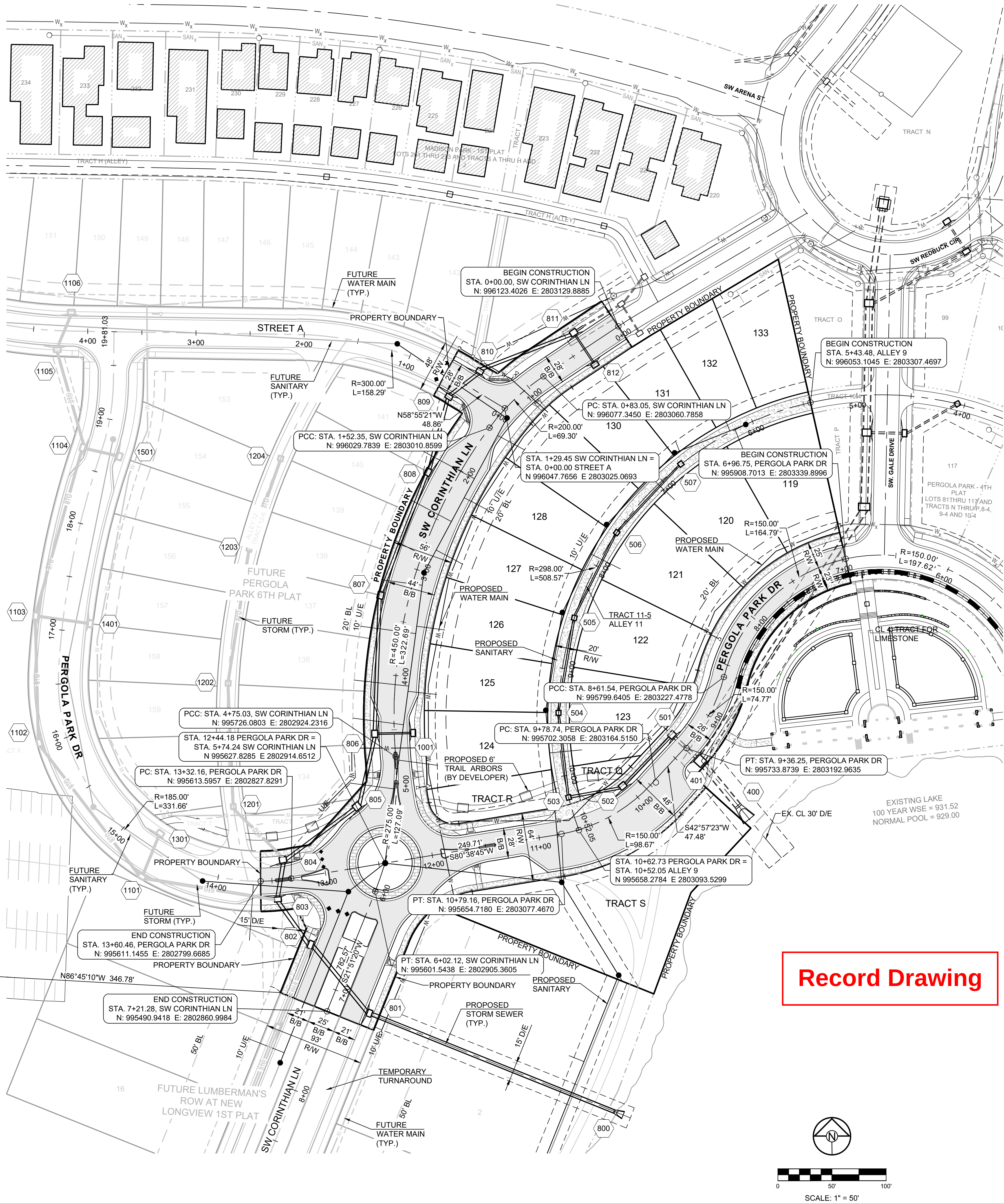


PERGOLA PARK 5TH PLAT

\\PROJECTS\2020\20-189\3.0 Design\3.0 DWG Plans\6.0 SS\20-189-SS-COVER.dwg, COVER SHEET, 1:1

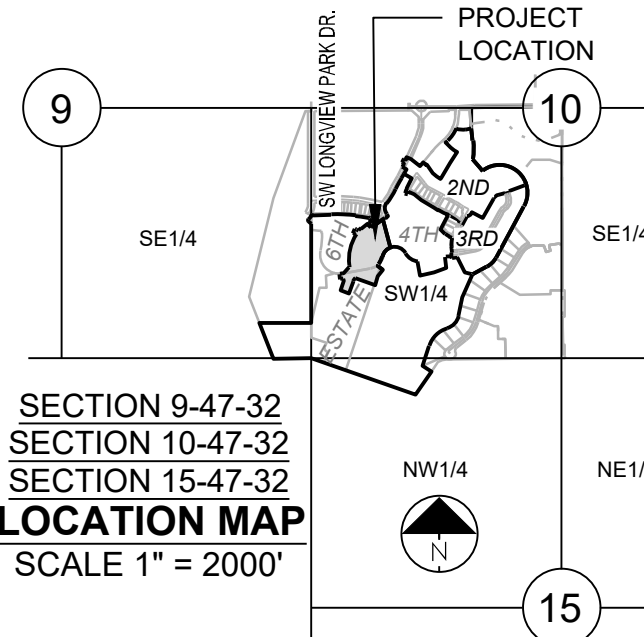


RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

“100.00 100.10”, “1.00% 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.



MISSOURI GEOGRAPHIC REFERENCE SYSTEM
BENCH MARK:

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

ELEV. 935.18

PROJECT BENCHMARK:

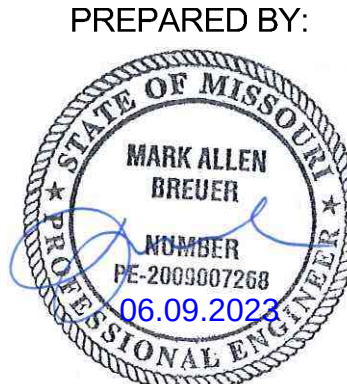
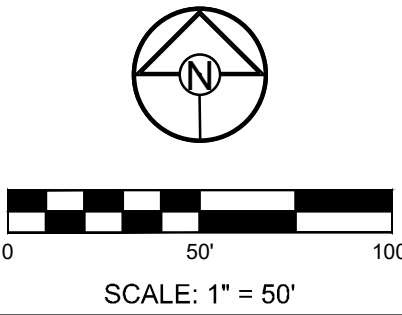
CHISELED “SQUARE” ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

SURVEY NOTES

The bases of bearing and coordinates are base on the Missouri Coordinate System of 1983, West Zone (2003 Adjustment) with a Grid Factor of 0.9999020.

Record Drawing



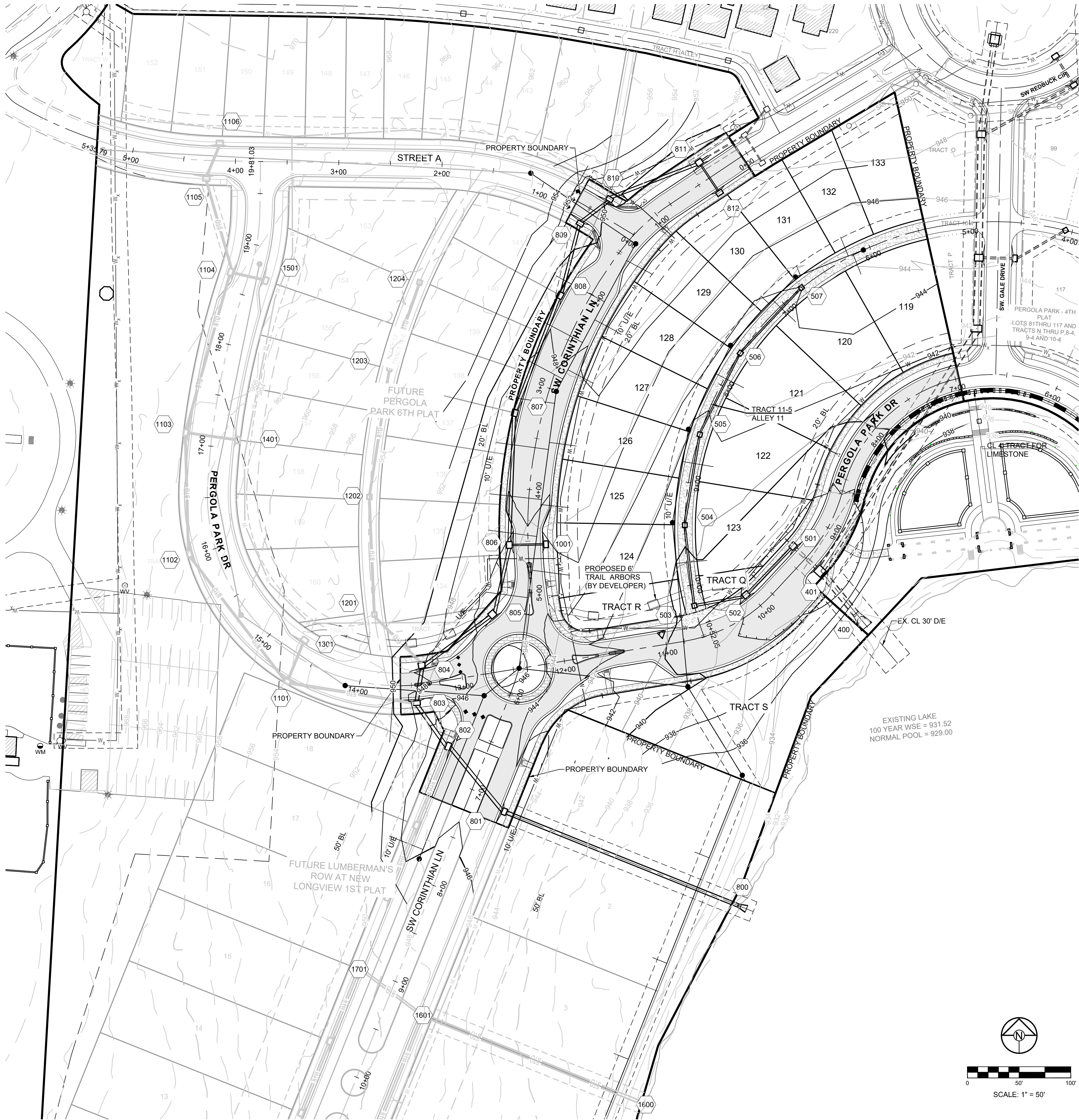
SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION DATE	DESCRIPTION
2-4-22	CITY COMMENTS
3-30-22	STREET TIE INS
11-9-22	AS-BUILTS
5-22-23	AS-BUILTS
11-8-2021	DATE PREPARED
20-189	PROJ. NUMBER

DRAWN BY: BAL	CITY COMMENTS
CHECKED BY: MAB	STREET TIE INS
DATE PREPARED: 11-8-2021	AS-BUILTS
PROJ. NUMBER: 20-189	AS-BUILTS

GENERAL LAYOUT
SHEET
2



RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

“100.00 100.10”, “1.00% 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

NOTE:

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATIONS.

- _____ DENOTES PROPOSED MAJOR CONTOUR
- _____ DENOTES PROPOSED MINOR CONTOUR
- _____ DENOTES EXISTING MAJOR CONTOUR
- _____ DENOTES EXISTING MINOR CONTOUR
- _____ DENOTES AS-BUILT MAJOR CONTOUR
- _____ DENOTES AS-BUILT MINOR CONTOUR

MISSOURI GEOGRAPHIC REFERENCE SYSTEM
BENCH MARK:

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

ELEV. 935.18

PROJECT BENCHMARK:

CHISELED “SQUARE” ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

Record Drawing

PREPARED BY:



SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

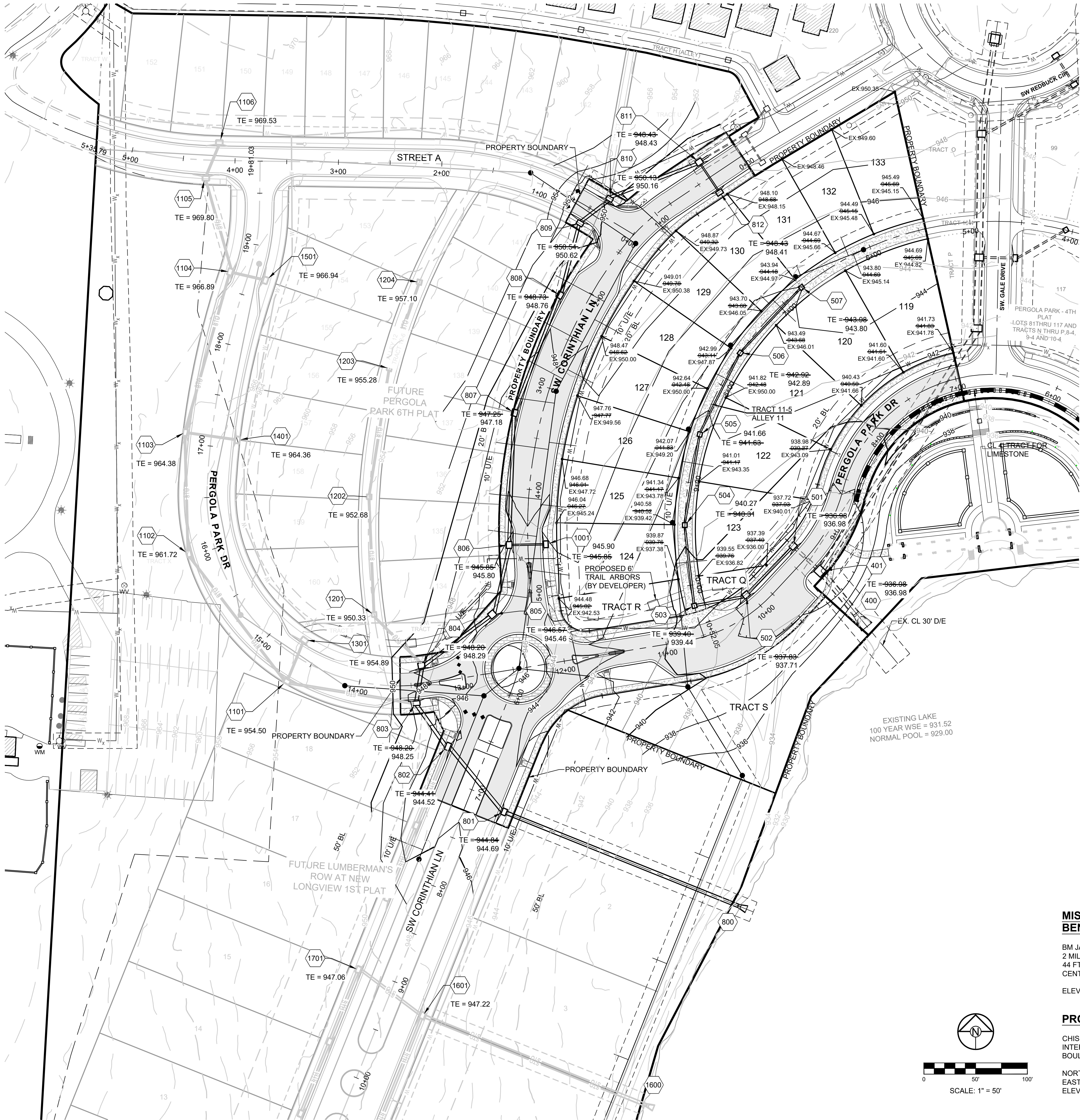
REVISION DATE	DESCRIPTION
1 2-4-22	CITY COMMENTS
2 3-30-22	CITY COMMENTS
3 11-9-22	STREET TIE INS
4 5-22-23	AS-BUILTS
5	
6	
7	
8	
9	
10	

DRAWN BY:	BAL
CHECKED BY:	MAB
DATE PREPARED:	11-16-2021
PROJ. NUMBER:	20-189

MASTER
DRAINAGE PLAN
- GRADING PLAN

SHEET

3



LOT TYPE TABLE					
LOT #	BASEMENT TYPE	FRONT MBOE	REAR MBOE	AS-BUILT FRONT MBOE	AS-BUILT REAR MBOE
119	STANDARD	942.35	945.60	942.25	945.20
120	STANDARD	942.10	945.60	942.10	944.30
121	STANDARD	941.00	944.20	940.90	944.00
122	STANDARD	939.80	943.00	939.50	942.30
123	STANDARD	940.50	943.85	938.50	941.50
124	STANDARD	946.80	941.00	946.55	941.10
125	STANDARD	947.40	941.65	947.20	941.85
126	STANDARD	948.30	942.35	948.30	942.60
127	STANDARD	948.50	943.00	949.00	943.20
128	STANDARD	950.20	943.60	949.55	943.50
129	STANDARD	950.20	944.20	949.40	944.20
130	STANDARD	949.75	944.70	948.60	944.50
131	STANDARD	949.10	945.20	949.10	945.20
132	STANDARD	950.10	945.65	950.10	945.00
133	STANDARD	950.85	946.20	950.85	946.00

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

“100.00 100.10”, “1:00% 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

NOTE:

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATIONS.

- _____ DENOTES PROPOSED MAJOR CONTOUR
- _____ DENOTES PROPOSED MINOR CONTOUR
- _____ DENOTES EXISTING MAJOR CONTOUR
- _____ DENOTES EXISTING MINOR CONTOUR
- _____ DENOTES AS-BUILT MAJOR CONTOUR
- _____ DENOTES AS-BUILT MINOR CONTOUR

MISSOURI GEOGRAPHIC REFERENCE SYSTEM
BENCH MARK:

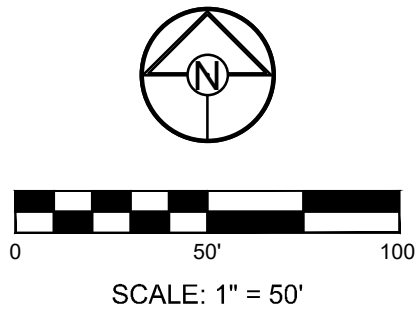
BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

ELEV. 935.18

PROJECT BENCHMARK:

CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09



Record Drawing

PREPARED BY:



SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION	DATE	DESCRIPTION
1	2-4-22	CITY COMMENTS
2	3-30-22	CITY COMMENTS
3	11-9-22	STREET TIE INS
4	5-22-23	AS-BUILTS
5		
6		
7	11-8-2021	DATE PREPARED
8		
9		
10	20-189	PROJ. NUMBER

DRAWN BY: BAL
CHECKED BY: MAB
DATE PREPARED: 11-8-2021
PROJ. NUMBER: 20-189

MASTER DRAINAGE PLAN - LOT INFO

SHEET

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023

Certified by: BAL

Title: Design Engineer

Firm: Schlager and Associates, P.A.

NOTE:

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATIONS.

- DENOTES PROPOSED MAJOR CONTOUR
- DENOTES PROPOSED MINOR CONTOUR
- DENOTES EXISTING MAJOR CONTOUR
- DENOTES EXISTING MINOR CONTOUR
- DENOTES AS-BUILT MAJOR CONTOUR
- DENOTES AS-BUILT MINOR CONTOUR



PREPARED BY:



SCHLAGER & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION DATE	DESCRIPTION
2-4-22	CITY COMMENTS
3-30-22	STREET TIE INS
5-22-23	AS-BUILTS

DRAWN BY:	BAL
CHECKED BY:	MAB
DATE PREPARED:	11-16-2021
PROJ. NUMBER:	20-189

MASTER
DRAINAGE PLAN
- DRAINAGE MAP

SHEET

5

MISSOURI GEOGRAPHIC REFERENCE SYSTEM
BENCH MARK:

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

ELEV. 935.18

PROJECT BENCHMARK:

CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

Record Drawing



Record Drawing

FUTURE

FUTURE

GUTTER SPREAD AND INLET CAPACITY CALCULATIONS - PERGOLA PARK 4TH PLAT																						
DESIGN STORM "K" FACTOR		10 1.00							CURB TYPE "A" = LAZY BACK CURB TYPE "B" = HIGH BACK													
RUNOFF CALCULATIONS											INLET DESIGN							GUTTER DESIGN				
INLET #	COMPOSITE "C"	AREA	INLET Tc	INTENSITY	RUNOFF	UPSTREAM INLET	UPSTREAM INLET	UPSTREAM INLET	UPSTREAM INLET	BYPASS FROM UPSTREAM INLET	TOTAL RUNOFF	STREET GRADE	CROSS SLOPE	CURB TYPE	INLET LENGTH	EFFECTIVE LENGTH 80% CAP	INLET INTERCEPTION	BYPASS TO DOWNSTREAM INLET	STREET GRADE	STREET CROSS SLOPE	DEPTH AT CURB	SPREAD OF FLOW
EXISTING LINE 4																						
401	0.66	2.40	5	7.35	11.64	801	802	803		0.93	12.57	SUMP	2.08	A	8	6.4	17.92	0.00	SUMP	2.08	< 0.21	< 10.50
402	0.66	0.04	5	7.35	0.19	403				0.02	0.21	3.24	2.08	A	6	4.8	0.20	0.00	3.24	2.08	0.06	3.48
403	0.66	0.07	5	7.35	0.34	404				0.01	0.35	3.24	2.08	A	6	4.8	0.33	0.02	3.24	2.08	0.08	4.12
404	0.66	0.06	5	7.35	0.29					0.00	0.29	3.24	2.08	A	6	4.8	0.28	0.01	3.24	2.08	0.07	3.88
LINE 5																						
501	0.66	1.06	5	7.35	5.14	402	502			1.09	6.24	SUMP	2.08	A	6	4.8	13.44	0.00	SUMP	2.08	< 0.21	< 10.50
502	0.66	0.57	5	7.35	2.77	804	503	806	901	0.84	3.61	1.95	2.08	A	6	4.8	2.52	1.09	1.95	2.08	0.20	10.05
503	0.66	0.26	5	7.35	1.26	504				0.33	1.59	1.49	2.08	A	4	3.2	1.33	0.26	1.49	2.08	0.15	7.89
504	0.66	0.29	5	7.35	1.41	505				0.40	1.81	1.49	2.08	A	4	3.2	1.48	0.33	1.49	2.08	0.16	8.25
505	0.66	0.33	5	7.35	1.60	506				0.41	2.01	1.49	2.08	A	4	3.2	1.61	0.40	1.49	2.08	0.17	8.57
506	0.66	0.29	5	7.35	1.41	507				0.63	2.03	1.49	2.08	A	4	3.2	1.63	0.41	1.49	2.08	0.17	8.60
507	0.66	0.58	5	7.35	2.81					0.00	2.81	1.13	2.08	A	4	3.2	2.19	0.63	1.13	2.08	0.20	10.14
LINE 8																						
801	0.51	0.49	5	7.35	1.84	1601				0.12	1.96	1.12	2.08	A	6	4.8	1.77	0.20	1.12	2.08	0.18	8.93
802	0.51	0.51	5	7.35	1.91	1701	1801			0.25	2.16	1.12	2.08	A	6	4.8	1.92	0.24	1.12	2.08	0.18	9.24
803	0.66	0.12	5	7.35	0.58	1101				1.61	2.19	3.00	2.08	A	6	4.8	1.70	0.49	3.00	2.08	0.15	7.81
804	0.66	0.22	5	7.35	1.07	1301	1201			0.67	1.74	3.00	2.08	A	6	4.8	1.43	0.31	3.00	2.08	0.14	7.20
805	0.66	0.12	5	7.35	0.58					0.00	0.58	3.00	2.08	A	6	4.8	0.55	0.03	3.00	2.08	0.09	4.94
806	0.66	0.40	5	7.35	1.94	807				0.23	2.17	1.28	2.08	A	6	4.8	1.90	0.27	1.28	2.08	0.18	9.04
807	0.66	0.40	5	7.35	1.94	808				0.07	2.01	1.28	2.08	A	6	4.8	1.78	0.23	1.28	2.08	0.17	8.80
808	0.66	0.19	5	7.35	0.92	809				0.24	1.16	1.28	2.08	A	6	4.8	1.09	0.07	1.28	2.08	0.14	7.25
809	0.66	0.32	5	7.35	1.55					0.00	1.55	2.75	2.08	A	6	4.8	1.32	0.24	2.75	2.08	0.14	7.03
810	0.66	0.21	5	7.35	1.02	1106				0.00	1.02	2.75	2.08	A	6	4.8	0.92	0.10	2.75	2.08	0.12	6.08
811	0.66	2.32	5	7.35	11.25	810				0.10	11.35	SUMP	2.08	A	6	4.8	16.80	0.00	SUMP	2.08	< 0.21	< 10.50
812	0.66	0.13	5	7.35	0.63					0.00	0.63	SUMP	2.08	A	6	4.8	16.80	0.00	SUMP	2.08	< 0.21	< 10.50
LINE 1000																						
1001	0.66	0.31	5	7.35	1.50					0.00	1.50	1.28	2.08	A	6	4.8	1.38	0.12	1.28	2.08	0.15	7.94
LINE 1100																						
1101	0.66	0.55	5	7.35	2.67	1102				0.77	3.44	6.02	2.08	A	6	4.8	1.83	1.61	6.02	2.08	0.16	8.09
1102	0.66	0.34	5	7.35	1.65	1103				0.59	2.24	6.02	2.08	A	6	4.8	1.47	0.77	6.02	2.08	0.13	6.97
1103	0.66	0.56	5	7.35	2.72	1104				0.15	2.87	1.80	2.08	A	6	4.8	2.28	0.59	1.80	2.08	0.19	9.40
1104	0.66	0.30	5	7.35	1.46	1105				0.01	1.46	1.80	2.08	A	6	4.8	1.31	0.15	1.80	2.08	0.14	7.41
1105	0.66	0.09	5	7.35	0.44					0.00	0.44	1.50	2.08	A	6	4.8	0.43	0.01	1.50	2.08	0.09	5.04
1106	0.66	0.07	5	7.35	0.34					0.00	0.34	1.50	2.08	A	6	4.8	0.34	0.00	1.50	2.08	0.09	4.64
LINE 1200																						
1201	0.66	0.35	5	7.35	1.70	1202				0.49	2.19	2.45	2.08	A	4	3.2	1.64	0.55	2.45	2.08	0.16	8.08
1202	0.66	0.38	5	7.35	1.84	1203				0.20	2.05	2.45	2.08	A	4	3.2	1.56	0.49	2.45	2.08	0.15	7.90
1203	0.66	0.25	5	7.35	1.21	1204				0.07	1.28	2.45	2.08	A	4	3.2	1.08	0.20	2.45	2.08	0.13	6.71
1204	0.66	0.15	5	7.35	0.73					0.00	0.73	2.45	2.08	A	4	3.2	0.66	0.07	2.45	2.08	0.10	5.52
LINE 1300																						
1301	0.66	0.17	5	7.35	0.82	1401				0.03	0.86	6.02	2.08	A	6	4.8	0.73	0.12	6.02	2.08	0.09	5.01
LINE 1400																						
1401	0.66	0.15	5	7.35	0.73	1501				0.01	0.74	1.80	2.08	A	6	4.8	0.70	0.03	1.80	2.08	0.11	5.84
LINE 1500																						
1501	0.66	0.09	5	7.35	0.44					0.00	0.44	1.80	2.08	A	6	4.8	0.43	0.01	1.80	2.08	0.09	4.89
LINE 1600																						
1601	0.51	0.47	5	7.35	1.76	1602				0.25	2.01	1.12	2.08	A	6	4.8	1.81	0.21	1.12	2.08	0.18	9.01
1602	0.51	0.59	5	7.35	2.21					0.00	2.21	1.12	2.08	A	6	4.8	1.96	0.25	1.12	2.08	0.18	9.32
1603	0.51	0.49	5	7.35	1.84	1604				0.26	2.09	1.12	2.08	A	6	4.8	1.87	0.22	1.12	2.08	0.18	9.14
1604	0.51	0.47	5	7.35	1.76	1605				0.47	2.23	1.12	2.08	A	6	4.8	1.97	0.26	1.12	2.08	0.18	9.35
1605	0.51	0.80	5	7.35	3.00					0.00	3.00	1.12	2.08	A	6	4.8	2.53	0.47	1.12	2.08	0.21	10.39
LINE 1700																						
1701	0.51	0.84	5	7.35	3.15	1702				0.35	3.50	1.12	2.08	A	6	4.8	2.86	0.64	1.12	2.08	0.22	10.97
1702	0.51	0.60	5	7.35	2.25	1703				0.34	2.59	1.12	2.08	A	6	4.8	2.24	0.35	1.12	2.08	0.19	9.85
1703	0.51	0.62	5	7.35	2.32	1603				0.22	2.55	1.12	2.08	A	6	4.8	2.21	0.34	1.12	2.08	0.19	9.80
LINE 1800																						
1801	0.51	0.51	5	7.35	1.91	1802				0.77	2.68	1.12	2.08	A	6	4.8	2.31	0.37	1.12	2.08	0.20	9.98
1802	0.51	0.86	5	7.35	3.22	1701				0.64	3.86	1.12	2.08	A	6	4.8	3.09	0.77	1.12	2.08	0.23	11.37
NOTES: 1. CAPACITY OF INLETS ON GRADE DETERMINED USING ROUTINE OUTLINED ON PGS 56-95 TO 56-97, SECTION 5600 APWA 2. CAPACITY OF SUMP INLETS CALCULATED USING FIGURE 5604-21, SECTION 5600 APWA 3. MANNINGS "n" VALUE FOR COMBINED ASPHALT PAVEMENT AND CONCRETE CURB - 0.014																						

FUTURE

Record Drawing

SCHLAGEL

ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS

14920 West 107th Street • Lenexa, Kansas 66215
(913) 492-5158 • Fax: (913) 492-8400
WWW.SCHLAGELASSOCIATES.COM
Missouri State Certificates of Authority
#E2002003600-F #LAC200100237 #LS200200859-F

PREPARED BY:

STATE OF MISSOURI

MARK ALLEN BREUER

NUMBER
PE-2003007268
06.09.2022

PROFESSIONAL ENGINEER

SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT

STREET, STORMWATER, MASTER DRAINAGE

PLAN & EROSION AND SEDIMENT CONTROL

- LEE'S SUMMIT, MISSOURI

REVISION		DATE	DESCRIPTION
DRAWN BY:	BAL	2-4-22	CITY COMMENTS
CHECKED BY:	MAB	3-30-22	STREET TIE INS
DATE PREPARED:		11-9-22	AS-BUILTS
PROJ. NUMBER:		5-22-23	
		11-16-2021	
		20-189	
MASTER DRAINAGE PLAN - DRAINAGE CALCS			
SHEET			

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.



EROSION AND SEDIMENT CONTROL STAGING CHART					
PRE-CLEARING PHASE	PROJECT STAGE	BMP PLAN REF. NO	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
	A - PRIOR TO LAND DISTURBANCE	1	CONSTRUCTION ENTRANCE & STAGING AREA	D	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY
		2	SILT FENCE WITH WOVEN WIRE FENCING	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
		3	EXISTING INLET PROTECTION	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
CONSTRUCTION PHASE	B - MASS GRADING	4	SILT FENCE (DURING CONSTRUCTION)	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
	C - UTILITY CONSTRUCTION	5	CONCRETE WASHOUT AREA	E	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY
		6	INLET PROTECTION (SILT FENCE)	D/E	PLACE SILT FENCE AROUND ALL STORM SEWER STRUCTURES / YARD AREA STORM STRUCTURES TO HAVE SILT FENCE REMOVED ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
FINAL STABILIZATION PHASE	D - AFTER PAVING OPERATIONS	7	INLET PROTECTION (GRAVEL FILTER BAGS)	E	BOARDS SHALL BE PLACED IN FRONT OF INLET OPENING FROM THE TIME SILT FENCE IS REMOVED UNTIL SUCH TIME THAT THE CURB / THROAT IS POURED. PLACE GRAVEL FILTER BAGS AT THE OPENING OF ALL CURB INLETS IMMEDIATELY AFTER THE INLET THROATS ARE POURED
		8	SEEDING AND MULCHING	E	ALL DISTURBED AREAS AFTER 14 DAYS OF CONSTRUCTION INACTIVITY
	E - UNTIL CLOSURE OF LAND DISTURBANCE PERMIT				ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED ANY TIME CURRENT MEASURES ARE FOUND TO BE INEFFECTIVE.

LEGEND			
	TEMP. CONSTRUCTION ENTRANCE AND STAGING AREA		SILT FENCE WITH WOVEN WIRE FENCING
	CONCRETE WASHOUT AREA		SILT FENCE (PRIOR TO LAND DISTURBANCE)
	SILT FOAM DIKE - STAKED & INSTALL PER MFR'S RECOMMENDATIONS		SILT FENCE (DURING CONSTRUCTION)
	BMP PLAN REF. NO.		LIMITS OF DISTURBANCE
	SILT FENCE FOR INLET PROTECTION PRIOR TO STRUCTURE TOP		EXISTING CONTOURS
			PROPOSED CONTOURS
			GRAVEL FILTER FOR STORM SEWER STRUCTURES ONLY

DISTURBED AREA = 6.27 A.C.

SITE SPECIFIC NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.
- THERE ARE NO WETLANDS, NATURAL OR ARTIFICIAL WATER STORAGE DETENTION AREAS IN THE PROJECT AREA.
- NO PART OF THE PROJECT LIES WITHIN THE 100 YEAR FLOOD PLAIN PER FEMA FLOOD INSURANCE RATE MAP NUMBER 29095C0414G DATED JANUARY 20TH, 2017.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED ACCORDING TO THE BMP STAGING CHART.
- ADDITIONAL EROSION CONTROL MAY BE REQUIRED BY THE CITY ENGINEER AT ANY TIME EXISTING MEASURES ARE FOUND TO BE INEFFECTIVE OR PROBLEMATIC AREAS ARE NOTED IN THE FIELD.
- STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER SOIL DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE SOIL STABILIZING BMP'S. INITIAL STABILIZATION ACTIVITIES MUST BE COMPLETED WITHIN 14 DAYS AFTER SOIL DISTURBING ACTIVITIES CEASE.
- ALL PERIMETER SILT FENCE, EARTH DIKES, SEDIMENT BASINS, AND ROCK CONSTRUCTION ENTRANCES WILL BE INSTALLED BEFORE GRADING OPERATIONS BEGIN.
- SILT FENCE AND EARTH DIKES THAT ARE PLACED BEFORE GRADING BEGINS WILL BE MAINTAINED BY THE GRADING CONTRACTOR.
- AREAS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE SODDED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE.

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

“100.00 100.10”, “1.00% 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

MISSOURI GEOGRAPHIC REFERENCE SYSTEM BENCH MARK:

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

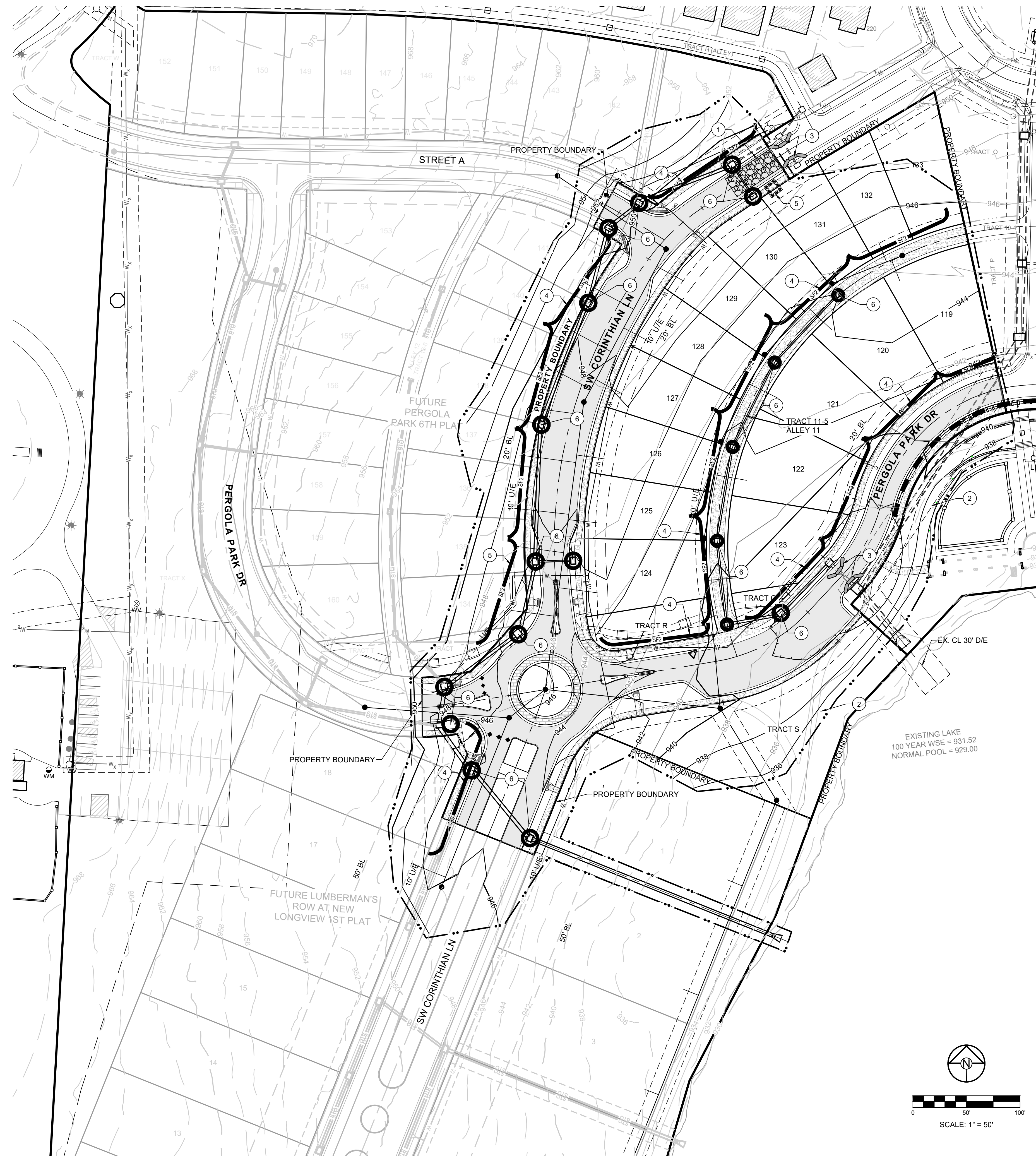
ELEV. 935.18

PROJECT BENCHMARK:

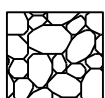
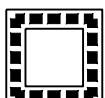
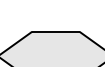
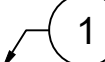
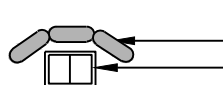
CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

Record Drawing



EROSION AND SEDIMENT CONTROL STAGING CHART					
PROJECT STAGE		BMP PLAN REF. NO	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
PRE-CLEARING PHASE	A - PRIOR TO LAND DISTURBANCE	1	CONSTRUCTION ENTRANCE & STAGING AREA	D	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY
		2	SILT FENCE WITH WOVEN WIRE FENCING	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
		3	EXISTING INLET PROTECTION	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
CONSTRUCTION PHASE	B - MASS GRADING	4	SILT FENCE (DURING CONSTRUCTION)	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
	C - UTILITY CONSTRUCTION	5	CONCRETE WASHOUT AREA	E	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY
FINAL STABILIZATION PHASE		D - AFTER PAVING OPERATIONS	6	INLET PROTECTION (SILT FENCE)	D/E
	7		INLET PROTECTION (GRAVEL FILTER BAGS)	E	BOARDS SHALL BE PLACED IN FRONT OF INLET OPENING FROM THE TIME SILT FENCE IS REMOVED UNTIL SUCH TIME THAT THE CURB / THROAT IS POURED. PLACE GRAVEL FILTER BAGS AT THE OPENING OF ALL CURB INLETS IMMEDIATELY AFTER THE INLET THROATS ARE POURED
	8		SEEDING AND MULCHING	E	ALL DISTURBED AREAS AFTER 14 DAYS OF CONSTRUCTION INACTIVITY
	E - UNTIL CLOSURE OF LAND DISTURBANCE PERMIT				ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED ANY TIME CURRENT MEASURES ARE FOUND TO BE INEFFECTIVE.

LEGEND	
	TEMP. CONSTRUCTION ENTRANCE AND STAGING AREA
	CONCRETE WASHOUT AREA
	SILT FOAM DIKE - STAKED & INSTALL PER MFR'S RECOMMENDATIONS
	BMP PLAN REF. NO.
	SILT FENCE FOR INLET PROTECTION PRIOR TO STRUCTURE TOP
	SUPER SEDIMENT SILT FENCE (PRIOR TO LAND DISTURBANCE)
	SILT FENCE (PRIOR TO LAND DISTURBANCE)
	SILT FENCE (DURING CONSTRUCTION)
	LIMITS OF DISTURBANCE
	EXISTING CONTOURS
	PROPOSED CONTOURS
	GRAVEL FILTER FOR STORM SEWER STRUCTURES ONLY

DISTURBED AREA = 6.27 A.C

SITE SPECIFIC NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.
2. THERE ARE NO WETLANDS, NATURAL OR ARTIFICIAL WATER STORAGE DETENTION AREAS IN THE PROJECT AREA.
3. NO PART OF THE PROJECT LIES WITHIN THE 100 YEAR FLOOD PLAIN PER FEMA FLOOD INSURANCE RATE MAP NUMBER 29085C0414G DATED JANUARY 20TH, 2017.
4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED ACCORDING TO THE BMP STAGING CHART.
5. ADDITIONAL EROSION CONTROL MAY BE REQUIRED BY THE CITY ENGINEER AT ANY TIME EXISTING MEASURES ARE FOUND TO BE INEFFECTIVE OR PROBLEMATIC AREAS ARE NOTED IN THE FIELD.
6. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER SOIL DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE SOIL STABILIZING BMPs. INITIAL STABILIZATION ACTIVITIES MUST BE COMPLETED WITHIN 14 DAYS AFTER SOIL DISTURBING ACTIVITIES CEASE.
7. ALL PERIMETER SILT FENCE, EARTH DIKES, SEDIMENT BASINS, AND ROCK CONSTRUCTION ENTRANCES WILL BE INSTALLED BEFORE GRADING OPERATIONS BEGIN.
8. SILT FENCE AND EARTH DIKES THAT ARE PLACED BEFORE GRADING BEGINS WILL BE MAINTAINED BY THE GRADING CONTRACTOR.
9. AREAS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE SODDED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE.

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlagel and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
 Certified by: BAL
 Title: Design Engineer
 Firm: Schlagel and Associates, P.A.

MISSOURI GEOGRAPHIC REFERENCE SYSTEM
BENCH MARK:

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

ELEV. 935.18

PROJECT BENCHMARK:

CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST
INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW
BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

Record Drawing



SCHLAGEL
ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS
14820 West 107th Street • Lenexa, Kansas 66215
(913) 492-5158 • Fax: (913) 492-8400
WWW.SCHLAGELASSOCIATES.COM

MISSOURI STATE CERTIFICATE OF AUTHORITY
#E20020039001-F #LA2001005237 #L2002008859-F

PREPARED BY:



SCHLAGEL & ASSOCIATES, P.A.

PROJECT NO. 19-001

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL

- LEE'S SUMMIT, MISSOURI

REVISION	DATE	DESCRIPTION
1	2-4-22	CITY COMMENTS
2	3-30-22	CITY COMMENTS
3	11-9-22	STREET TIE INS
4	5-22-23	AS-BUILTS

DRAWN BY:
BAL

CHECKED BY:
MAB

DATE PREPARED:
11-16-2021

PROJ. NUMBER:
20-189

**EROSION
CONTROL PLAN**

SHEET

9



EROSION AND SEDIMENT CONTROL STAGING CHART				
PROJECT STAGE	BMP PLAN REF. NO	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A - PRIOR TO LAND DISTURBANCE	1	CONSTRUCTION ENTRANCE & STAGING AREA	D	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY
	2	SILT FENCE WITH WOVEN WIRE FENCING	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
	3	EXISTING INLET PROTECTION	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
B - MASS GRADING	4	SILT FENCE (DURING CONSTRUCTION)	E	PLACE WHERE INDICATED. REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
C - UTILITY CONSTRUCTION	5	CONCRETE WASHOUT AREA	E	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY
	6	INLET PROTECTION (SILT FENCE)	D/E	PLACE SILT FENCE AROUND ALL STORM SEWER STRUCTURES / YARD AREA STORM STRUCTURES TO HAVE SILT FENCE REMOVED ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
D - AFTER PAVING OPERATIONS	7	INLET PROTECTION (GRAVEL FILTER BAGS)	E	BOARDS SHALL BE PLACED IN FRONT OF INLET OPENING FROM THE TIME SILT FENCE IS REMOVED UNTIL SUCH TIME THAT THE CURB / THROAT IS POURED. PLACE GRAVEL FILTER BAGS AT THE OPENING OF ALL CURB INLETS IMMEDIATELY AFTER THE INLET THROATS ARE POURED
	8	SEEDING AND MULCHING	E	ALL DISTURBED AREAS AFTER 14 DAYS OF CONSTRUCTION INACTIVITY
E - UNTIL CLOSURE OF LAND DISTURBANCE PERMIT				ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED ANY TIME CURRENT MEASURES ARE FOUND TO BE INEFFECTIVE.

LEGEND		
	TEMP. CONSTRUCTION ENTRANCE AND STAGING AREA	
	CONCRETE WASHOUT AREA	
	SILT FOAM DIKE - STAKED & INSTALL PER MFR'S RECOMMENDATIONS	
	BMP PLAN REF. NO.	
	SILT FENCE FOR INLET PROTECTION PRIOR TO STRUCTURE TOP	
	SUPER SEDIMENT SILT FENCE (PRIOR TO LAND DISTURBANCE)	
	SILT FENCE (PRIOR TO LAND DISTURBANCE)	
	SILT FENCE (DURING CONSTRUCTION)	
	LIMITS OF DISTURBANCE	
	EXISTING CONTOURS	
	PROPOSED CONTOURS	
	GRAVEL FILTER FOR STORM SEWER STRUCTURES ONLY	

DISTURBED AREA = 6.27 A.C.

SITE SPECIFIC NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.
- THERE ARE NO WETLANDS, NATURAL OR ARTIFICIAL WATER STORAGE DETENTION AREAS IN THE PROJECT AREA.
- NO PART OF THE PROJECT LIES WITHIN THE 100 YEAR FLOOD PLAIN PER FEMA FLOOD INSURANCE RATE MAP NUMBER 29095C0414G DATED JANUARY 20TH, 2017.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED ACCORDING TO THE BMP STAGING CHART.
- ADDITIONAL EROSION CONTROL MAY BE REQUIRED BY THE CITY ENGINEER AT ANY TIME EXISTING MEASURES ARE FOUND TO BE INEFFECTIVE OR PROBLEMATIC AREAS ARE NOTED IN THE FIELD.
- STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER SOIL DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE SOIL STABILIZING BMP'S. INITIAL STABILIZATION ACTIVITIES MUST BE COMPLETED WITHIN 14 DAYS AFTER SOIL DISTURBING ACTIVITIES CEASE.
- ALL PERIMETER SILT FENCE, EARTH DIKES, SEDIMENT BASINS, AND ROCK CONSTRUCTION ENTRANCES WILL BE INSTALLED BEFORE GRADING OPERATIONS BEGIN.
- SILT FENCE AND EARTH DIKES THAT ARE PLACED BEFORE GRADING BEGINS WILL BE MAINTAINED BY THE GRADING CONTRACTOR.
- AREAS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE SODDED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE.

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

“100.00 100.10”, “1.00% 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

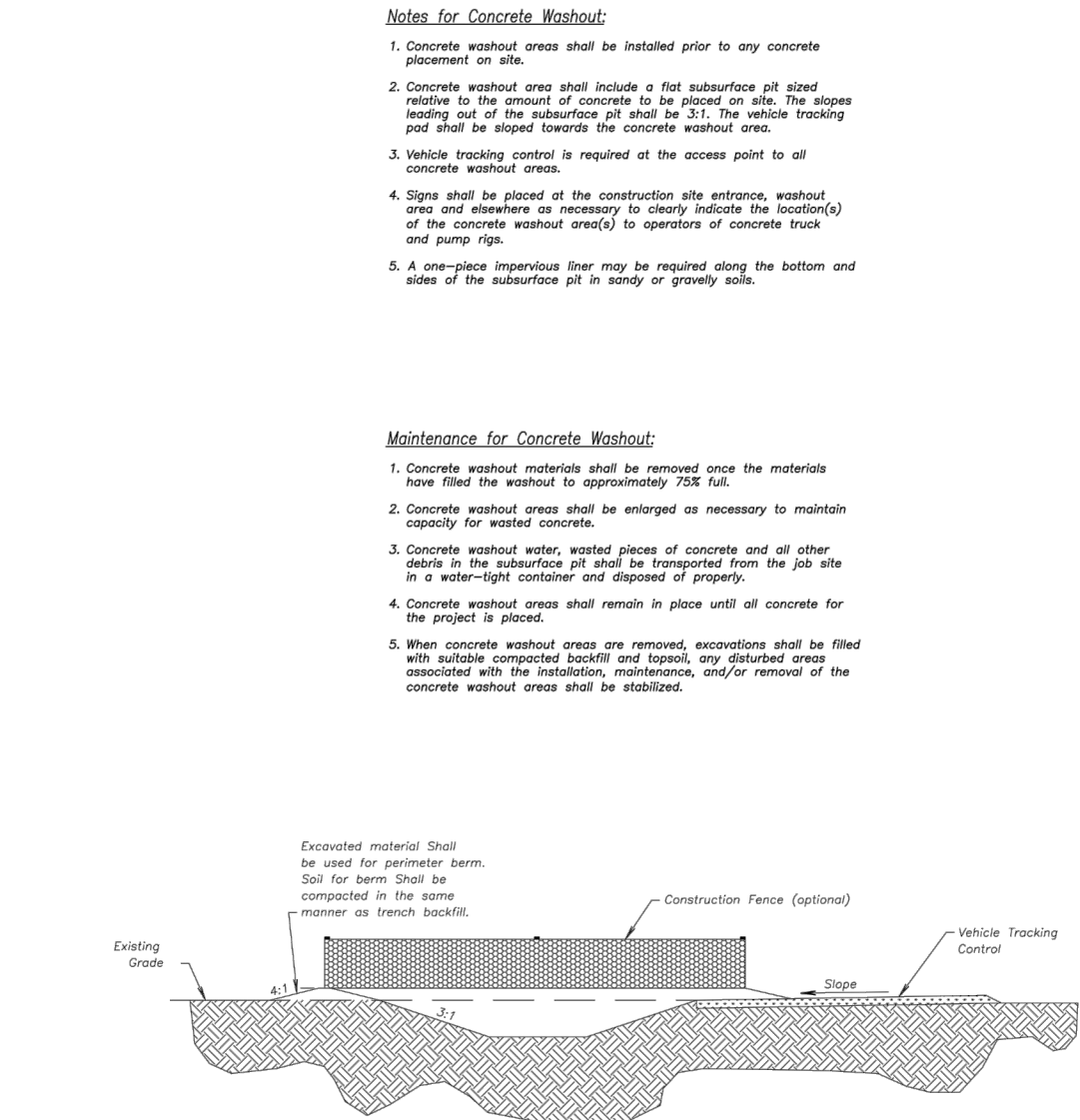
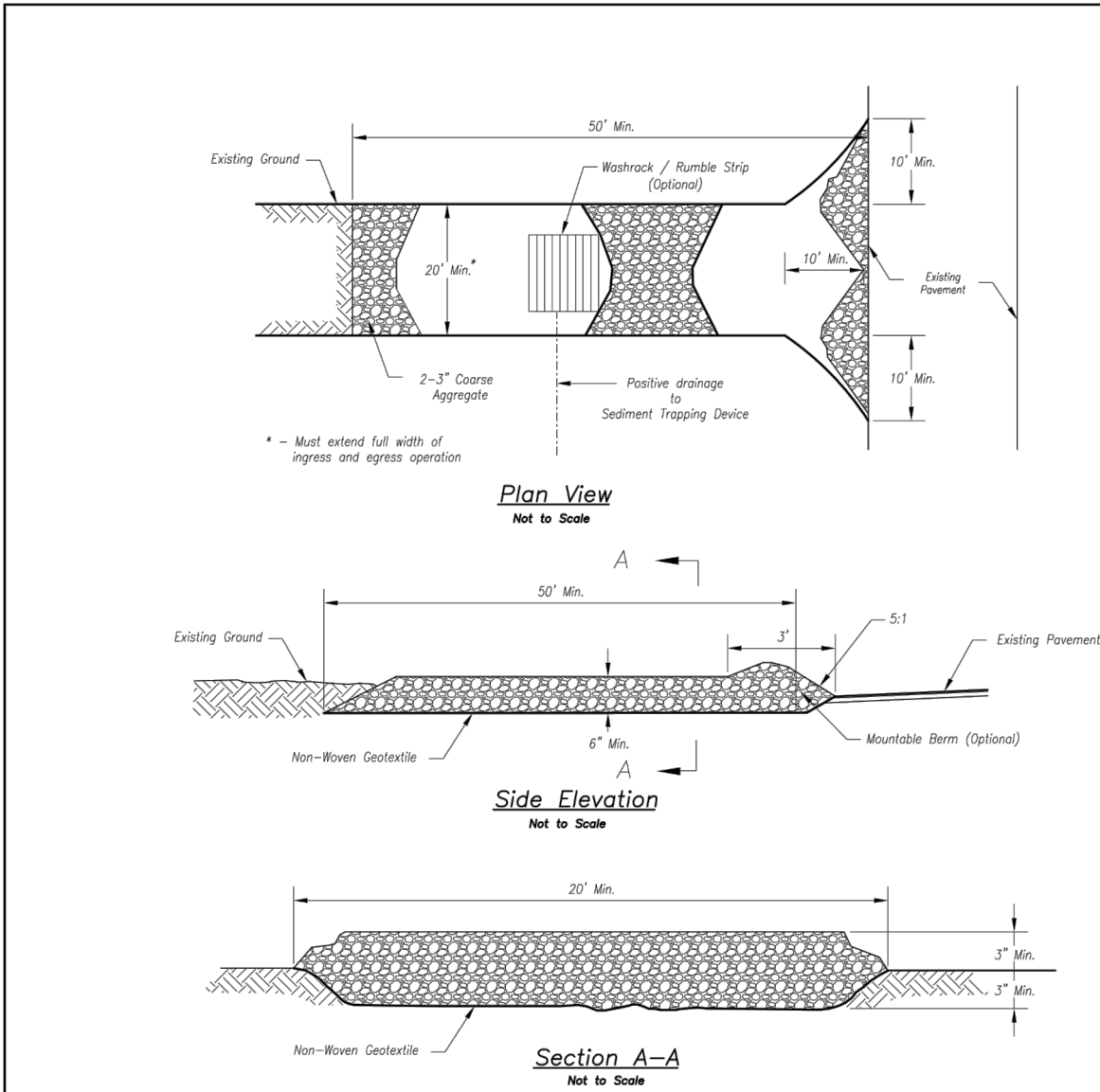
MISSOURI GEOGRAPHIC REFERENCE SYSTEM BENCH MARK:

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.
ELEV. 935.18

PROJECT BENCHMARK:

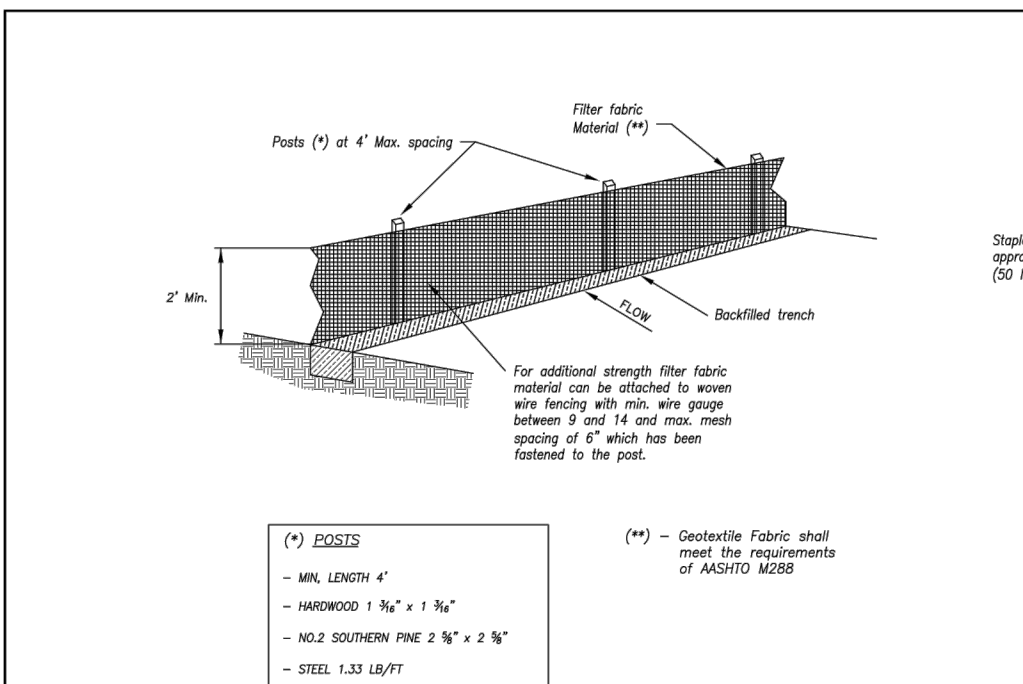
CHISELED “SQUARE” ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.
NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

Record Drawing

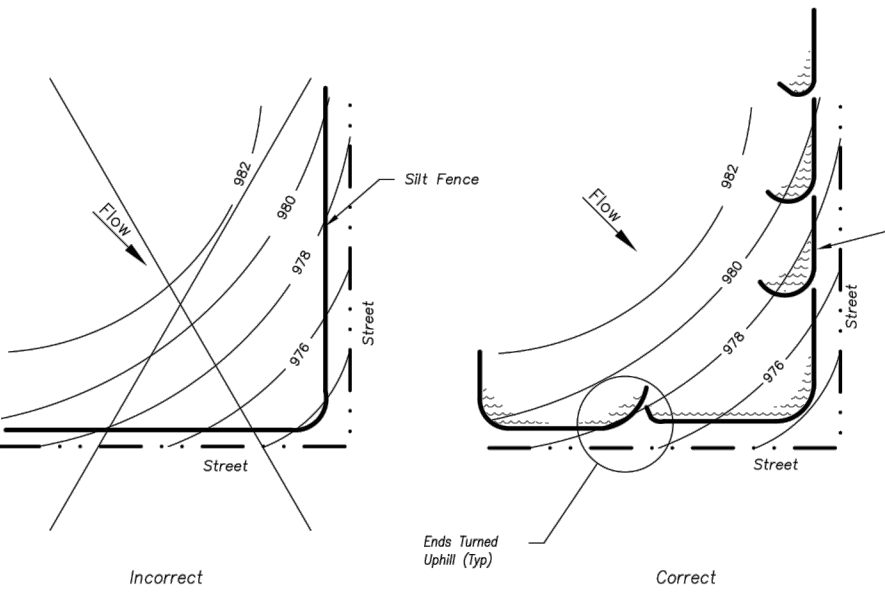


CONCRETE WASHOUT

AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT	STANDARD DRAWING NUMBER ESC-01 ADOPTED 10/24/2016



SILT FENCE DETAILS

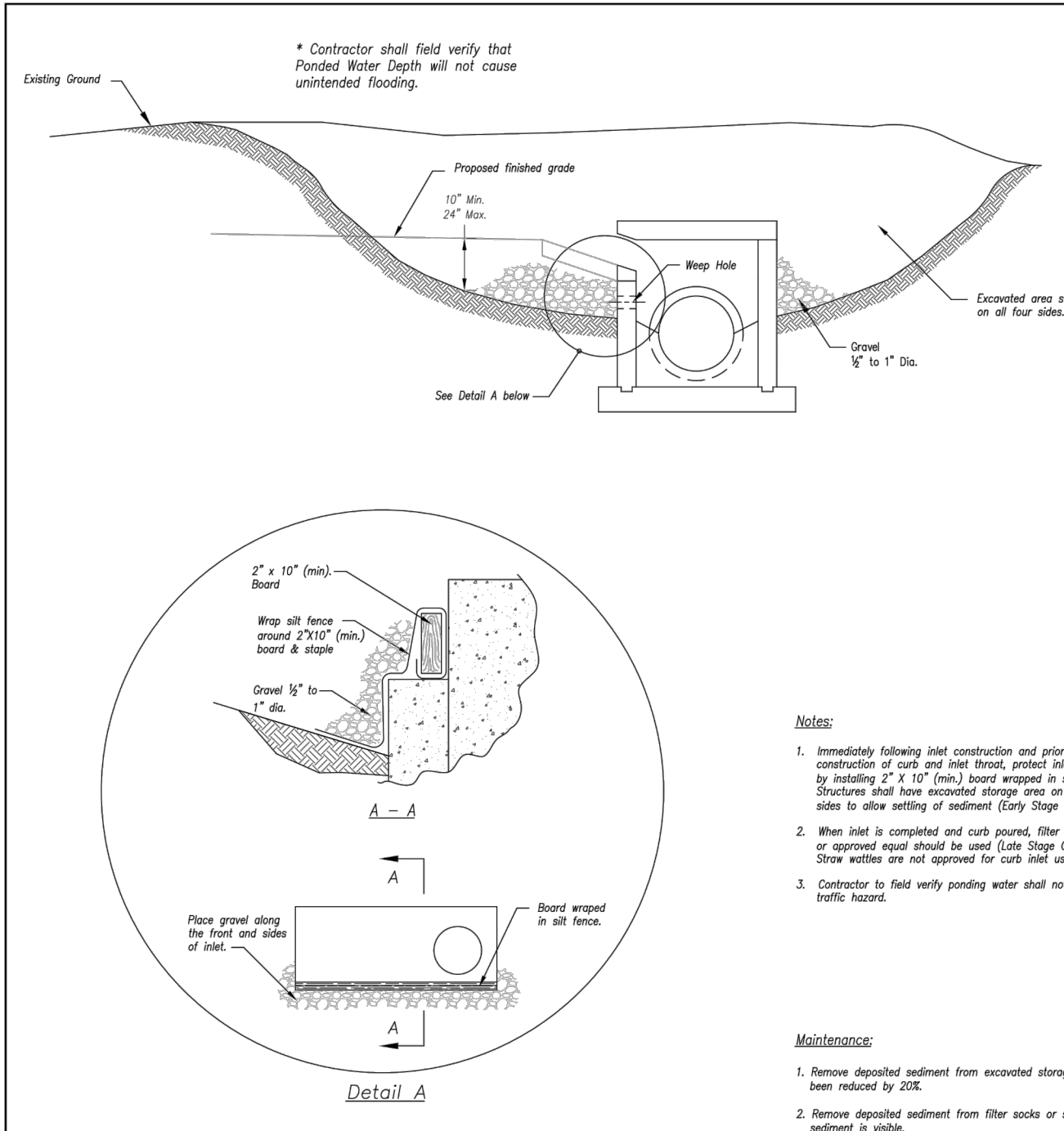


SILT FENCE LAYOUT

CONCRETE WASHOUT

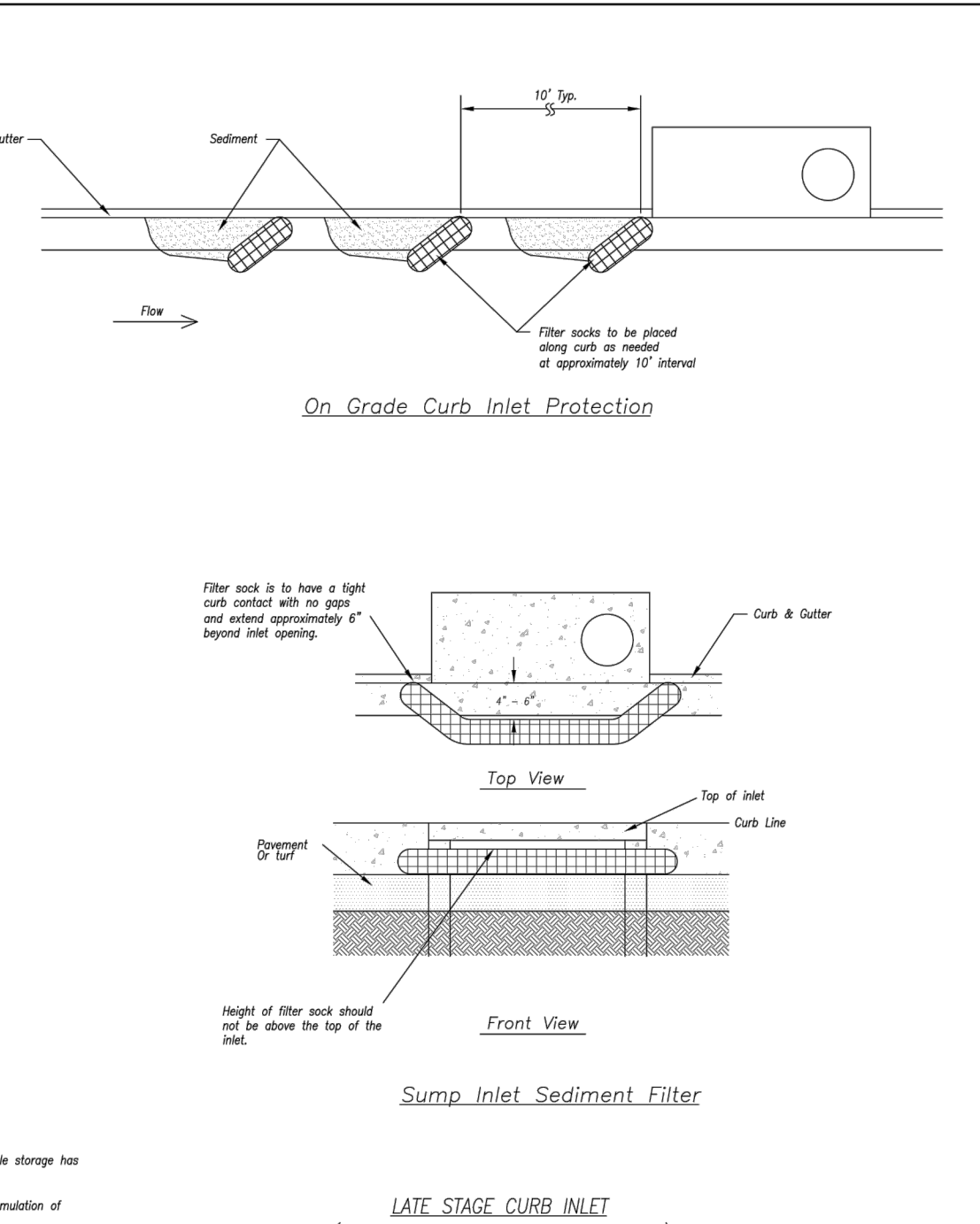
AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT	STANDARD DRAWING NUMBER ESC-01 ADOPTED 10/24/2016

AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
SILT FENCE	STANDARD DRAWING NUMBER ESC-03 ADOPTED 10/24/2016



EARLY STAGE CURB INLET

Open Box and Prior to Pouring Curb and Inlet Throat



On Grade Curb Inlet Protection

Top View

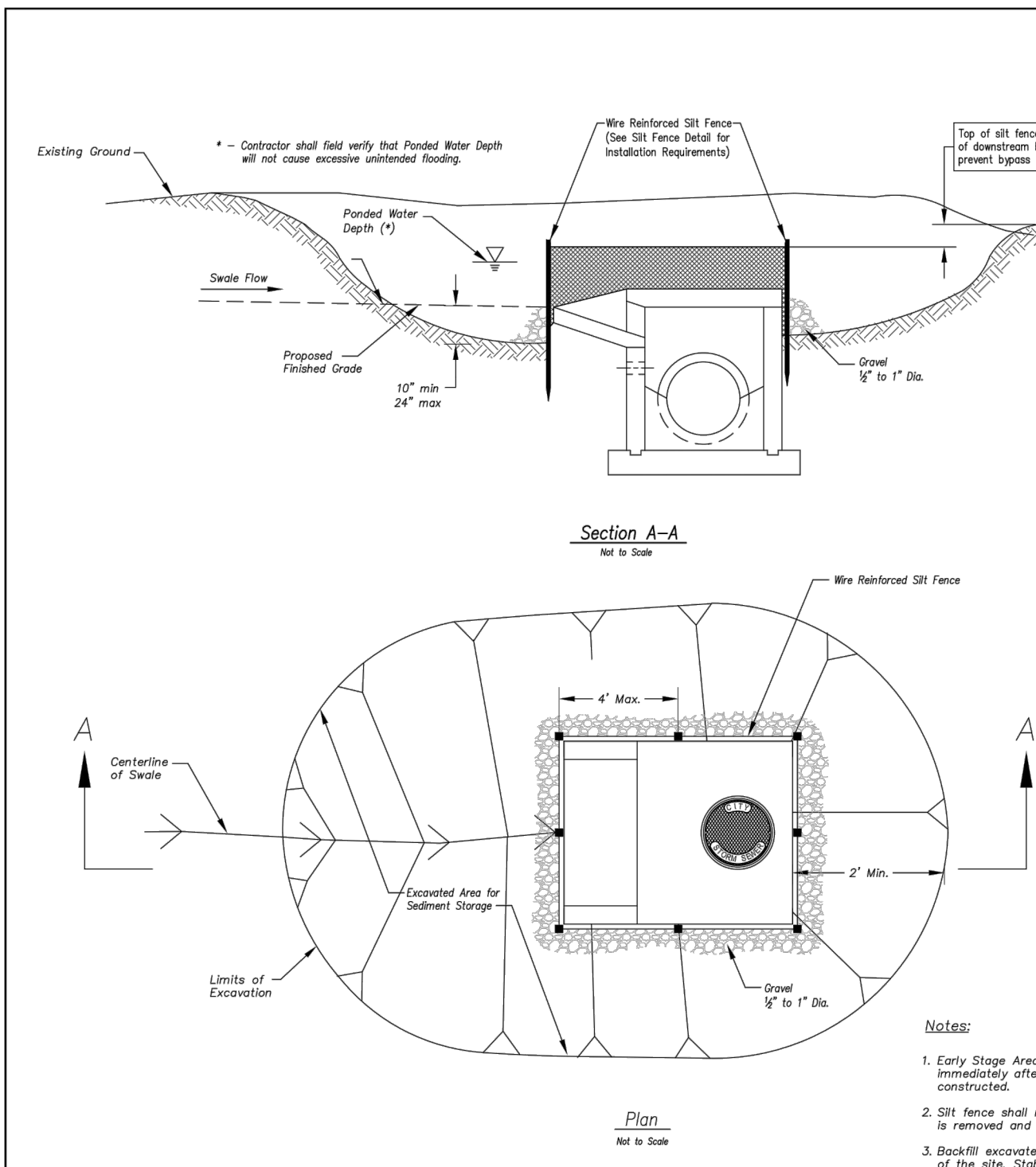
Front View

Sump Inlet Sediment Filter

LATE STAGE CURB INLET

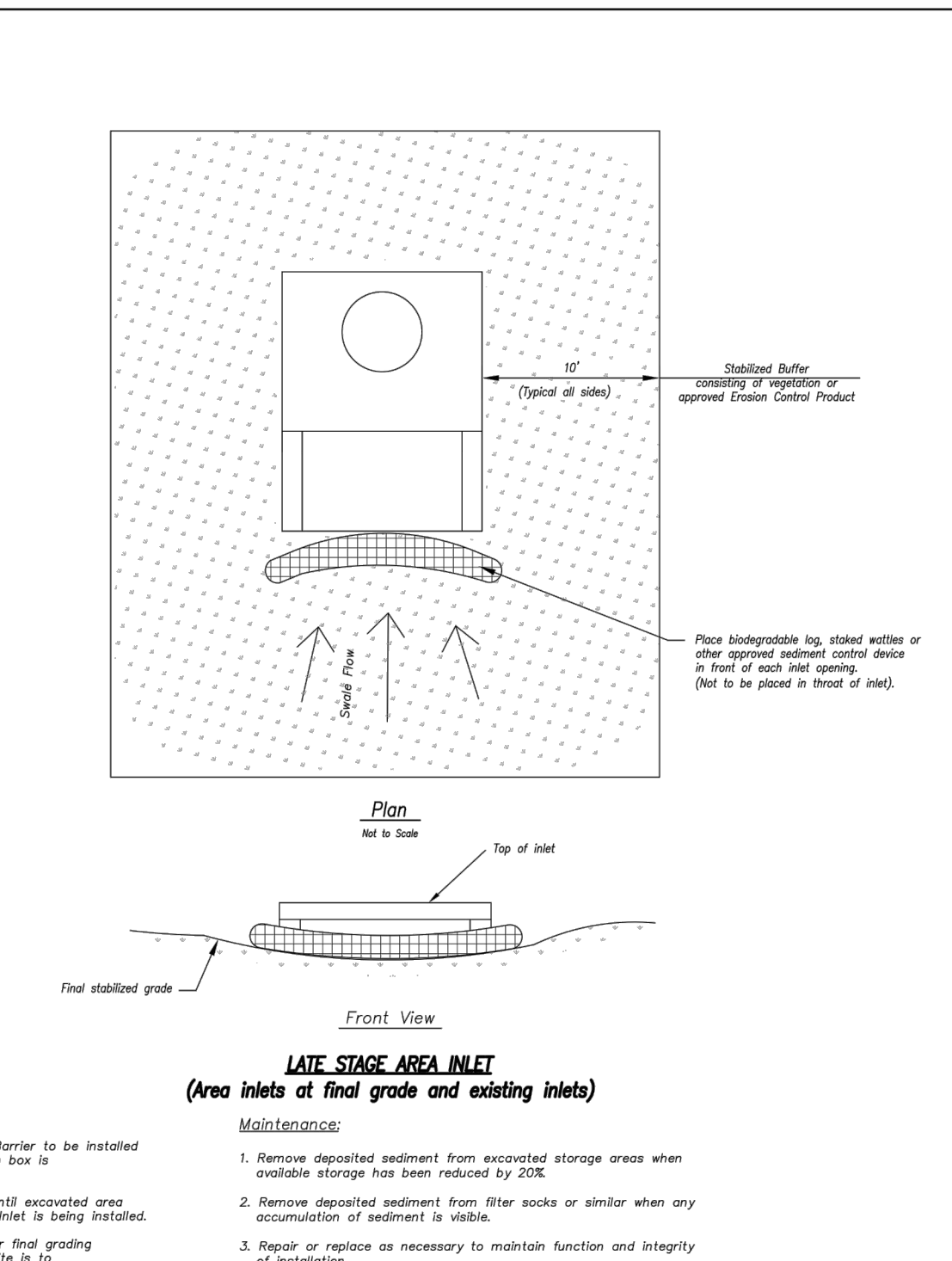
(After Pouring Curb and Inlet Throat)

AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
CURB INLET PROTECTION	STANDARD DRAWING NUMBER ESC-06 ADOPTED 10/24/2016



EARLY STAGE AREA INLET

(All open boxes and inlets not at final grade)



LATE STAGE AREA INLET

(Area inlets at final grade and existing inlets)

AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
AREA INLET AND JUNCTION BOX PROTECTION	STANDARD DRAWING NUMBER ESC-07 ADOPTED 10/24/2016

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

"400.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

Record Drawing

PREPARED BY:



SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION DATE	DESCRIPTION
1 2-4-22	CITY COMMENTS
2 3-30-22	CITY COMMENTS
3 11-9-22	STREET TIE INS
4 5-22-23	AS-BUILTS
5 11-16-2021	DATE PREPARED
6 20-189	PROJ. NUMBER

EROSION
CONTROL
DETAILS

SHEET

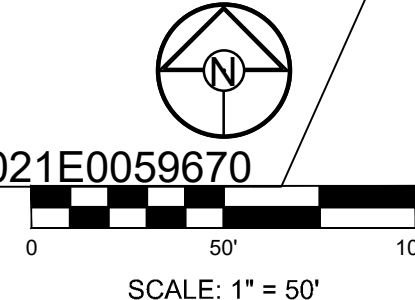
11

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL
EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

Date: 5/22/2023
 Certified by: BAL
 Title: Design Engineer
 Firm: Schlagel and Associates, P.A.

MINOR PLAT OF NEW LONGVIEW MANSION, LOTS 1-10



This drawing is a sanitary sewer profile for Percola Park Dr. The vertical axis represents elevation in feet, ranging from 910 to 990. The horizontal axis represents stationing, ranging from 20+00 to 4+50. The profile shows a series of vertical curves and pipe segments with various grades. Key features include:

- Vertical Curves:**
 - 200.00' VC: PVI STA: 15+98.96, PVI EL: 962.79, A.D. = -4.53%, K=44.19, SSD=338'
 - 150.00' VC: PVI STA: 13+45.30, PVI EL: 947.51, A.D. = 3.02%, K=49.60
 - 50.00' VC: PVI STA: 10+50.00, PVI EL: 938.65, A.D. = 1.05%, K=47.53
 - 75.00' VC: PVI STA: 7+25.00, PVI EL: 941.85, A.D. = -3.86%, K=19.41, SSD=317'
 - 125.00' VC: PVI STA: 9+27.83, PVI EL: 936.27, A.D. = 4.70%, K=26.60
 - 150.00' VC: PVI STA: 4+42.00, PVI EL: 938.00, A.D. = 5.11%, K=29.33
- Grades:** 2.08%, 1.50%, 6.02%, -3.00%, 1.95%, -2.75%, 1.11%.
- Structures:**
 - Inlets: 1004 & 1401, 1003 & 1301, 1002, 1001 & 1201, 803 & 804, 502, 401 & 501.
 - Manholes: 16+98.96, 14+98.96, 12+70.30, 10+75.00, 10+25.00, 9+40.33, 7+62.50, 6+47.50, 5+17.78.
- Labels:**
 - ALLEY 12, END CONSTRUCTION STA. 13+61.48, SW CORINTHIAN LN, ALLEY 11, BEGIN CONSTRUCTION.
 - Plat markers: 6TH PLAT, 5TH PLAT, 5TH PLAT, 4TH PLAT.
 - Notes: "INSTALL UNDERDRAIN AT LOW POINT (TYP.)"
- Elevation Data Table:**

Station	Elevation (ft)
19+82.07	968.60
19+70.07	968.35
16+98.96	964.29
15+98.96	966.77
14+20.30	952.03
12+70.30	945.28
10+75.00	939.40
10+25.00	938.16
9+40.33	937.49
7+62.50	940.82
6+47.50	941.43
5+17.78	939.54

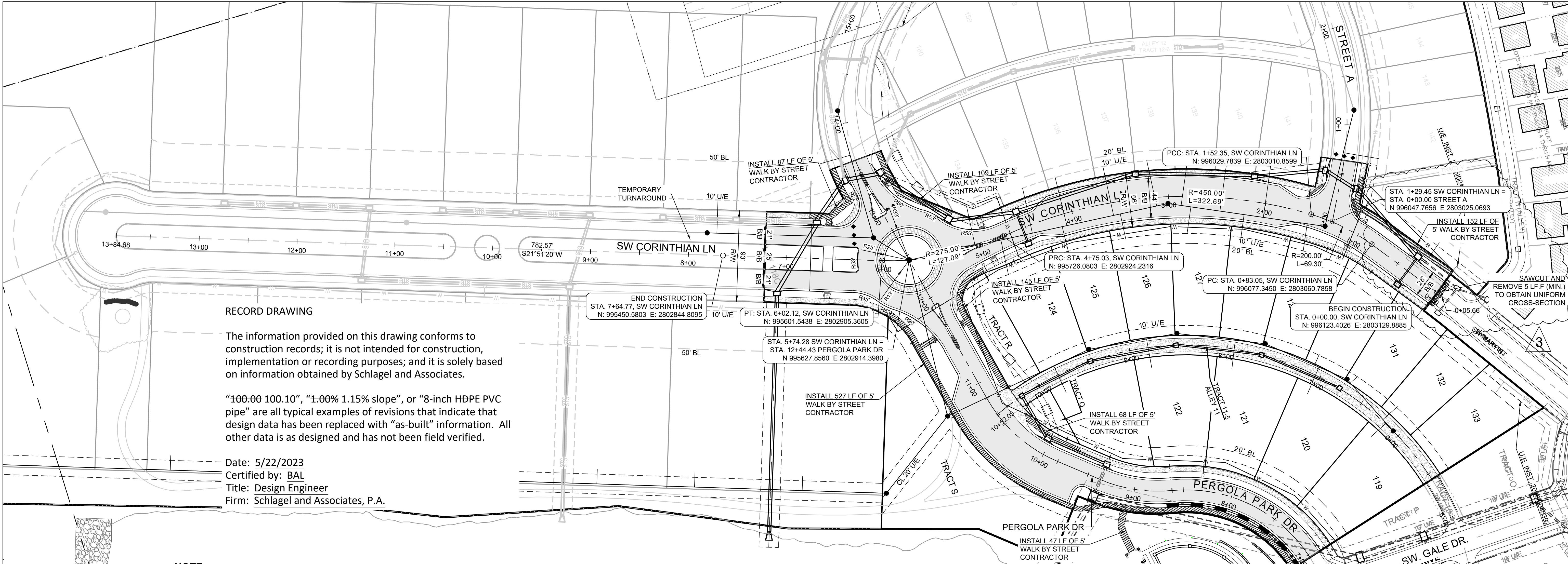
PREPARED BY:



MARK ALLEN
BREUER
NUMBER
PE-2003007268
06.09.2023

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

PERGOLA PARK DR PLAN & PROFILE		REVISION DATE	DESCRIPTION
DRAWN BY:	24-22		CITY COMMENTS
BAL	3-30-22		CITY COMMENTS
CHECKED BY:	11-9-22		STREET TIE INS
MAB	5-22-23		AS-BUILTS
DATE PREPARED:			
	11-16-2021		
PROJ. NUMBER:			
	20-189		



RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

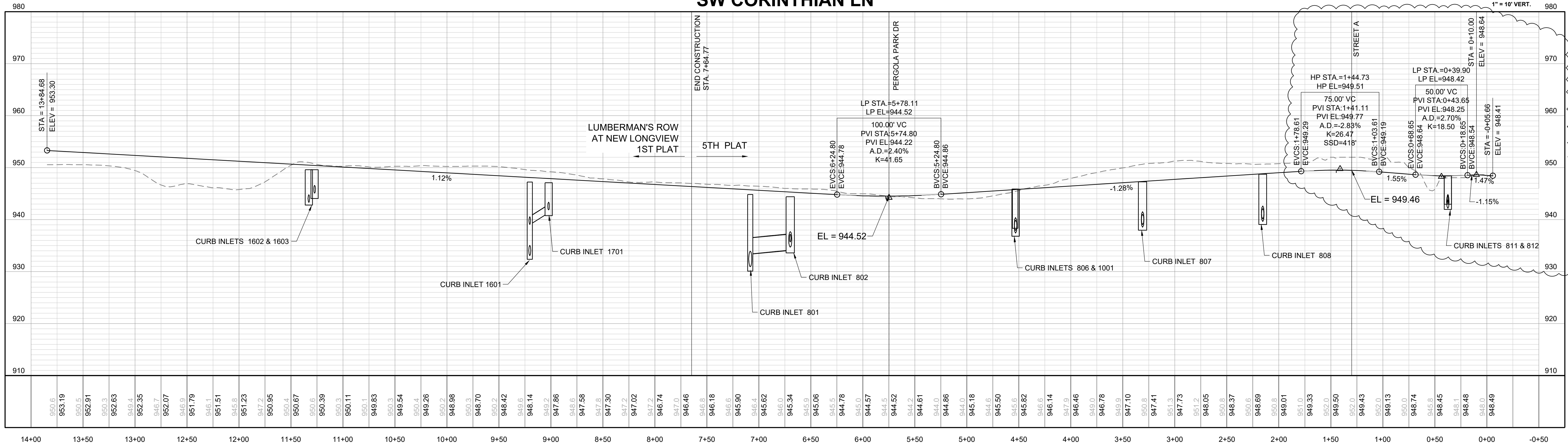
Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

NOTE:

ALL CONSTRUCTION ON THIS PROJECT SHALL CONFORM TO THE CITY OF LEE'S SUMMIT TECHNICAL SPECIFICATIONS.

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.

SW CORINTHIAN LN



Record Drawing

SCHLAGEL
ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS
14920 West 107th Street • Lenexa, Kansas 66215
(913) 492-5158 • Fax: (913) 492-8400
WWW.SCHLAGELASSOCIATES.COM
Missouri State Certificates of Authority
#E2002003600F #AC20100237 #LS200200859F

PREPARED BY:
MARK ALLEN BREUER
REGISTERED PROFESSIONAL ENGINEER
NUMBER: PE-2003007268
06.09.2023

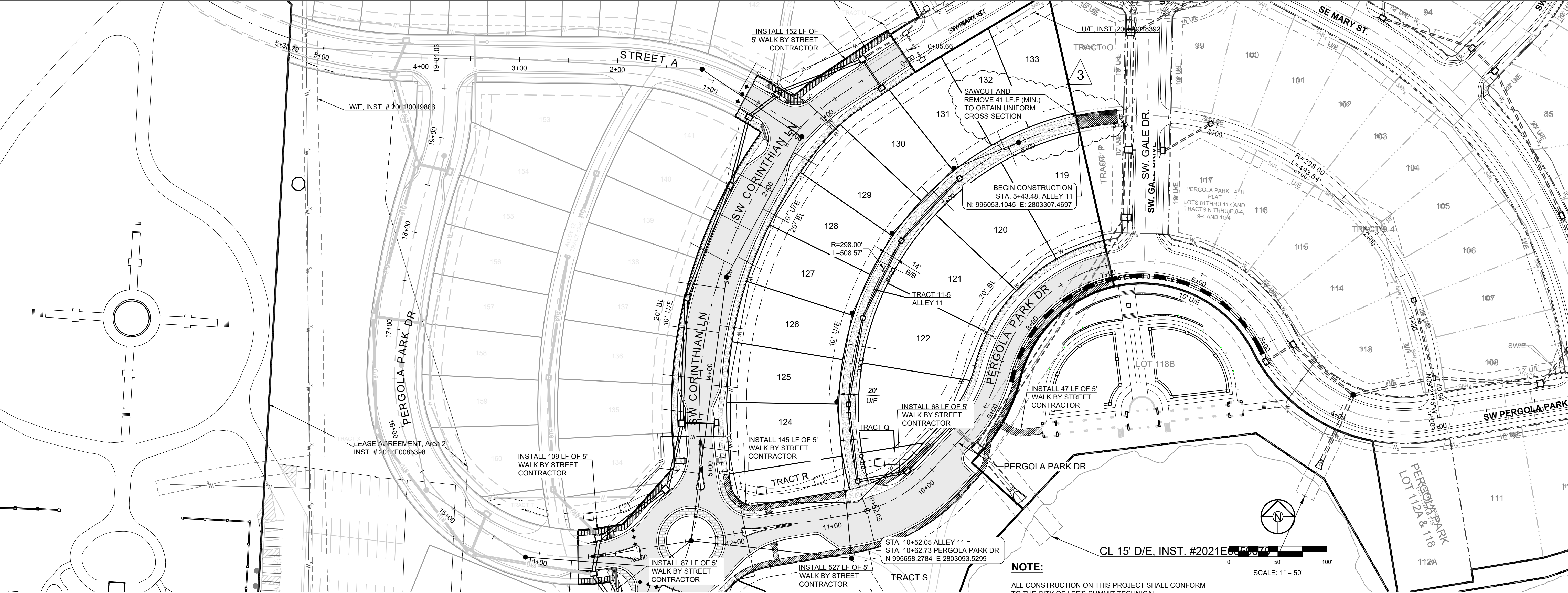
SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION DATE	DESCRIPTION
2-4-22	CITY COMMENTS
3-30-22	CITY COMMENTS
11-9-22	STREET TIE INS
5-22-23	AS-BUILTS

DRAWN BY: BAL	CITY COMMENTS
CHECKED BY: MAB	STREET TIE INS
DATE PREPARED: 11-18-2021	AS-BUILTS
PROJ. NUMBER: 20-189	

SW CORINTHIAN LN PLAN & PROFILE



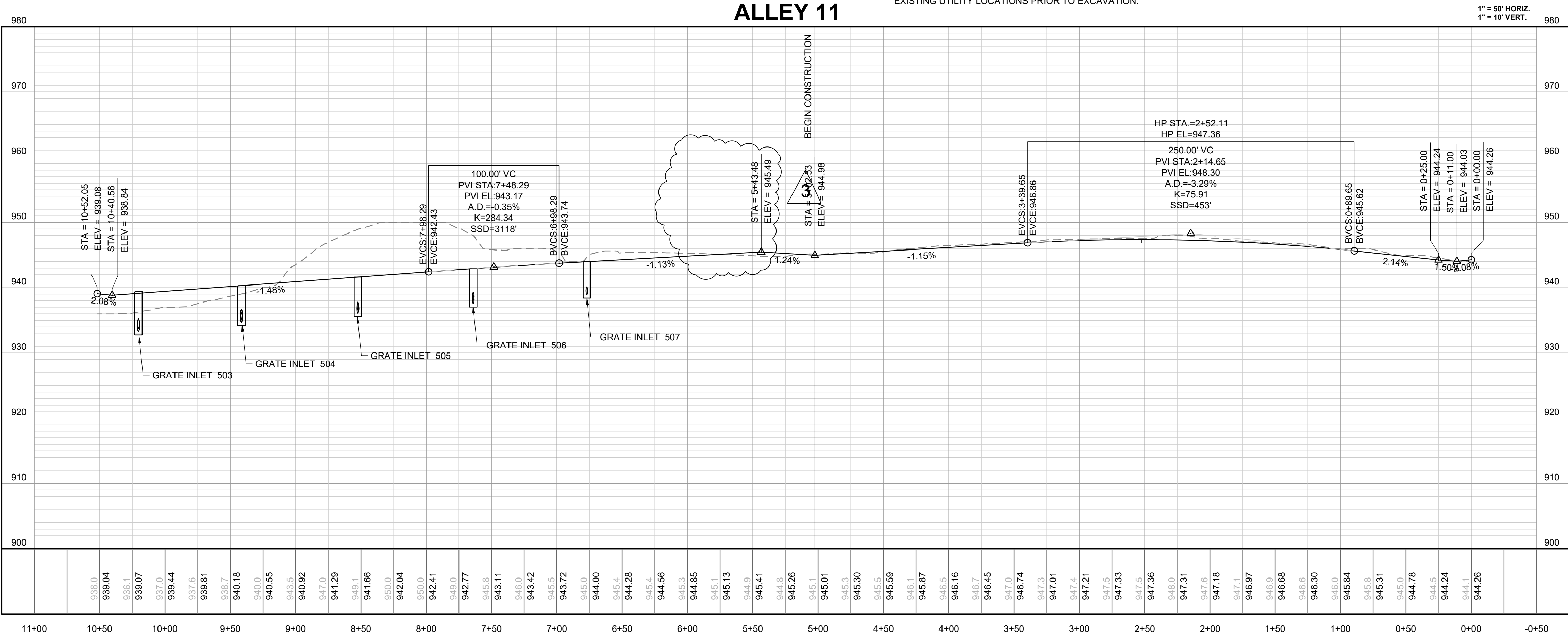
RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

Record Drawing



SCHLAGEL

ENGINEERS, PLANNERS, SURVEYORS, LANDSCAPE ARCHITECTS

14920 West 107th Street • Lenexa, Kansas 66215

(913) 492-5158 • Fax: (913) 492-8400

WWW.SCHLAGELASSOCIATES.COM

Missouri State Certificates of Authority
#E2002003600-F #LAC201005237 #LS200200859-F

PREPARED BY:

STATE OF MISSOURI

MARK ALLEN BREUER

NUMBER
PE-2003007268

06.09.2023

PROFESSIONAL ENGINEER

SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT

STREET, STORMWATER, MASTER DRAINAGE

PLAN & EROSION AND SEDIMENT CONTROL

- LEE'S SUMMIT, MISSOURI

REVISION	DATE	DESCRIPTION
1	2-4-22	CITY COMMENTS
2	3-30-22	STREET TIE INS
3	11-9-22	AS-BUILTS
4	5-22-23	AS-BUILTS
5	6	
6	11-16-2021	DATE PREPARED
7	20-189	PROJ. NUMBER

ALLEY 11 PLAN & PROFILE

SHEET

14

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION	DATE	DESCRIPTION
1	2-4-22	CITY COMMENTS
2	3-30-22	STREET TIE INS
3	11-9-22	AS-BUILTS
4	5-22-23	AS-BUILTS
5		
6		
7	11-16-2021	
8	20-189	

ROUNDABOUT
INTERSECTION
DETAIL

SHEET

16

CURB LEGEND	
	TYPE "CG-2" CURB & GUTTER
	TYPE "CG-2" DRY CURB & GUTTER
	TYPE "CG-1" DRY CURB AND GUTTER
	TYPE C-1 CURB
	DRIVABLE BRICK PAVERS

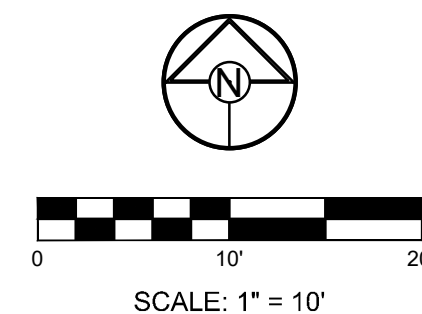
RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

Record Drawing



CURB LEGEND

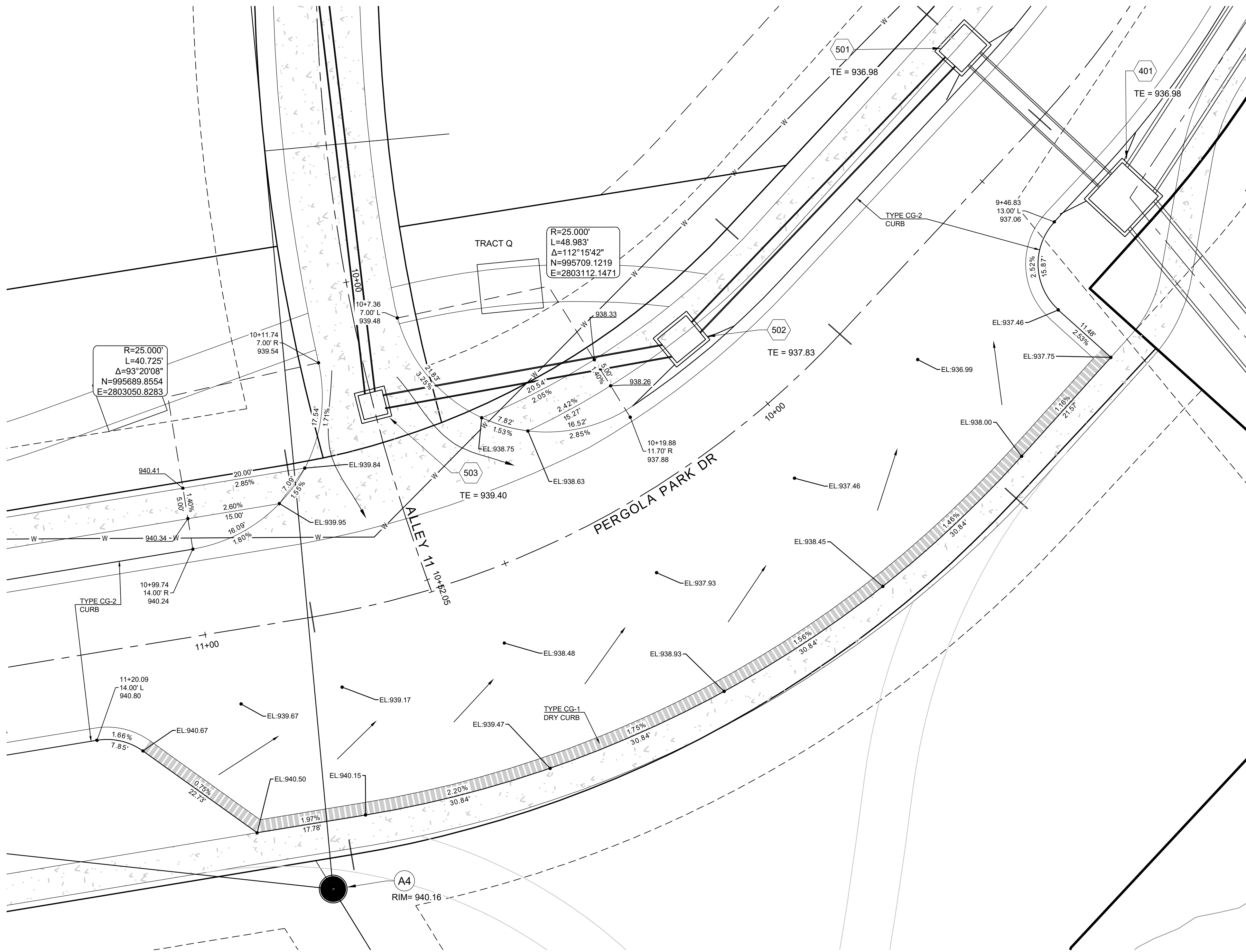
- TYPE "CG-2" CURB & GUTTER
TYPE "CG-2" DRY CURB & GUTTER
TYPE "CG-1" DRY CURB AND GUTTER
TYPE C-1 CURB
DRIVABLE BRICK PAVERS

RECORD DRAWING

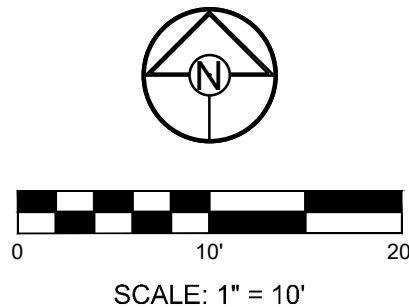
The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlagel and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlagel and Associates, P.A.



Record Drawing



PREPARED BY:



SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

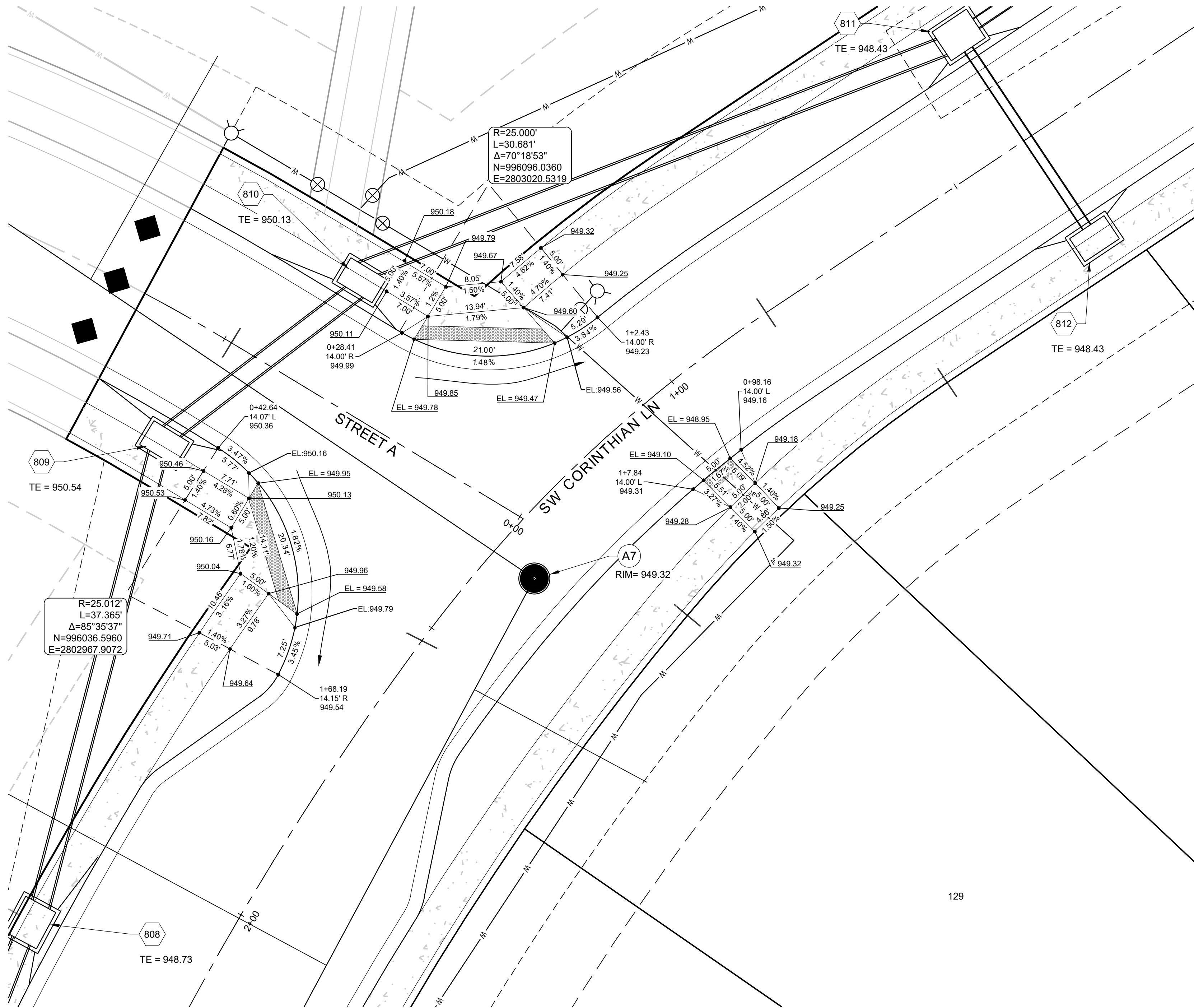
REVISION DATE	DESCRIPTION
1 2-4-22	CITY COMMENTS
2 3-30-22	CITY COMMENTS
3 11-9-22	STREET TIE INS
4 5-22-23	AS-BUILTS
5	
6	
7	
8	

DRAWN BY:	BAL
CHECKED BY:	MAB
DATE PREPARED:	11-16-2021
PROJ. NUMBER:	20-189

ALLEY 11
INTERSECTION
DETAIL

SHEET

17



CURB LEGEND	
	TYPE "CG-2" CURB & GUTTER
	TYPE "CG-2" DRY CURB & GUTTER
	TYPE "CG-1" DRY CURB AND GUTTER
	TYPE C-1 CURB
	DRIVABLE BRICK PAVERS

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlagel and Associates.

“100:00 100.10”, “1:00% 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlagel and Associates, P.A.



SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION DATE	DESCRIPTION
1 2-4-22	CITY COMMENTS
2 3-30-22	CITY COMMENTS
3 11-9-22	STREET TIE INS
4 5-22-23	AS-BUILTS
5	
6	
7	
8	
9	
10	

STREET A
INTERSECTION
DETAIL SHEET

SHEET
18

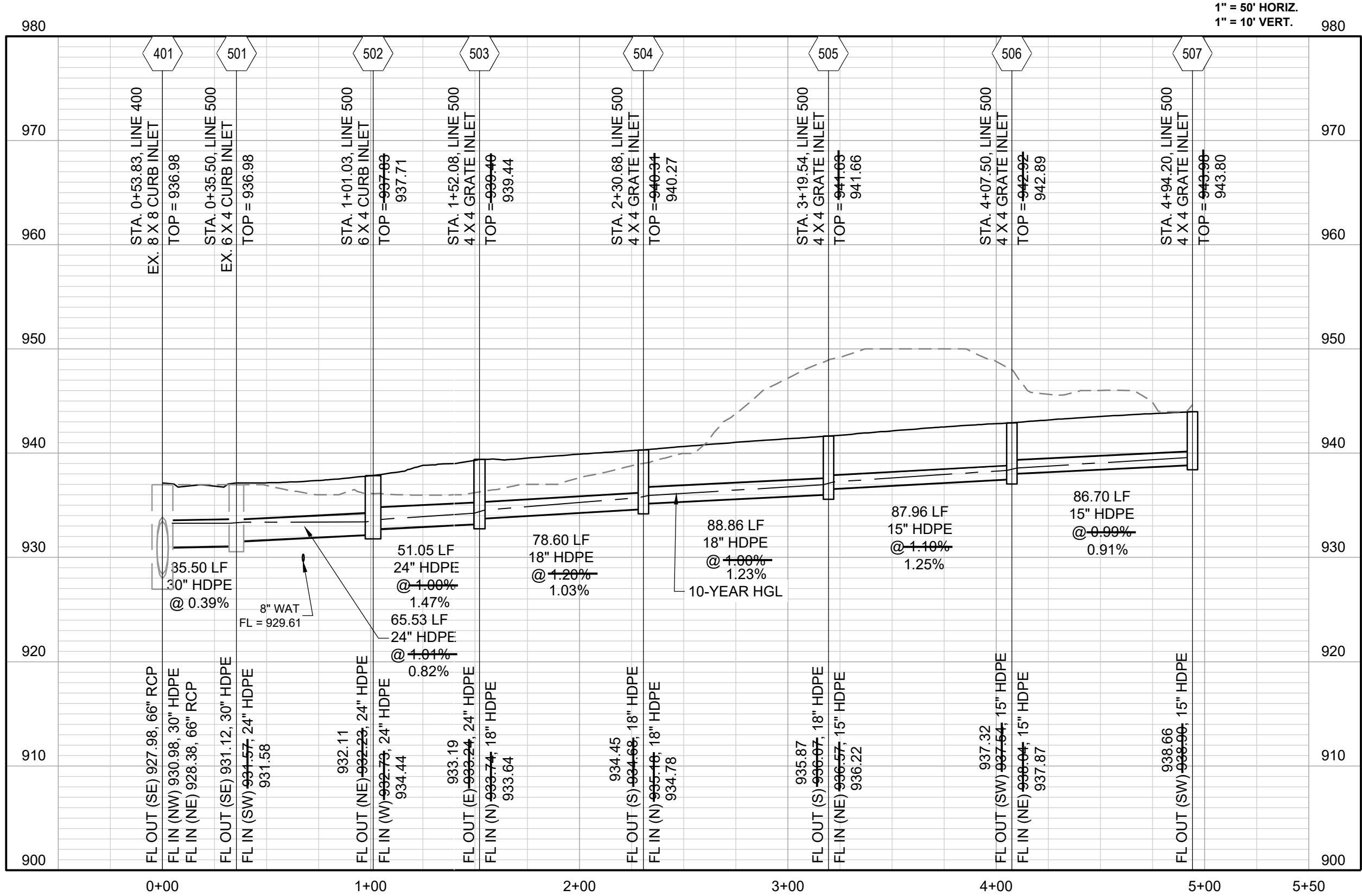
RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

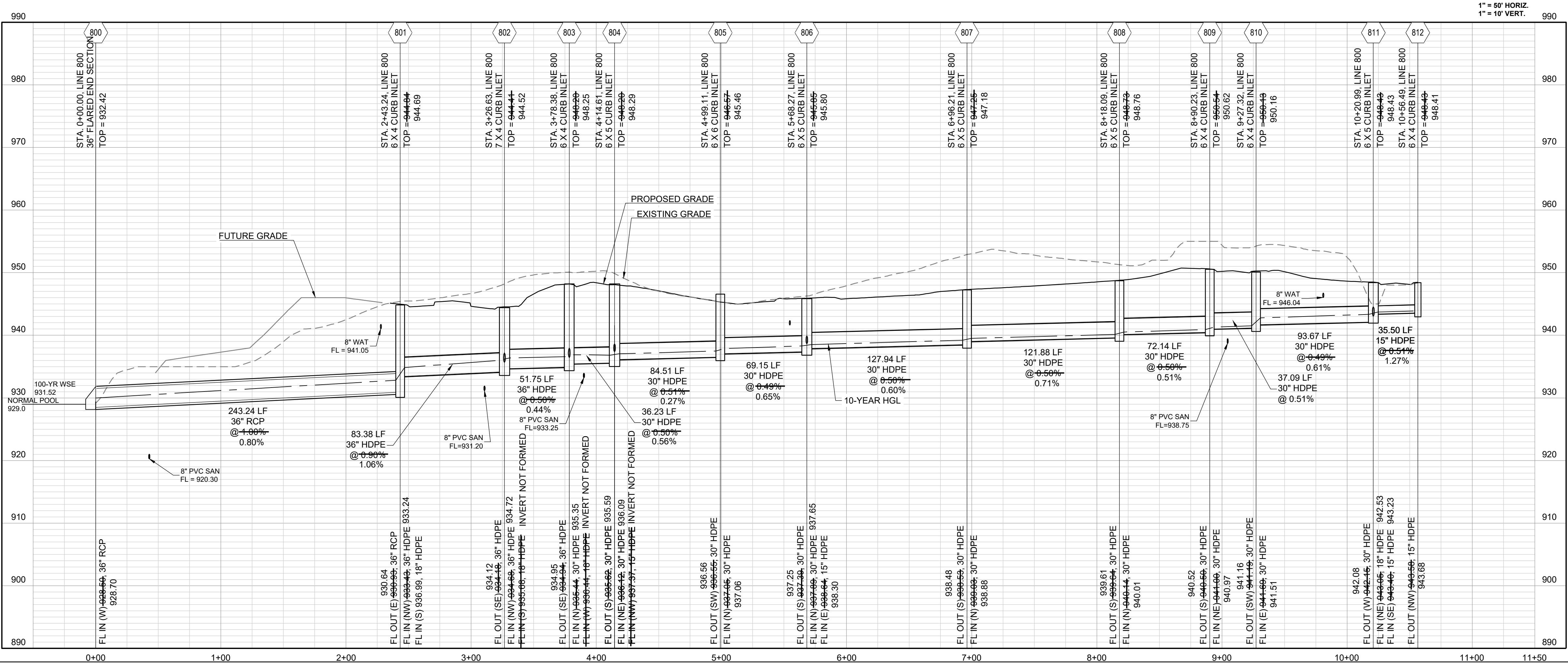
"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

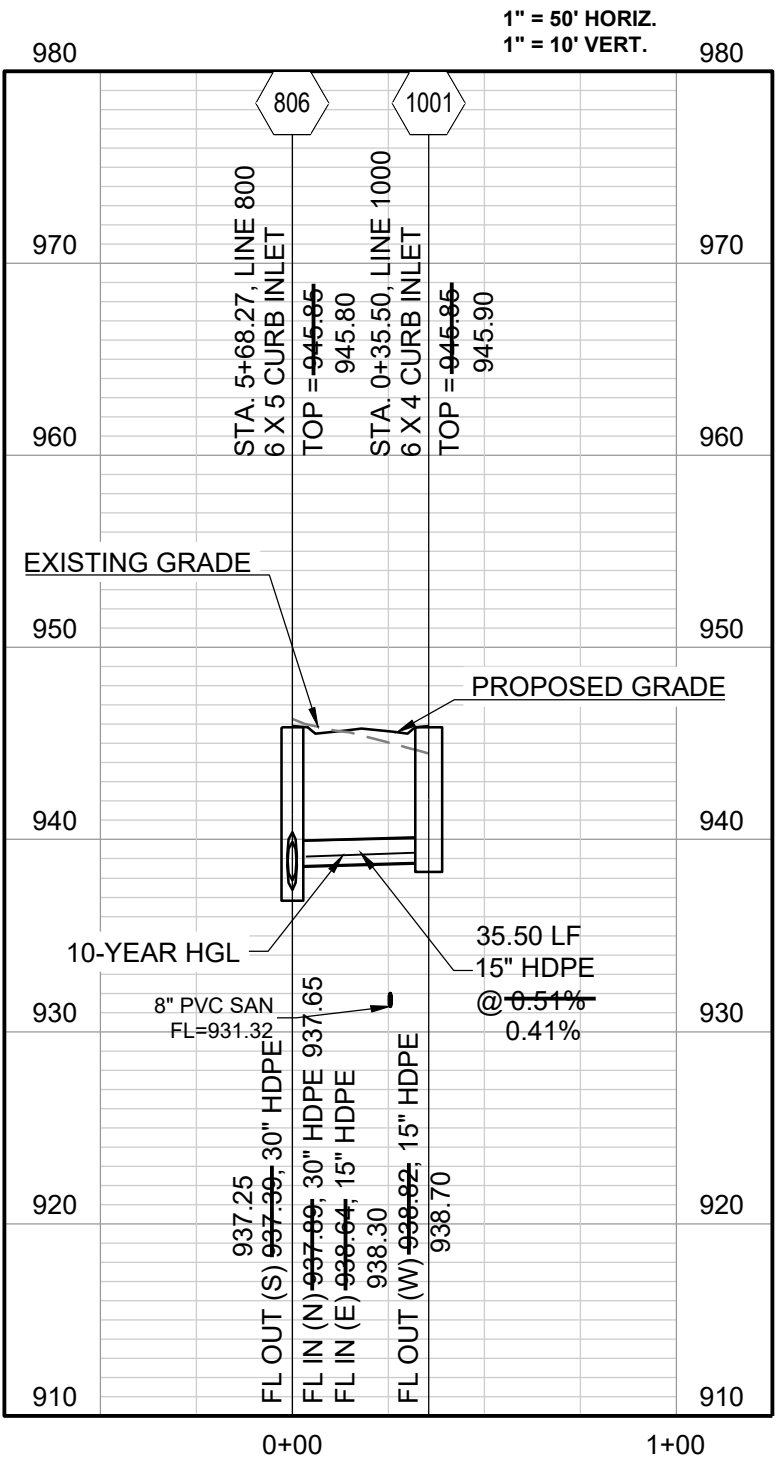
LINE 500



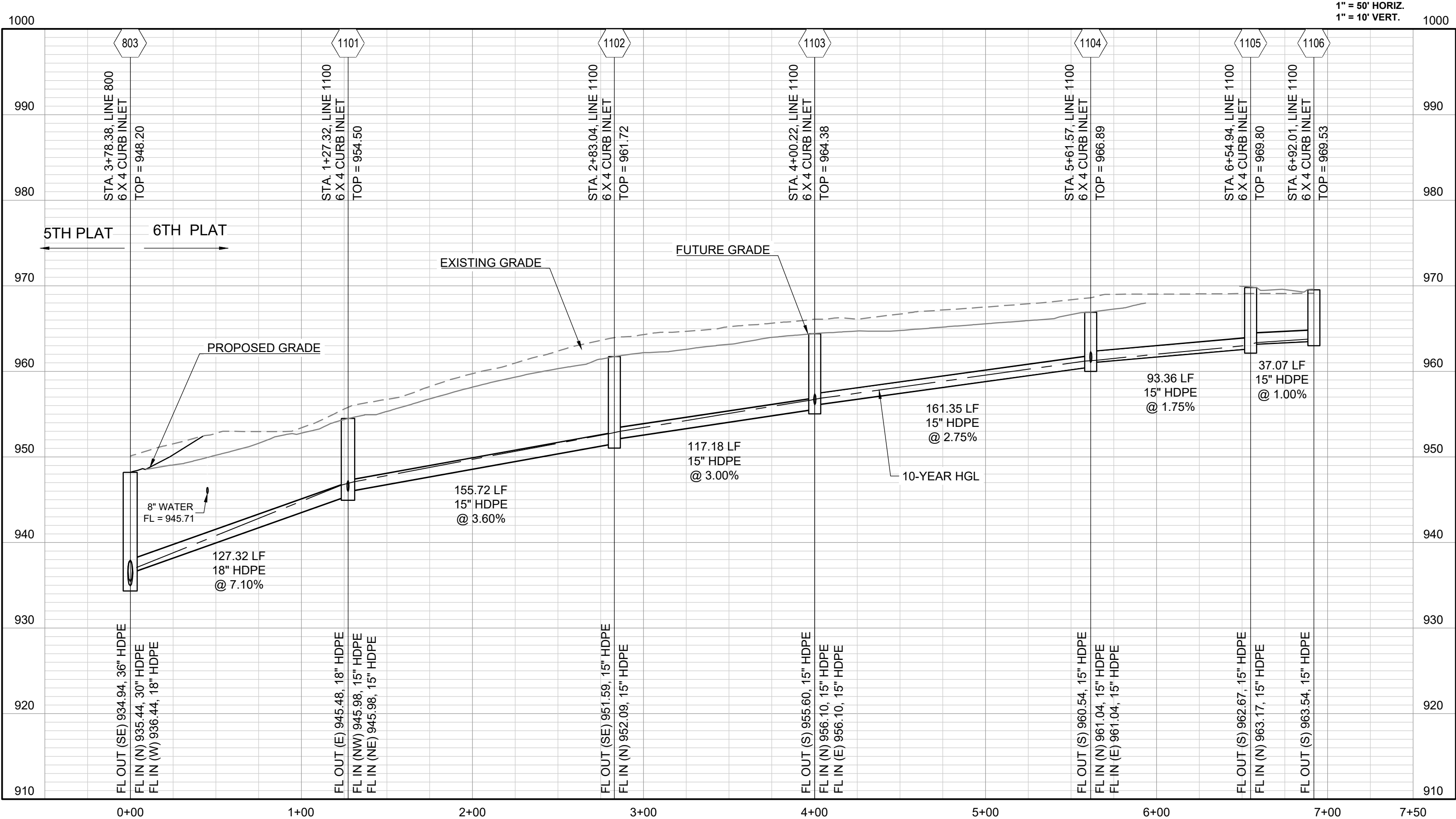
LINE 800



LINE 1000



FUTURE LINE 1100



Record Drawing



SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION	DATE	DESCRIPTION
1	2-4-22	CITY COMMENTS
2	3-30-22	STREET TIE INS
3	11-9-22	AS-BUILTS
4	5-22-23	AS-BUILTS
5	11-16-2021	DATE PREPARED
6	20-189	PROJ. NUMBER

STORM PROFILES

SHEET
20

1" = 50' HORIZ.
1" = 10' VERT.

1000

990

980

970

960

950

940

930

0+00

1+00

STA. 4+00.22, LINE 1100
6 X 4 CURB INLET
TOP = 964.38

1103

STA. 0+51.01, LINE 1400
6 X 4 CURB INLET
TOP = 964.36

1401

EXISTING GRADE

FUTURE GRADE

10-YEAR HGL

51.01 LF
15" HDPE
@ 4.00%

FL OUT (S) 955.80, 15" HDPE
FL IN (N) 956.10, 15" HDPE
FL IN (E) 956.10, 15" HDPE
FL OUT (W) 958.14, 15" HDPE

8" PVC SAN
FL=953.53

1" = 50' HORIZ.
1" = 10' VERT.

980

970

960

950

940

930

920

910

0+00

1+00

2+00

2+50

STA. 2+32.77, LINE 1600
6 X 4 CURB INLET
TOP = 947.22

STA. 0+76.18, LINE 1700
6 X 4 CURB INLET
TOP = 947.08

STA. 1+51.18, LINE 1700
6 X 4 CURB INLET
TOP = 947.92

STA. 2+26.18, LINE 1700
6 X 4 CURB INLET
TOP = 948.76

EXISTING GRADE

FUTURE GRADE

76.18 LF
18" HDPE
@ 3.01%

75.00 LF
18" HDPE
@ 1.00%

75.00 LF
15" HDPE
@ 1.00%

10-YEAR HGL

8" PVC SAN
FL = 934.47

FL OUT (E) 933.06, 24" RCP
FL IN (S) 939.06, 18" HDPE
FL IN (NW) 939.06, 18" HDPE

FL OUT (SE) 941.35, 18" HDPE
FL IN (S) 941.85, 18" HDPE

FL OUT (N) 942.60, 18" HDPE
FL IN (S) 943.10, 15" HDPE

FL OUT (N) 943.85, 15" HDPE

1" = 50' HORIZ.
1" = 10' VERT.

980

970

960

950

940

930

920

910

802

STA 3+26.63, LINE 800
7 X 4 CURB INLET
TOP = 944.41

801

STA 0+62.38, LINE 1800
6 X 4 CURB INLET
TOP = 945.47

802

STA 1+57.38, LINE 1800
6 X 4 CURB INLET
TOP = 946.24

EXISTING GRADE

PROPOSED GRADE

10-YEAR HGL

82.38 LF
18" HDPE
@ 1.01%

75.00 LF
15" HDPE
@ 1.00%

FL OUT (SE) 934.18, 36" HDPE
FL IN (NW) 934.68, 36" HDPE
FL IN (S) 935.68, 18" HDPE

FL OUT (N) 936.51, 18" HDPE
FL IN (S) 937.01, 15" HDPE

FL OUT (N) 937.76, 15" HDPE

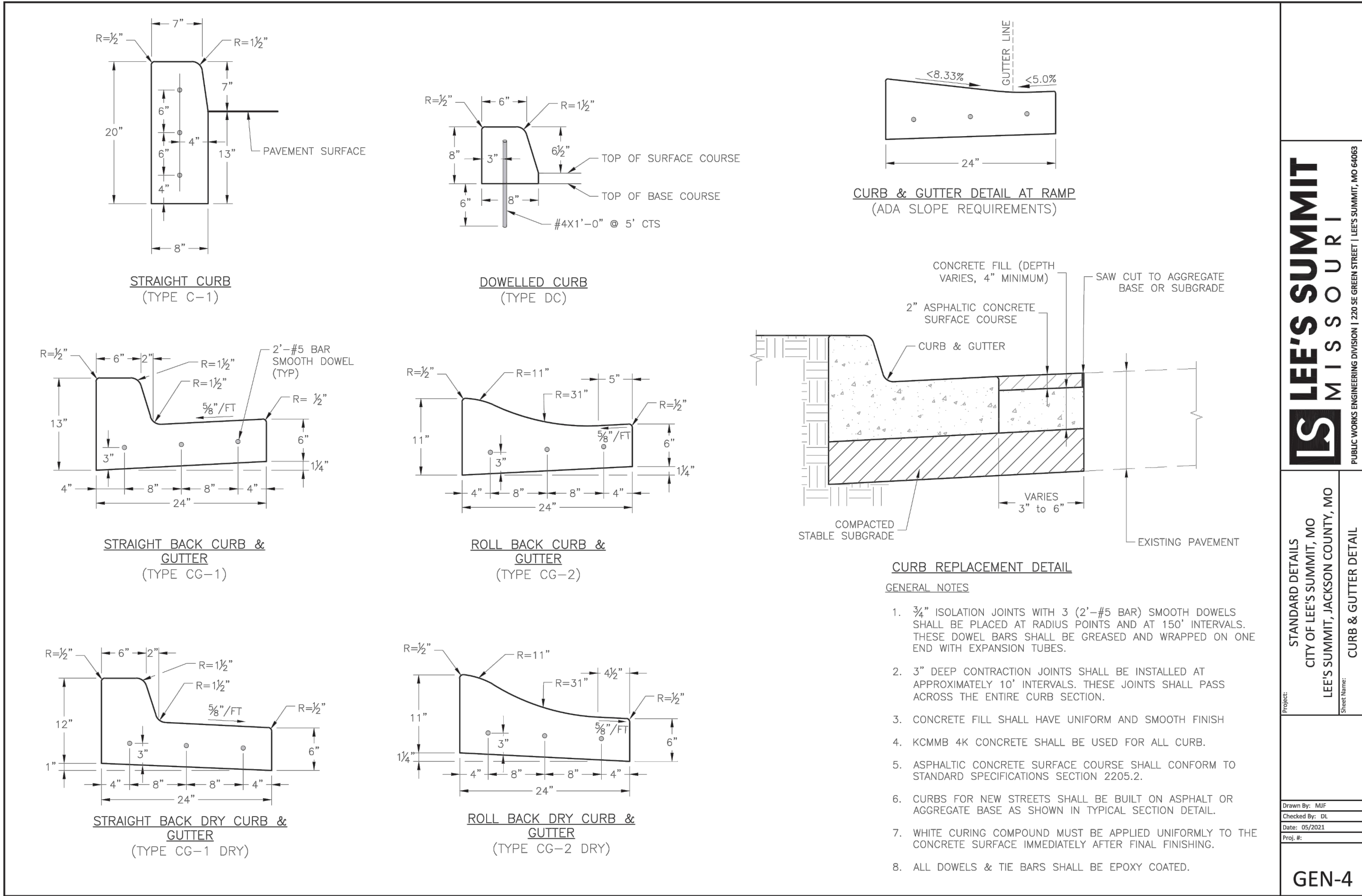
0+00

1+00

2+00

21

Record Drawing

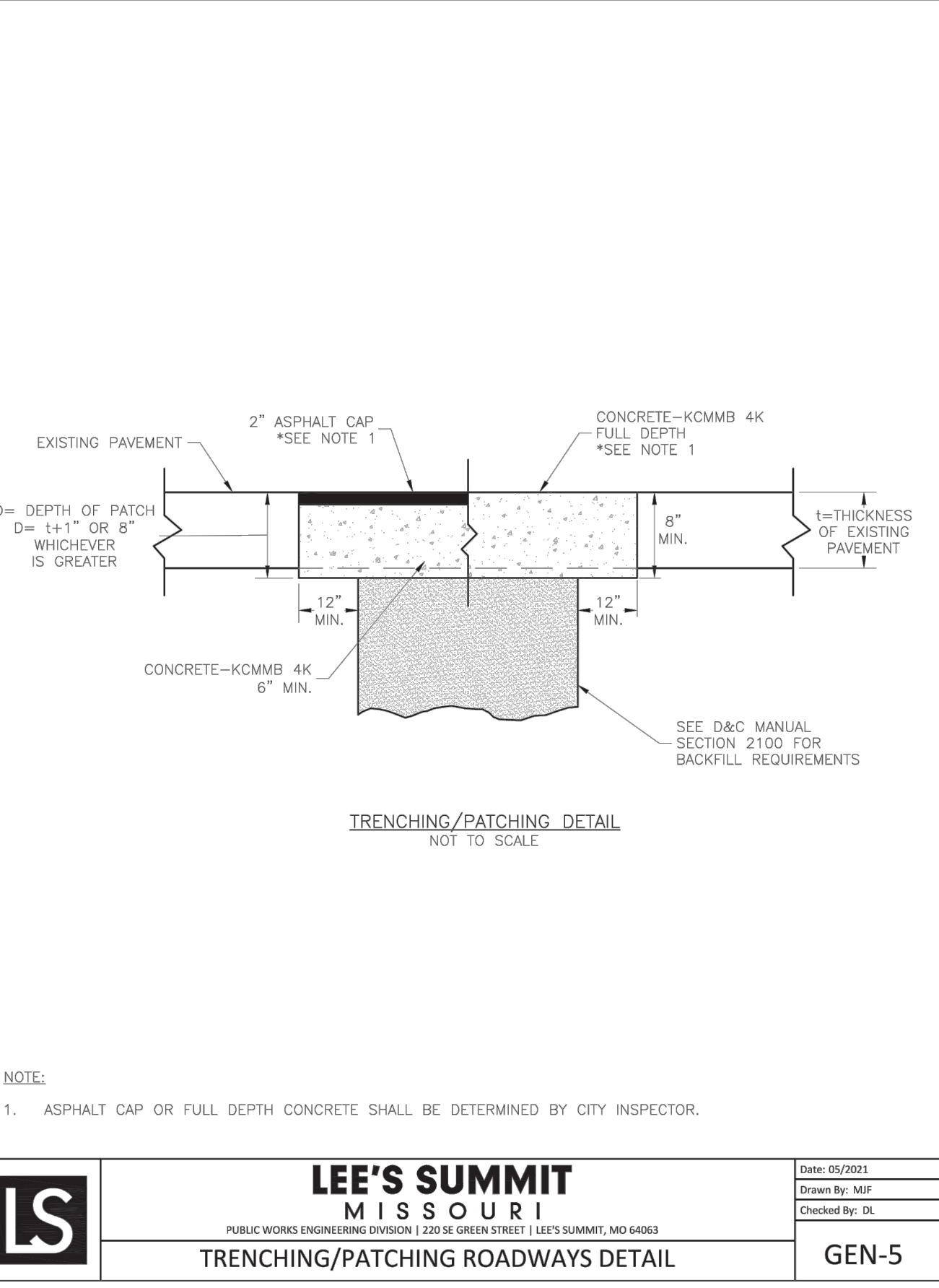


LEE'S SUMMIT MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

CURB & GUTTER DETAIL

GEN-4

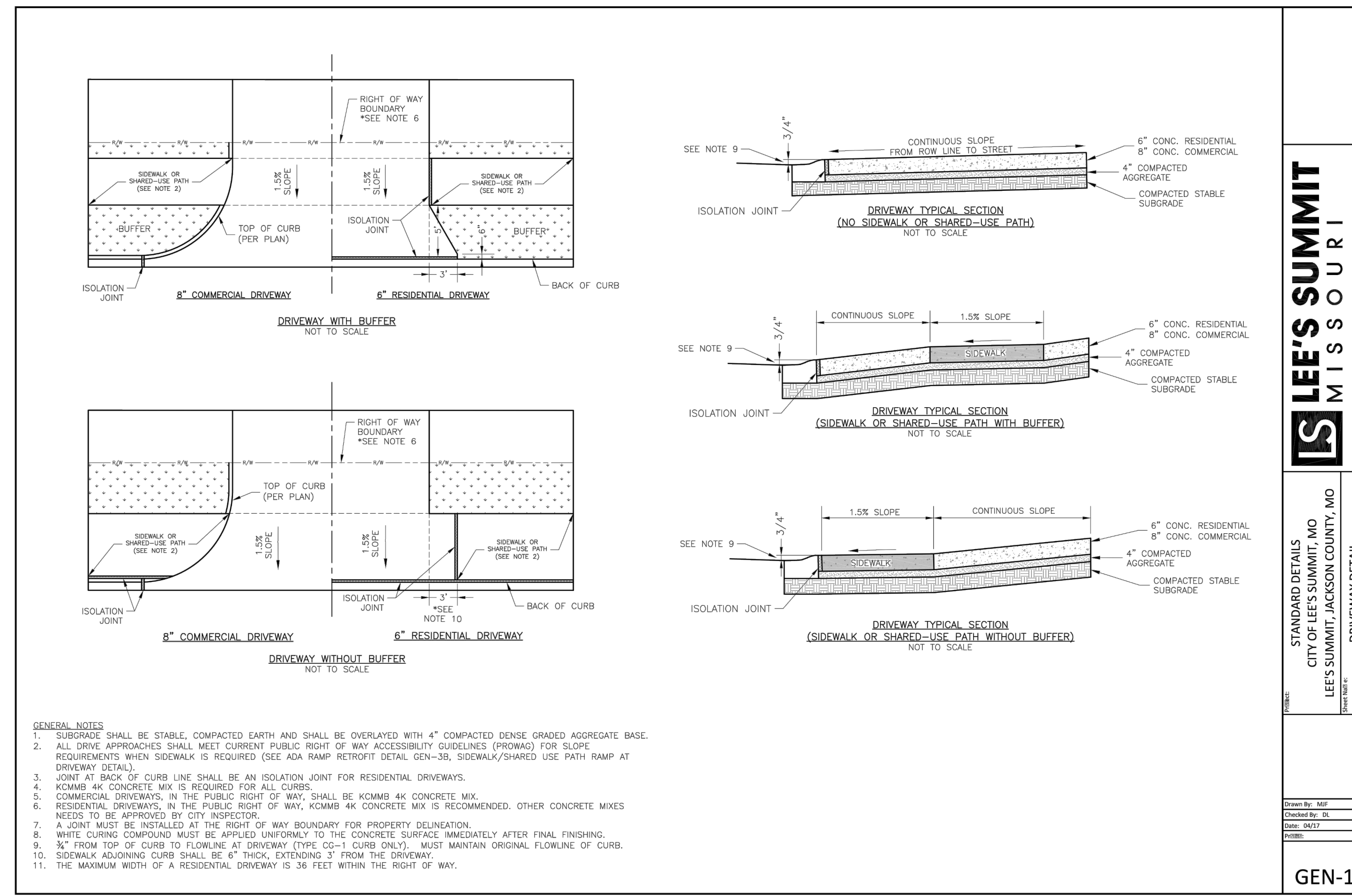


LEE'S SUMMIT MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

TRENCHING/PATCHING ROADWAYS DETAIL

GEN-5

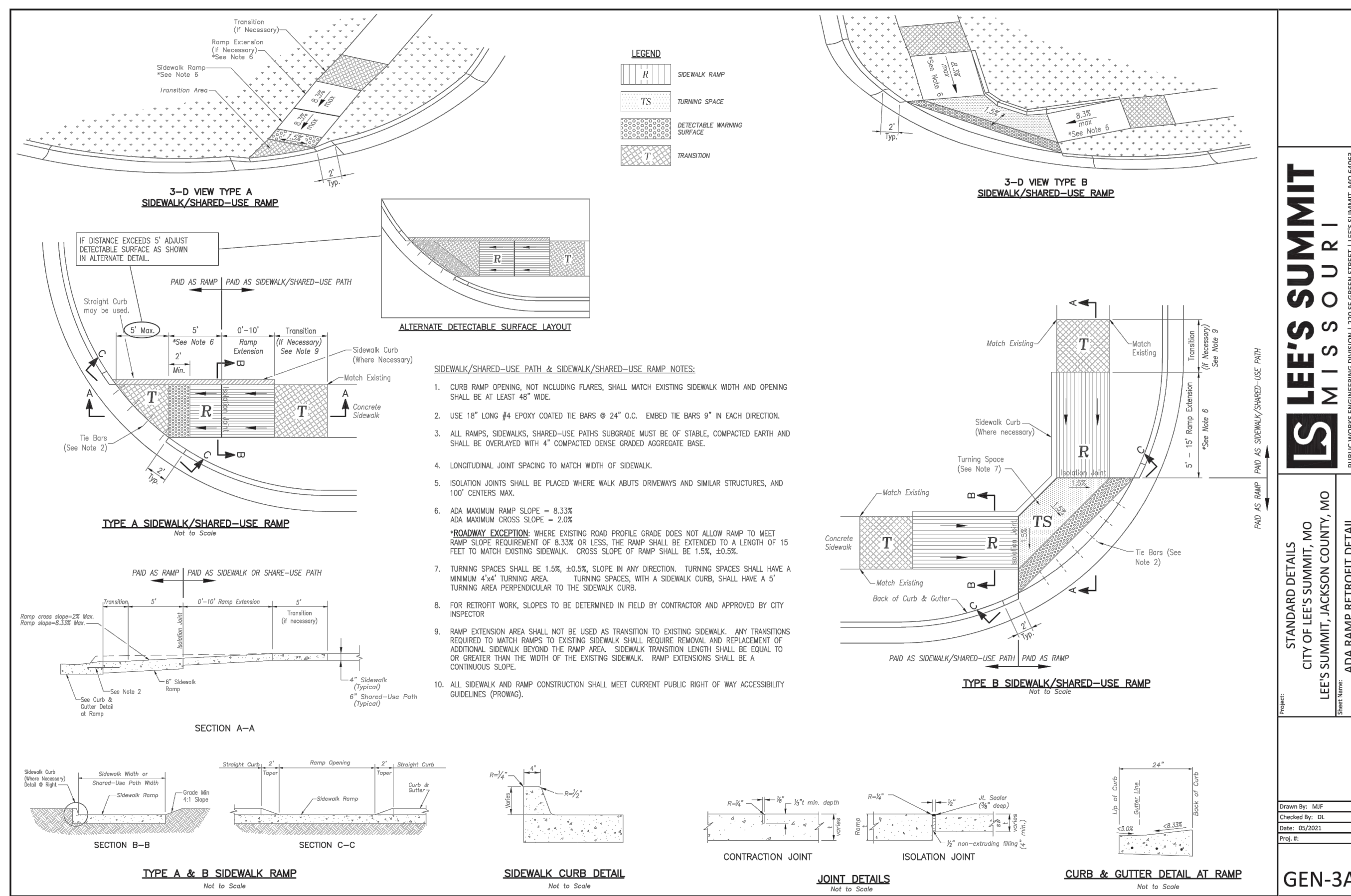


LEE'S SUMMIT MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

DRIVEWAY DETAIL

GEN-1



LEE'S SUMMIT MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

ADA RAMP RETROFIT DETAIL

GEN-3A

SCHLAGEL

ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS
14920 West 107th Street • Lenexa, Kansas 66215
(913) 492-5158 • Fax: (913) 492-8400
WWW.SCHLAGELASSOCIATES.COM
Missouri State Certificates of Authority
#E200200360F #LAC2001003237 #LS200200859F

SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

REVISION	DATE	DESCRIPTION
1	2-4-22	CITY COMMENTS
2	3-30-22	STREET TIE INS
3	5-22-23	AS-BUILT
4	11-16-2021	
5	20-189	

STREET DETAIL SHEET

SHEET

22

Record Drawing

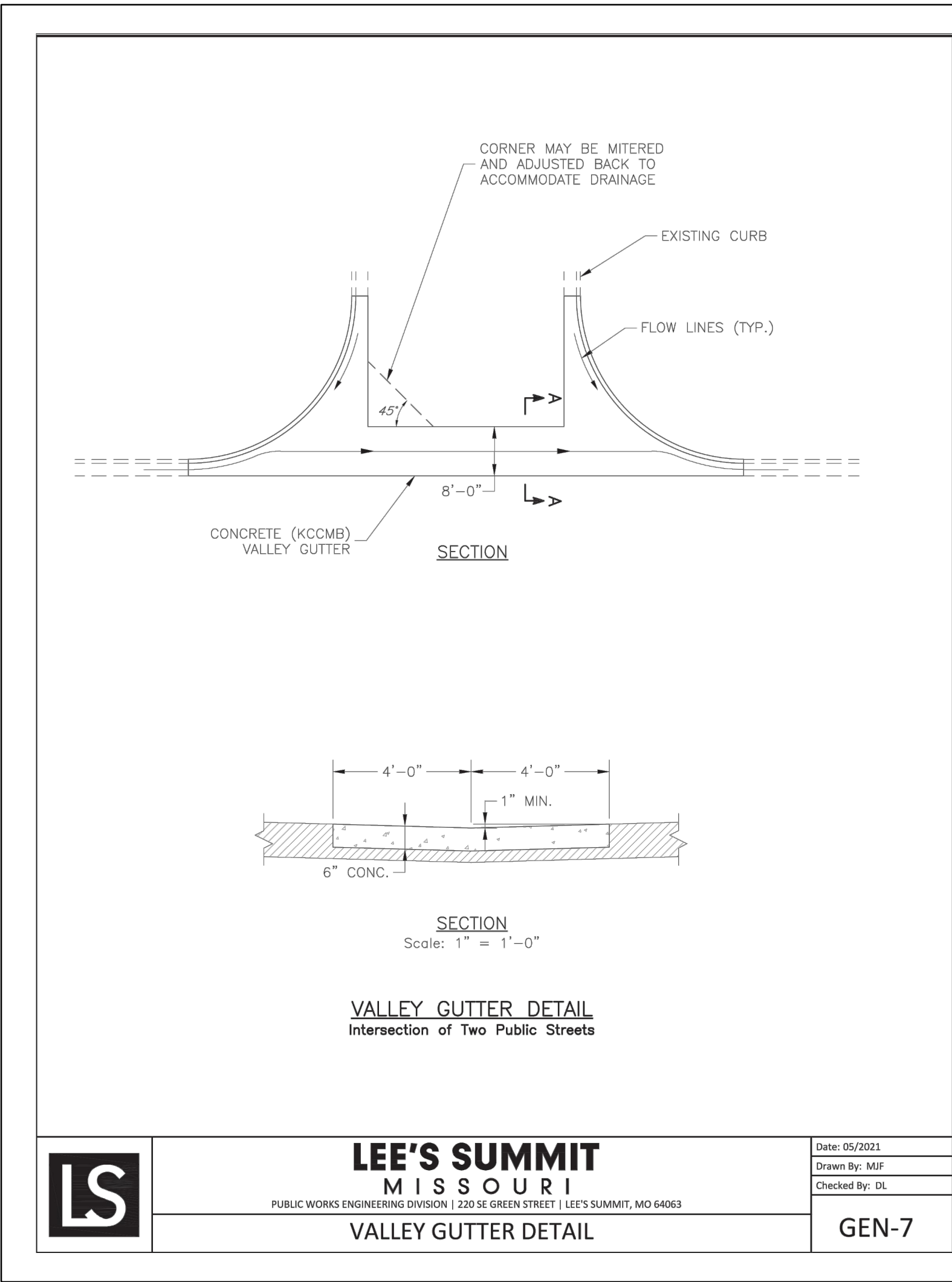


TABLE LS-2: MINIMUM ASPHALT PAVEMENT THICKNESSES

Street Classification	Pavement Option	AC Surface (in.)	AC Base (in.)	MoDOT Type 5 Base (in.)	Geogrid(1)	Chemical Subgrade Stabilization(2) (in.)
USE FOR RESIDENTIAL STREETS Residential Local/Access	A	2	4	6	--	6
	B	2	4	10	Geogrid	--
Residential Collector	A	2	5.5	6	--	9
	B	2	5.5	12	Geogrid	--
Commercial Industrial Local/Collector	A	2	7.5	6	--	9
	B	2	7.5	12	Geogrid	--

TABLE LS-3: MINIMUM PCC PAVEMENT THICKNESSES

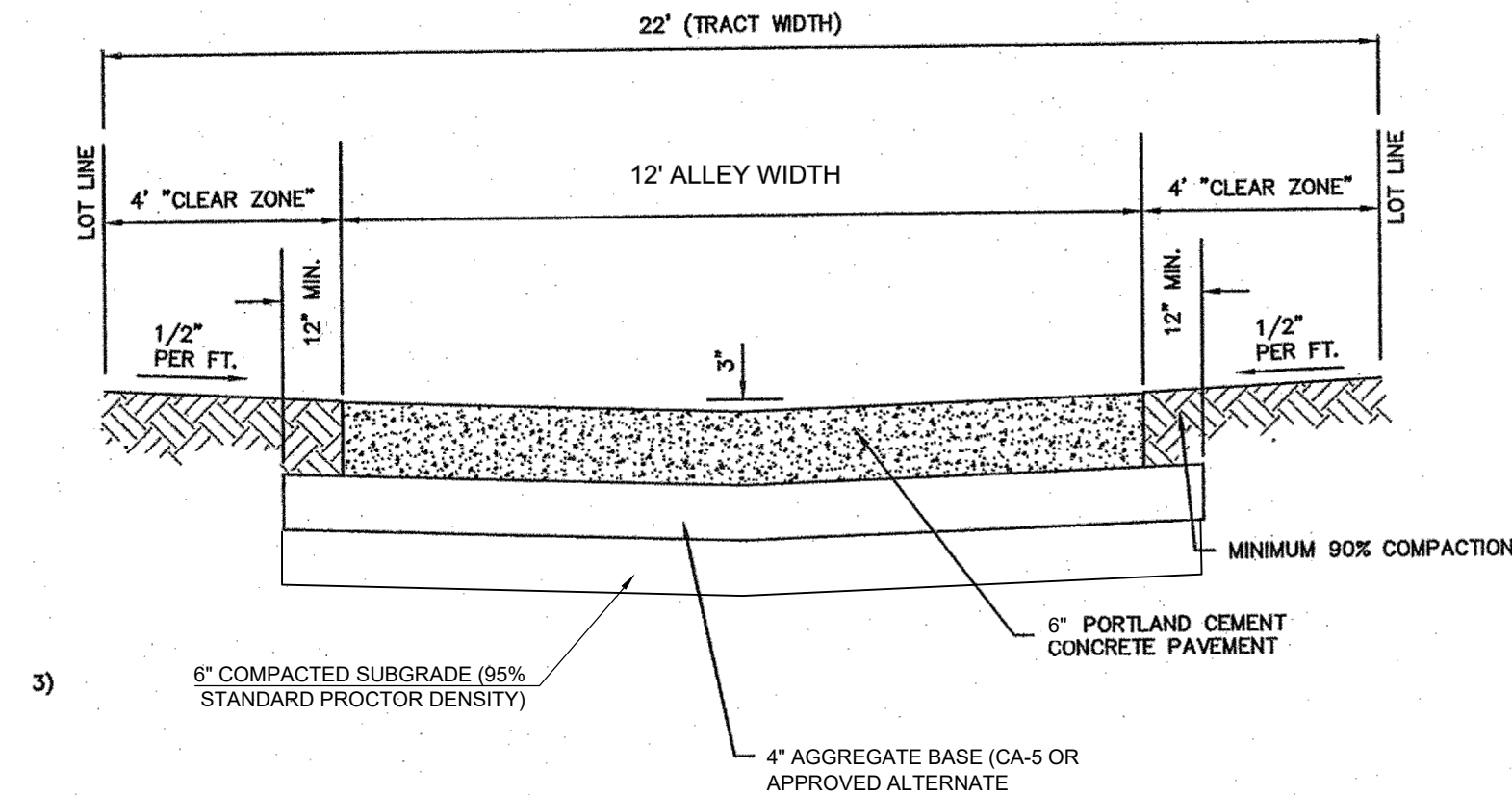
Street Classification	PCC (in.)	Aggregate Base (in.)	Subgrade Stabilization ⁽¹⁾ (in.)
USE FOR PRIVATE ALLEYS Residential Local/Access	6	4	--
Residential Collector	6	4	6
Commercial Industrial Local/Collector	8	4	9

(1) Subgrade Stabilization and 4" aggregate base may be replaced by approved geogrid and 6" of aggregate base

LS5200

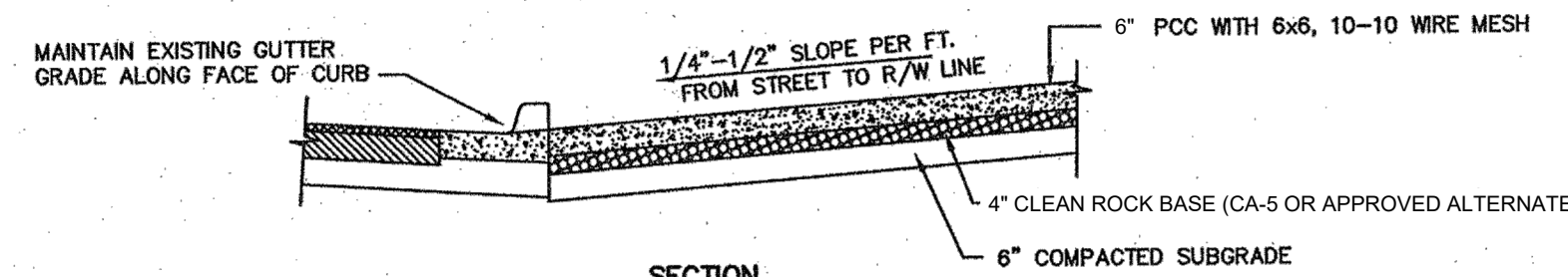
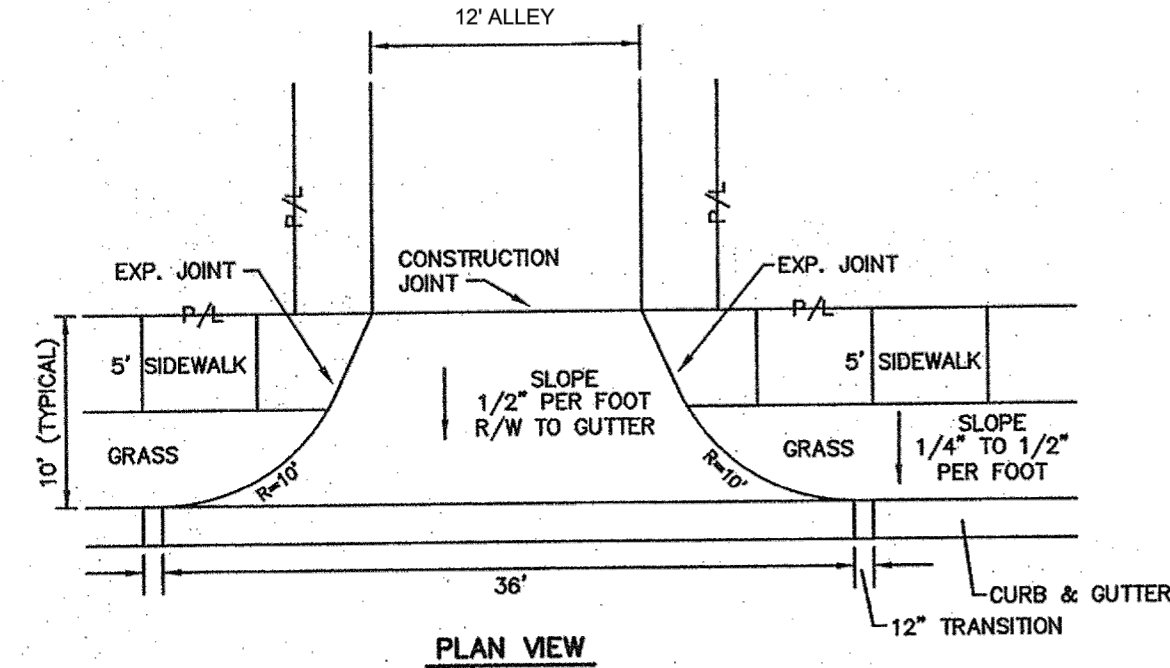
16

October 2016



TYPICAL ALLEY SECTION

- NOTES
1. COMPACTION JOINTS TO BE SAWED AT INTERVALS OF 20 FEET MAXIMUM. JOINTS SHALL BE FILLED WITH BITUMINOUS COMPOUND IMMEDIATELY FOLLOWING SAWING.
 2. DOWELED EXPANSION JOINTS SHALL BE LOCATED EVERY 100 FEET MAXIMUM.
 3. REINFORCE CONCRETE WITH 6x6x6 WOVEN WIRE MESH.
 4. USE ADDITIONAL REINFORCEMENT AROUND DRAINAGE STRUCTURES AS NECESSARY.



ALLEY APRON

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

Record Drawing

PREPARED BY:



SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

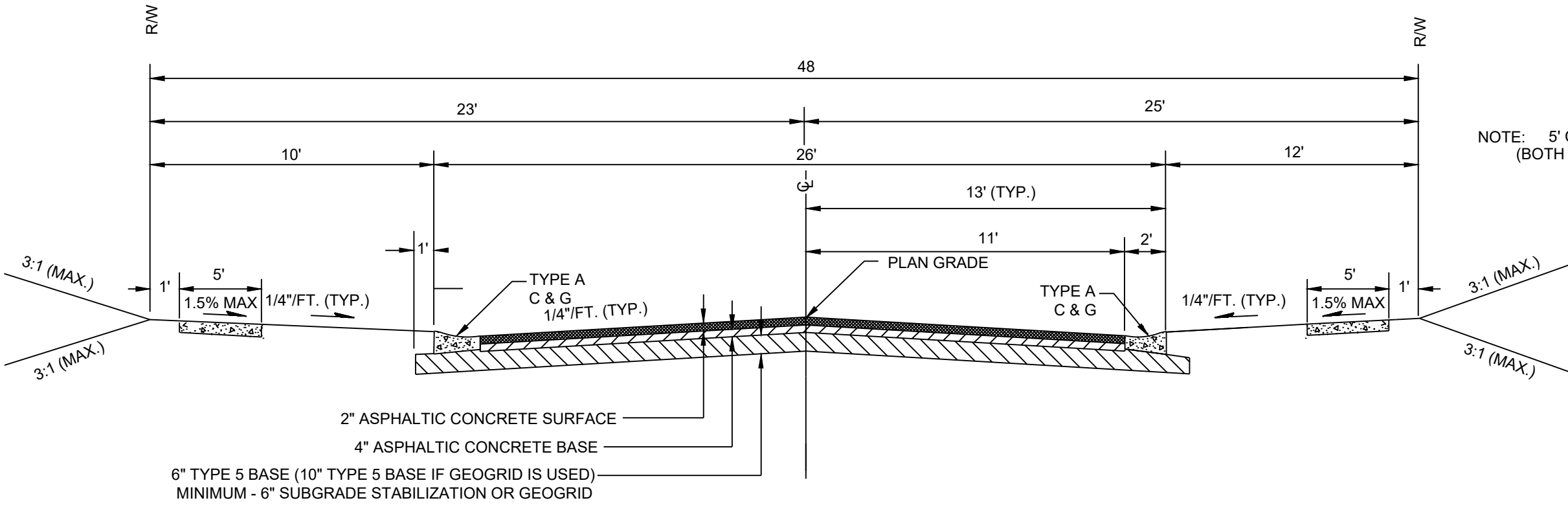
REVISION DATE	DESCRIPTION
1 2-4-22	CITY COMMENTS
2 3-30-22	CITY COMMENTS
3 11-9-22	STREET TIE INS
4 5-22-23	AS-BUILTS
5	
6	
7	
8	
9	
10	

DRAWN BY:	BAL
CHECKED BY:	MAB
DATE PREPARED:	11-16-2021
PROJ. NUMBER:	20-189

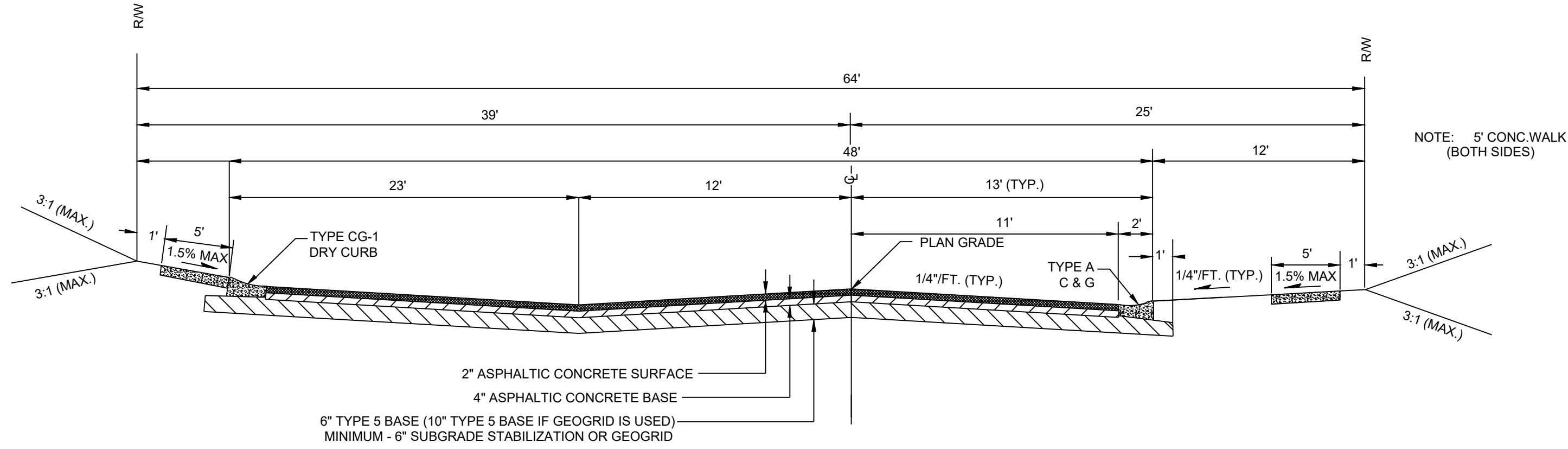
STREET DETAIL
SHEET CONT

SHEET

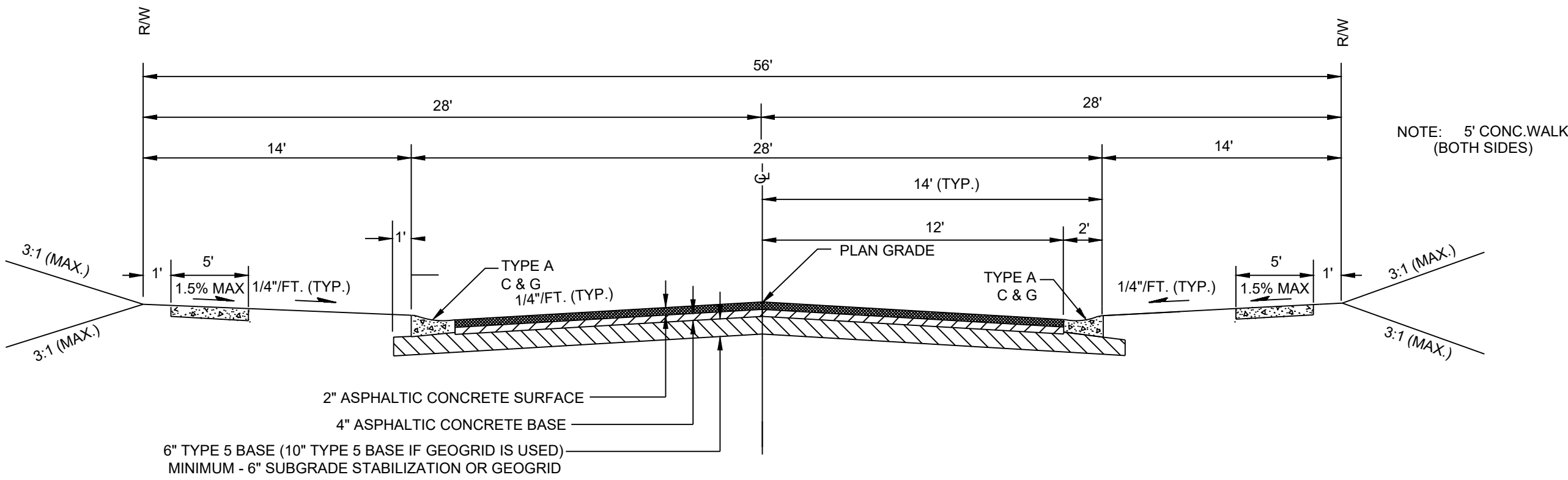
23



PERGOLA PARK DR 26' B/B STA. 6+97 TO 9+57
NTS



PERGOLA PARK DR PERPENDICULAR PARKING STA. 9+57 TO 10+97
NTS



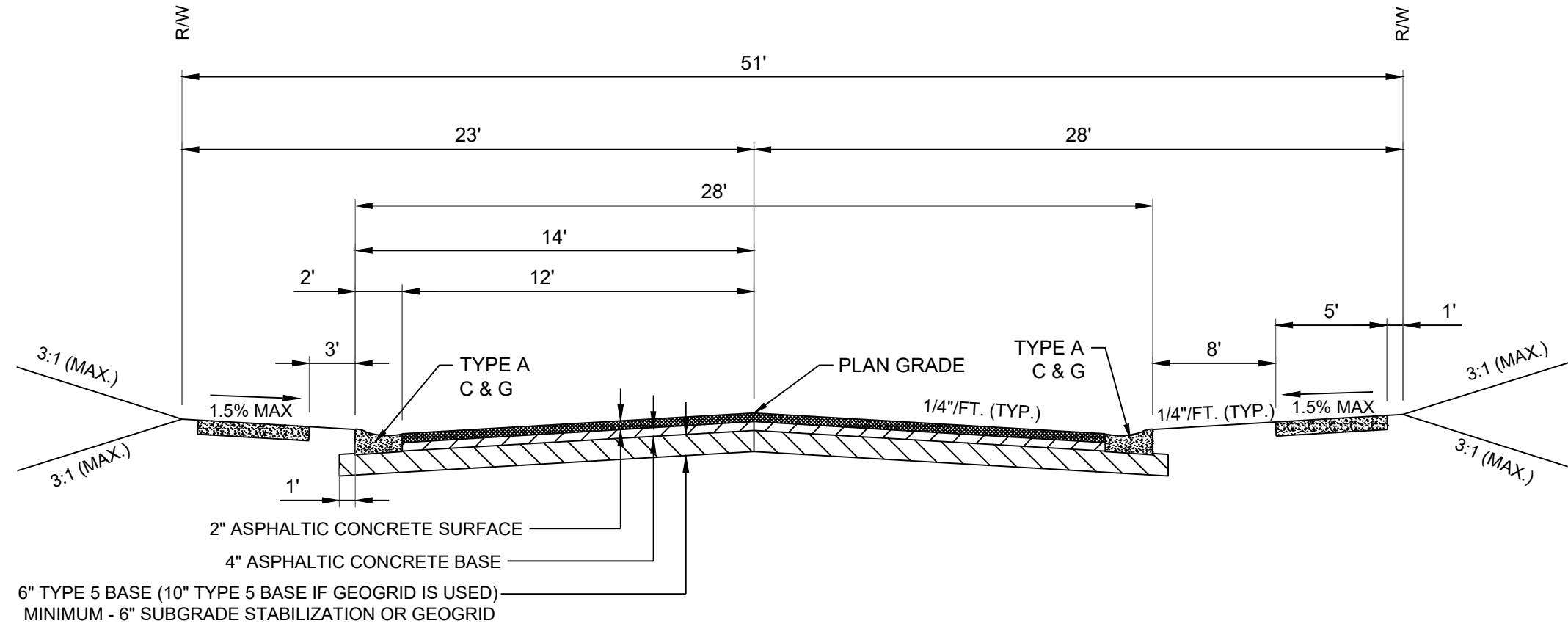
BLUE RIBBON LN 28' B/B STA. 4+40 TO 4+75
NTS

RECORD DRAWING

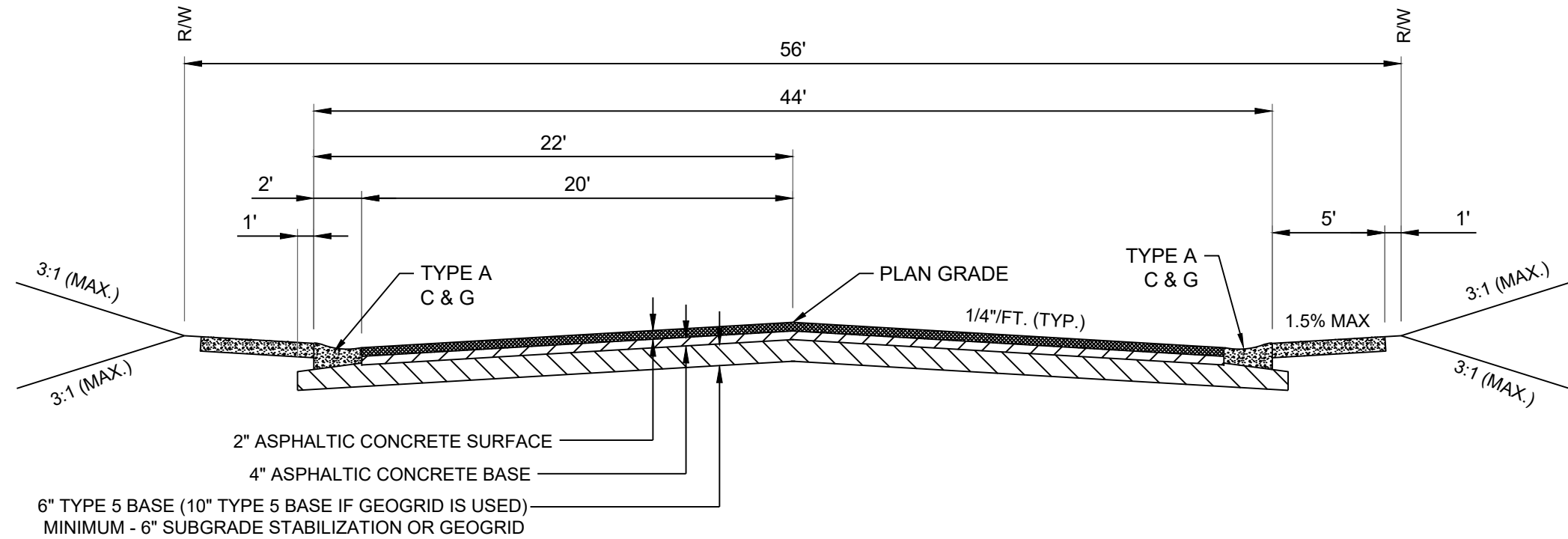
The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlagel and Associates.

“100.00 100.10”, “1.00% 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

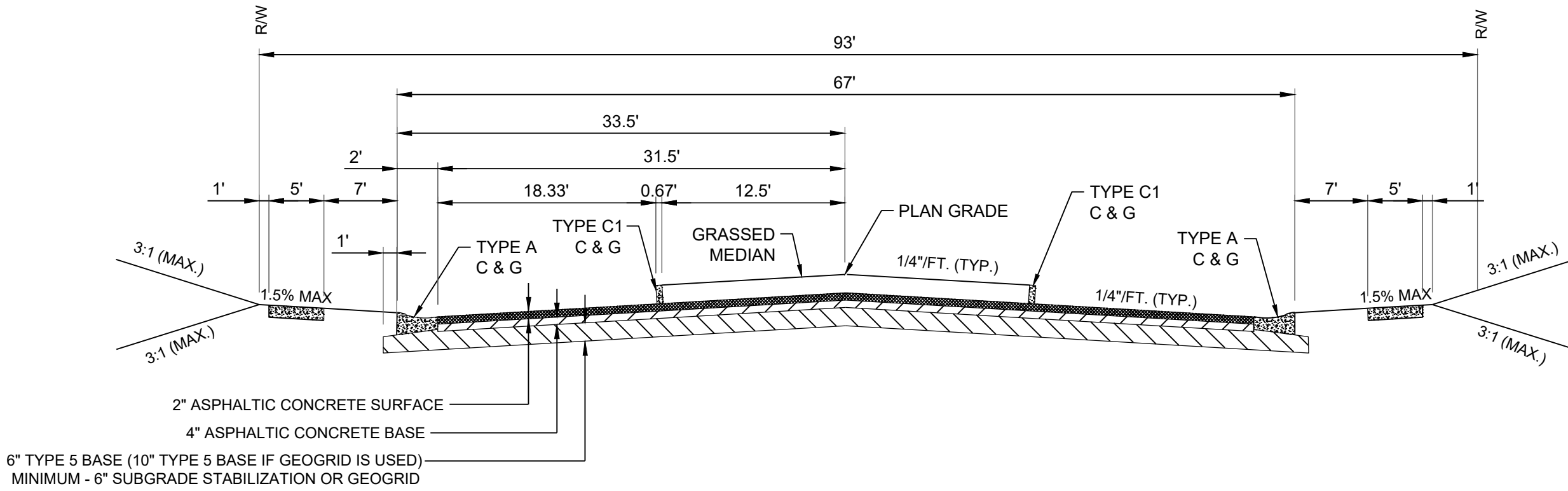
Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlagel and Associates, P.A.



BLUE RIBBON 28' B/B STA. 0+00 TO 0+67
NTS



BLUE RIBBON PARALLEL PARKING BOTH SIDES STA. 1+65 TO 4+40
NTS

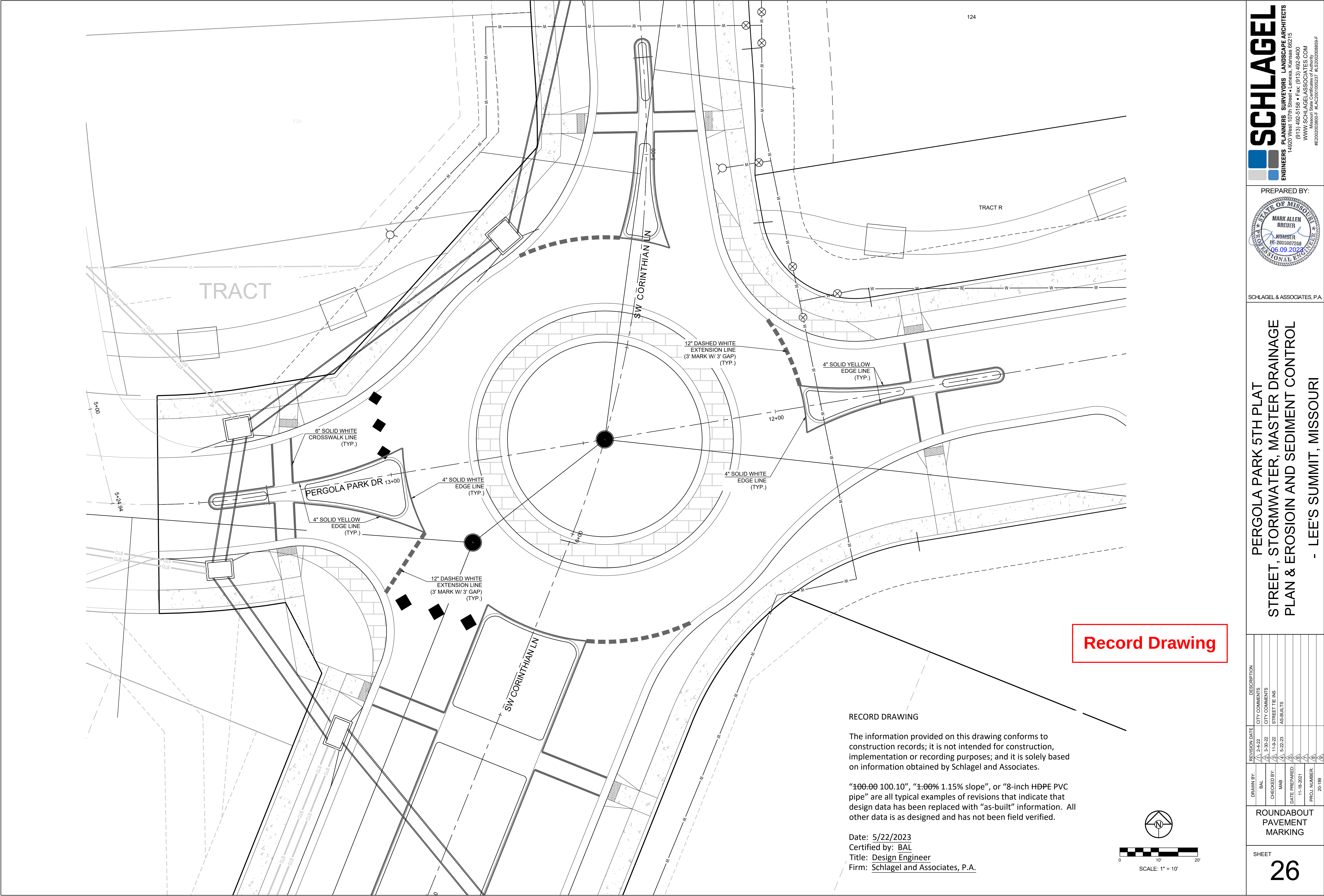


BLUE RIBBON DIVIDED STREET STA. 6+30 TO 7+21
NTS

Record Drawing

REVISION	DATE	DESCRIPTION
1	2-4-22	CITY COMMENTS
2	3-30-22	CITY COMMENTS
3	11-9-22	STREET TIE INS
4	5-22-23	AS-BUILTS
5		
6		
7		
8		
9		
10		

DRAWN BY:	BAL
CHECKED BY:	MAB
DATE PREPARED:	11-16-2021
PROJ. NUMBER:	20-189

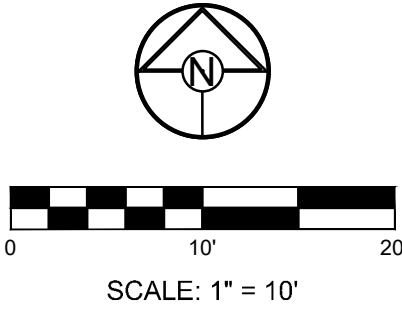


RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

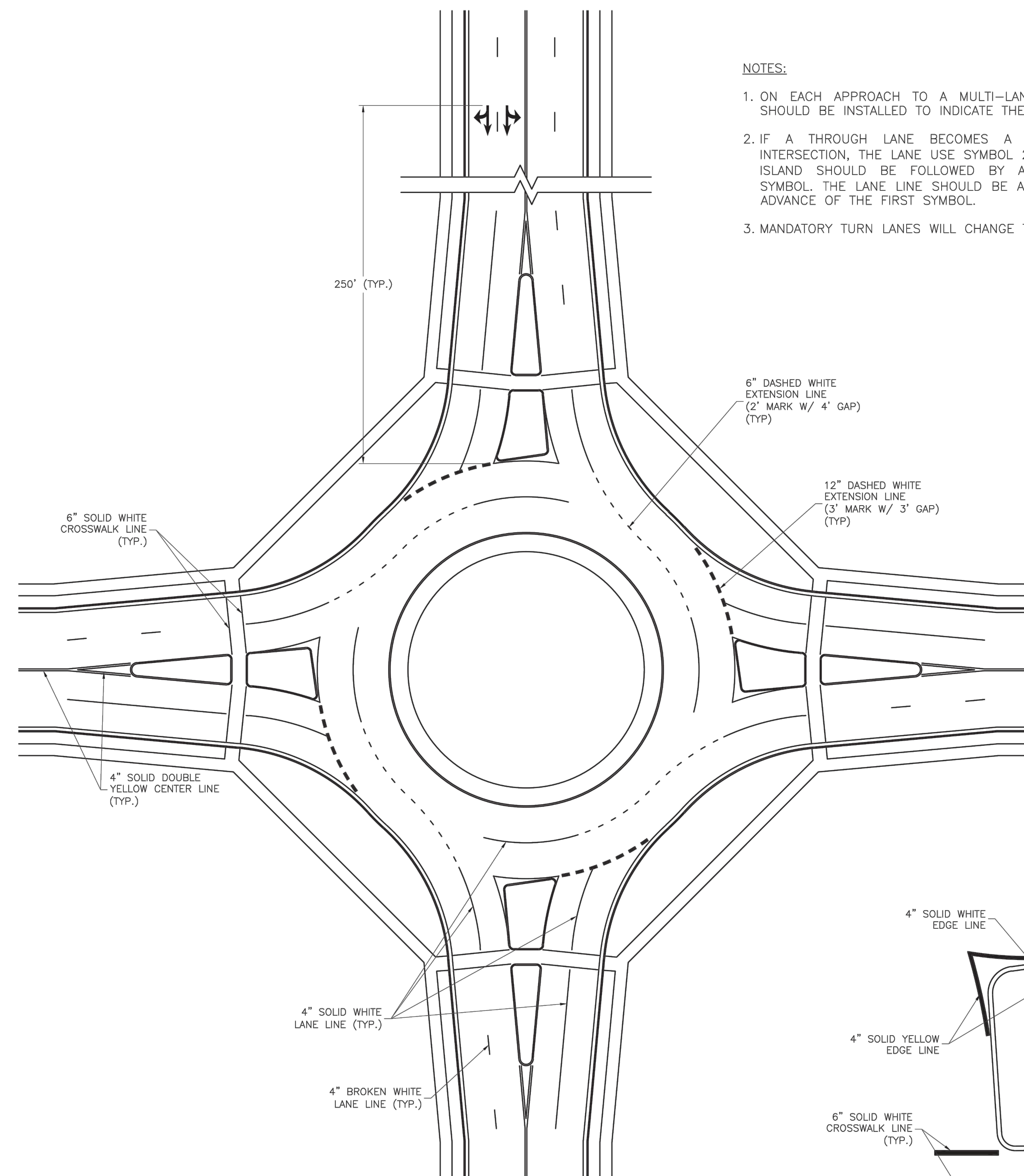


SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

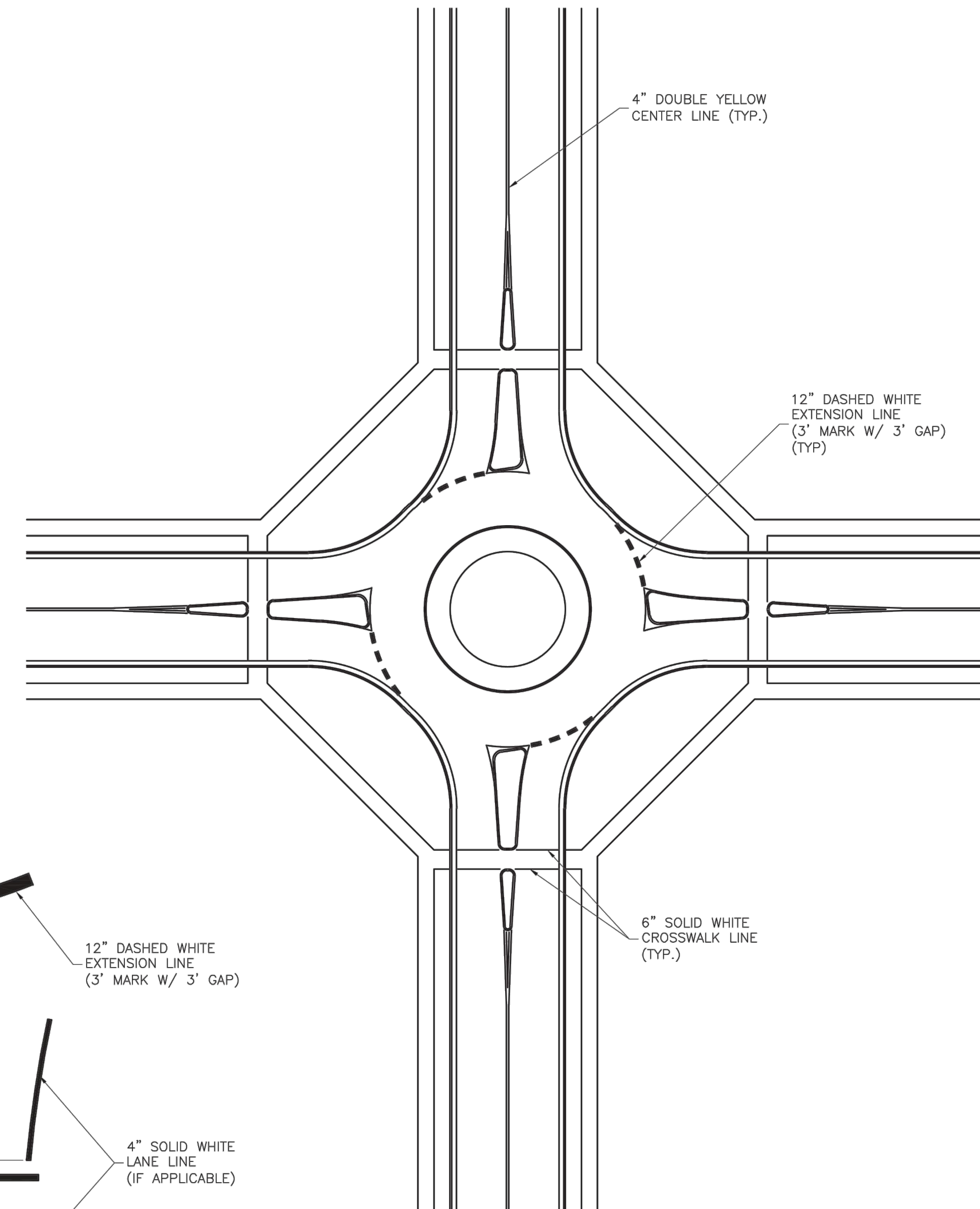
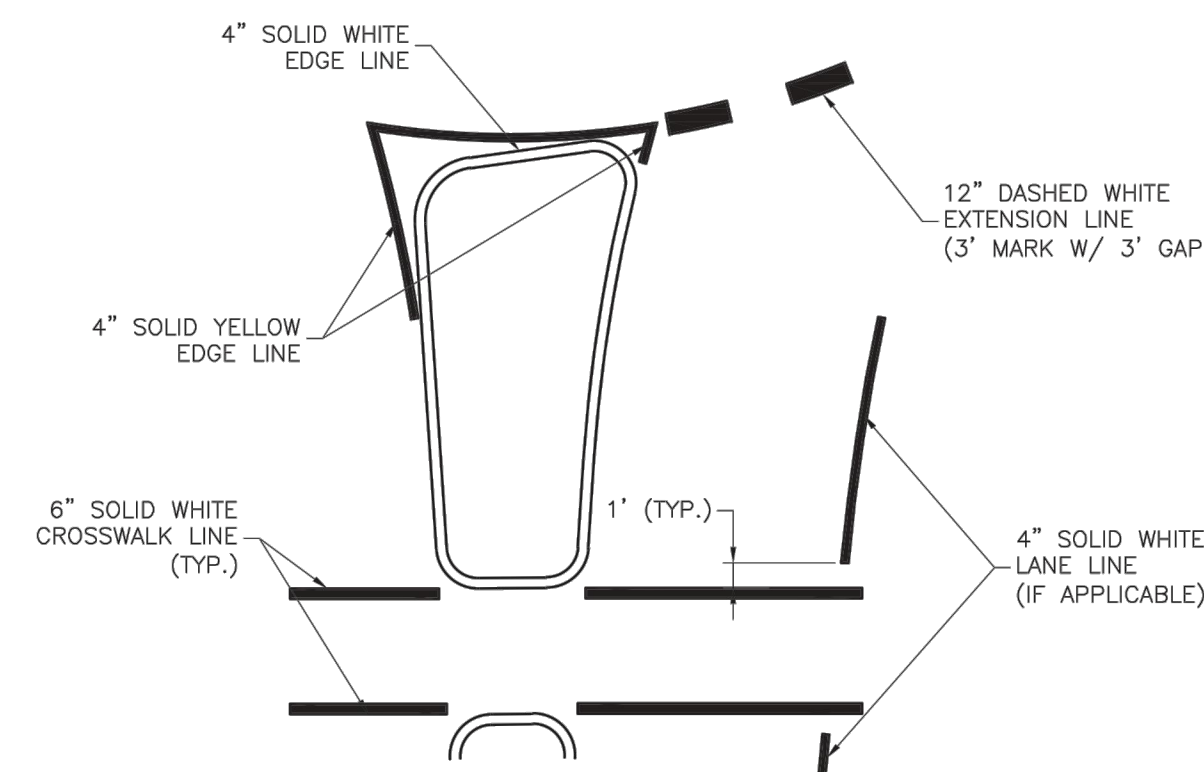
REVISION DATE	DESCRIPTION
1 2-4-22	CITY COMMENTS
2 3-30-22	CITY COMMENTS
3 11-9-22	STREET TIE INS
4 5-22-23	AS-BUILTS
5	
6	
7	
8	
9	
10	

ROUNDABOUT
PAVEMENT
MARKING



NOTES:

1. ON EACH APPROACH TO A MULTI-LANE ROUNDABOUT, PAVEMENT MARKING SYMBOLS SHOULD BE INSTALLED TO INDICATE THE LANE USE CONFIGURATION.
2. IF A THROUGH LANE BECOMES A MANDATORY TURN LANE AT A ROUNDABOUT INTERSECTION, THE LANE USE SYMBOL 250' IN ADVANCE OF THE END OF THE SPLITTER ISLAND SHOULD BE FOLLOWED BY AN "ONLY" SYMBOL AND ANOTHER LANE USE SYMBOL. THE LANE LINE SHOULD BE A SOLID WHITE LINE FOR A DISTANCE OF 10' IN ADVANCE OF THE FIRST SYMBOL.
3. MANDATORY TURN LANES WILL CHANGE THE MARKINGS WITHIN THE CIRCULAR ROADWAY.



LEE'S SUMMIT
MISSOURI

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

STANDARD DETAILS

Standard Details
City of Lee's Summit, MO
Lee's Summit, Jackson County, MO

Sheet Name: **ROUNDABOUT MARKING DETAILS**

Drawn By: BW
Checked By: M
Date: 01/2020
Proj. #:

PM-3

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlagel and Associates.

“100.00 100.10”, “1.00% 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

Date: 5/22/2023
 Certified by: BAL
 Title: Design Engineer
 Firm: Schlagel and Associates, P.A.

Record Drawing

PREPARED BY:



SCHLAGEL & ASSOCIATES, P.A.

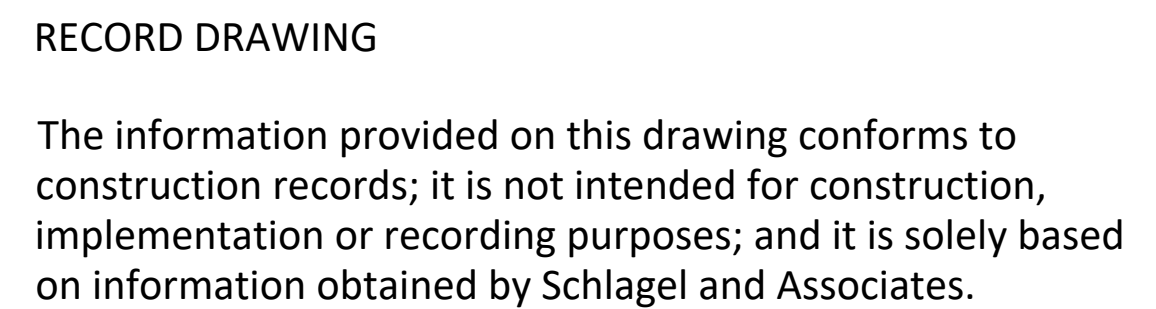
PERGOLA PARK 5TH PLAT
STREET, STORMWATER, MASTER DRAINAGE
PLAN & EROSION AND SEDIMENT CONTROL
- LEE'S SUMMIT, MISSOURI

DRAWN BY:	AS-SIGNATURE	DESCRIPTION
BAL	A 2-42	CITY COMMENTS
	A 3-30-22	CITY COMMENTS
CHECKED BY:	A 1-19-22	STREET TIE INS
MAB	A 5-22-23	AS-BUILTS
DATE PREPARED:	A	
11-18-2021	A	
PROJ. NUMBER:	A	
20-189	A	

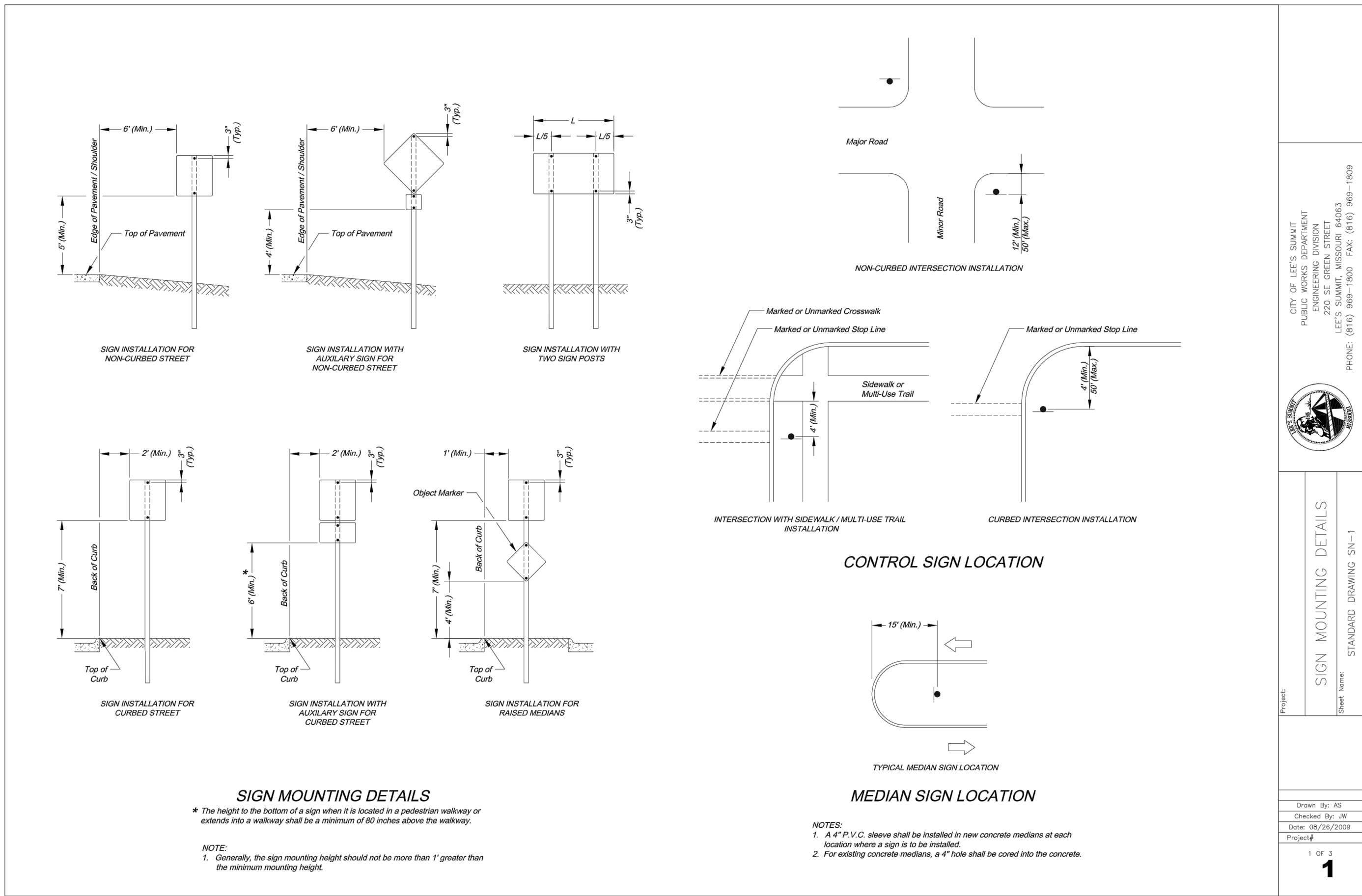
PAVEMENT MARKING DETAIL

SHEET

27

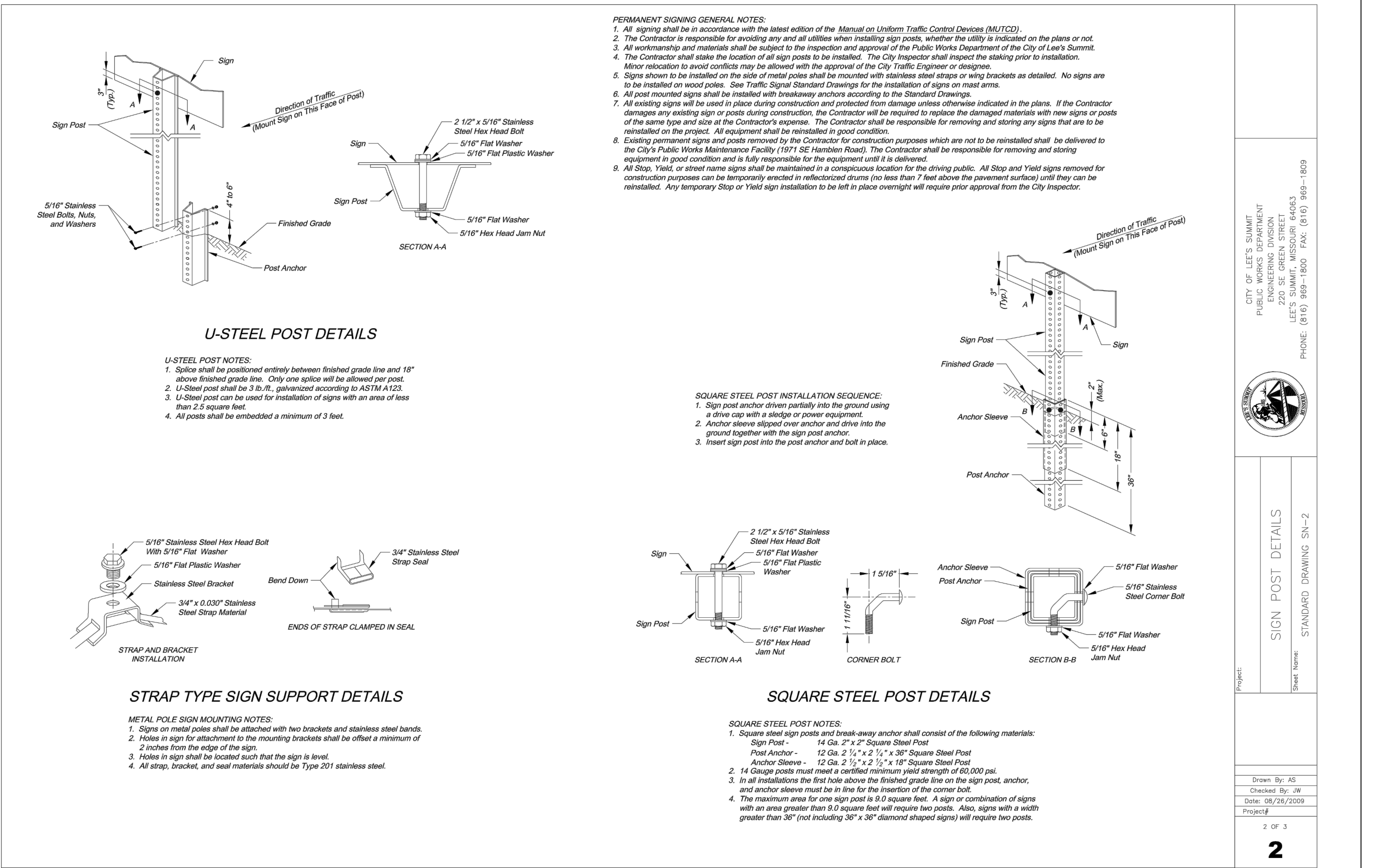


Record Drawing



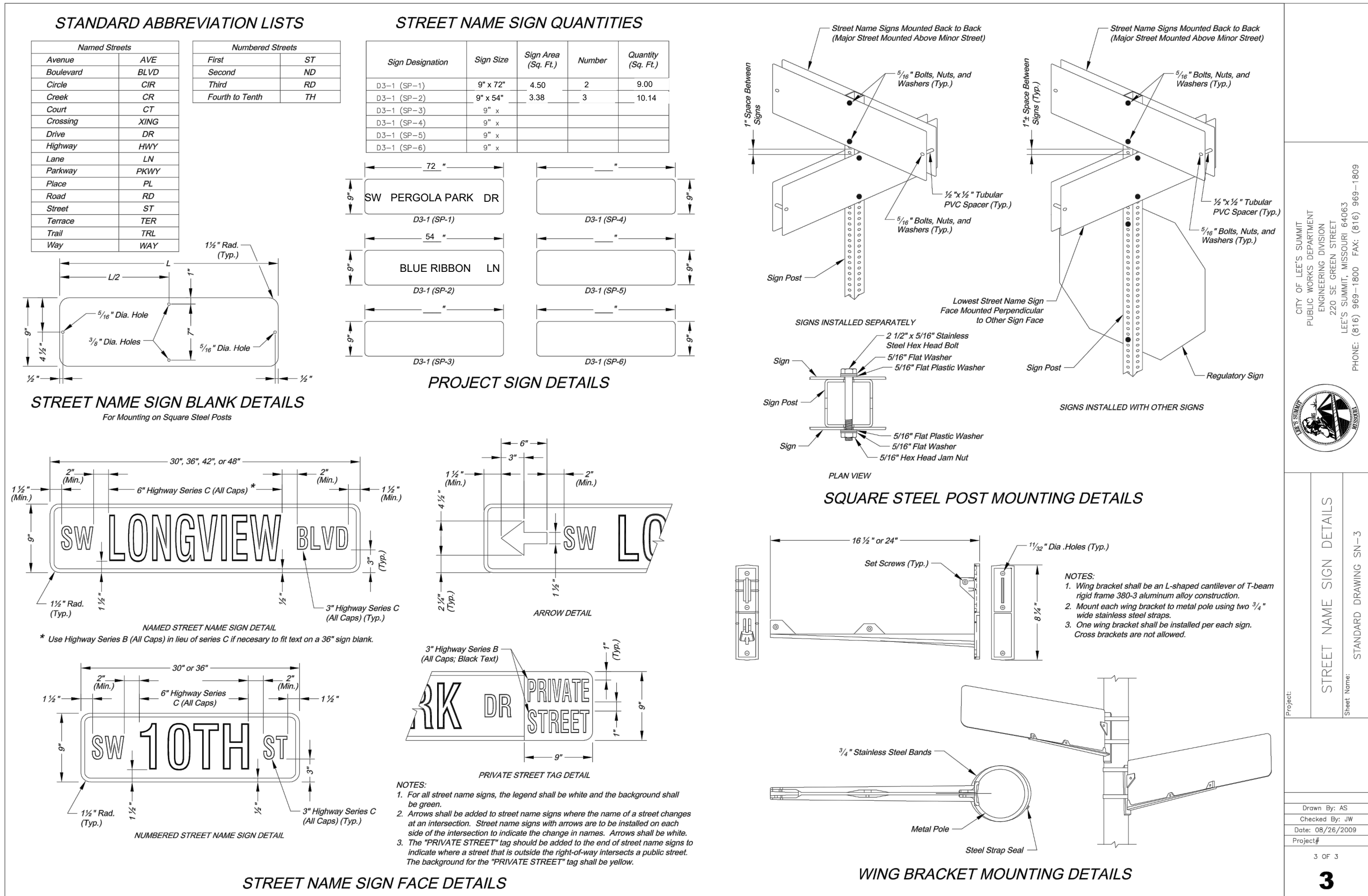
PROJECT:	CITY OF LEE'S SUMMIT PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION LEE'S SUMMIT, MISSOURI 64603 PHONE: (816) 969-1800 FAX: (816) 969-1809
DESIGNER:	AS
CHECKED BY:	AS
DATE:	08/26/2009
PROJECT:	
1 OF 3	

1



PROJECT:	CITY OF LEE'S SUMMIT PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION LEE'S SUMMIT, MISSOURI 64603 PHONE: (816) 969-1800 FAX: (816) 969-1809
DESIGNER:	AS
CHECKED BY:	AS
DATE:	08/26/2009
PROJECT:	
2 OF 3	

2



PROJECT:	CITY OF LEE'S SUMMIT PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION LEE'S SUMMIT, MISSOURI 64603 PHONE: (816) 969-1800 FAX: (816) 969-1809
DESIGNER:	AS
CHECKED BY:	AS
DATE:	08/26/2009
PROJECT:	
3 OF 3	

3

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by Schlager and Associates.

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/22/2023
Certified by: BAL
Title: Design Engineer
Firm: Schlager and Associates, P.A.

