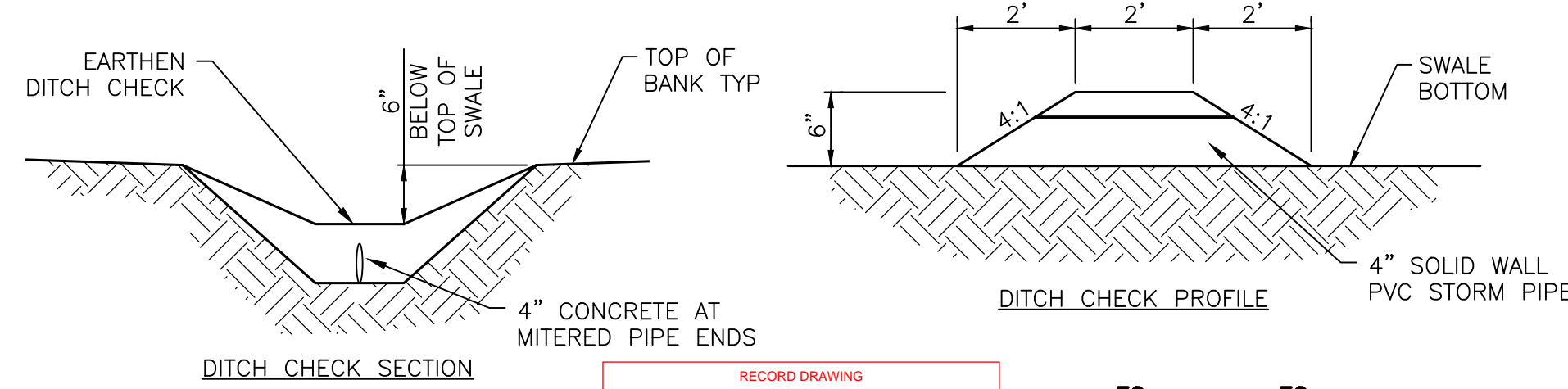


LOT	LOT CORNER	SWALE PROFILE GRADE	1% WATER SURFACE ELEVATION
78	SOUTH	1008.40	1008.53
79	NORTH	1008.40	1008.53
79	SOUTH	999.21	999.44
80	NORTH	999.21	999.44
80	SOUTH	1000.77	1001.00
81	NORTH	1000.77	1001.00
81	SOUTH	1007.69	1007.84
82	NORTH	1007.69	1007.84
82	END	1011.68	1011.83
87/88	NORTH	999.60	999.98
87/88	FRONT SETBACK	997.28	997.69

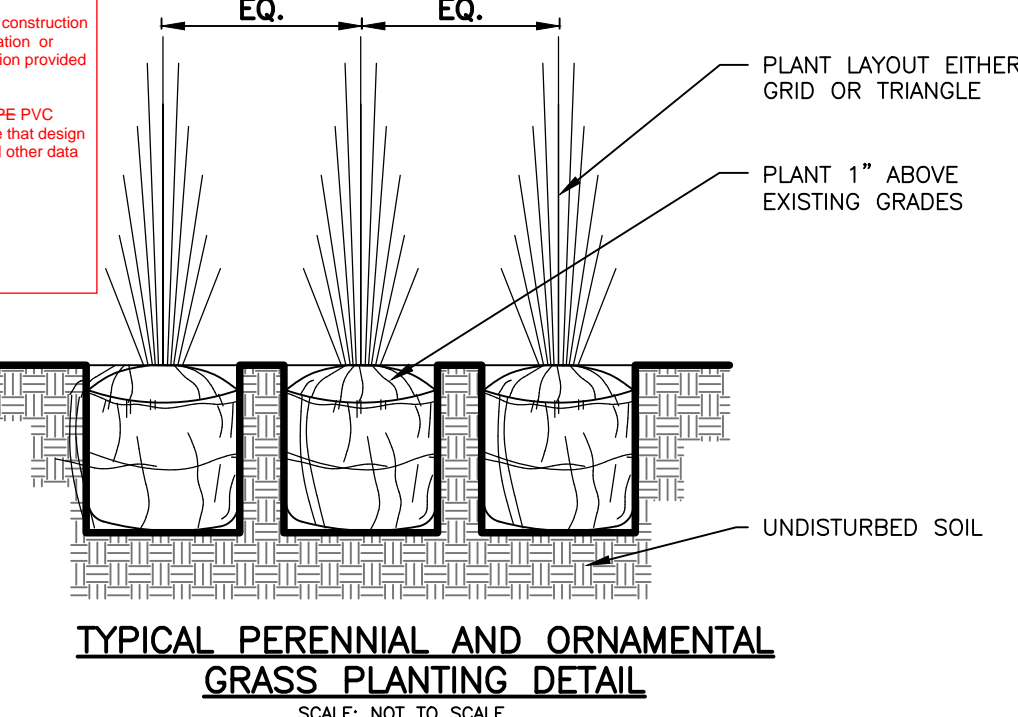
LOT	LOT CORNER	SWALE PROFILE GRADE	1% WATER SURFACE ELEVATION
96	START	989.40	989.48
96	SOUTH	988.76	989.10
97	NORTH	988.76	989.10
97	SOUTH	990.47	990.81
98	NORTH	990.47	990.81
98	SOUTH	992.18	992.44
99	NORTH	992.18	992.44
99	SOUTH	993.89	994.15
TRACT D	NORTH	993.89	994.15
TRACT D	END	999.29	999.41



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 provided by others and information obtained by my firm.
 *4000 100' 10" 1.00% 1.15% slope" or "8-inch HDPE PVC pipe" are all typical examples of responses 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: 01-12-2022
 Certified by: Mark Daniel McGhee, Jr.
 Title: Senior Project Manager
 Firm: Lamp Rynearson

PLANT SCHEDULE

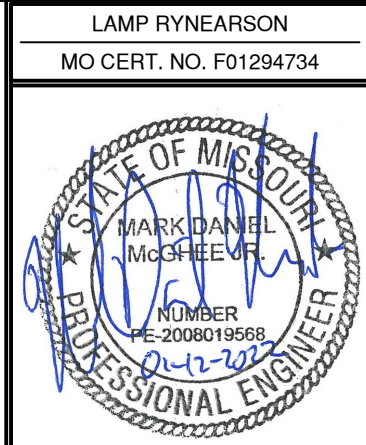
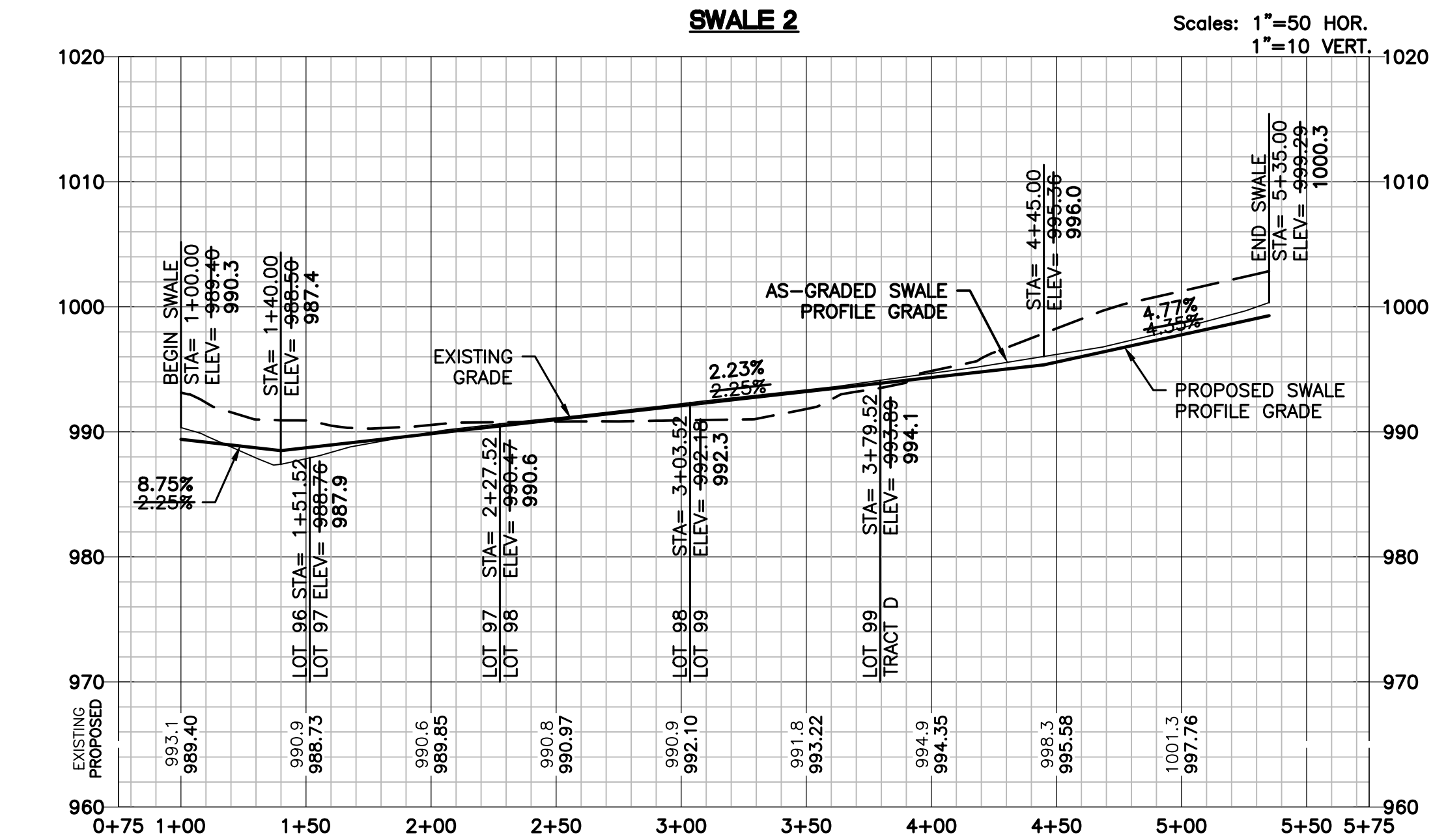
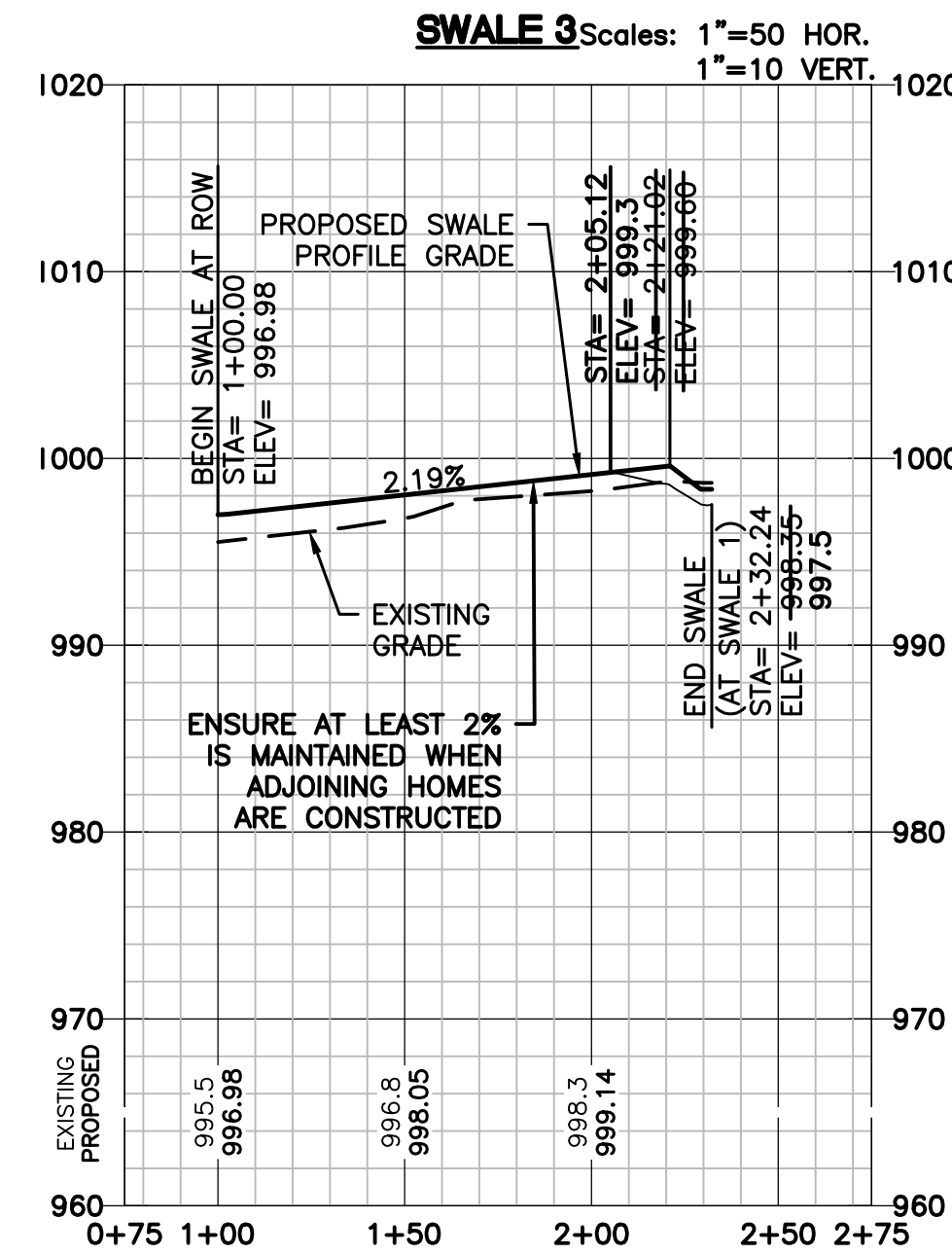
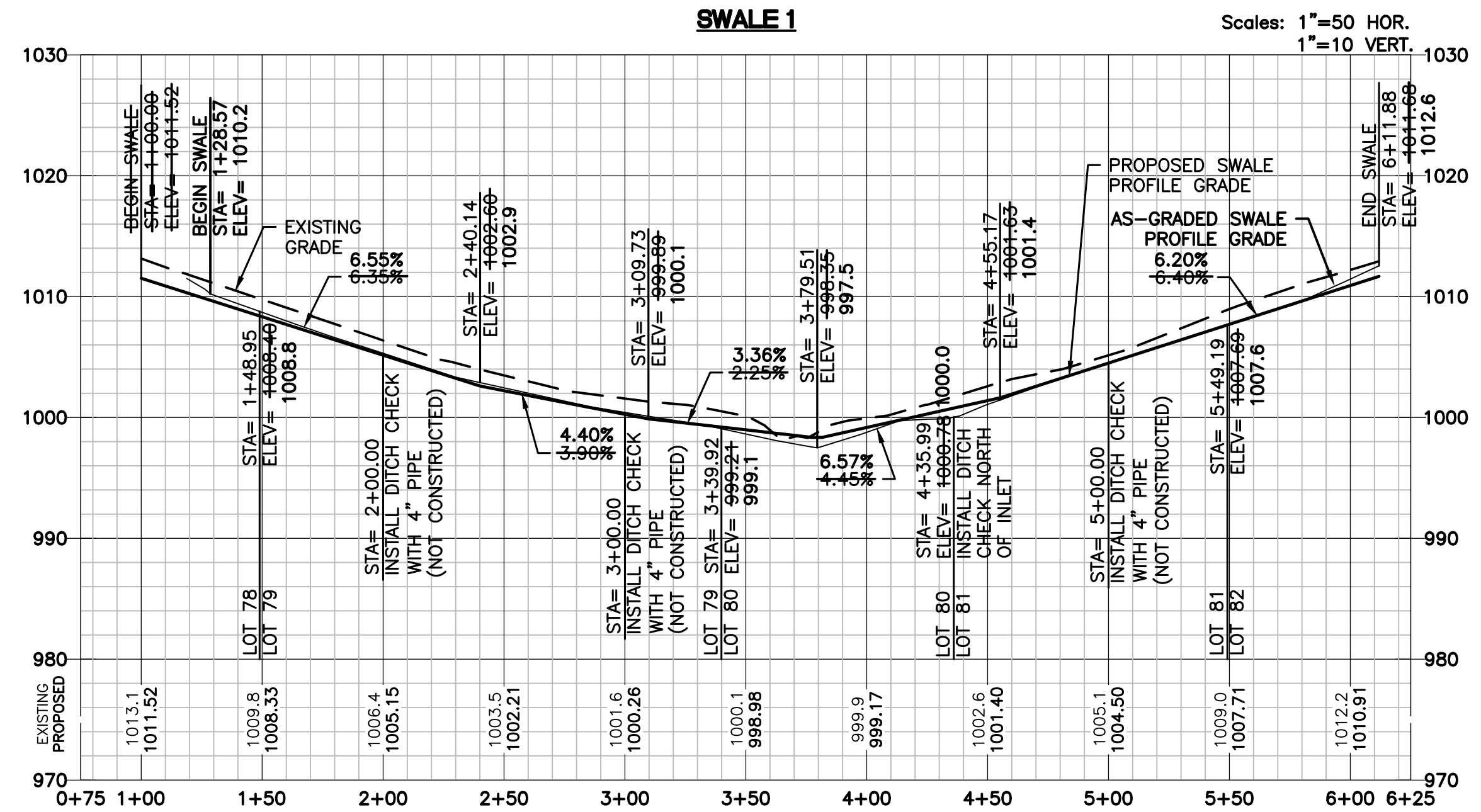
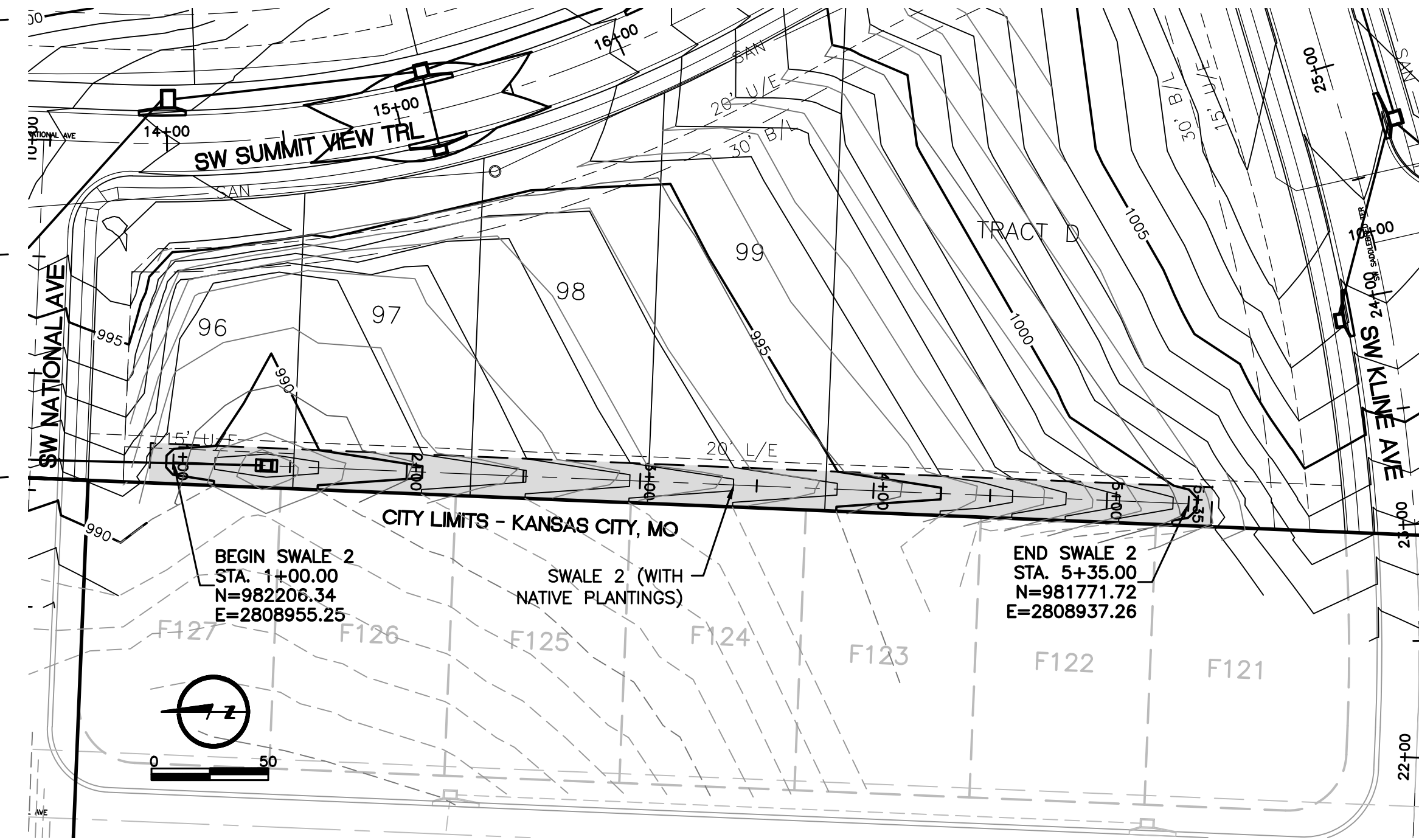
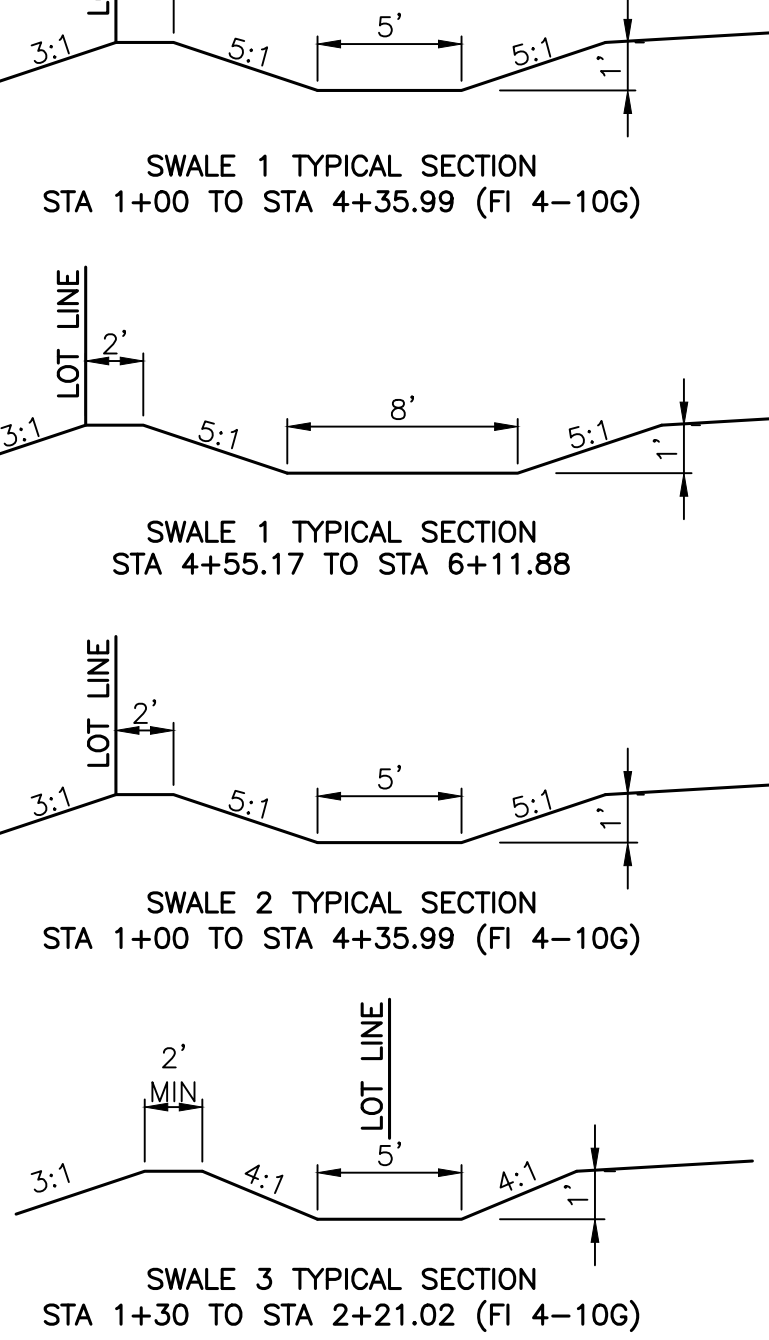
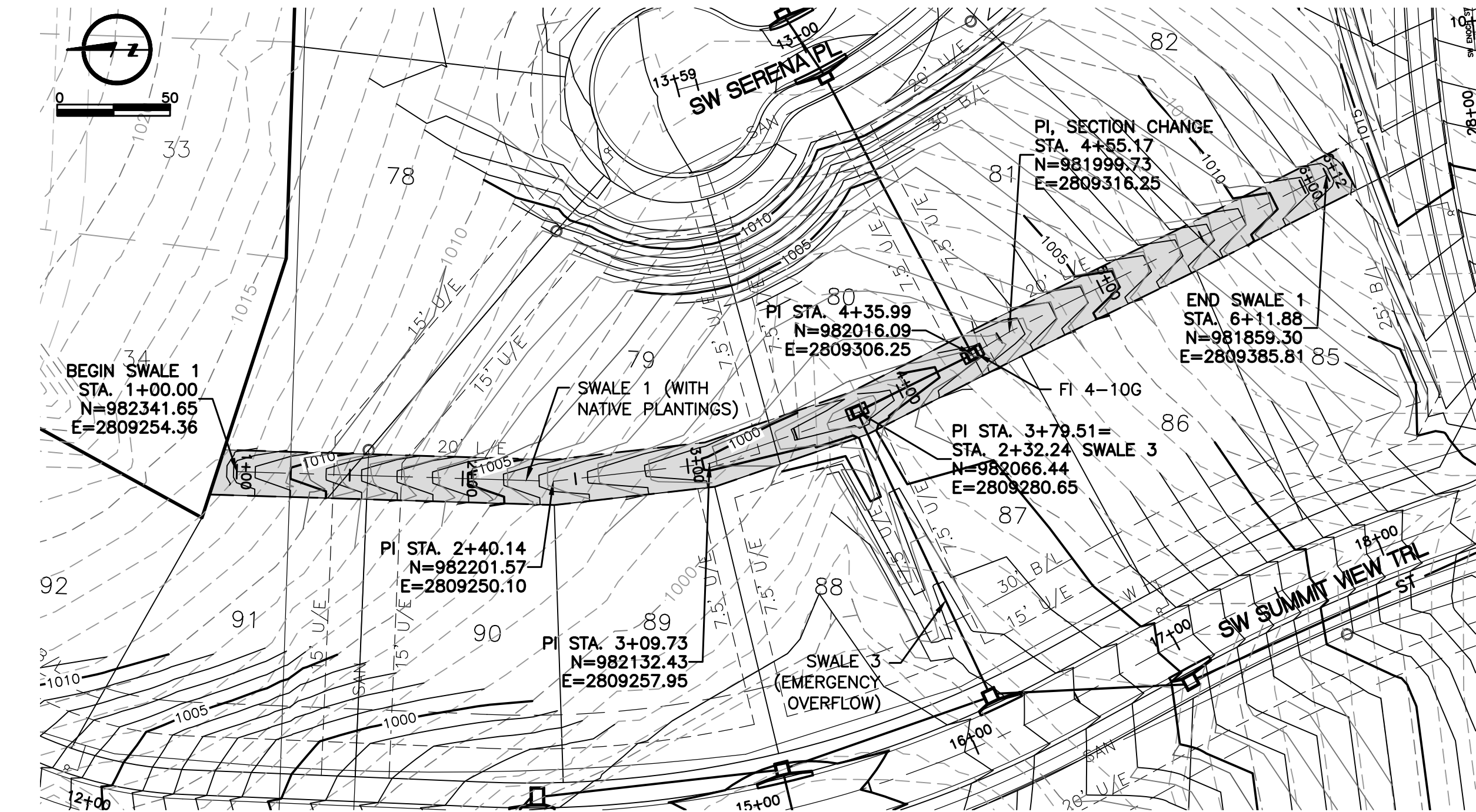
NATIVE PLANTINGS					
BOTANICAL NAME	COMMON NAME	PLANTING SIZE	SPACING	HEIGHT	WIDTH
CAREX VULPINOIDEA	BROWN FOX SEDGE	DEEP CELL PLUG	18" O.C.	2-3	1-1.5
PANICUM VIRGATUM	SWITCH GRASS	DEEP CELL PLUG	24" O.C.	4-5	2-3
CAREX BROMOIDES	BROME HUMMOCK SEDGE	DEEP CELL PLUG	18" O.C.	0.75-1	1.5-2
ASCLEPIAS INCARNATA	SWAMP MILKWEED	DEEP CELL PLUG	24" O.C.	3-4	2-3



- LEGEND**
- PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - - - EXISTING MAJOR CONTOUR
 - - - EXISTING MINOR CONTOUR
 - - - AS-GRADED MAJOR CONTOUR
 - - - AS-GRADED MINOR CONTOUR

- PLANTING NOTES**
- EXISTING AND IMPORTED SOIL FOR PLANTING AREAS SHALL BE FREE FROM CHEMICALS, CONSTRUCTION DEBRIS AND TRASH, ROCKS AND OTHER MATERIAL LARGER THAN ONE INCH IN DIAMETER.
 - ALL NATIVE PLANTING AREAS SHALL BE SCARIFIED AND RECEIVE CONDITIONED SOILS. COMPLETELY BREAK-UP SOIL TO A MINIMUM DEPTH OF 12".
 - APPLY GRANULAR PRE-EMERGENT WEED CONTROL TO AREAS TO RECEIVE AND NON-LAWN ORNAMENTAL PLANTING AFTER INCORPORATING SOIL AMENDMENTS.
 - ALL PLANTED AREAS TO BE AMENDED PER AN AGRICULTURAL/SOIL SUITABILITY TEST. ESTIMATE SPREADING SOIL AMENDMENT AT THE RATE OF 6 CUBIC YARDS PER 1,000 SQUARE FEET. TILL INTO THE TOP OF SOIL TO A MINIMUM DEPTH OF 6". RAKE TO A SMOOTH, EVEN SURFACE PER THE GRADING PLANS.

SWALE SECTION DATA				SWALE DESIGN TABLE (1% STORM)				SWALE FLOW DATA					
SWALE	STATION	SWALE SLOPE (FT/FT)	LEFT SIDE SLOPE (H:V)	RIGHT SIDE SLOPE (H:V)	BOTTOM WIDTH (FT)	FLOW (CFS)	DEPTH OF FLOW (FT)	FLOW AREA (SF)	VELOCITY (FPS)	WETTED PERIMETER (FT)	TOP WIDTH (FT)	SPECIFIC ENERGY (FT)	SHEAR STR (LBS/SF)
1	2+40.14	0.0635	5:1	5:1	5.00	2.22	0.13	0.74	2.99	6.34	6.31	0.27	0.52
1	3+09.73	0.039	5:1	5:1	5.00	2.85	0.17	1.03	2.78	6.78	6.75	0.29	0.41
1	3+79.51 (N)	0.0225	5:1	5:1	5.00	3.50	0.23	1.41	2.48	7.34	7.30	0.33	0.32
1	3+79.51 (S)	0.0445	5:1	5:1	5.00	4.92	0.23	1.41	3.48	7.34	7.30	0.42	0.64
1	4+55.09	0.064	5:1	5:1	8.00	4.25	0.15	1.29	3.29	9.51	9.48	0.32	0.60
2	1+40.00	0.0225	5:1	5:1	5.00	7.09	0.34	2.29	3.10	8.48	8.41	0.49	0.48
2	3+00.00	0.0225	5:1	5:1	5.00	4.47	0.26	1.67	2.68	7.69	7.64	0.38	0.37
2	4+45.00	0.0435	5:1	5:1	5.00	1.59	0.12	0.68	2.35	6.23	6.21	0.21	0.33
3	1+30.00	0.0219	4:1	4:1	5.00	9.43	0.41	2.72	3.46	8.38	8.28	0.60	0.56
3	2+21.02	0.0219	4:1	4:1	5.00	8.24	0.38	2.48	3.32	8.14	8.04	0.55	0.52



MARK DANIEL MCGHEE, JR.
 PE - 200819568
REVISIONS
 01/07/2020 PER CITY COMMENTS
 03/25/2020 PER CITY COMMENTS
 01/12/2022 ASBUILTS

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LAMP RYNEARSON

SUMMIT VIEW FARMS 4TH PLAT
 LEE'S SUMMIT, MISSOURI

MASS GRADING, EROSION CONTROL,
 PAVING AND STORM SEWER PLANS
 SWALE PLAN/PROFILE

DESIGNER / DRAFTER
 MDM/AJM
 DATE
 11/20/2019
 PROJECT NUMBER
 0318050.02
 BOOK AND PAGE