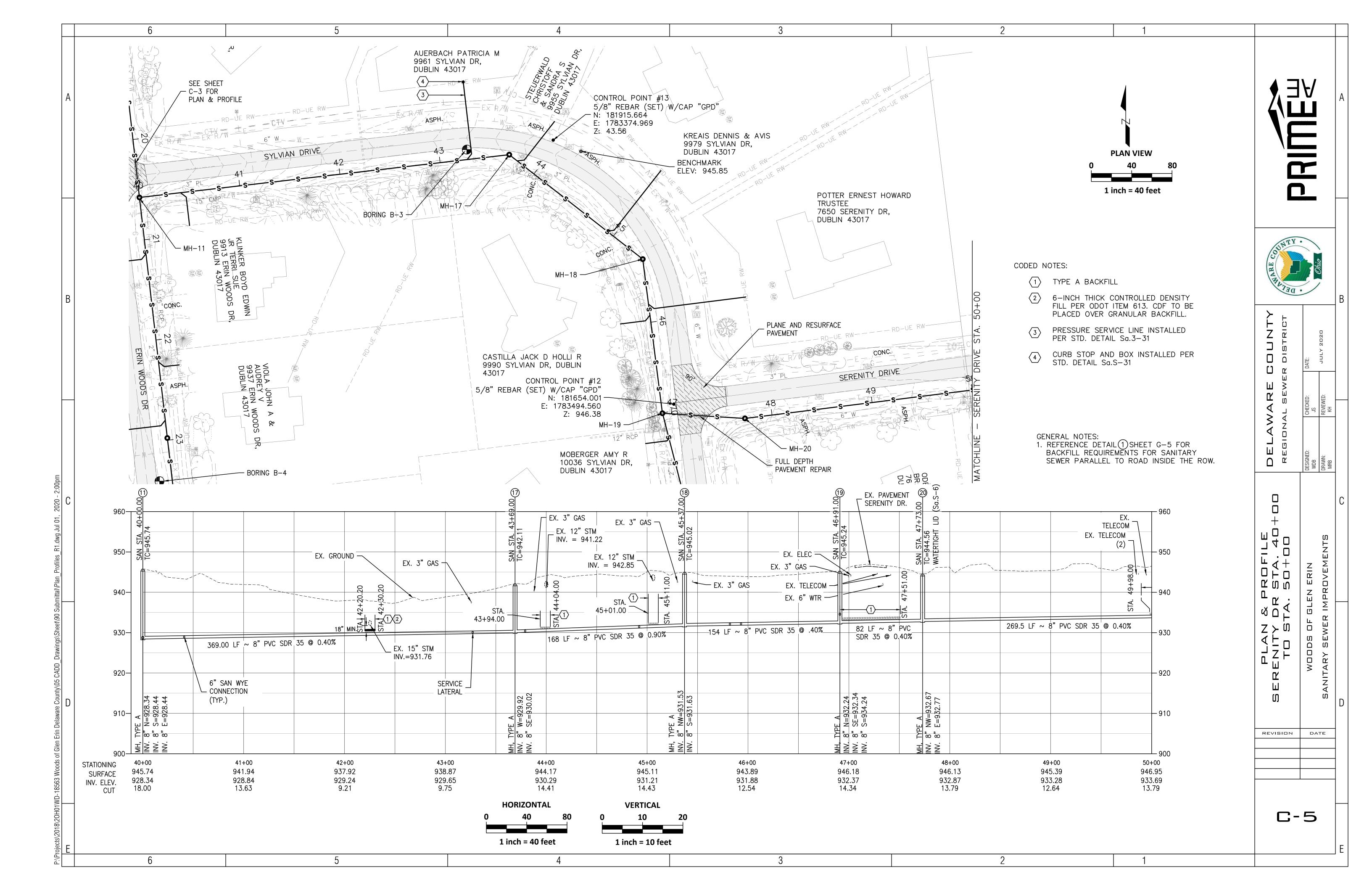


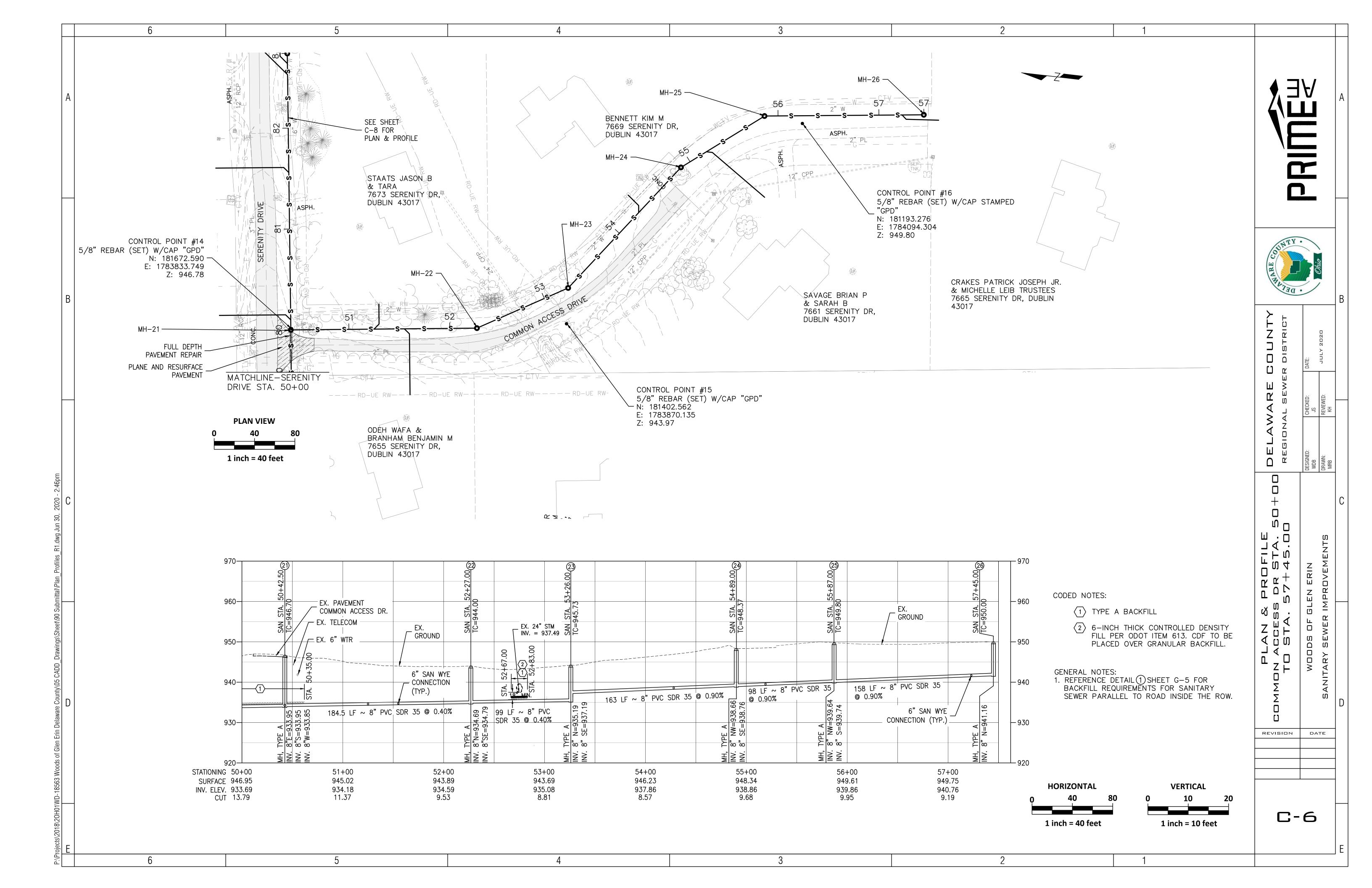


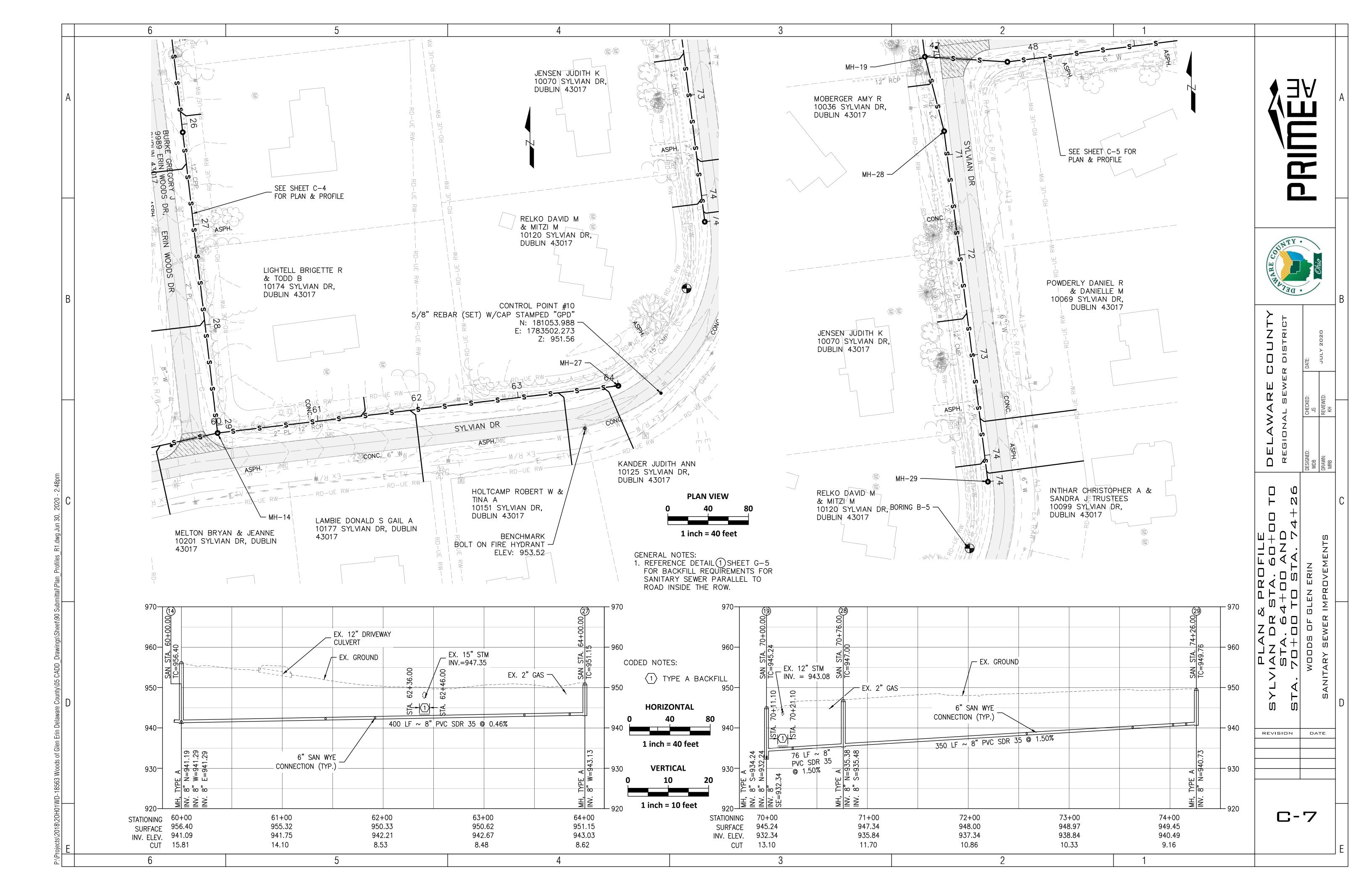


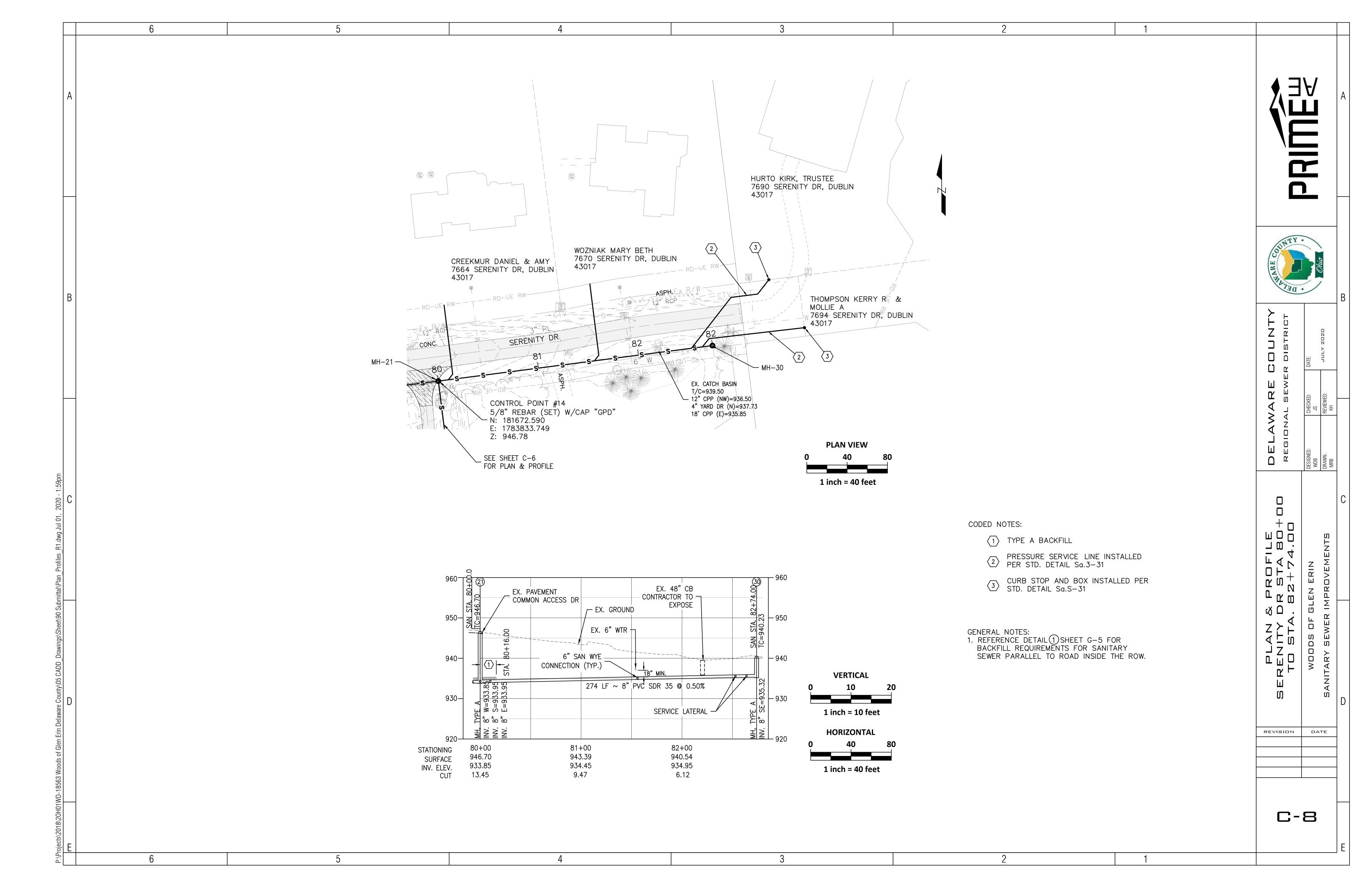












ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH OHIO DEPARTMENT OF TRANSPORTATION (ODOT) CMS ITEM 614, DCRSD CMS ITEM 315, AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), CURRENT EDITION. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID

IT IS THE INTENTION TO PERFORM ALL OF THE REQUIRED WORK WITH THE LEAST INCONVENIENCE AND THE MAXIMUM SAFETY TO THE CONTRACTOR AND THE TRAVELING PUBLIC. IN ADDITION TO THE REQUIREMENTS FOR MAINTAINING TRAFFIC AS INDICATED IN THE OMUTCD, THE FOLLOWING REQUIREMENTS APPLY:

- 1. THE INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES REQUIRED BY THE OMUTCD AS WELL AS ALL TRAFFIC CONTROL DEVICES REQUIRED BY THE MAINTENANCE OF TRAFFIC PLANS SHALL BE PROVIDED BY THE CONTRACTOR.
- 2. ALL TRAFFIC CONTROL DEVICES SHALL BE REFLECTORIZED WITH ODOT TYPE G OR TYPE H SHEETING. ALL TRAFFIC CONTROL DEVICES SHALL BE NEW OR IN LIKE—NEW CONDITION (I.E., SIGNS NOT BENT, NO INCOMPLETE LETTERS, OR BORDERS, NO DIRT OR LEGIBILITY DEFICIENCIES) AT THE START OF CONSTRUCTION. ALL POST—MOUNTED SIGNS SHALL BE MOUNTED ON THREE (3) POUNDS PER FOOT SIGN SUPPORT CHANNEL POSTS DRIVEN A MINIMUM OF THREE (3) FEET INTO THE GROUND. ALL POST—MOUNTED SIGNS OR SIGNS MOUNTED ON EXITING UTILITY POLES SHALL BE MOUNTED A MINIMUM OF SEVEN (7) FEET BETWEEN THE BOTTOM OF THE SIGN AND THE ROADWAY SURFACE. SIGNS MAY BE MOUNTED ON PORTABLE SIGN STANDS AT A MINIMUM HEIGHT OF FIVE (5) FEET TO THE BOTTOM OF THE SIGN. SIGNS MOUNTED ON TYPE III BARRICADES SHALL BE ERECTED IN ACCORDANCE WITH PLATES C—5 AND C—7 OF THE OMUTCD. ALL SIGNS SHALL BE MOUNTED AND MAINTAINED IN A PLUMB CONDITION.
- 3. VEHICULAR AND PEDESTRIAN ACCESS TO ALL RESIDENCES SHALL BE MAINTAINED AT ALL TIMES EXCEPT AS NOTED BELOW. PARTIAL CLOSURE OF EXTREMELY WIDE DRIVEWAYS ARE PERMITTED AS LONG AS A MINIMUM OF 20 FEET OF DRIVEWAY WIDTH IS MAINTAINED. THE CONTRACTOR SHALL COORDINATE ANY CHANGE IN A DRIVEWAY'S OPERATION WITH THE OWNER.

TEMPORARY MATERIAL MAY BE REQUIRED TO MAINTAIN A DRIVEWAY. THIS MATERIAL SHALL BE SUFFICIENT TO MAINTAIN HEAVY AMOUNTS OF TRAFFIC WITHOUT CONTINUOUS MAINTENANCE. USE HIGH EARLY STRENGTH CONCRETE AS DIRECTED BY THE ENGINEER FOR CONSTRUCTION OF ALL DRIVEWAY APRONS.

- 4. HAZARDOUS CONDITIONS SHALL BE CORRECTED IMMEDIATELY BY THE CONTRACTOR. BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE SANITARY ENGINEER THE NAMES AND TELEPHONE NUMBERS OF A PERSON OR PERSONS WHO CAN BE CONTACTED 24 HOURS A DAY BY DCRSD AND DELAWARE COUNTY SHERIFF'S DEPARTMENT. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR PLACING AND REPLACING NECESSARY TRAFFIC CONTROL DEVICES.
- 5. PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN PAVEMENT FOR MAINTAINING TRAFFIC SHALL CONSIST OF ½" OF ITEM 441, ASPHALT CONCRETE SURFACE COURSE, AND 10" OF ODOT ITEM 301 OR ITEM 302, ASPHALT CONCRETE BASE, AND SHALL CONFORM TO SPECIFICATION REQUIREMENTS FOR ODOT ITEM 615.
- 6. PROPERTY OWNERS SHALL BE NOTIFIED IN PERSON 48 HOURS IN ADVANCE OF A SERVICE INTERRUPTION. INTERRUPTIONS SHALL BE RESTRICTED TO OVERNIGHT HOURS FROM 9:00 PM TO 5:00 AM ONLY

OVERNIGHT TRENCH CLOSING:

THE TRENCH SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN THREE (3) INCHES BELOW EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE SANITARY ENGINEER.

AT THE END OF EACH WORK DAY, ALL LANES MUST BE OPENED TO TRAFFIC.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES OF TRAFFIC, INCLUDING SHOULDERS, SHALL BE OPEN DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS FOURTH OF JULY
NEW YEAR'S LABOR DAY
MEMORIAL DAY PRESIDENTS' DAY

THANKSGIVING DAY AFTER THANKSGIVING VETERANS' DAY MARTIN LUTHER KING JR. DAY

THE PERIOD OF TIME THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$50 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

LENGTH OF LANE CLOSURES SHALL BE CONSISTENT WITH ODOT SCD MT-97.10 MODIFIED FOR MOVING CLOSURES AND FLAGGING OPERATIONS ALONG THE ALIGNMENT ROUTE PER OMUTCD FIGURE 6C-3, UNLESS OTHERWISE DIRECTED BY THE SANITARY ENGINEER.

LENGTH AND DURATION OF LANE CLOSURES SHALL BE AT THE DISCRETION OF THE SANITARY ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE SANITARY ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL OTHER WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ODOT CMS ITEM 614, DCRSD CMS ITEM 315, AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614—MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLANS.

DUST CONTROL:

THE CONTRACTOR SHALL FURNISH AND SUPPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER.

FLOODLIGHTING:

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS:

USE OF LAW ENFORCEMENT OFFICERS (LEOs) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOs SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF ODOT CMS ITEM 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

- DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.
- FOR LANE CLOSURES: DURING INITIAL SETUP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOs SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED RECKLESS, THE PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEO(s) WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEO(s). THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

THE LEO SHALL REPORT TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. SHOULD IT BE NECESSARY FOR THE LEO TO LEAVE THE PROJECT SITE, HE/SHE SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOs (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE INCLUDED IN THE LUMP SUM BID FOR CCWRD ITEM 1110. TRAFFIC CONTROL AND MAINTENANCE.

NOTIFICATION OF TRAFFIC RESTRICTIONS:

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE SANITARY ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE SANITARY ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW. THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE TRAFFIC CONTROL DEVICES.

INFORMATION SHALL INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM WIDTH OF DRIVABLE PAVEMENT, AND ANY OTHER INFORMATION REQUESTED BY THE SANITARY ENGINEER.

ITEM	DURATION	NOTICE DUE		
ROAD CLOSURES	>=2 WEEKS >12 HOURS TO < 2WEEKS <= 12 HOURS	21 CALENDAR DAYS PRIOR 14 CALENDAR DAYS PRIOR 4 BUSINESS DAYS PRIOR		
LANE CLOSURE & RESTRICTIONS	>=2 WEEKS < 2 WEEKS	14 CALENDAR DAYS PRIOR 5 BUSINESS DAYS PRIOR		
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	14 DAYS PRIOR			

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE





REGIONAL SEWER DISTRIC
DESIGNED: CHECKED:
WDB
DRAWN: REVIEWED: JULY 2020

MAINTENANCE O
TRAFFIC NOTES

WOODS OF GLEN ERIN

REVISION DATE

MT-1

5

