METROPOLITAN COUNCIL

SOUTHWEST
Green Line LRT Extension

CIVIL CONSTRUCTION

VOLUME 9
URBAN DESIGN / LANDSCAPE

PLAN PACKAGE INDEX / DESCRIPTION	
CIVIL CONSTRUCTION	BID ALTERNATES
VOLUME 1 - EXISTING CONDITIONS & REMOVALS	VOLUME A - NOT USED
VOLUME 2A - CIVIL	VOLUME B - NOT USED
VOLUME 2B - CIVIL	VOLUME C - BID ALTERNATE 3 (LRCI 5) ▲
VOLUME 3A - TRACKWORK	VOLUME D - BID ALTERNATE 4 (LRCI 6) ▲
VOLUME 3B - TRACKWORK	VOLUME E - BID ALTERNATE 5 (LRCI 7) ▲
VOLUME 3C - TRACKWORK DETAILS	VOLUME F - BID ALTERNATE 6 (LRCI 8) ▲
VOLUME 4A - BRIDGES	VOLUME G - BID ALTERNATE 7 (LRCI 4) ▲
VOLUME 4B - BRIDGES	VOLUME H - BID ALTERNATE 8 (LRCI 10) ▲
VOLUME 4C - BRIDGES	VOLUME I - BID ALTERNATE 9 (LRCI 11) ▲
VOLUME 4D - BRIDGES	VOLUME J - BID ALTERNATE 10 (LRCI 12)
VOLUME 4E - BRIDGES	VOLUME K - BID ALTERNATE 11 (LRCI 13)
VOLUME 4F - BRIDGES	VOLUME L - BID ALTERNATE 12 (LRCI 14)
VOLUME 4G - BRIDGES	VOLUME M - BID ALTERNATE 13 (LRCI 26)
VOLUME 5 - TUNNELS	VOLUME N - BID ALTERNATE 14 (LRCI 27)
VOLUME 6 - RETAINING WALLS	VOLUME O - BID ALTERNATE 15 (LRCI 17)
VOLUME 7 - UTILITIES	VOLUME P - BID ALTERNATE 20 (LRCI 32)
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VOLUME 9 - URBAN DESIGN / LANDSCAPE	
VOLUME 10A - TRAFFIC	
VOLUME 10B - LIGHTING *	
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* TO BE SUBMITTED AT A LATER DATE
▲ SUBMITTED AT 75%, NOT INCLUDED IN 90%

THE PROPOSED SOUTHWEST LRT PROJECT IS NOT FINAL BUT IS STILL UNDER ENVIRONMENTAL REVIEW AND THE PROJECT IS SUBJECT TO CHANGE. THESE PLANS ARE NOT FINAL.

THE COUNCIL, THROUGH THE DEVELOPMENT OF THESE PLANS, DOES NOT INTEND THAT THEY WILL PREJUDICE OR COMPROMISE ANY STATE OR FEDERAL ENVIRONMENTAL REVIEW OR OTHER LEGAL REQUIREMENTS. THESE PLANS DO NOT LIMIT THE PROJECT DESIGN ALTERNATIVES OR MITIGATIVE MEASURES THAT THE COUNCIL MAY UNDERTAKE IF THE PROPOSED SWLRT PROJECT PROCEEDS TO CONSTRUCTION.

THE COUNCIL WILL NOT TAKE FINAL ACTION ON THIS MATTER UNLESS THE COUNCIL PROCEEDS WITH THE PROJECT AFTER THE FTA'S RECORD OF DECISION AND THE COUNCIL'S DETERMINATION OF ADEQUACY.

WARNING: THIS RECORD MAY CONTAIN SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15 AND 1520. NO PART OF THIS RECORD MAY BE DISCLOSED TO PERSONS WITHOUT A "NEED TO KNOW", AS DEFINED IN 49 CFR PARTS 15 AND 1520, EXCEPT WITH THE WRITTEN PERMISSION OF THE ADMINISTRATOR OF THE TRANSPORTATION SECURITY ADMINISTRATION OR THE SECRETARY OF TRANSPORTATION. UNAUTHORIZED RELEASE MAY RESULT IN CIVIL PENALTY OR OTHER ACTION. FOR U.S. GOVERNMENT AGENCIES, PUBLIC DISCLOSURE IS GOVERNED BY 5 U.S.C. 552 AND 49 CFR PARTS 15 AND 1520.

90% SUBMISSION
DATE : 01/22/16

AECOM

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
		VOLUME 9 - URBAN DESIGN / LANDSCAPE			
1	00-GEN-CVR-001	COVER SHEET			
2	00-GEN-IDX-001	VOLUME INDEX OF PLAN SHEETS SHEET 1			
3	00-GEN-IDX-002	VOLUME INDEX OF PLAN SHEETS SHEET 2			
4	W0-GEN-KEY-001	GENERAL KEY MAP SHEET 1			
5	E0-GEN-KEY-002	GENERAL KEY MAP SHEET 2			
6	00-GEN-NTS-001	GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS SHEET 1			
7	00-GEN-NTS-002	GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS SHEET 2			
8	W1-LAN-LAY-001	PLAN SHEET LAYOUT SHEET 1			
9	W2-LAN-LAY-001	PLAN SHEET LAYOUT SHEET 2			
10	W2-LAN-LAY-002	PLAN SHEET LAYOUT SHEET 3			
11	W3-LAN-LAY-001	PLAN SHEET LAYOUT SHEET 4			
12	W3-LAN-LAY-002	PLAN SHEET LAYOUT SHEET 5			
13	E1-LAN-COR-LAY-001	CORRIDOR PLAN SHEET LAYOUT SHEET 6			
14	E2-LAN-COR-LAY-001	CORRIDOR PLAN SHEET LAYOUT SHEET 7			
15	E2-LAN-COR-LAY-002	CORRIDOR PLAN SHEET LAYOUT SHEET 8			
16	E3-LAN-COR-LAY-001	CORRIDOR PLAN SHEET LAYOUT SHEET 9			
17	E4-LAN-COR-LAY-001	CORRIDOR PLAN SHEET LAYOUT SHEET 10			
18	E4-LAN-COR-LAY-002	CORRIDOR PLAN SHEET LAYOUT SHEET 11			
19	E4-LAN-COR-LAY-003	CORRIDOR PLAN SHEET LAYOUT SHEET 12			
20	E0-URD-LGD-001	URBAN DESIGN NOTES, ABBREVIATIONS & SYMBOLS			
21	E0-LAN-LGD-001	LANDSCAPE NOTES, ABBREVIATIONS & SYMBOLS			
		CORRIDOR PLANS			
22	W1-LAN-COR-PLN-001	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2077+80	2084+00	
23	W1-LAN-COR-PLN-002	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2084+00	2089+50	
24	W1-LAN-COR-PLN-003	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2089+50	2096+00	
25	W1-LAN-COR-PLN-004	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2096+00	2103+00	
26	W1-LAN-COR-PLN-005	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2103+00	2109+50	
27	W1-LAN-COR-PLN-006	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2109+50	2114+00	
28	W1-LAN-COR-PLN-007	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2114+00	2120+50	
29	W1-LAN-COR-PLN-008	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2120+50	2126+50	
30	W1-LAN-COR-PLN-009	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2126+50	2133+50	
31	W1-LAN-COR-PLN-010	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2133+50	2140+50	
32	W1-LAN-COR-PLN-011	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2140+50	2147+50	
33	W1-LAN-COR-PLN-012	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2147+50	2154+50	
34	W1-LAN-COR-PLN-013	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2154+50	2161+00	
35	W1-LAN-COR-PLN-014	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2161+00	2165+50	
36	W1-LAN-COR-PLN-015	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2165+50	2169+50	
37	W1-LAN-COR-PLN-016	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2169+50	2173+70	
38	W2-LAN-COR-PLN-001	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2206+00	2213+00	
39	W2-LAN-COR-PLN-002	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2213+00	2220+50	
40	W2-LAN-COR-PLN-003	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2220+50	2227+50	
41	W2-LAN-COR-PLN-004	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2227+50	2234+50	
42	W2-LAN-COR-PLN-005	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2234+50	2240+50	
43	W2-LAN-COR-PLN-006	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2240+50	2247+50	
44	W2-LAN-COR-PLN-007	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2247+50	2254+50	
45	W2-LAN-COR-PLN-008	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2254+50	2261+50	
46	W2-LAN-COR-PLN-009	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2261+50	2268+50	
47	W2-LAN-COR-PLN-010	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2268+50	2275+50	
48	W2-LAN-COR-PLN-011	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2275+50	2282+50	
49	W2-LAN-COR-PLN-012	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2282+50	2289+50	
50	W2-LAN-COR-PLN-013	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2289+50	2295+00	
51	W2-LAN-COR-PLN-014	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2295+00	2302+00	
52	W2-LAN-COR-PLN-015	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2302+00	2308+50	
53	W2-LAN-COR-PLN-016	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2308+50	2315+00	
54	W2-LAN-COR-PLN-017	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2315+00	2320+50	
55	W3-LAN-COR-PLN-001	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2335+00	2339+50	
56	W3-LAN-COR-PLN-002	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2339+50	2345+50	
57	W3-LAN-COR-PLN-003	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2345+50	2352+50	
58	W3-LAN-COR-PLN-004	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2352+50	2359+50	
59	W3-LAN-COR-PLN-005	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2359+50	2366+50	
60	W3-LAN-COR-PLN-006	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2366+50	2373+50	
61	W3-LAN-COR-PLN-007	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2373+50	2378+50	
62	W3-LAN-COR-PLN-008	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2378+50	2384+50	
63	W3-LAN-COR-PLN-009	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2384+50	2391+00	
64	W3-LAN-COR-PLN-010	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2391+00	2397+50	
65	W3-LAN-COR-PLN-011	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2397+50	2404+00	
66	W3-LAN-COR-PLN-012	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2404+00	2410+50	
67	W3-LAN-COR-PLN-013	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2410+50	2417+00	
68	W3-LAN-COR-PLN-014	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2417+50	2422+00	

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SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
69	W3-LAN-COR-PLN-015	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2422+00	2428+50	
70	W3-LAN-COR-PLN-016	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2428+50	2435+50	
71	W3-LAN-COR-PLN-017	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2435+50	2441+49	
72	E1-LAN-COR-PLN-001	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2496+00	2502+50	
73	E1-LAN-COR-PLN-002	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2502+50	2509+50	
74	E1-LAN-COR-PLN-003	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2509+50	2516+50	
75	E1-LAN-COR-PLN-004	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2716+50	2523+50	
76	E1-LAN-COR-PLN-005	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2523+50	2529+50	
77	E1-LAN-COR-PLN-006	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2529+50	2536+00	
78	E1-LAN-COR-PLN-007	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2536+00	2542+00	
79	E1-LAN-COR-PLN-008	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2542+00	2546+50	
80	E1-LAN-COR-PLN-009	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2546+50	2553+00	
81	E1-LAN-COR-PLN-010	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2553+00	2559+50	
82	E1-LAN-COR-PLN-011	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2559+50	2566+50	
83	E1-LAN-COR-PLN-012	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2566+50	2573+50	
84	E1-LAN-COR-PLN-013	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN PIERCE AVE N			
85	E1-LAN-COR-PLN-014	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2573+50	2580+50	
86	E1-LAN-COR-PLN-015	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2580+50	2587+50	
87	E1-LAN-COR-PLN-016	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2587+50	2596+50	
88	E2-LAN-COR-PLN-001	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2596+50	2602+00	
89	E2-LAN-COR-PLN-002	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2602+00	2609+00	
90	E2-LAN-COR-PLN-003	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2609+00	2616+00	
91	E2-LAN-COR-PLN-004	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2616+00	2623+00	
92	E2-LAN-COR-PLN-005	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2623+00	2630+00	
93	E2-LAN-COR-PLN-006	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2630+00	2637+00	
94	E2-LAN-COR-PLN-007	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2637+00	2644+00	
95	E2-LAN-COR-PLN-008	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2644+00	2649+50	
96	E2-LAN-COR-PLN-009	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	152+00	157+50	
97	E2-LAN-COR-PLN-010	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	157+50	160+84	
98	E2-LAN-COR-PLN-011	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2649+50	2655+00	
99	E2-LAN-COR-PLN-012	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2655+00	2660+50	
100	E2-LAN-COR-PLN-013	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2660+50	2666+00	
101	E2-LAN-COR-PLN-014	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2666+00	2673+00	
102	E2-LAN-COR-PLN-015	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN WOODDALE AVE S			
103	E2-LAN-COR-PLN-016	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2673+00	2680+00	
104	E2-LAN-COR-PLN-017	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2680+00	2687+00	
105	E2-LAN-COR-PLN-018	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2687+00	2694+00	
106	E2-LAN-COR-PLN-019	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2694+00	2699+00	
107	E2-LAN-COR-PLN-020	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2699+00	2704+00	
108	E2-LAN-COR-PLN-021	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2704+00	2710+00	
109	E2-LAN-COR-PLN-022	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2710+00	2717+00	
110	E2-LAN-COR-PLN-023	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2717+00	2724+00	
111	E2-LAN-COR-PLN-024	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN BELTLINE PARK AND RIDE			
112	E2-LAN-COR-PLN-025	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN SERVICE ROAD			
113	E2-LAN-COR-PLN-026	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2724+00	2731+00	
114	E2-LAN-COR-PLN-027	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2731+00	2747+00	
115	E3-LAN-COR-PLN-001	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2747+00	2751+50	
116	E3-LAN-COR-PLN-002	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2751+00	2758+00	
117	E3-LAN-COR-PLN-003	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2758+00	2765+00	
118	E3-LAN-COR-PLN-004	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2765+00	2771+00	
119	E3-LAN-COR-PLN-005	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2771+00	2778+00	
120	E3-LAN-COR-PLN-006	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2778+00	2785+00	
121	E3-LAN-COR-PLN-007	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2785+00	2791+50	
122	E3-LAN-COR-PLN-008	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2791+00	2798+00	
123	E3-LAN-COR-PLN-009	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2798+00	2805+00	
124	E3-LAN-COR-PLN-010	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2805+00	2812+00	
125	E3-LAN-COR-PLN-011	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2812+00	2819+00	
126	E3-LAN-COR-PLN-012	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2819+00	2826+00	
127	E3-LAN-COR-PLN-013	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2826+00	2833+00	
128	E3-LAN-COR-PLN-014	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2833+00	2842+00	
129	E4-LAN-COR-PLN-001	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2842+00	2848+00	
130	E4-LAN-COR-PLN-002	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2848+00	2854+00	
131	E4-LAN-COR-PLN-003	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2854+00	2860+00	
132	E4-LAN-COR-PLN-004	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2860+00	2865+00	
133	E4-LAN-COR-PLN-005	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2865+00	2871+50	
134	E4-LAN-COR-PLN-006	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2871+50	2879+00	
135	E4-LAN-COR-PLN-007	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2879+00	2886+50	
136	E4-LAN-COR-PLN-008	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2886+50	2891+50	
137	E4-LAN-COR-PLN-009	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2891+50	2897+00	

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SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
138	E4-LAN-COR-PLN-010	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2897+00	2904+00	
139	E4-LAN-COR-PLN-011	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2904+00	2911+00	
140	E4-LAN-COR-PLN-012	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2911+00	2916+00	
141	E4-LAN-COR-PLN-013	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2916+00	2925+00	
142	E4-LAN-COR-PLN-014	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2925+00	2932+00	
143	E4-LAN-COR-PLN-015	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2932+00	2937+00	
144	E4-LAN-COR-PLN-016	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2937+00	2943+50	
145	E4-LAN-COR-PLN-017	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2943+50	2950+00	
146	E4-LAN-COR-PLN-018	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2950+00	2955+50	
147	E4-LAN-COR-PLN-019	URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN	2955+50	2962+50	
		OFF-SITE ROADWAY PLANS			
148	W1-LAN-RWY-001	URBAN DESIGN AND LANDSCAPE TECHNOLOGY DR	435+00	442+50	
149	W1-LAN-RWY-002	URBAN DESIGN AND LANDSCAPE TECHNOLOGY DR	442+50	451+50	
150	W1-LAN-RWY-003	URBAN DESIGN AND LANDSCAPE TH 212 EB ON RAMP	22+00	24+25	
151	W1-LAN-RWY-004	URBAN DESIGN AND LANDSCAPE PRAIRIE CENTER DR	440+00	432+00	
152	W1-LAN-RWY-005	URBAN DESIGN AND LANDSCAPE TECHNOLOGY DR	500+00	506+00	
153	W1-LAN-RWY-006	URBAN DESIGN AND LANDSCAPE EDEN RD	30+00	36+00	
154	W1-LAN-RWY-007	URBAN DESIGN AND LANDSCAPE GLEN LN	40+00	43+50	
155	W1-LAN-RWY-008	URBAN DESIGN AND LANDSCAPE CSAH 61 (FLYING CLOUD DR)	500+50	505+50	
156	W1-LAN-RWY-009	URBAN DESIGN AND LANDSCAPE TECHNOLOGY DR	119+00	123+00	
157	W1-LAN-RWY-010	URBAN DESIGN AND LANDSCAPE TECHNOLOGY DR	123+00	131+36	
158	W1-LAN-RWY-011	URBAN DESIGN AND LANDSCAPE 494 OFF RAMP	6+50	0+00	
159	W2-LAN-RWY-001	URBAN DESIGN AND LANDSCAPE SHEET 74			
160	W2-LAN-RWY-002	URBAN DESIGN AND LANDSCAPE SHADY OAK RD	800+00	807+00	
161	W2-LAN-RWY-003	URBAN DESIGN AND LANDSCAPE 70TH ST W	300+00	307+80	
162	W2-LAN-RWY-004	URBAN DESIGN AND LANDSCAPE SHEET 77			
163	W2-LAN-RWY-005	URBAN DESIGN AND LANDSCAPE W 62ND ST	127+02	126+00	
164	W2-LAN-RWY-006	URBAN DESIGN AND LANDSCAPE RED CIRCLE DR TO YELLOW CIR DR	200+00	203+50	
165	W2-LAN-RWY-007	URBAN DESIGN AND LANDSCAPE RED CIRCLE DR TO YELLOW CIR DR	233+00	225+50	
166	W2-LAN-RWY-008	URBAN DESIGN AND LANDSCAPE BREN RD E	1018+00	1021+71	
167	W3-LAN-RWY-001	URBAN DESIGN AND LANDSCAPE BREN RD E	996+00	1001+00	
168	W3-LAN-RWY-002	URBAN DESIGN AND LANDSCAPE BREN RD W	46+87	51+50	
169	W3-LAN-RWY-003	URBAN DESIGN AND LANDSCAPE GREEN CIR DR	100+00	103+85	
170	W3-LAN-RWY-004	URBAN DESIGN AND LANDSCAPE FELTL RD	20+00	26+00	
171	W3-LAN-RWY-005	URBAN DESIGN AND LANDSCAPE 5TH ST S	4+00	5+50	
172	W3-LAN-RWY-006	URBAN DESIGN AND LANDSCAPE 17TH AVE S	8+25	13+25	
173	W3-LAN-RWY-007	URBAN DESIGN AND LANDSCAPE EXCELSIOR BLVD	300+00	305+75	
174	W3-LAN-RWY-008	URBAN DESIGN AND LANDSCAPE EXCELSIOR BLVD	305+75	310+45	
175	E3-LAN-RWY-001	URBAN DESIGN AND LANDSCAPE CHOWEN AVE S AND W 31ST ST	4+50	16+00	
176	E3-LAN-RWY-002	URBAN DESIGN AND LANDSCAPE ABBOTT AVE S	16+00	21+46	
177	E3-LAN-RWY-003	URBAN DESIGN AND LANDSCAPE W 32ND ST	32+00	37+26	
178	E3-LAN-RWY-004	URBAN DESIGN AND LANDSCAPE CSAH 3 (EXCELSIOR BLVD)	21+00	34+00	
179	E3-LAN-RWY-005	URBAN DESIGN AND LANDSCAPE CSAH 25 (W LAKE ST)	0+00	13+00	
180	E3-LAN-RWY-006	URBAN DESIGN AND LANDSCAPE CSAH 25 (W LAKE ST)	13+00	16+00	
181	E4-LAN-RWY-001	URBAN DESIGN AND LANDSCAPE S WAYZATA BLVD	1+00	8+00	
182	E4-LAN-RWY-002	URBAN DESIGN AND LANDSCAPE S WAYZATA BLVD AND PENN AVE S	8+00	15+50	
183	E4-LAN-RWY-003	URBAN DESIGN AND LANDSCAPE CSAH 2 (PENN AVE S)	15+50	31+50	
184	E4-LAN-RWY-004	URBAN DESIGN AND LANDSCAPE DUNWOODY BLVD	10+00	20+61	
185	E4-LAN-RWY-005	URBAN DESIGN AND LANDSCAPE FREMONT AVE N	726+00	735+67	
186	E4-LAN-RWY-006	URBAN DESIGN AND LANDSCAPE CSAH 40 (GLENWOOD AVE)	4+00	11+50	
187	E4-LAN-RWY-007	URBAN DESIGN AND LANDSCAPE HOLDEN ST AND BORDER AVE	53+00	67+00	
188	E4-LAN-RWY-008	URBAN DESIGN AND LANDSCAPE BORDER AVE AND ROYALSTON AVE N	67+00	75+00	
189	E4-LAN-RWY-009	URBAN DESIGN AND LANDSCAPE 5TH AVE N	0+00	4+41	
190	E4-LAN-RWY-010	URBAN DESIGN AND LANDSCAPE LUCE LINE TRAIL BRIDGE			
		URBAN DESIGN STATION PLANS			
191	W1-URD-PLN-001	SOUTHWEST STATION URBAN DESIGN PLAN 1			
192	W1-URD-PLN-002	SOUTHWEST STATION URBAN DESIGN PLAN 2			
193	W2-URD-PLN-001	GOLDEN TRIANGLE STATION URBAN DESIGN PLAN 1			
194	W2-URD-PLN-002	GOLDEN TRIANGLE STATION URBAN DESIGN PLAN 2			
195	W2-URD-PLN-003	GOLDEN TRIANGLE STATION URBAN DESIGN PLAN 3			
196	W2-URD-PLN-004	CITY WEST STATION URBAN DESIGN PLAN 1			

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GENERAL
VOLUME INDEX OF PLAN SHEETS
SHEET 1

DISCIPLINE: GENERAL

SHEET NAME: 00-GEN-IDX-001

SHEET 2 OF 316

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CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
		VOLUME 9 - URBAN DESIGN / LANDSCAPE (cont'd)			
197	W2-URD-PLN-005	CITY WEST STATION URBAN DESIGN PLAN 2			
198	W3-URD-PLN-001	OPUS STATION URBAN DESIGN PLAN 1			
199	W3-URD-PLN-002	OPUS STATION URBAN DESIGN PLAN 2			
200	W3-URD-PLN-003	SHADY OAK STATION URBAN DESIGN PLAN 1			
201	W3-URD-PLN-004	SHADY OAK STATION URBAN DESIGN PLAN 2			
202	W3-URD-PLN-005	SHADY OAK STATION URBAN DESIGN PLAN 3			
203	W3-URD-PLN-006	SHADY OAK STATION URBAN DESIGN PLAN 4			
204	W3-URD-PLN-007	SHADY OAK STATION URBAN DESIGN PLAN 5			
205	W3-URD-PLN-008	SHADY OAK STATION URBAN DESIGN PLAN 6			
206	W3-URD-PLN-009	SHADY OAK STATION URBAN DESIGN PLAN 7			
207	E1-URD-PLN-001	DOWNTOWN HOPKINS STATION URBAN DESIGN PLAN 1	2509+50	2514+75	
208	E1-URD-PLN-002	DOWNTOWN HOPKINS STATION URBAN DESIGN PLAN 2	2514+75	2520+00	
209	E1-URD-PLN-003	BLAKE STATION URBAN DESIGN PLAN 1	2573+60	2579+10	
210	E1-URD-PLN-004	BLAKE STATION URBAN DESIGN PLAN 2	2579+10	2584+50	
211	E1-URD-PLN-005	BLAKE STATION URBAN DESIGN PLAN 3	11+00	14+25	
212	E2-URD-PLN-001	LOUISIANA STATION URBAN DESIGN PLAN 1	2632+00	2637+60	
213	E2-URD-PLN-002	LOUISIANA STATION URBAN DESIGN PLAN 2	2637+60	2642+50	
214	E2-URD-PLN-003	LOUISIANA STATION URBAN DESIGN PLAN 3	2642+50	2647+97	
215	E2-URD-PLN-004	WOODDALE STATION URBAN DESIGN PLAN 1	2666+60	2672+00	
216	E2-URD-PLN-005	WOODDALE STATION URBAN DESIGN PLAN 2	2672+00	2677+55	
217	E2-URD-PLN-004	BELTLINE STATION URBAN DESIGN PLAN 1	2666+60	2672+00	
218	E3-URD-PLN-001	WEST LAKE STATION URBAN DESIGN PLAN 1	2764+21	2769+89	
219	E3-URD-PLN-002	21ST STREET STATION URBAN DESIGN PLAN 1	2819+75	2825+40	
220	E4-URD-PLN-001	PENN STATION URBAN DESIGN PLAN 1	2849+10	2854+70	
221	E4-URD-PLN-002	PENN STATION URBAN DESIGN PLAN 2	2854+70	2860+20	
222	E4-URD-PLN-003	PENN STATION URBAN DESIGN PLAN 3	0+00	3+55	
223	E4-URD-PLN-004	VAN WHITE STATION URBAN DESIGN PLAN 1	2894+50	2900+00	
224	E4-URD-PLN-005	VAN WHITE STATION URBAN DESIGN PLAN 2	2900+00	2905+45	
225	E4-URD-PLN-006	VAN WHITE STATION URBAN DESIGN PLAN 3	10+35	15+00	
226	E4-URD-PLN-007	VAN WHITE STATION URBAN DESIGN PLAN 4	15+00	20+50	
227	E4-URD-PLN-008	ROYALSTON STATION URBAN DESIGN PLAN 1	2938+15	2943+80	
228	E4-URD-PLN-009	ROYALSTON STATION URBAN DESIGN PLAN 2	2943+80	2948+75	
229	E4-URD-PLN-010	ROYALSTON STATION URBAN DESIGN PLAN 3	2948+75	2954+40	
		URBAN DESIGN DETAILS			
230	E1-URD-ENLRG-PLN-001	DOWNTOWN HOPKINS STATION URBAN DESIGN ENLARGEMENT PLAN 1			
231	E1-URD-ENLRG-PLN-002	DOWNTOWN HOPKINS STATION URBAN DESIGN ENLARGEMENT PLAN 2			
232	E2-URD-ENLRG-PLN-001	LOUISIANA STATION URBAN DESIGN ENLARGEMENT PLAN 1			
233	E2-URD-ENLRG-PLN-002	LOUISIANA STATION URBAN DESIGN ENLARGEMENT PLAN 2			
234	E4-URD-ENLRG-PLN-001	VAN WHITE STATION URBAN DESIGN ENLARGEMENT PLAN 1			
235	E4-URD-ENLRG-PLN-002	VAN WHITE STATION URBAN DESIGN ENLARGEMENT PLAN 2			
236	E0-URD-DTLA-001	FENCE DETAILS 1			
237	E0-URD-DTLA-002	FENCE DETAILS 2			
238	E0-URD-DTLA-003	FENCE DETAILS 3			
239	E0-URD-DTLA-004	FENCE DETAILS 4			
240	E0-URD-DTLA-005	FENCE DETAILS 5			
241	E0-URD-DTLA-006	FENCE DETAILS 6			
242	E0-URD-DTLA-007	HAND RAIL DETAILS			
243	W0-URD-DTLC-001	SITE FURNITURE DETAILS 1			
244	W0-URD-DTLC-002	SITE FURNITURE DETAILS 2			
245	E0-URD-DTLD-001	WAYFINDING DETAILS 1			
246	E0-URD-DTLD-002	WAYFINDING DETAILS 2			
247	E0-URD-DTLD-003	WAYFINDING DETAILS 3			
248	E0-URD-DTLD-004	WAYFINDING DETAILS 4			
249	E0-URD-DTLD-005	WAYFINDING DETAILS 5			
250	E0-URD-DTLD-006	WAYFINDING DETAILS 6			
251	E0-URD-DTLD-007	WAYFINDING DETAILS 7			
252	E0-URD-DTLD-008	WAYFINDING DETAILS 8			
253	E0-URD-DTLE-001	TRAIL SIGNAGE DETAILS 1			
254	E0-URD-DTLE-002	TRAIL SIGNAGE DETAILS 2			
255	E0-URD-DTLE-003	TRAIL SIGNAGE DETAILS 3			
256	E0-URD-DTLE-004	TRAIL SIGNAGE DETAILS 4			
257	E0-URD-DTLE-005	TRAIL SIGNAGE DETAILS 5			

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
		LANDSCAPE STATION PLANS			
258	W1-LAN-PLN-001	SOUTHWEST STATION LANDSCAPE PLAN 1			
259	W1-LAN-PLN-002	SOUTHWEST STATION LANDSCAPE PLAN 2			
260	W2-LAN-PLN-001	GOLDEN TRIANGLE STATION LANDSCAPE PLAN 1			
261	W2-LAN-PLN-002	GOLDEN TRIANGLE STATION LANDSCAPE PLAN 2			
262	W2-LAN-PLN-003	GOLDEN TRIANGLE STATION LANDSCAPE PLAN 3			
263	W2-LAN-PLN-004	CITY WEST STATION LANDSCAPE PLAN 1			
264	W2-LAN-PLN-005	CITY WEST STATION LANDSCAPE PLAN 2			
265	W3-LAN-PLN-001	OPUS STATION LANDSCAPE PLAN 1			
266	W3-LAN-PLN-002	OPUS STATION LANDSCAPE PLAN 2			
267	W3-LAN-PLN-003	SHADY OAK STATION LANDSCAPE PLAN 1			
268	W3-LAN-PLN-004	SHADY OAK STATION LANDSCAPE PLAN 2			
269	W3-LAN-PLN-005	SHADY OAK STATION LANDSCAPE PLAN 3			
270	W3-LAN-PLN-006	SHADY OAK STATION LANDSCAPE PLAN 4			
271	W3-LAN-PLN-007	SHADY OAK STATION LANDSCAPE PLAN 5			
272	W3-LAN-PLN-008	SHADY OAK STATION LANDSCAPE PLAN 6			
273	W3-LAN-PLN-009	SHADY OAK STATION LANDSCAPE PLAN 7			
274	E1-LAN-PLN-001	DOWNTOWN HOPKINS STATION LANDSCAPE PLAN 1	2509+50	2514+75	
275	E1-LAN-PLN-002	DOWNTOWN HOPKINS STATION LANDSCAPE PLAN 2	2514 +75	2520+00	
276	E1-LAN-PLN-003	BLAKE STATION LANDSCAPE PLAN 1	2573+60	2579+10	
277	E1-LAN-PLN-004	BLAKE STATION LANDSCAPE PLAN 2	11+00	14+25	
278	E2-LAN-PLN-001	LOUISIANA STATION LANDSCAPE PLAN 1	2632+00	2637+60	
279	E2-LAN-PLN-002	LOUISIANA STATION LANDSCAPE PLAN 2	2637+60	2642+50	
280	E2-LAN-PLN-003	LOUISIANA STATION LANDSCAPE PLAN 3	2642+50	2647+97	
281	E2-LAN-PLN-004	WOODDALE STATION LANDSCAPE PLAN 1	2666+60	2672+00	
282	E2-LAN-PLN-005	WOODDALE STATION LANDSCAPE PLAN 2	2672+00	2677+55	
283	E2-LAN-PLN-006	BELTLINE STATION LANDSCAPE PLAN	2711+10	2716+40	
284	E3-LAN-PLN-001	WEST LAKE STATION LANDSCAPE PLAN	2764+21	2769+89	
285	E3-LAN-PLN-002	21ST STREET STATION LANDSCAPE PLAN	2819+75	2825+40	
286	E4-LAN-PLN-001	PENN STATION LANDSCAPE PLAN 1	2849+10	2854+70	
287	E4-LAN-PLN-002	PENN STATION LANDSCAPE PLAN 2	2854+70	2860+20	
288	E4-LAN-PLN-003	PENN STATION LANDSCAPE PLAN 3	0+00	3+55	
289	E4-LAN-PLN-004	VAN WHITE STATION LANDSCAPE PLAN 1	2894+50	2900+00	
290	E4-LAN-PLN-005	VAN WHITE STATION LANDSCAPE PLAN 2	2900+00	2905+45	
291	E4-LAN-PLN-006	VAN WHITE STATION LANDSCAPE PLAN 3	10+35	15+00	
292	E4-LAN-PLN-007	VAN WHITE STATION LANDSCAPE PLAN 4	15+00	20+50	
293	E4-LAN-PLN-008	ROYALSTON STATION LANDSCAPE PLAN 1	2938+15	2943+80	
294	E4-LAN-PLN-009	ROYALSTON STATION LANDSCAPE PLAN 2	2943+80	2948+75	
295	E4-LAN-PLN-010	ROYALSTON STATION LANDSCAPE PLAN 3	2948+75	2954+40	
		LANDSCAPE DETAILS			
296	W1-LAN-PLN-ENLRG-001	SOUTHWEST STATION LANDSCAPE ENLARGEMENT PLAN			
297	W2-LAN-PLN-ENLRG-001	GOLDEN TRIANGLE STATION LANDSCAPE ENLARGEMENT PLAN			
298	W2-LAN-PLN-ENLRG-001	CITY WEST STATION LANDSCAPE ENLARGEMENT PLAN			
299	W2-LAN-PLN-ENLRG-002	CITY WEST STATION LANDSCAPE ENLARGEMENT PLAN 2			
300	W3-LAN-PLN-ENLRG-001	OPUS STATION LANDSCAPE ENLARGEMENT PLAN 1			
301	W3-LAN-PLN-ENLRG-002	OPUS STATION LANDSCAPE ENLARGEMENT PLAN 2			
302	W3-LAN-PLN-ENLRG-001	SHADY OAK STATION LANDSCAPE ENLARGEMENT PLAN			
303	E1-LAN-ENLRG-PLN-001	DOWNTOWN HOPKINS STATION LANDSCAPE ENLARGEMENT PLAN			
304	E2-LAN-ENLRG-PLN-001	LOUISIANA STATION LANDSCAPE ENLARGEMENT PLAN 1			
305	E2-LAN-ENLRG-PLN-002	LOUISIANA STATION LANDSCAPE ENLARGEMENT PLAN 2			
306	E2-LAN-ENLRG-PLN-003	WOODDALE STATION LANDSCAPE ENLARGEMENT PLAN			
307	E2-LAN-ENLRG-PLN-004	BELTLINE STATION LANDSCAPE ENLARGEMENT PLAN			
308	E4-LAN-ENLRG-PLN-001	LANDSCAPE ENLARGEMENT PLAN 1			
309	E4-LAN-ENLRG-PLN-002	LANDSCAPE ENLARGEMENT PLAN 2			
310	W0-LAN-DTLA-001	LANDSCAPE DETAILS SHEET 1			
311	W0-LAN-DTLA-002	LANDSCAPE DETAILS SHEET 2			
312	W0-LAN-DTLA-003	LANDSCAPE DETAILS SHEET 3			
313	W0-LAN-DTLA-004	LANDSCAPE DETAILS SHEET 4			
314	W0-LAN-DTLA-005	LANDSCAPE DETAILS SHEET 5			
315	E0-LAN-DTL-A-001	KENILWORTH LANDSCAPE PLANTER			
316	W0-LAN-DTLA-006	PLANT SCHEDULE			

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GENERAL
VOLUME INDEX OF PLAN SHEETS
SHEET 2

SHEET 3 OF 316

DISCIPLINE: GENERAL

SHEET NAME: 00-GEN-IDX-002

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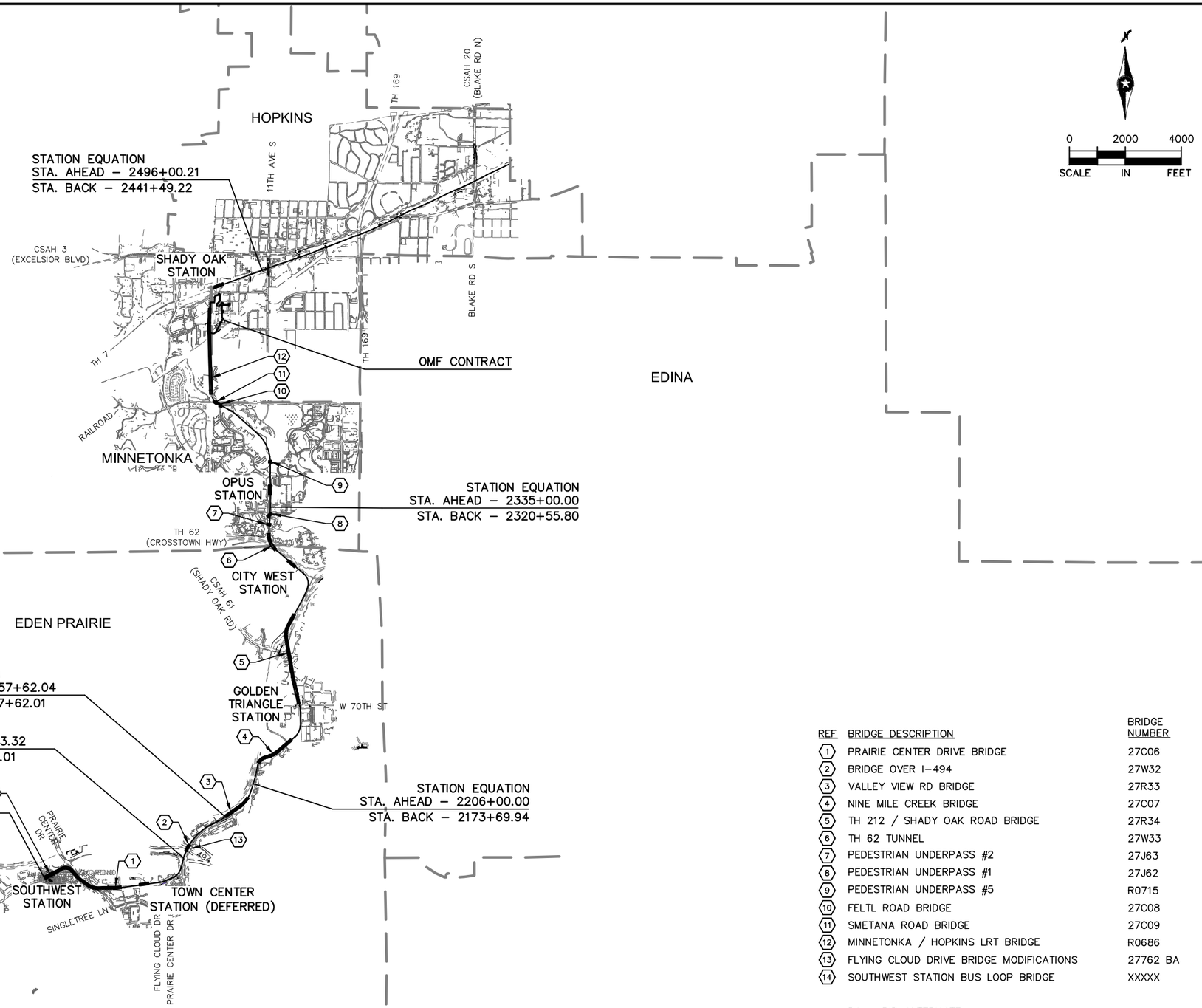

REF	BRIDGE DESCRIPTION	BRIDGE NUMBER
1	PRAIRIE CENTER DRIVE BRIDGE	27C06
2	BRIDGE OVER I–494	27W32
3	VALLEY VIEW RD BRIDGE	27R33
4	NINE MILE CREEK BRIDGE	27C07
5	TH 212 / SHADY OAK ROAD BRIDGE	27R34
6	TH 62 TUNNEL	27W33
7	PEDESTRIAN UNDERPASS #2	27J63
8	PEDESTRIAN UNDERPASS #1	27J62
9	PEDESTRIAN UNDERPASS #5	R0715
10	FELTL ROAD BRIDGE	27C08
11	SMETANA ROAD BRIDGE	27C09
12	MINNETONKA / HOPKINS LRT BRIDGE	R0686
13	FLYING CLOUD DRIVE BRIDGE MODIFICATIONS	27762 BA
14	SOUTHWEST STATION BUS LOOP BRIDGE	XXXXX

BA – BID ALTERNATE

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GENERAL
KEY MAP
SHEET 1

DISCIPLINE: GENERAL

SHEET NAME: W0-GEN-KEY-001

SHEET 4 OF 316

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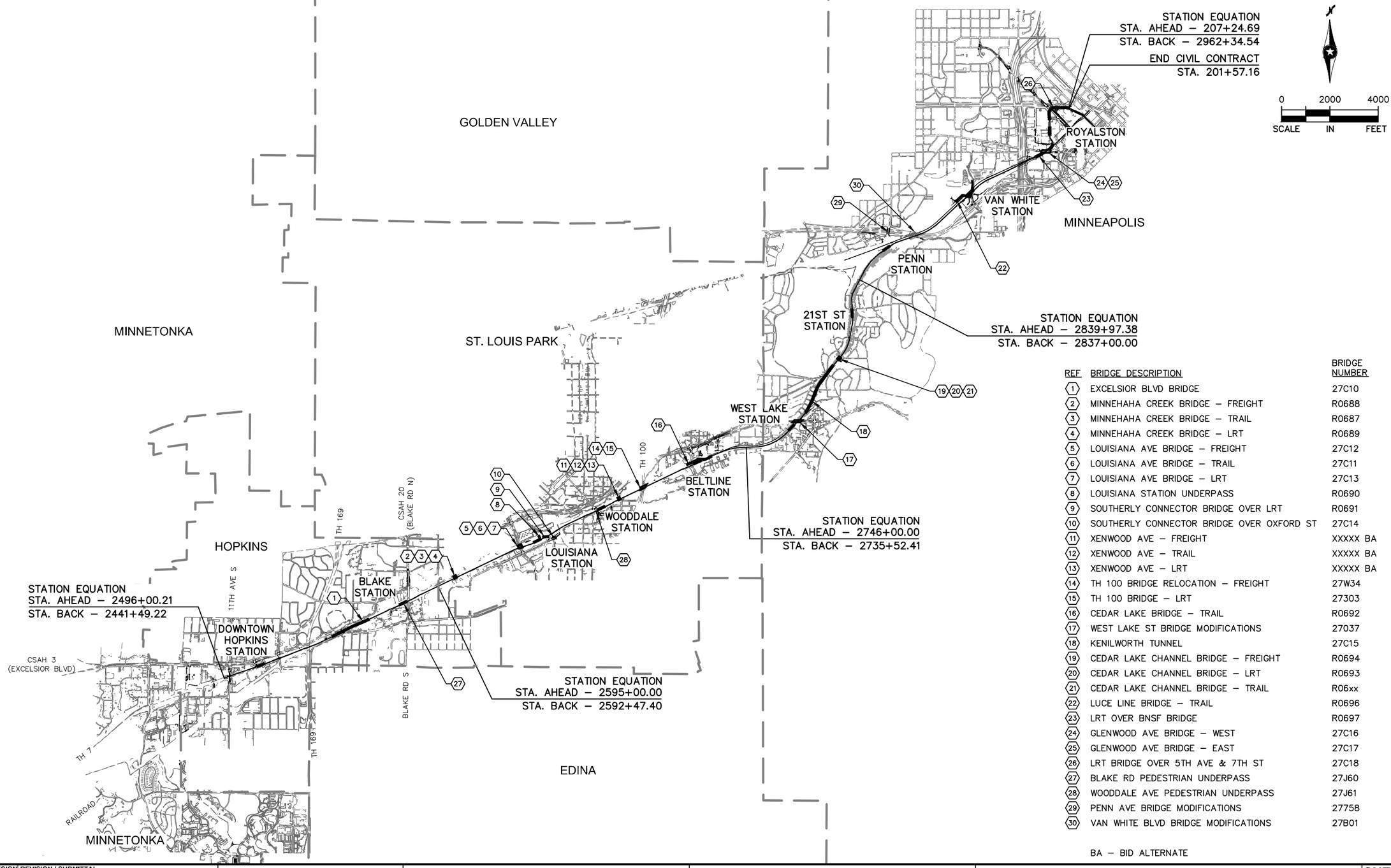

REF	BRIDGE DESCRIPTION	BRIDGE NUMBER
1	EXCELSIOR BLVD BRIDGE	27C10
2	MINNEHAHA CREEK BRIDGE – FREIGHT	R0688
3	MINNEHAHA CREEK BRIDGE – TRAIL	R0687
4	MINNEHAHA CREEK BRIDGE – LRT	R0689
5	LOUISIANA AVE BRIDGE – FREIGHT	27C12
6	LOUISIANA AVE BRIDGE – TRAIL	27C11
7	LOUISIANA AVE BRIDGE – LRT	27C13
8	LOUISIANA STATION UNDERPASS	R0690
9	SOUTHERLY CONNECTOR BRIDGE OVER LRT	R0691
10	SOUTHERLY CONNECTOR BRIDGE OVER OXFORD ST	27C14
11	XENWOOD AVE – FREIGHT	XXXXX BA
12	XENWOOD AVE – TRAIL	XXXXX BA
13	XENWOOD AVE – LRT	XXXXX BA
14	TH 100 BRIDGE RELOCATION – FREIGHT	27W34
15	TH 100 BRIDGE – LRT	27303
16	CEDAR LAKE BRIDGE – TRAIL	R0692
17	WEST LAKE ST BRIDGE MODIFICATIONS	27037
18	KENILWORTH TUNNEL	27C15
19	CEDAR LAKE CHANNEL BRIDGE – FREIGHT	R0694
20	CEDAR LAKE CHANNEL BRIDGE – LRT	R0693
21	CEDAR LAKE CHANNEL BRIDGE – TRAIL	R06xx
22	LUCE LINE BRIDGE – TRAIL	R0696
23	LRT OVER BNSF BRIDGE	R0697
24	GLENWOOD AVE BRIDGE – WEST	27C16
25	GLENWOOD AVE BRIDGE – EAST	27C17
26	LRT BRIDGE OVER 5TH AVE & 7TH ST	27C18
27	BLAKE RD PEDESTRIAN UNDERPASS	27J60
28	WOODDALE AVE PEDESTRIAN UNDERPASS	27J61
29	PENN AVE BRIDGE MODIFICATIONS	27758
30	VAN WHITE BLVD BRIDGE MODIFICATIONS	27B01

BA – BID ALTERNATE

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GENERAL
KEY MAP
SHEET 2

DISCIPLINE: GENERAL

SHEET NAME: E0-GEN-KEY-002

SHEET 5 OF 316

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SYMBOLS

- PROPOSED DIRECTIONAL LANE USE
- EXISTING DIRECTIONAL LANE USE
- FLASHER (FREIGHT & PEDESTRIAN)
- CROSSING GATE (FREIGHT & LRT)
- CANTILEVER SIGNAL
- RAIL TURNOUT
- RAIL CROSSOVER (DOUBLE)
- RAIL CROSSOVER (SINGLE)
- POINT OF SWITCH (PS)
- OCS POLE FOUNDATION
- RAIL LUBRICATOR
- POINT OF INTERSECTION (PI)
- W2–200 — RAILROAD CURVE NUMBER
- ACCESSIBLE PEDESTRIAN CURB RAMP (DESIGN VARIES)
- HANDICAP PARKING STALL
- TACTILE WARNING STRIP
- TPSS BUILDING (TPSS–SW###) – NIC
  TUNNEL SYSTEMS HOUSE (TSY–SW###) – NIC
- SIGNAL / COMMUNICATION HOUSE – NIC
- STORM SEWER MANHOLE
- STORM SEWER CATCH BASIN
- STORM SEWER FLARED END SECTION
- STORM SEWER CLEAN–OUT
- STORM SEWER PUMP STATION
- DTXX
  INV XXX.XX — DRAINTILE ID
- XXXX – ST — STORM SEWER STRUCTURE ID
- C / E — BUS SHELTER
- ROADWAY / PEDESTRIAN LIGHT

LINETYPES

- ROADWAY ℄
- TRACK ℄ (LRT)
- TRACK ℄ (FRT)
- RETAINING WALL
- BALLAST CURB
- TUNNEL WALL
- FENCE
- EX ROW
- PROP ROW
- PROP TCE
- PROP PE
- FENCE / RAILING
- ID – ID — FREIGHT INTRUSION DETECTION
- CONCRETE CURB AND GUTTER
- TRAIL (WIDTH VARIES)
- SIDEWALK
- DRIVEWAY
- BRIDGE
- SAWCUT
- DELINEATED WETLAND
- BMP (NWL) WATER EDGE
- PROPOSED FLOODPLAIN MITIGATION AREA
- SILT FENCE
- BALE BARRIER
- STORM SEWER
- CASING PIPE
- PIPE REMOVAL
- STRUCTURE REMOVAL
- FLOATING SILT FENCE
- SUPER DUTY SILT FENCE
- CONSTRUCTION LIMITS
- ROCK WEEPER
- DIVERSION DITCH
- OVERLAND FLOW
- CROSSWALK
- STOP BAR
- MEDIAN NOSE
- EP-EP-18 — WETLAND ID

CONSTRUCTION PACKAGE NOTE

NOTE: THE SWLRT CONSTRUCTION IS BEING IMPLEMENTED THROUGH THREE MAIN CONSTRUCTION PACKAGES; CIVIL, SYSTEMS & TUNNEL FACILITIES (SYS), AND OPERATIONS & MAINTENANCE FACILITY (OMF). CERTAIN SYS AND OMF SYMBOLS ARE SHOWN ON THE CIVIL CONTRACT PLANS FOR INFORMATION ONLY AND CERTAIN FACILITIES ARE NOT PART OF THE CIVIL CONTRACT.

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GENERAL
NOTES, ABBREVIATIONS, AND SYMBOLS
SHEET 1

DISCIPLINE: GENERAL

SHEET NAME: 00-GEN-NTS-001

SHEET 6 OF 316

ABBREVIATIONS

3-2 (EG)	SIGNAL HEAD NUMBER (PHASE 3, NO. 2)
AD	ALGEBRAIC DIFFERENCE
AVE	AVENUE
AWF	ADVANCE WARNING FLASHER
BA	BID ALTERNATE
BGN	BEGIN
BP	BEGINNING POINT
BVCE	BEGINNING VERTICAL CURVE ELEVATION
BVCS	BEGINNING VERTICAL CURVE STATION
BLVD	BOULEVARD
BMP	BEST MANAGEMENT PRACTICE
BNSF	BURLINGTON NORTHERN SANTA FE RAILWAY
C&G	CURB AND GUTTER
℄	CENTERLINE
CB	CATCH BASIN
CE	CLEARANCE ENVELOPE
CIR	CIRCLE
CO	DRAINTILE CLEANOUT STRUCTURE
CP	CANADIAN PACIFIC
CPRAIL	CANADIAN PACIFIC RAILWAY
CS	CURVE TO SPIRAL
CSAH	COUNTY STATE AID HIGHWAY
D&U	DRAINAGE AND UTILITY
DF	DIRECT FIXATION
DR	DRIVE
DT	DRAINTILE
DTL	DETAIL
DWY	DRIVEWAY
E	EAST
Ea	ACTUAL SUPERELEVATION (INCHES)
EB	EAST BOUND
EL or ELEV	ELEVATION
EP	ENDING POINT
ESMT	EASEMENT
Eu	UNBALANCED SUPERELEVATION (INCHES)
EVCE	ENDING VERTICAL CURVE ELEVATION
EVCS	ENDING VERTICAL CURVE STATION
EVP	EMERGENCY VEHICLE PRE-EMPTION
EX	EXISTING
FES	FLARED END SECTION
FYA	FLASHING YELLOW ARROW
GR RD	GROUND ROD
GRN	GREEN INDICATION
HCRRA	HENNEPIN COUNTY REGIONAL RAILROAD AUTHORITY
INL	BRIDGE DRAIN INLET
INS GR	INSULATED GROUND
IP	INPLACE
LED	LIGHT EMITTING DIODE
LH	LEFT HAND
LN	LANE
LRCI	LOCALLY REQUESTED CAPITAL INVESTMENT
LRT	LIGHT RAIL TRANSIT
LRV	LIGHT RAIL VEHICLE
LT	LEFT
LUM	LUMINAIRE
L_c	CURVE LENGTH (FEET)
L_s	SPIRAL LENGTH (FEET)
MIN	MINIMUM
MPH	MILES PER HOUR
MPLS	CITY OF MINNEAPOLIS
MPRB	MINNEAPOLIS PARK AND RECREATION BOARD
N	NORTH
NB	NORTH BOUND
NIC	NOT IN CONTRACT
NO	NUMBER
NWL	NORMAL WATER LINE
OCS	OUTLET CONTROL SYSTEM
OCS	OVERHEAD CONTACT SYSTEM
OMF	OPERATIONS AND MAINTENANCE FACILITY
OH	OVERHEAD
P1-1 (EG)	PEDESTRIAN HEAD (PHASE 1, NO. 1)
PB2-1 (EG)	PUSHBUTTON (PHASE 2, NO. 1)
PC	POINT OF CURVE
PE	PERMANENT EASEMENT
PED	PEDESTRIAN
PITO	POINT OF INTERSECTION OF TURNOUT
PKWY	PARKWAY
POB	POINT OF BEGINNING
POE	POINT OF ENDING
POT	POINT ON TANGENT
PROP	PROPOSED
PS	POINT OF SWITCH
PT	POINT OF TANGENT
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS (FEET)
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RL	RAIL LUBRICATOR
r	RATE OF CHANGE VERTICAL CURVE
RH	RIGHT HAND
ROW	RIGHT OF WAY
RT	RIGHT
S	SOUTH
SB	SOUTH BOUND
SC	SPIRAL TO CURVE
SIG-COMM	SIGNAL COMMUNICATION
SOP	SOURCE OF POWER
ST	STREET
ST	SPIRAL TO TANGENT
ST	STORM MANHOLE STRUCTURE
STA	STATION
TCE	TEMPORARY CONSTRUCTION EASEMENT
TH	TRUNK HIGHWAY
THRU	THROUGH
TOR	TOP OF RAIL
TPSS	TRACTION POWER SUBSTATION
TRK	TRACK
TS	TANGENT TO SPIRAL
TYP	TYPICAL
UG	UNDERGROUND
V	DESIGN VELOCITY (MPH)
VC	VERTICAL CURVE
VDE	VEHICLE DYNAMIC ENVELOPE
W	WEST
WB	WEST BOUND
WLK	WALK INDICATION

TRAIL INDEX

ABBREVIATED NAME	FULL NAME / LOCATION
TRAIL 1	UNDER RED CIRCLE DR, LRT, AND YELLOW CIRCLE DR
TRAIL 2	FROM TRAIL 1 TO GREEN CIRCLE DR
TRAIL 3	OPUS STATION ACCESS FROM BREN RD E
TRAIL 4	FROM BREN RD W TO TRAIL 5
TRAIL 5	FROM OPUS STATION TO GREEN CIRCLE DR
TRAIL 6	FROM TRAIL 5 TO SMETANA RD
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL TRAIL/FROM SHADY OAK STATION TO 11TH AVE
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL TRAIL/WEST OF EXCELSIOR
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL LRT TRAIL/BETWEEN EXCELSIOR AND KENILWORTH TRAIL CONNECTION
MIDTOWN GREENWAY	MIDTOWN GREENWAY/EAST OF KENILWORTH TRAIL CONNECTION
TRAIL A	KENILWORTH TRAIL (SECONDARY)/BETWEEN CEDAR-ISLES CHANNEL AND 21ST STREET STATION
TRAIL B	KENILWORTH TRAIL (SECONDARY)/BETWEEN 21ST STREET STATION AND PENN STATION
TRAIL B	CEDAR LAKE TRAIL (SECONDARY)/EAST OF PENN STATION
TRAIL C	10' CONNECTOR TRAIL FROM CEDAR LAKE LRT REGIONAL TRAIL TO TYLER AVE.
TRAIL D	10' CONNECTOR TRAIL/BELTLINE STATION TO CEDAR LAKE LRT REGIONAL TRAIL
KENILWORTH TRAIL	KENILWORTH TRAIL (MAIN)/W LAKE ST TO PENN STATION
CEDAR LAKE TRAIL	CEDAR LAKE TRAIL (MAIN)/PENN STATION TO TH 394
TRAIL E	KENILWORTH TRAIL (SECONDARY)/EAST OF W LAKE ST
TRAIL F	KENILWORTH TRAIL (SECONDARY)/WEST OF CEDAR LAKE PKWY
TRAIL G	NOT USED
TRAIL H	10' CONNECTOR TRAIL/EAST OF PENN STATION TO KENWOOD PKWY
TRAIL I	10' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO CSAH 20 (BLAKE RD)
CEDAR LAKE TRAIL	CEDAR LAKE TRAIL (MAIN)/AT-GRADE CROSSING AT PENN STATION
TRAIL J	CEDAR LAKE TRAIL (SECONDARY)/NORTHWEST OF PENN STATION
TRAIL K	CEDAR LAKE TRAIL (SECONDARY)/NORTHWEST OF PENN STATION
TRAIL L	CEDAR LAKE TRAIL (SECONDARY)/EAST OF PENN STATION
TRAIL M	10' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO CSAH 20 (BLAKE RD)
TRAIL N	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO EDGEBROOOK DRIVE
TRAIL O	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO W LAKE STREET
TRAIL P	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO LOUISIANA AVE
TRAIL Q	10' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO TH 7 SERVICE ROAD
TRAIL R	20' CONNECTOR TRAIL FROM VAN WHITE STATION TO CEDAR LAKE TRAIL
TRAIL S	10' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO BELTLINE BLVD
TRAIL T	8' CONNECTOR TRAIL FROM VAN WHITE STATION TO VAN WHITE MEMORIAL BLVD
TRAIL U	10' TRAIL PARALLEL TO CEDAR LAKE PKWY
LUCE LINE TRAIL	LUCE LINE REGIONAL TRAIL/ON BRIDGE OVER LIGHT RAIL
TRAIL V	CONNECTOR TRAIL TO LUCE LINE REGIONAL TRAIL WEST OF LIGHT RAIL
TRAIL W	CONNECTOR TRAIL TO LUCE LINE REGIONAL TRAIL WEST OF LIGHT RAIL
TRAIL X	NOT USED
TRAIL Y	12' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO WOODDALE AVE S
TRAIL Z	12' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO WOODDALE AVE S
TRAIL AA	8' PEDESTRIAN CONNECTOR TRAIL FROM TRAIL B TO PENN STATION
TRAIL BB	8' PEDESTRIAN CONNECTOR TRAIL FROM TRAIL B TO PENN STATION
TRAIL CC	10' CONNECTOR TRAIL FROM KENILWORTH TRAIL (MAIN) TO PENN STATION

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GENERAL
NOTES, ABBREVIATIONS, AND SYMBOLS
SHEET 2

DISCIPLINE: GENERAL

SHEET NAME: 00-GEN-NTS-002

SHEET 7 OF 316

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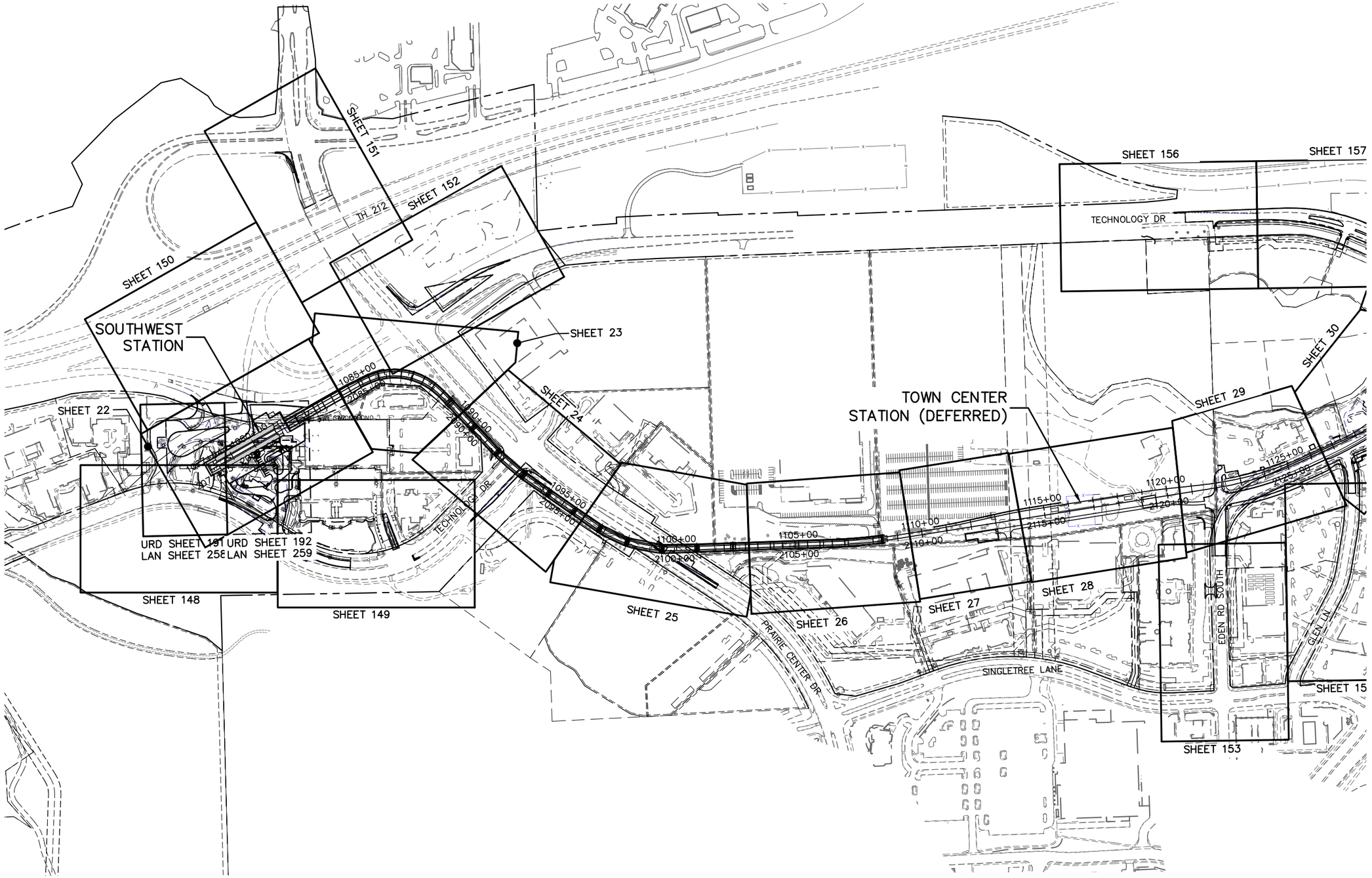

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LANDSCAPE ARCH
PLAN SHEET LAYOUT
SHEET 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-LAY - 001

SHEET 8 OF 316

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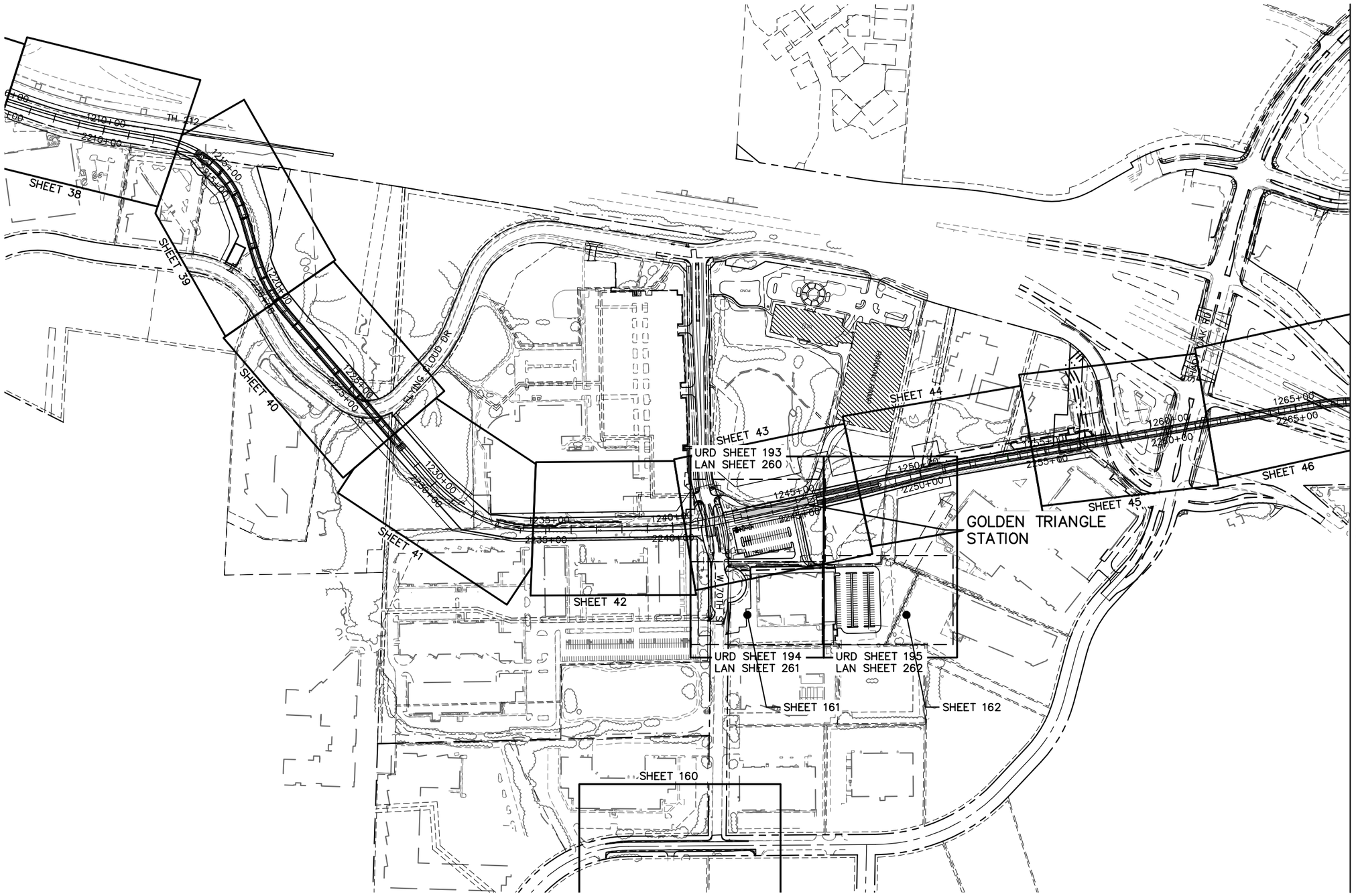

MATCH LINE - SHEET 1 OF 2

0 100 200 400
HORIZONTAL SCALE IN FEET

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METROPOLITAN COUNCIL — SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LANDSCAPE ARCH
PLAN SHEET LAYOUT
SHEET 2

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W2-LAN-LAY - 001

SHEET 9 OF 316

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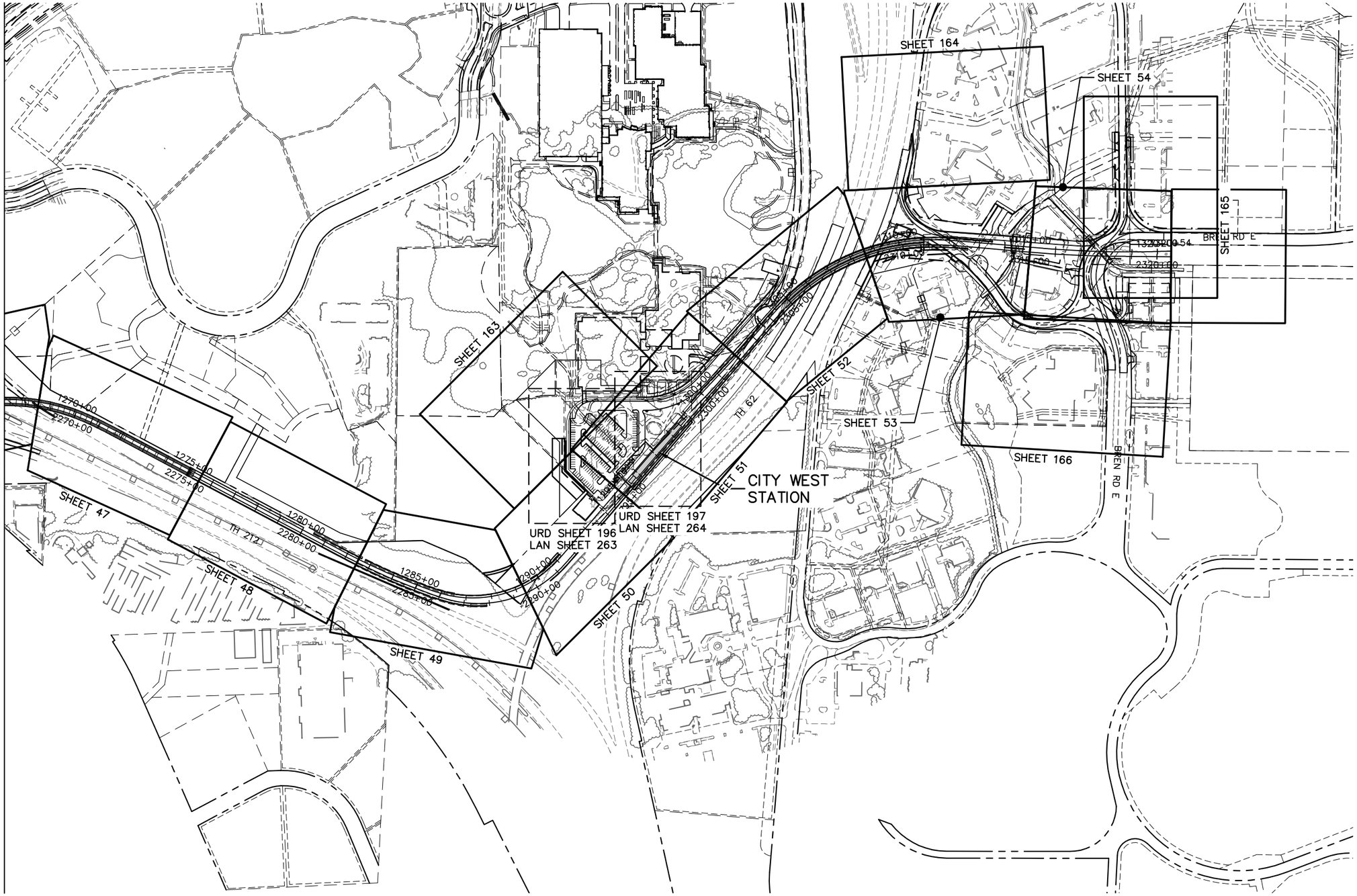

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LANDSCAPE ARCH
PLAN SHEET LAYOUT
SHEET 3

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-LAY - 002

SHEET 10 OF 316

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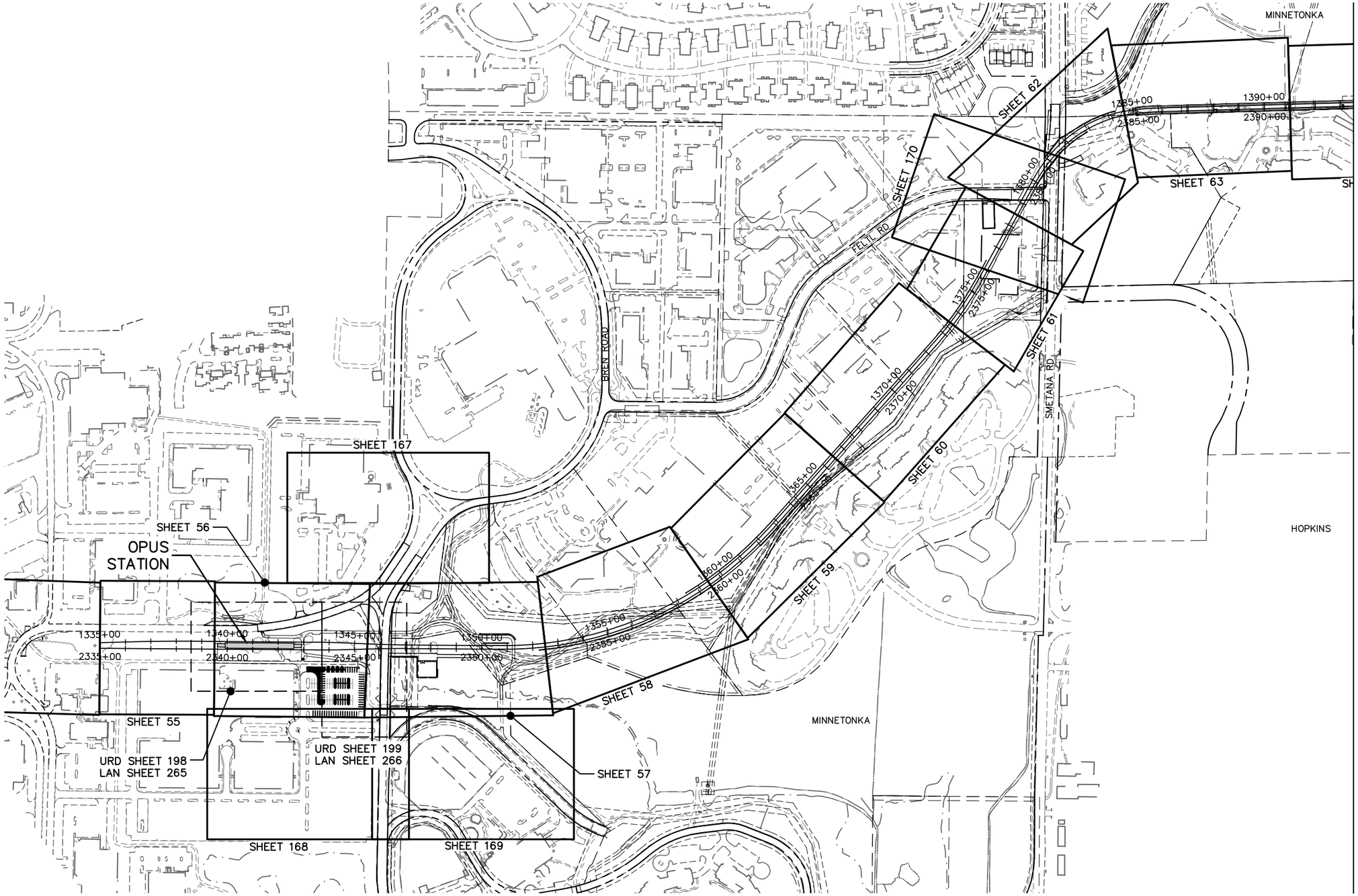

MATCH LINE - SHEET 1 OF 2

0 100 200 400
HORIZONTAL SCALE IN FEET

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SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LANDSCAPE ARCH
PLAN SHEET LAYOUT
SHEET 4

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-LAY - 001

SHEET 11 OF 316

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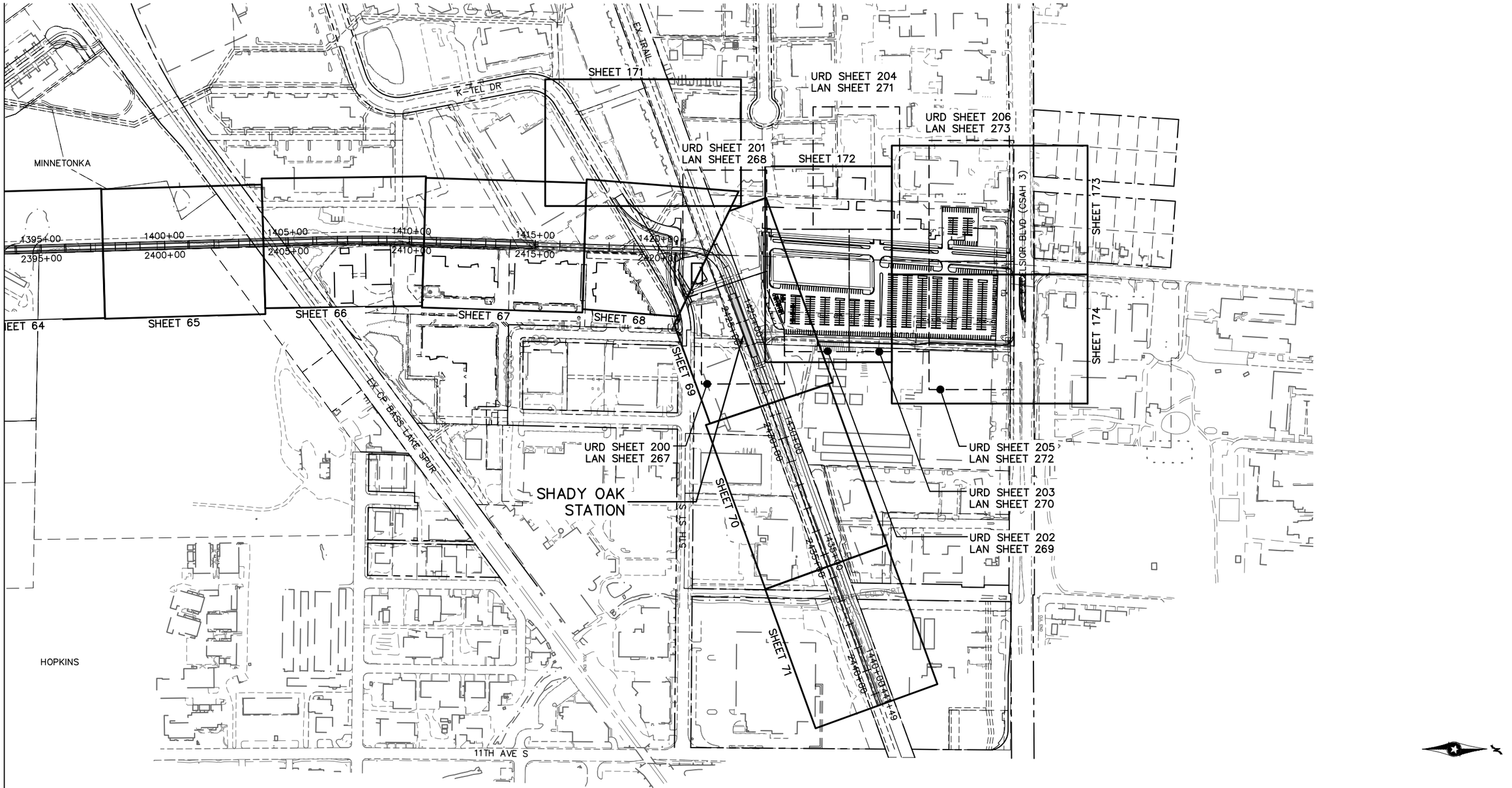

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SOUTHWEST Green Line LRT Extension

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CIVIL - VOLUME 9
LANDSCAPE ARCH
PLAN SHEET LAYOUT
SHEET 5

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-LAY - 002

SHEET 12 OF 316

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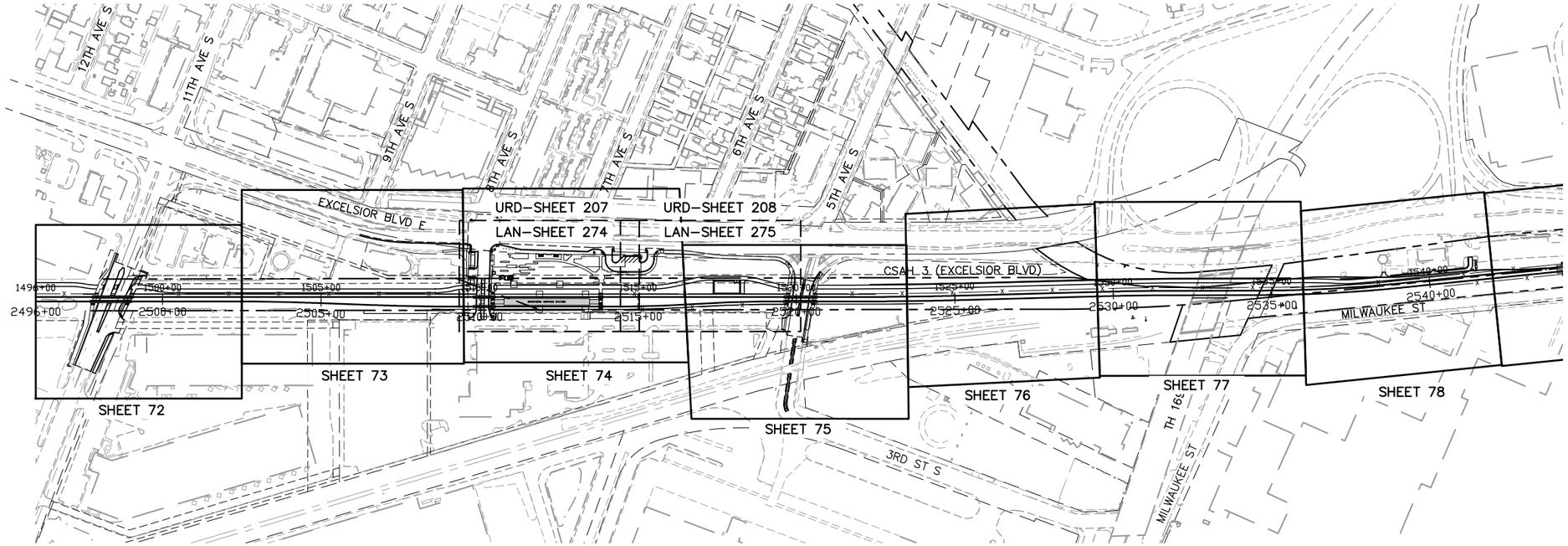

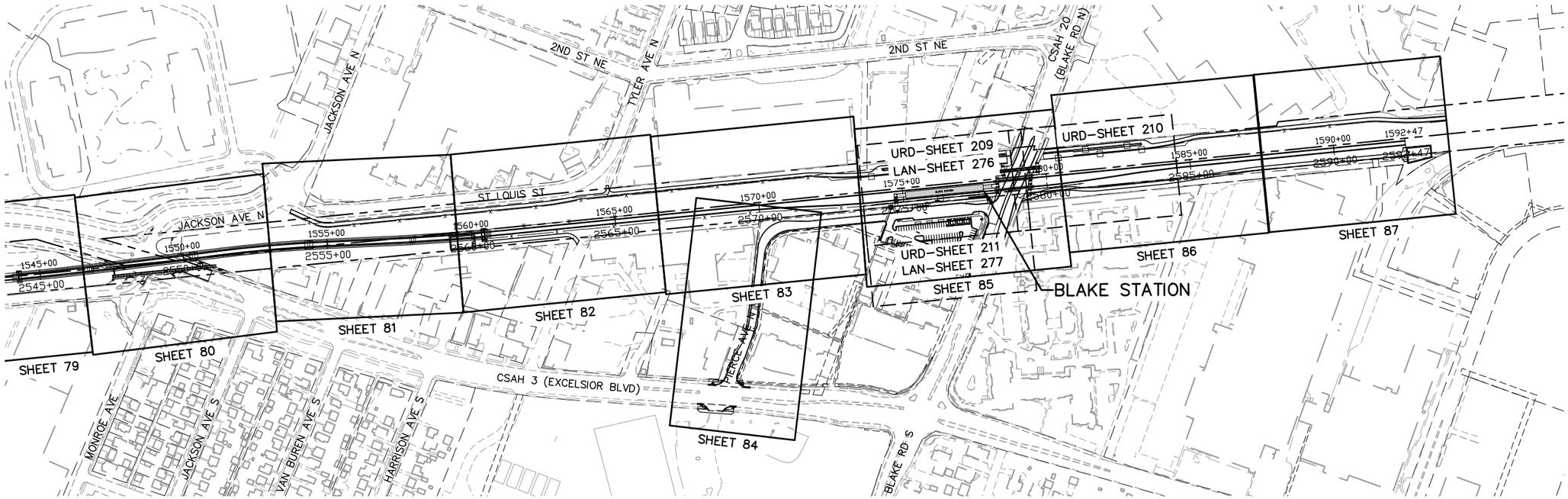

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN SHEET LAYOUT
SHEET 6

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-LAY - 001

SHEET 13 OF 316

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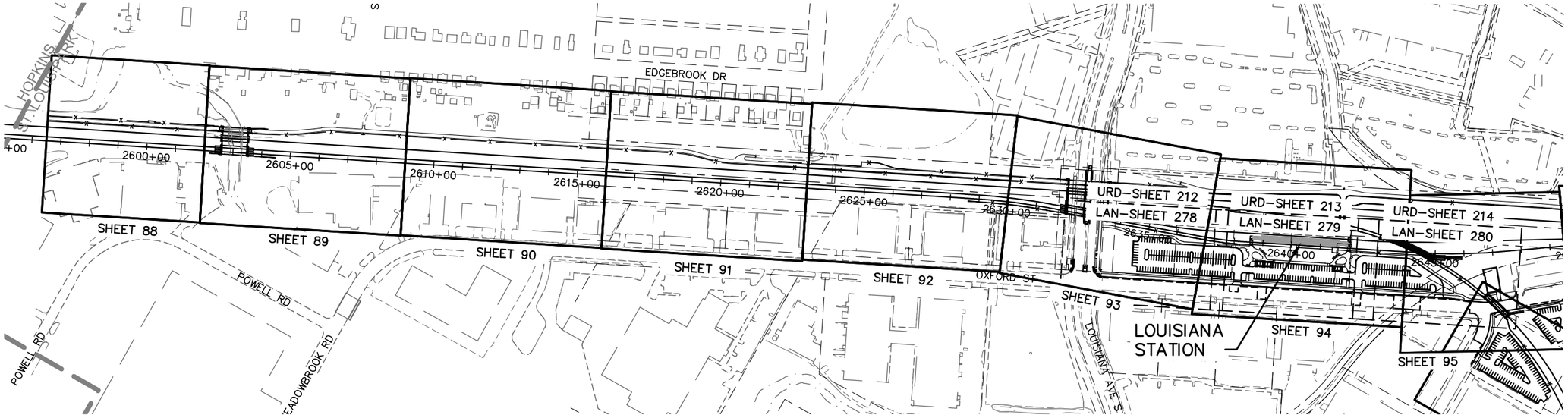

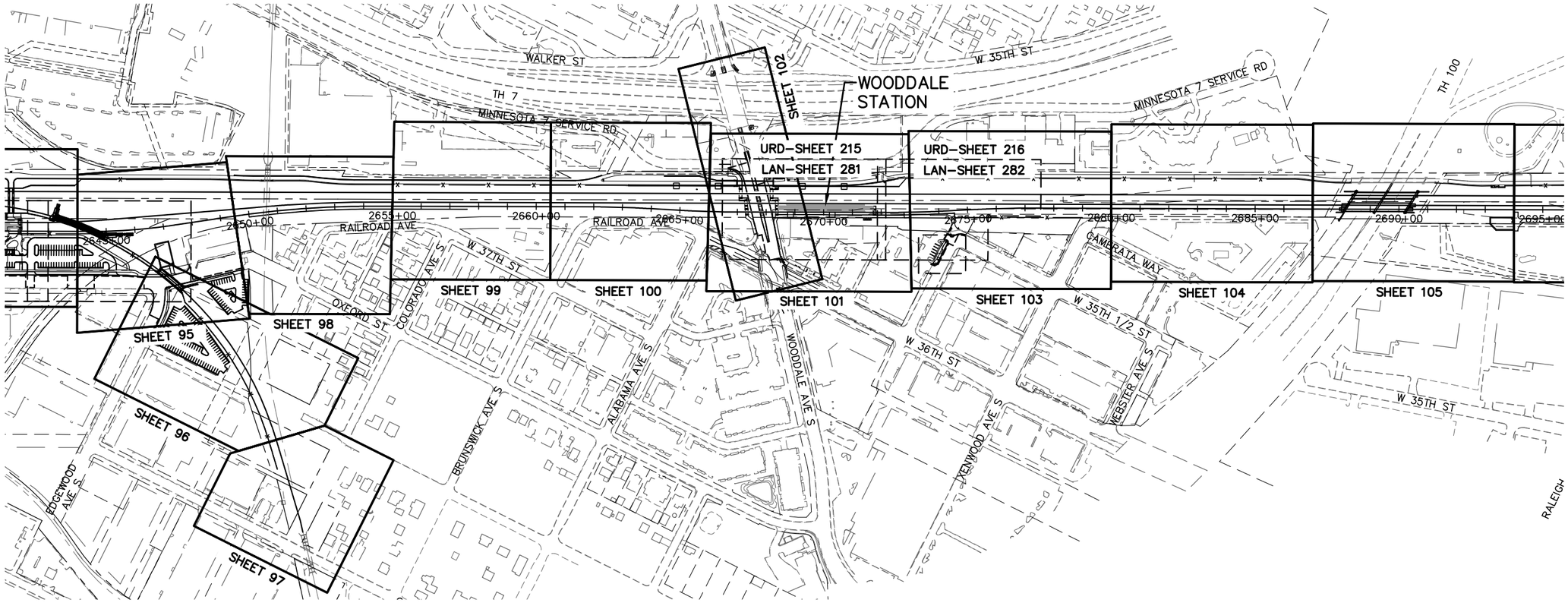

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SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN SHEET LAYOUT
SHEET 7

DISCIPLINE: LAYOUTS

SHEET NAME: E2-LAN-COR-LAY - 001

SHEET 14 OF 316

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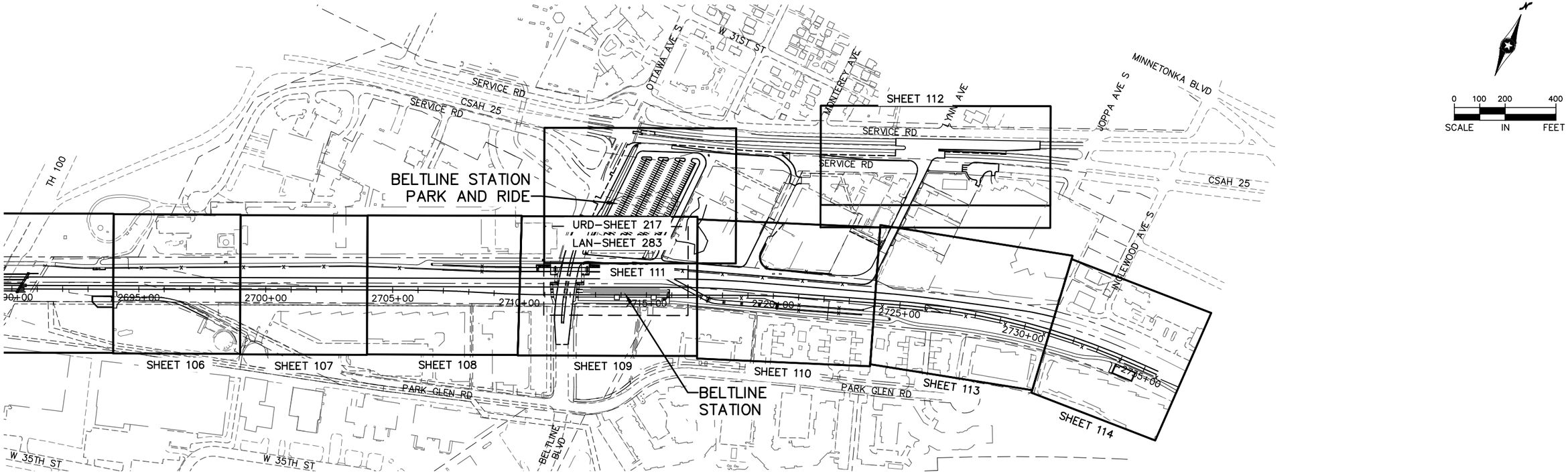

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METROPOLITAN COUNCIL

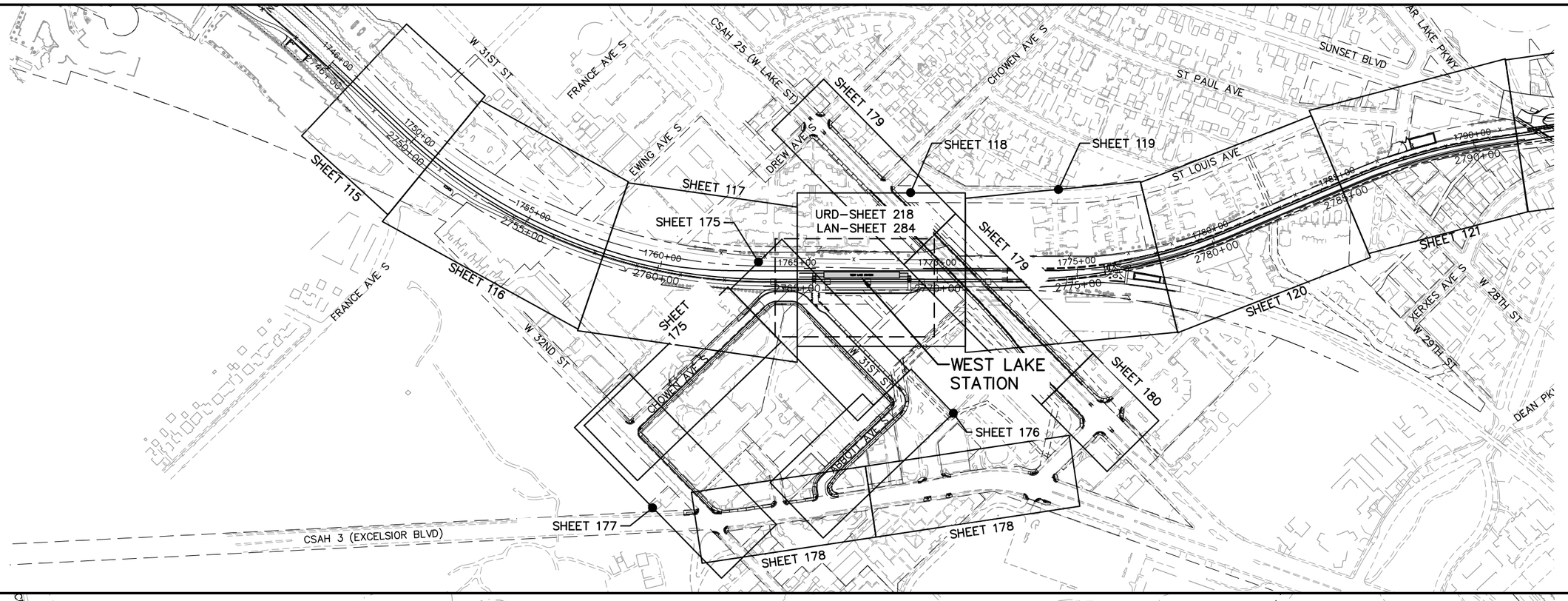
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN SHEET LAYOUT
SHEET 8

DISCIPLINE: LAYOUTS

SHEET NAME: E2-LAN-COR-LAY - 002

SHEET 15 OF 316



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN SHEET LAYOUT
SHEET 9

DISCIPLINE: LANDSCAPE ARCH

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SHEET 16 OF 316

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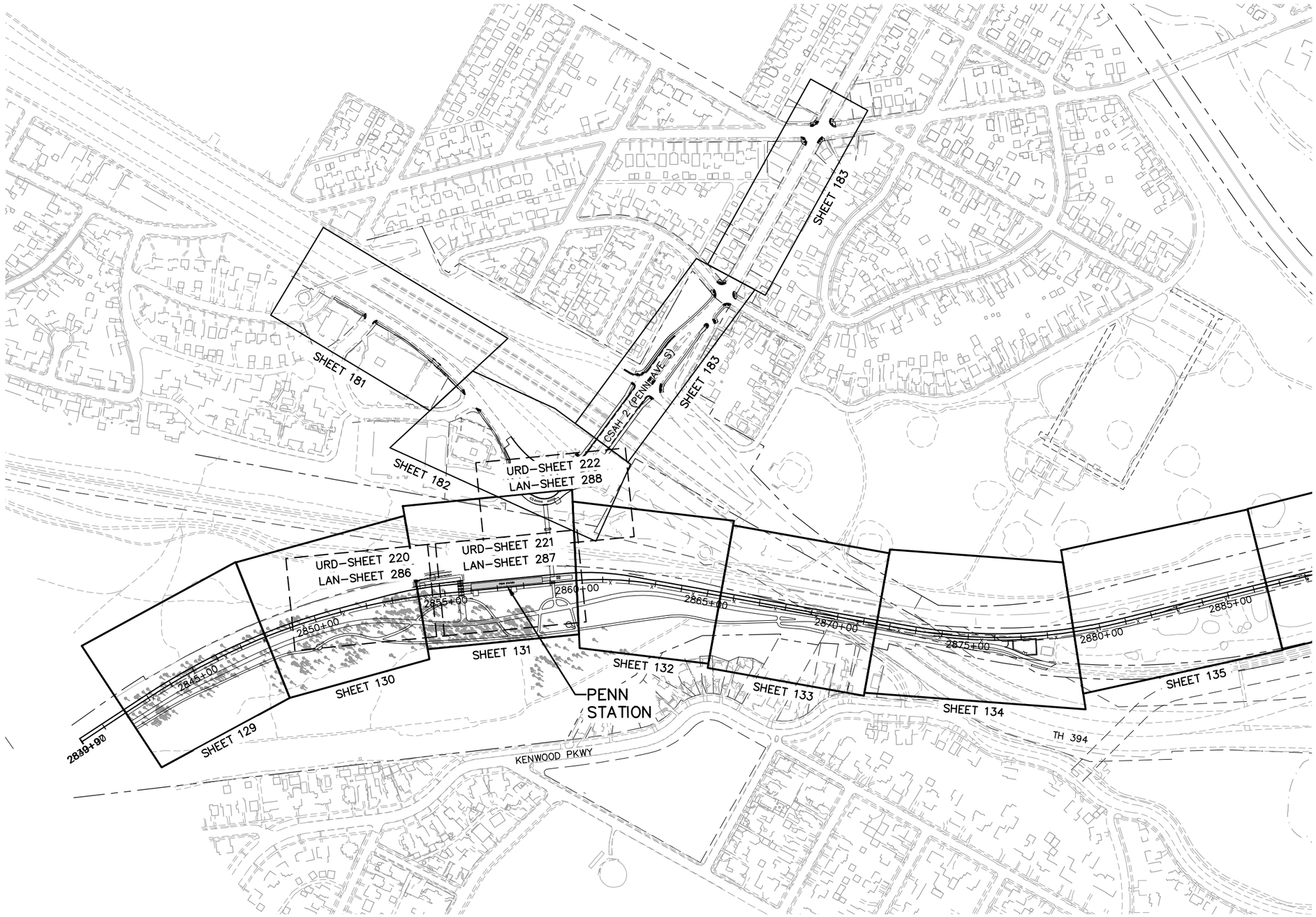

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METROPOLITAN COUNCIL

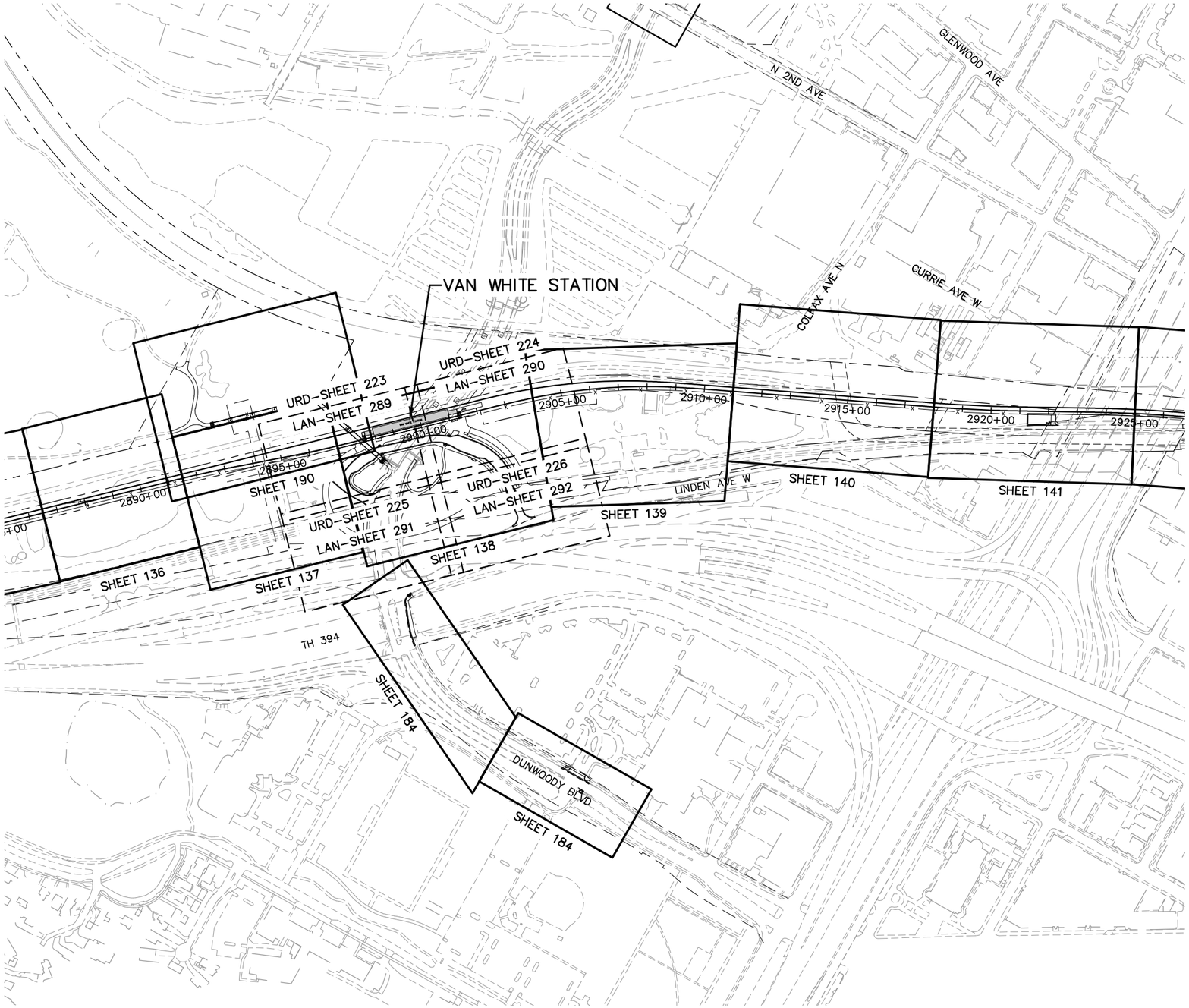
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN SHEET LAYOUT
SHEET 10

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-LAY - 001

SHEET 17 OF 316



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN SHEET LAYOUT
SHEET 11

DISCIPLINE: LANDSCAPE ARCH

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SHEET 18 OF 316

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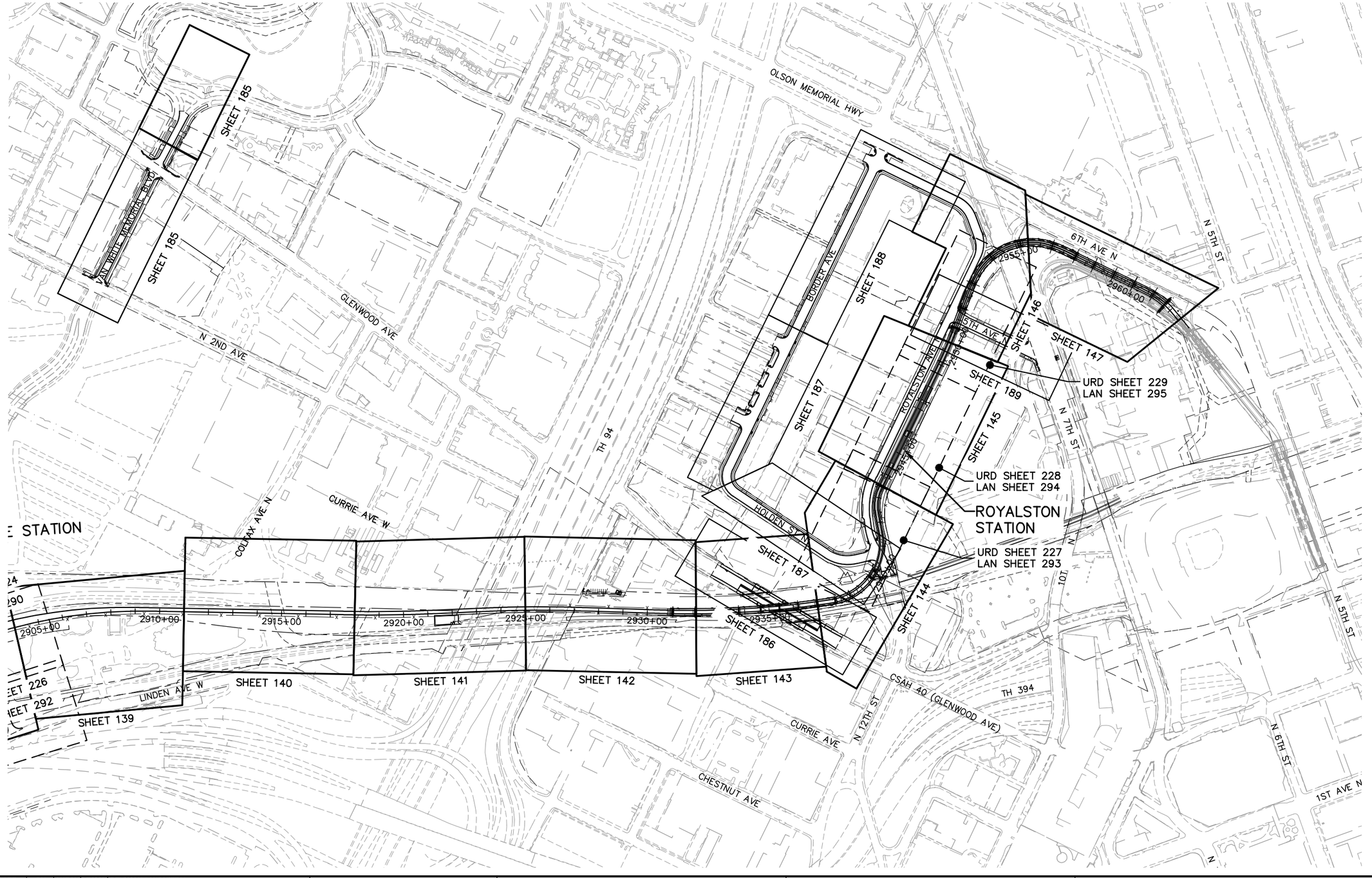

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN SHEET LAYOUT
SHEET 12

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-LAY - 003

SHEET 19 OF 316

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GENERAL LEGEND

- ROADWAY ℄
- TRACK ℄
- CONCRETE CURB AND GUTTER
- RETAINING WALL
- BALLAST CURB
- TUNNEL WALL
- EX ROW
- PROP ROW
- PROP TCE
- PROP PE
- DELINEATED WETLAND
- WATER EDGE
- CROSSWALK
- TRAIL (WIDTH VARIES)
- DRIVEWAY (DESIGN VARIES)
- PEDESTRIAN RAMP (DESIGN VARIES)
- AUTOMATIC GATE
- PEDESTRIAN FLASHER
- OCS POLE
- TPSS BUILDING (TPSS–SW###)
- SIGNAL OR INTERMEDIATE OR PLATFORM OR XING OR TUNNEL HOUSE OR ANY COMBINATION OF THESE

CORRIDOR PLAN AND OFF–SITE ROADWAY PLAN LEGEND

- CONCRETE WALK
- FENCE TYPE A
- FENCE TYPE B–E
- METRO TRANSIT BUS SHELTER TYPE C
- METRO TRANSIT BUS SHELTER TYPE E
- BENCH (6')
- BICYCLE LOOP
- TRASH AND RECYCLING RECEPTACLE
- BOLLARD
- OVERSTORY DECIDUOUS TREE
- OVERSTORY DECIDUOUS TREE IN TREE GRATE
- ORNAMENTAL DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB
- PERENNIAL/ORNAMENTAL GRASS
- SOD
- SEED TYPE 1 – TURF SEED
- SEED TYPE 2 – NATIVE SEED
- SEED TYPE 3 – BMP
- SEED TYPE 4 – WETLAND RESTORATION
- BALLAST

STATION URBAN DESIGN LEGEND

- CONCRETE WALK
- WALK – SPECIAL PAVEMENT
- FENCE TYPE A
- FENCE TYPE B–E
- METRO TRANSIT BUS SHELTER TYPE C
- METRO TRANSIT BUS SHELTER TYPE E
- BENCH (6')
- BICYCLE LOOP
- TRASH AND RECYCLING RECEPTACLE
- BOLLARD
- OVERSTORY DECIDUOUS TREE
- OVERSTORY DECIDUOUS TREE IN TREE GRATE
- ORNAMENTAL DECIDUOUS TREE
- CONIFEROUS TREE

GENERAL NOTES

1. THE LINEWORK OR HATCH PATTERN SHOWN ON THE SIDEWALK IS PROVIDED TO HELP DELINEATE SIDEWALK LOCATIONS AND IS NOT INTENDED TO REPRESENT A JOINTING LAYOUT.
2. WHERE REQUIRED, ALL METAL URBAN DESIGN ELEMENTS INCLUDING FENCES, RAILINGS, AND BIKE RACKS ADJACENT TO TRACKWAY SHALL BE GROUNDED.
3. FENCES GREATER THAN 15'–0" OFF THE CENTER LINE OF THE LRT TRACKS SHALL BE GROUND AT THE STARTING AND STOPPING END POST, AT EXPANSION JOINTS AND MIDWAY BETWEEN THE EXPANSION JOINTS.

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN
NOTES, ABBREVIATIONS, & SYMBOLS

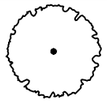
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-URD-LGD - 001

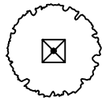
SHEET 20 OF 316

Jan, 19 2016 10:16 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-LGD.dwg By: V-MozzetBR

STATION LANDSCAPE LEGEND



OVERSTORY DECIDUOUS TREE



OVERSTORY DECIDUOUS TREE IN TREE GRATE



ORNAMENTAL DECIDUOUS TREE



CONIFEROUS TREE

SHRUB



PERENNIALS / ORNAMENTAL GRASSES



BALLAST

EDGER

PERMANENT TURF ESTABLISHMENT



SOD



SEED TYPE 1 – LAWN TURF SEED MIX



SEED TYPE 2 – NATIVE SEED MIX



SEED TYPE 3 – BMP SEED MIX



SEED TYPE 4 – WETLAND RESTORATION SEED MIX

GENERAL NOTES

1. EXISTING TURF AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE REVEGETATED WITH SOD OR SEEDED. CIVIL DRAWINGS ILLUSTRATE A TEMPORARY CONSTRUCTION EASEMENT (TCE), WHICH IDENTIFIES THE LIMITS OF CONSTRUCTION ACTIVITIES; HOWEVER, LIMITS OF ACTUAL DISTURBANCE THAT WOULD REQUIRE SOD OR SEED INSTALLATION MAY NOT COINCIDE WITH THE TCE.
2. ALL EXISTING VEGETATION WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED. PROTECT EXISTING VEGETATION NOTED TO REMAIN INCLUDING TREES, SHRUBS, & OTHER PLANTINGS.
3. PLACE TURF ESTABLISHMENT TO SUBBALLAST OF LRT AND FREIGHT RAIL.

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LANDSCAPE
NOTES, ABBREVIATIONS, & SYMBOLS

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W0-LAN-LGD - 001

SHEET 21 OF 316

Jan, 19 2016 04:32 pm v:\3400_ADC\CAD\OVERALL\PLAN SHEETS\LANDSCAPE\W0-LAN-LGD.dwg By: sjergens

BEGINNING OF SEGMENT 1 - STA. 2077+80

MATCH LINE - STA. 2084+00

℄ BUS RAMP

℄ BUS CONN

EX PROPERTY LINE

9+90

RETAINING WALL (TYP)

TPSS-SW301

℄ TRACK 1

℄ TRACK 2

BRIDGE 27C06

SOUTHWEST STATION

SOUTHWEST STATION

2077+80

2078+00

2079+00

2080+00

2081+00

2082+00

2083+00

TH SW1 CARDNO

5/100 TYPE A

240+00

440+00

℄ TECHNOLOGY DR WB

℄ TECHNOLOGY DR EB

0 15 30 60

HORIZONTAL SCALE IN FEET

Jan. 18 2016 08:34 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-COR-PLN.dwg By: dkrzmarzick

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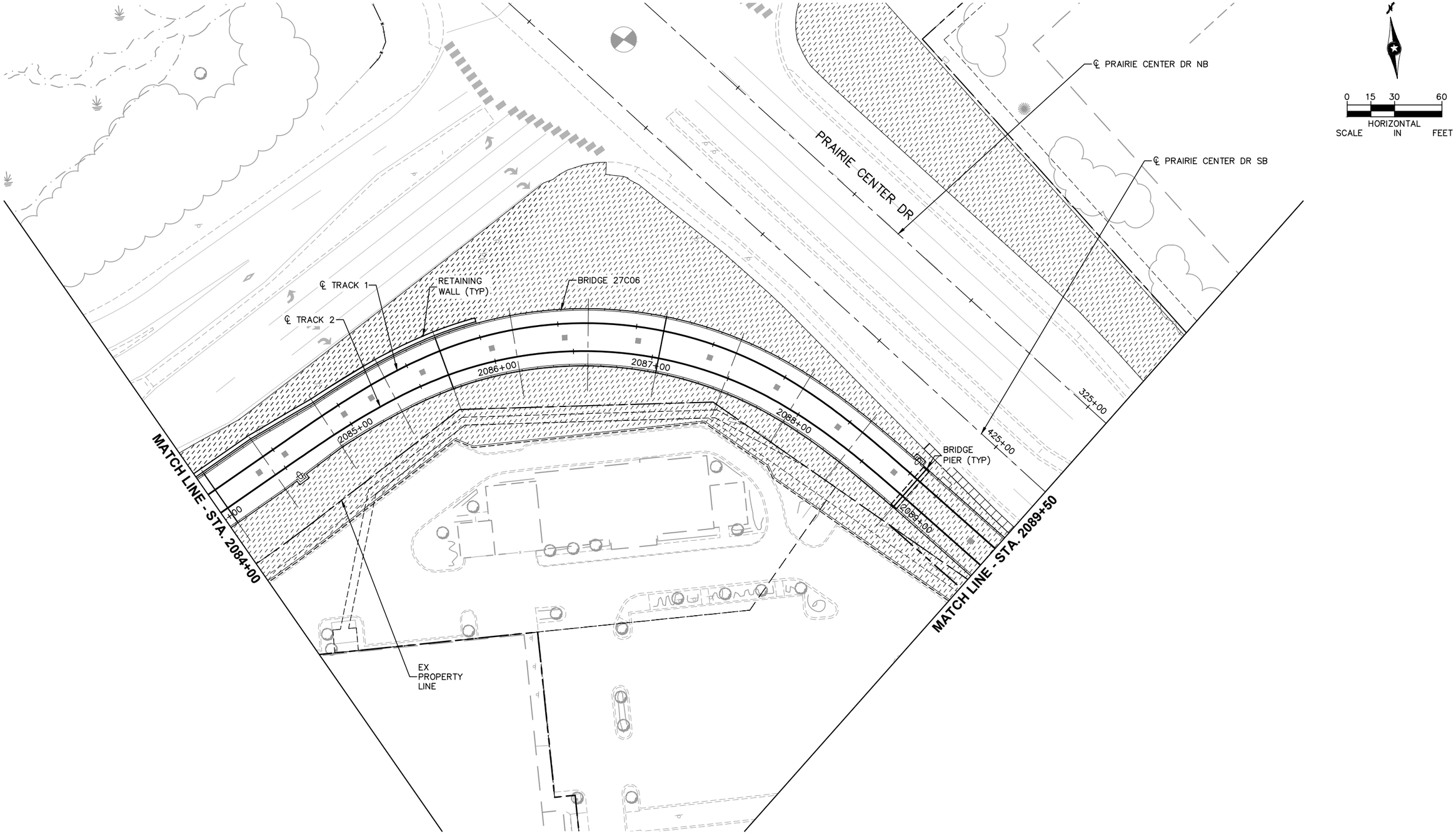
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2077+80 TO STA. 2084+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 001

SHEET 22 OF 316



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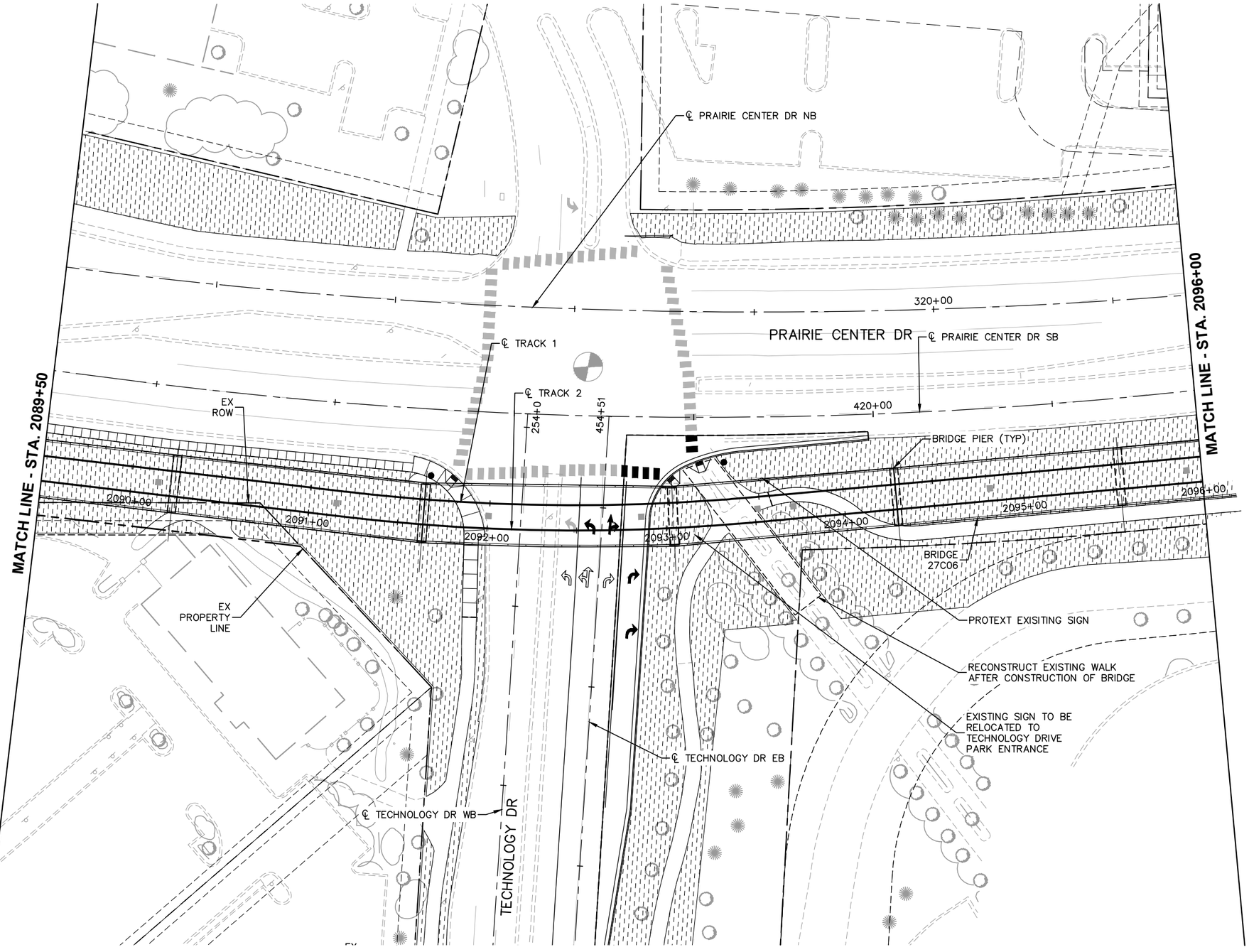
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2084+00 TO STA. 2089+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 002

SHEET 23 OF 316



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METROPOLITAN COUNCIL

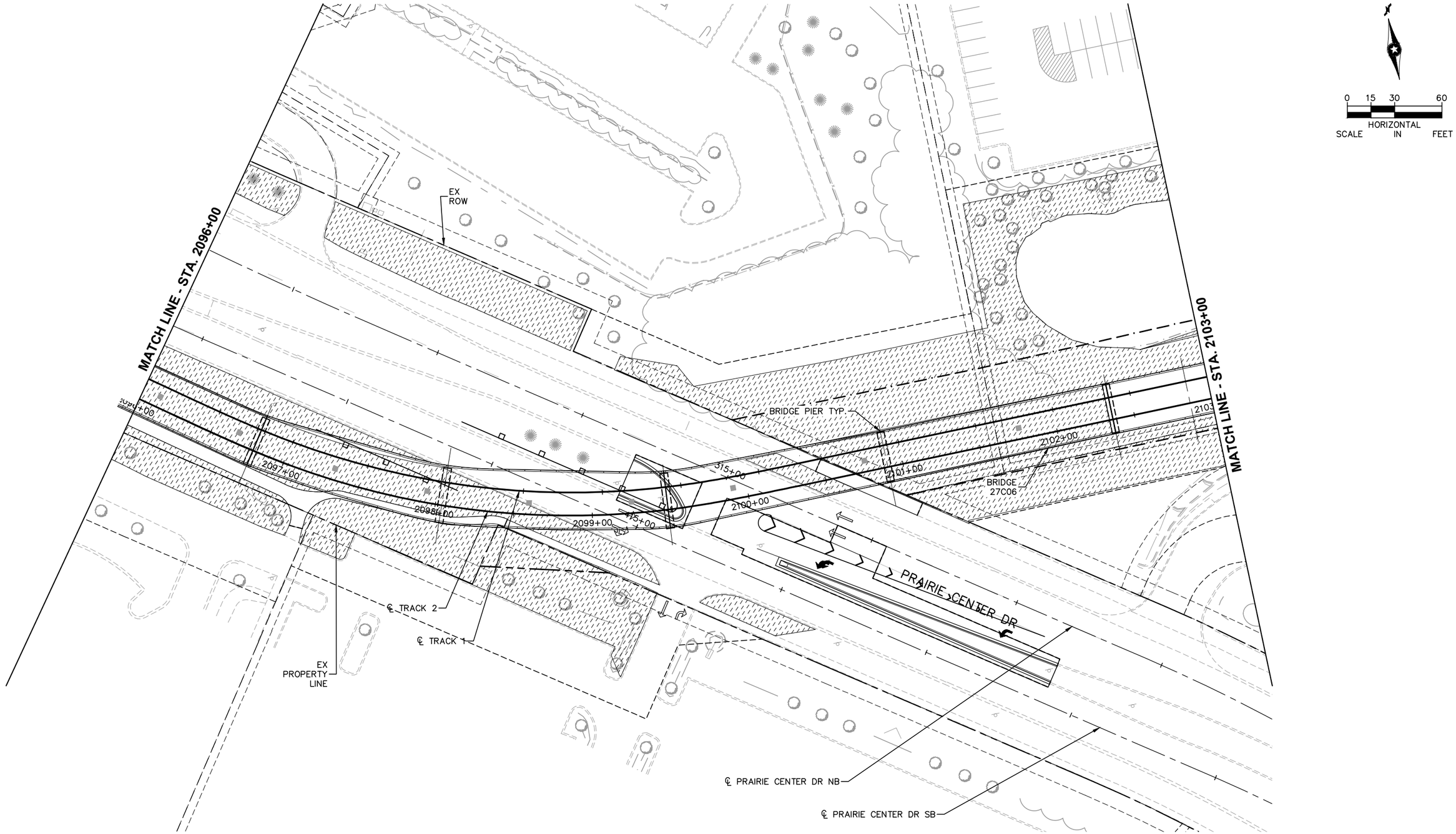
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2089+50 TO STA. 2096+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 003

SHEET 24 OF 316



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

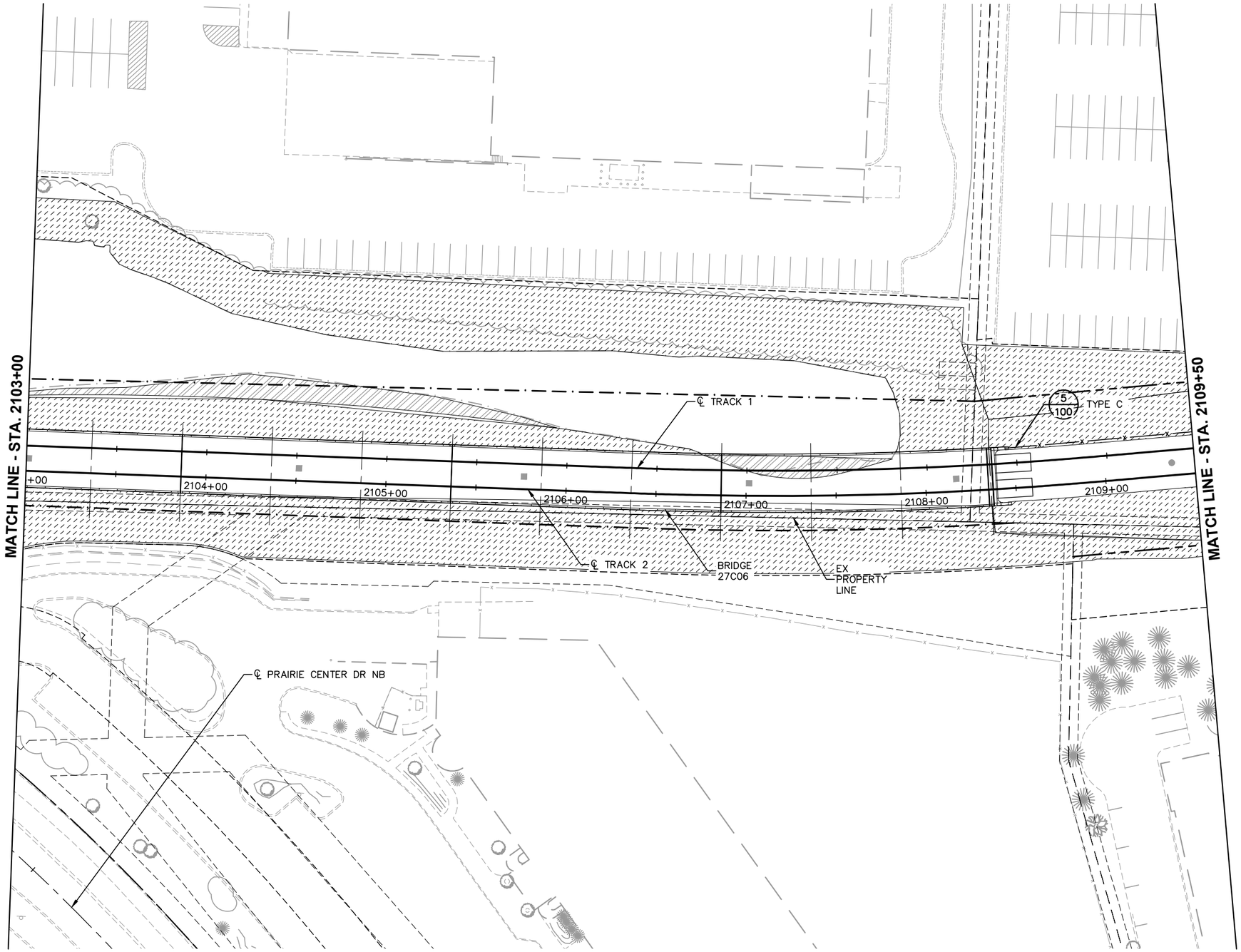
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2096+00 TO STA. 2103+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 004

SHEET 25 OF 316

Jan, 18 2016 08:36 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-COR-PLN.dwg By: akrzmarzick



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2103+00 TO STA. 2109+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 005

SHEET 26 OF 316

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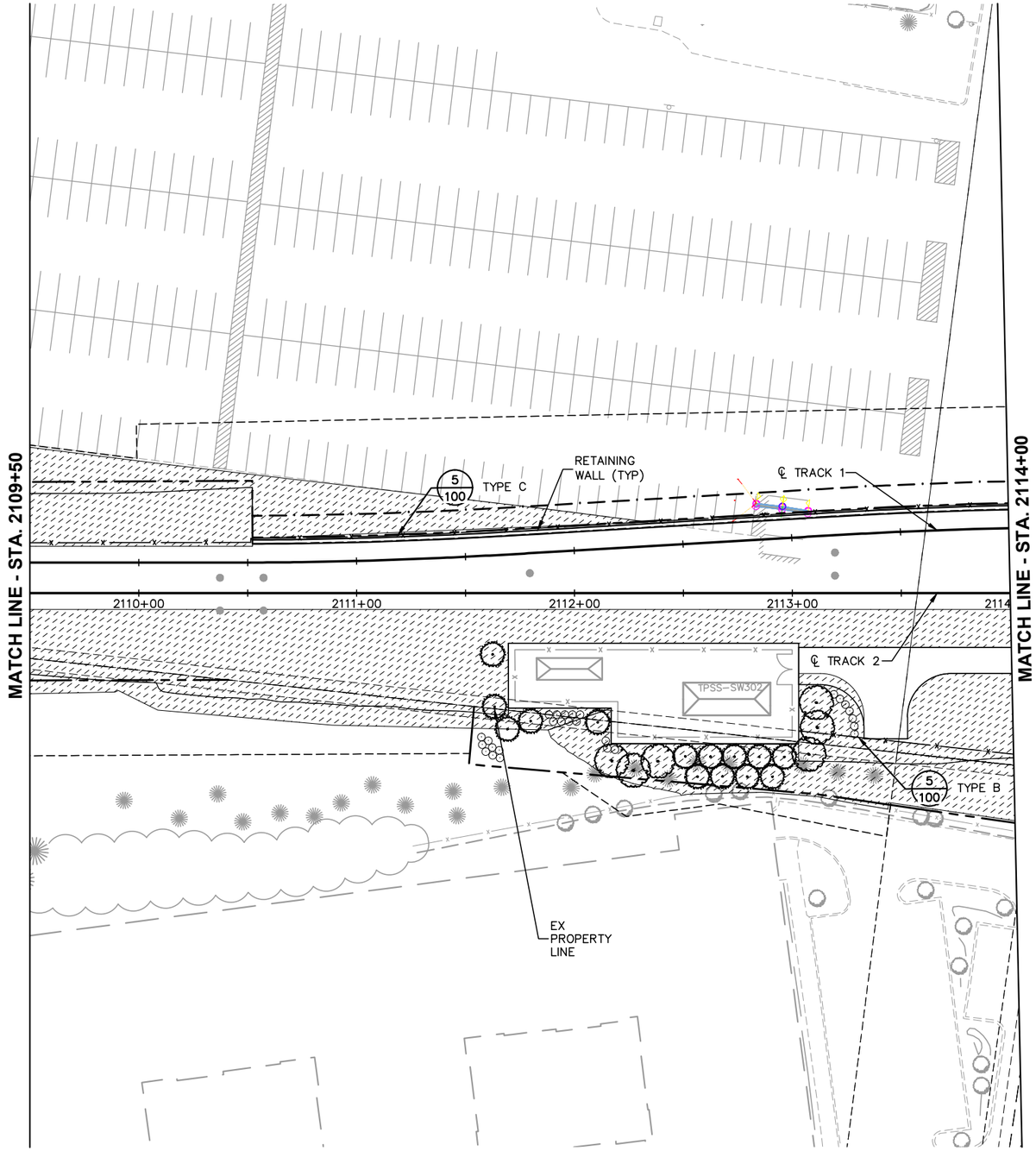

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

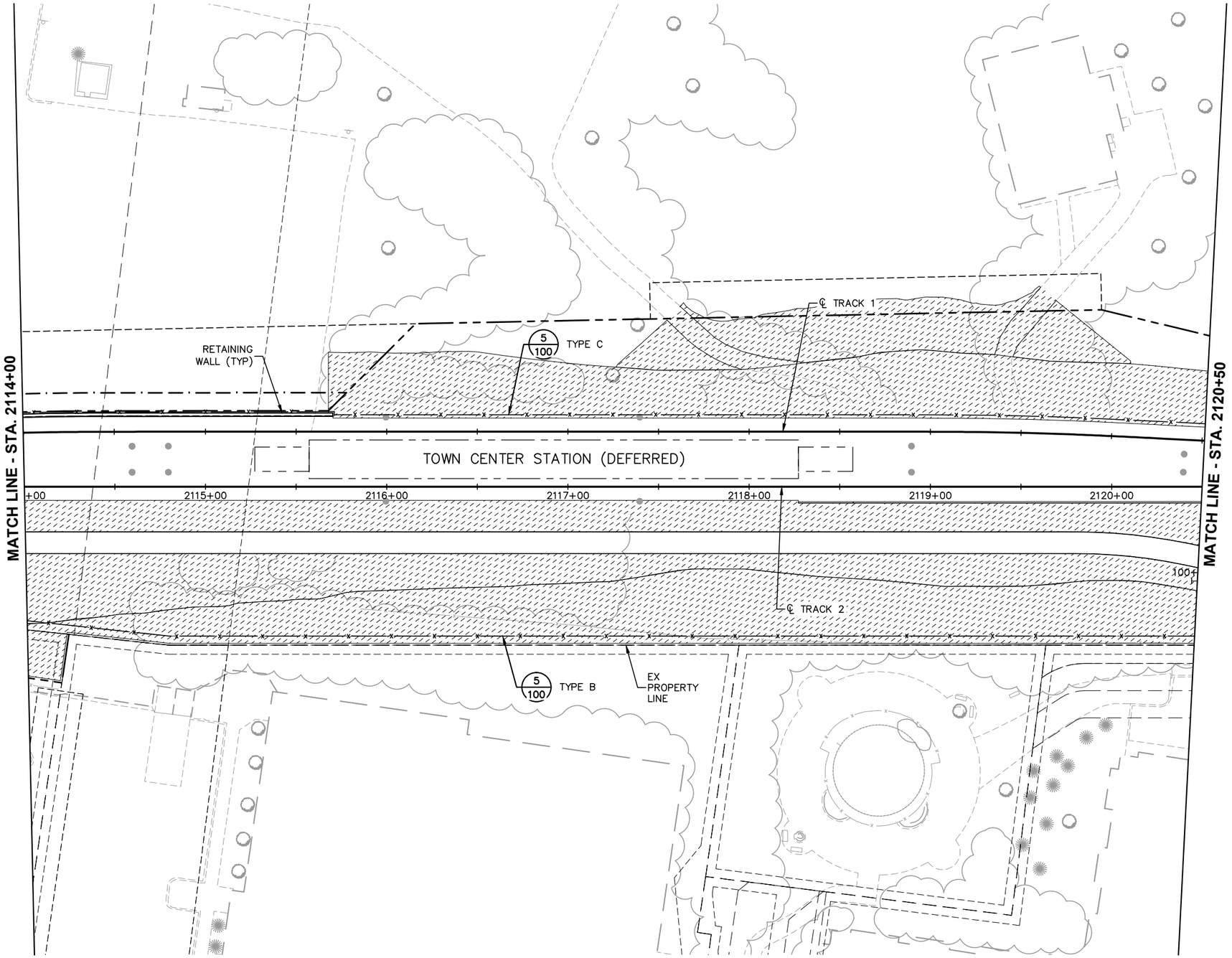
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2109+50 TO STA. 2114+00

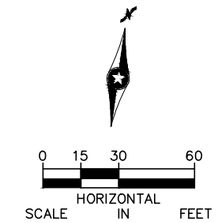
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 006

SHEET 27 OF 316

Jan, 18 2016 08:37 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-COR-PLN.dwg By: akrzmarzick





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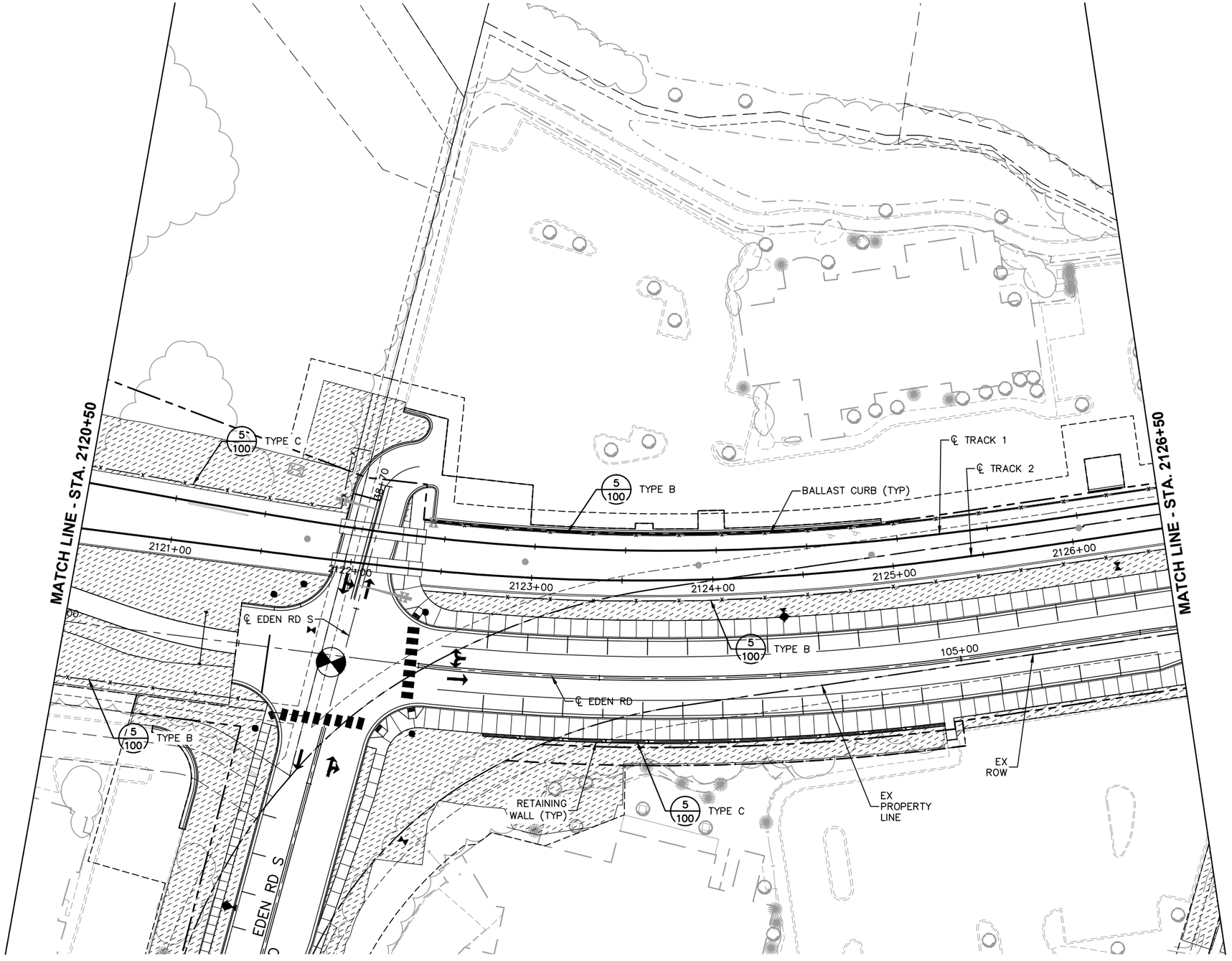
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2114+00 TO STA. 2120+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 007

SHEET 28 OF 316



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HORIZONTAL SCALE IN FEET

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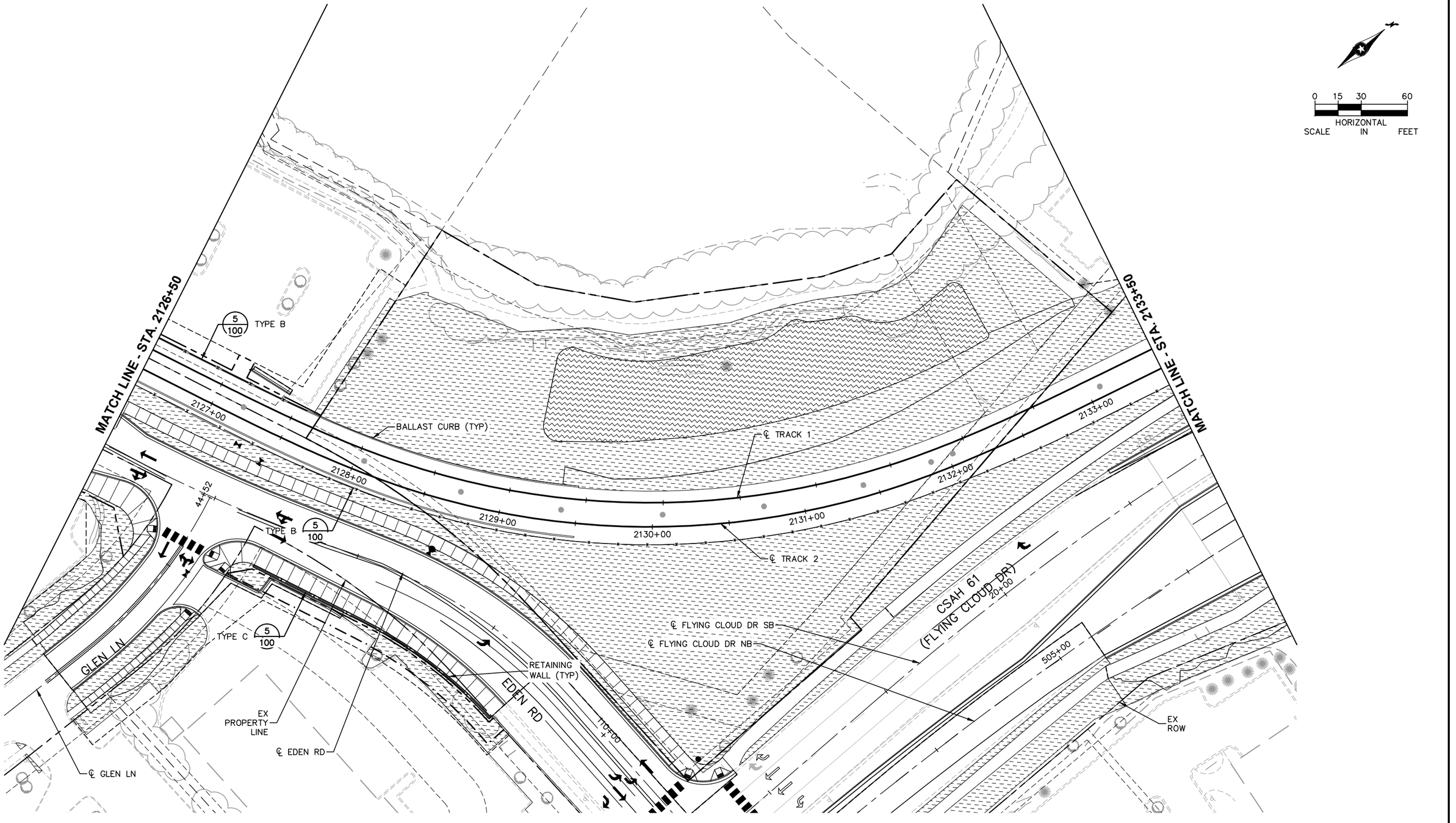
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2120+50 TO STA. 2126+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 008

SHEET 29 OF 316

Jan, 18 2016 08:38 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-COR-PLN.dwg By: akrzmarzick



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SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2126+50 TO STA. 2133+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 009

SHEET 30 OF 316



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2133+50 TO STA. 2140+50

SHEET 31 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 010

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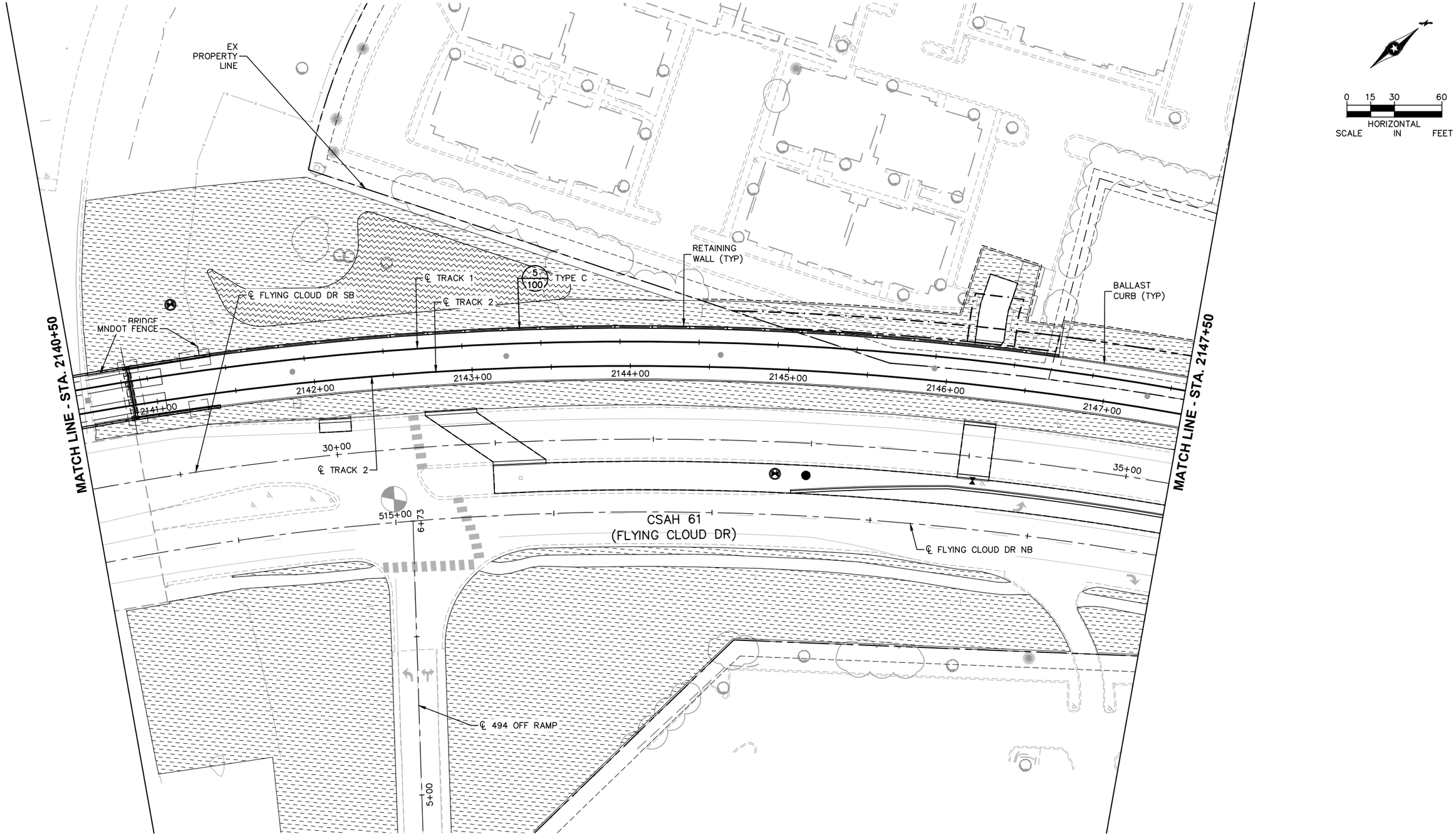

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METROPOLITAN COUNCIL

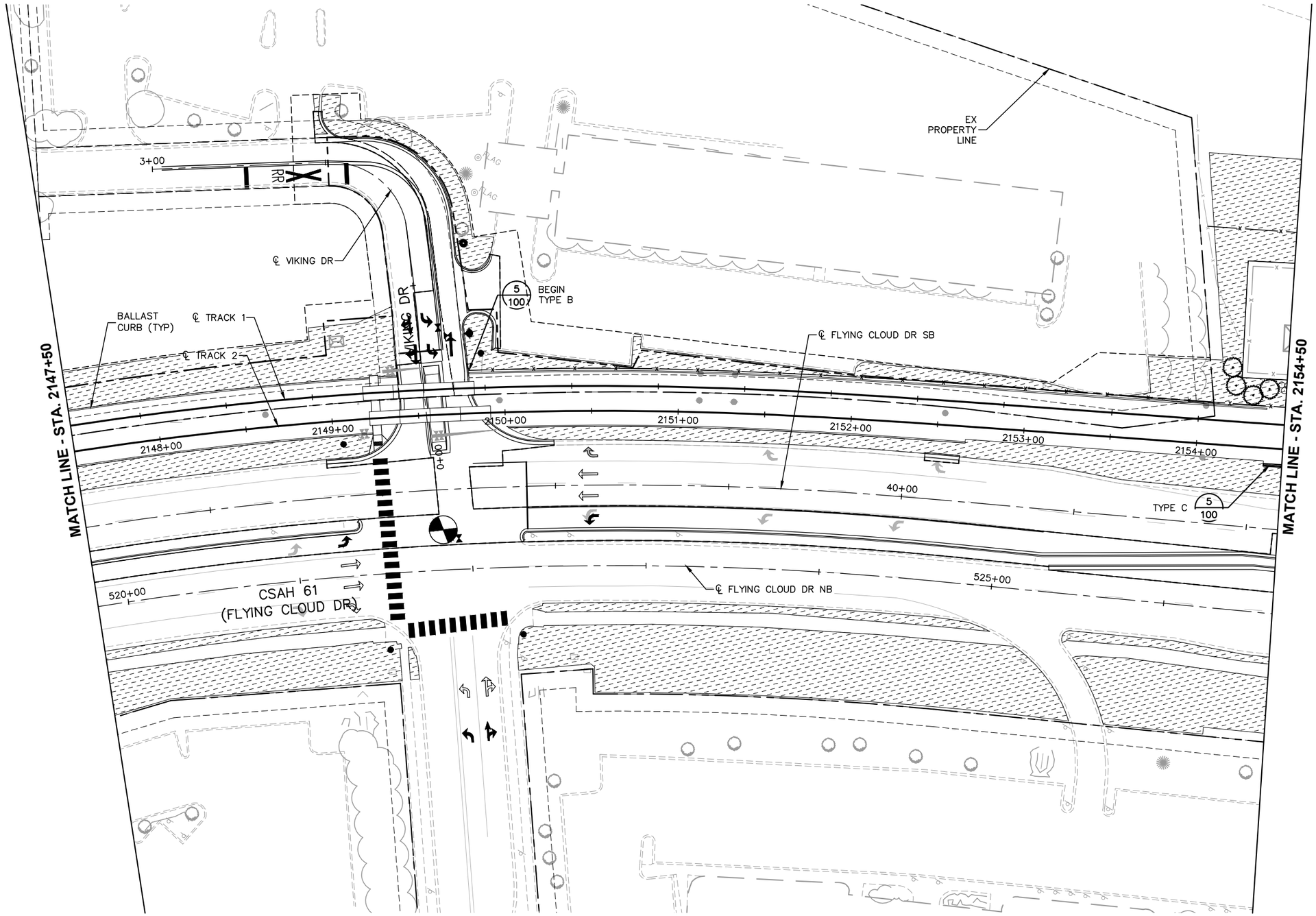
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2140+50 TO STA. 2147+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 011

SHEET 32 OF 316



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2147+50 TO STA. 2154+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 012

SHEET 33 OF 316

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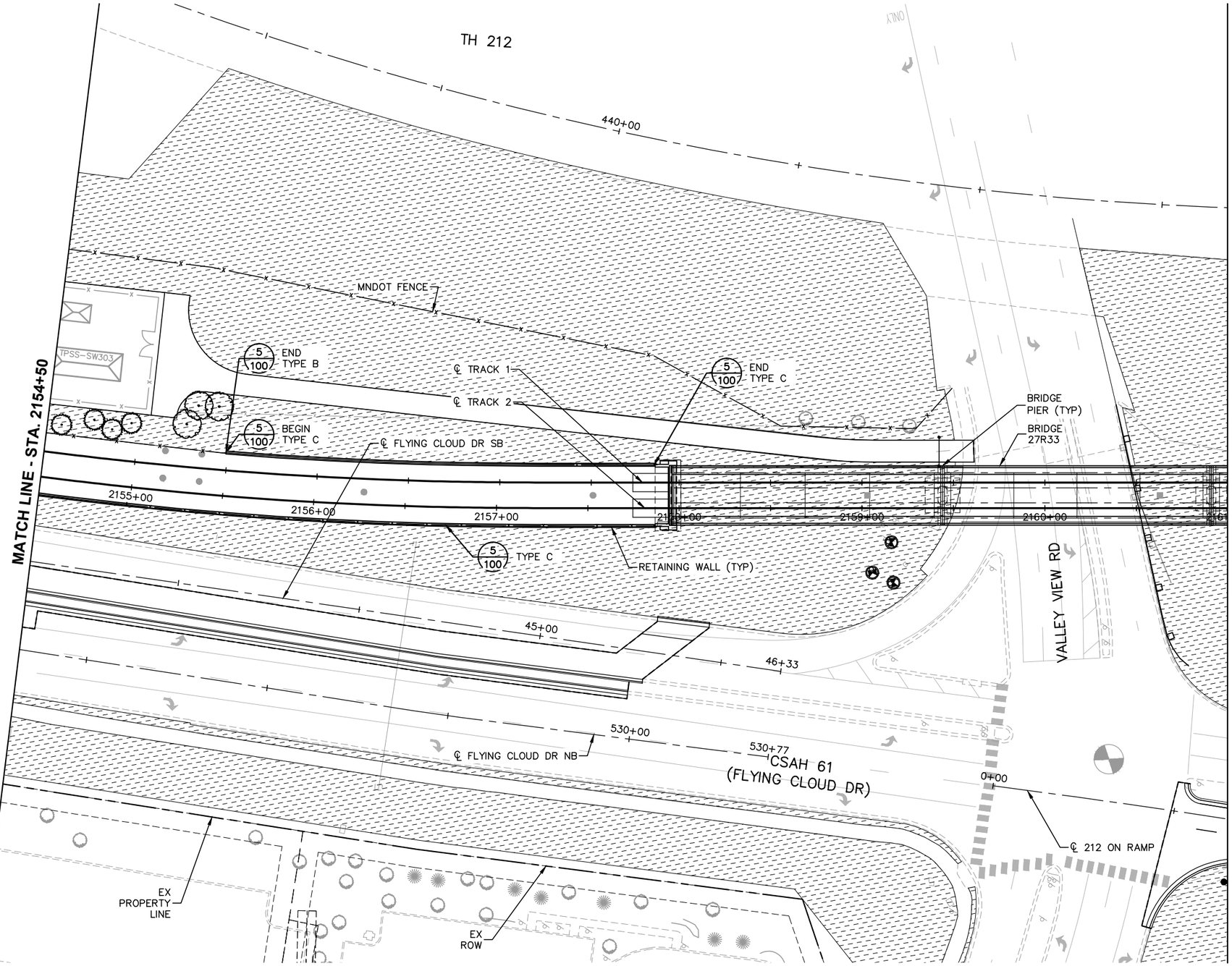

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HORIZONTAL SCALE IN FEET

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

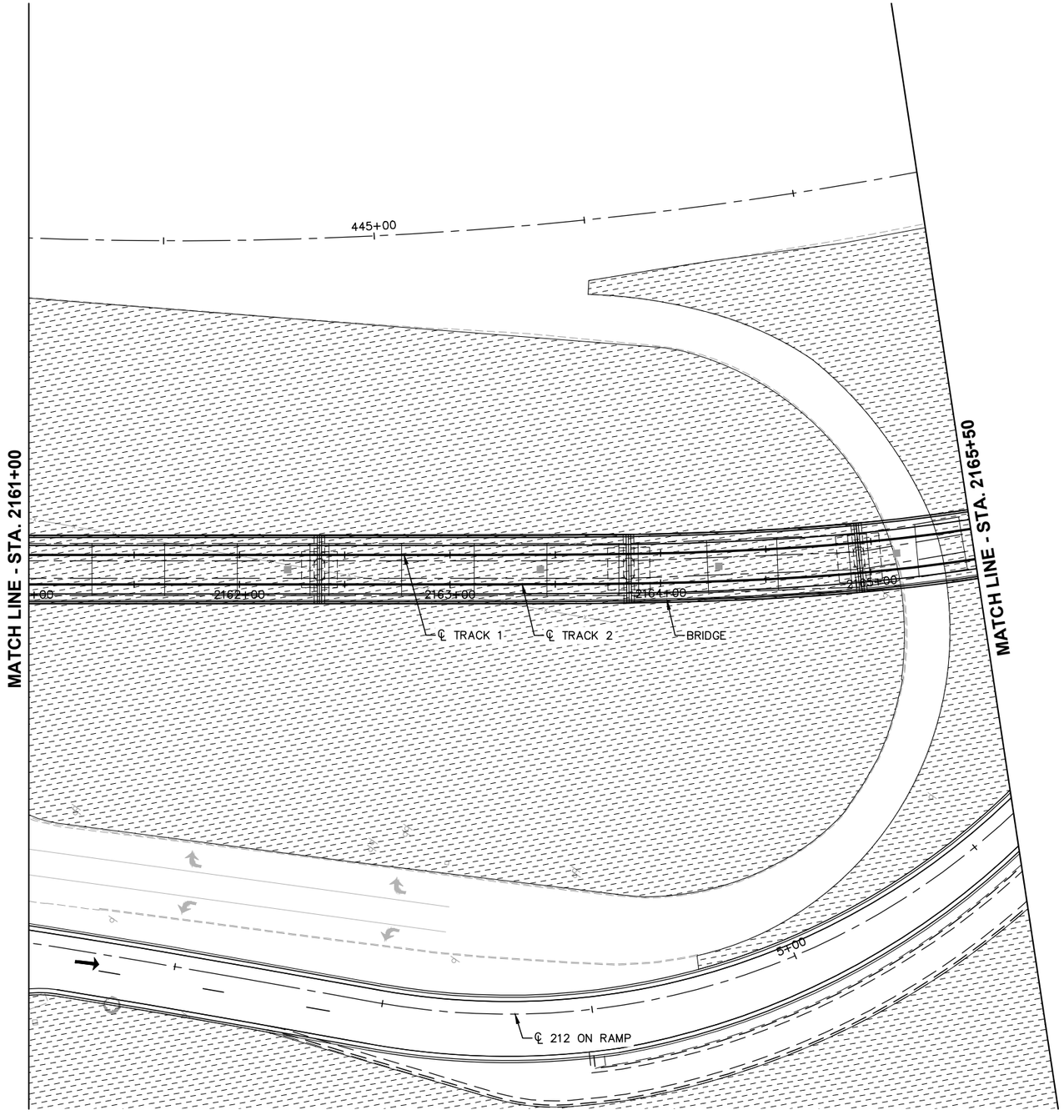
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2154+50 TO STA. 2161+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 013

SHEET 34 OF 316

Jan, 18 2016 08:41 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-COR-PLN.dwg By: akrzmarzick



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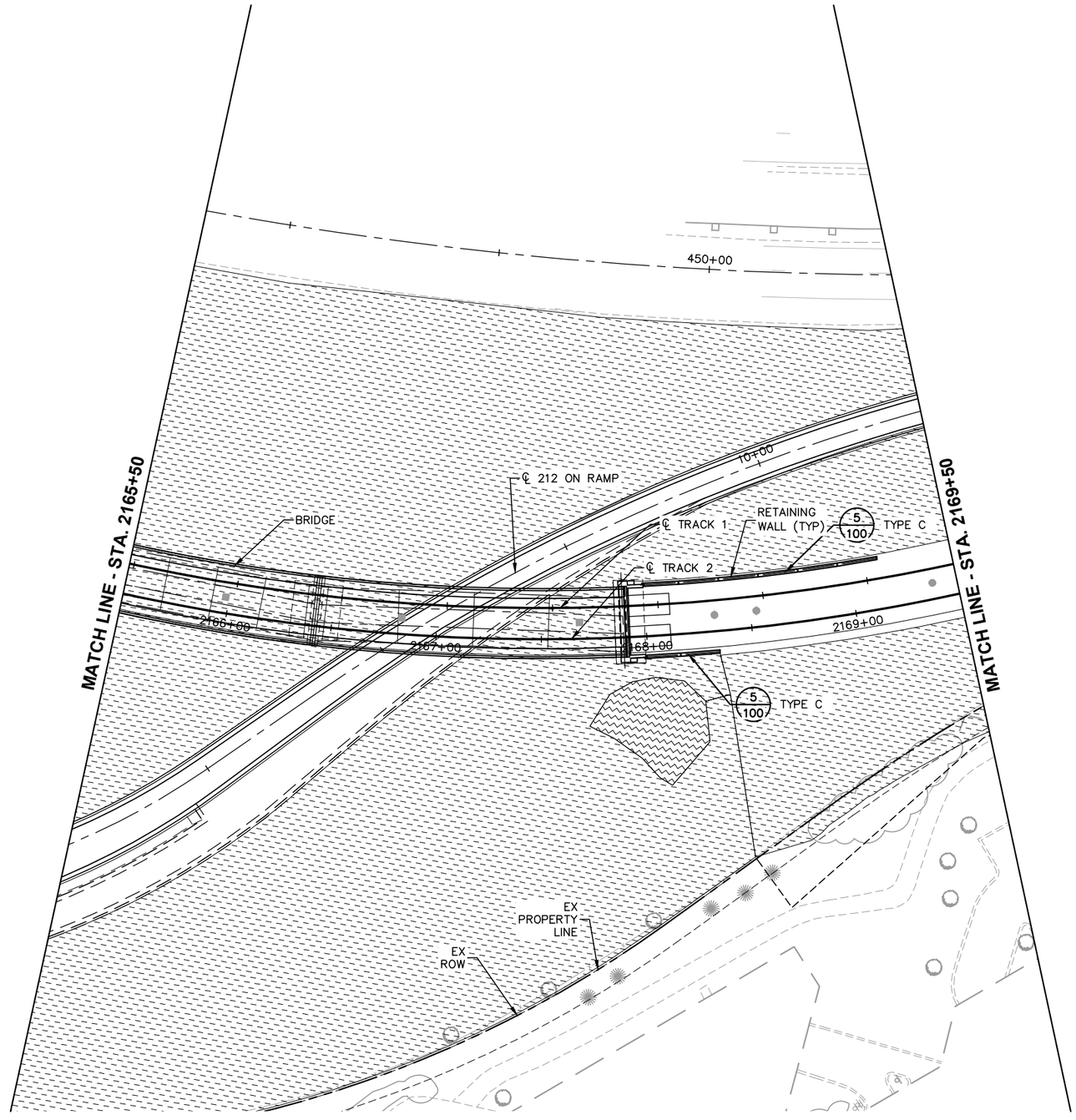
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2161+00 TO STA. 2165+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 014

SHEET 35 OF 316



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HORIZONTAL SCALE IN FEET

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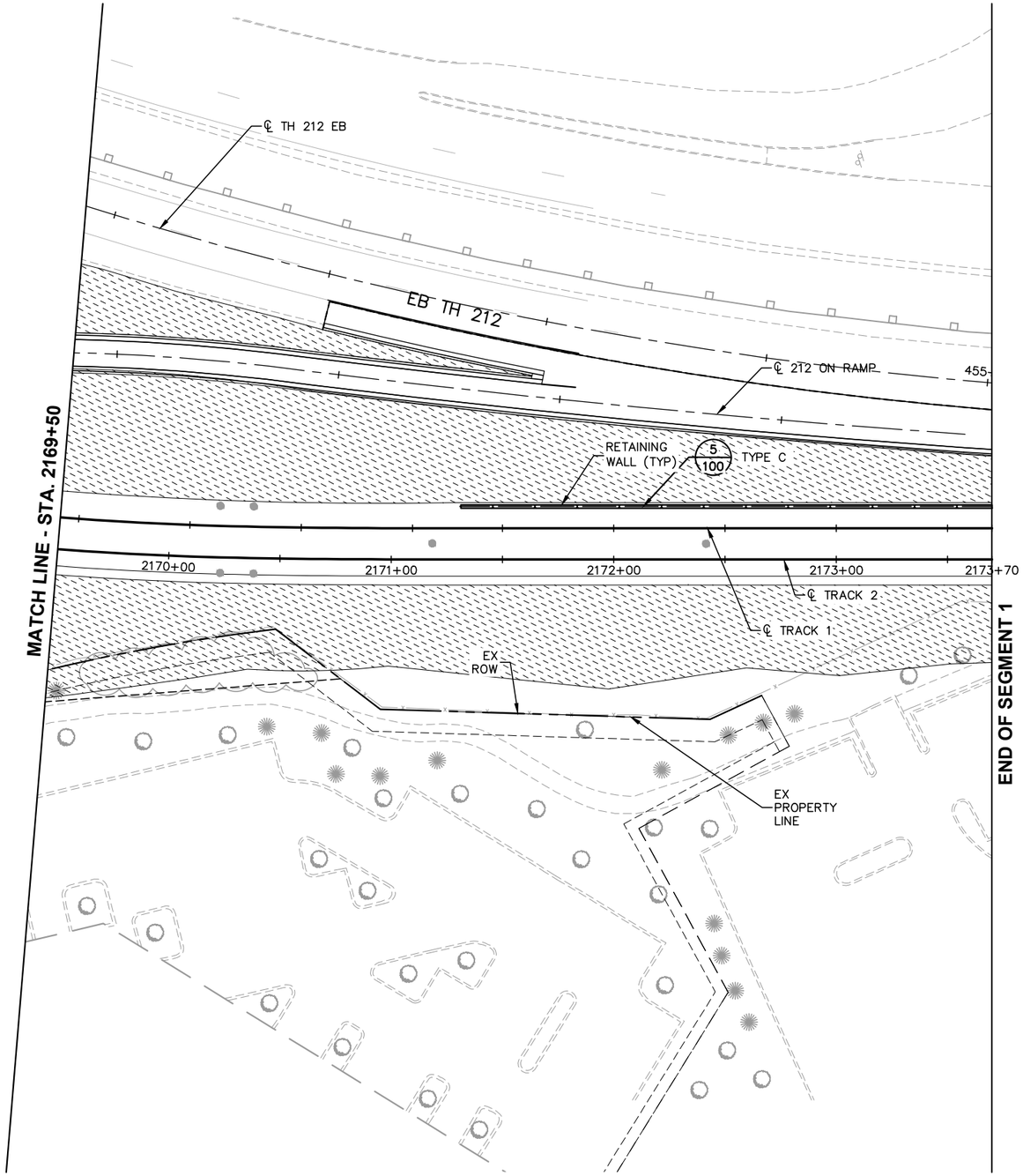
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2165+50 TO STA. 2169+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 015

SHEET 36 OF 316



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HORIZONTAL SCALE IN FEET

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

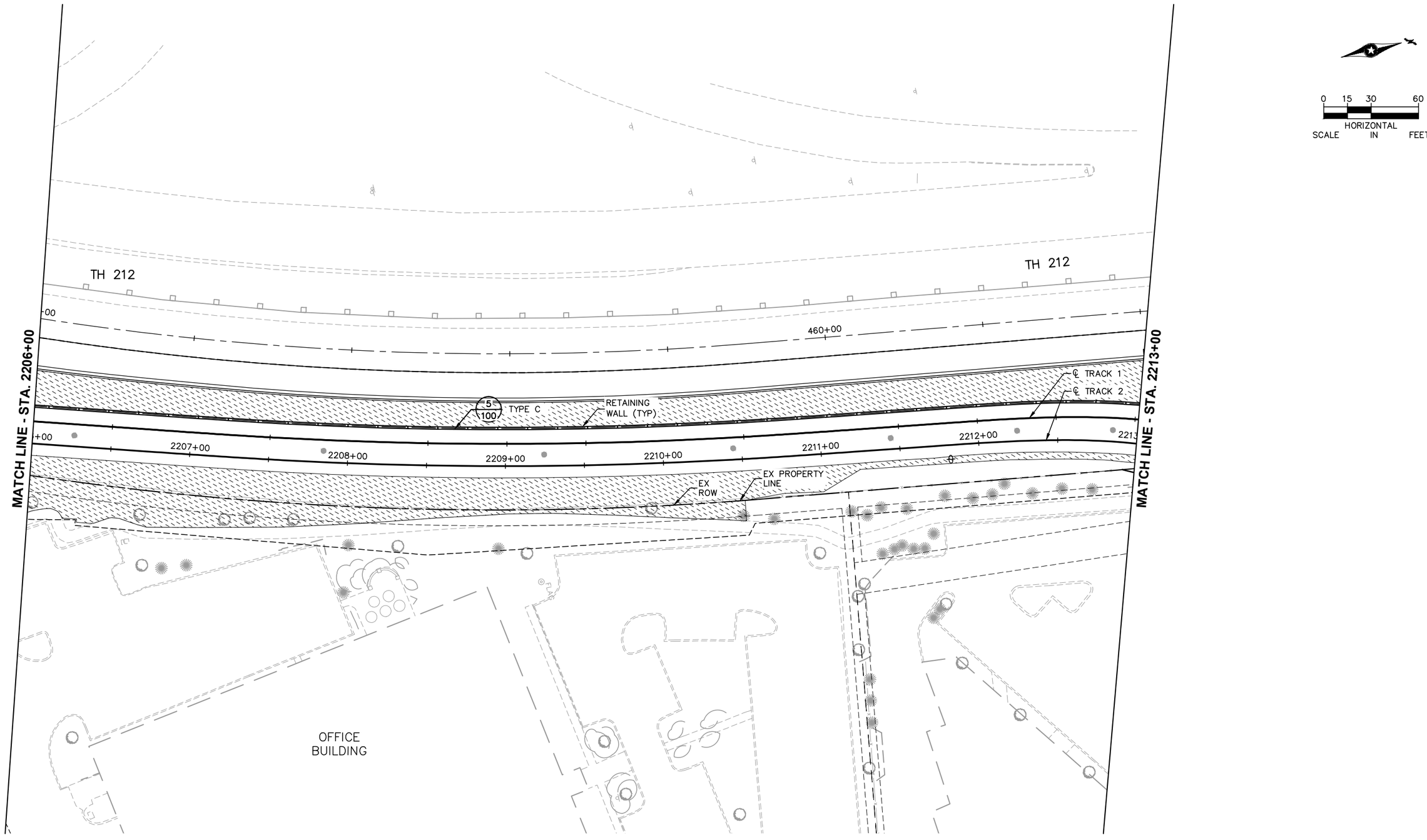
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2169+50 TO STA. 2173+70

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-COR-PLN - 016

SHEET 37 OF 316

Jan, 18 2016 08:43 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-COR-PLN.dwg By: akrzmarzick



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

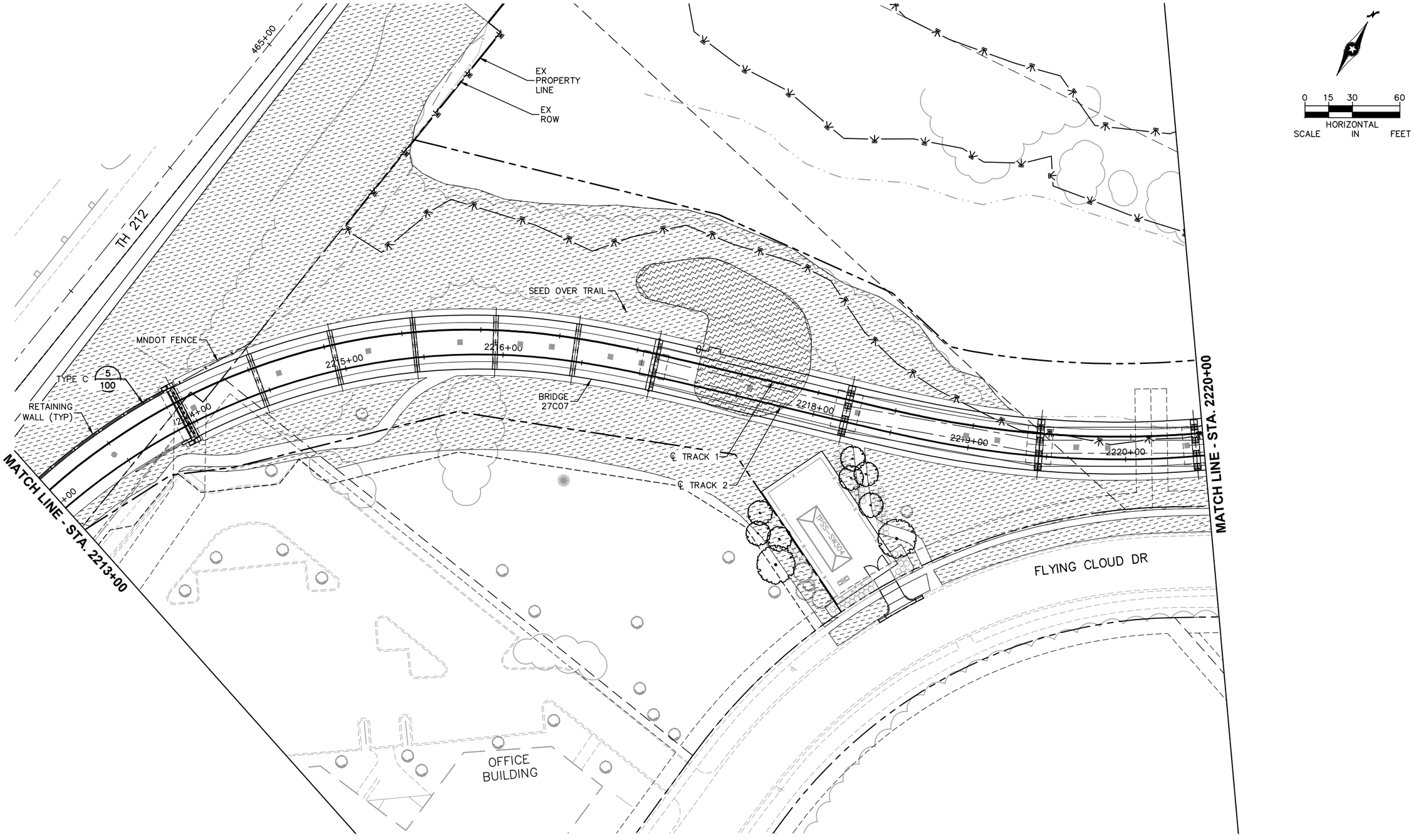
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2206+00 TO STA. 2213+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 001

SHEET 38 OF 316

Jan, 18 2016 08:45 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

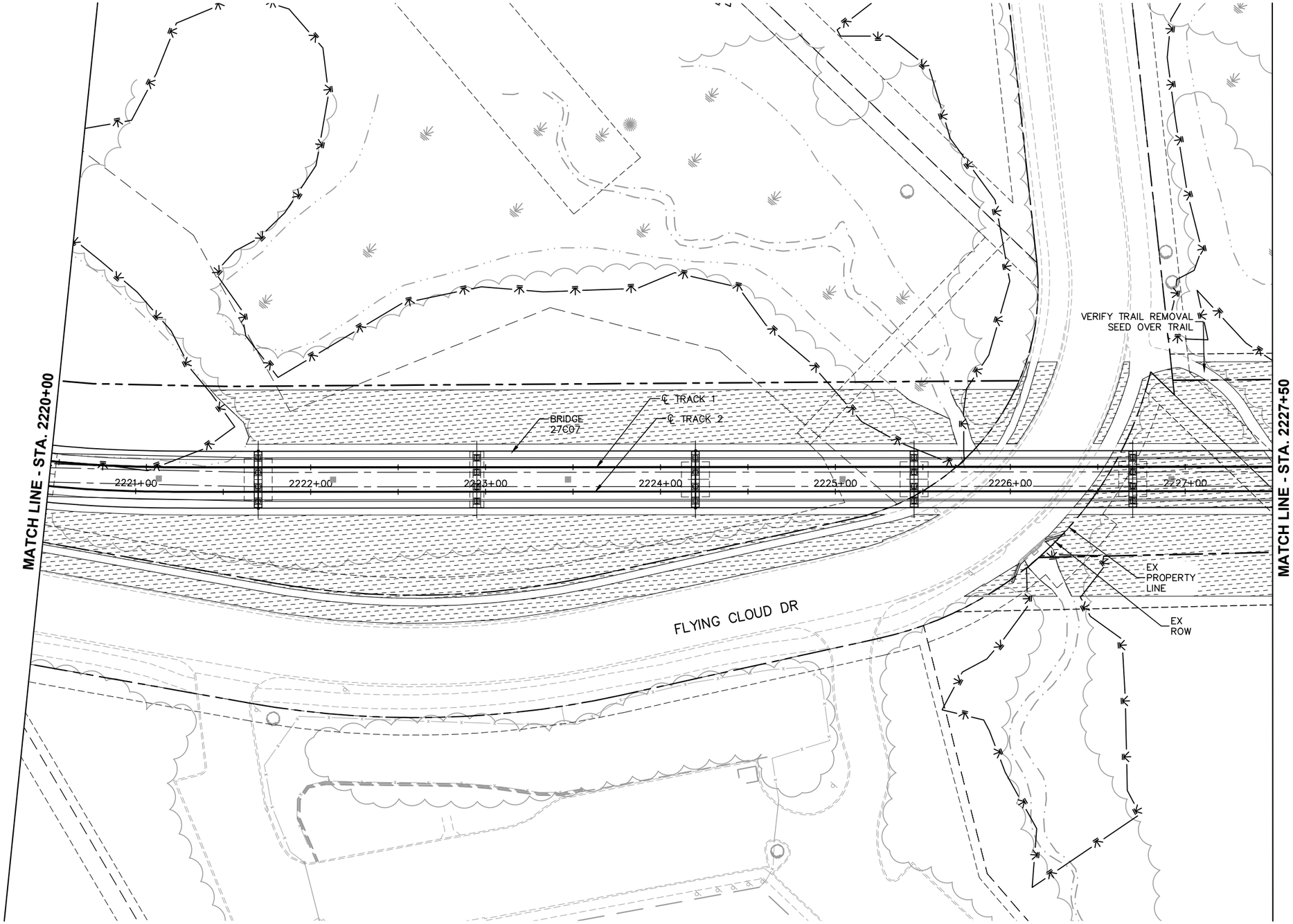
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2213+00 TO STA. 2220+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 002

SHEET 39 OF 316

Jan, 18 2016 08:45 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

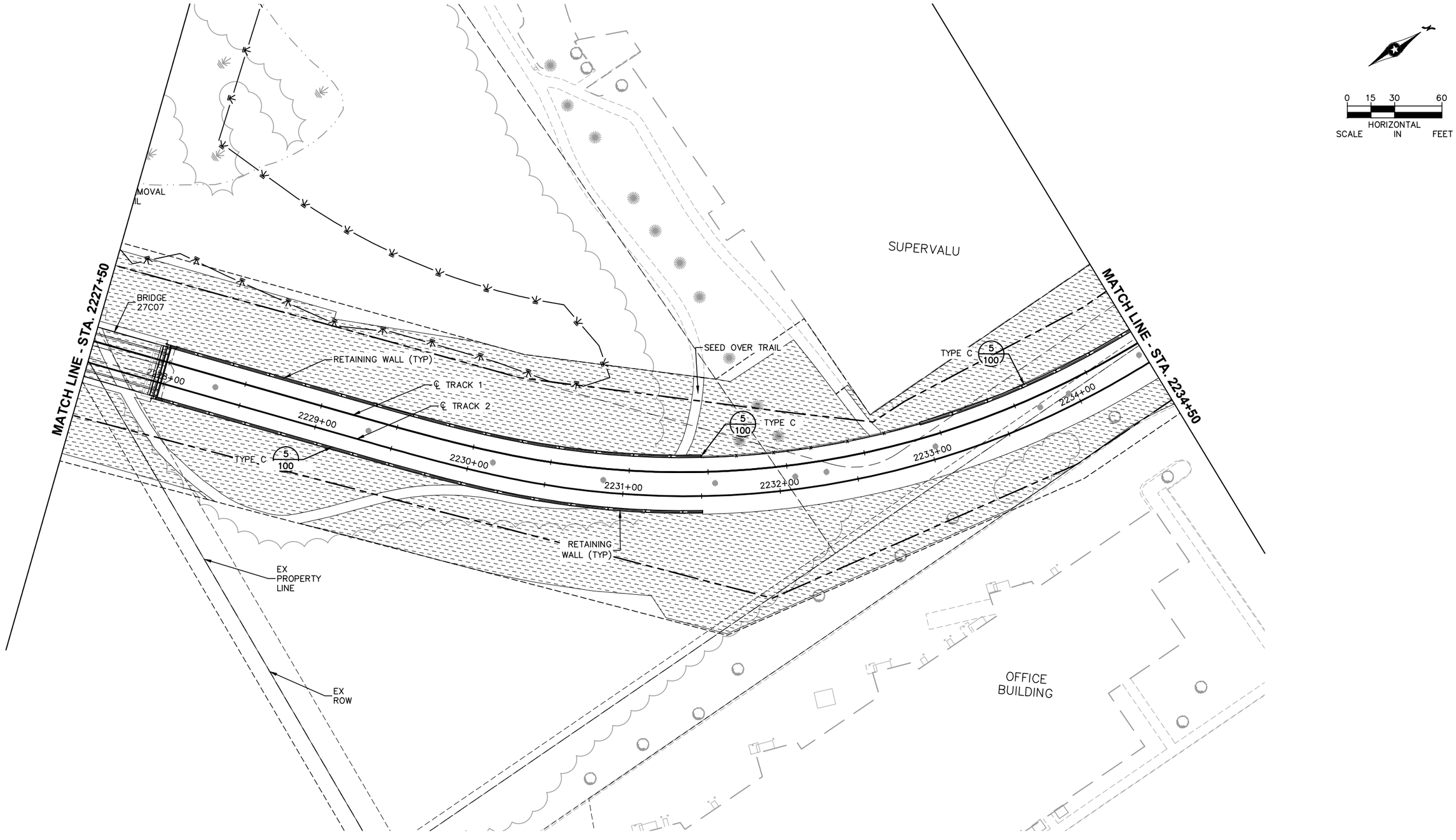
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2220+00 TO STA. 2227+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 003

SHEET 40 OF 316

Jan, 18 2016 08:45 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

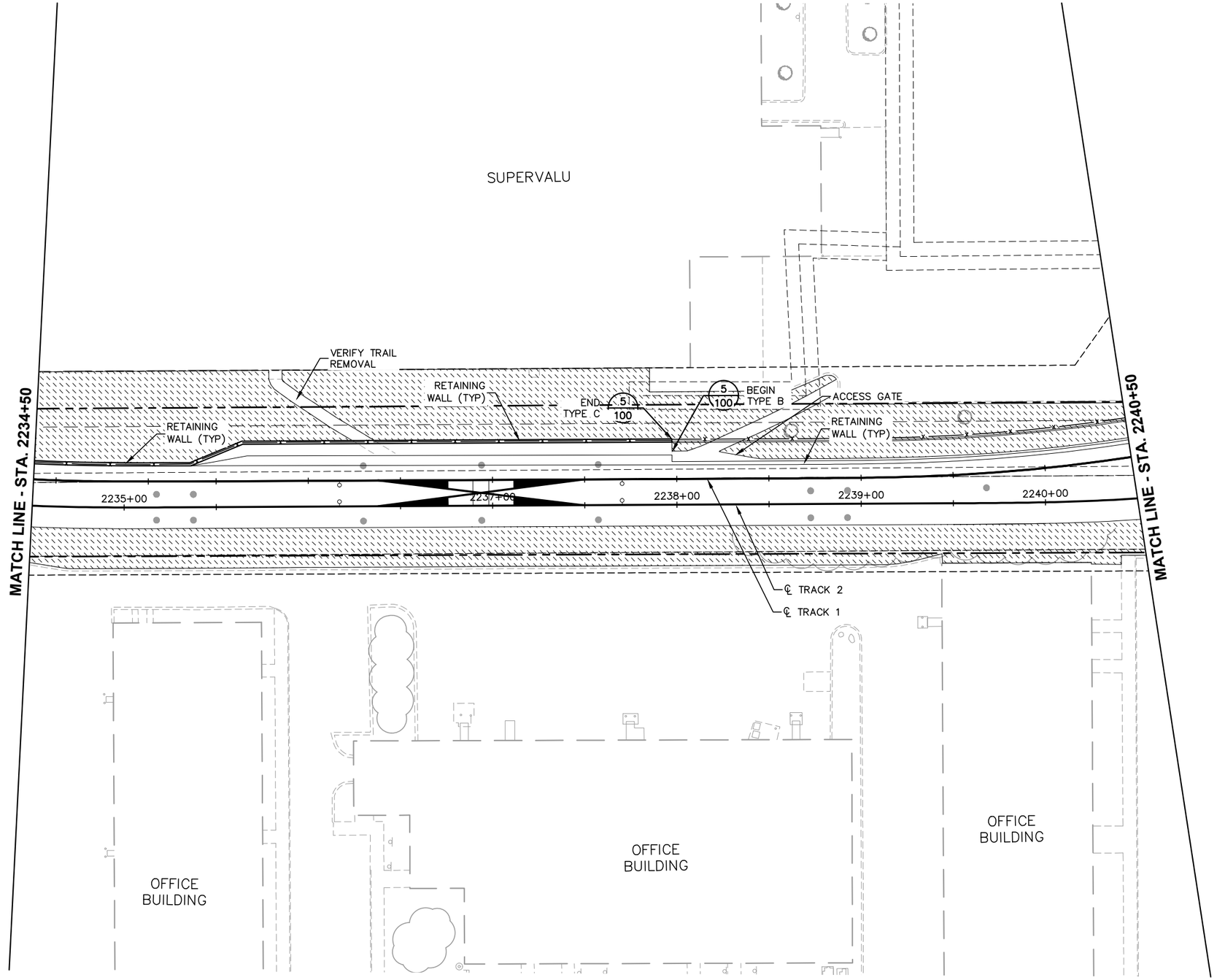
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2227+50 TO STA. 2234+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 004

SHEET 41 OF 316

Jan, 18 2016 08:46 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

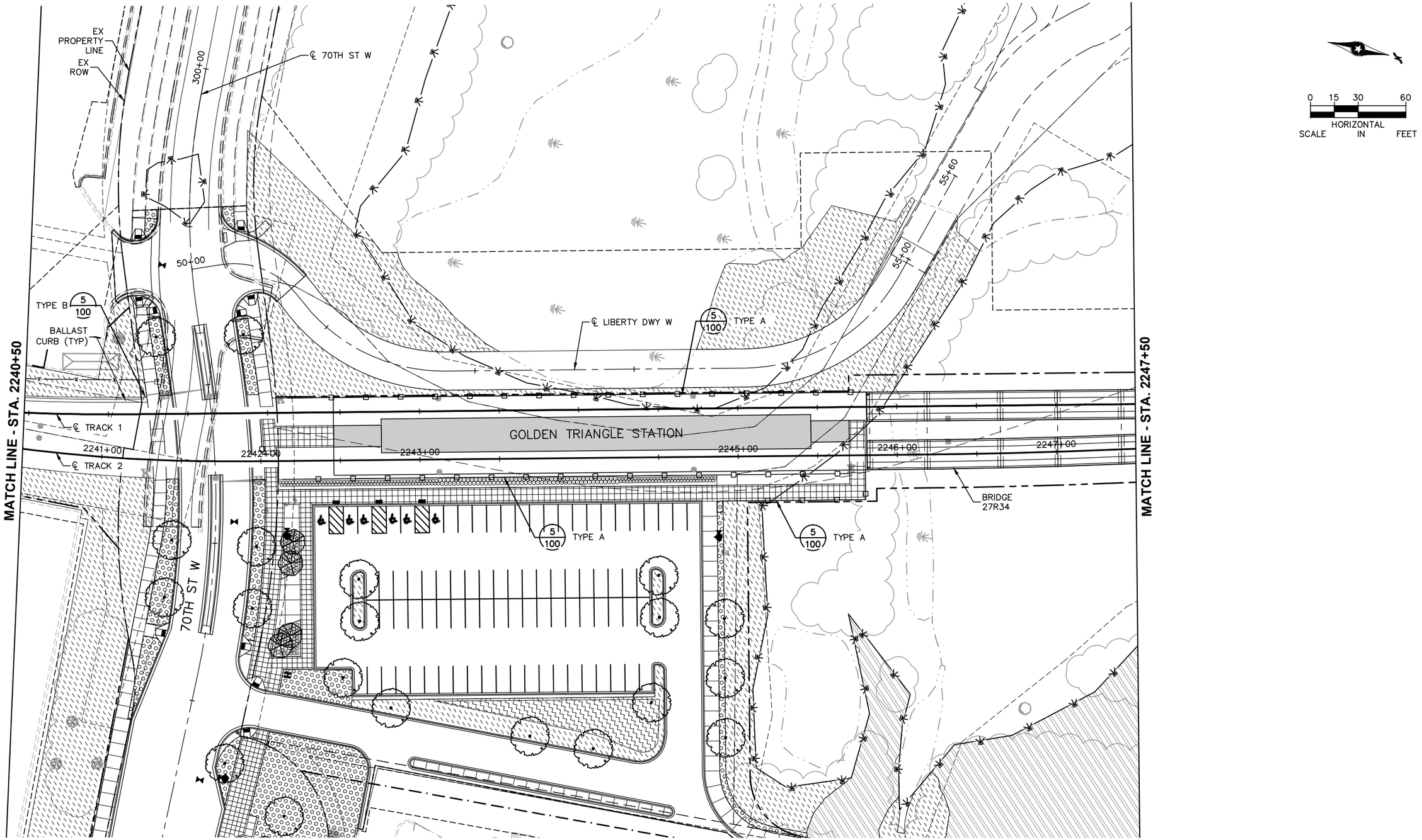
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2234+50 TO STA. 2240+50

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W2-LAN-COR-PLN - 005

SHEET 42 OF 316

Jan, 18 2016 08:46 am v:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

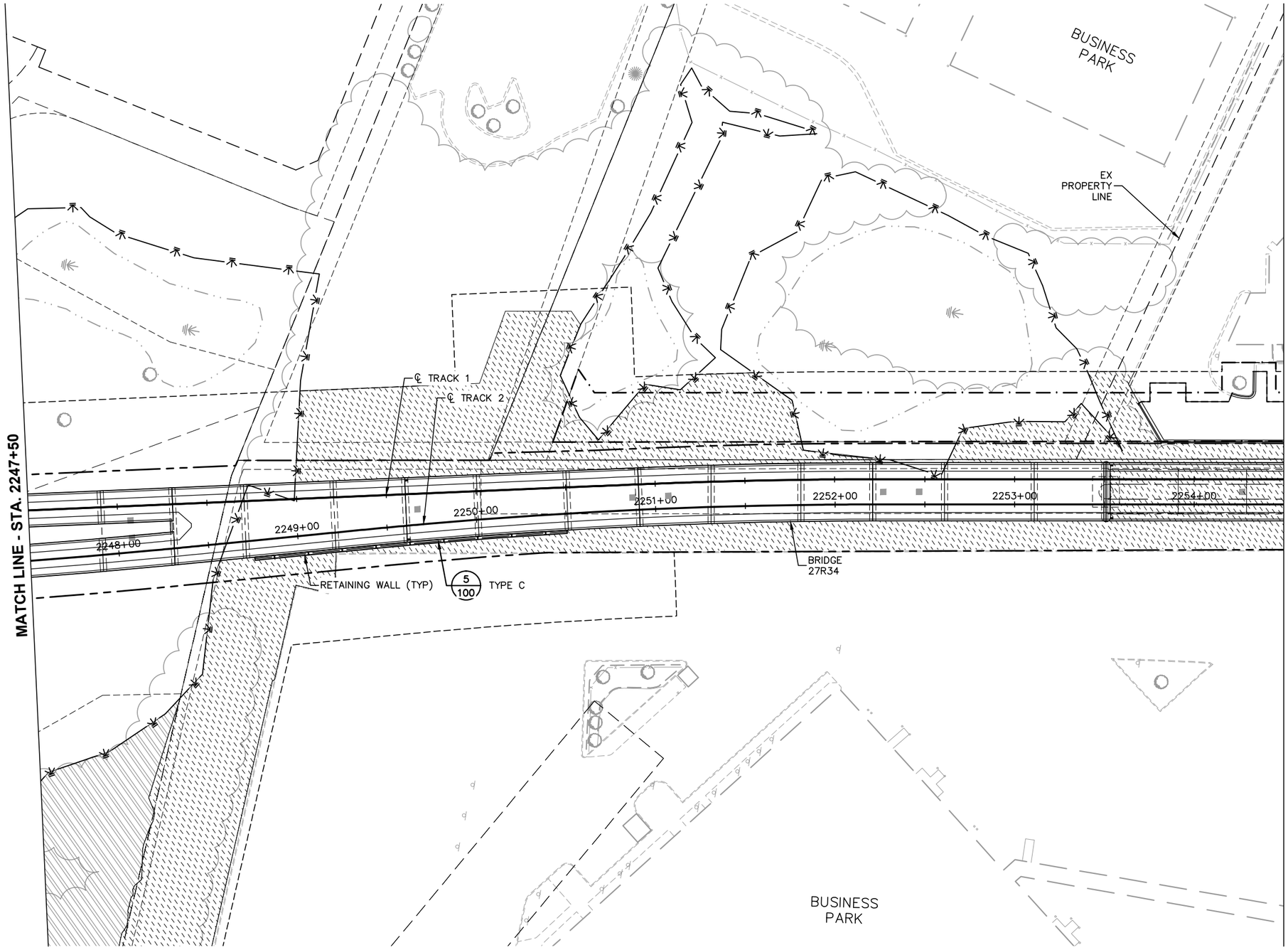
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2240+50 TO STA. 2247+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 006

SHEET 43 OF 316

Jan, 18 2016 08:47 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

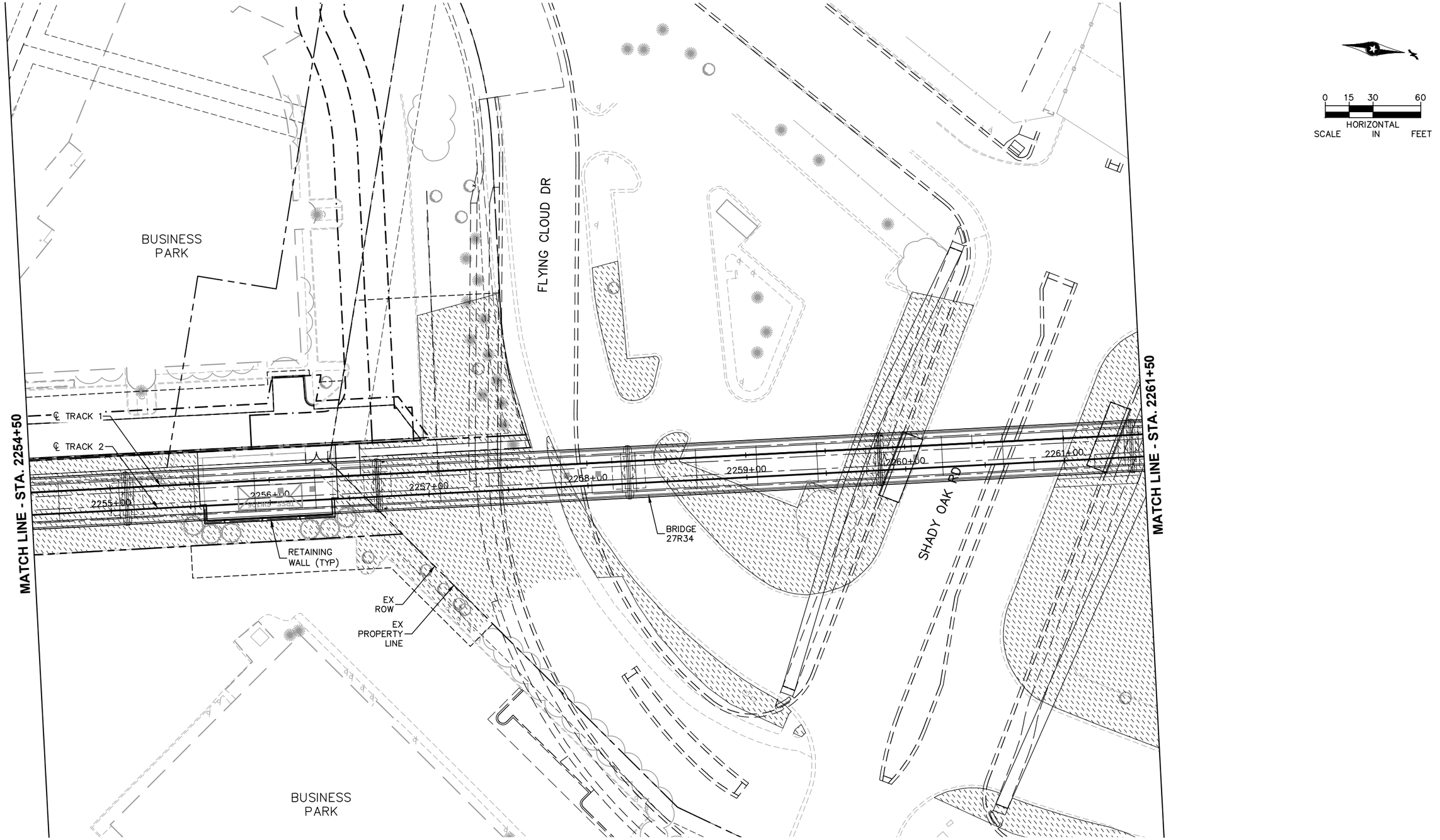
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2247+50 TO STA. 2254+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 007

SHEET 44 OF 316

Jan, 18 2016 08:47 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: okrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

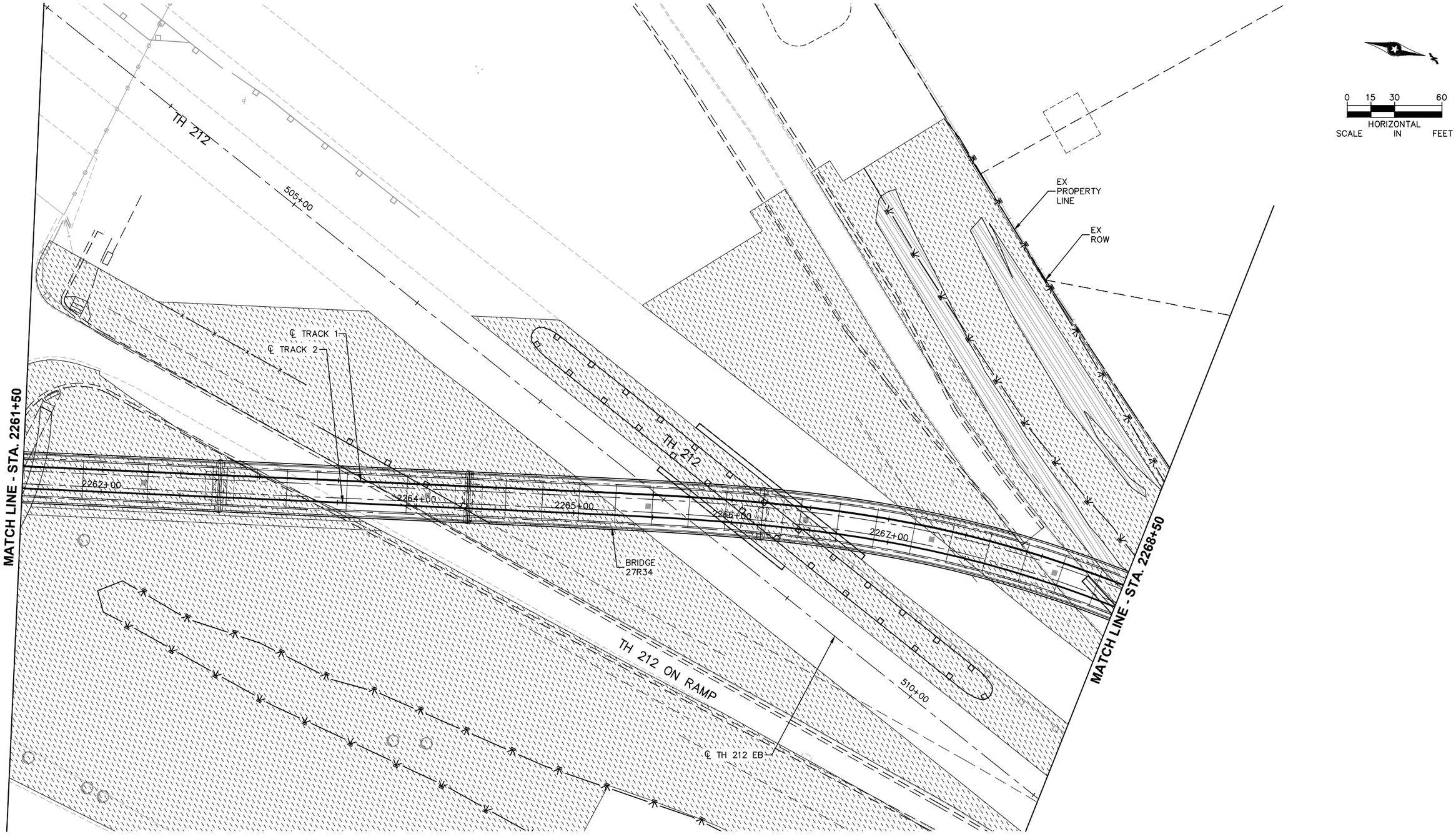
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2254+50 TO STA. 2261+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 008

SHEET 45 OF 316

Jan, 18 2016 08:48 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: dkrzmarzick



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

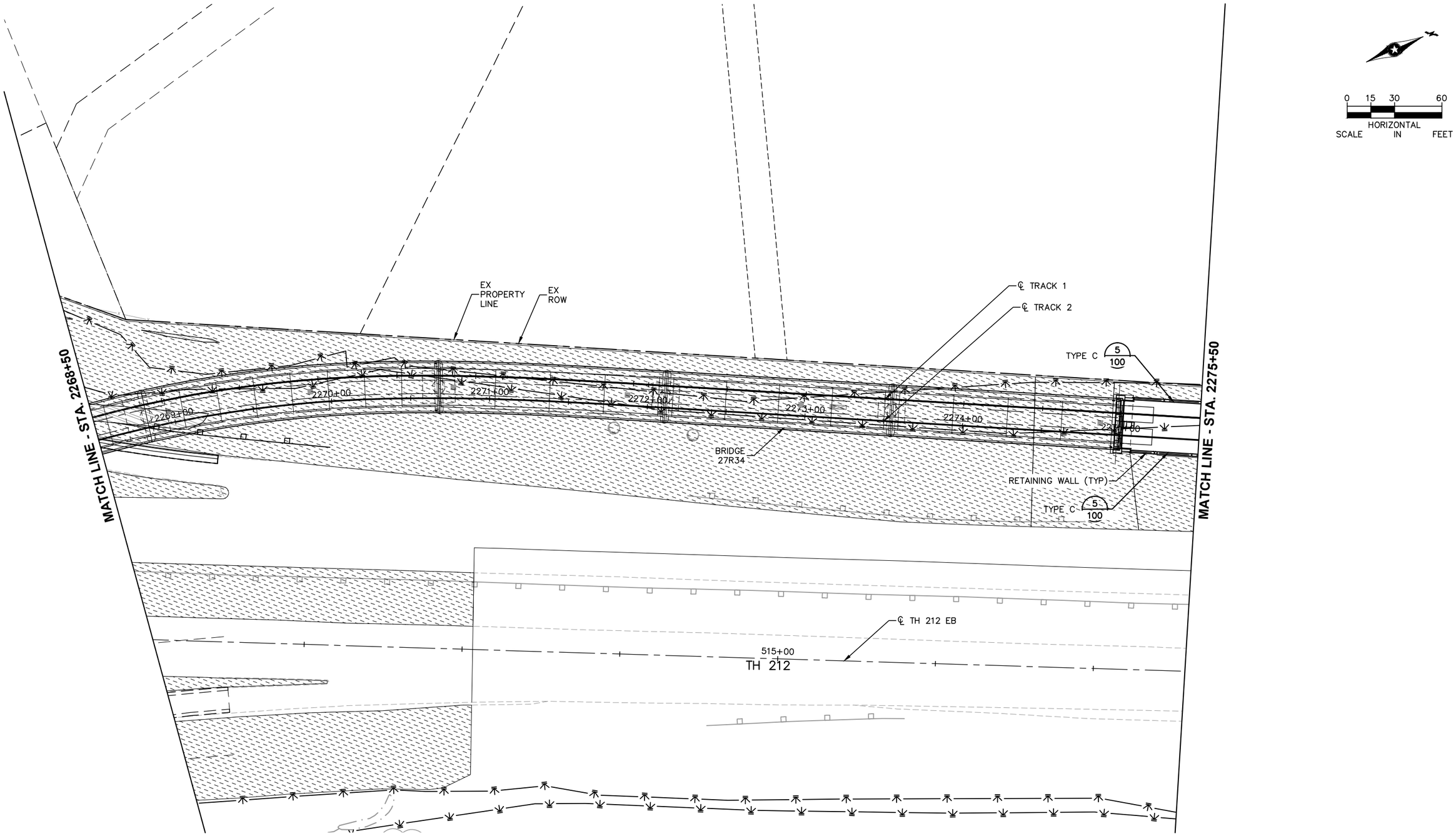
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2261+50 TO STA. 2268+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 009

SHEET 46 OF 316

Jan, 18 2016 08:48 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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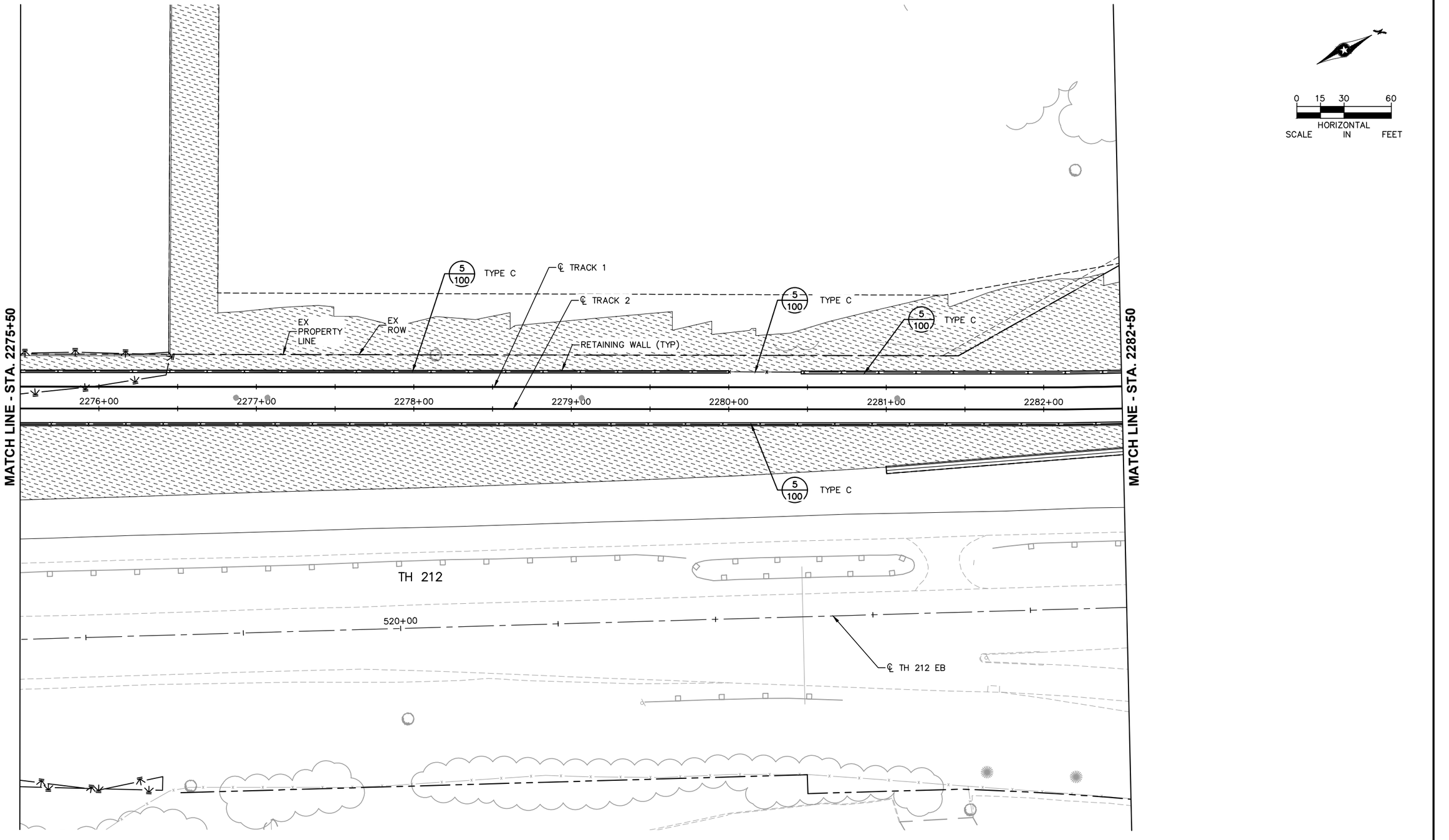
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2268+50 TO STA. 2275+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 010

SHEET 47 OF 316



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

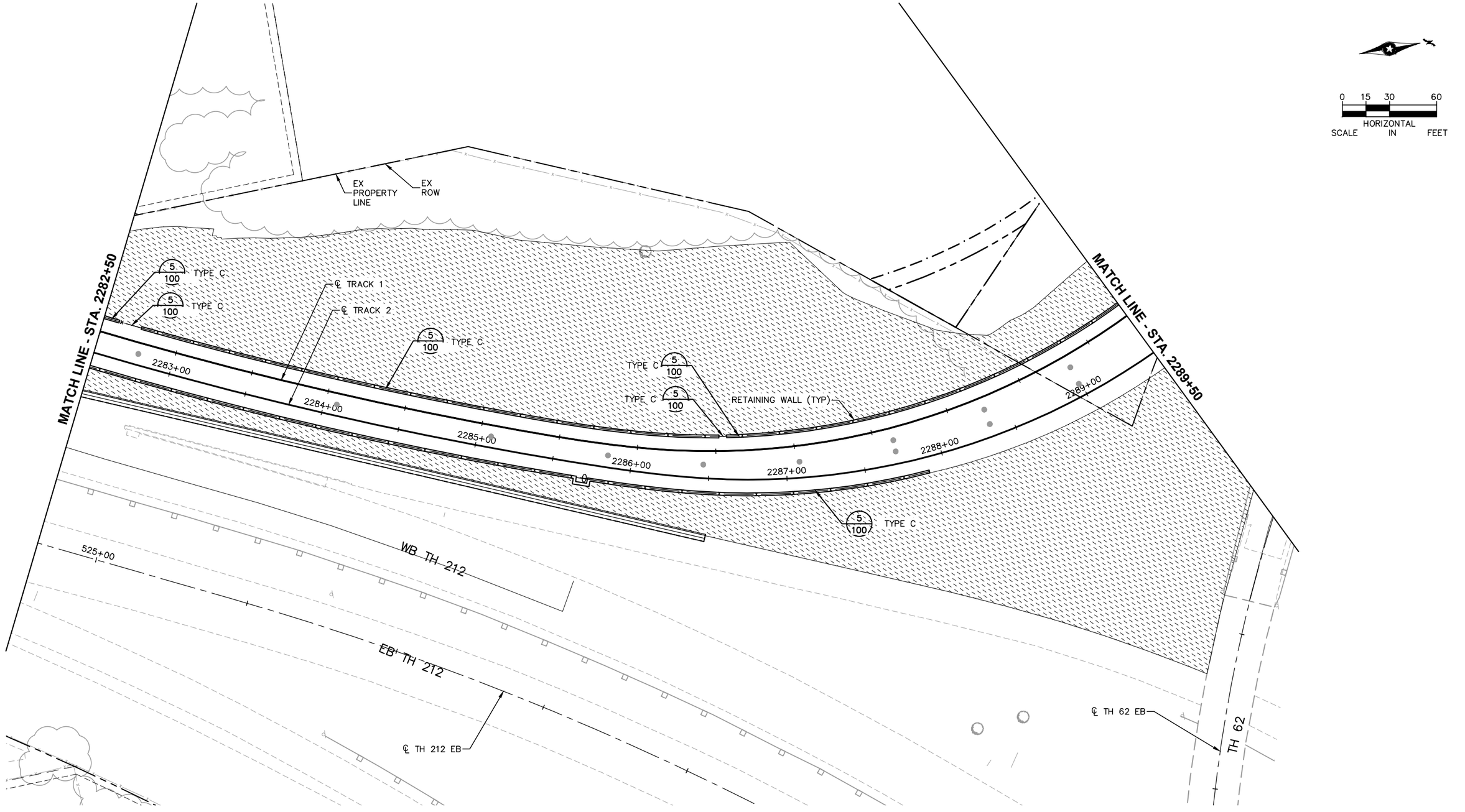
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2275+50 TO STA. 2282+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 011

SHEET 48 OF 316

Jan, 18 2016 08:49 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

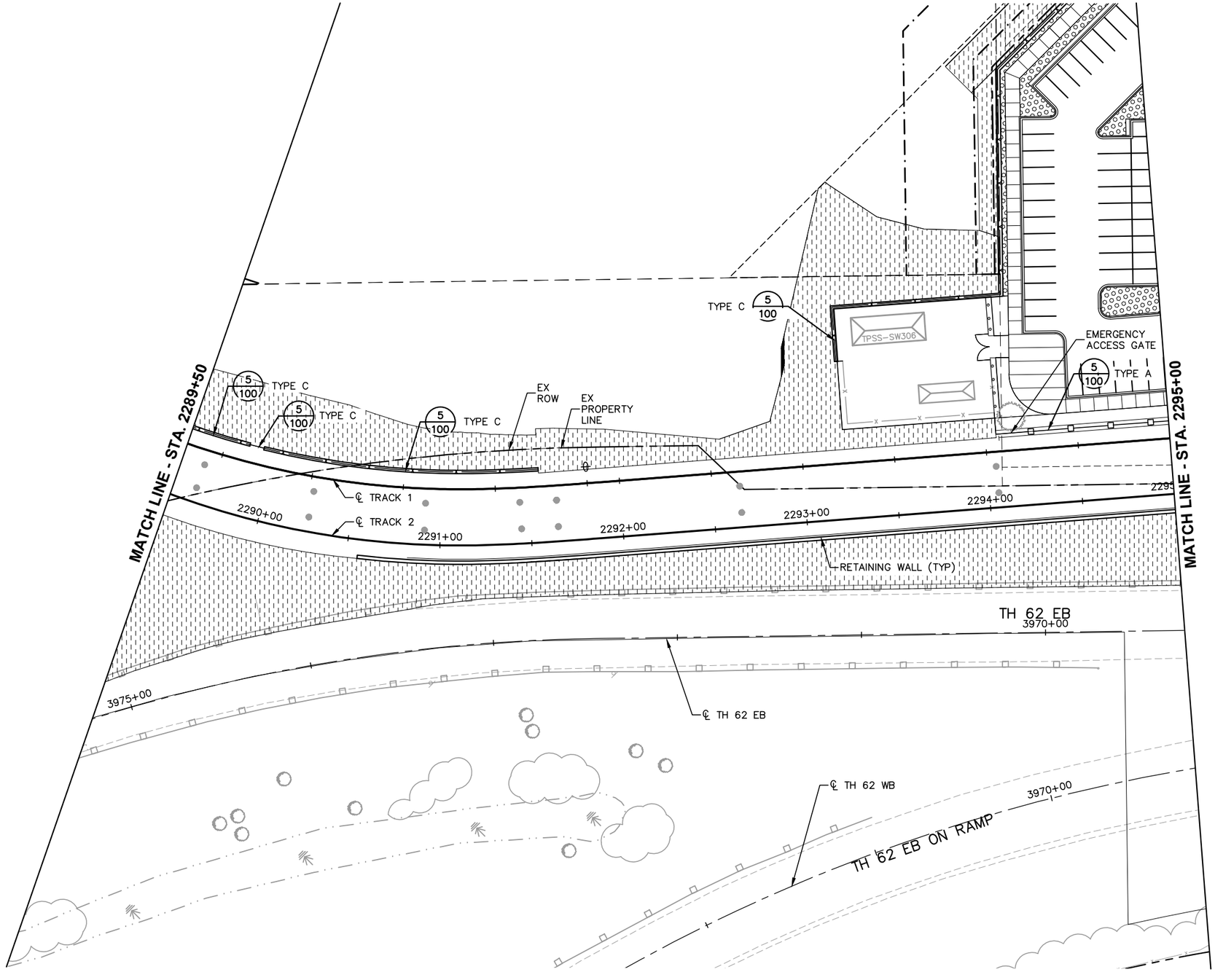
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2282+50 TO STA. 2289+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 012

SHEET 49 OF 316

Jan, 18 2016 08:50 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

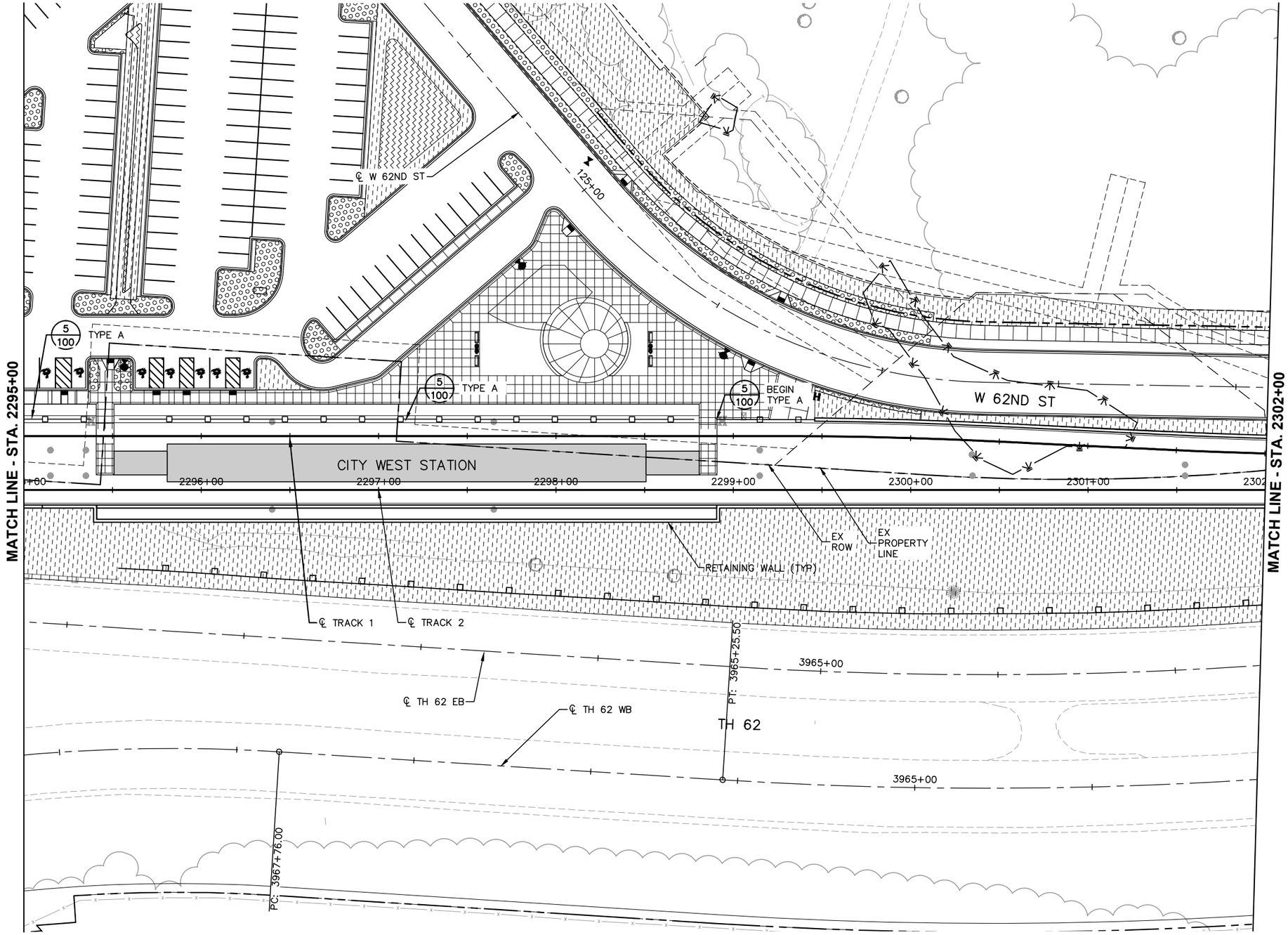
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2289+50 TO STA. 2295+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 013

SHEET 50 OF 316

Jan, 18 2016 08:50 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: akrzmarzick



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SCALE IN FEET

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AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

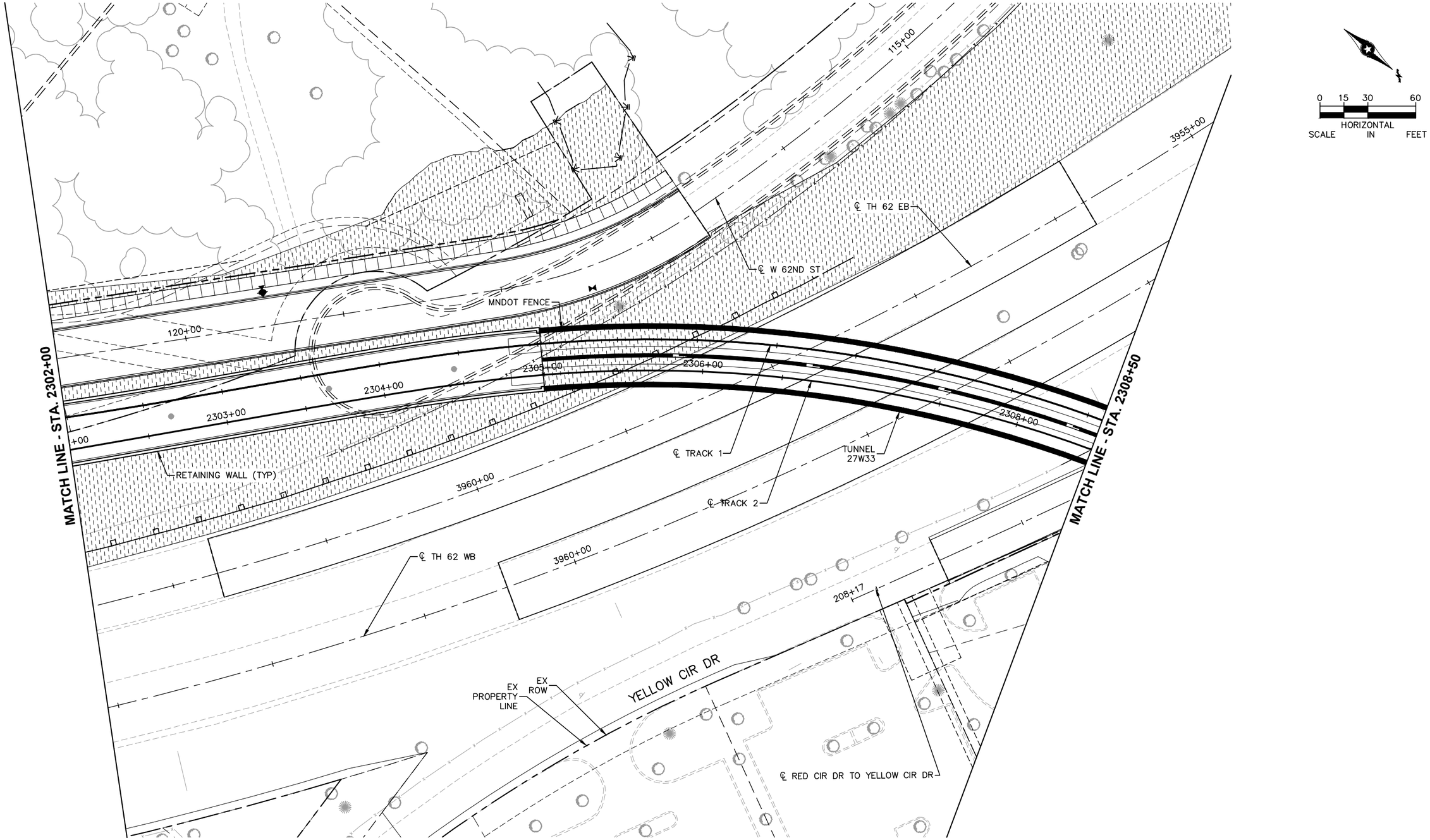
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2295+00 TO STA. 2302+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 014

SHEET 51 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

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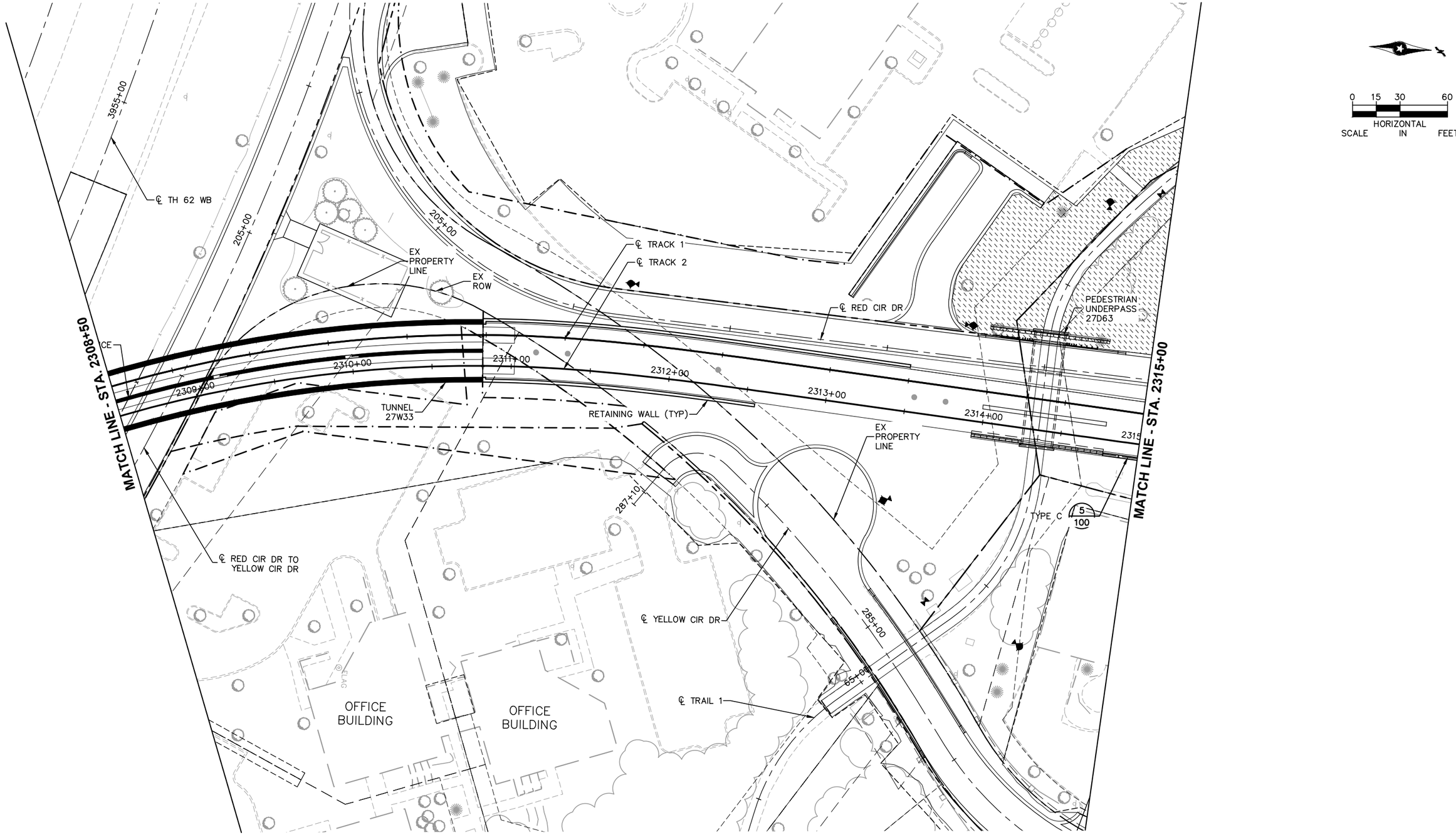
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2302+00 TO STA. 2308+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 015

SHEET 52 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

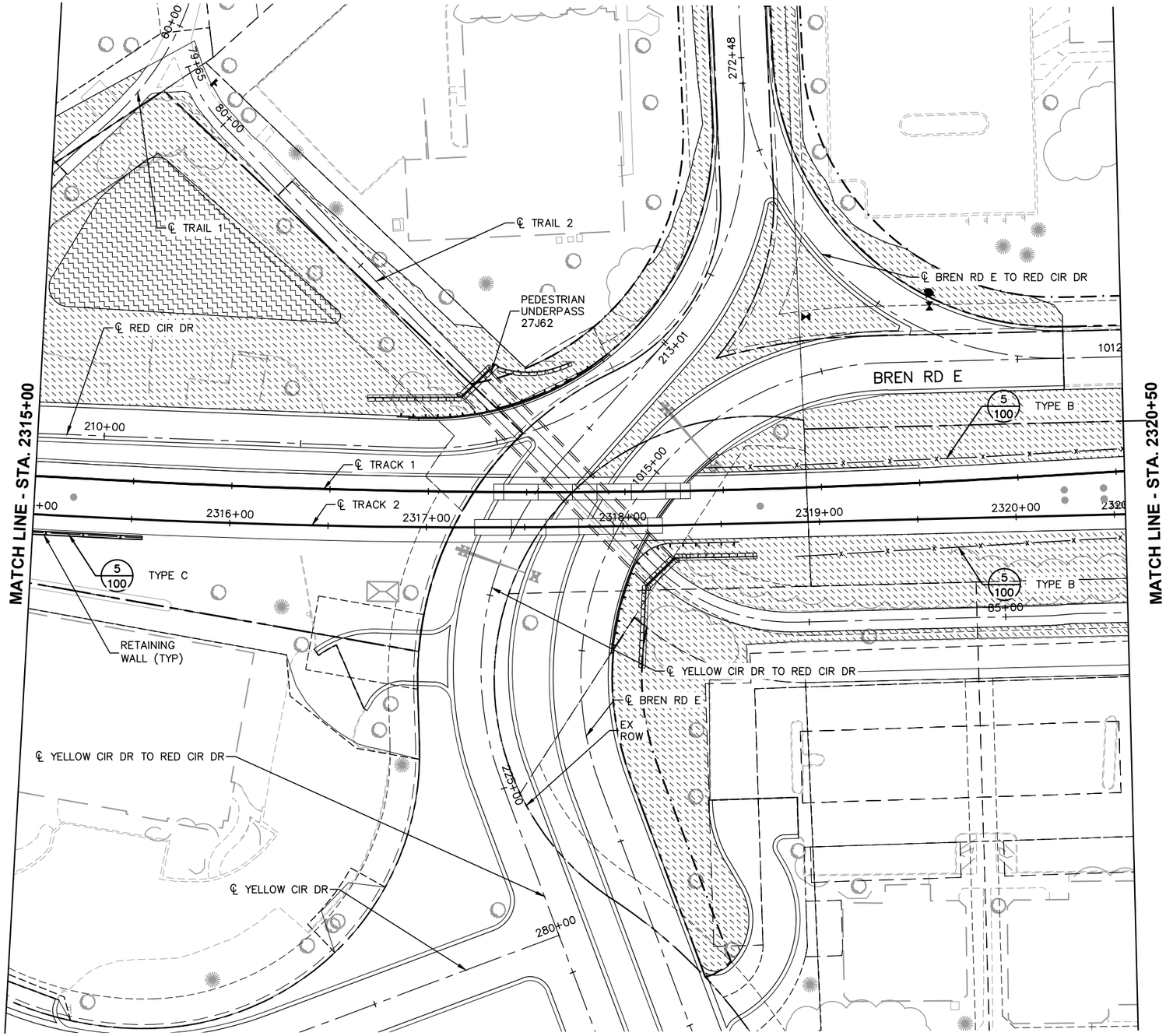
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2308+50 TO STA. 2315+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 016

SHEET 53 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

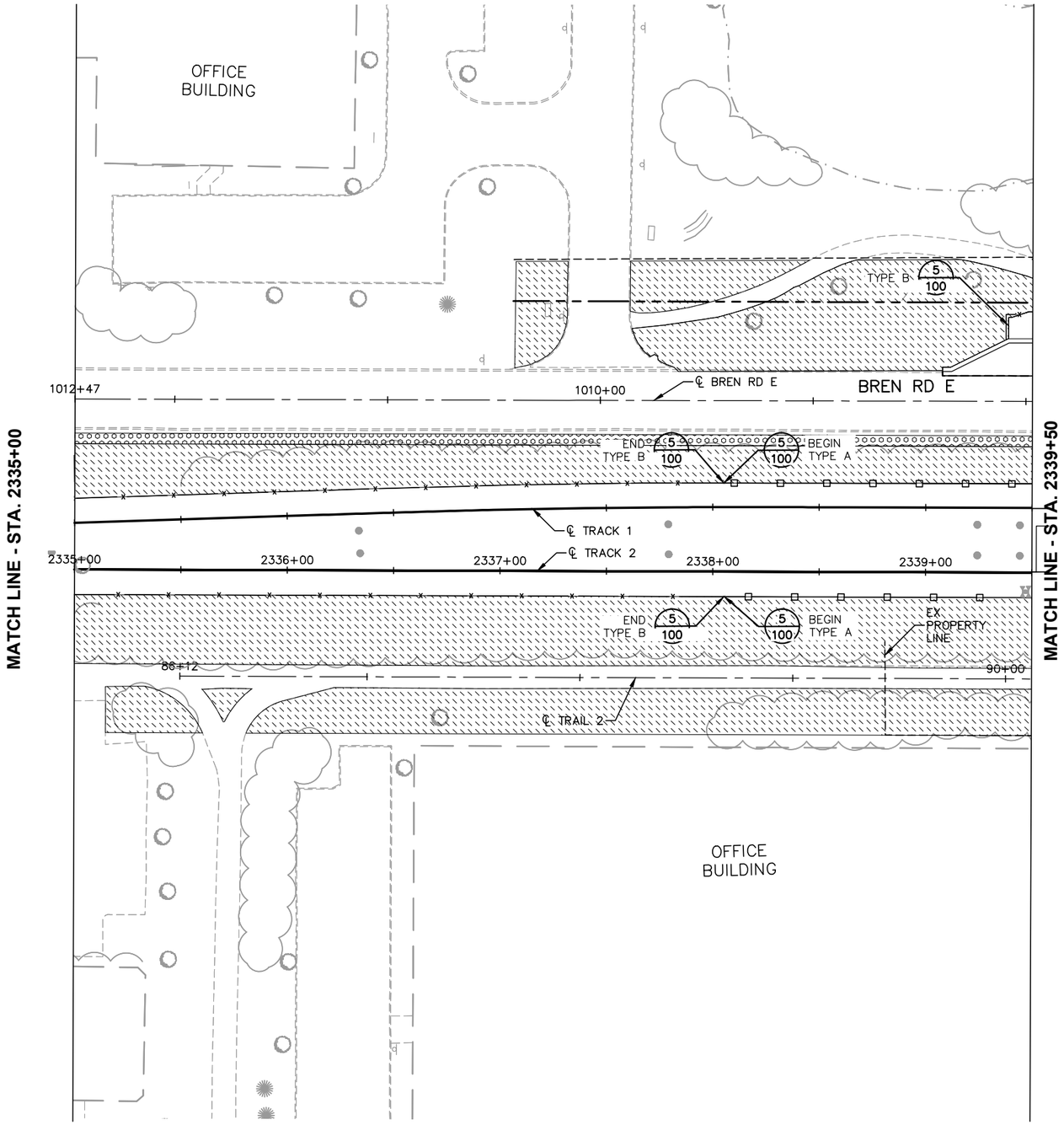
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2315+00 TO STA. 2320+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-COR-PLN - 017

SHEET 54 OF 316

Jan, 18 2016 08:52 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-COR-PLN.dwg By: dkrzmarzick



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

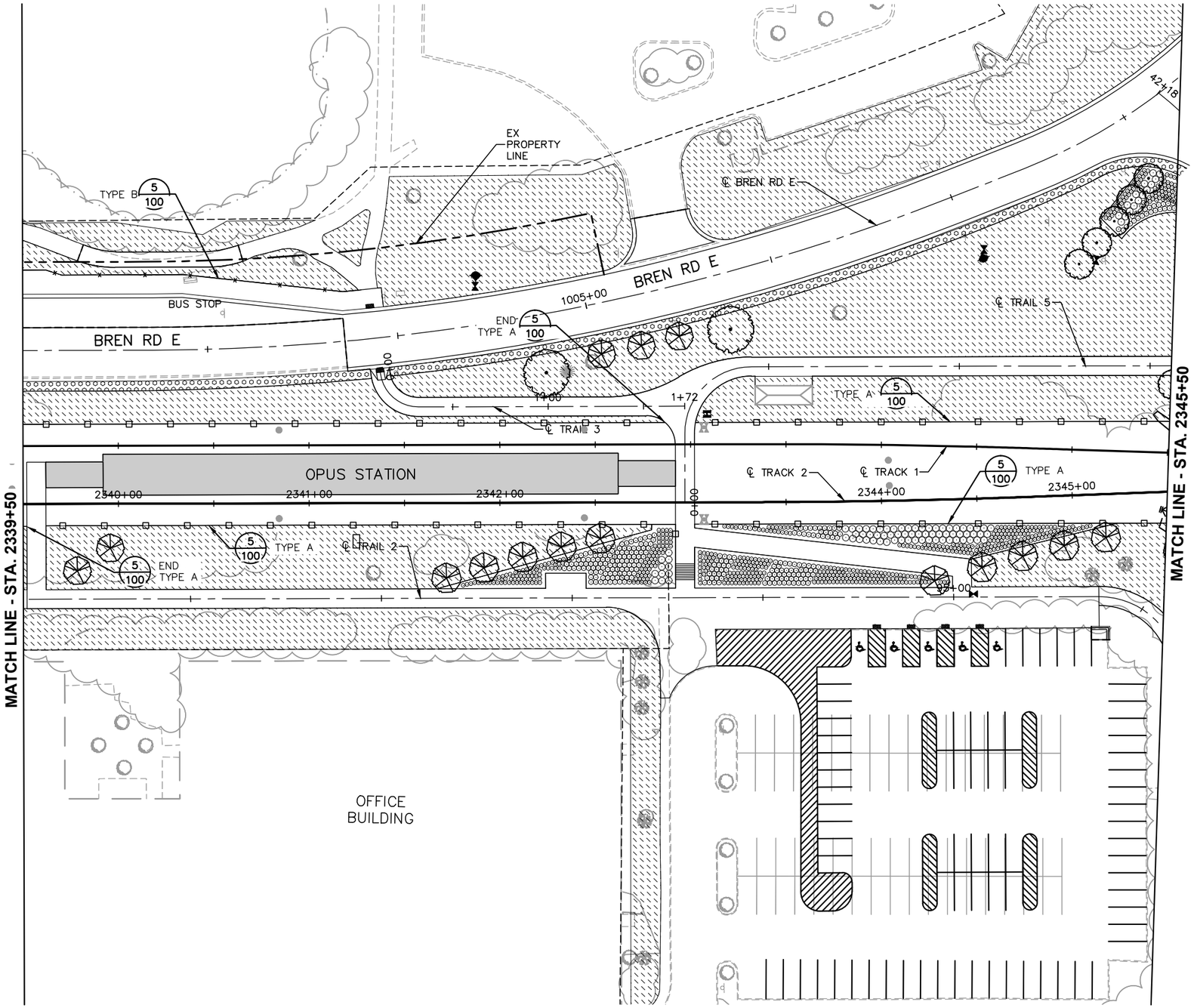
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2335+00 TO STA. 2339+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 001

SHEET 55 OF 316

Jan, 18 2016 08:55 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



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SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2339+50 TO STA. 2345+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 002

SHEET 56 OF 316

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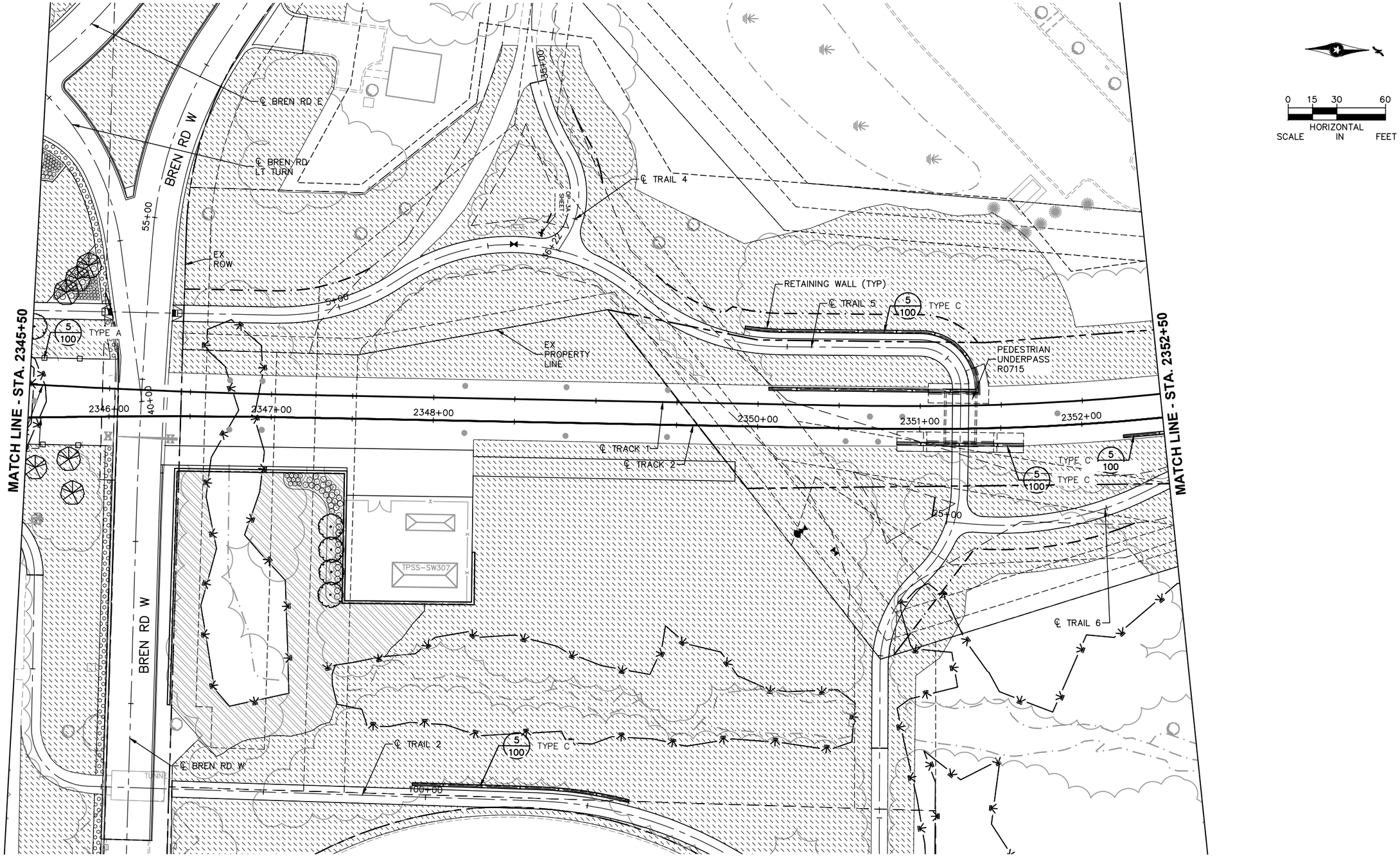

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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

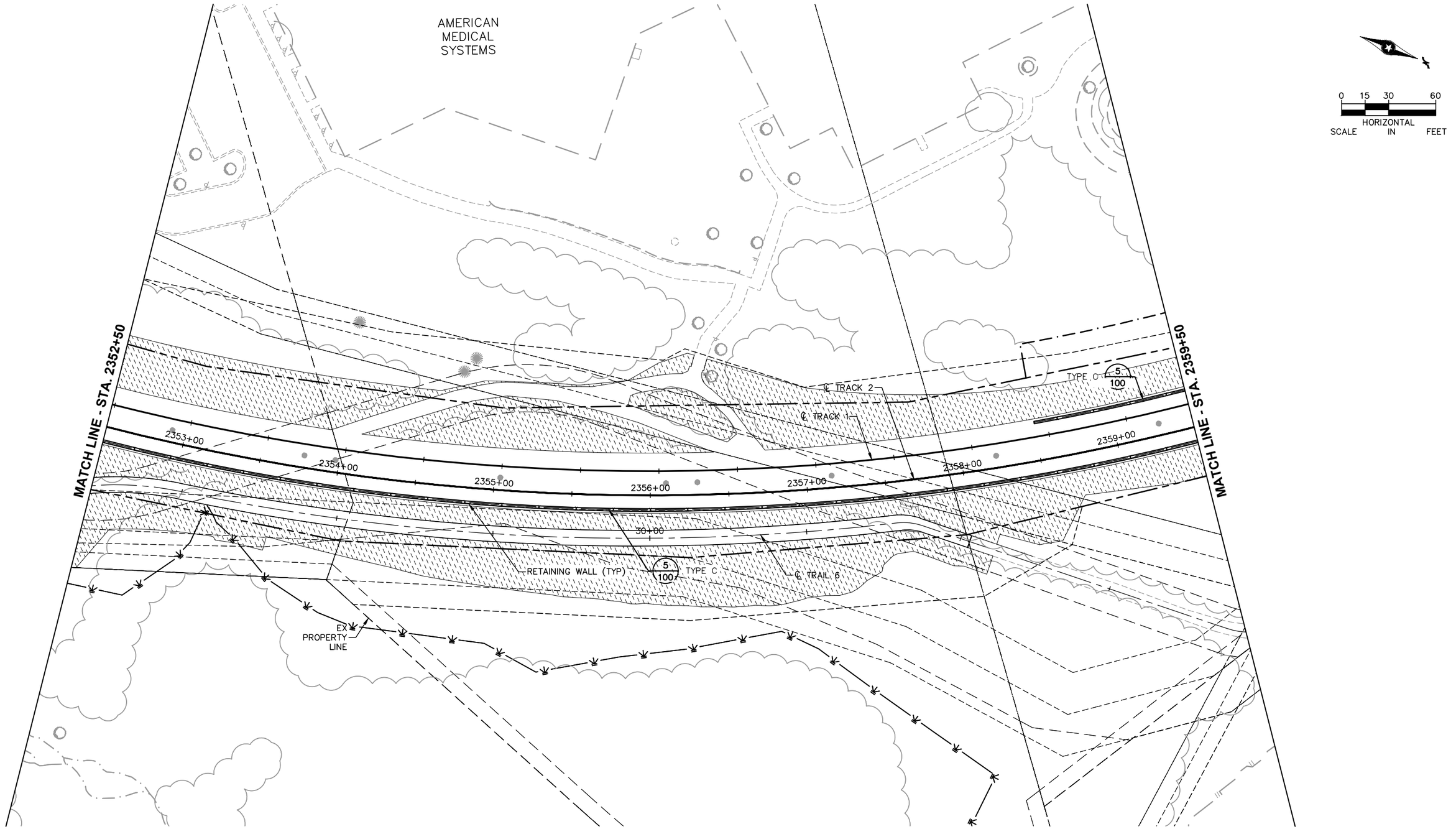
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2345+50 TO STA. 2352+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 003

SHEET 57 OF 316

Jan. 18 2016 08:57 am v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

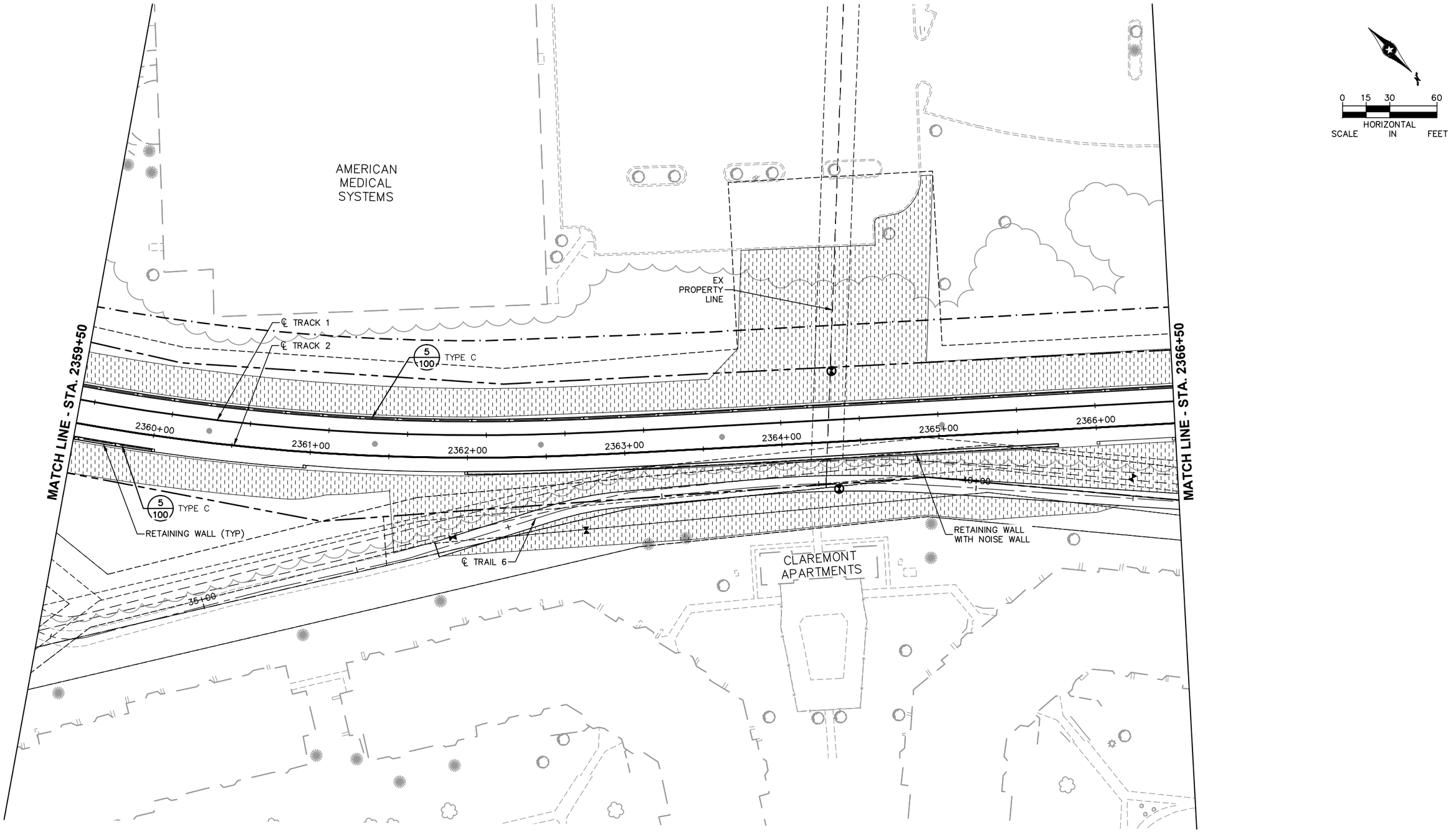
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2352+50 TO STA. 2359+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 004

SHEET 58 OF 316

Jan, 18 2016 08:58 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2359+50 TO STA. 2366+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 005

SHEET 59 OF 316

WUNDERLICH–MALEC

EMERGENCY PHYSICIANS PRO ASSOCIATION

EX PROPERTY LINE

℄ TRACK 1

℄ TRACK 2

5/100 TYPE C

RETAINING WALL (TYP)

MATCH LINE - STA. 2366+50

2367+00

2368+00

2369+00

2370+00

2371+00

2372+00

2373+00

MATCH LINE - STA. 2373+50

45+00

℄ TRAIL 6

CLAREMONT APARTMENTS

CLAREMONT APARTMENTS

0 15 30 60

HORIZONTAL SCALE IN FEET

Jan, 18 2016 08:59 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

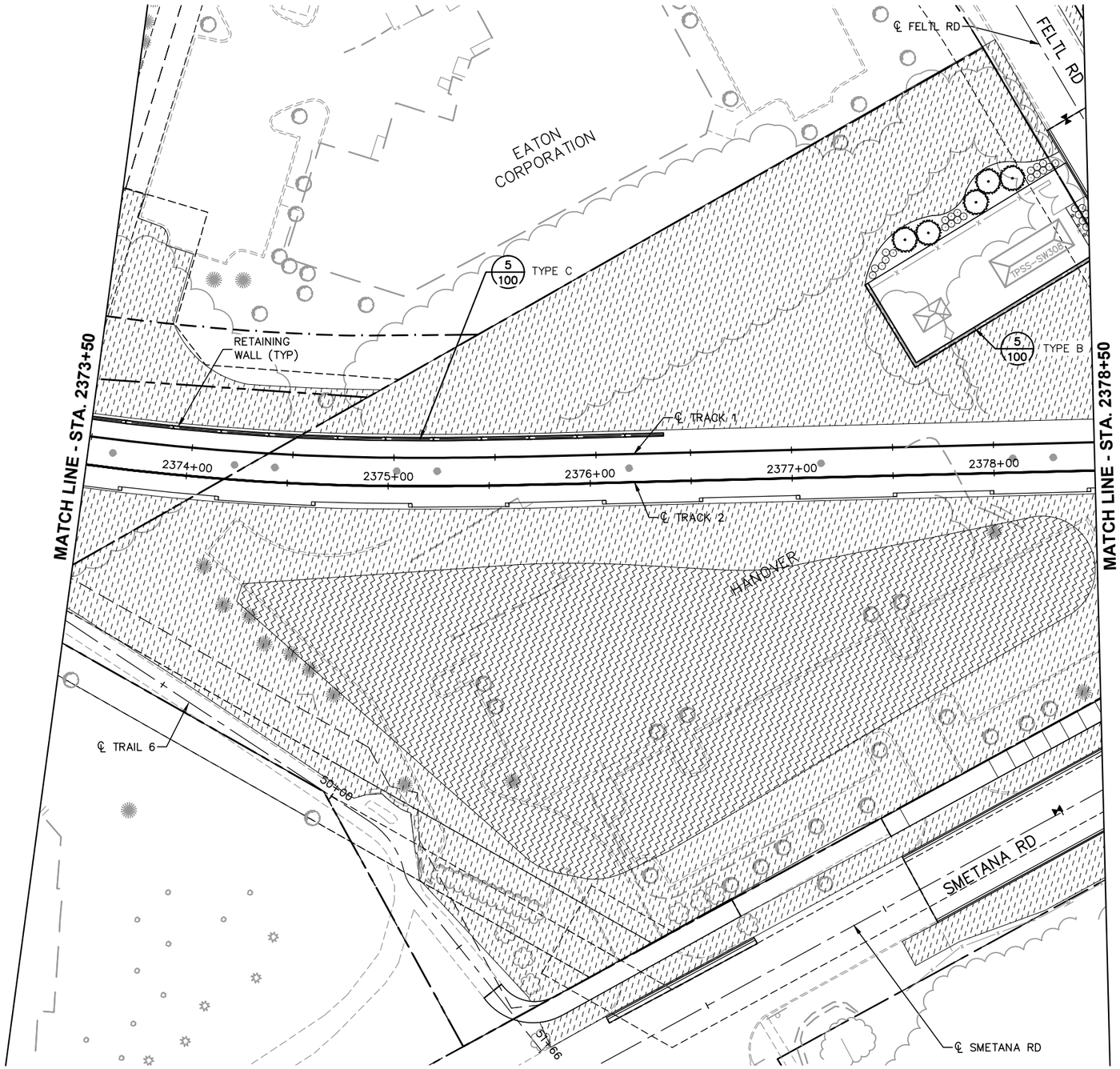
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2366+50 TO STA. 2373+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 006

SHEET 60 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2373+50 TO STA. 2378+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 007

SHEET 61 OF 316

Jan, 18 2016 09:00 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: dkrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

90% SUBMISSION - 01/22/16

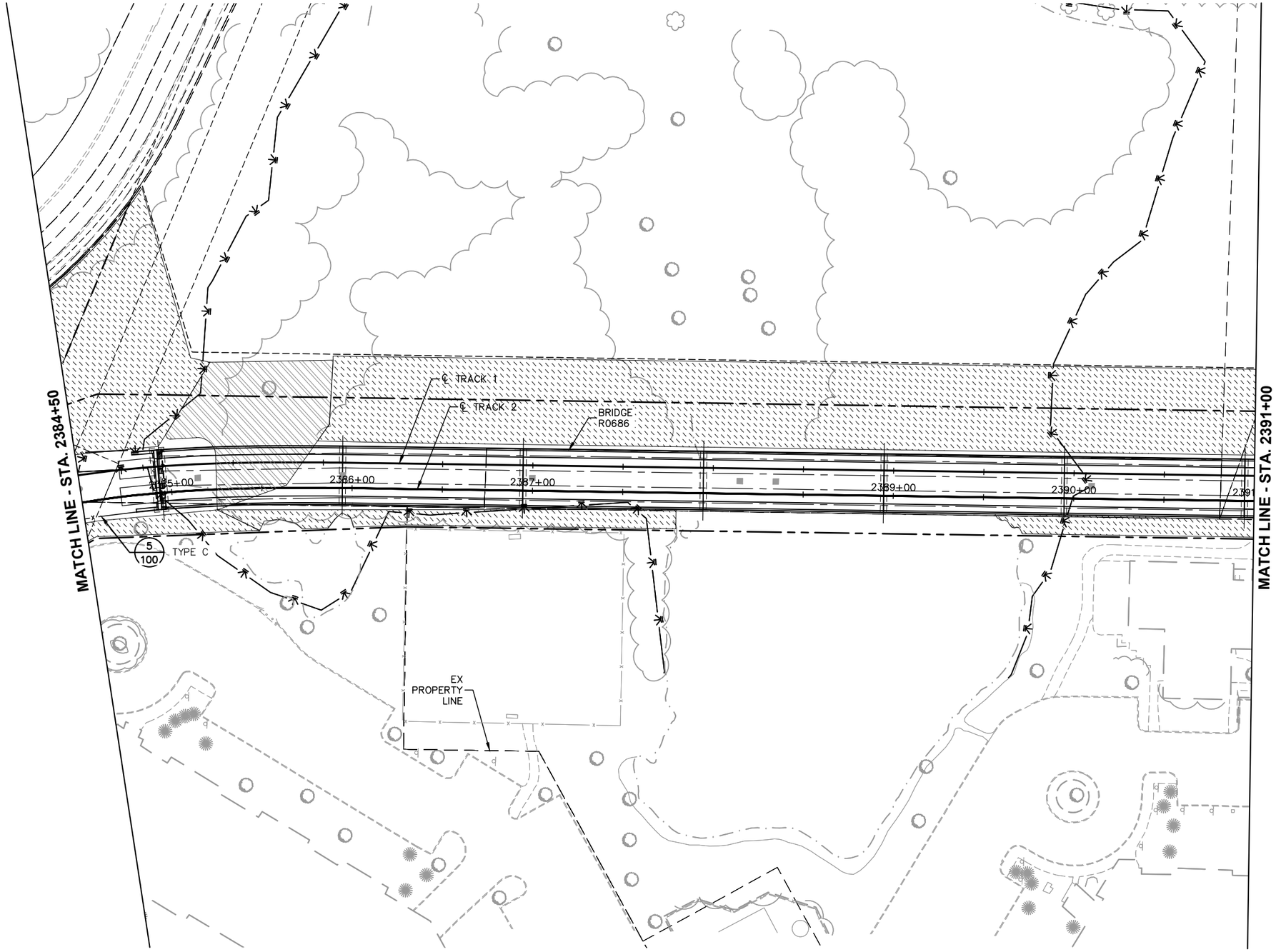
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2378+50 TO STA. 2384+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 008

SHEET 62 OF 316

Jan, 18 2016 09:01 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

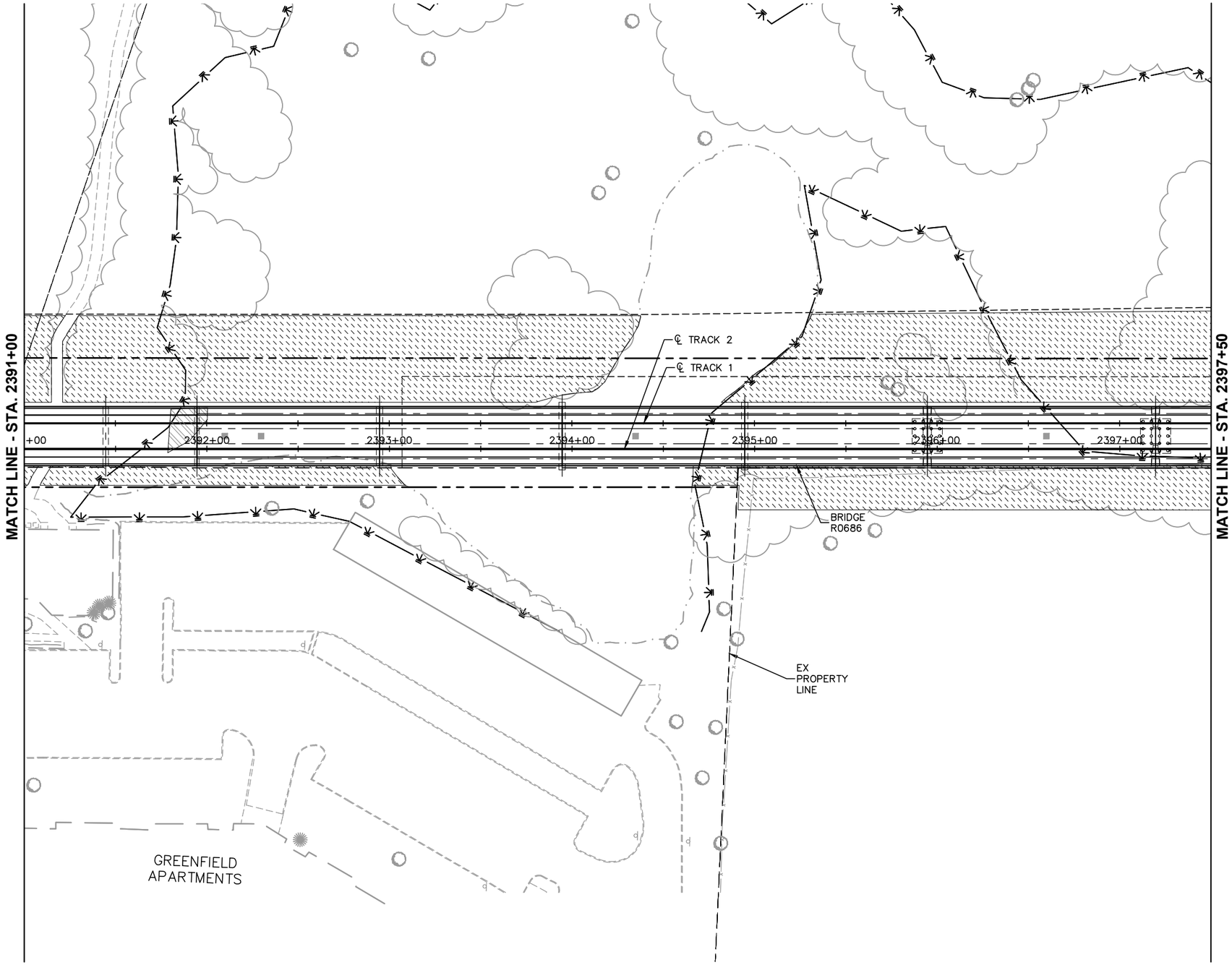
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2384+50 TO STA. 2391+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 009

SHEET 63 OF 316

Jan, 18 2016 09:02 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



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SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

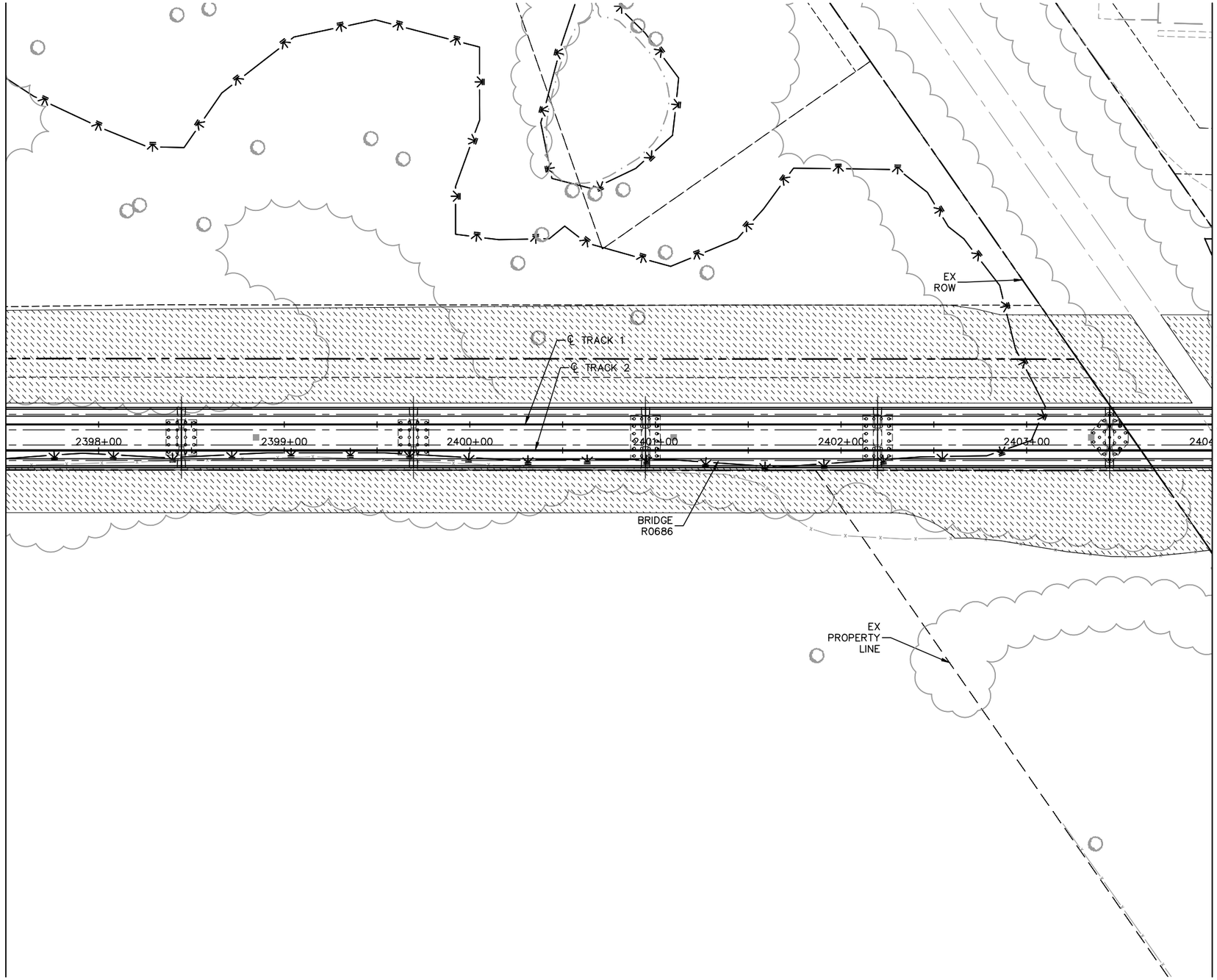
90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2391+00 TO STA. 2397+50

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W3-LAN-COR-PLN - 010

SHEET 64 OF 316

Jan, 18 2016 09:03 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



0 15 30 60
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

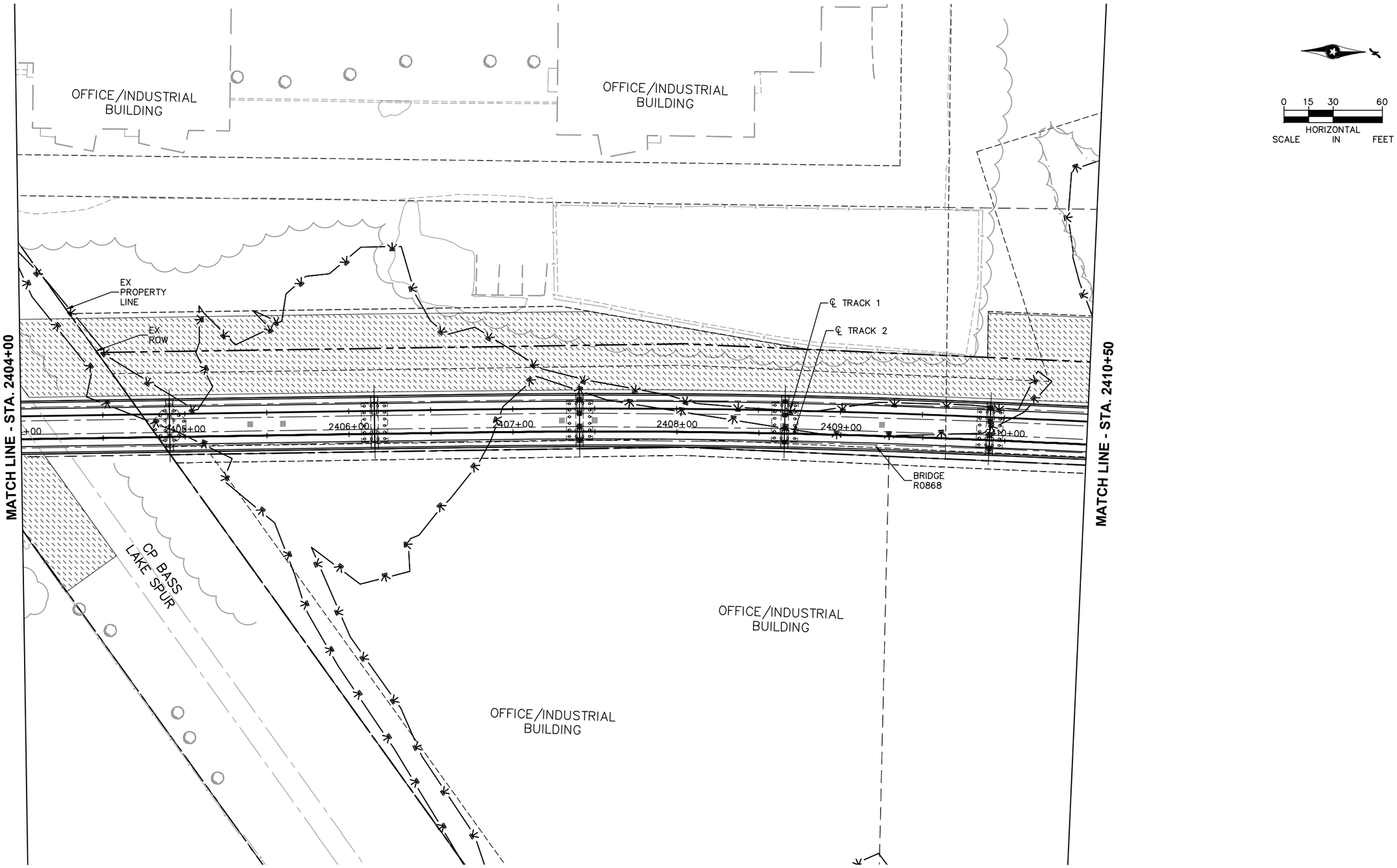
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2397+50 TO STA. 2404+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 011

SHEET 65 OF 316

Jan, 18 2016 09:04 am v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

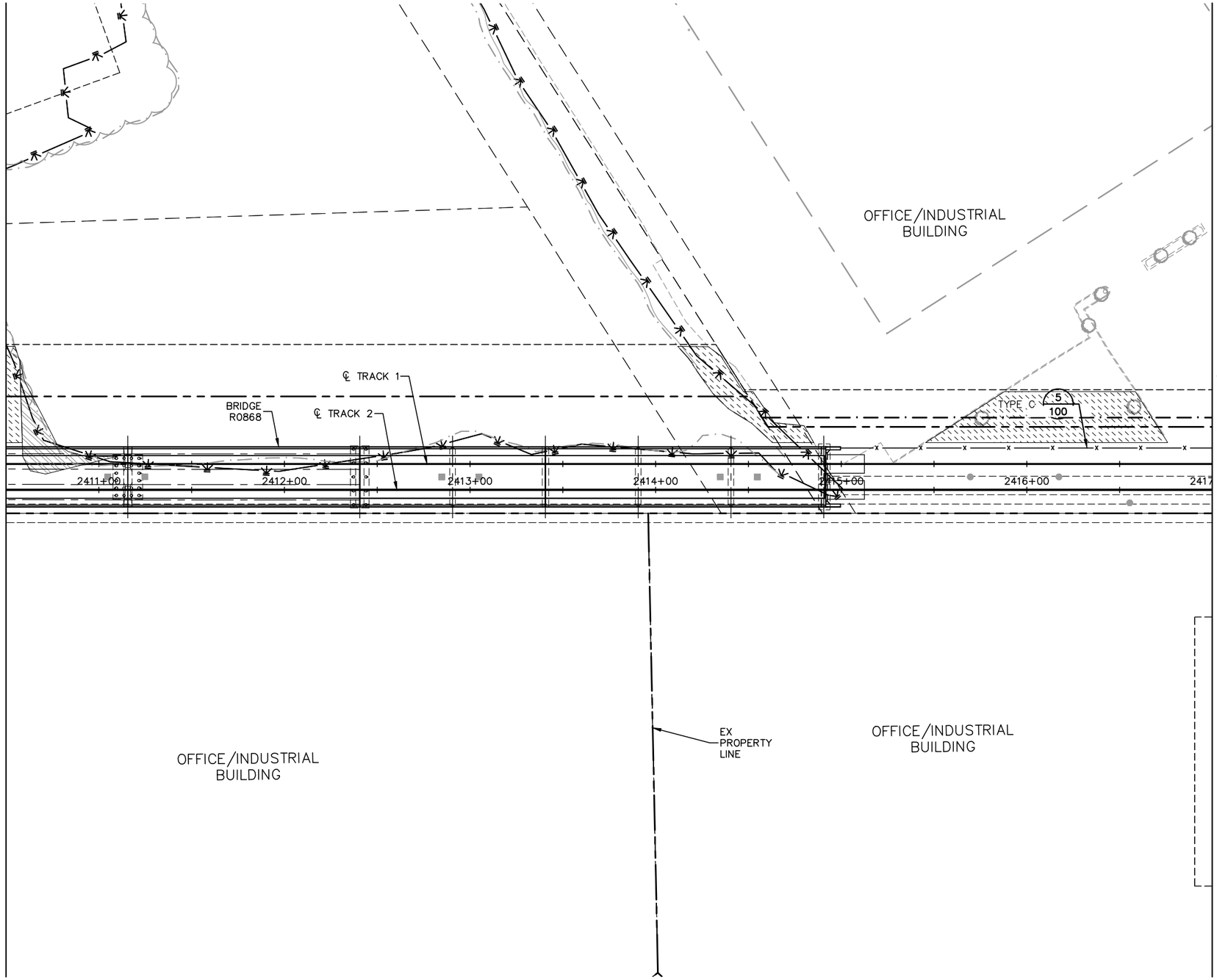
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2404+00 TO STA. 2410+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 012

SHEET 66 OF 316

Jan, 18 2016 09:04 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

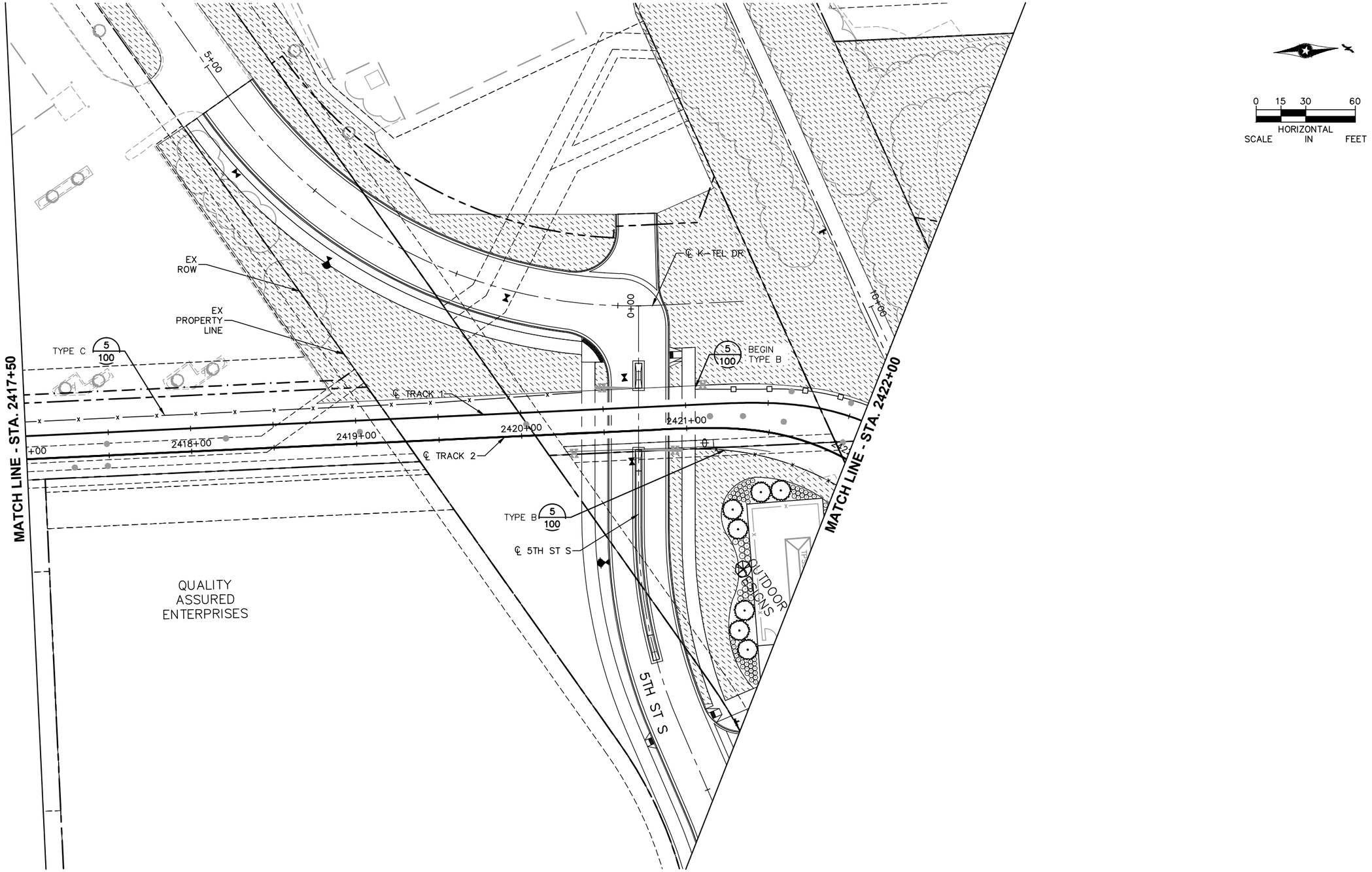
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2410+50 TO STA. 2417+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 013

SHEET 67 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

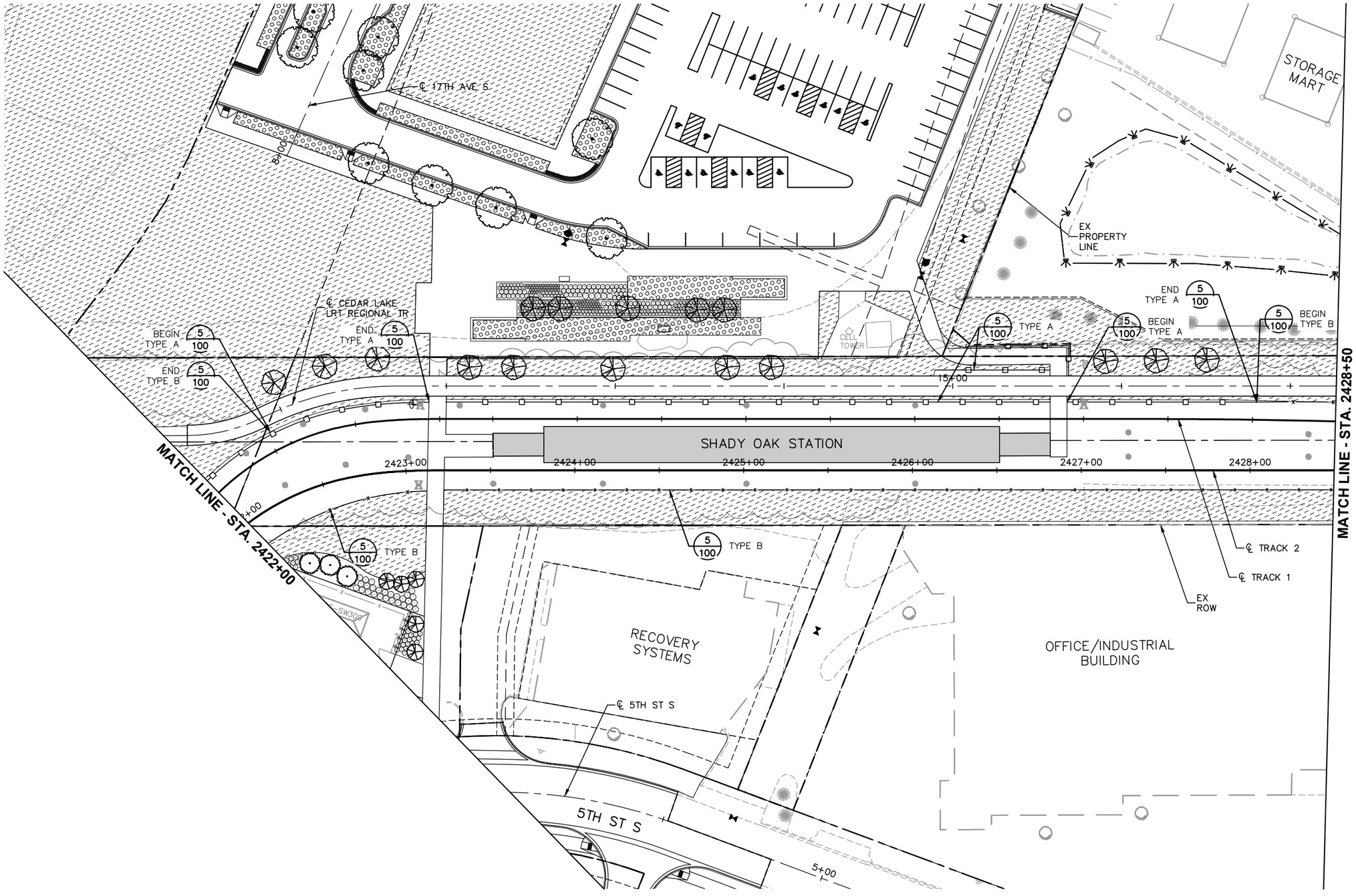
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2417+50 TO STA. 2422+00

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W3-LAN-COR-PLN - 014

SHEET 68 OF 316

Jan, 18 2016 09:06 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

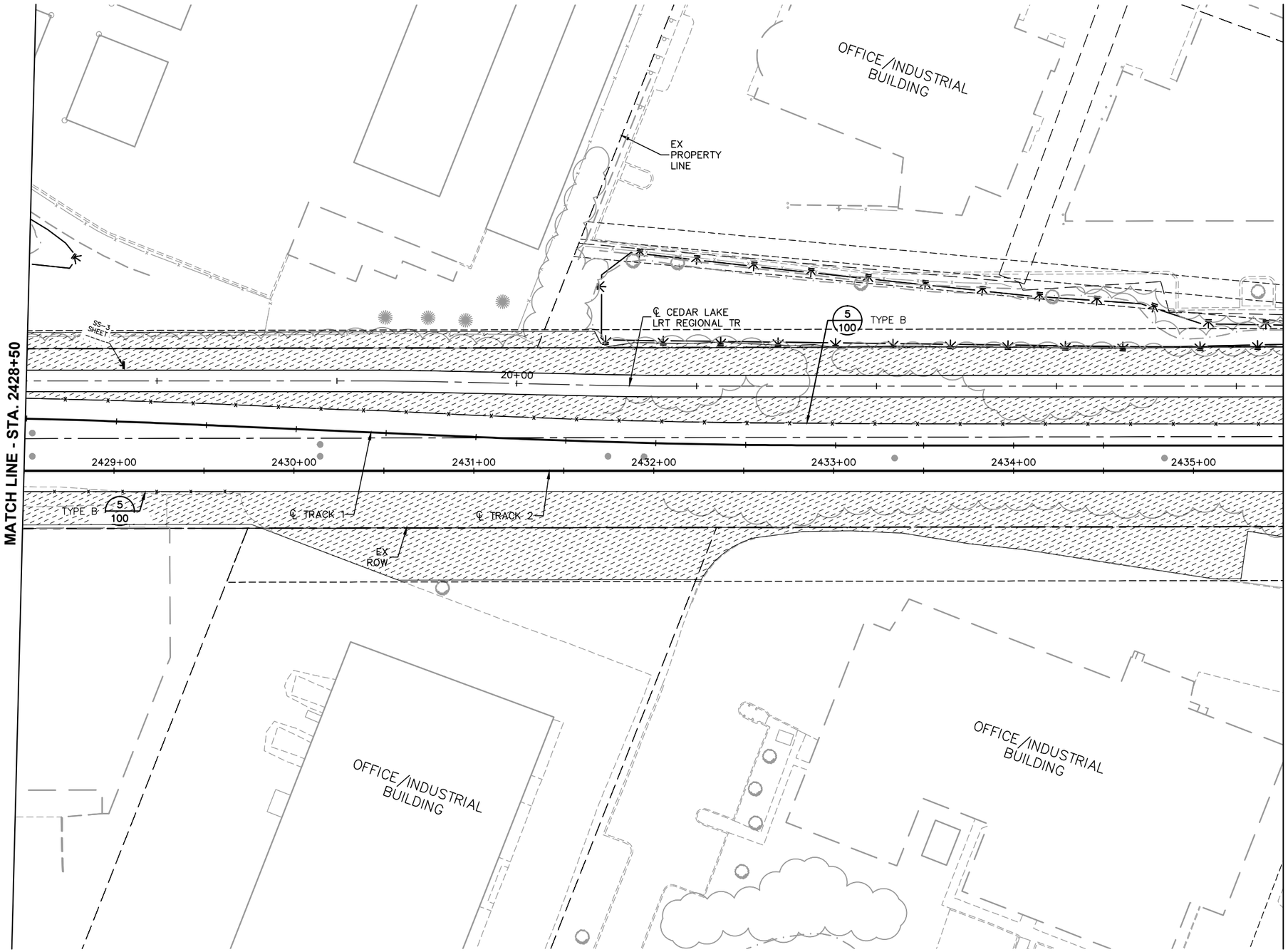
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA. 2422+00 TO STA. 2428+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 015

SHEET 69 OF 316

Jan, 18 2016 09:07 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: okrzmarzick



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Jan, 18 2016 09:08 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

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METROPOLITAN COUNCIL

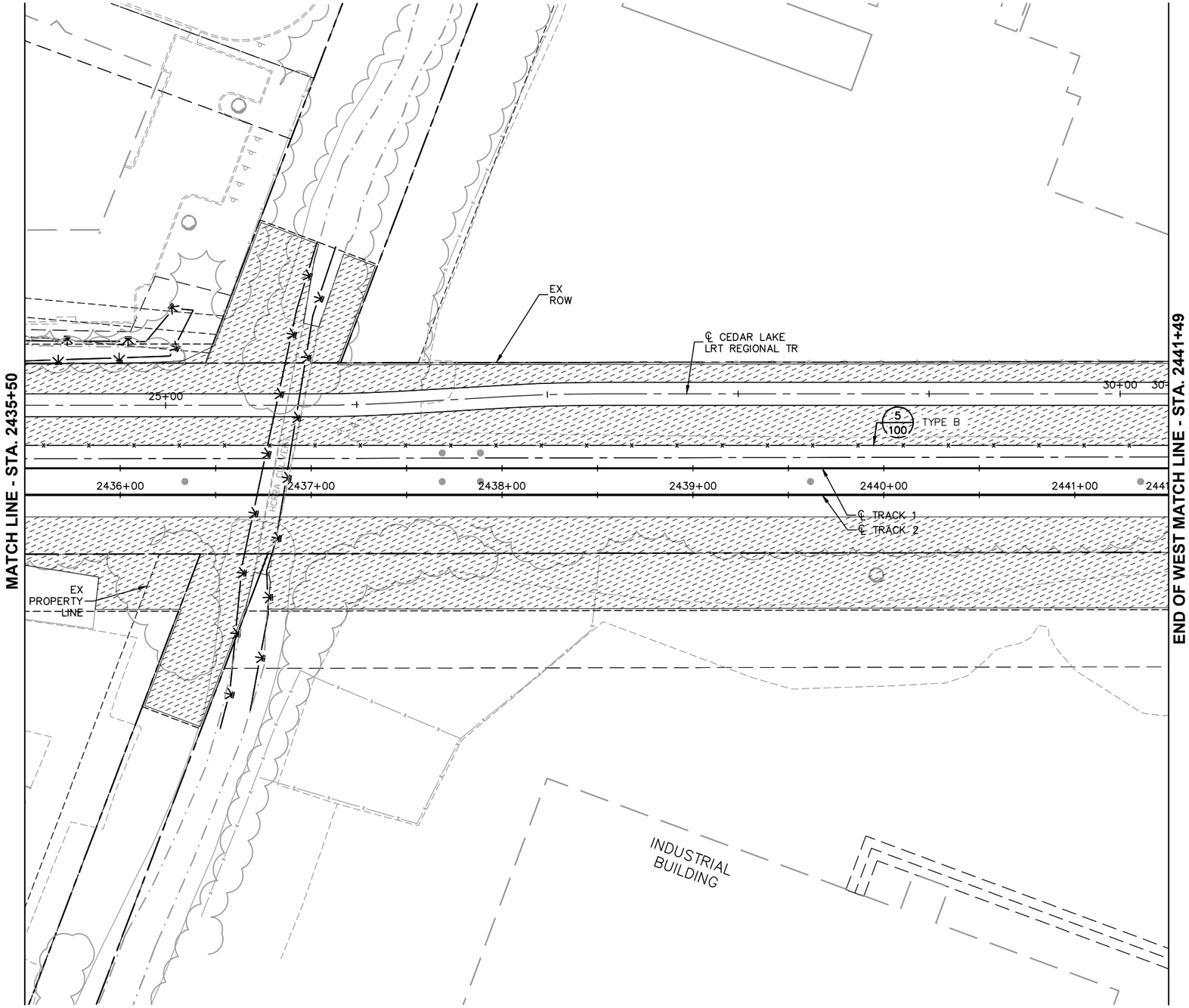
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2428+50 TO STA. 2435+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 016

SHEET 70 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

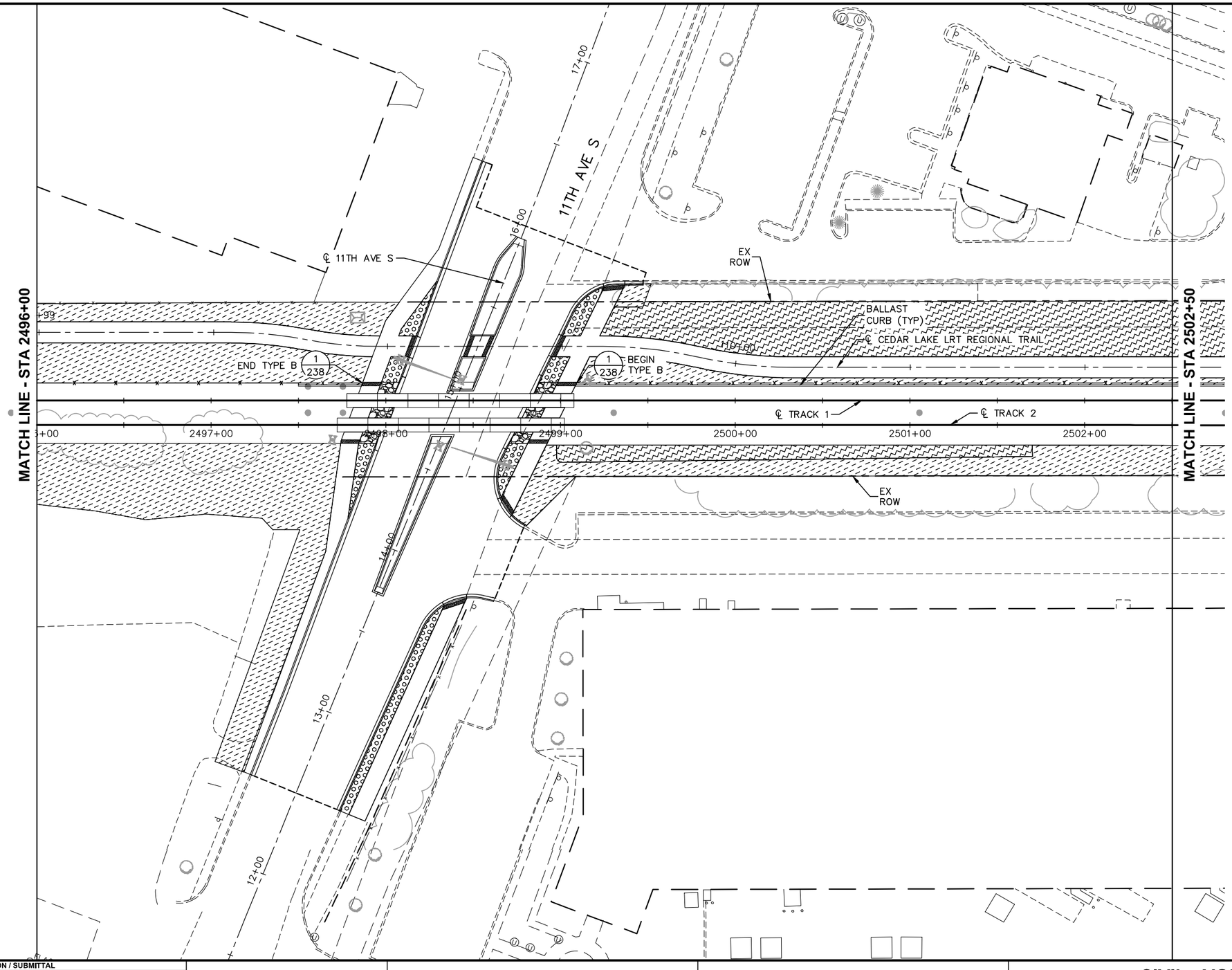
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA. 2435+50 TO STA. 2441+49

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-COR-PLN - 017

SHEET 71 OF 316

Jan, 18 2016 09:09 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-COR-PLN.dwg By: akrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

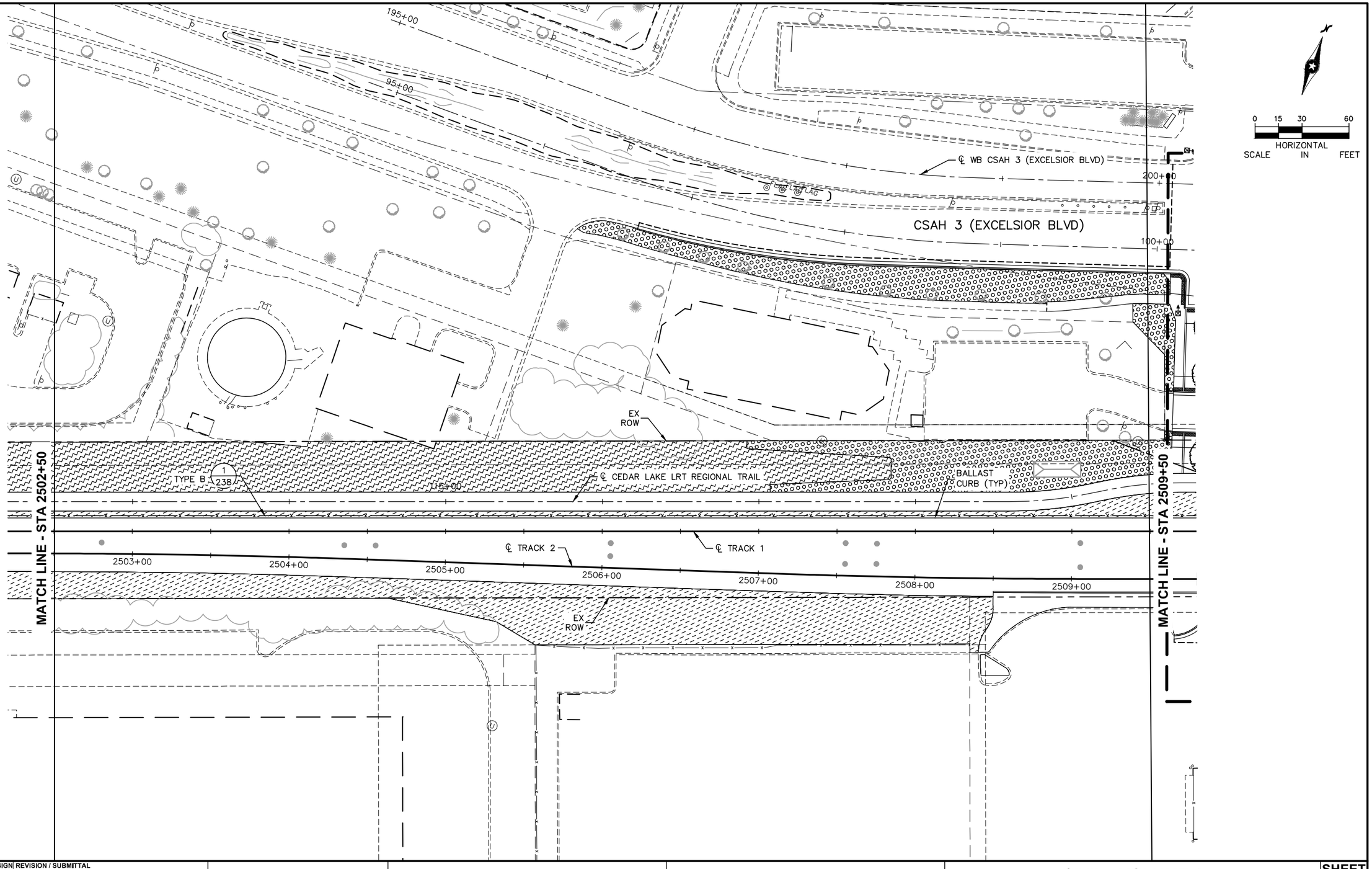
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2496+00 TO STA 2502+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 001

SHEET 72 OF 316

Jan, 18 2016 07:50 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

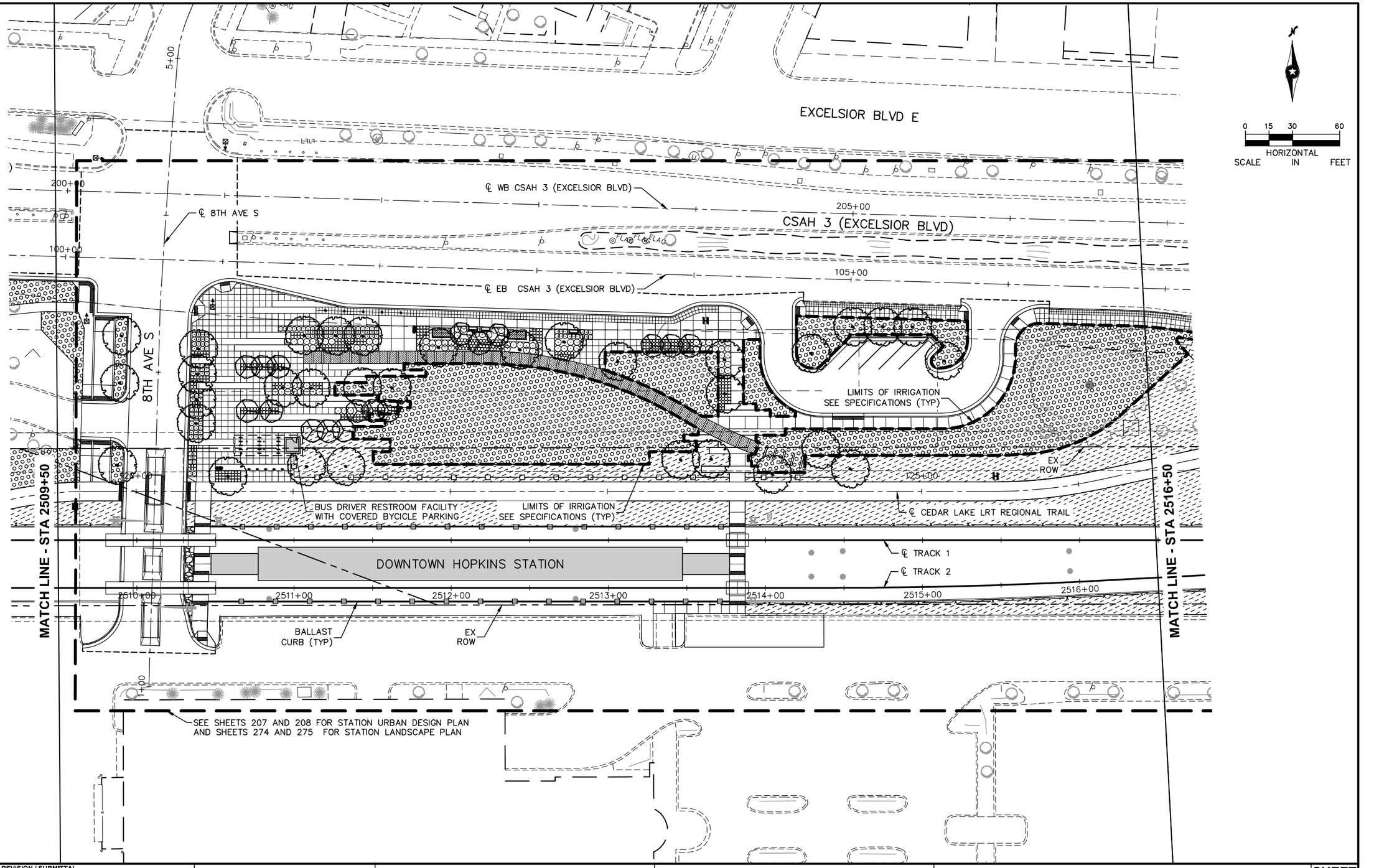
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2502+50 TO STA 2509+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 002

SHEET 73 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

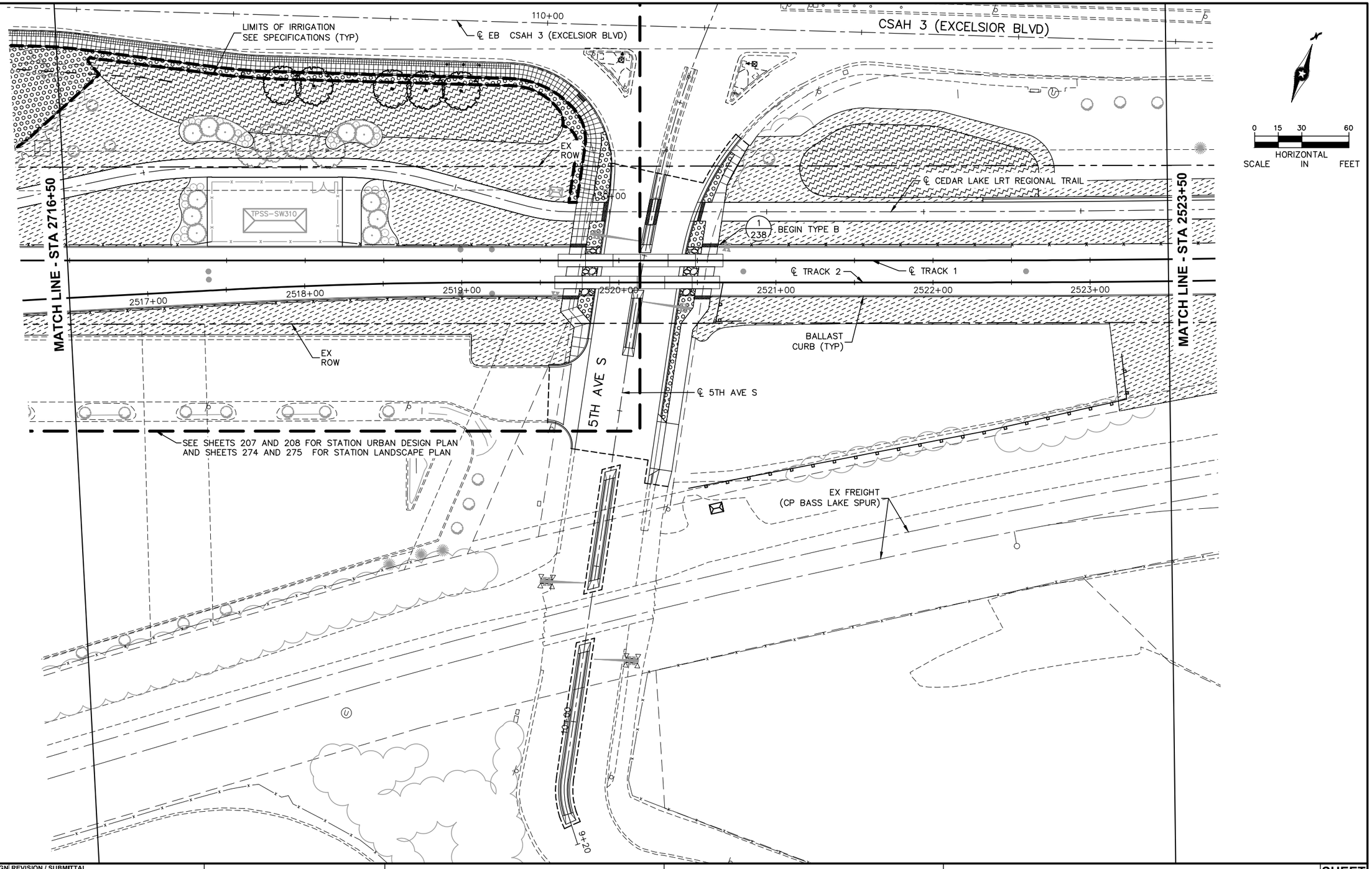
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2509+50 TO STA 2516+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 003

SHEET 74 OF 316

Jan, 18 2016 08:33 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

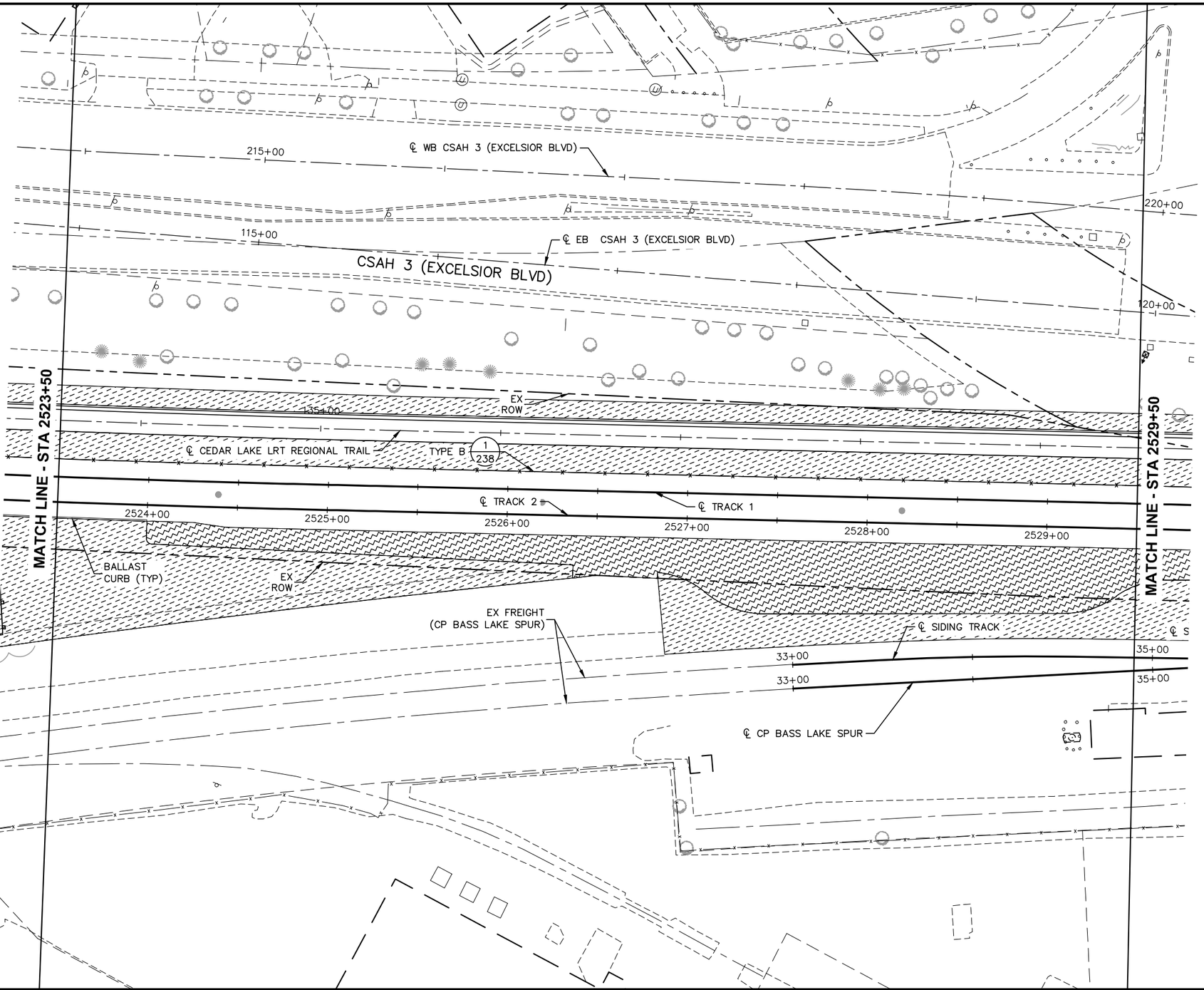
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2716+50 TO STA 2523+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 004

SHEET 75 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

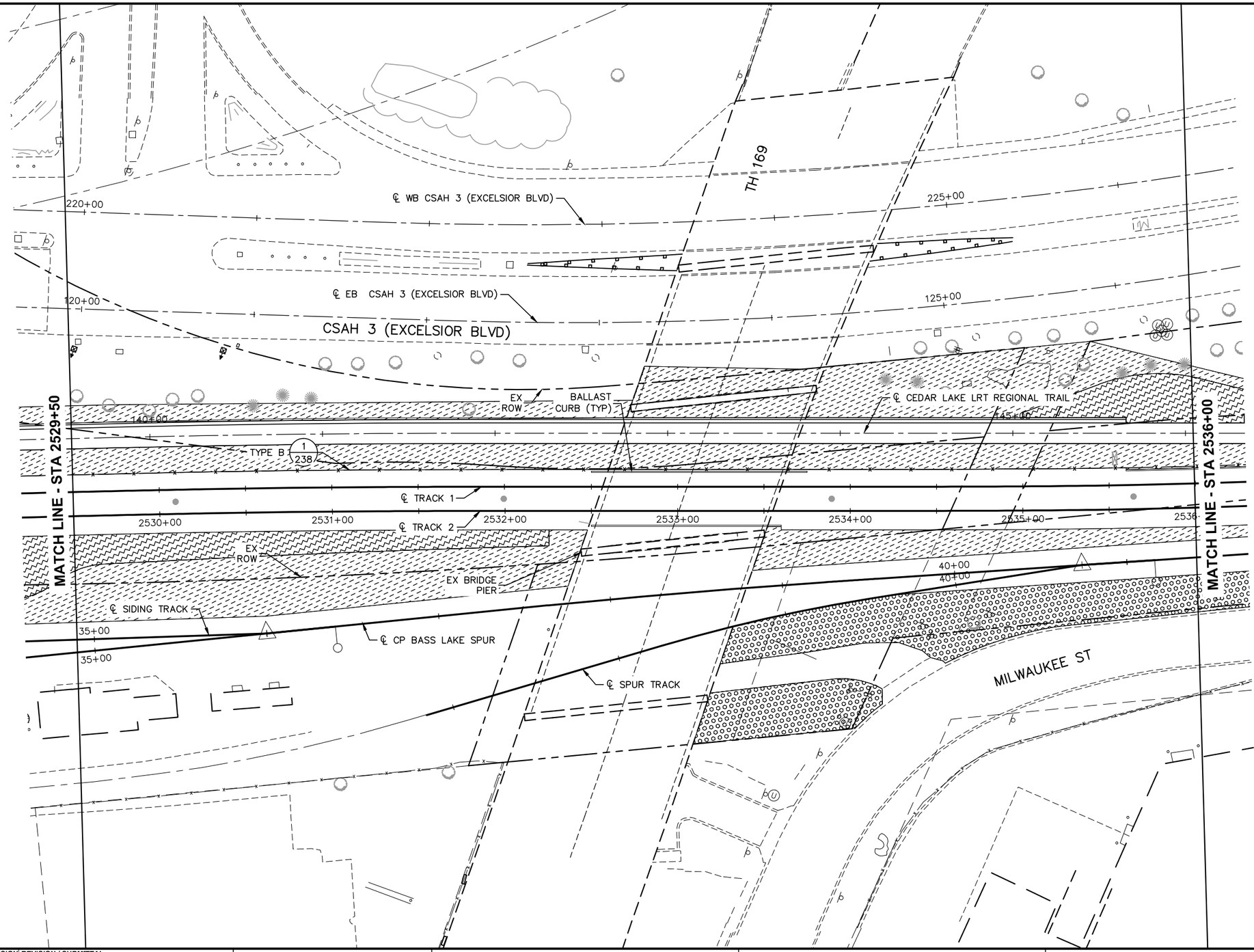
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2523+50 TO STA 2529+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 005

SHEET 76 OF 316

Jan, 18 2016 07:53 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

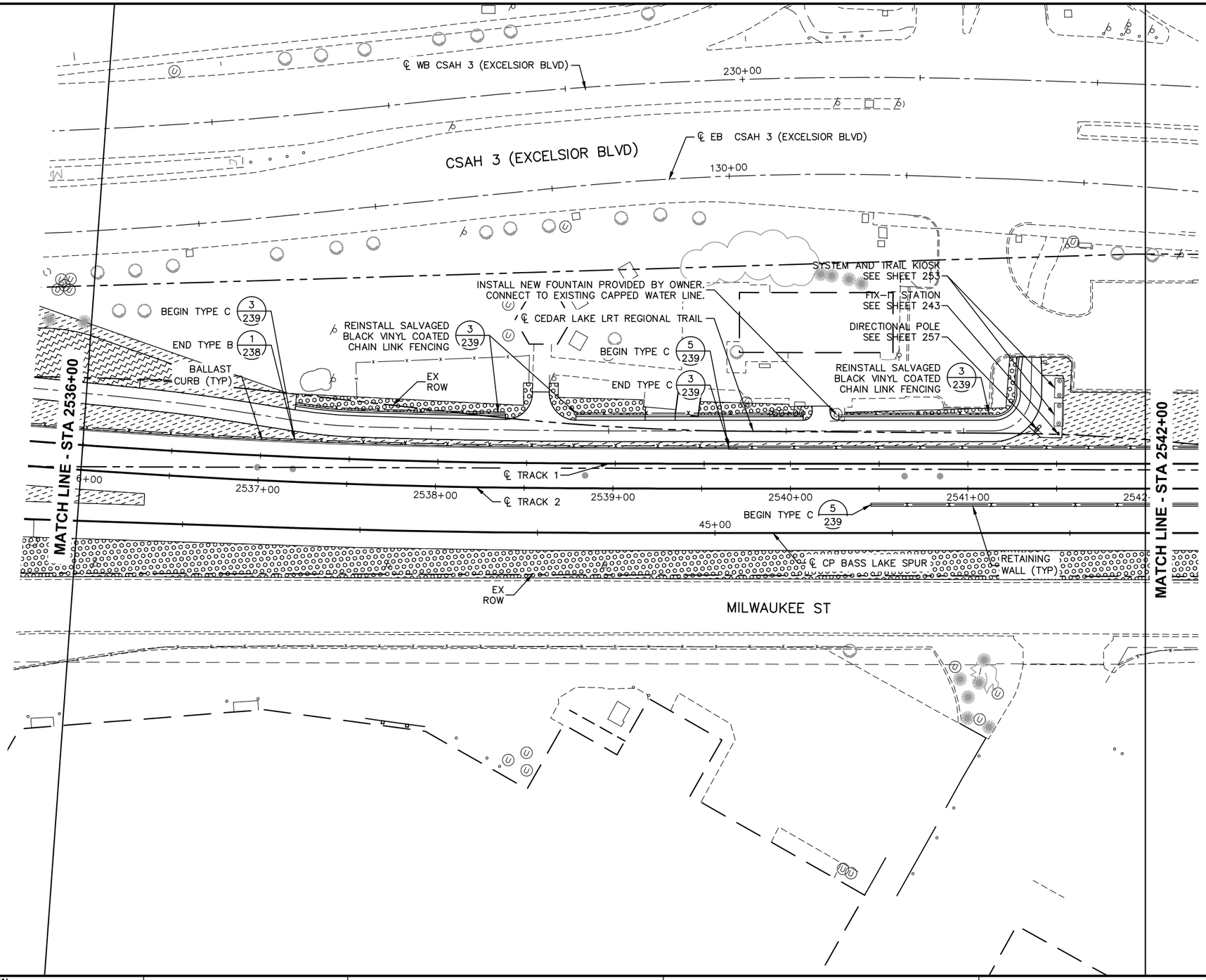
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2529+50 TO STA 2536+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 006

SHEET 77 OF 316

Jan, 18 2016 07:54 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

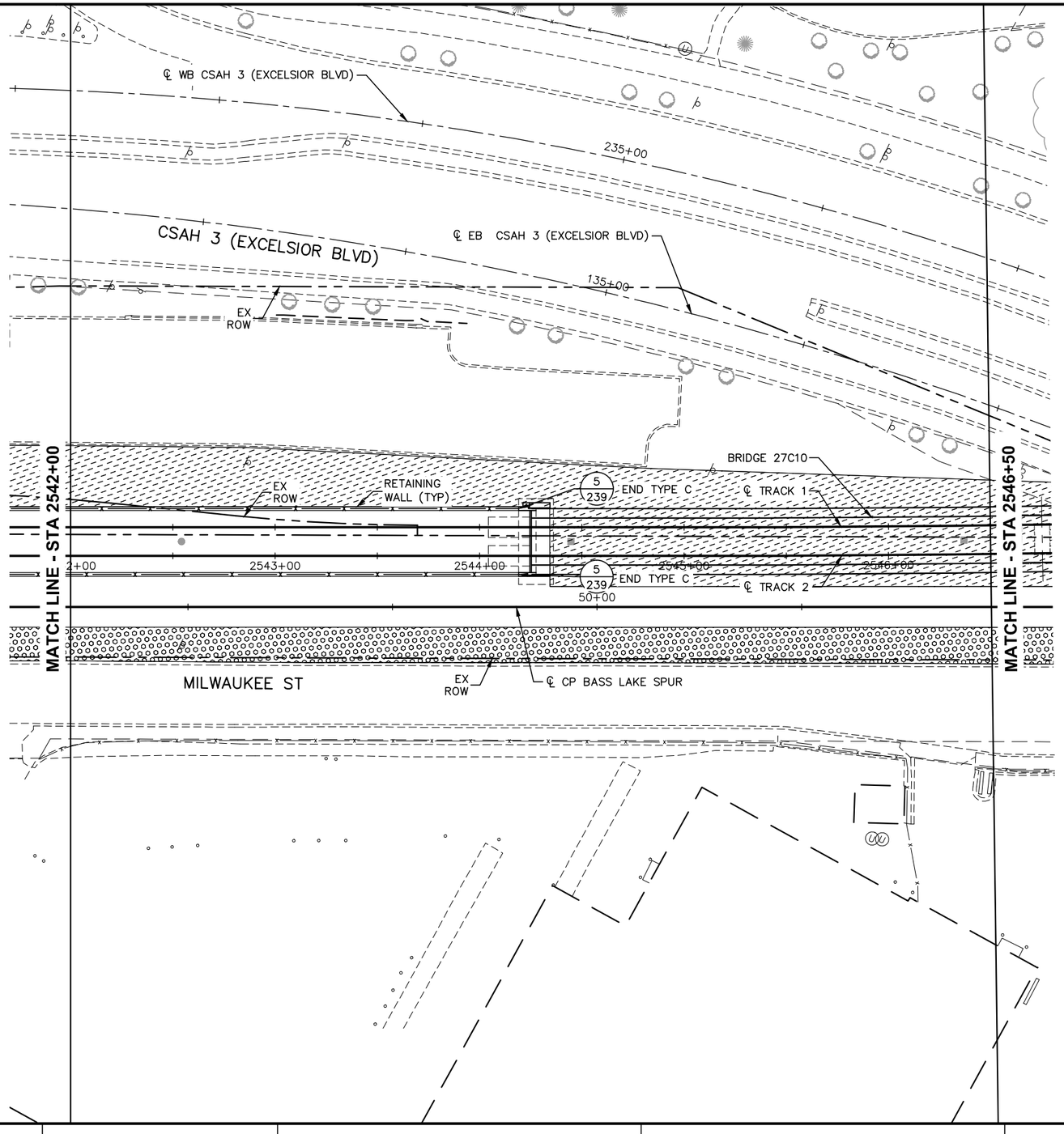
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2536+00 TO STA 2542+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 007

SHEET 78 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

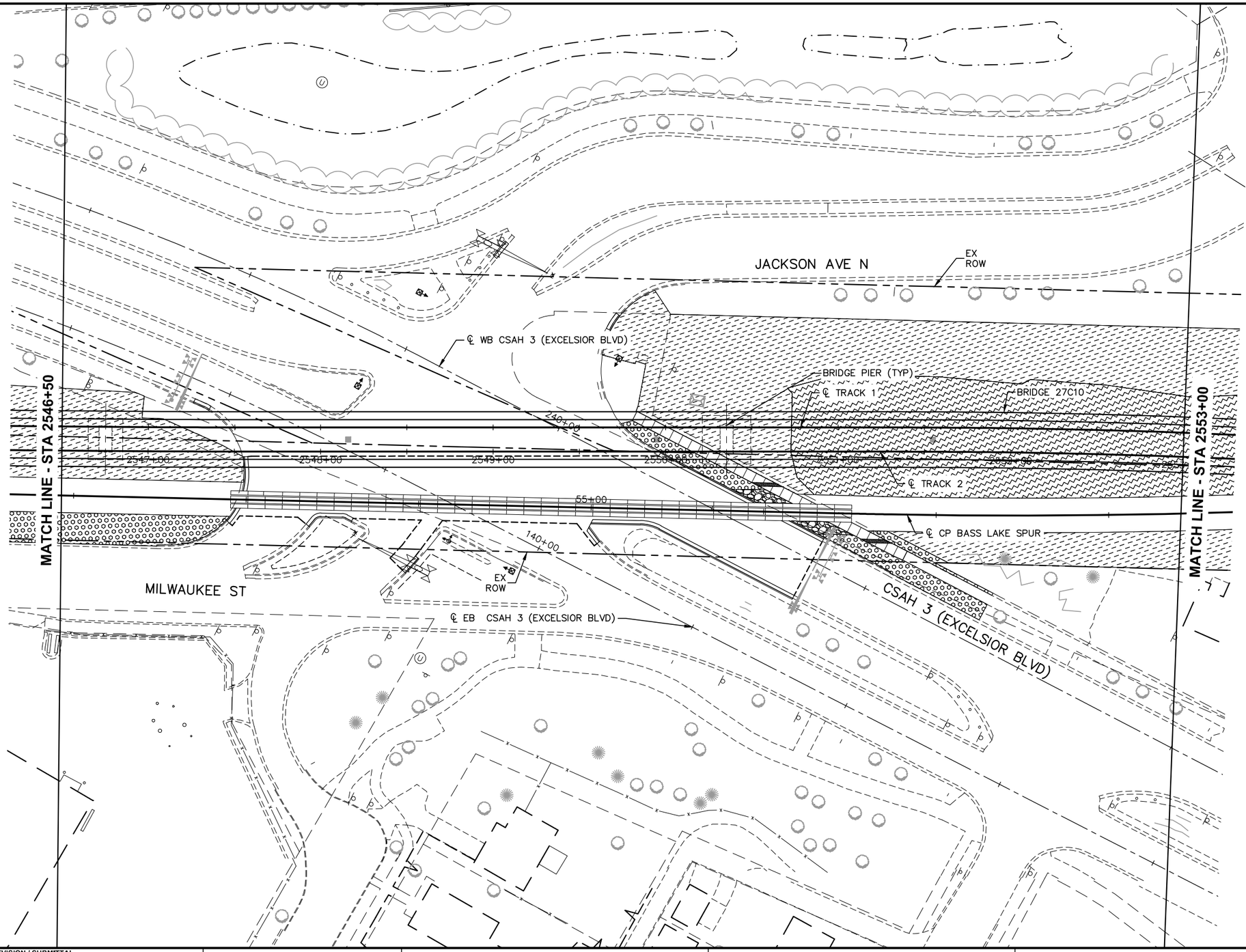
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2542+00 TO STA 2546+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 008

SHEET 79 OF 316

Jan, 18 2016 07:56 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

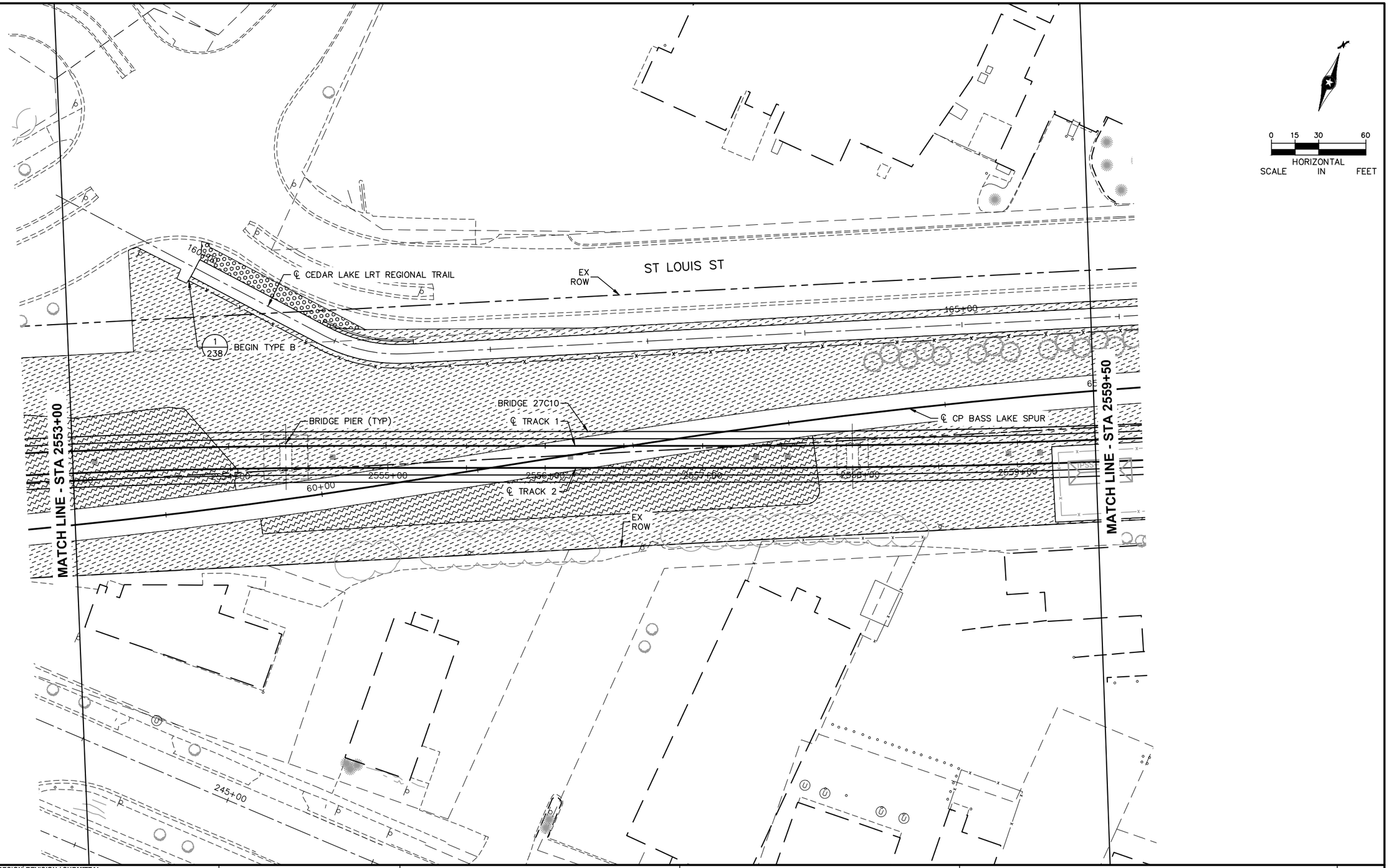
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2546+50 TO STA 2553+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 009

SHEET 80 OF 316

Jan, 18 2016 07:57 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

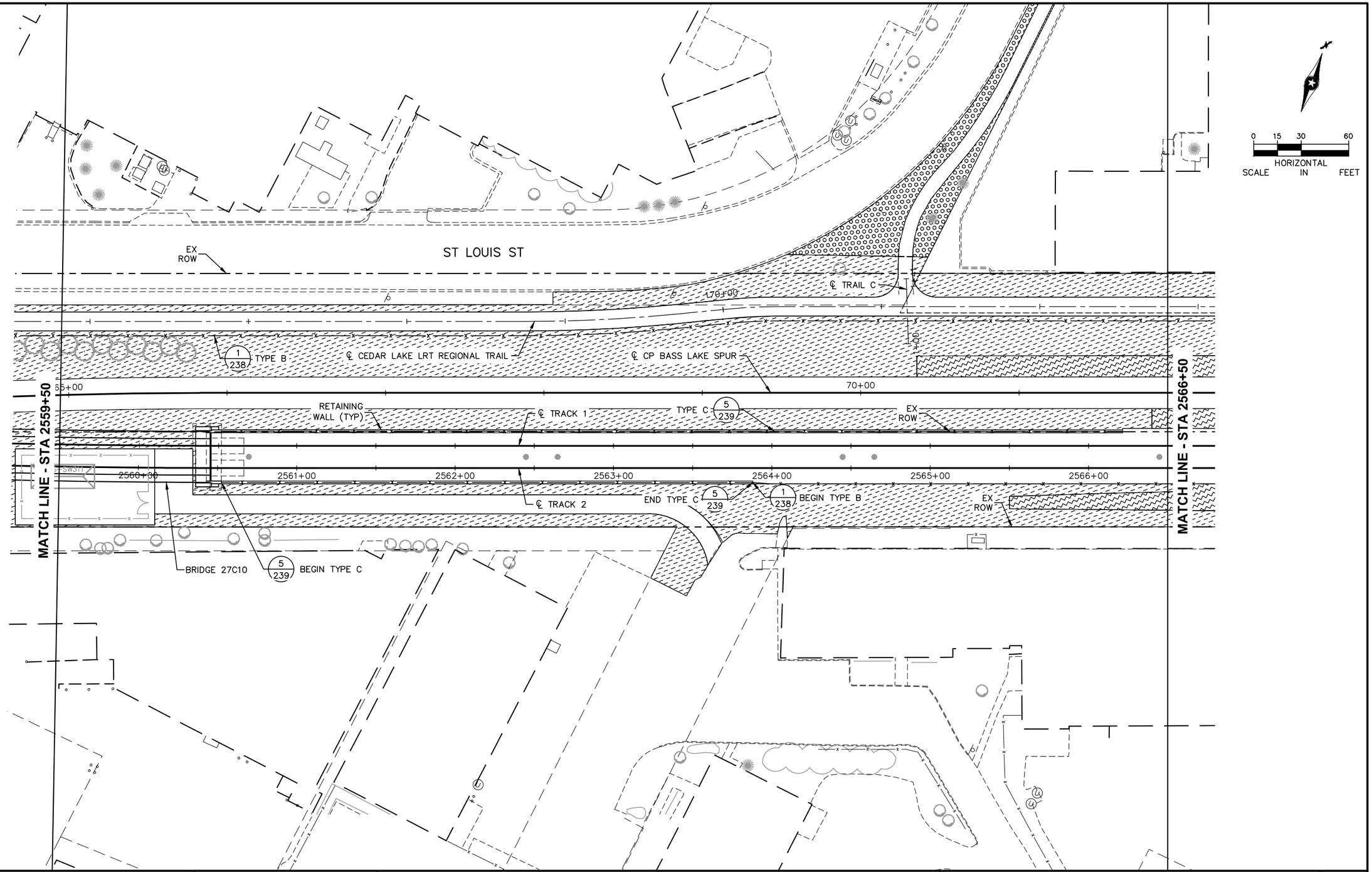
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2553+00 TO STA 2559+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 010

SHEET 81 OF 316

Jan, 18 2016 07:58 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

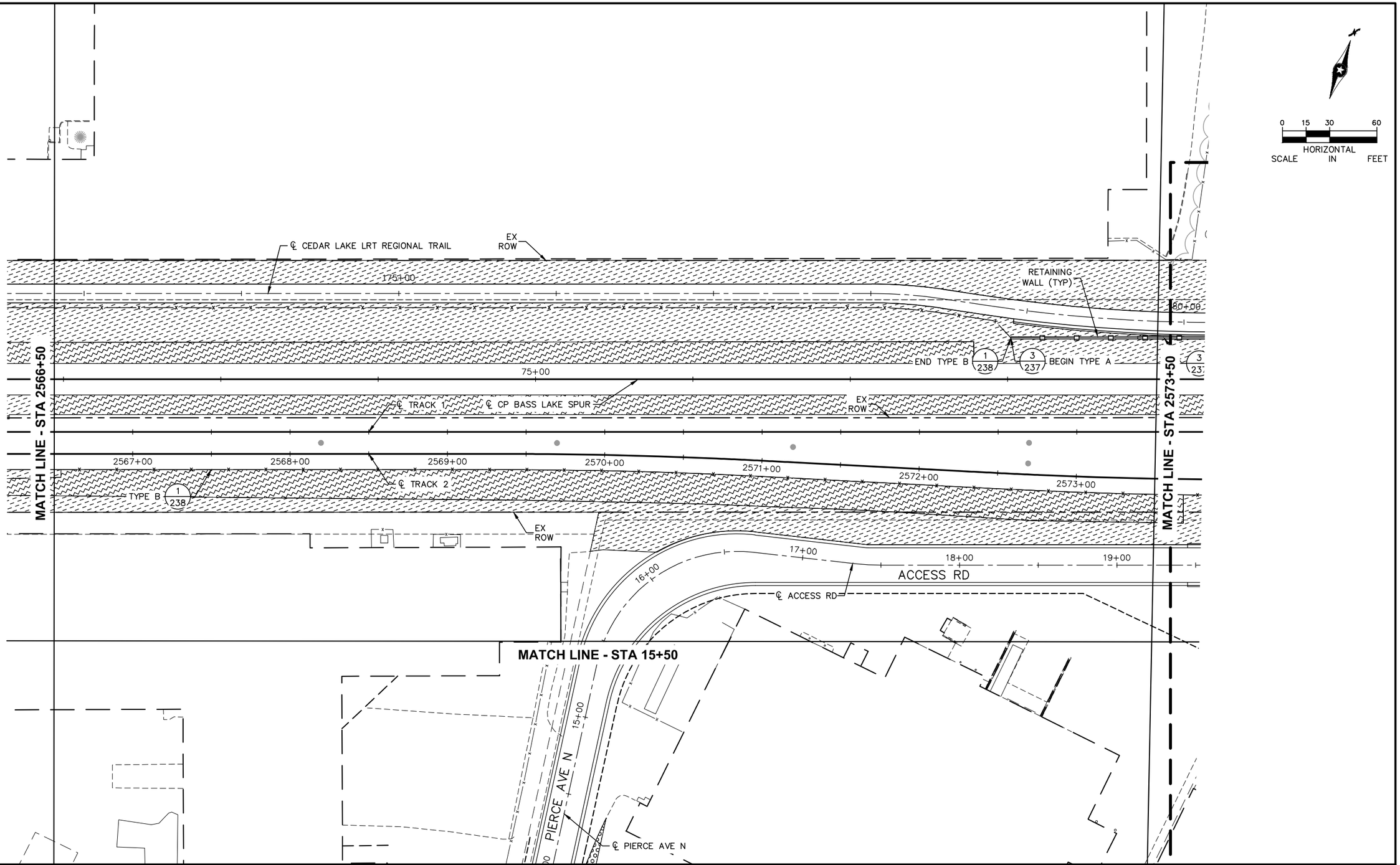
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2559+50 TO STA 2566+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 011

SHEET 82 OF 316

Jan, 18 2016 07:59 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2566+50 TO STA 2573+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 012

SHEET 83 OF 316

Jan, 19 2016 09:00 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck

EXCELSIOR BLVD

EX ROW

10+00

11+00

12+00

13+00

14+00

PIERCE AVE N

15+00

16+00

BOLLARD
SEE SHEET 244

℄ PIERCE AVE N

℄ WB CSAH 3
(EXCELSIOR BLVD)

℄ WB CSAH 3 (EXCELSIOR BLVD)

MATCH LINE - STA 15+50

2568+00

2569+00

2570+00

2571+00

2572+00

17+00

18+00

ACCESS RD

0 15 30 60
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST
Green Line LRT Extension

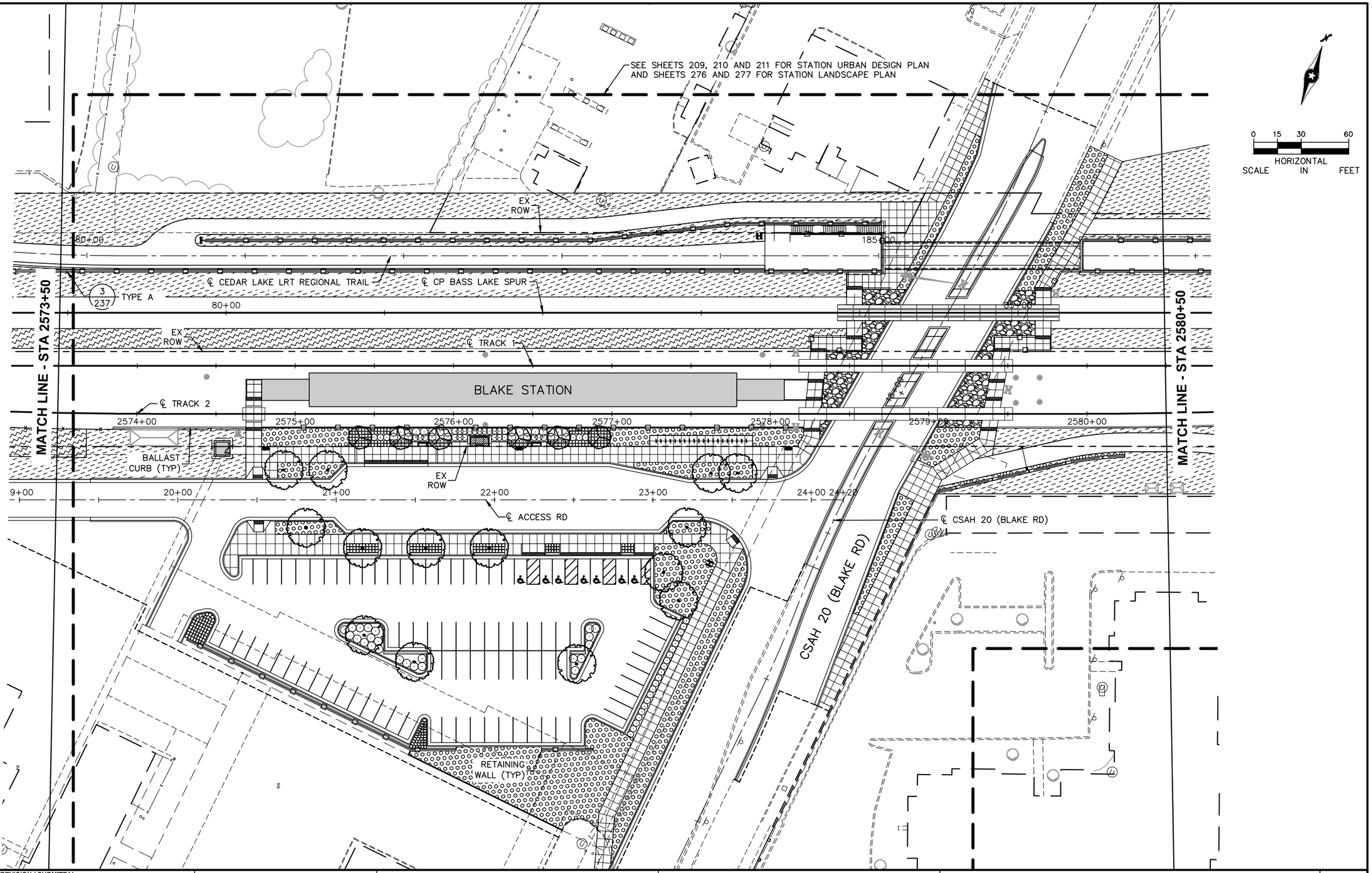
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
PIERCE AVE N

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 013

SHEET 84 OF 316

Jan, 18 2016 08:00 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

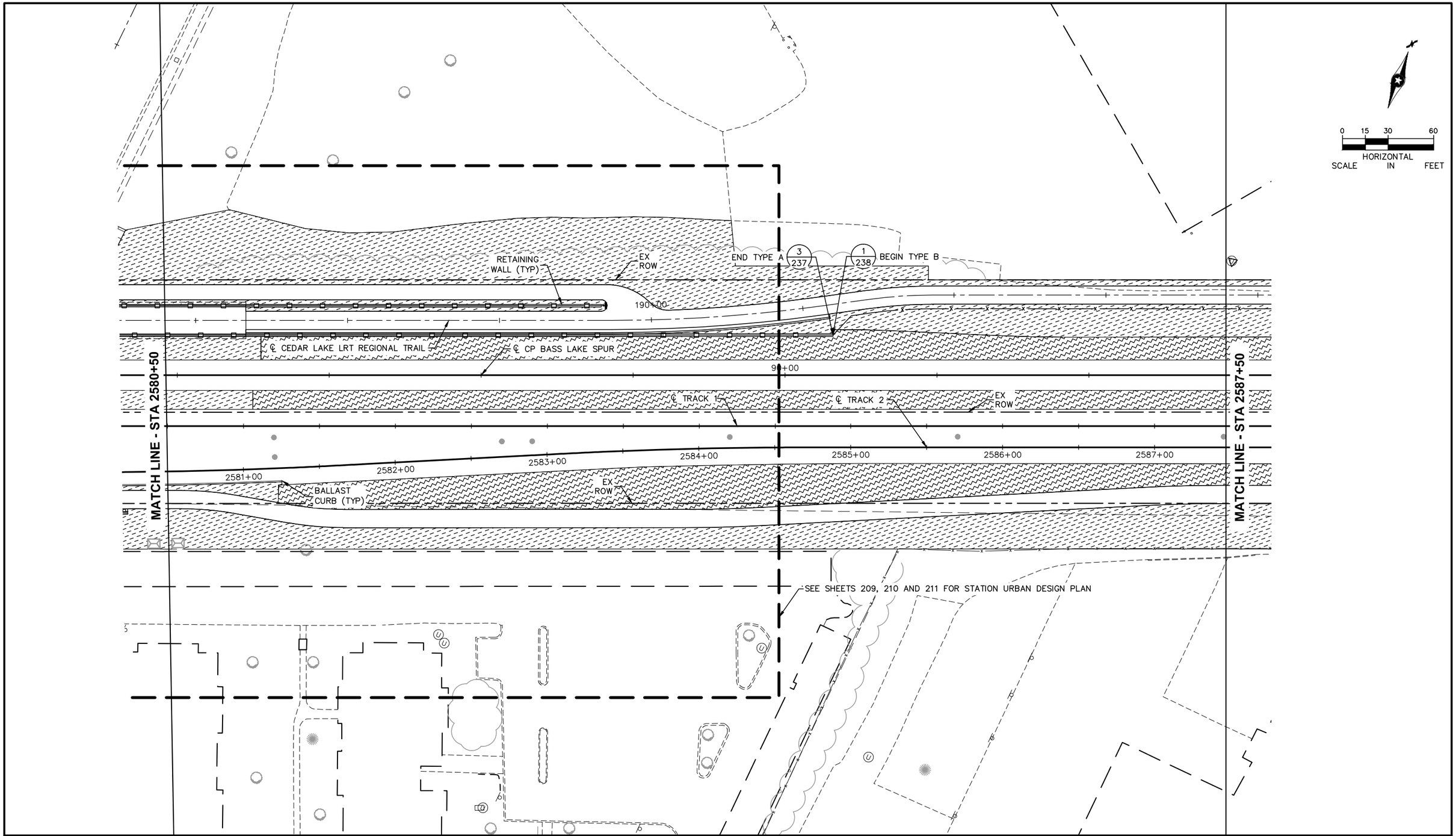
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2573+50 TO STA 2580+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 014

SHEET 85 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

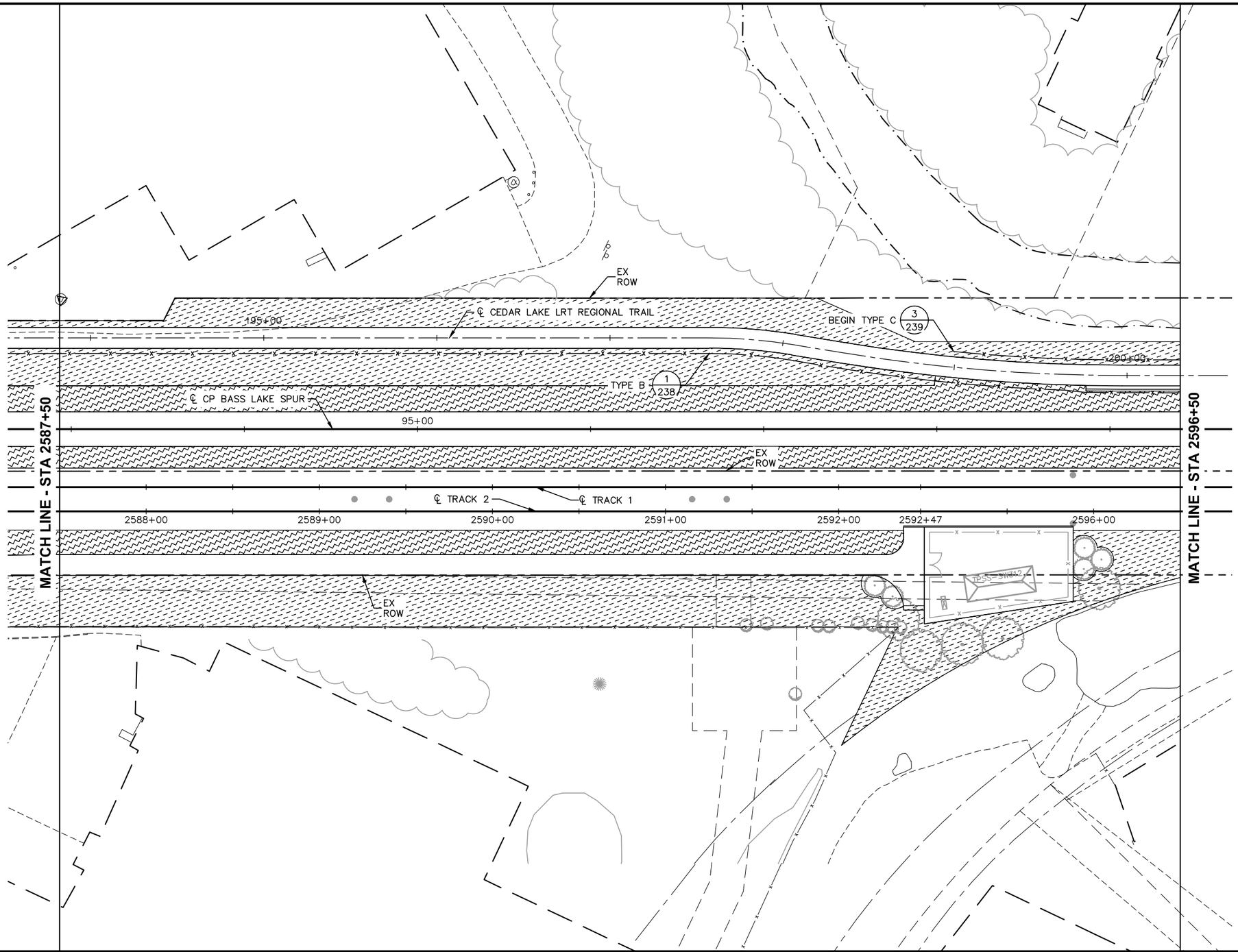
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2580+50 TO STA 2587+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 015

SHEET 86 OF 316

Jan, 18 2016 08:02 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

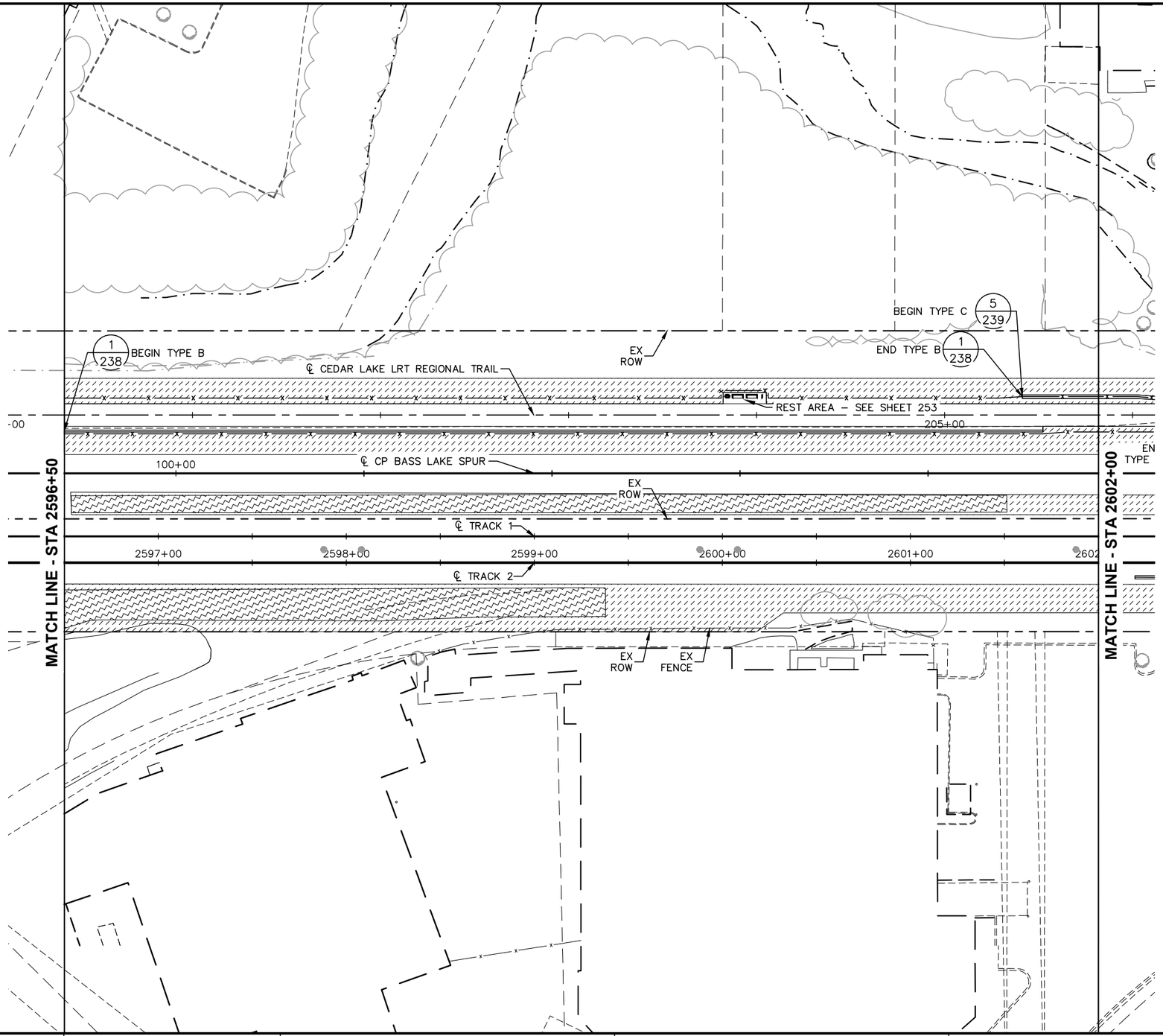
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2587+50 TO STA 2596+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-COR-PLN - 016

SHEET 87 OF 316

Jan, 18 2016 08:03 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2596+50 TO STA 2602+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 001

SHEET 88 OF 316

Jan, 18 2016 09:02 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell

MINNEHAHA CREEK

5/239 END TYPE C

BRIDGE R0687

5/239 BEGIN TYPE C

5/239 END TYPE C

EX ROW

EX FENCE

℄ CEDAR LAKE LRT REGIONAL TRAIL

℄ TRAIL N

210+00

DIRECTIONAL POLE – SEE SHEET 257

1/238 END TYPE B

1/238 BEGIN TYPE B

℄ CP BASS LAKE SPUR

110+00

BRIDGE R0688

EX ROW

℄ TRACK 1

2603+00 2604+00 2605+00 2606+00 2607+00 2608+00 2609

℄ TRACK 2

BRIDGE R0689

5/239 END TYPE C

5/239 BEGIN TYPE C

5/239 BEGIN TYPE C

5/239 END TYPE C

EX ROW

EX FENCE

MATCH LINE - STA 2602+00

MATCH LINE - STA 2609+00

0 15 30 60

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

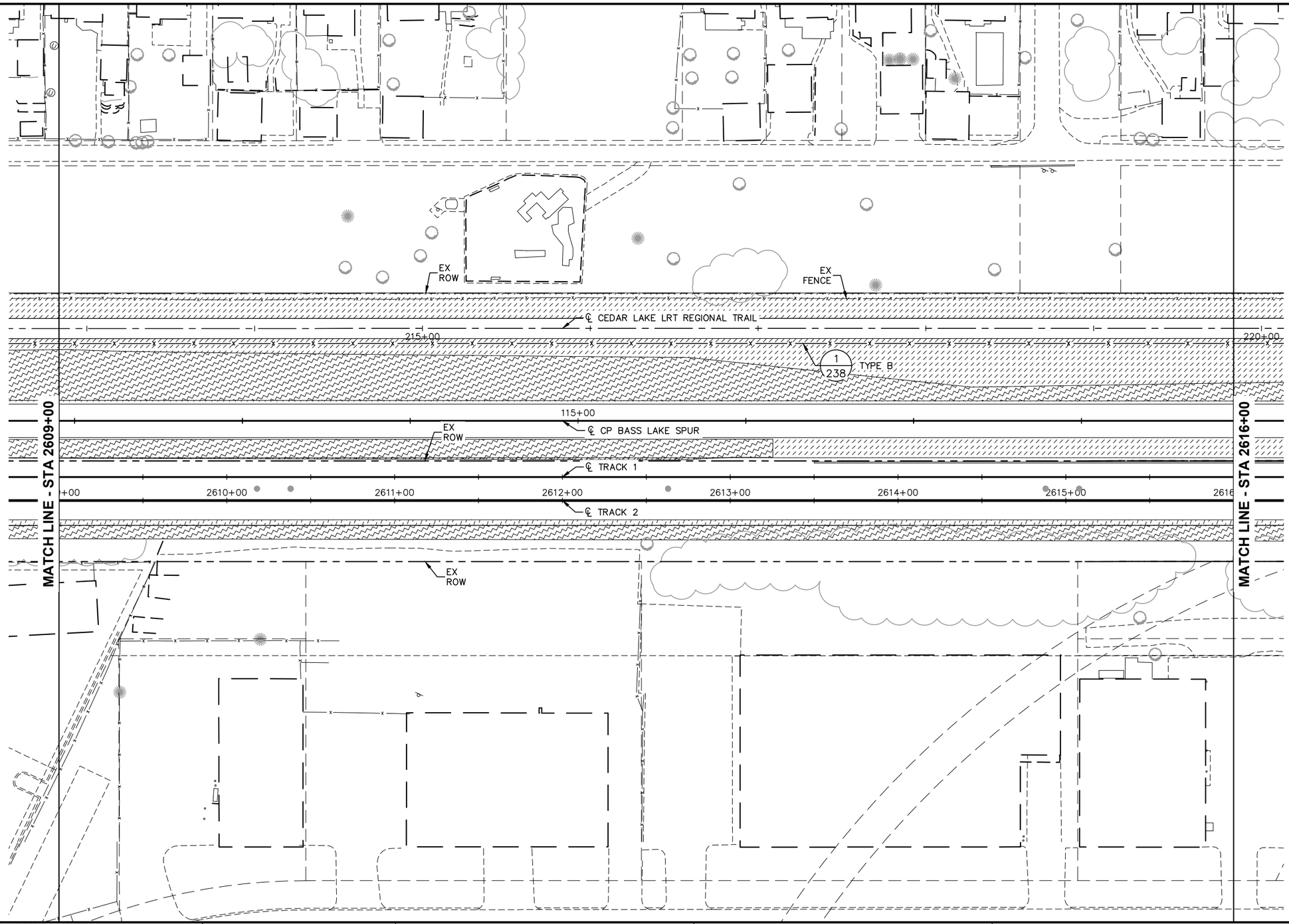
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2602+00 TO STA 2609+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 002

SHEET 89 OF 316

Jan, 18 2016 09:03 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

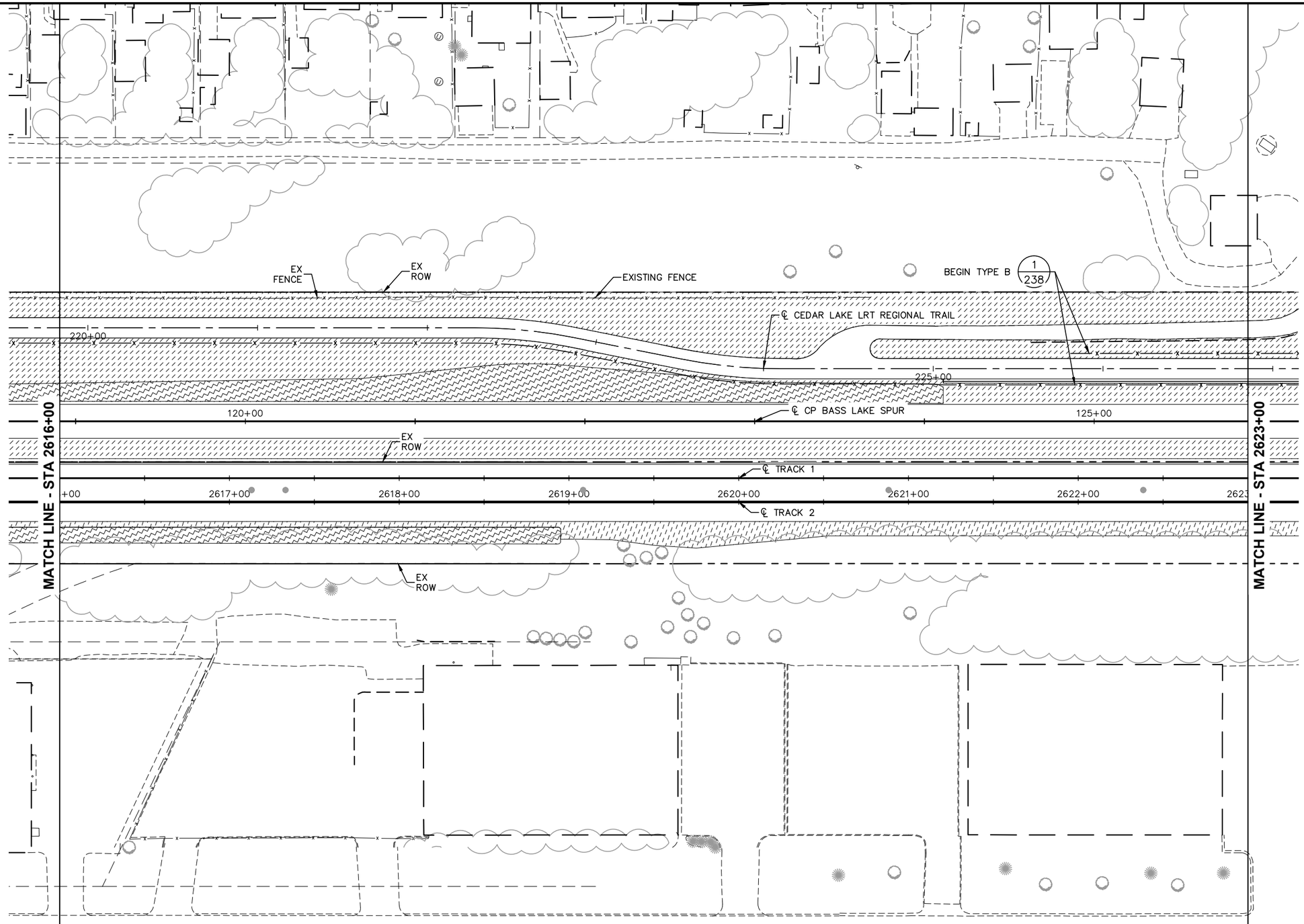
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2609+00 TO STA 2616+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 003

SHEET 90 OF 316

Jan, 18 2016 09:04 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

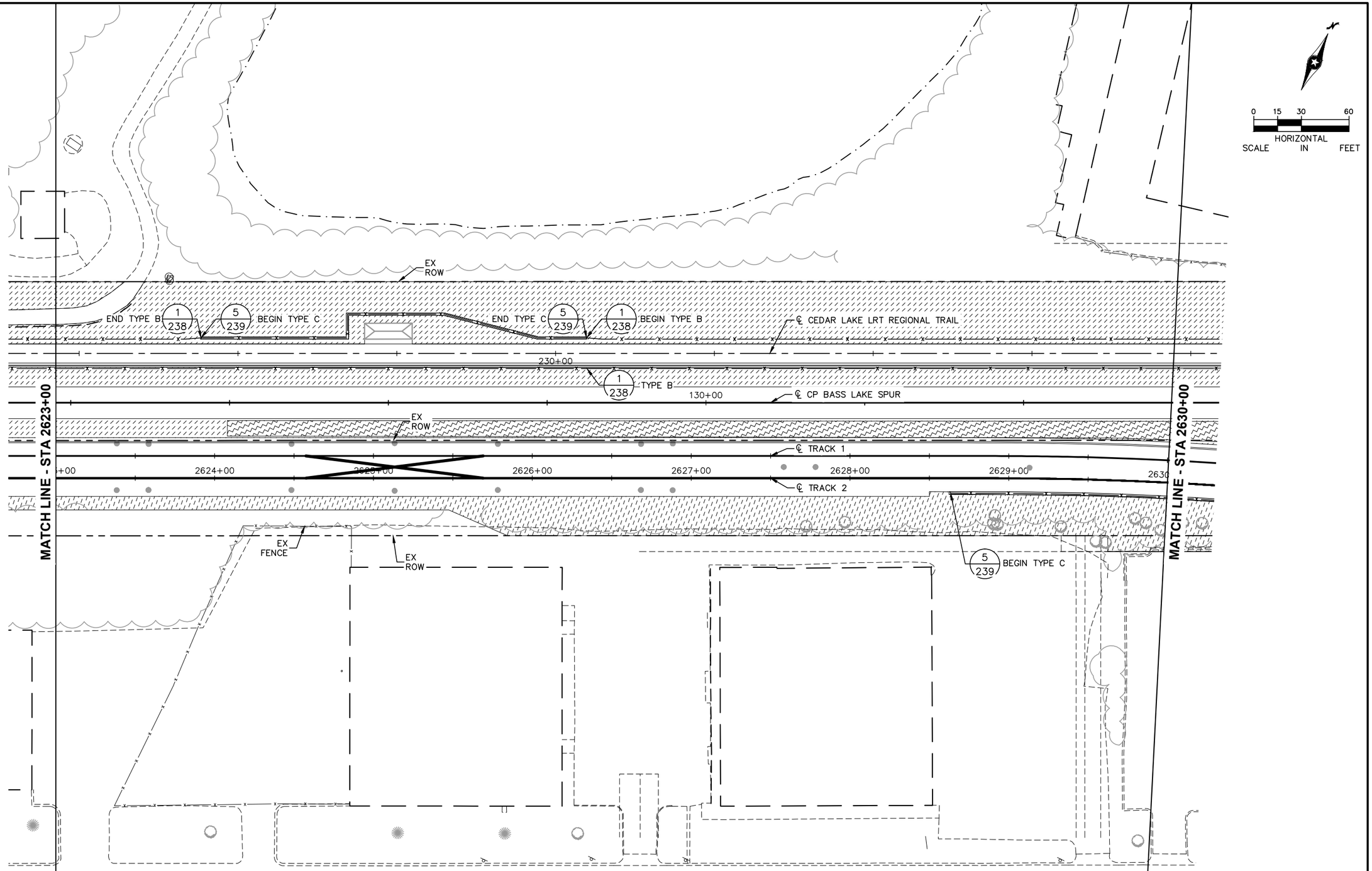
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2616+00 TO STA 2623+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 004

SHEET 91 OF 316

Jan, 18 2016 09:05 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

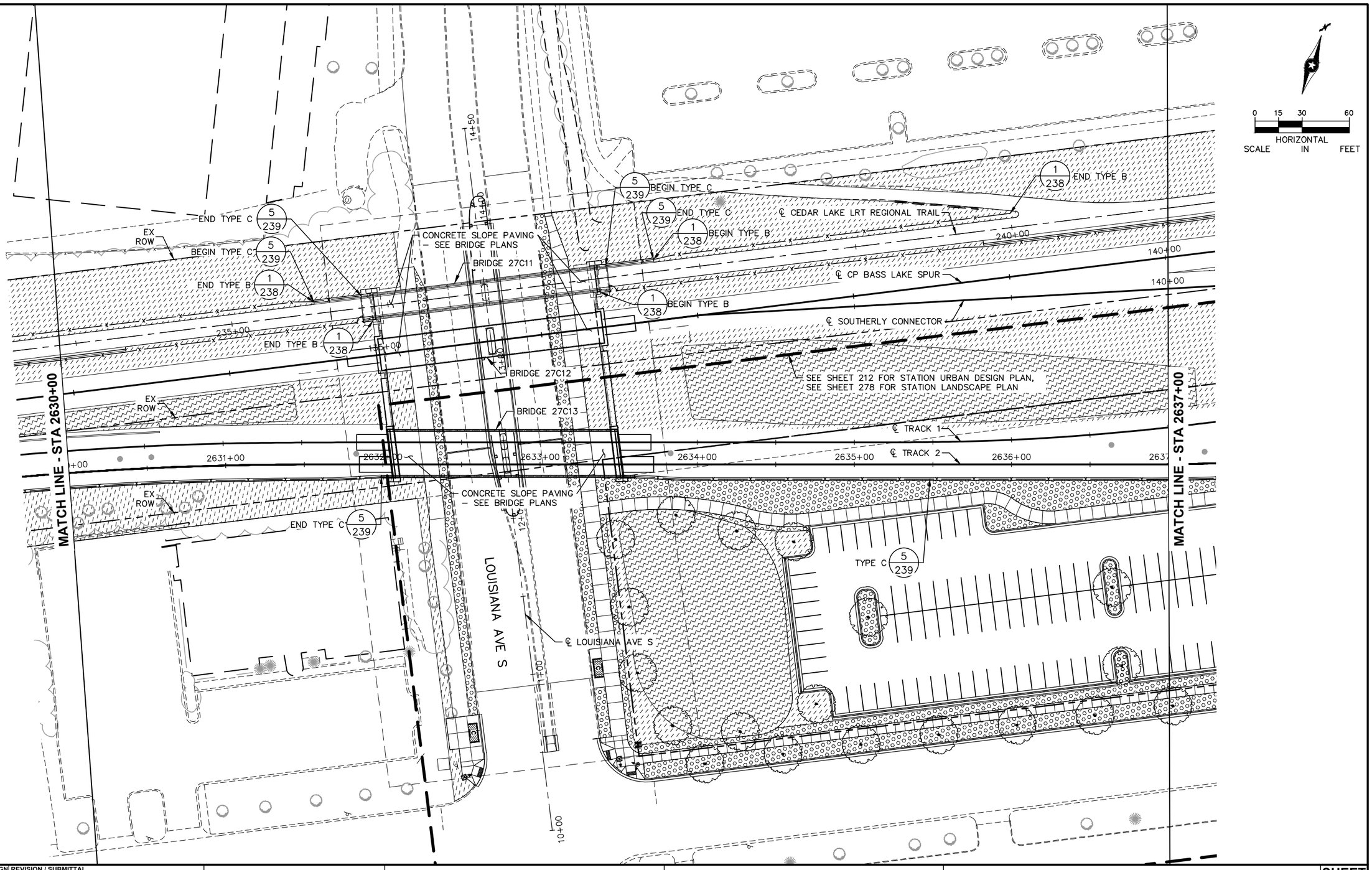
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2623+00 TO STA 2630+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 005

SHEET 92 OF 316

Jan, 18 2016 09:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2630+00 TO STA 2637+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 006

SHEET 93 OF 316

Jan, 18 2016 09:07 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell

EX ROW

LS-2
SEE SHEET XXX

℄ CEDAR LAKE LRT REGIONAL TRAIL

B

245+00

END TYPE C 5/239

END TYPE B 1/238 5/239 BEGIN TYPE C

140+00

145+00

BEGIN TYPE B 1/238

EX ROW

SEE SHEET 213 FOR STATION URBAN DESIGN PLAN,
SEE SHEET 279 FOR STATION LANDSCAPE PLAN

BRIDGE R0690

℄ CP BASS LAKE SPUR

140+00

℄ SOUTHERLY CONNECTOR

145+00

EX ROW

MATCH LINE - STA 2637+00

LOUISIANA STATION

℄ TRACK 1

℄ TRACK 2

BRIDGE R0691

2638+00

2639+00

2640+00

2641+00

2642+00

2643+00

MATCH LINE - STA 2644+00

OXFORD ST

0 15 30 60
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

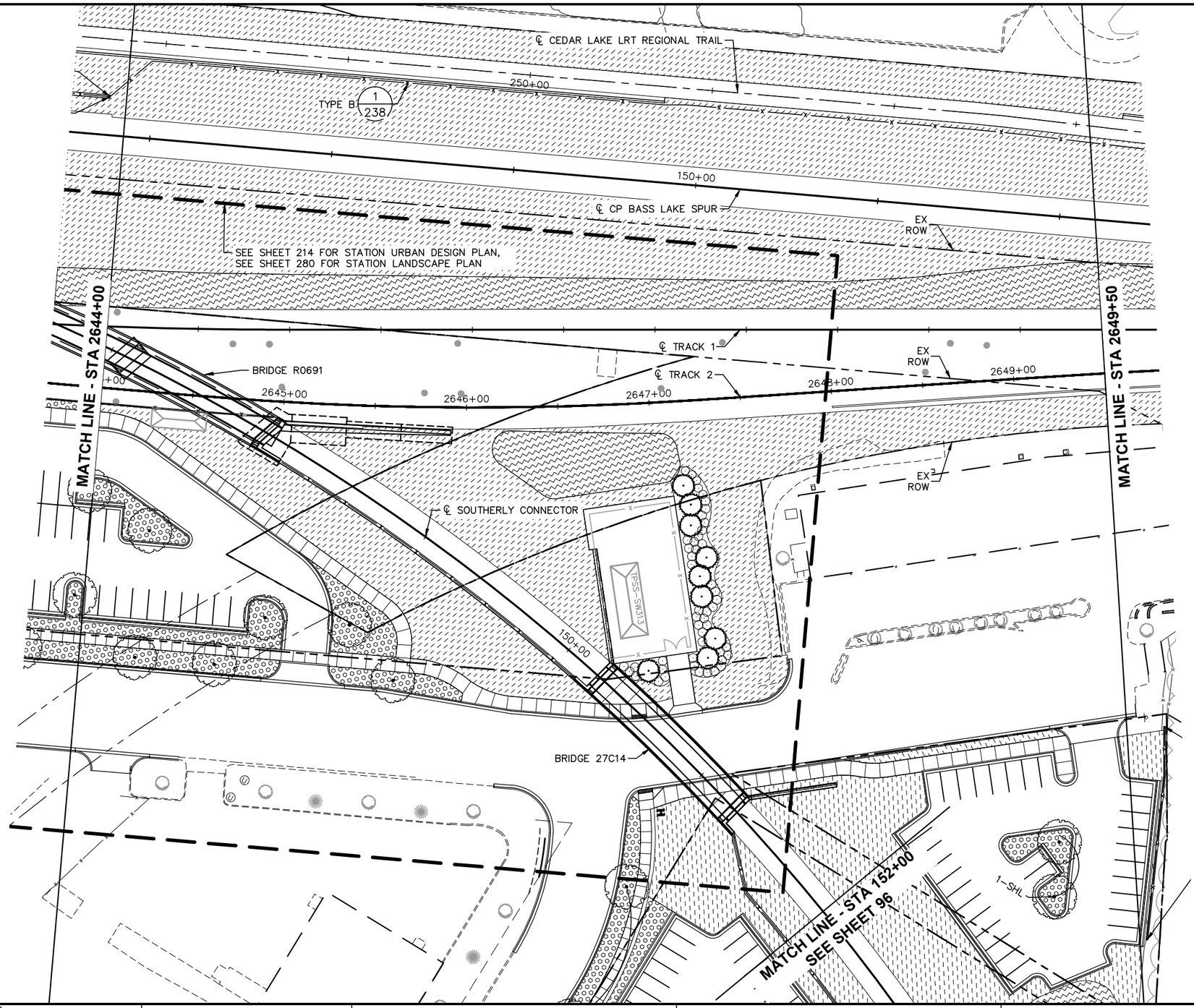
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2637+00 TO STA 2644+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 007

SHEET 94 OF 316

Jan, 18 2016 09:07 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

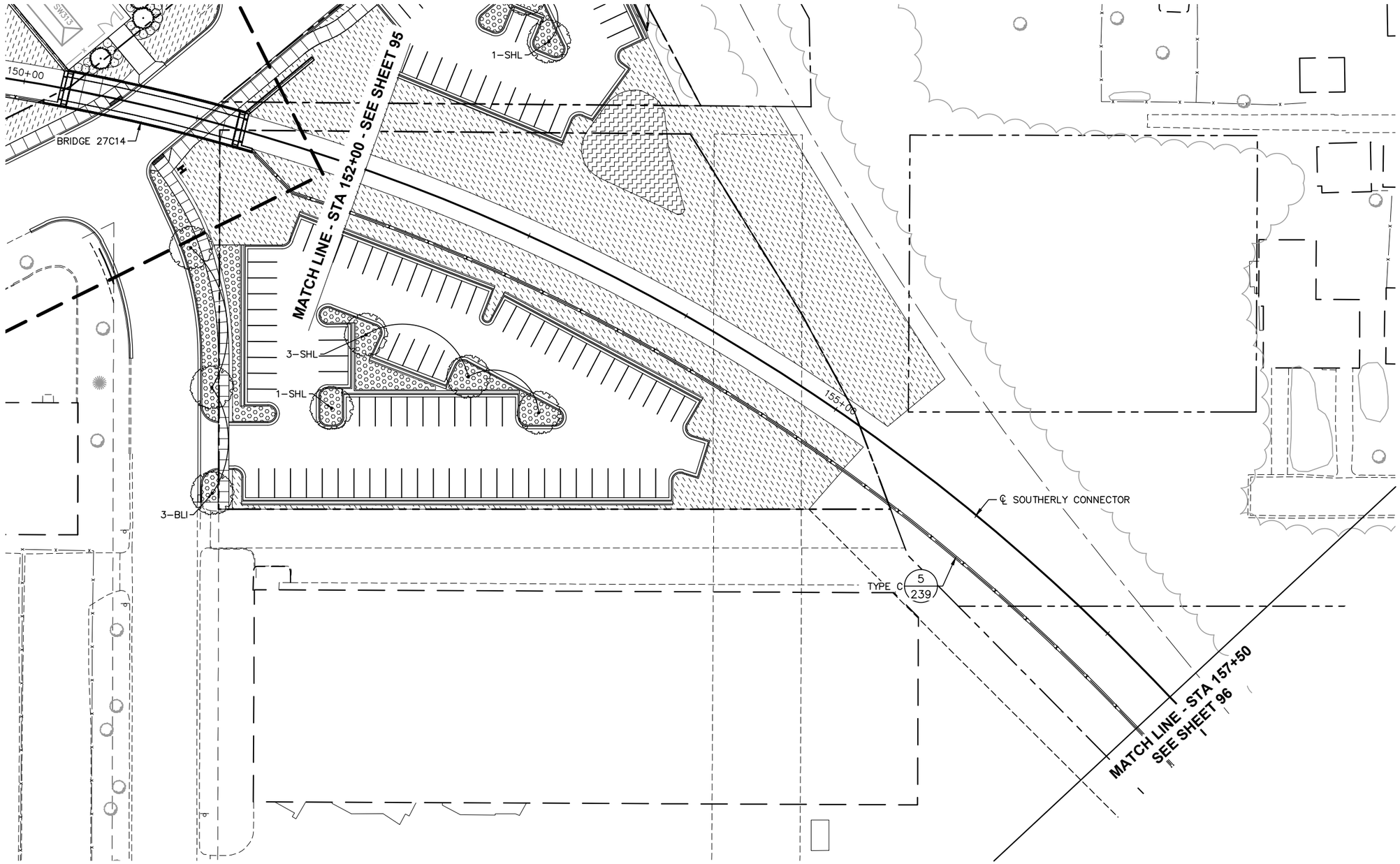
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2644+00 TO STA 2649+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 008

SHEET 95 OF 316

Jan, 18 2016 09:08 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



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METROPOLITAN COUNCIL

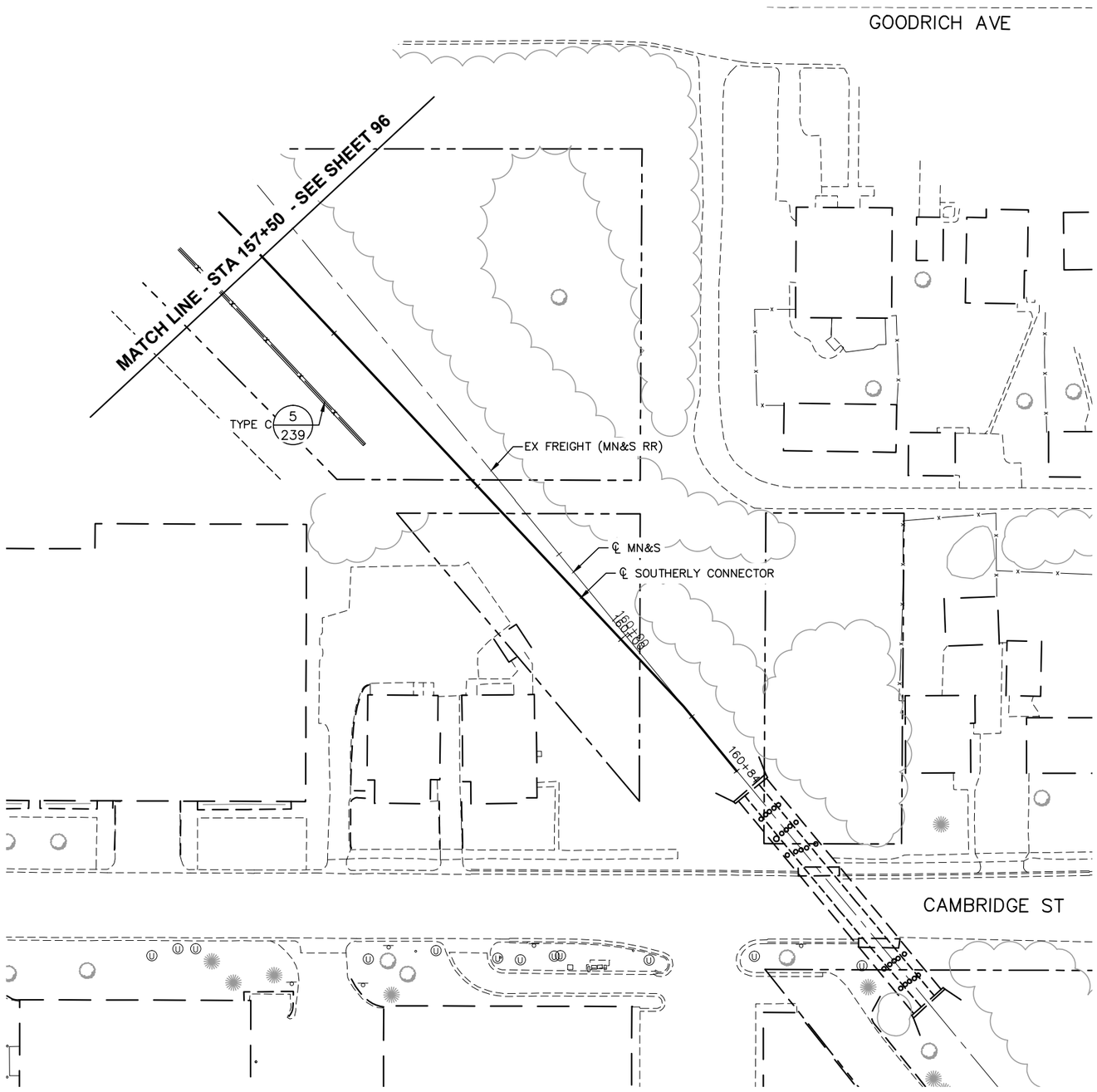
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 152+00 TO STA 157+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 009

SHEET 96 OF 316



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METROPOLITAN COUNCIL

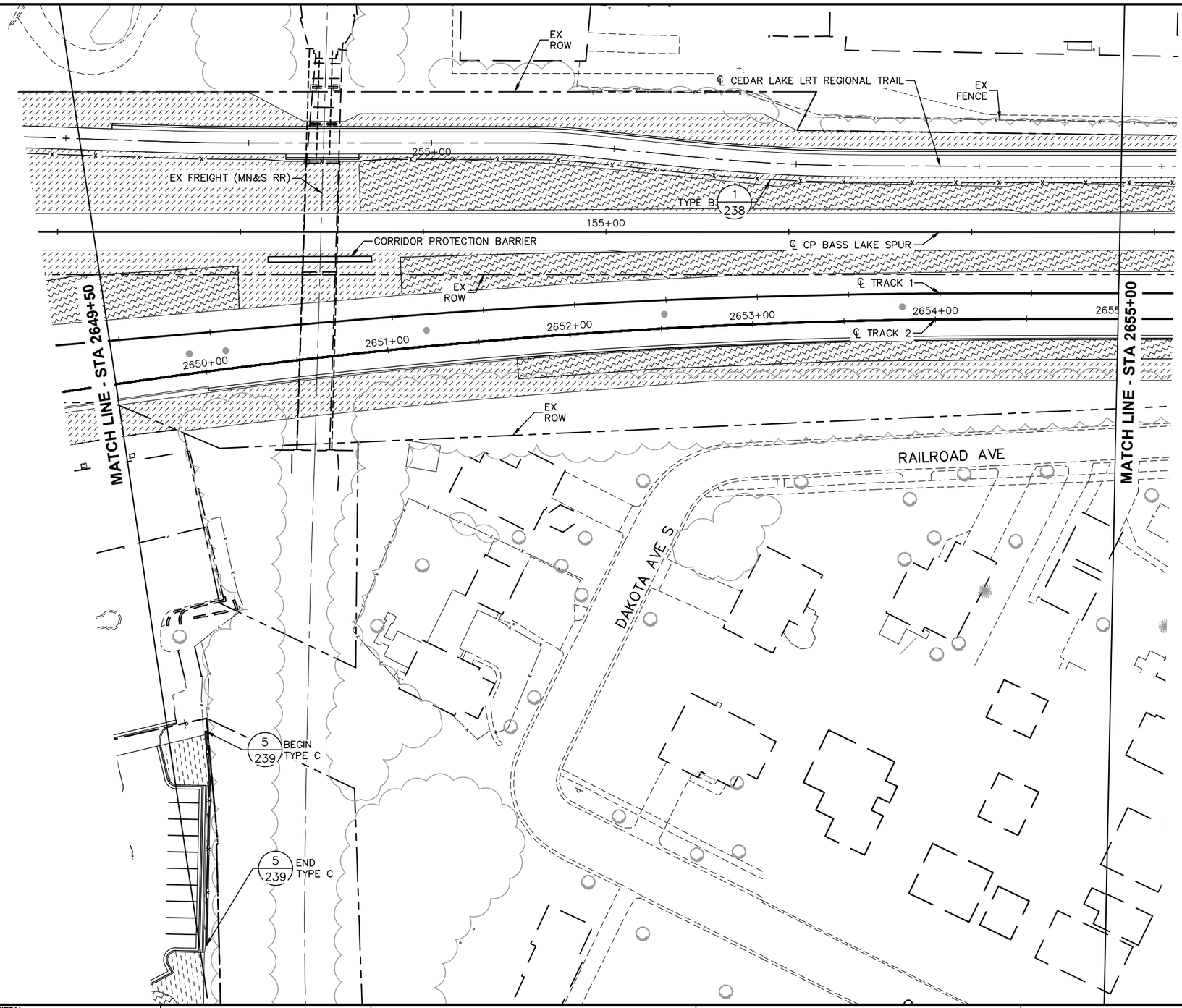
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 157+50 TO STA 160+84

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 010

SHEET 97 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

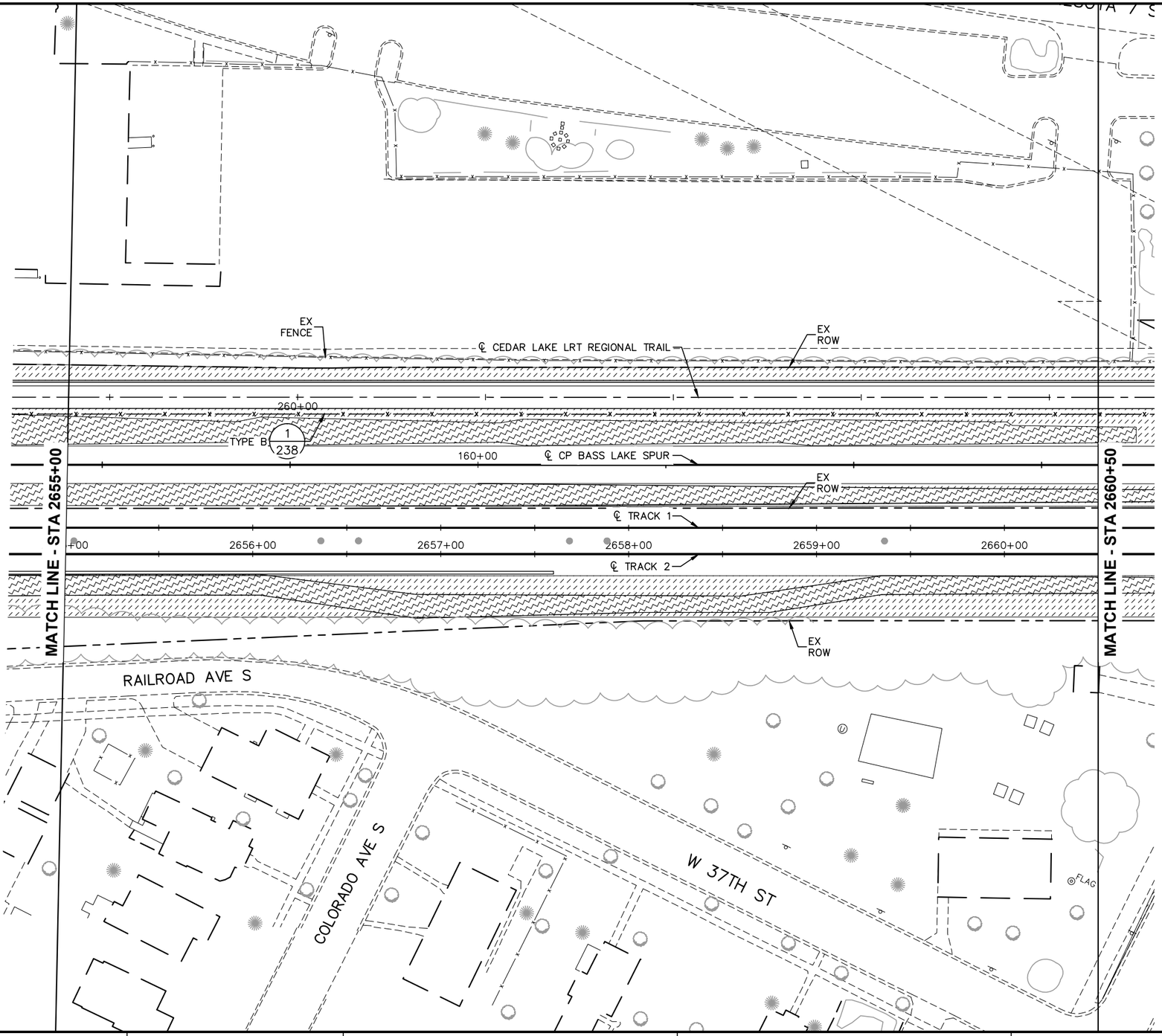
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2649+50 TO STA 2655+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 011

SHEET 98 OF 316

Jan, 18 2016 09:11 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

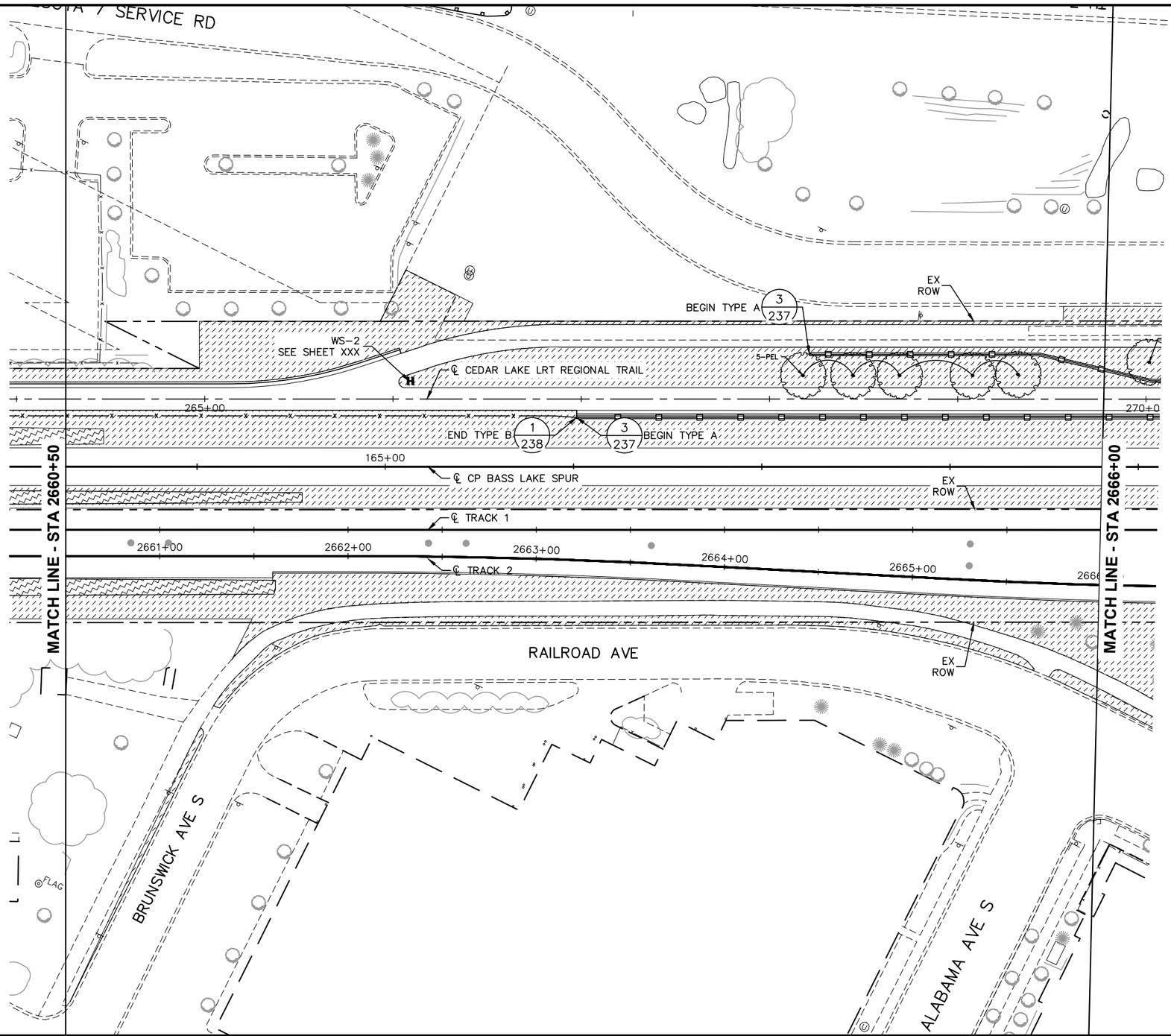
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2655+00 TO STA 2660+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 012

SHEET 99 OF 316

Jan, 18 2016 09:12 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



0 15 30 60
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

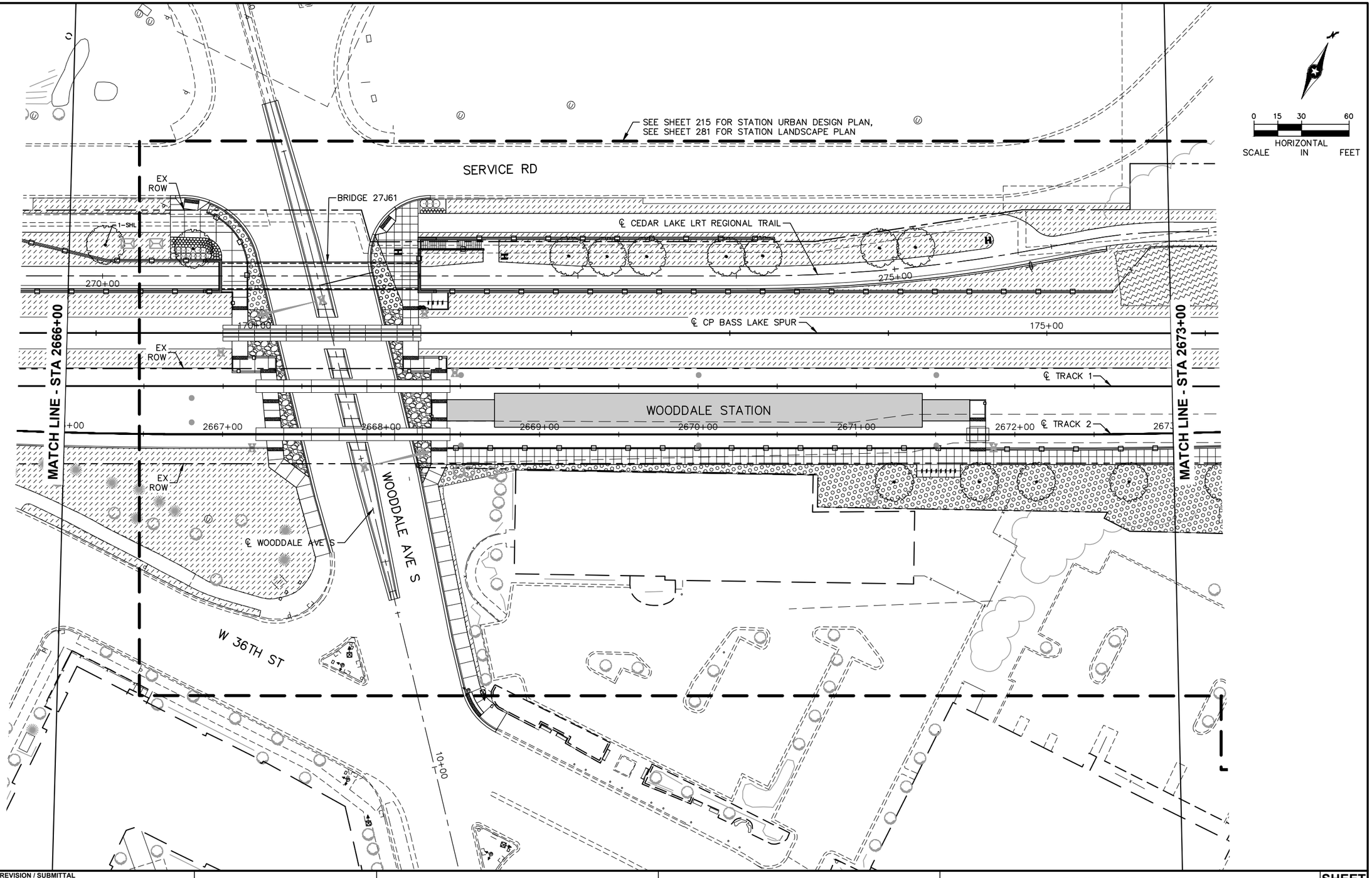
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2660+50 TO STA 2666+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 013

SHEET 100 OF 316

Jan, 18 2016 09:13 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



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METROPOLITAN COUNCIL

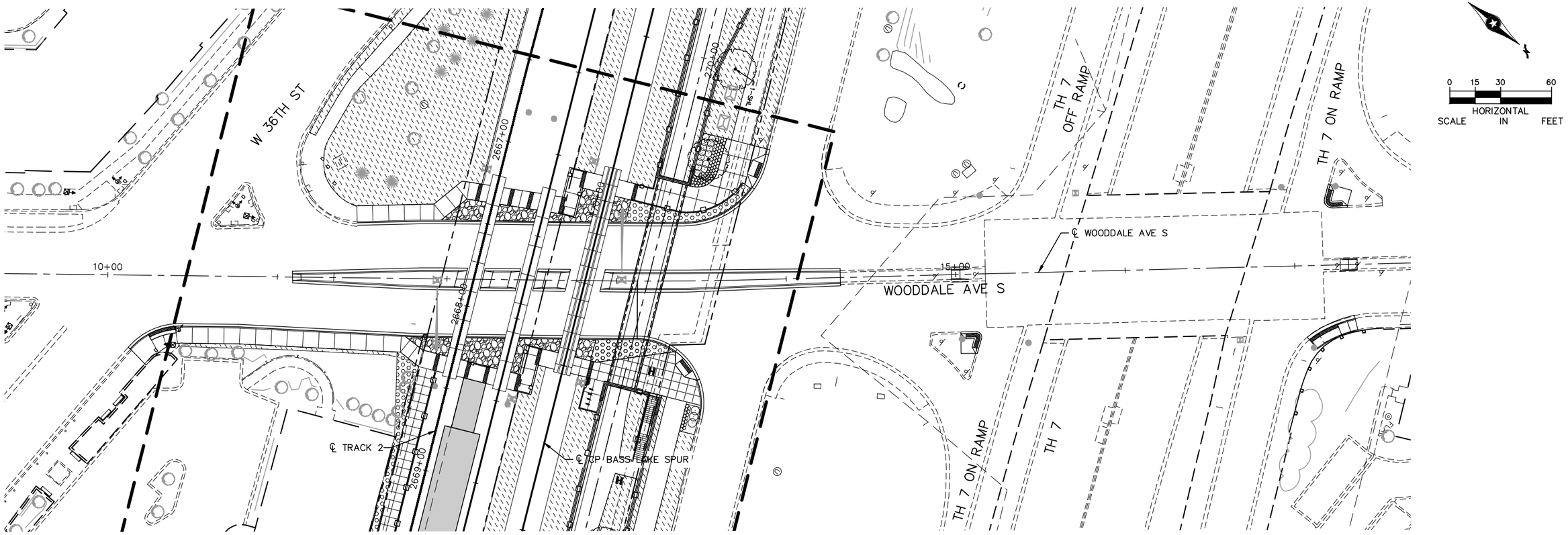
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2666+00 TO STA 2673+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 014

SHEET 101 OF 316



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
WOODDALE AVE S

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 015

SHEET 102 OF 316

Jan, 18 2016 09:15 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell

SEE SHEET 216 FOR STATION URBAN DESIGN PLAN,
SEE SHEET 282 FOR STATION LANDSCAPE PLAN

EX ROW

℄ CEDAR LAKE LRT REGIONAL TRAIL

280+00

TYPE B 1/238

℄ CP BASS LAKE SPUR

180+00

EX ROW

℄ TRACK 1

℄ TRACK 2

2674+00

2675+00

2676+00

2677+00

2678+00

2679+00

MATCH LINE - STA 2673+00

MATCH LINE - STA 2680+00

EX ROW

1/238 END TYPE B

W 35TH 1/2 ST

XENWOOD AVE S

CAMERATA WAY

0 15 30 60

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

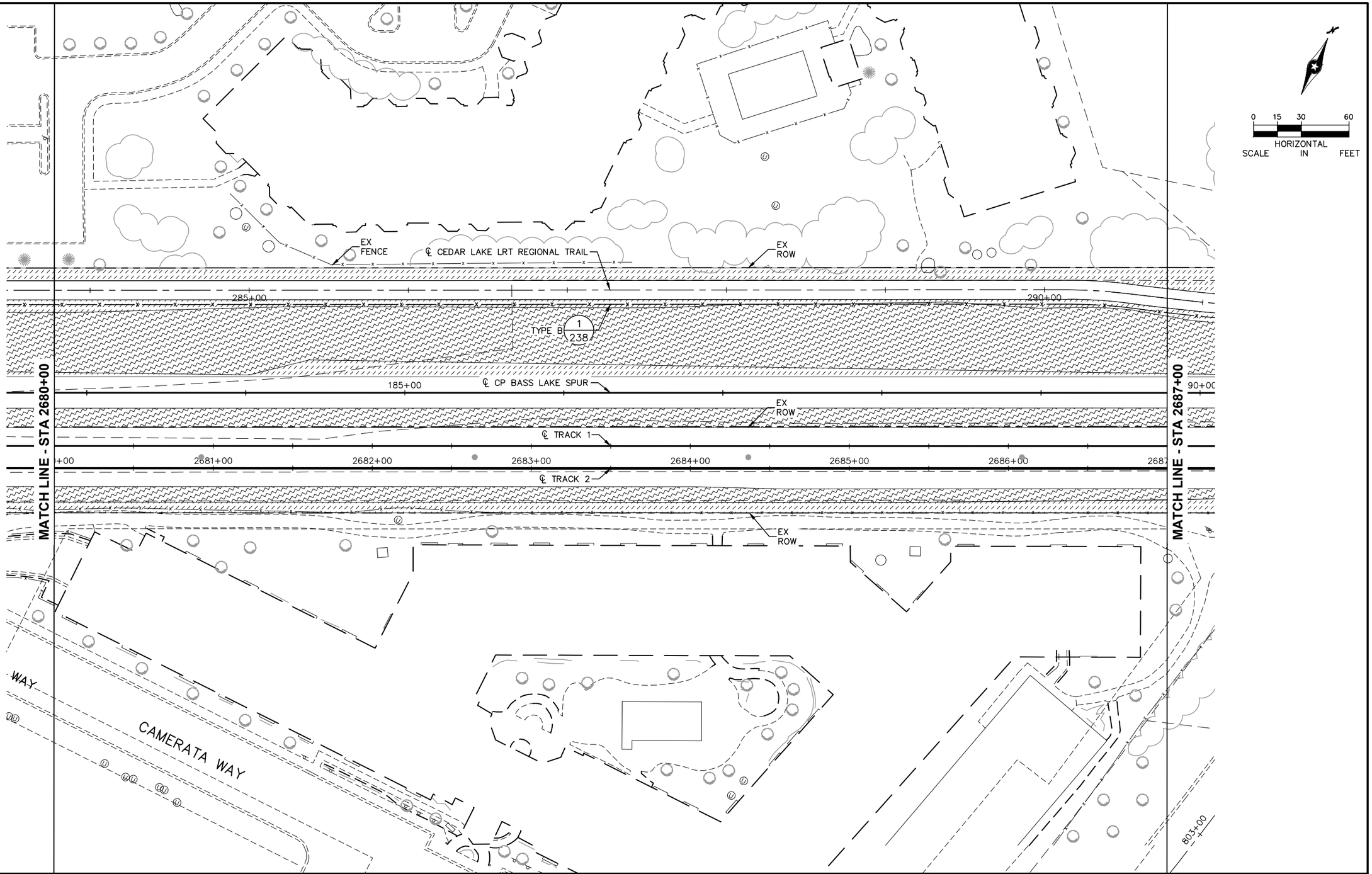
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2673+00 TO STA 2680+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 016

SHEET 103 OF 316

Jan. 18 2016 09:15 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

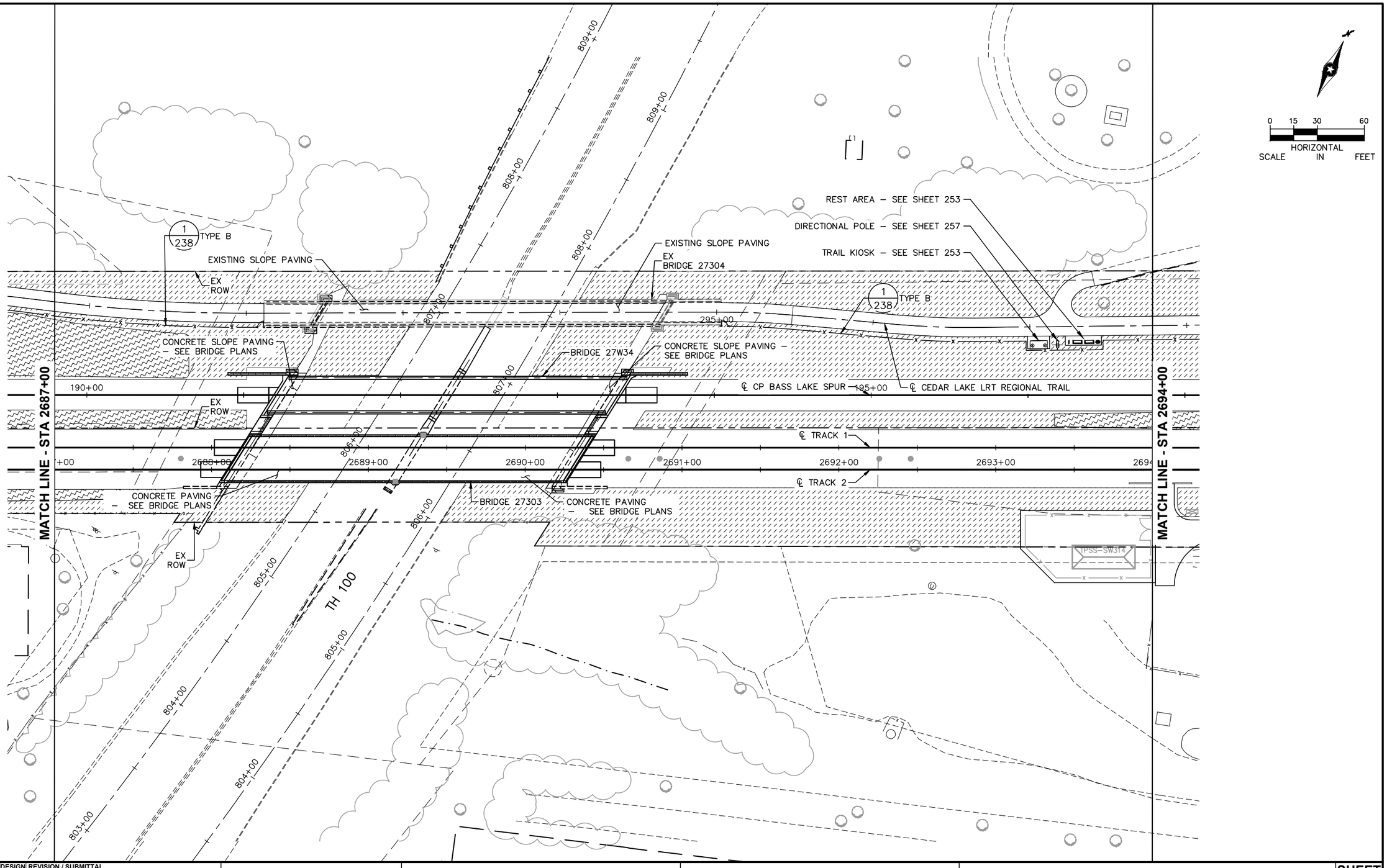
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2680+00 TO STA 2687+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 017

SHEET 104 OF 316

Jan, 18 2016 09:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

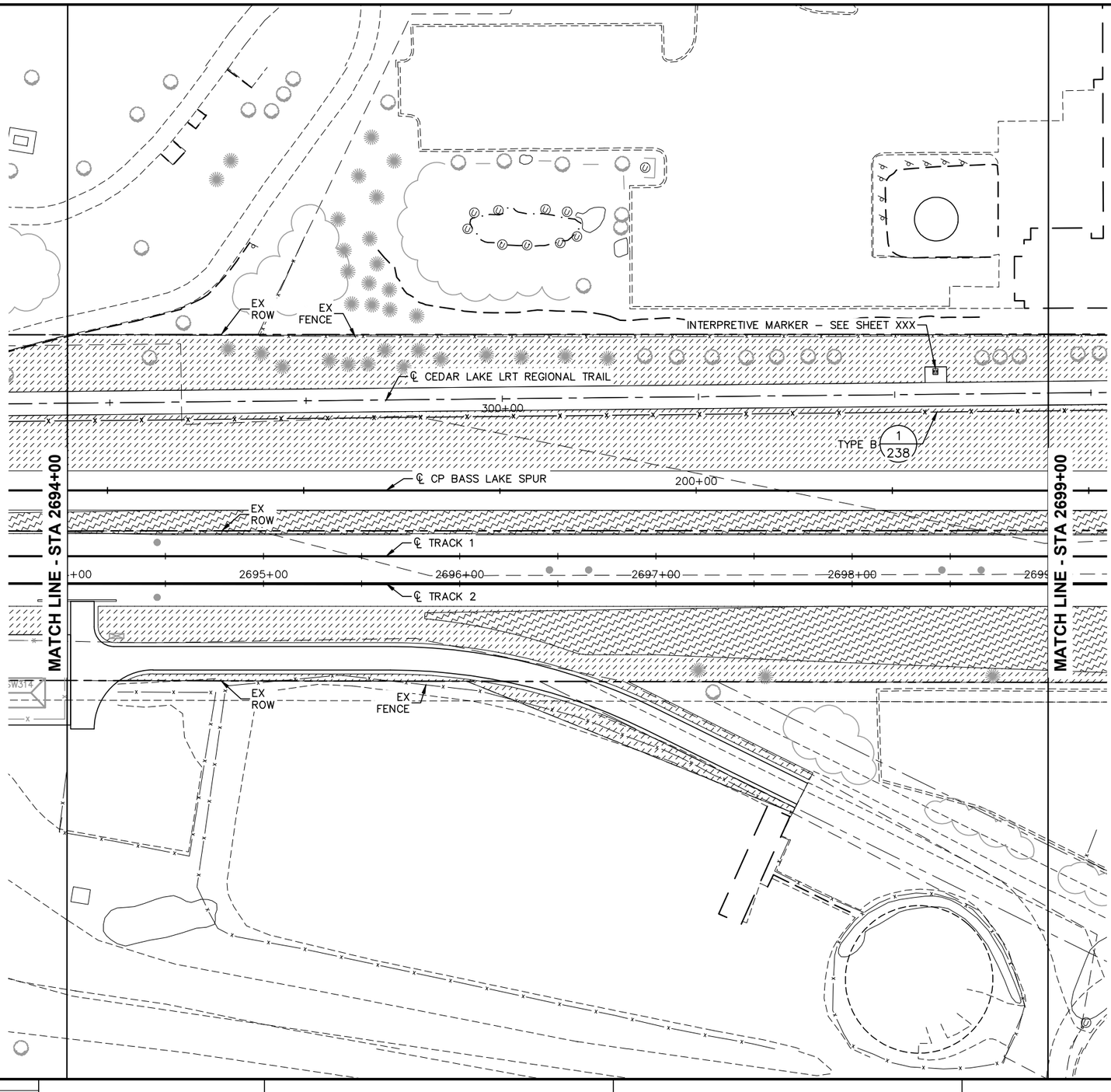
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2687+00 TO STA 2694+00

SHEET 105 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 018

Jan, 18 2016 09:17 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

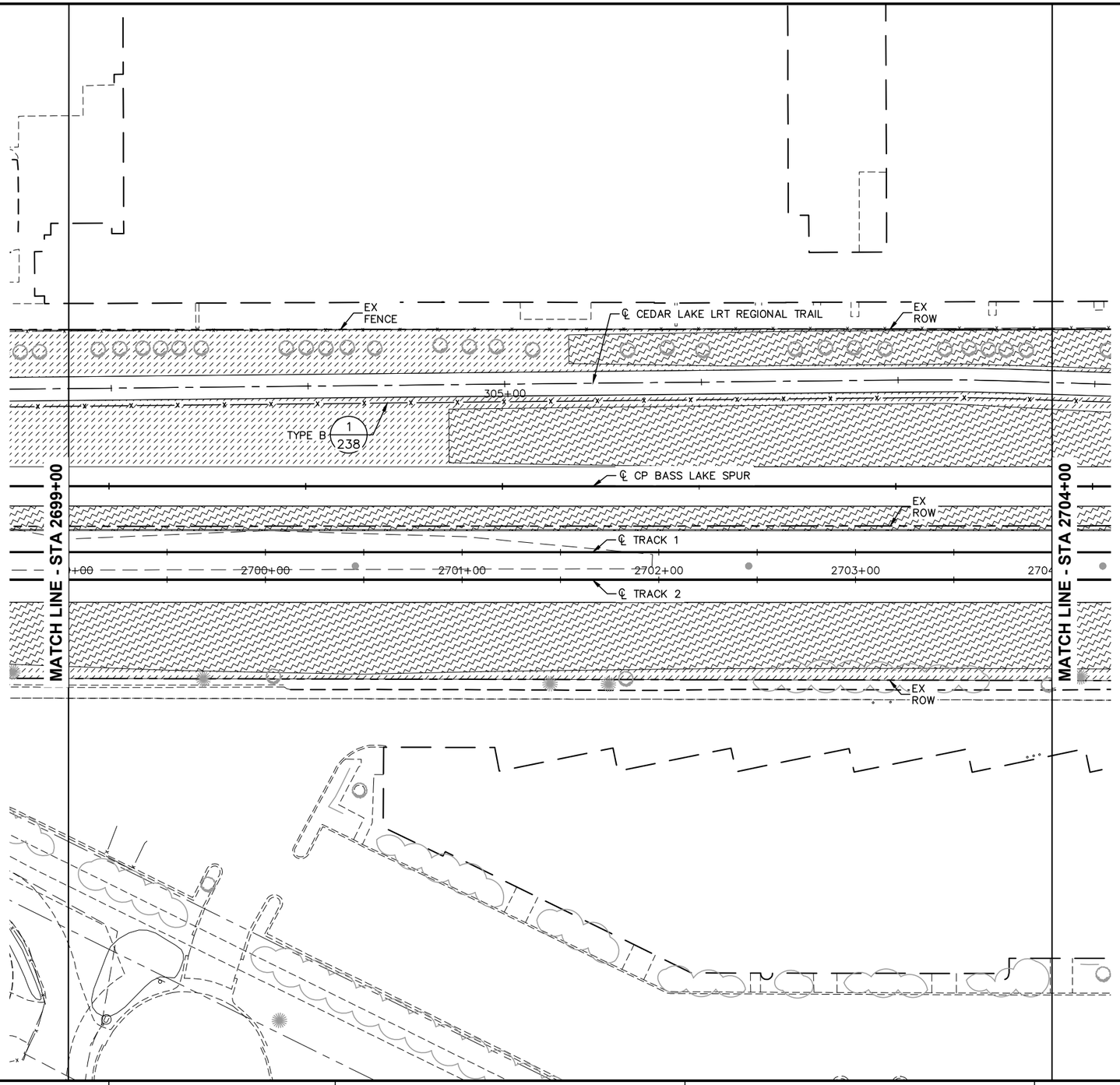
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2694+00 TO STA 2699+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 019

SHEET 106 OF 316

Jan, 18 2016 09:18 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



0 15 30 60

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

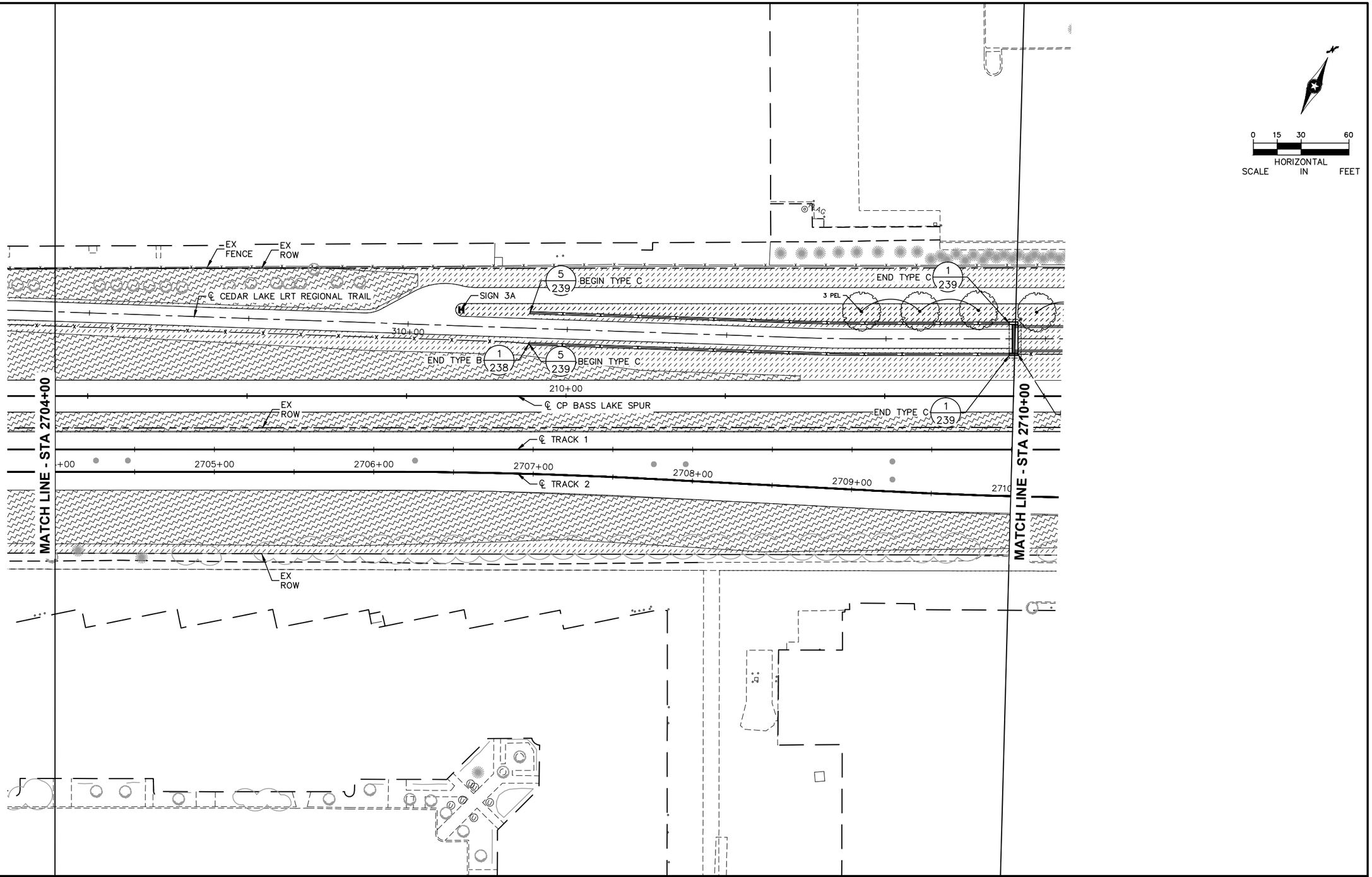
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2699+00 TO STA 2704+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 020

SHEET 107 OF 316

Jan, 18 2016 09:19 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

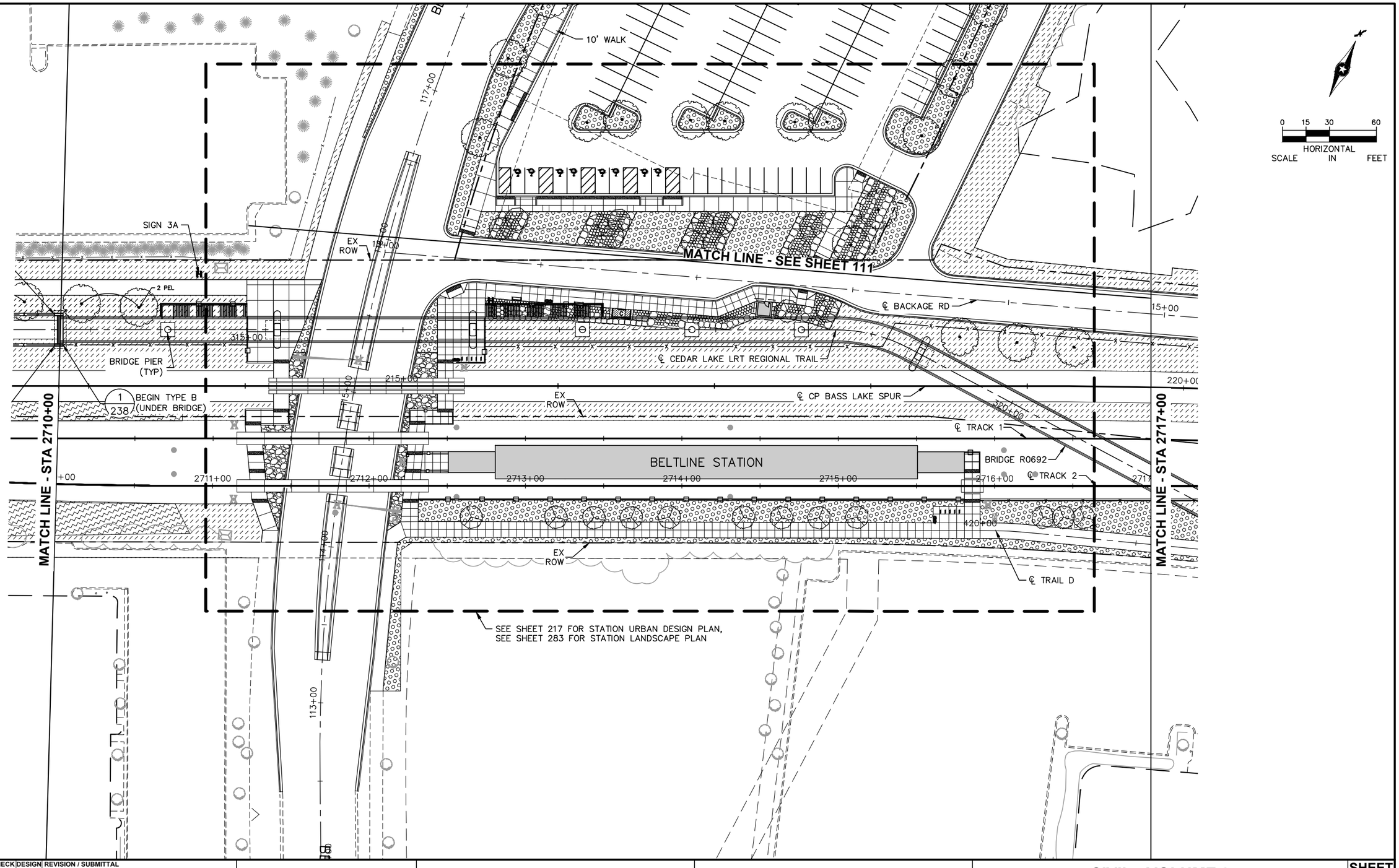
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2704+00 TO STA 2710+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 021

SHEET 108 OF 316

Jan, 18 2016 09:20 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

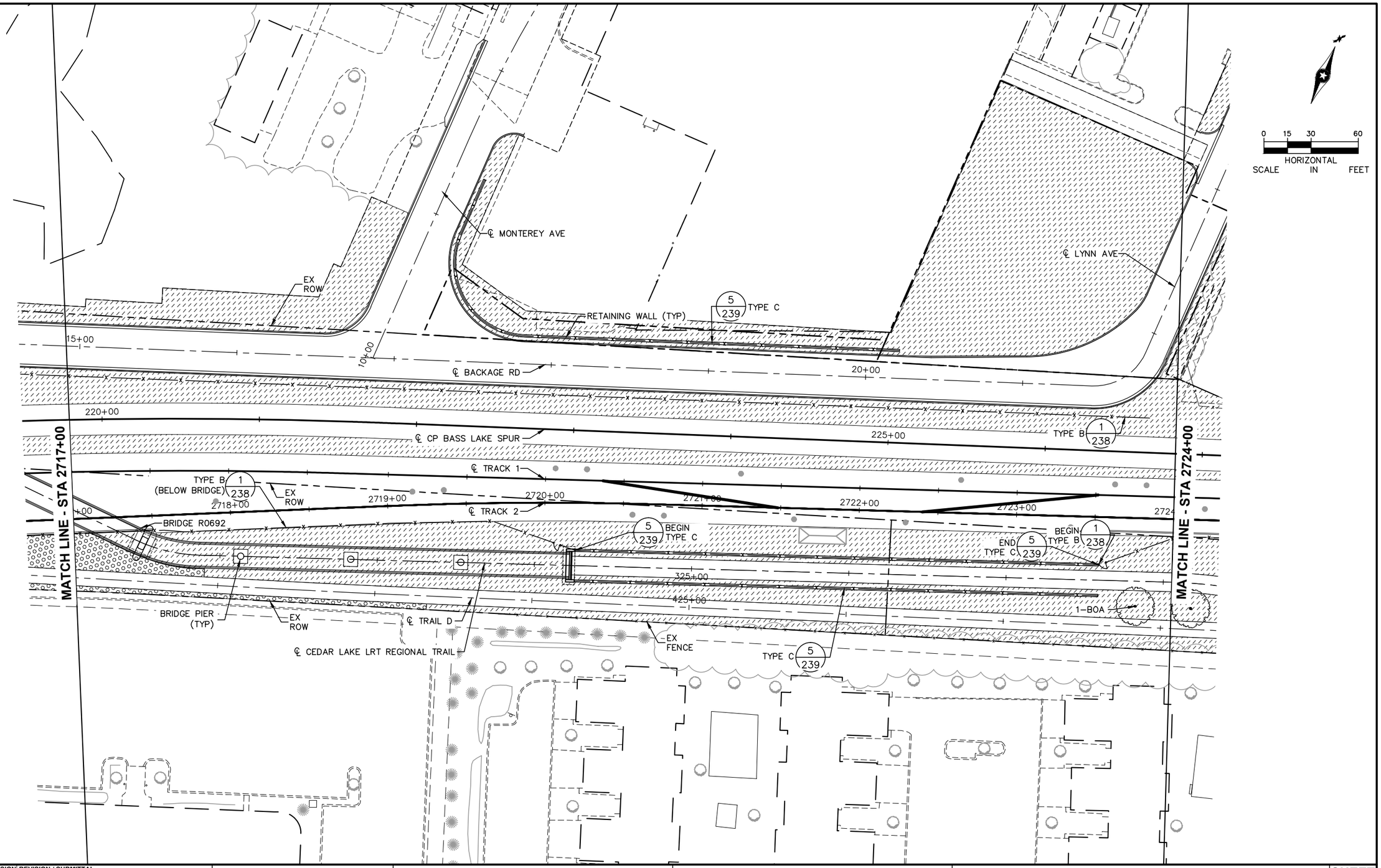
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2710+00 TO STA 2717+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 022

SHEET 109 OF 316

Jan, 18 2016 09:21 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

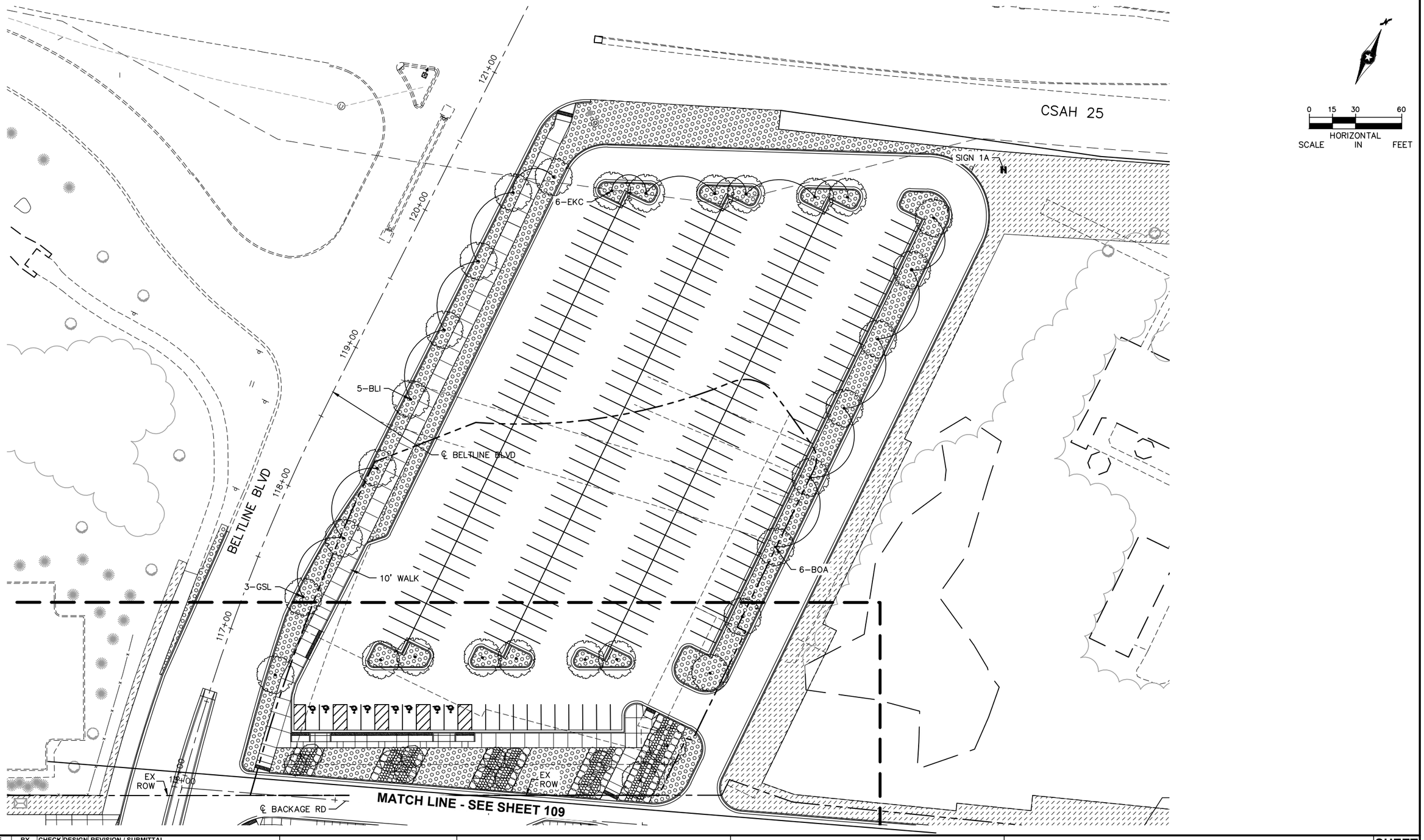
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2717+00 TO STA 2724+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 023

SHEET 110 OF 316

Jan, 18 2016 09:22 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



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METROPOLITAN COUNCIL

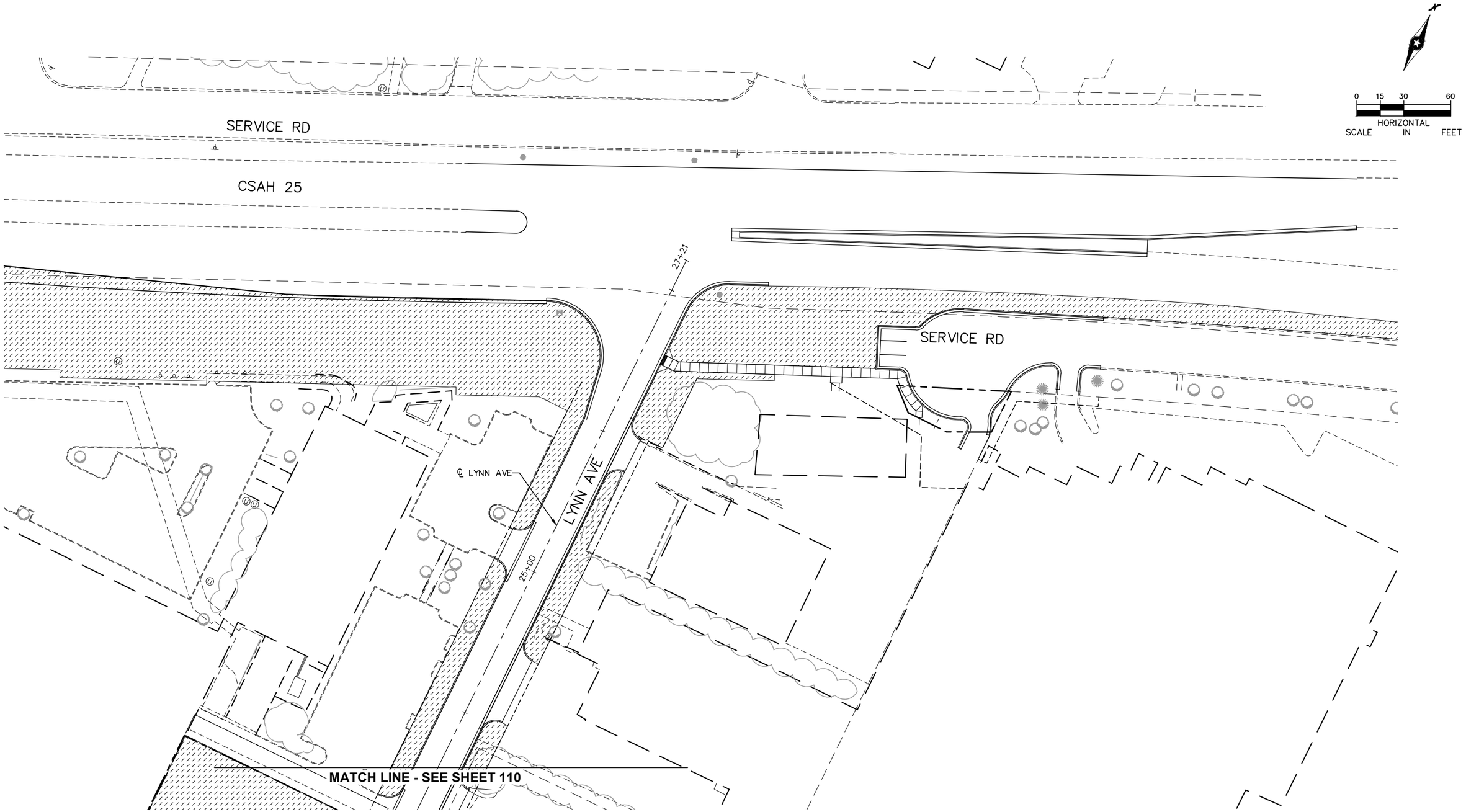
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
BELTLINE PARK AND RIDE

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 024

SHEET 111 OF 316



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AECOM Kimley»Horn

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

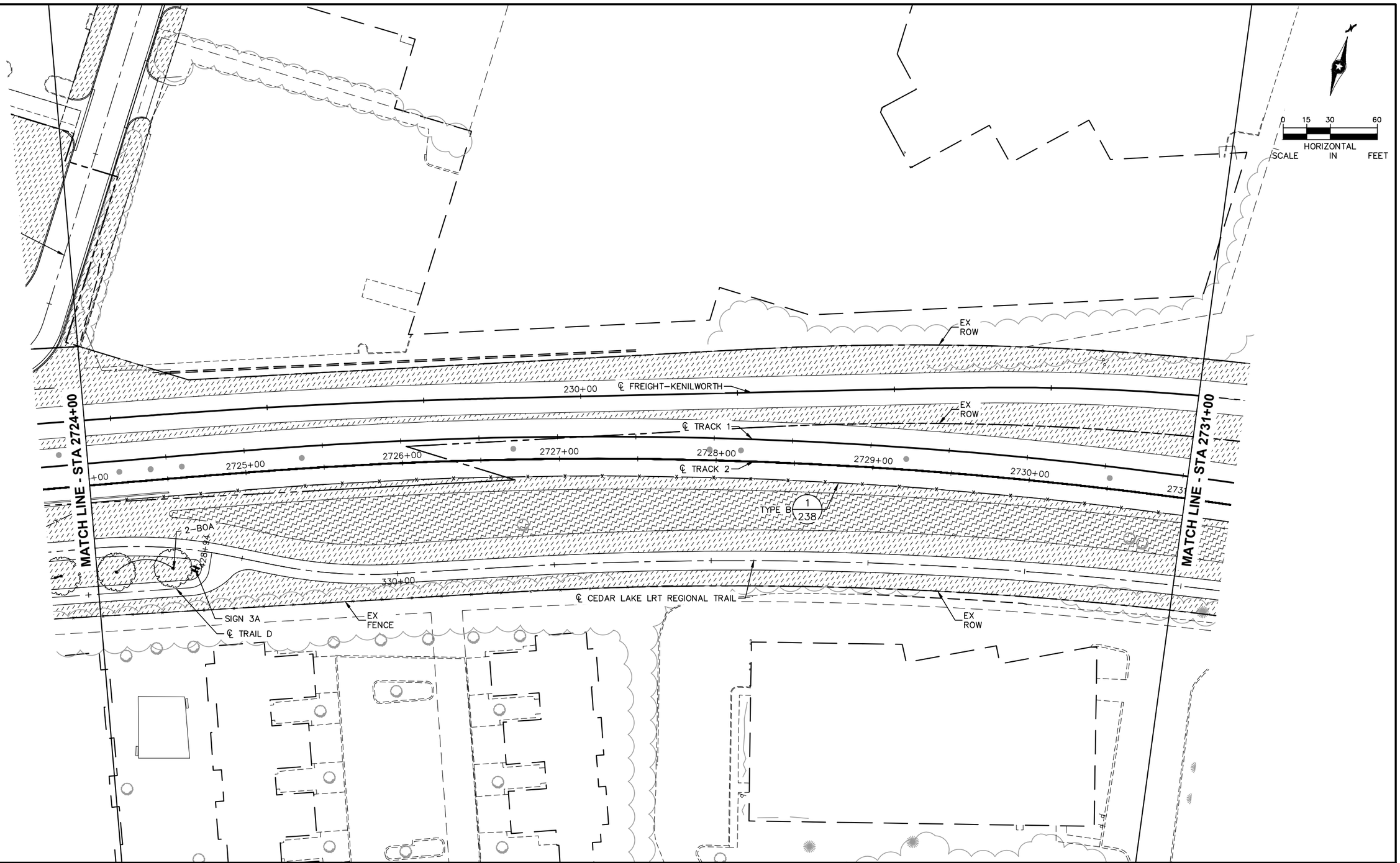
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
SERVICE ROAD

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 025

SHEET 112 OF 316

Jan, 18 2016 09:25 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

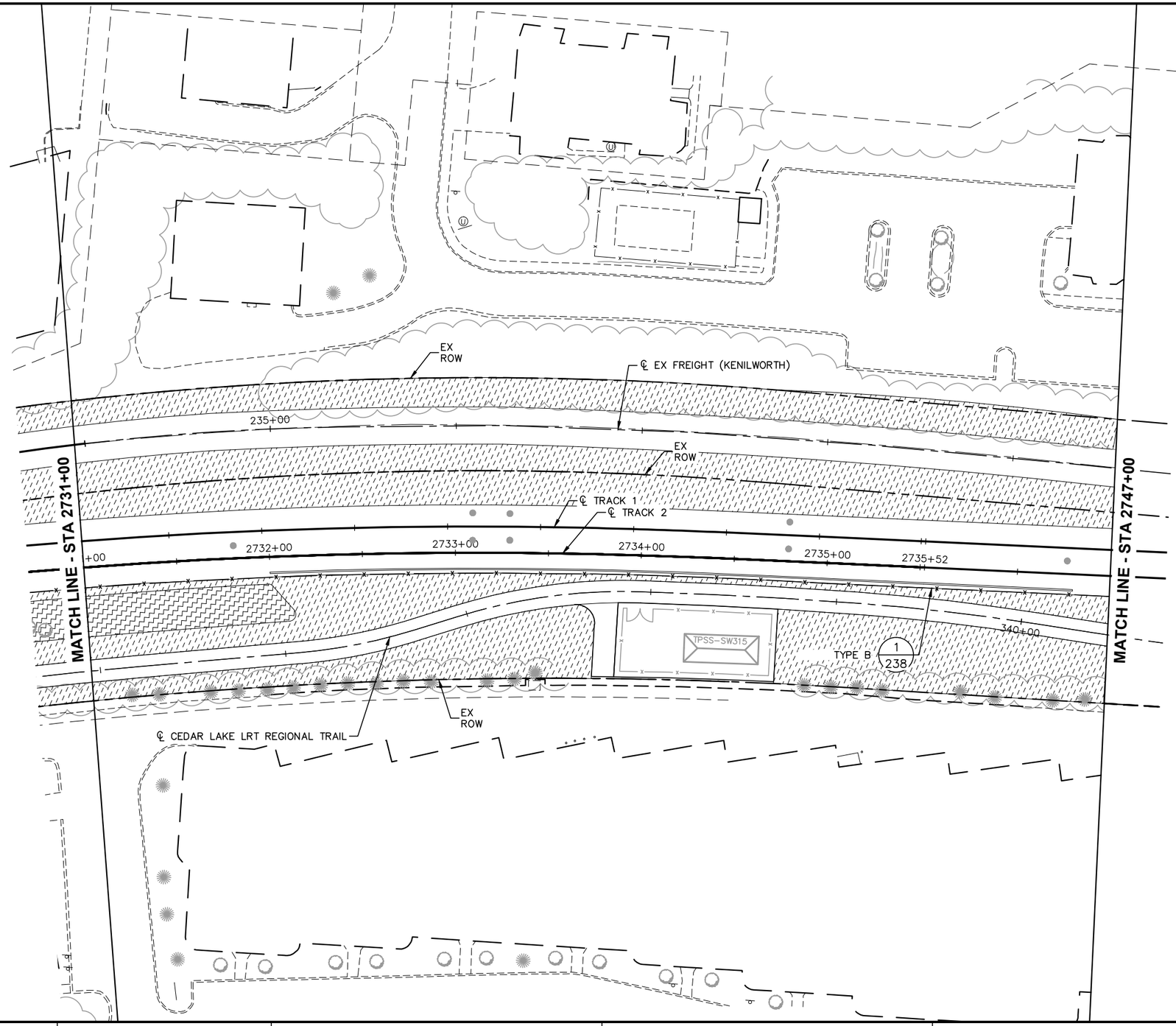
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2724+00 TO STA 2731+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 026

SHEET 113 OF 316

Jan, 18 2016 09:26 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



0 15 30 60
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

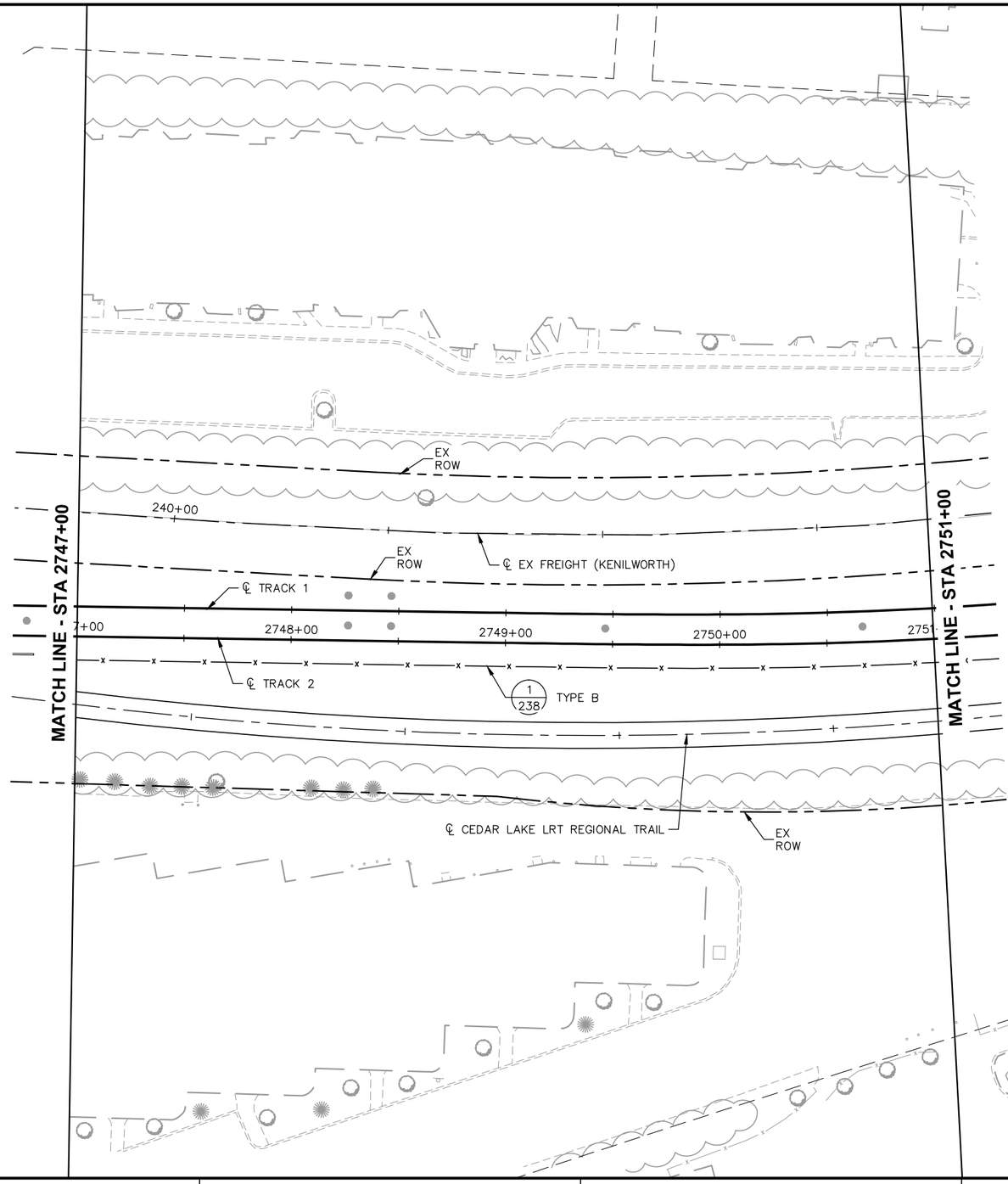
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2731+00 TO STA 2747+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-COR-PLN - 027

SHEET 114 OF 316

Jan, 18 2016 09:27 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-COR-PLN.dwg By: joe.cogswell



0 15 30 60

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

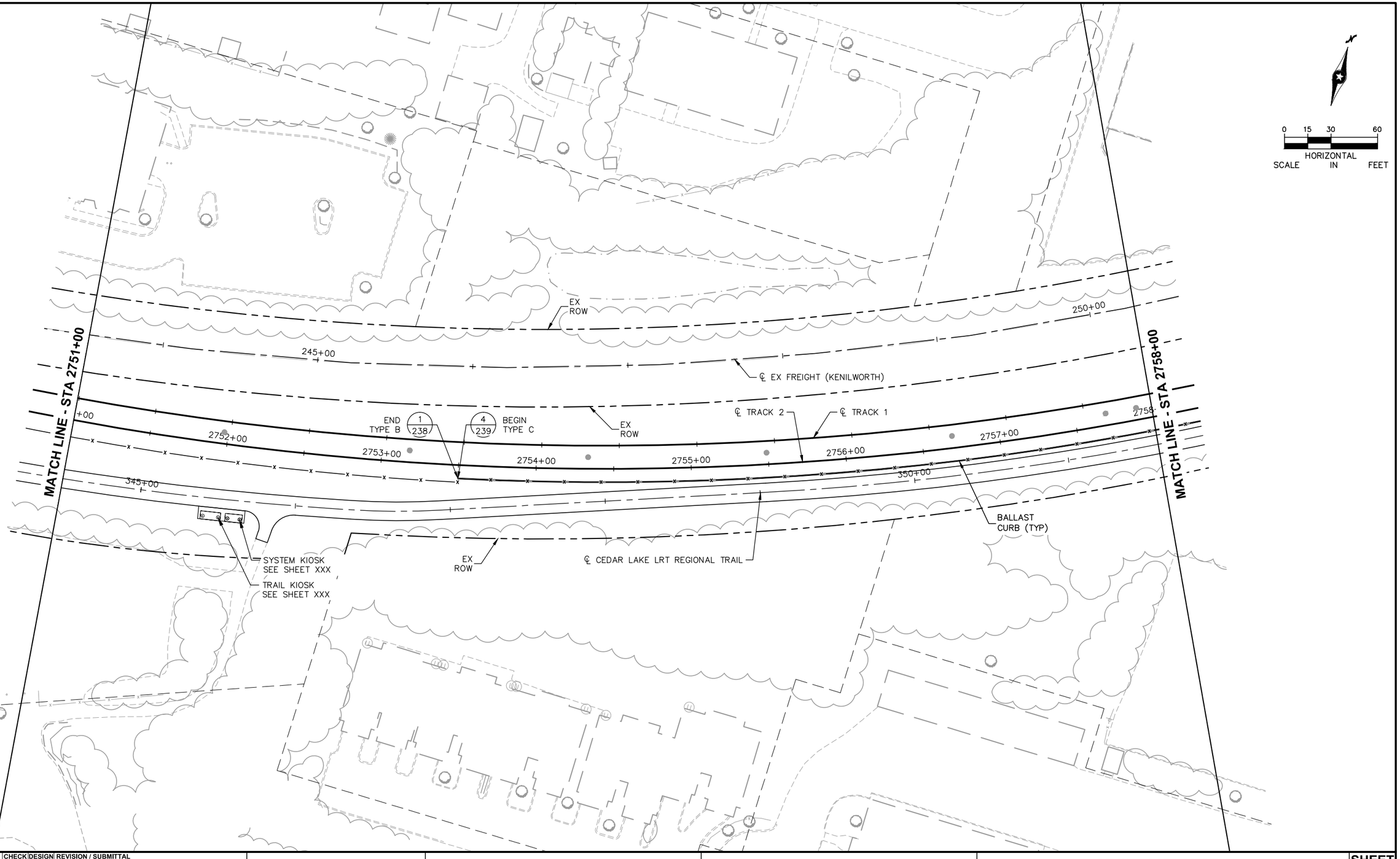
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2747+00 TO STA 2751+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 001

SHEET 115 OF 316

Jan, 19 2016 07:50 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

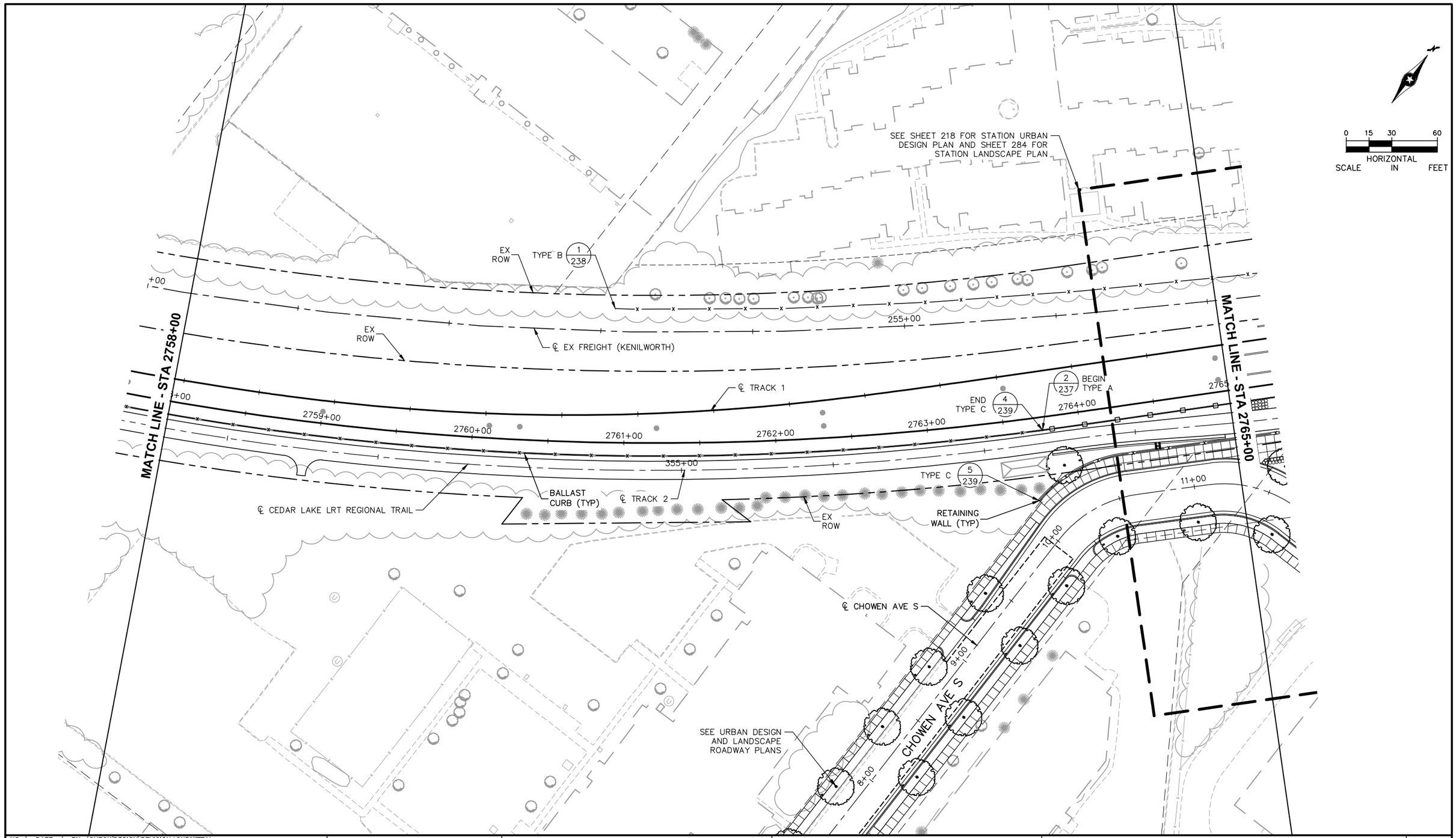
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2751+00 TO STA 2758+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 002

SHEET 115 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

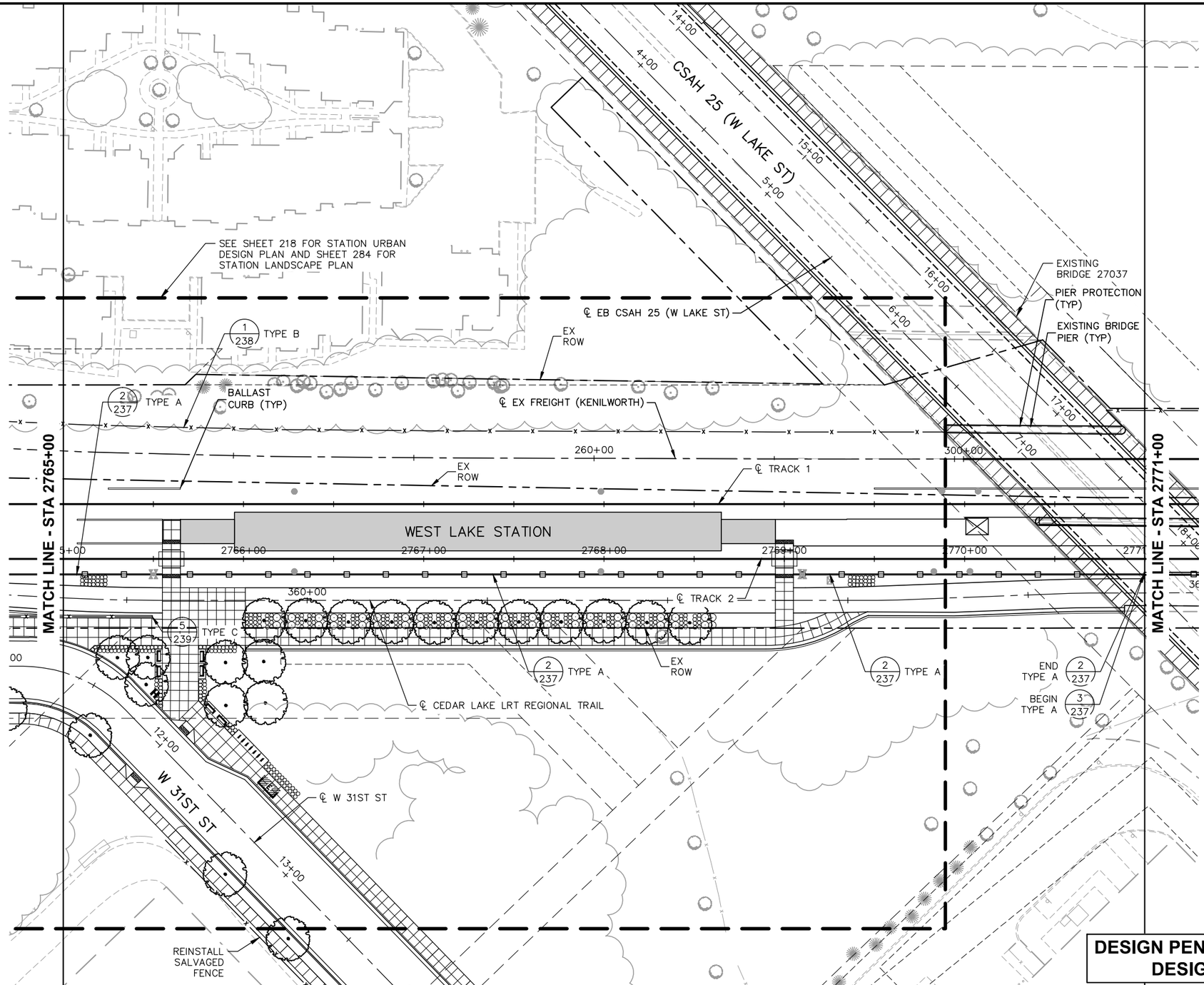
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2758+00 TO STA 2765+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 003

SHEET 117 OF 316



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

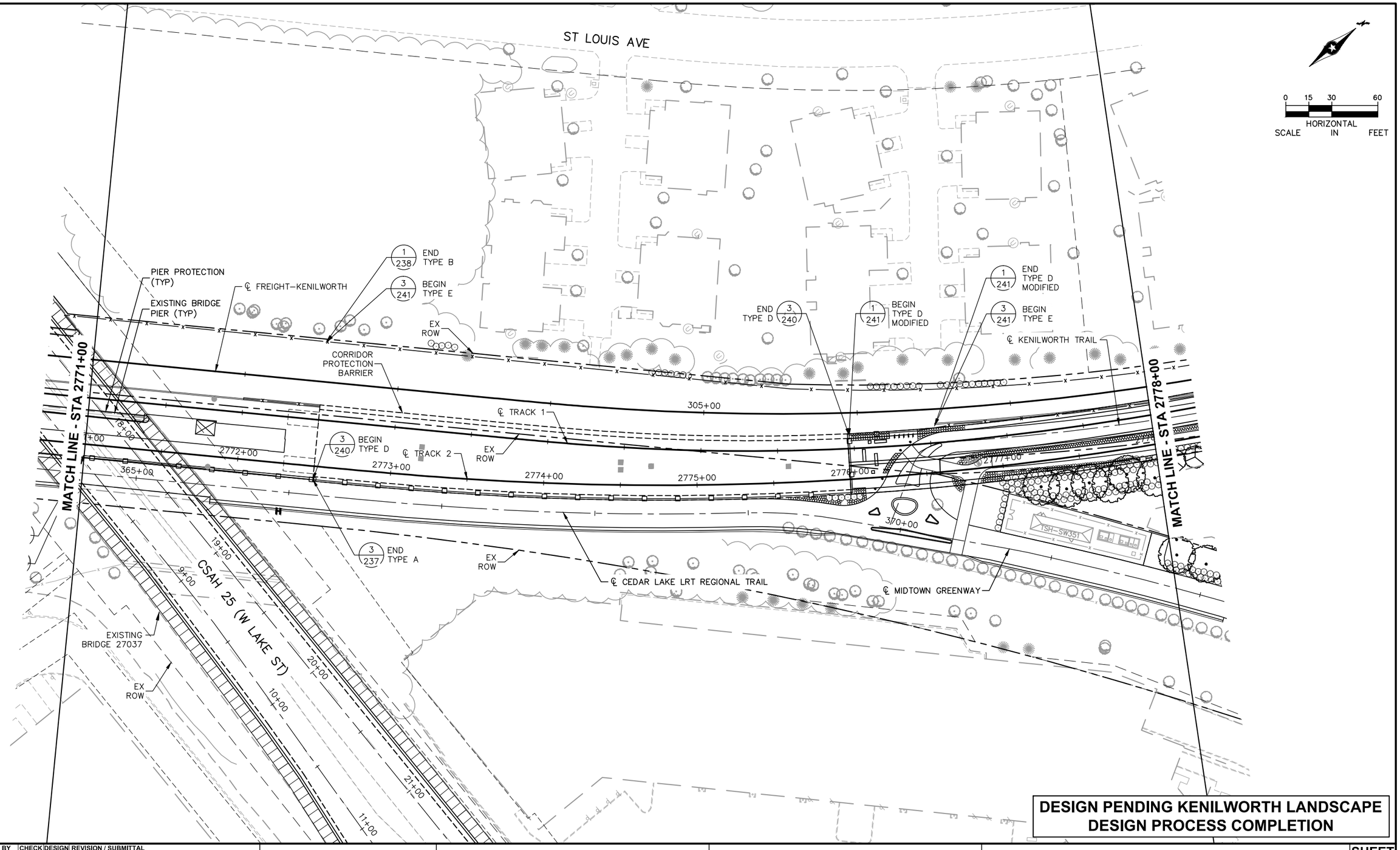
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2765+00 TO STA 2771+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 004

SHEET 118 OF 316

Jan, 19 2016 07:52 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2771+00 TO STA 2778+00

SHEET 119 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 005

Jan, 19 2016 07:53 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR

ST LOUIS AVE

0 15 30 60
HORIZONTAL SCALE IN FEET

MATCH LINE - STA 2778+00

3
241 TYPE E

℄ FREIGHT–KENILWORTH

℄ TRACK 1

EX ROW

310+00

365+00

2780+00

2781+00

2782+00

2783+00

2784+00

2785

EX ROW

BALLAST CURB (TYP)

EX ROW

℄ TRACK 2

DEAN CT

℄ KENILWORTH TRAIL

MATCH LINE - STA 2785+00

372+36

DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

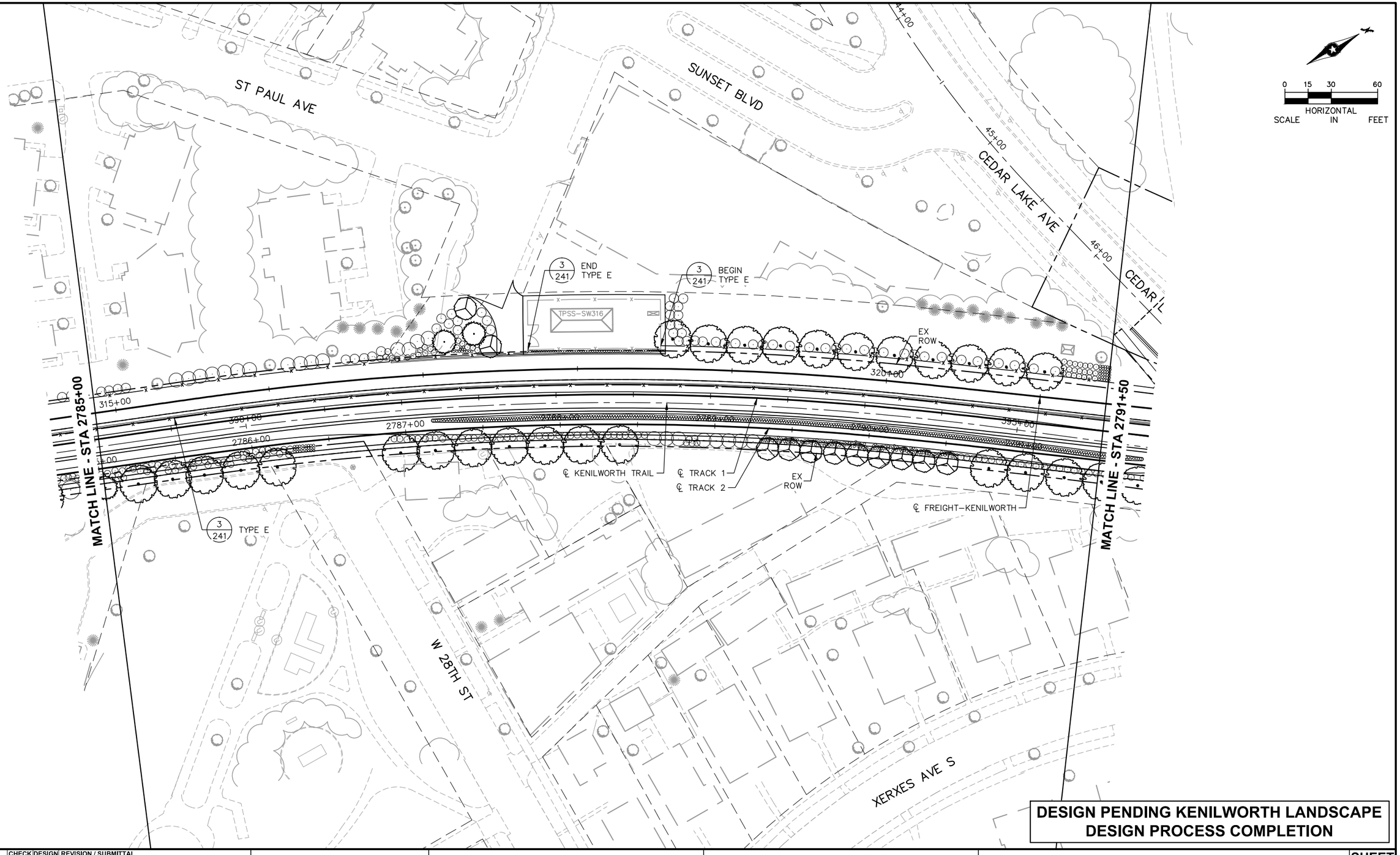
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2778+00 TO STA 2785+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 006

SHEET 120 OF 316

Jan, 19 2016 07:54 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

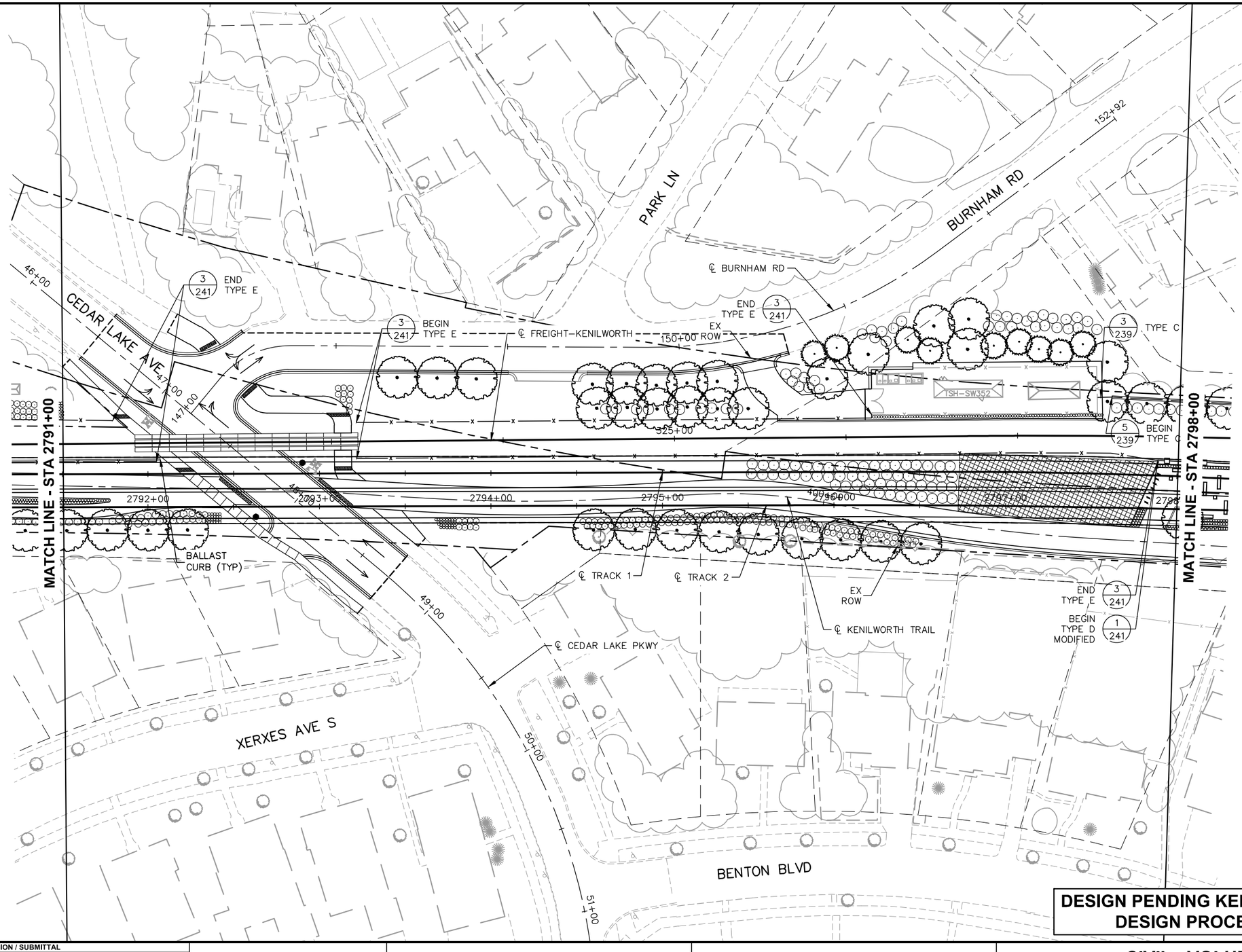
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2785+00 TO STA 2791+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 007

SHEET 121 OF 316

Jan, 19 2016 07:55 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

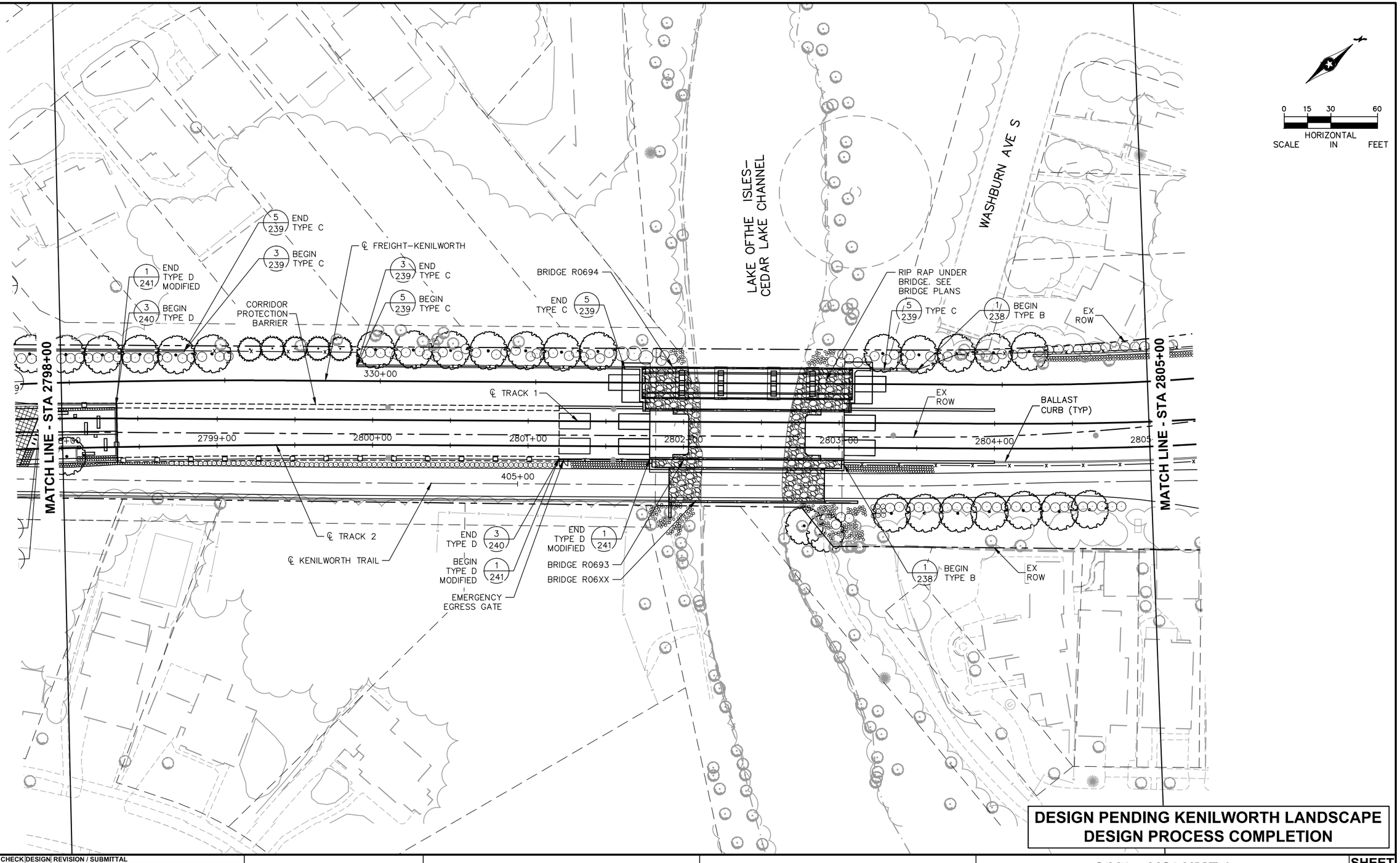
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2791+00 TO STA 2798+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 008

SHEET 122 OF 316

Jan. 19 2016 07:56 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

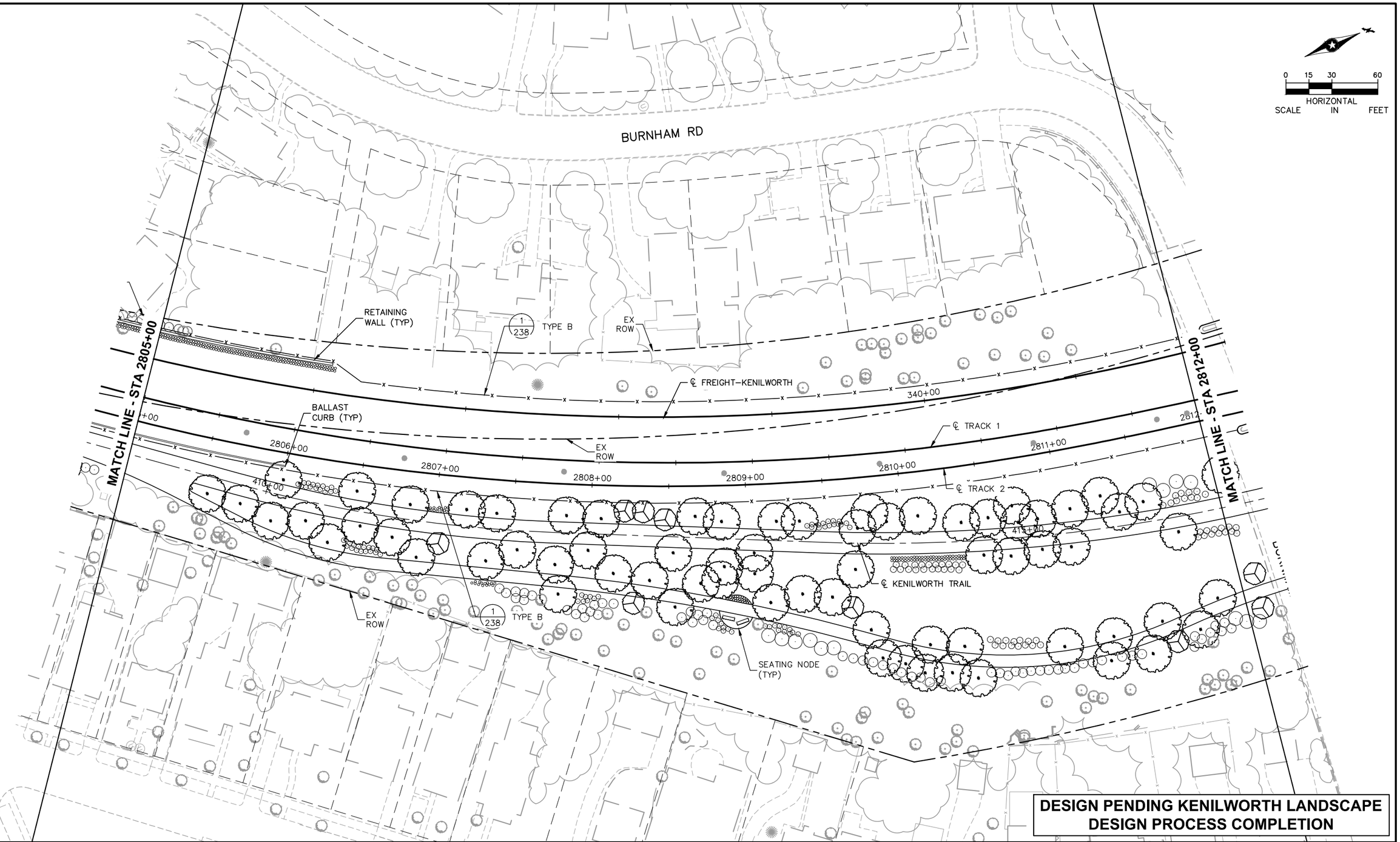
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2798+00 TO STA 2805+00

SHEET 123 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 009

Jan, 19 2016 07:56 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2805+00 TO STA 2812+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 010

SHEET 124 OF 316

Jan, 19 2016 07:57 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR

0 15 30 60
HORIZONTAL SCALE IN FEET

EXISTING BRIDGE 27667
EX ROW
℄ EX FREIGHT (KENILWORTH)
1/238 TYPE B
PIER PROTECTION (TYP)
℄ FREIGHT-KENILWORTH
343+42
EX ROW
1/238 TYPE B
1/238 TYPE B
℄ TRACK 1
MATCH LINE - STA 2812+00
2812+00
2813+00
2814+00
2815+00
2816+00
2817+00
2818+00
2819+00
MATCH LINE - STA 2819+00
℄ TRACK 2
420+00
℄ KENILWORTH TRAIL
EXISTING BRIDGE PIER (TYP)
BURNHAM RD
SEATING NODE (TYP)
EX ROW
THOMAS AVE S
22+00
23+00
21+00
W 24TH AVE

DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

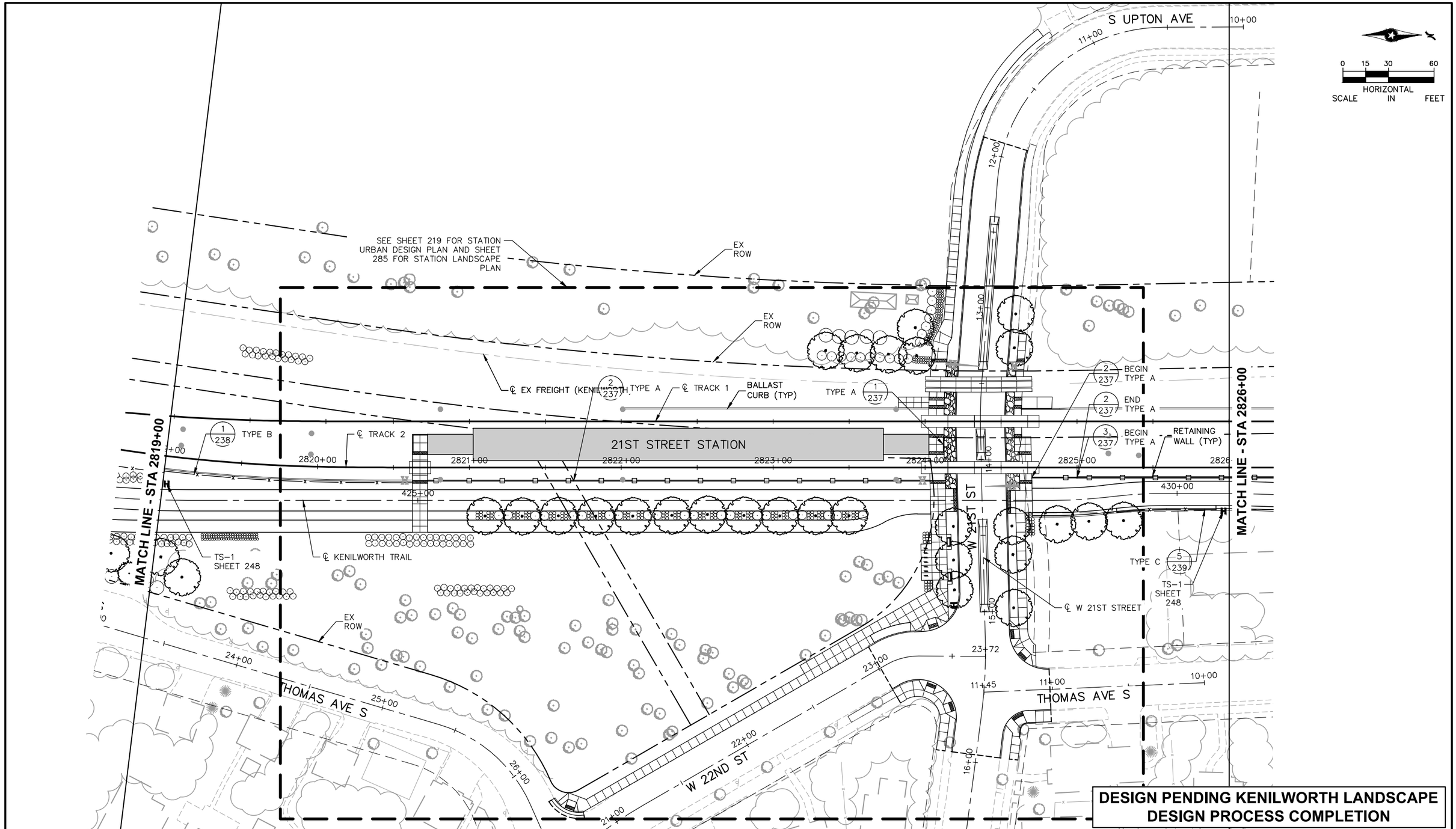
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2812+00 TO STA 2819+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 011

SHEET 125 OF 316

Jan, 19 2016 07:58 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2819+00 TO STA 2826+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 012

SHEET 126 OF 316

Jan, 19 2016 07:59 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR

S UPTON AVE

10+00

EX ROW

BALLAST CURB (TYP)

EX ROW

3/237 END TYPE A

4/239 BEGIN TYPE C

4/239 END TYPE C

℄ EX FREIGHT (KENILWORTH)

℄ TRACK 1

℄ TRACK 2

1/238 BEGIN TYPE B

2828+00

2829+00

2830+00

2831+00

2832+00

2827+00

631+30

435+00

635+00

MATCH LINE - STA 2826+00

MATCH LINE - STA 2833+00

EX ROW

℄ TRAIL B

℄ KENILWORTH TRAIL

THOMAS AVE S

W FRANKLIN AVE

10+00

0 15 30 60

HORIZONTAL SCALE IN FEET

DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2826+00 TO STA 2833+00

SHEET 127 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 013

Jan, 19 2016 08:00 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR

0 15 30 60
HORIZONTAL
SCALE IN FEET

EX ROW

℄ EX FREIGHT (KENILWORTH)

TYPE B 1/238

℄ TRACK 2

℄ TRACK 1

℄ KENILWORTH TRAIL

2834+00 2835+00 2836+00 2840+00 2841+00 2842

MATCH LINE - STA 2833+00

MATCH LINE - STA 2842+00

440+00

440+00

EX ROW

SEATING NODE (TYP)

℄ TRAIL B

TPSS - SW317

DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

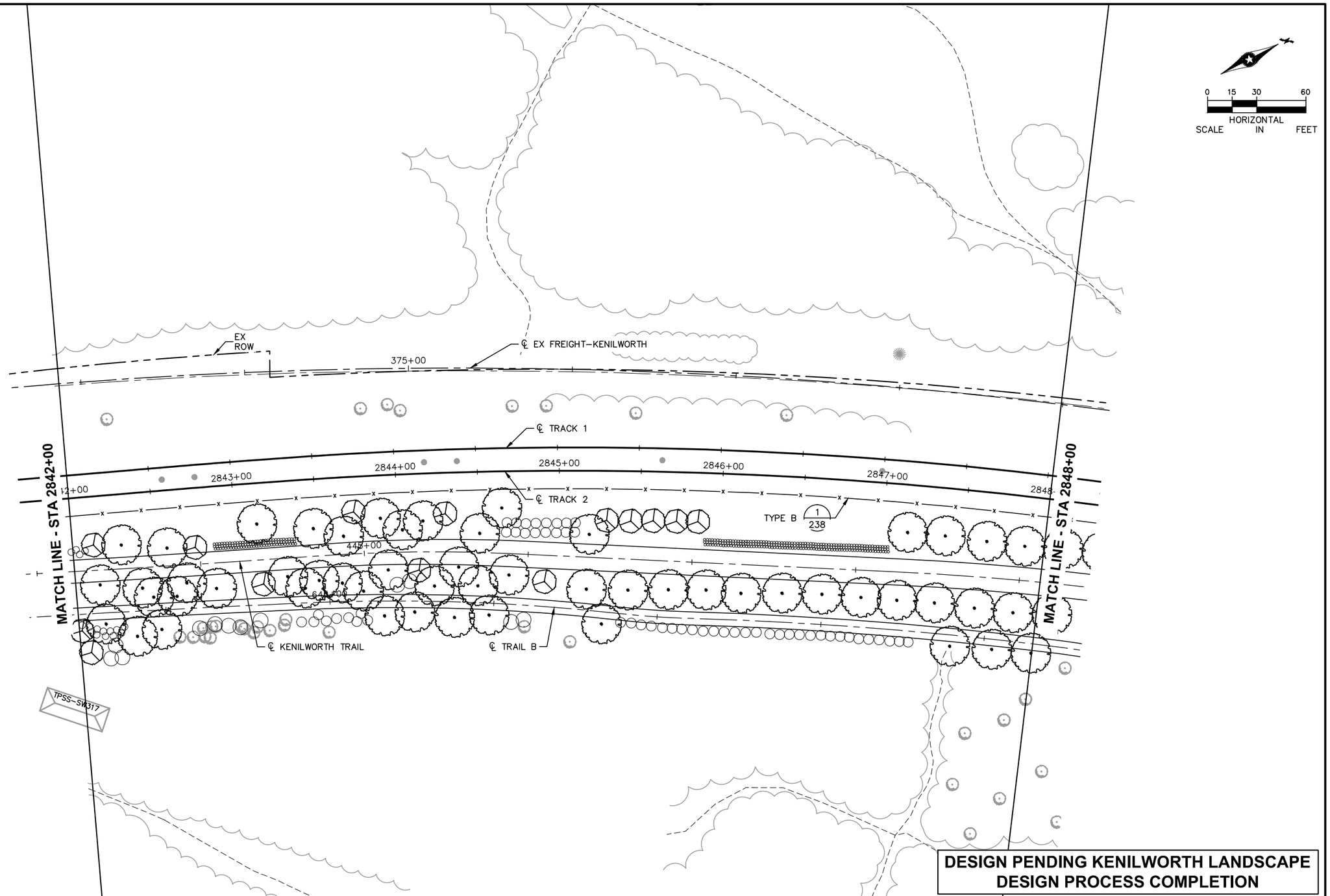
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2833+00 TO STA 2842+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-COR-PLN - 014

SHEET 128 OF 316

Jan. 19 2016 08:01 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-COR-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

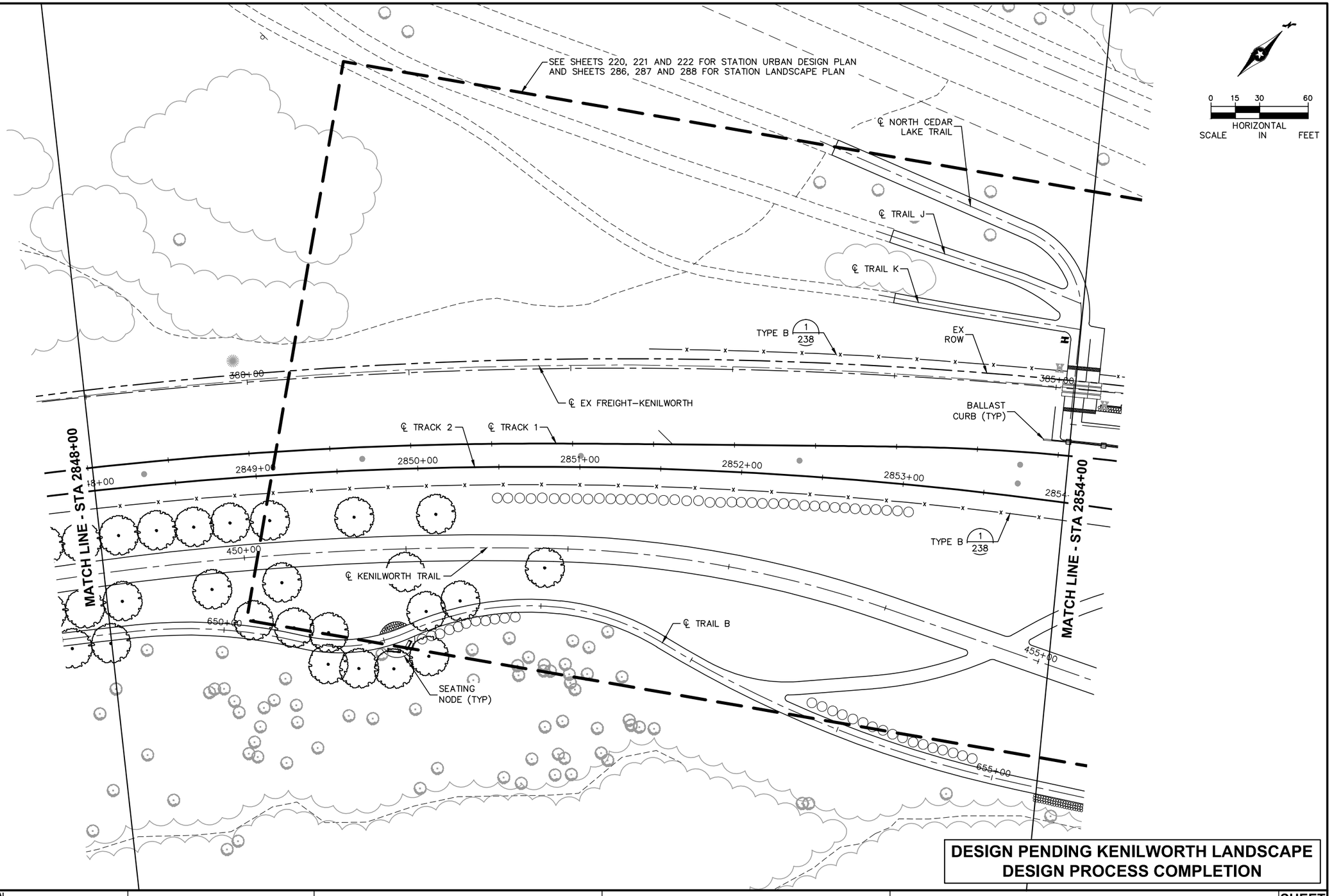
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2842+00 TO STA 2848+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 001

SHEET 129 OF 316

Jan, 19 2016 10:38 am v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

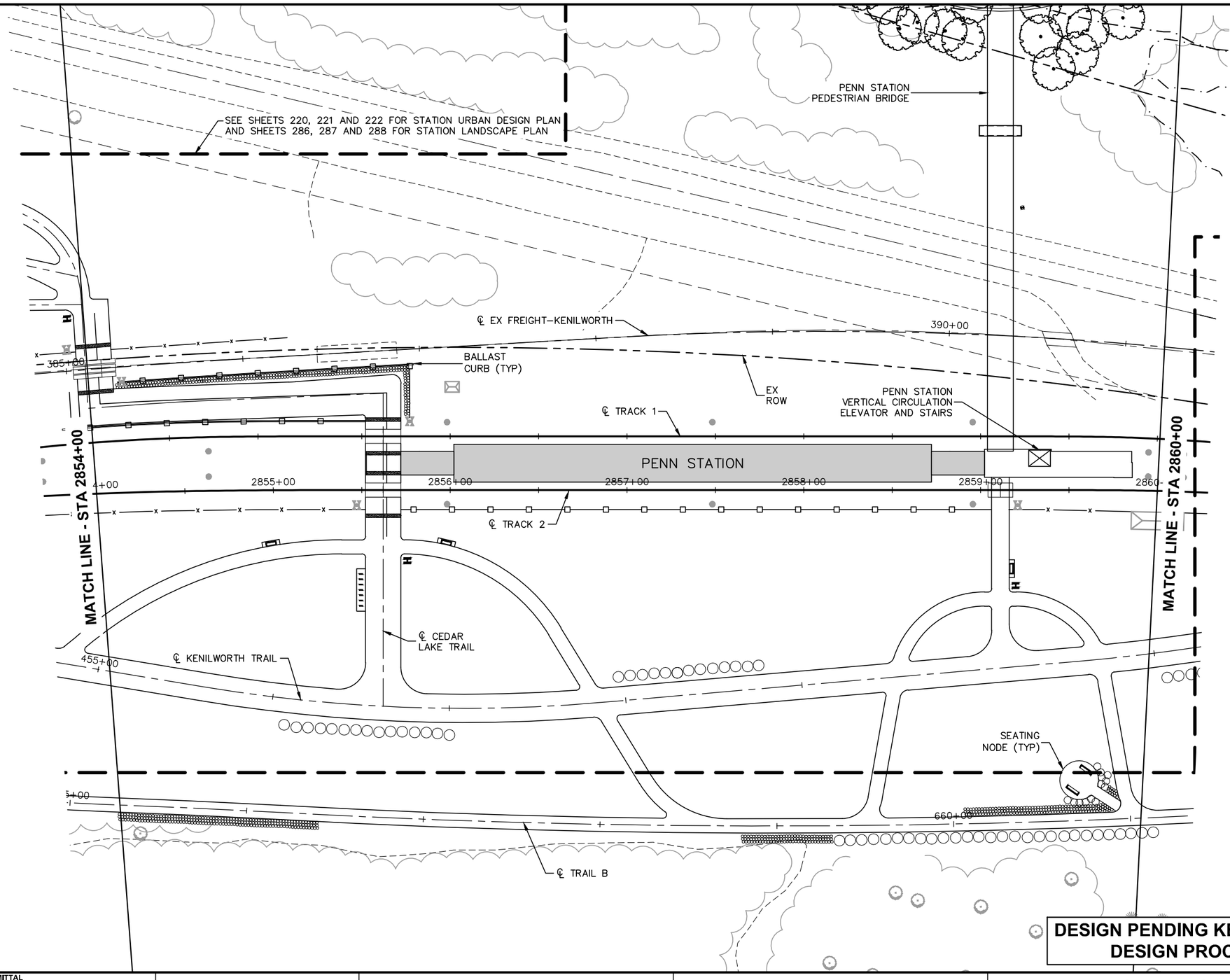
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2848+00 TO STA 2854+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 002

SHEET 130 OF 316

Jan, 19 2016 10:38 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

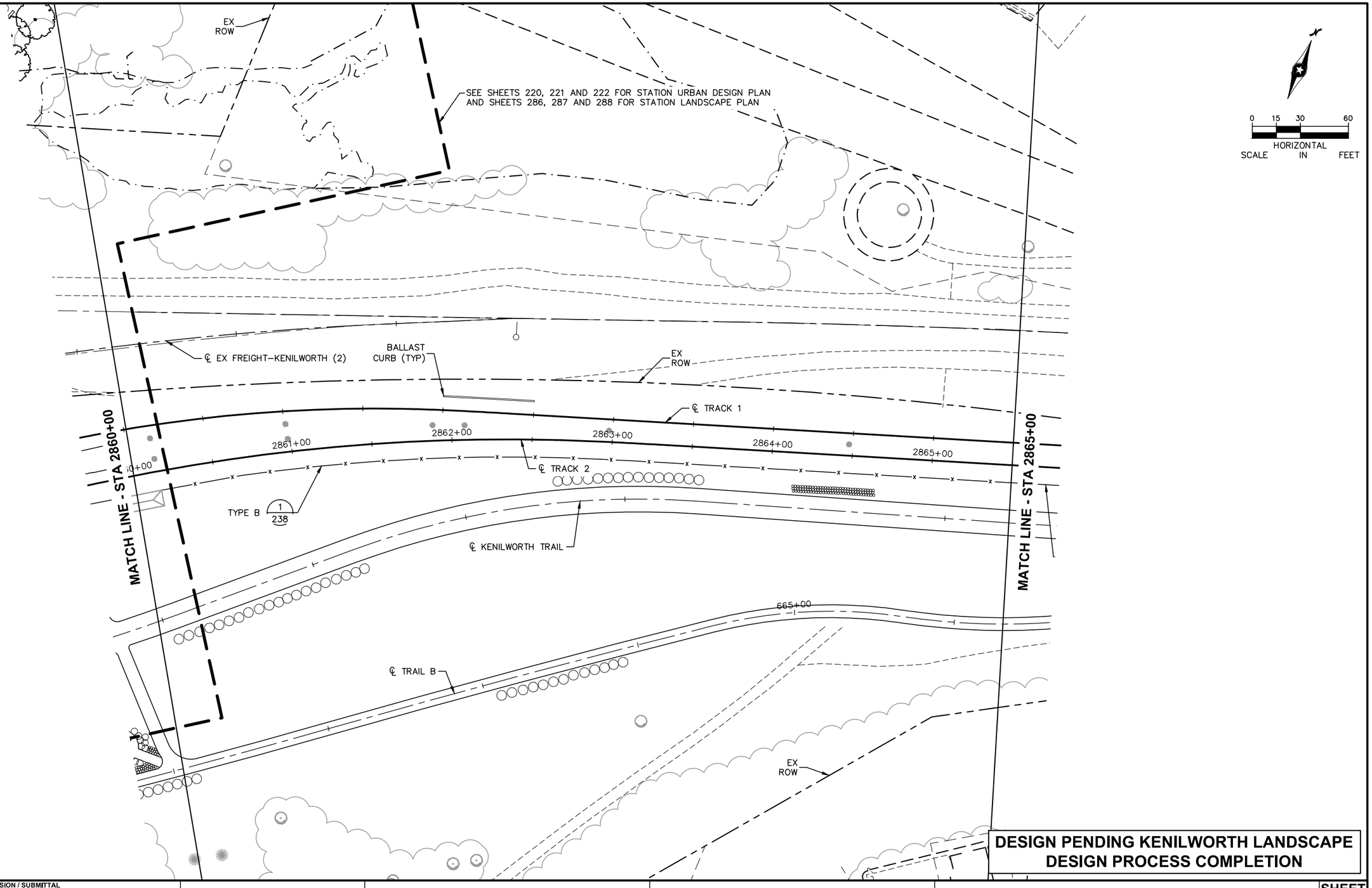
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2854+00 TO STA 2860+00

DISCIPLINE: **LANDSCAPE ARCH**

SHEET NAME: **E4-LAN-COR-PLN - 003**

SHEET **131** OF **316**

Jan, 19 2016 10:39 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

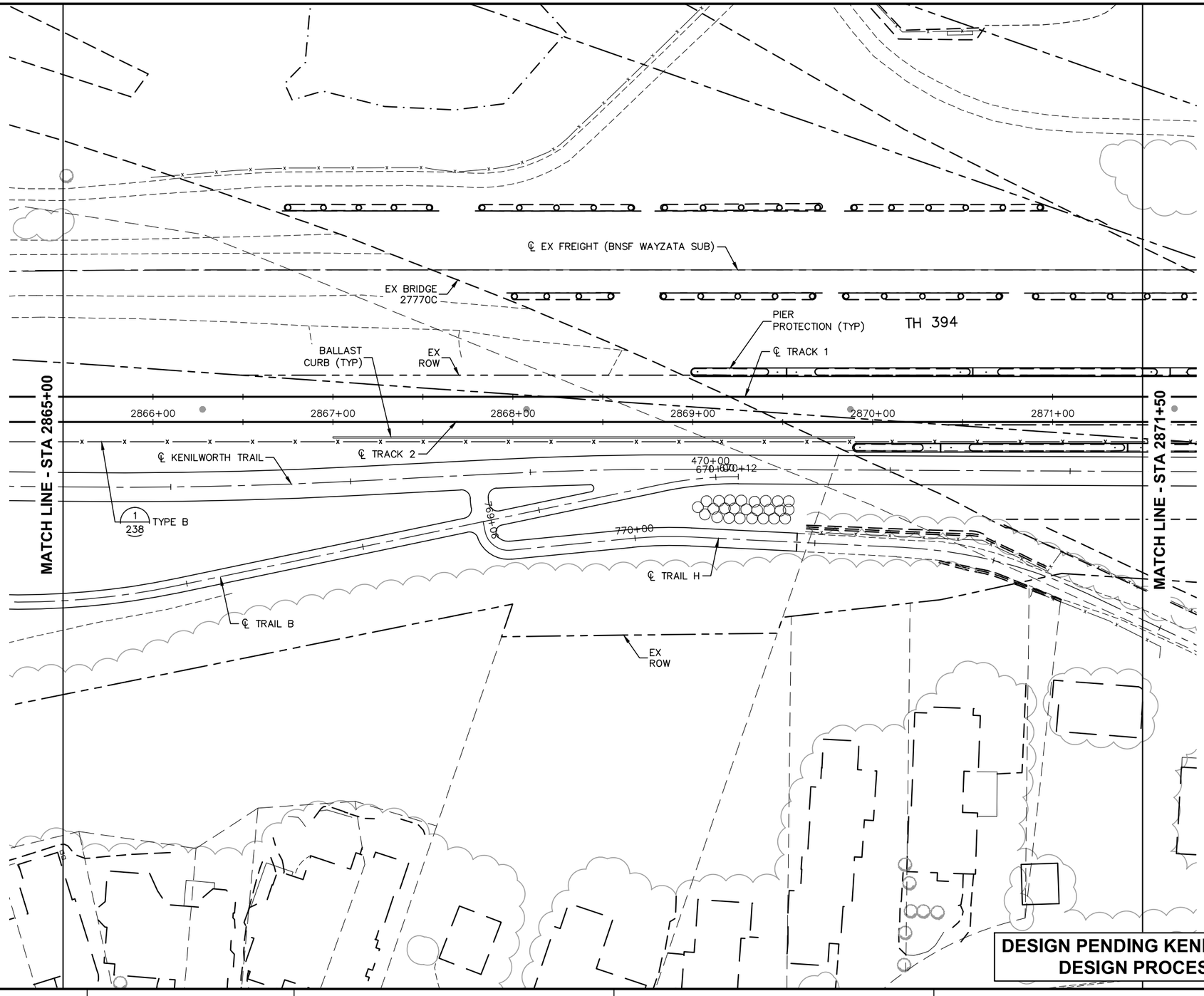
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2860+00 TO STA 2865+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 004

SHEET 132 OF 316

Jan, 19 2016 10:39 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

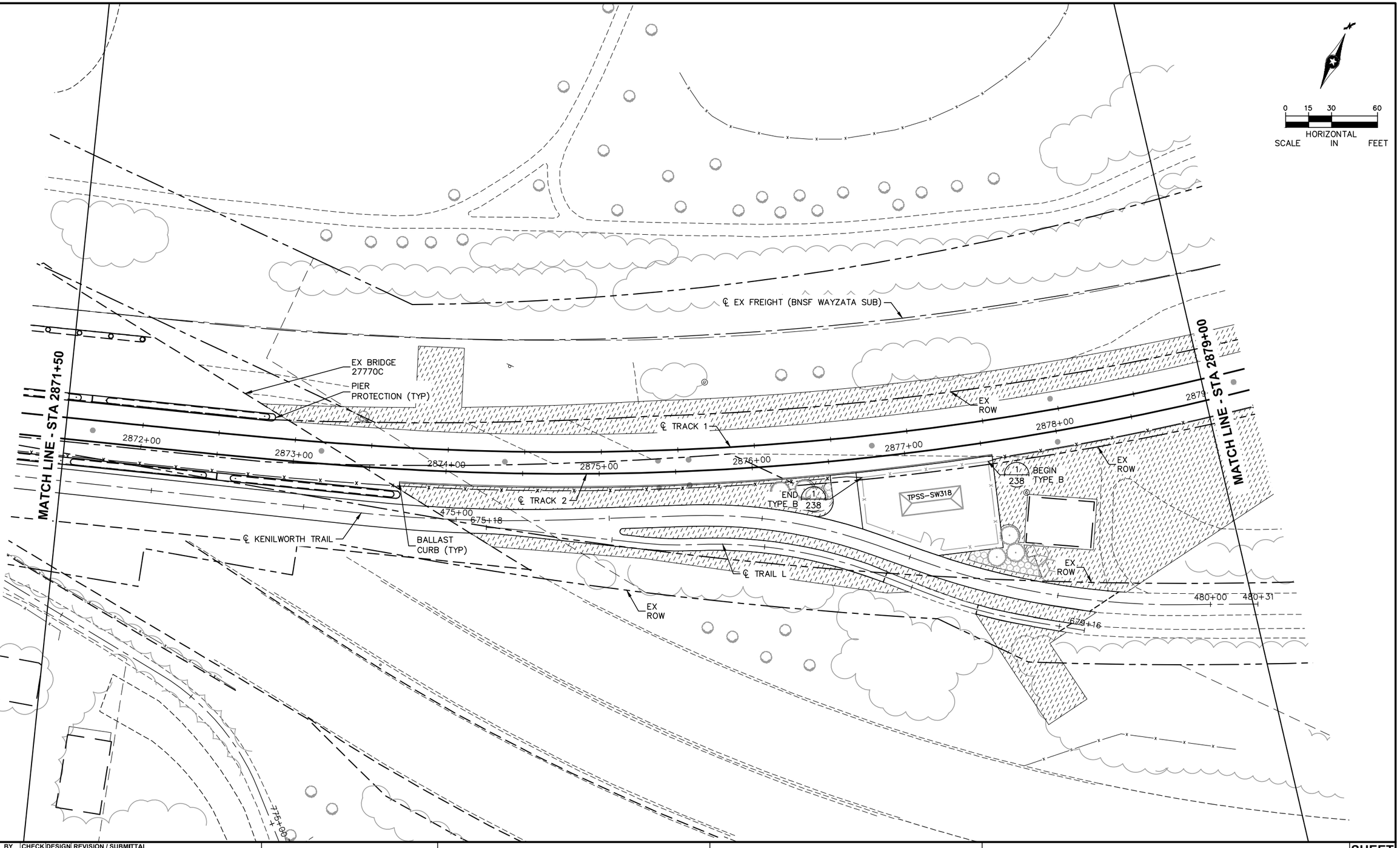
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2865+00 TO STA 2871+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 005

SHEET 133 OF 316

Jan, 19 2016 10:40 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

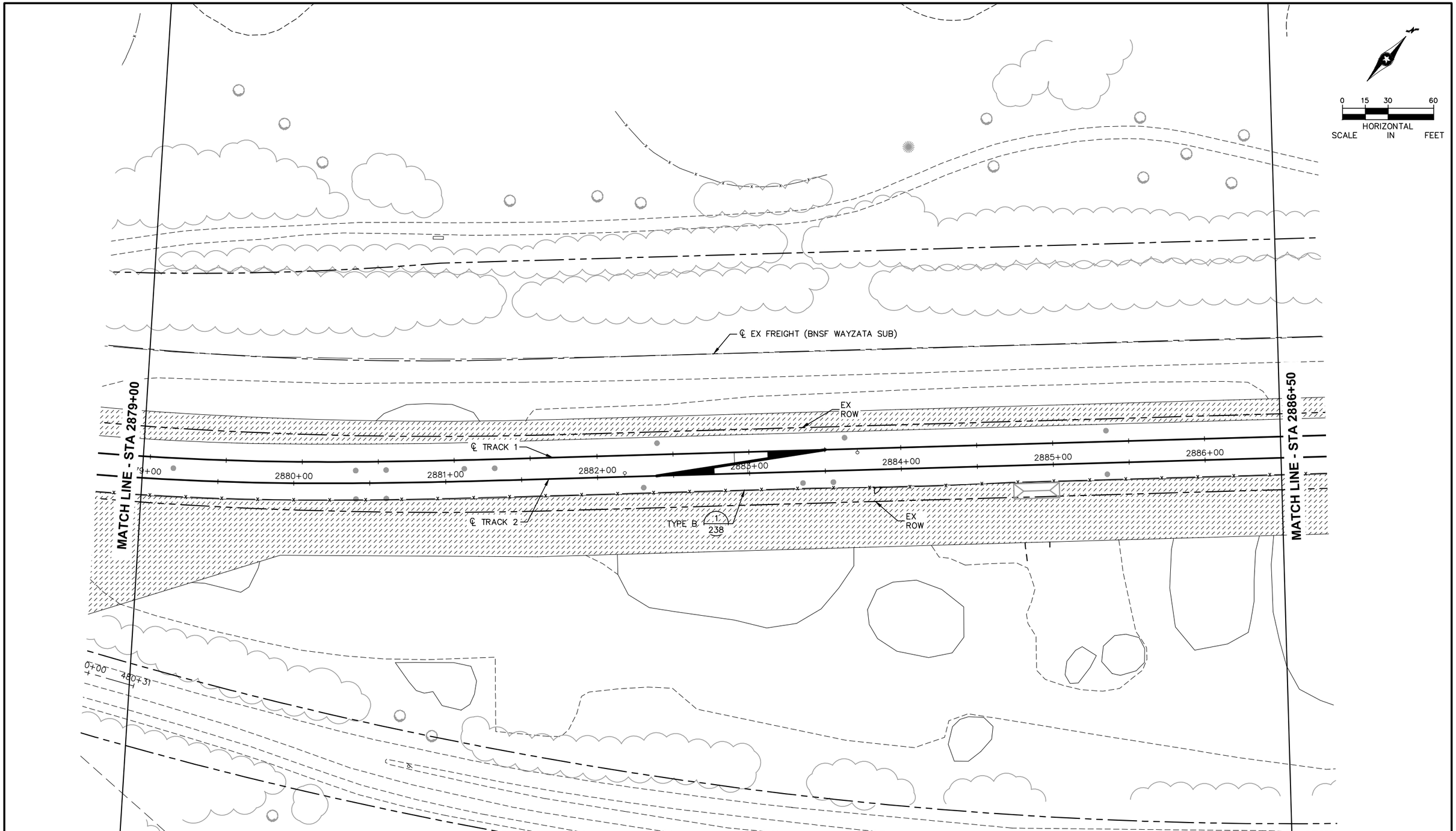
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2871+50 TO STA 2879+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 006

SHEET 134 OF 316

Jan, 19 2016 10:40 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

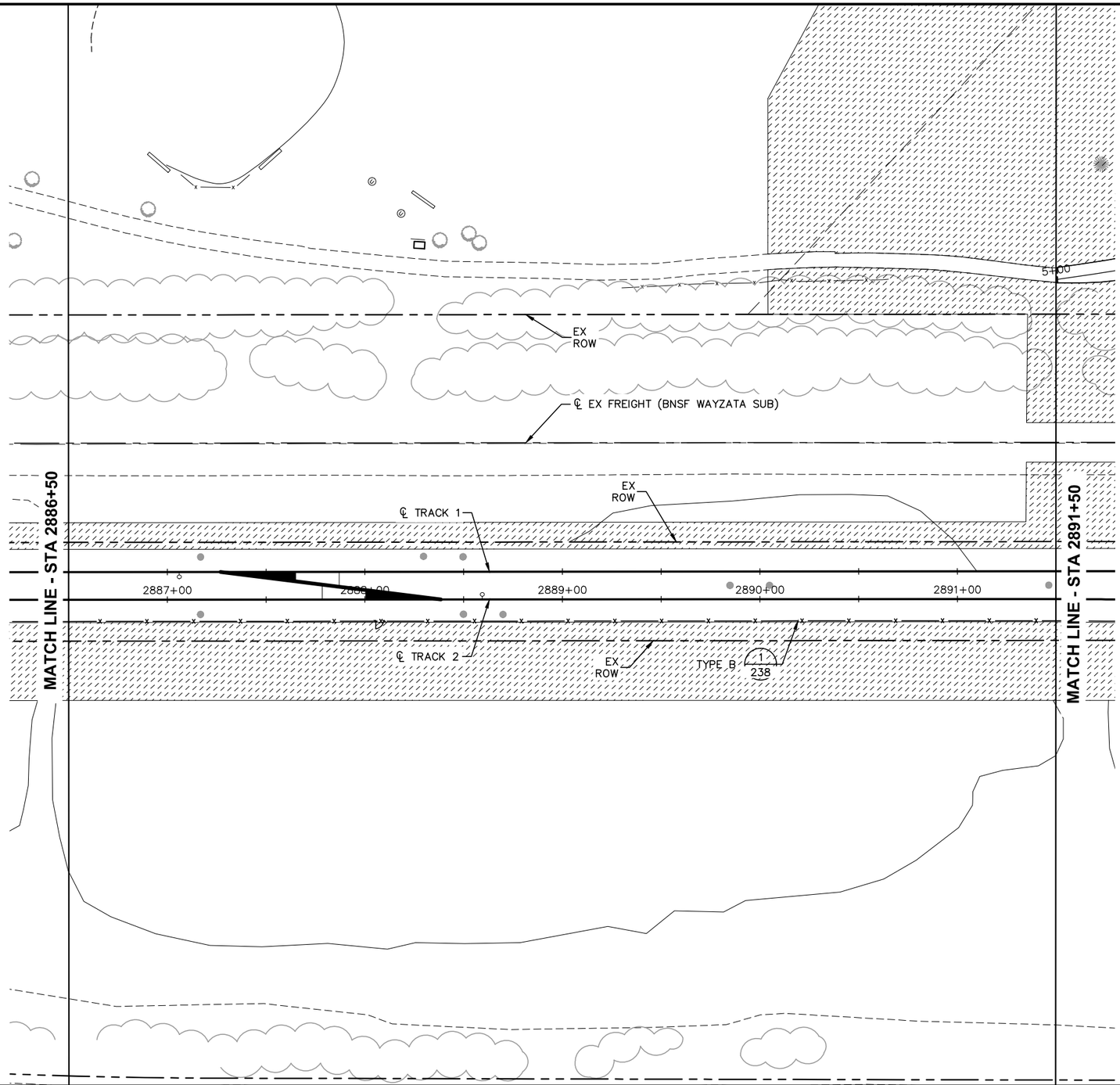
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2879+00 TO STA 2886+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 007

SHEET 135 OF 316

Jan, 19 2016 10:40 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

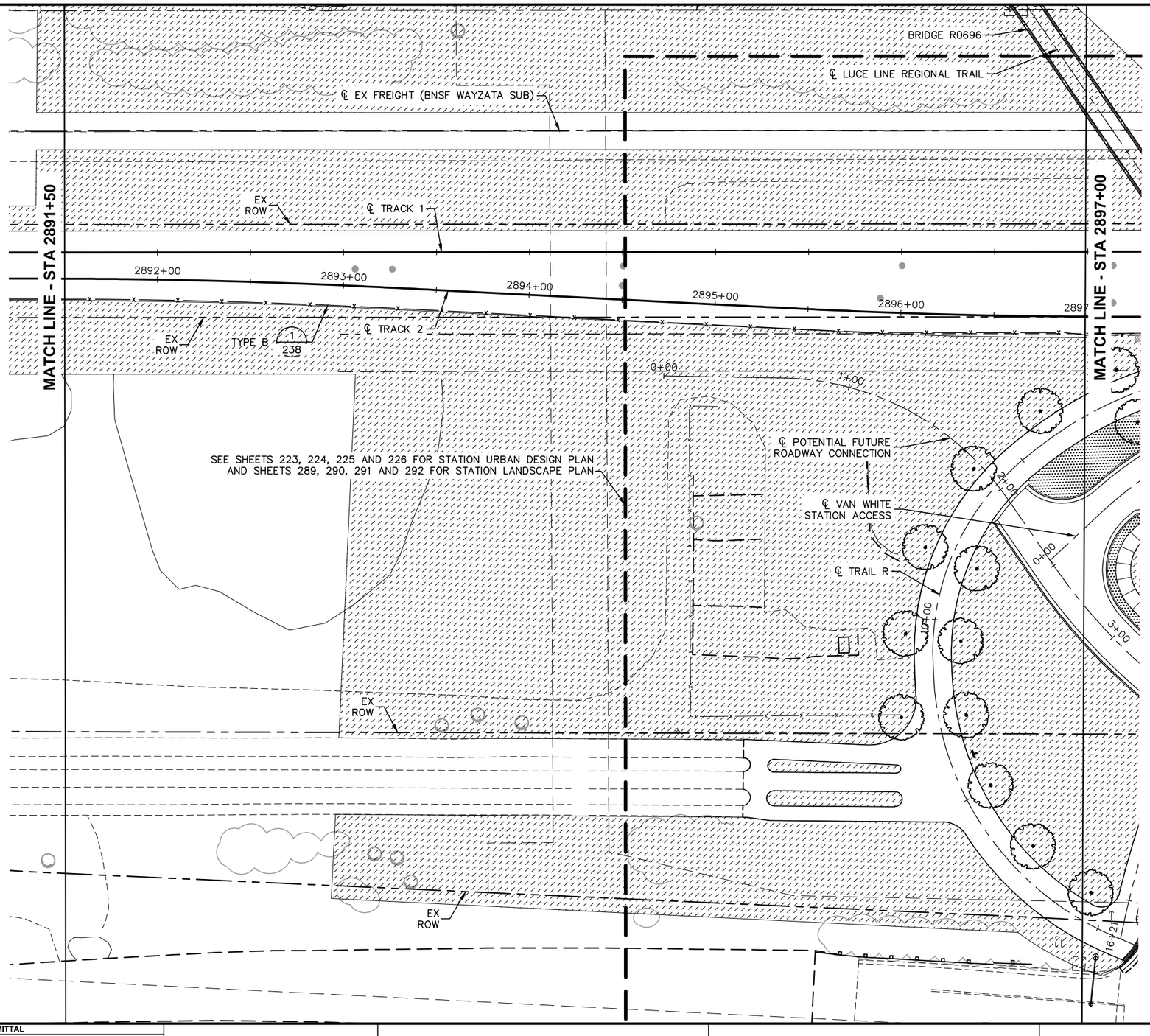
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2886+50 TO STA 2891+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 008

SHEET 136 OF 316

Jan, 19 2016 10:41 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



Jan, 19 2016 10:41 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2891+50 TO STA 2897+00

SHEET 137 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 009

BRIDGE R0696
℄ LUCE LINE REGIONAL TRAIL
℄ EX FREIGHT (BNSF WAYZATA SUB)
℄ TRACK 1
PIER PROTECTION (TYP)
EX ROW
VAN WHITE STATION
MATCH LINE - STA 2897+00
MATCH LINE - STA 2904+00
2898+00
2899+00
2900+00
2901+00
2902+00
2903+00
2904+00
℄ TRACK 2
BALLAST CURB (TYP)
EX BRIDGE 27B01
EX ROW
VAN WHITE MEMORIAL BLVD
0+00
3+00
4+00
5+00
℄ TRAIL T
EX ROW
℄ VAN WHITE STATION ACCESS
℄ TRAIL R
16+21
15+80
10+00
LINDEN AVE W

0 15 30 60
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2897+00 TO STA 2904+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 010

SHEET 138 OF 316

Jan, 19 2016 10:41 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck

℄ EX FREIGHT (BNSF MONTICELLO SUB)

EX ROW

℄ EX FREIGHT (BNSF WAYZATA SUB)

EX ROW

℄ TRACK 1

℄ TRACK 2

EX ROW

MATCH LINE - STA 2904+00

MATCH LINE - STA 2911+00

2904+00

2905+00

2906+00

2907+00

2908+00

2909+00

2910+00

2911+

TYPE B 1 238

SEE SHEETS 223, 224, 225 AND 226 FOR STATION URBAN DESIGN PLAN AND SHEETS 289, 290, 291 AND 292 FOR STATION LANDSCAPE PLAN

℄ TRAIL R

20+00

21+03

0 15 30 60

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

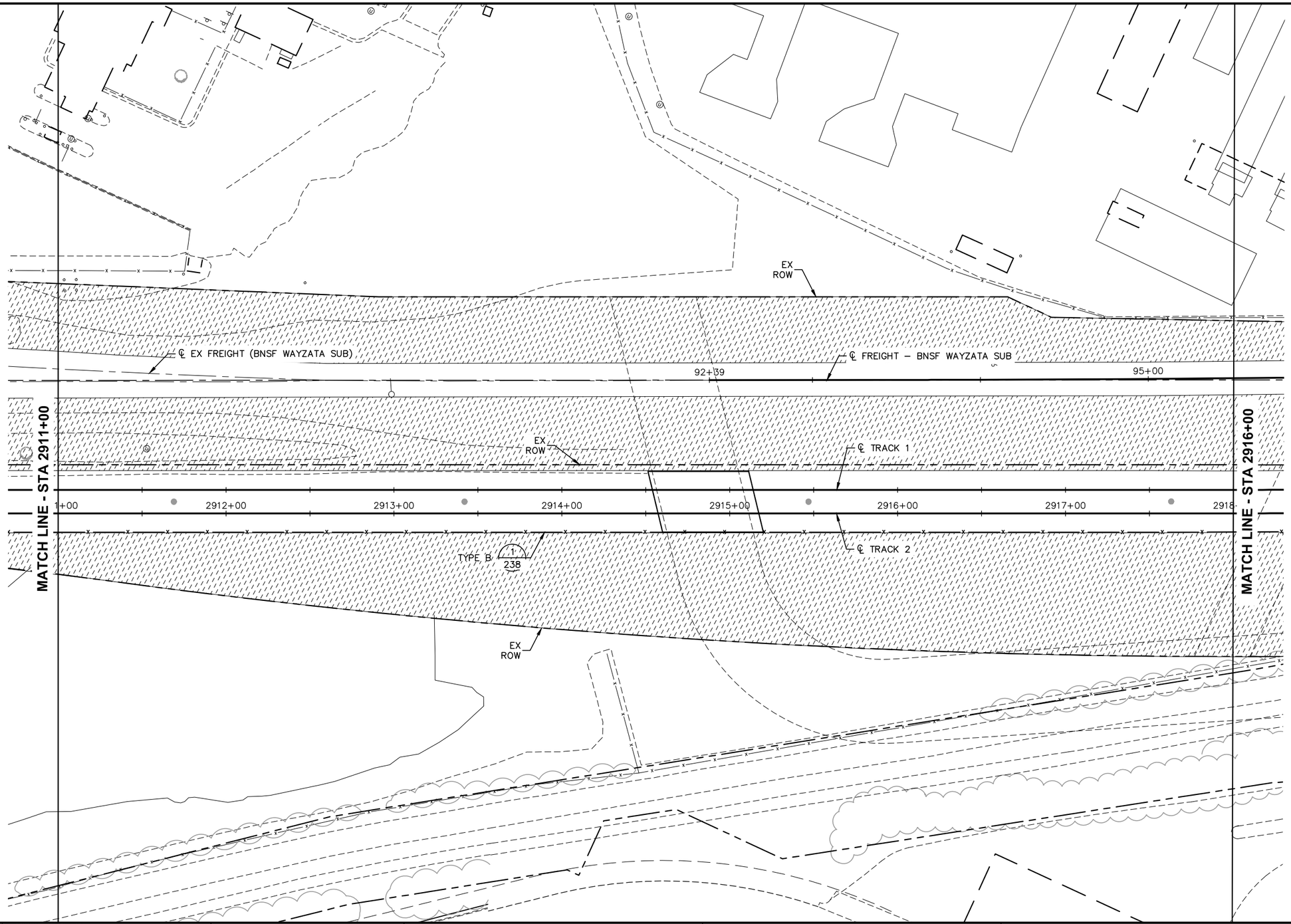
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2904+00 TO STA 2911+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 011

SHEET 139 OF 316

Jan, 19 2016 10:42 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

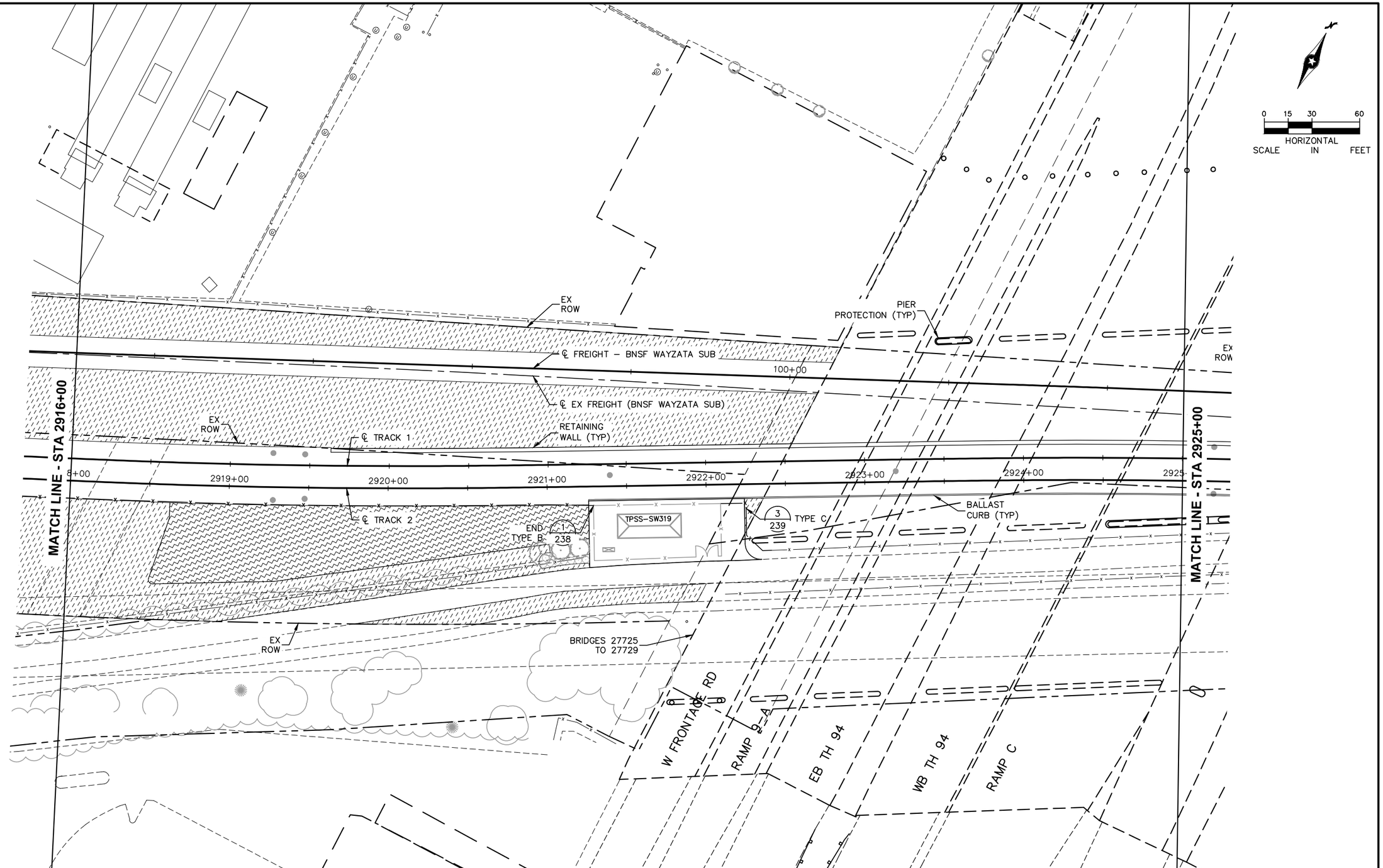
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2911+00 TO STA 2916+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 012

SHEET 140 OF 316

Jan, 19 2016 10:42 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

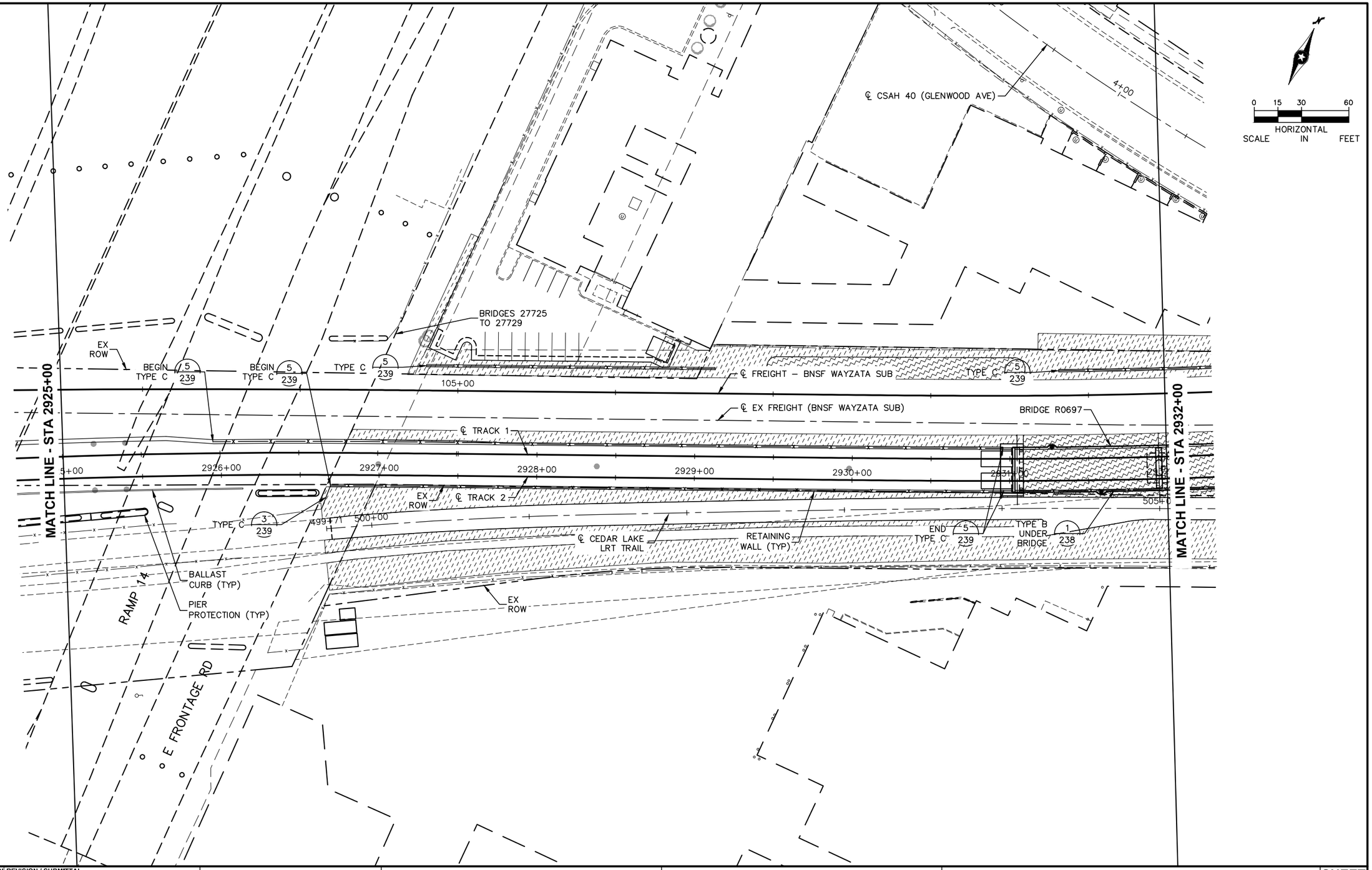
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CORRIDOR PLAN
STA 2916+00 TO STA 2925+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 013

SHEET 141 OF 316

Jan, 19 2016 10:43 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

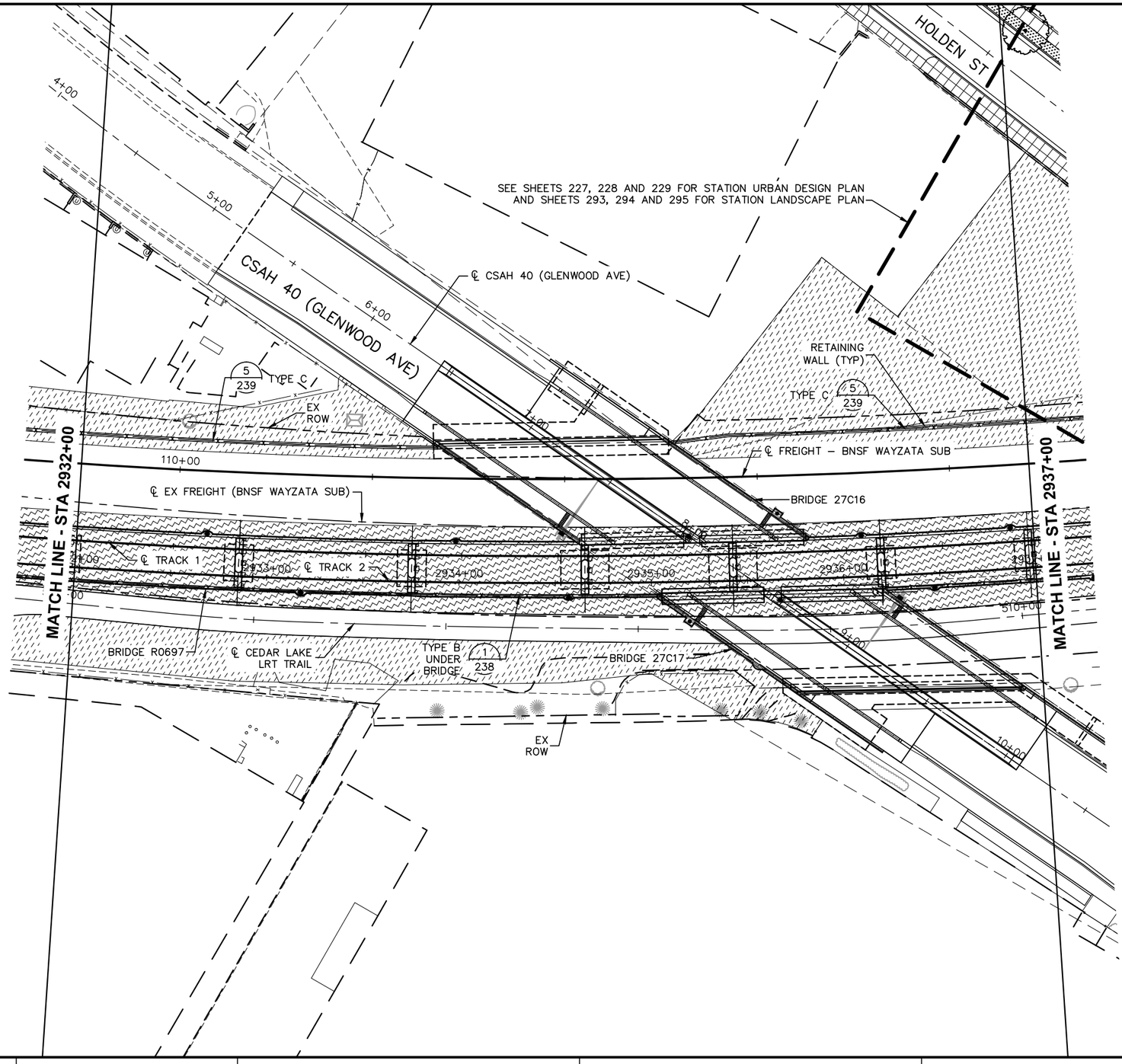
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2925+00 TO STA 2932+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 014

SHEET 142 OF 316

Jan, 19 2016 10:43 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



0 15 30 60
HORIZONTAL
SCALE IN FEET

Jan, 19 2016 10:43 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

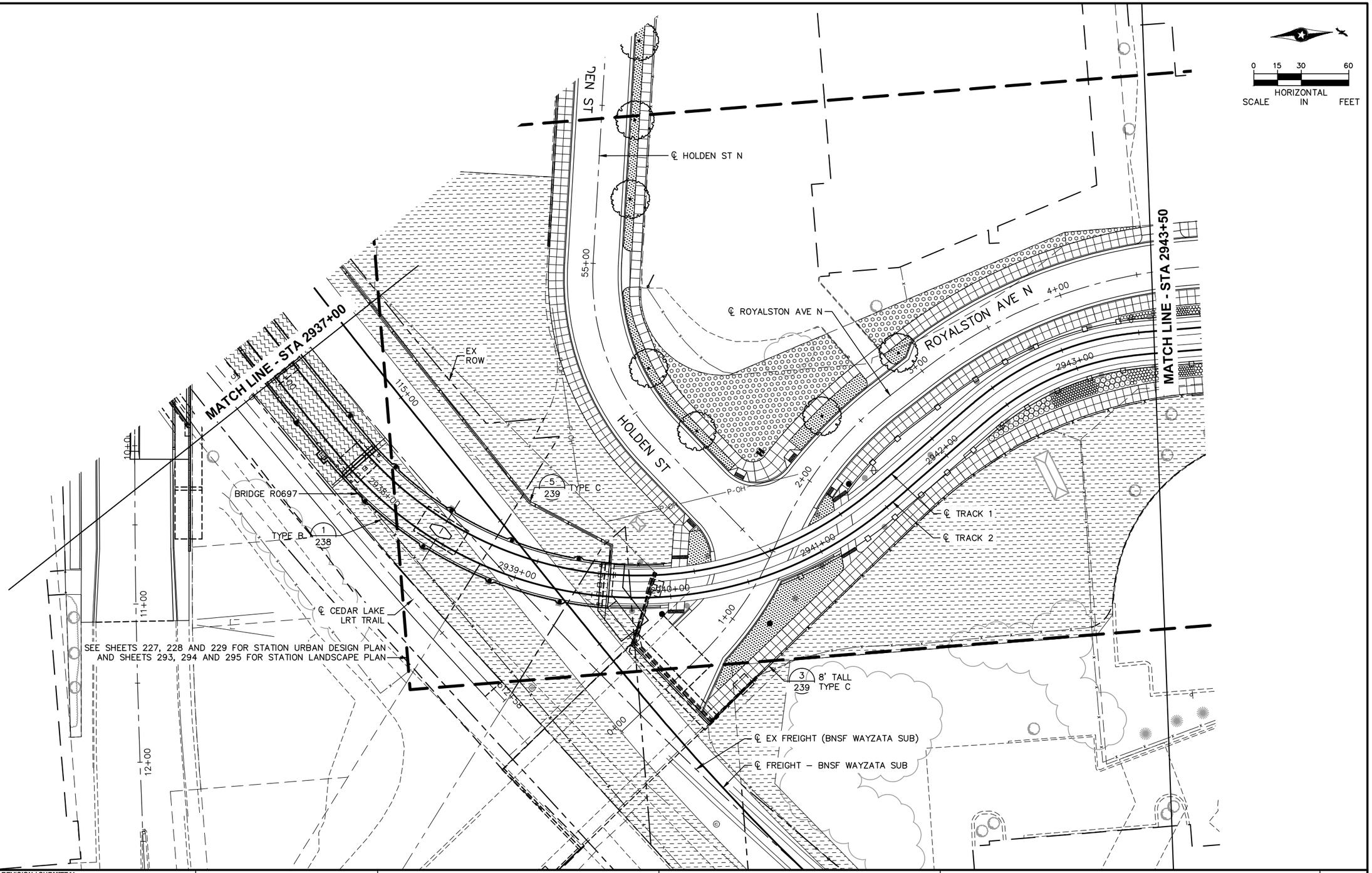
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2932+00 TO STA 2937+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 015

SHEET 143 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

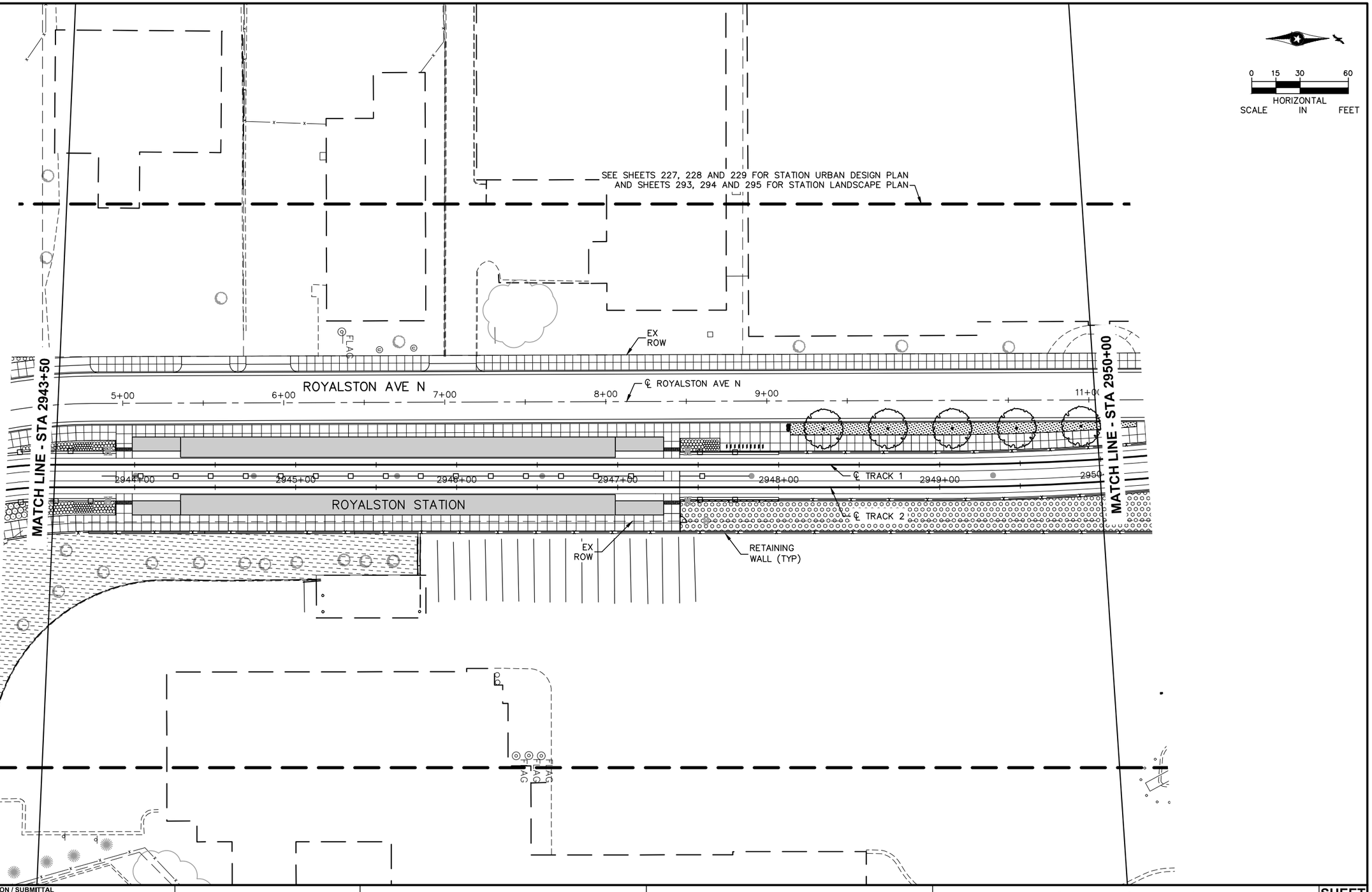
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2937+00 TO STA 2943+50

SHEET 144 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 016



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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

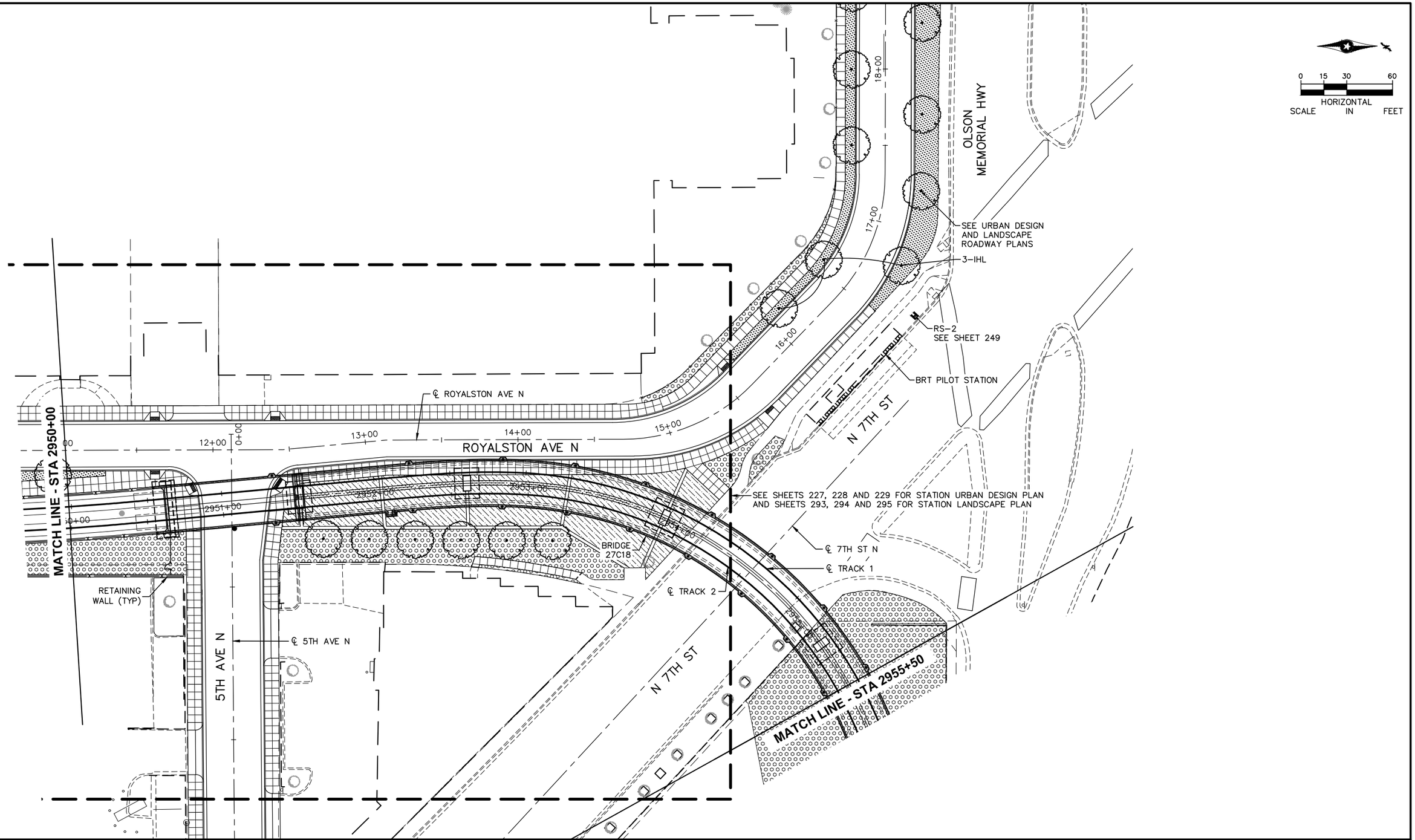
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2943+50 TO STA 2950+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 017

SHEET 145 OF 316

Jan, 19 2016 10:44 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2950+00 TO STA 2955+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 018

SHEET 146 OF 316

Jan, 19 2016 10:44 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck

N 6TH AVE

MATCH LINE - STA 2955+50

℄ TRACK 1

℄ TRACK 2

BRIDGE 27C18

2958+00

2959+00

2960+00

2961+00

2962+00

END CIVIL EAST - STA 2962+50

EX INTERCHANGE TPSS S17

EX BRIDGE R0646

SEE SHEETS 227, 228 AND 229 FOR STATION URBAN DESIGN PLAN AND SHEETS 293, 294 AND 295 FOR STATION LANDSCAPE PLAN

HERC DRIVEWAY

0 15 30 60

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE CORRIDOR PLAN
STA 2955+50 TO STA 2962+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-COR-PLN - 019

SHEET 147 OF 316

Jan, 19 2016 10:45 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-COR-PLN.dwg By: joseph.starbuck



Jan, 18 2016 01:09 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: dkrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

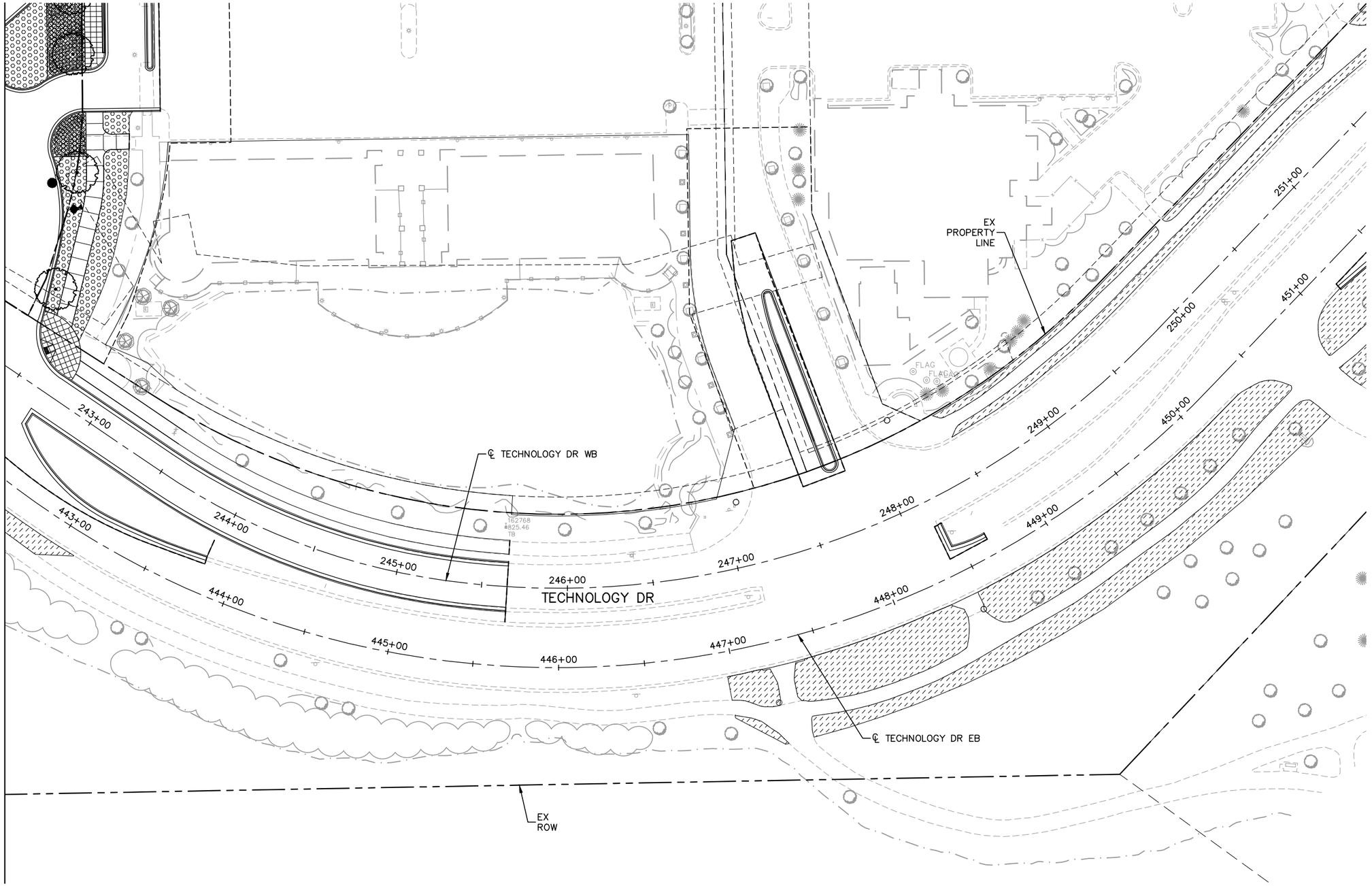
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
TECHNOLOGY DR
STA. 435+00 TO STA. 442+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 001

SHEET 148 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

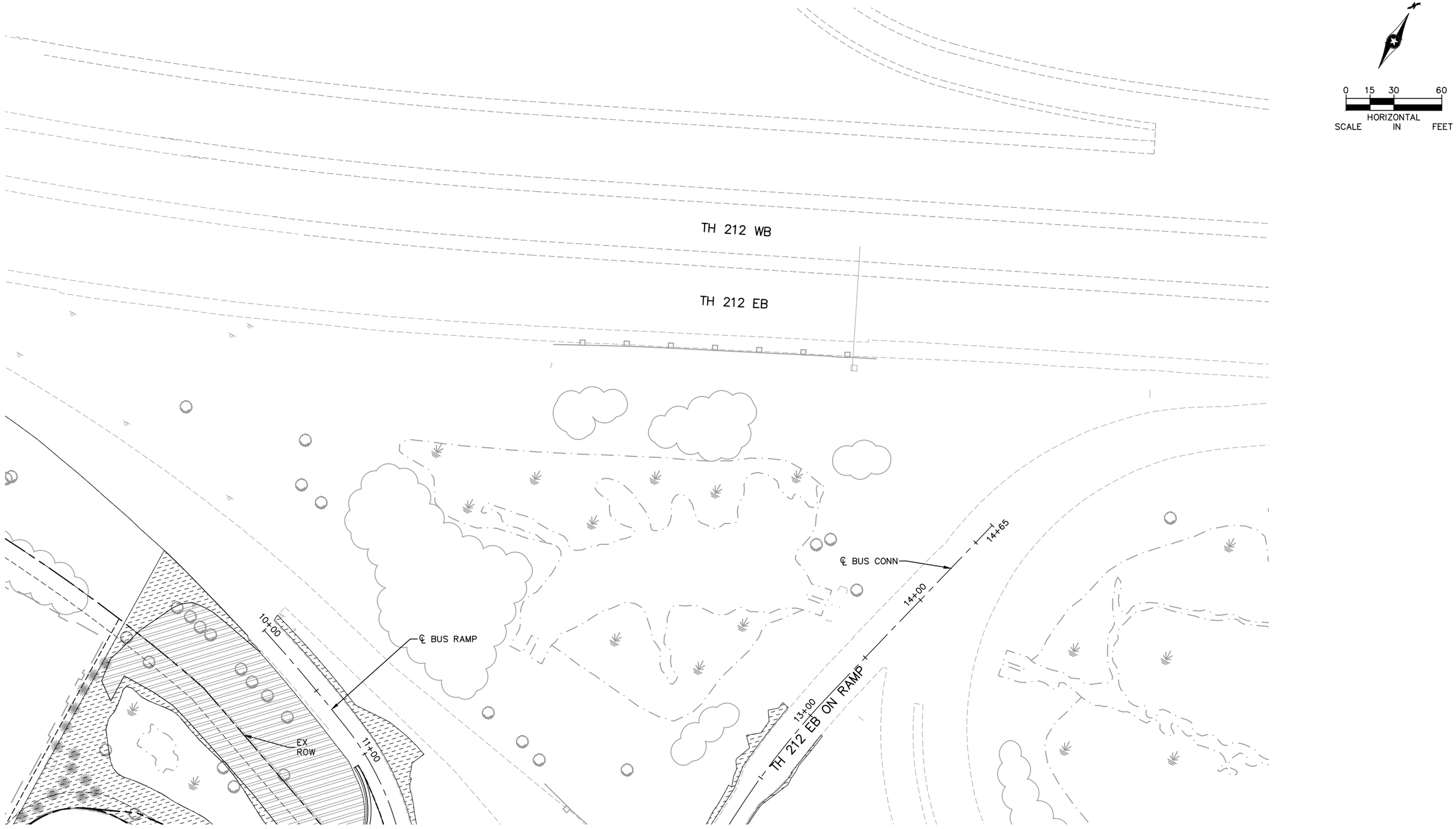
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
TECHNOLOGY DR
STA. 442+50 TO STA. 451+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 002

SHEET 149 OF 316

Jan, 18 2016 01:09 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: akrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

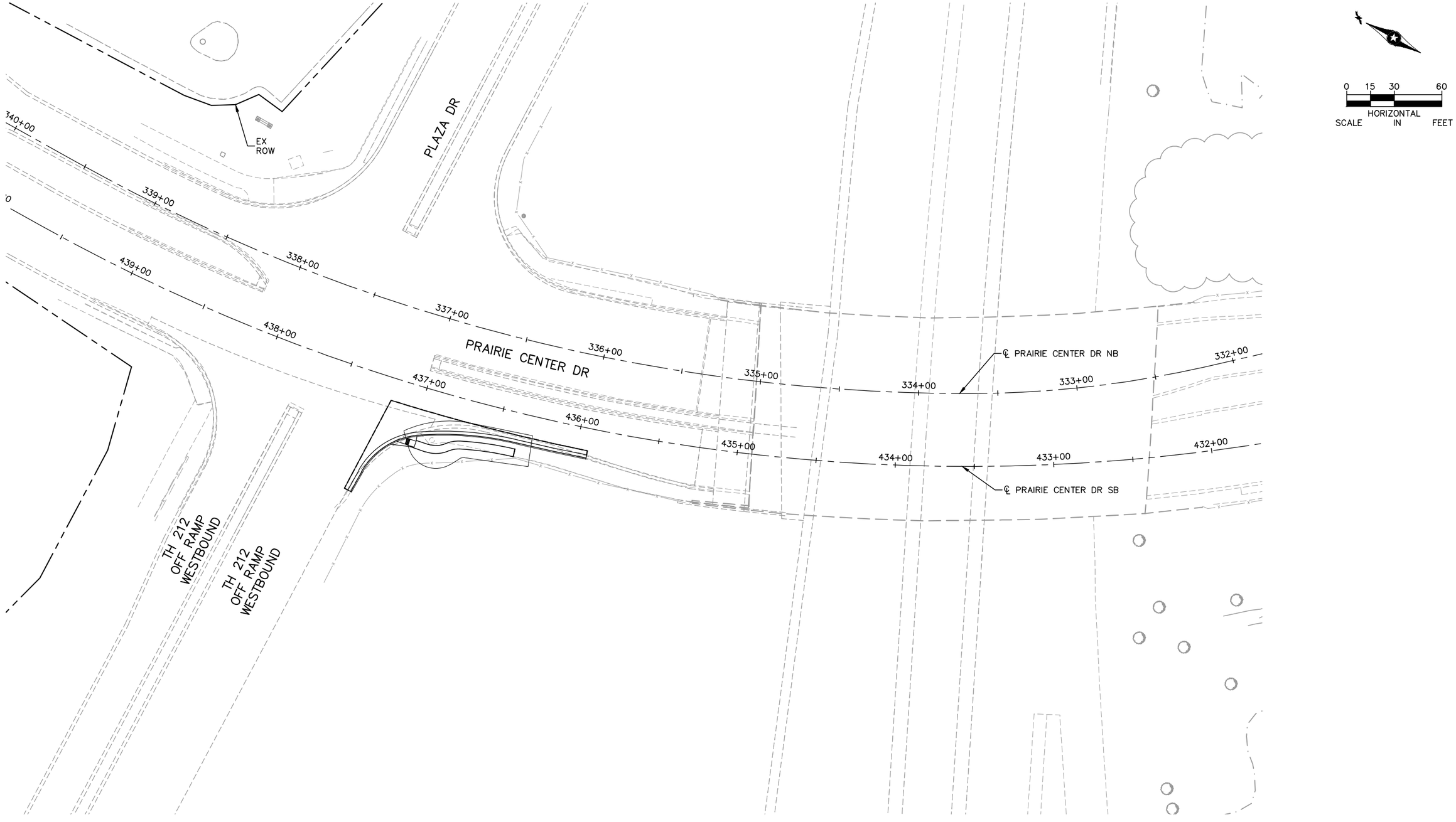
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
TH 212 EB ON RAMP
STA. 22+00 TO STA. 24+25

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 003

SHEET 150 OF 316

Jan, 18 2016 01:10 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: akrzmarzick



Jan, 18 2016 01:10 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: dkrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

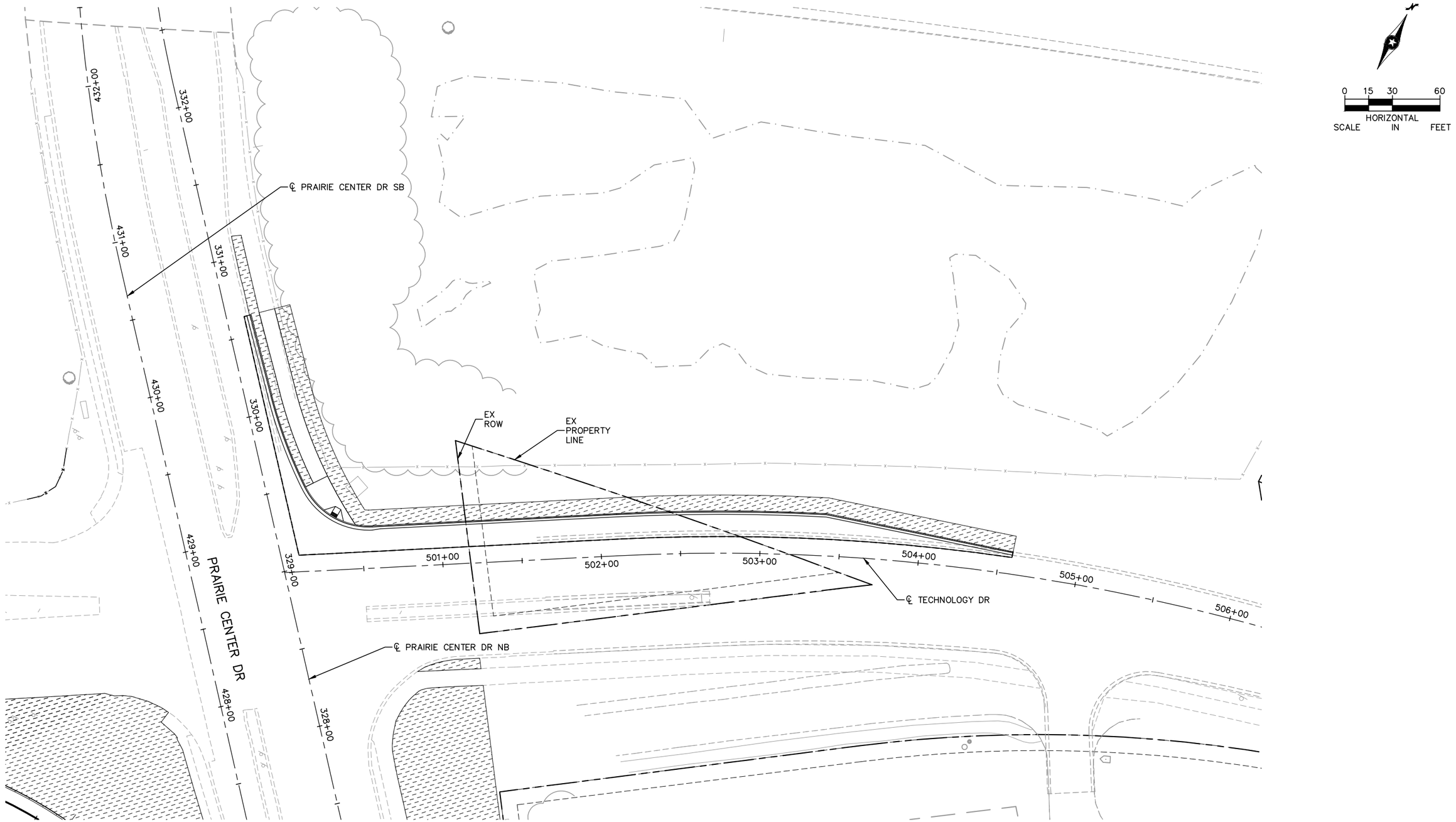
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
PRAIRIE CENTER DR
STA. 440+00 TO STA. 432+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 004

SHEET 151 OF 316



Jan, 18 2016 01:11 pm v:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: akrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

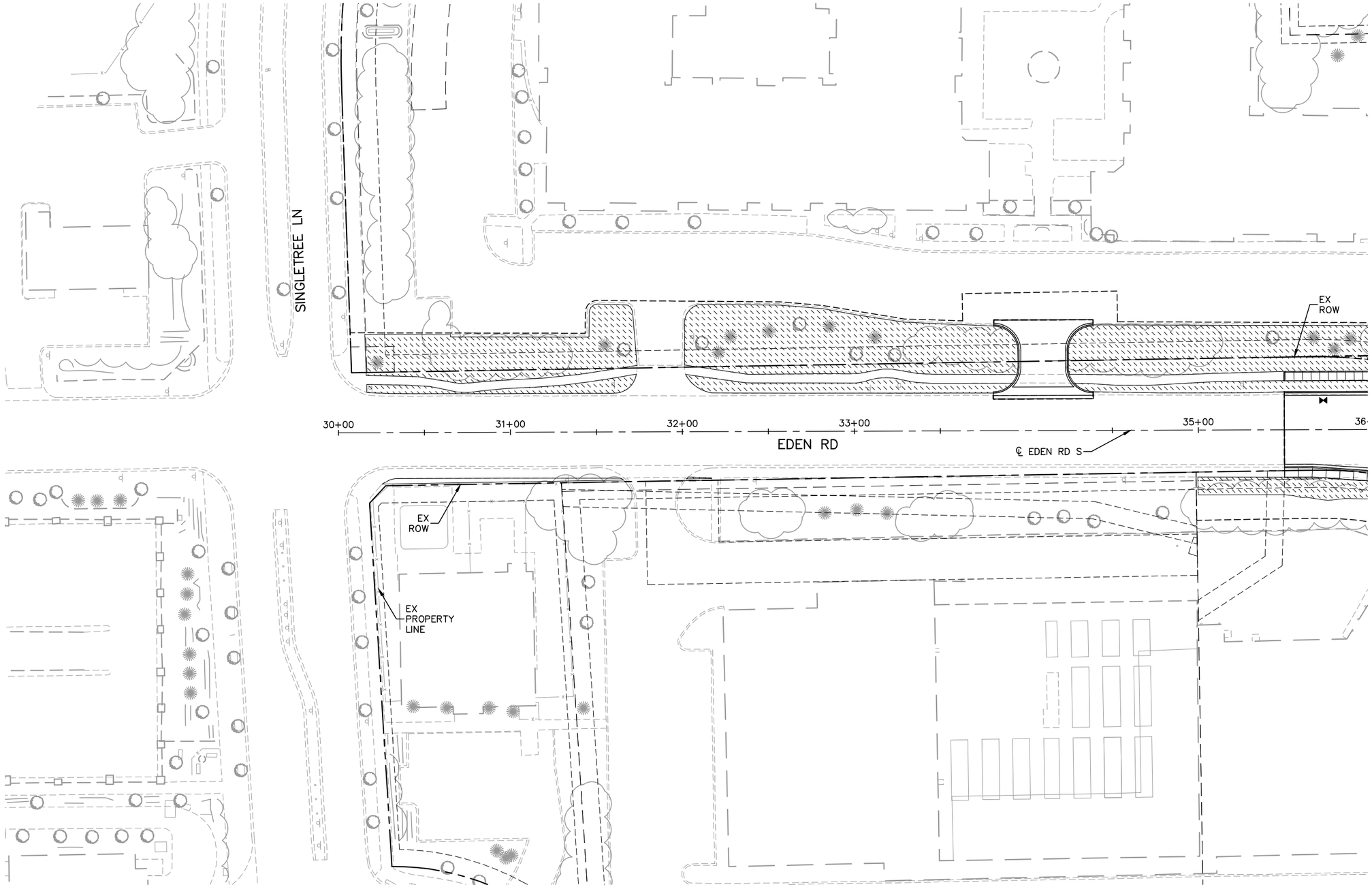
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
TECHNOLOGY DR
STA. 500+00 TO STA. 506+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 005

SHEET 152 OF 316



0 15 30 60
HORIZONTAL
SCALE IN FEET

Jan, 18 2016 01:12 pm v:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: okrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
EDEN RD
STA. 30+00 TO STA. 36+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 006

SHEET 153 OF 316



0 30 60
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

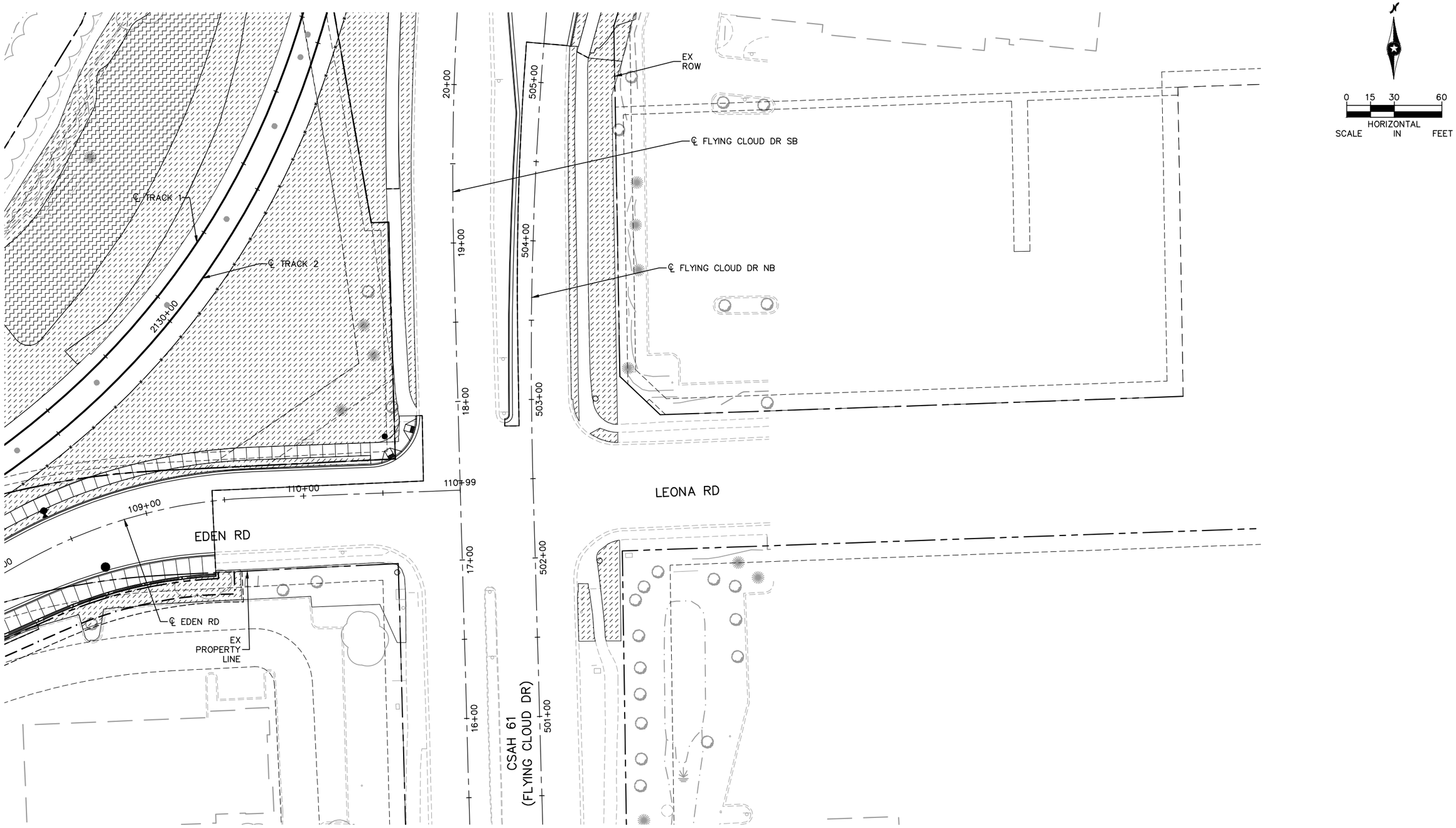
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
GLEN LN
STA. 40+00 TO STA. 43+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 007

SHEET 154 OF 316

Jan, 18 2016 01:12 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: okrzmarzick



Jan. 18 2016 01:13 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: akrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

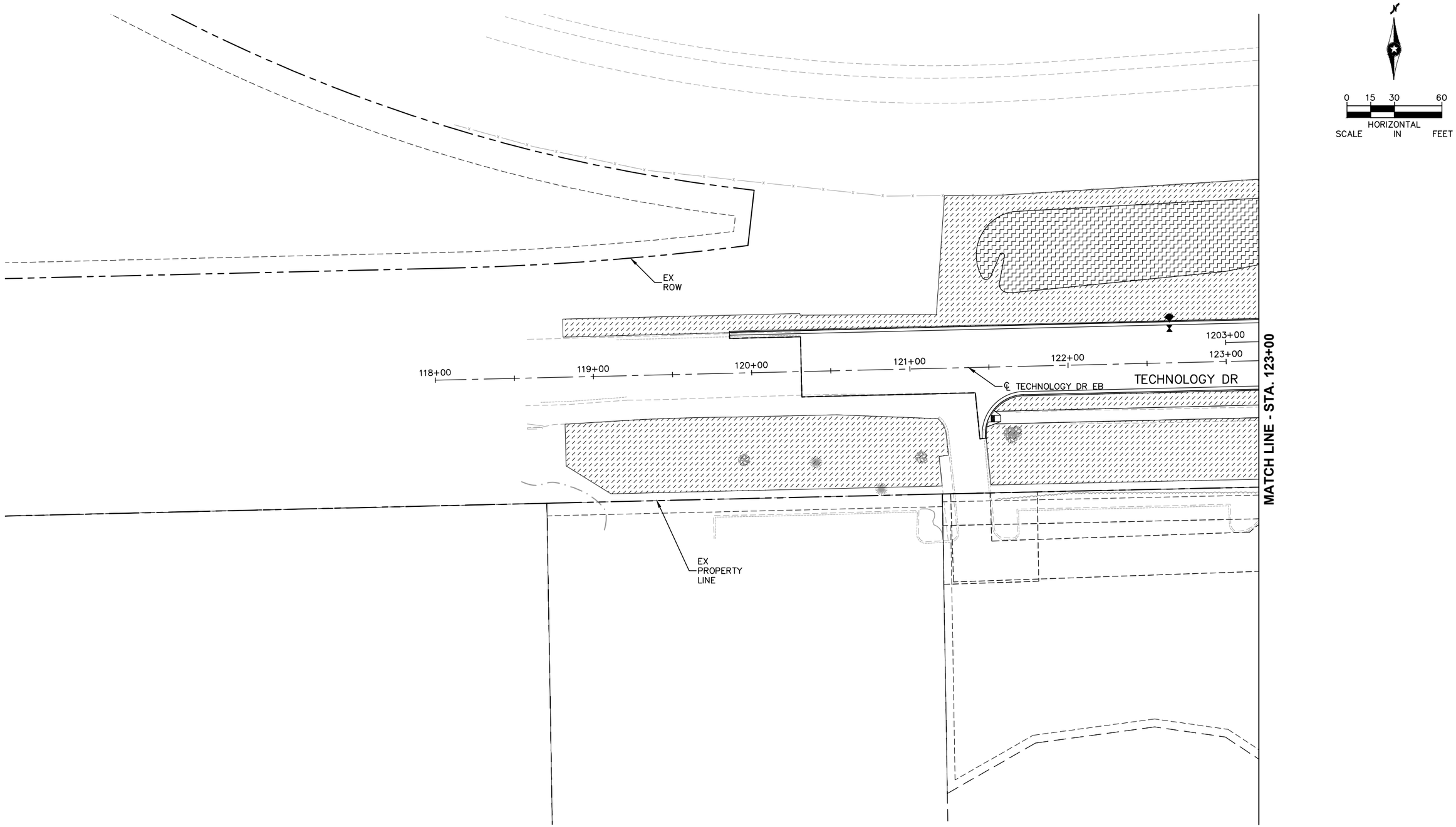
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CSAH 61 (FLYING CLOUD DR)
STA. 500+50 TO STA. 505+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 008

SHEET 155 OF 316



0 15 30 60
HORIZONTAL
SCALE IN FEET

Jan, 18 2016 01:13 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: okrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

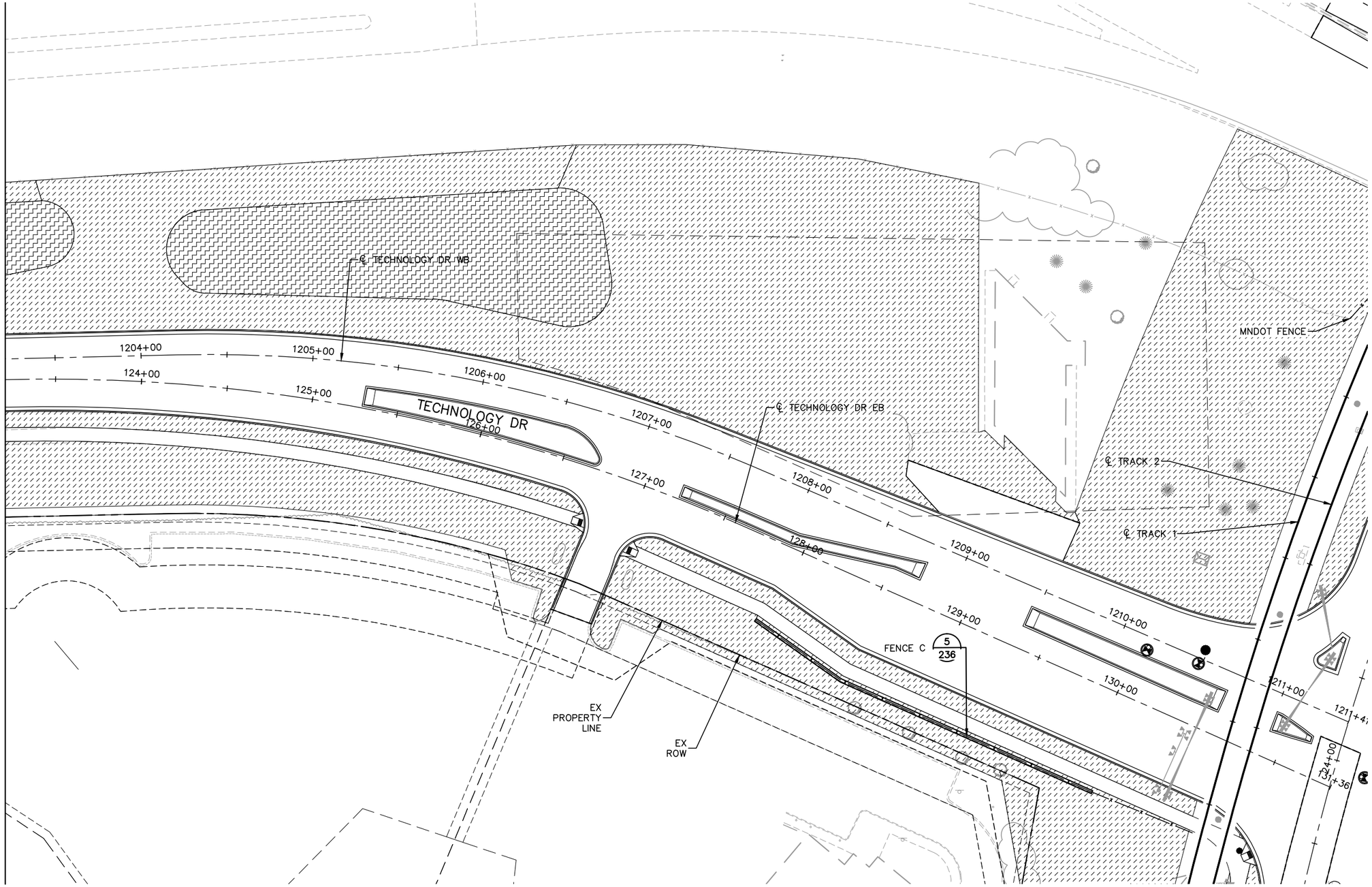
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
TECHNOLOGY DR
STA. 119+00 TO STA. 123+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 009

SHEET 156 OF 316



Jan, 18 2016 01:14 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: dkrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

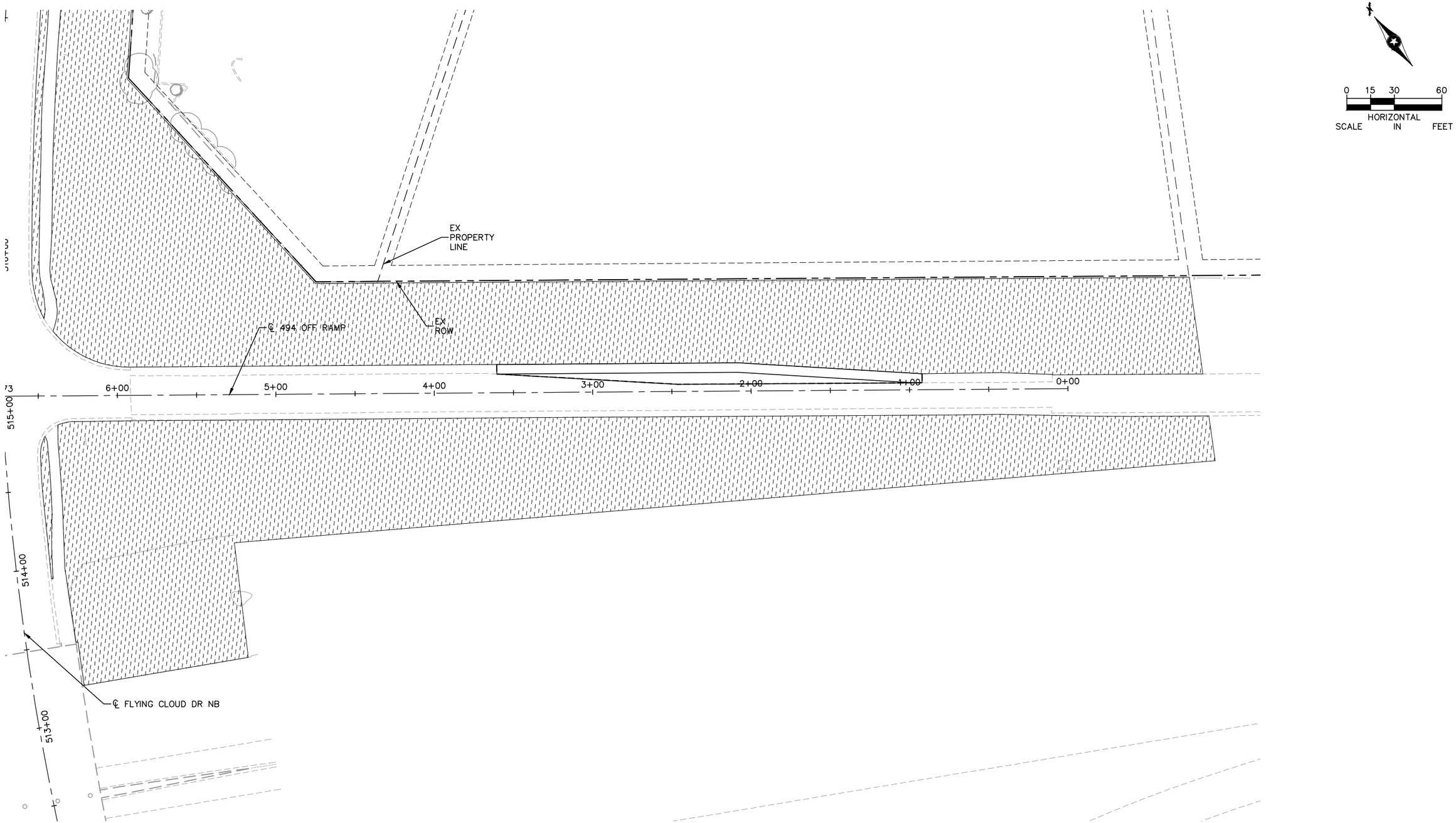
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
TECHNOLOGY DR
STA. 123+00 TO STA. 131+36

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 010

SHEET 157 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

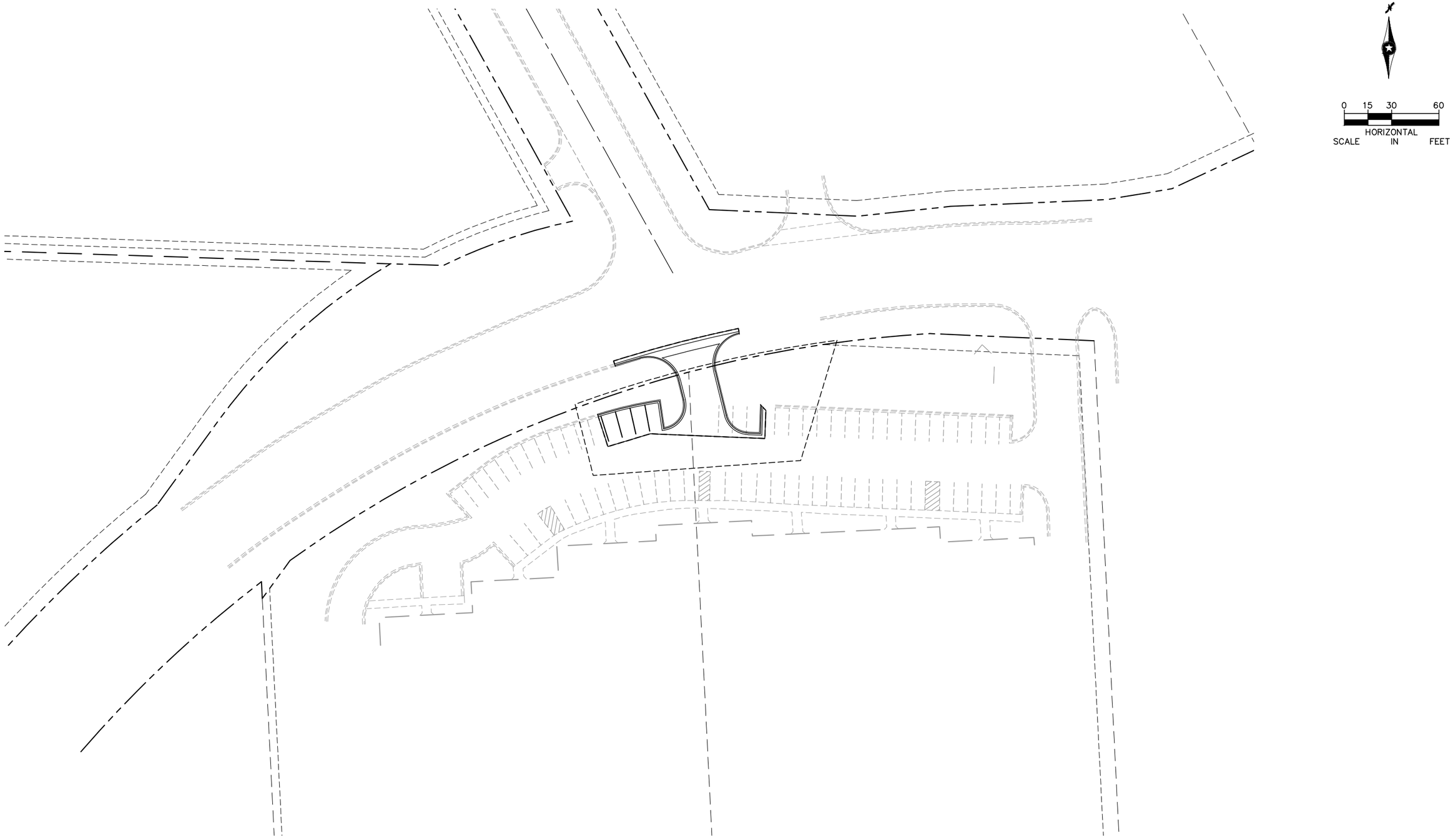
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
494 OFF RAMP
STA. 6+50 TO STA. 0+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-RWY - 011

SHEET 158 OF 316

Jan, 18 2016 01:15 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-RWY.dwg By: akrzmarzick



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HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

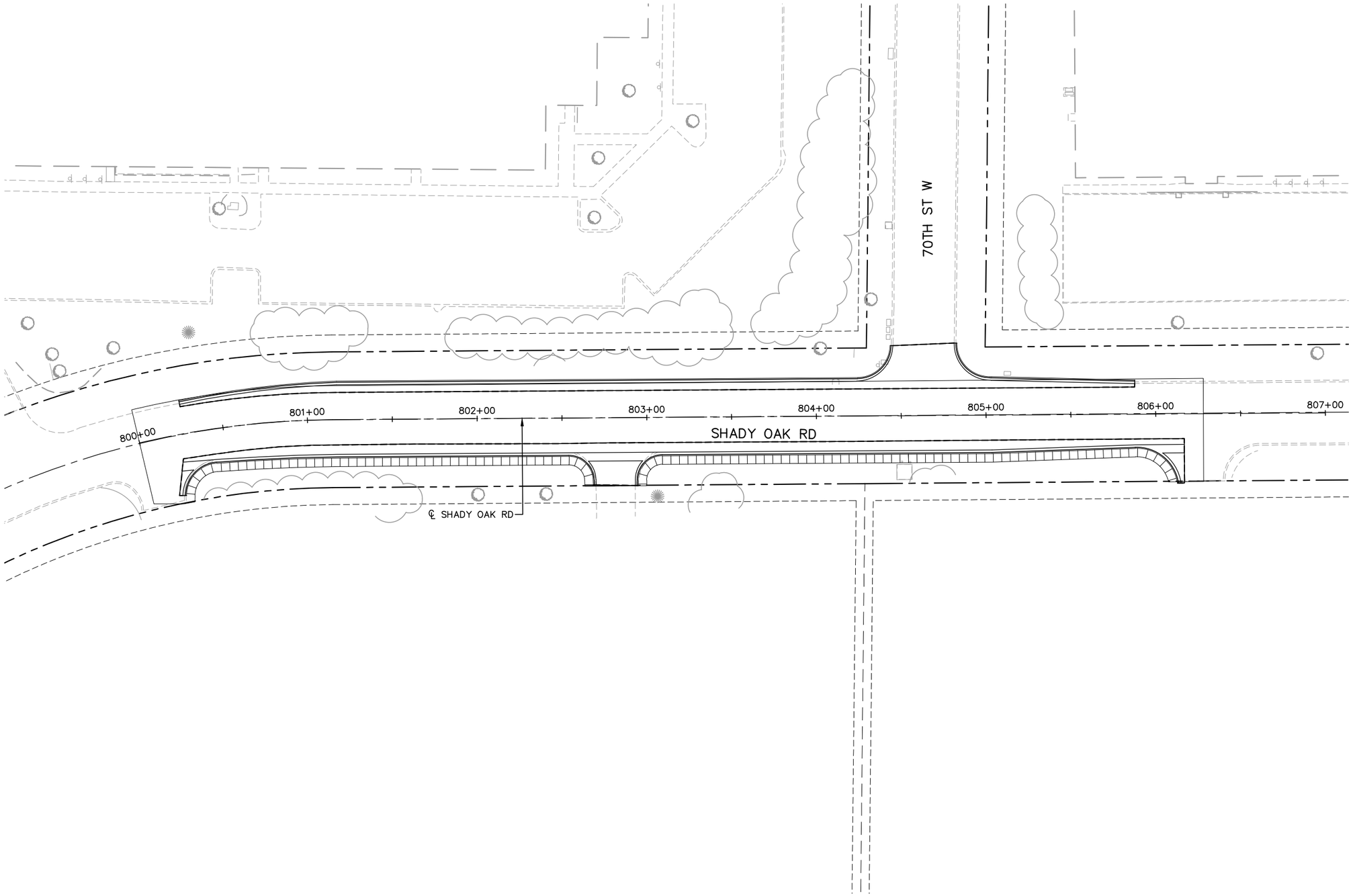
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-RWY - 001

SHEET 159 OF 316

Jan, 18 2016 01:16 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-RWY.dwg By: dkrzmarzick



0 15 30 60
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

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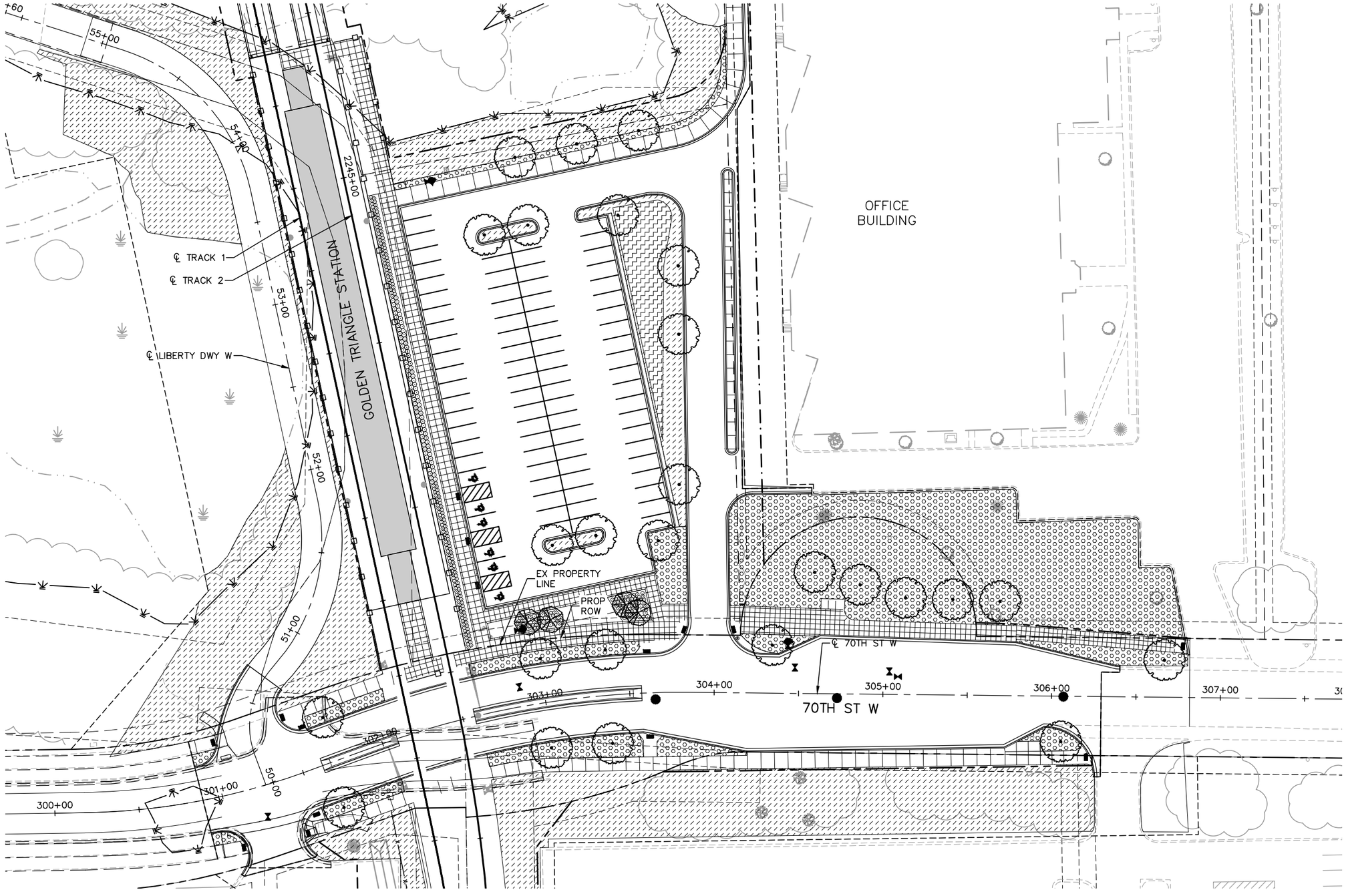
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
SHADY OAK RD
STA. 800+00 TO STA. 807+00

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W2-LAN-RWY - 002

SHEET 160 OF 316

Jan, 18 2016 01:17 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-RWY.dwg By: akrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

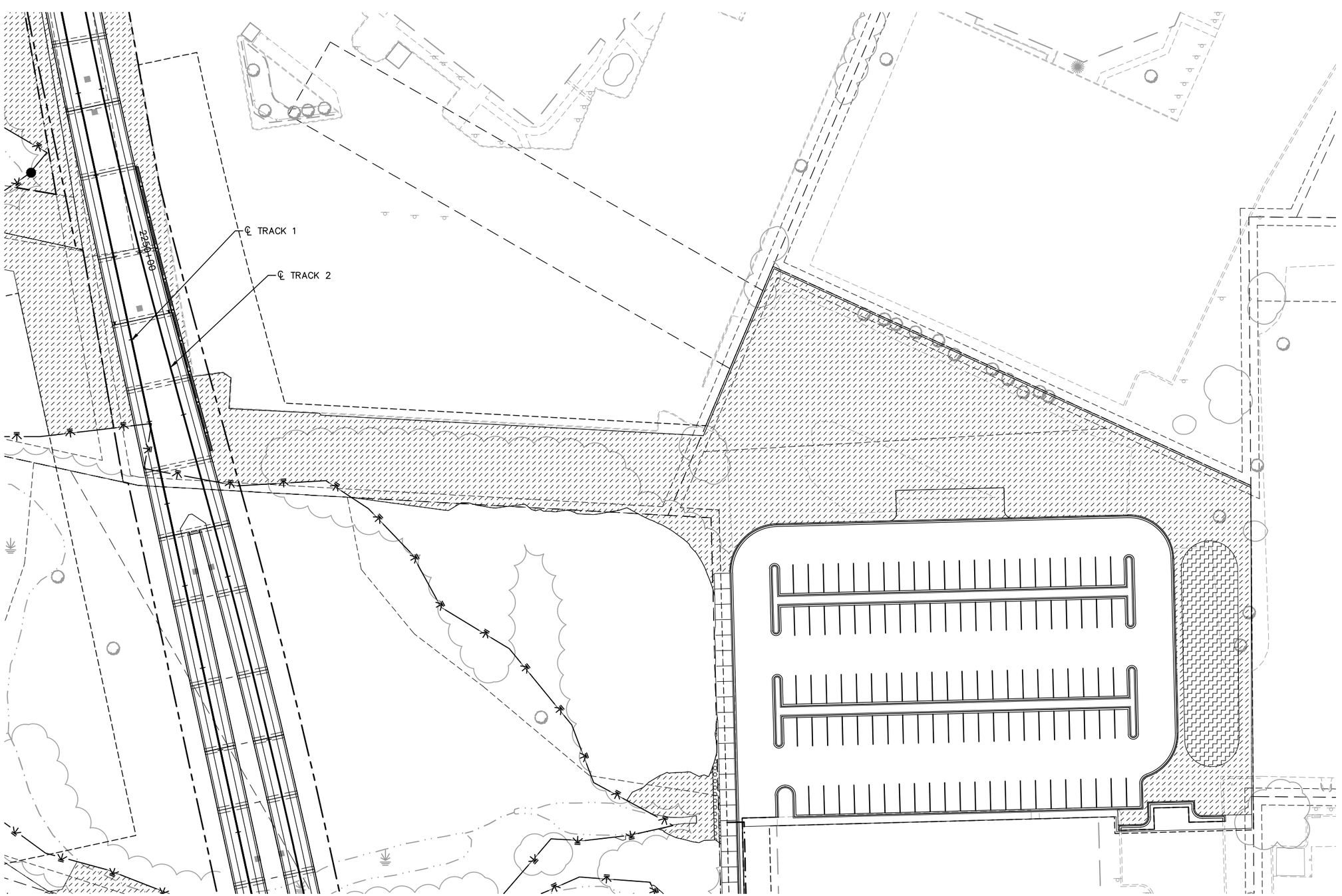
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
70TH ST W
STA. 300+00 TO STA. 307+80

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-RWY - 003

SHEET 161 OF 316

Jan, 18 2016 01:17 pm v:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-RWY.dwg By: akrzmarzick



Jan, 18 2016 01:18 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-RWY.dwg By: okrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

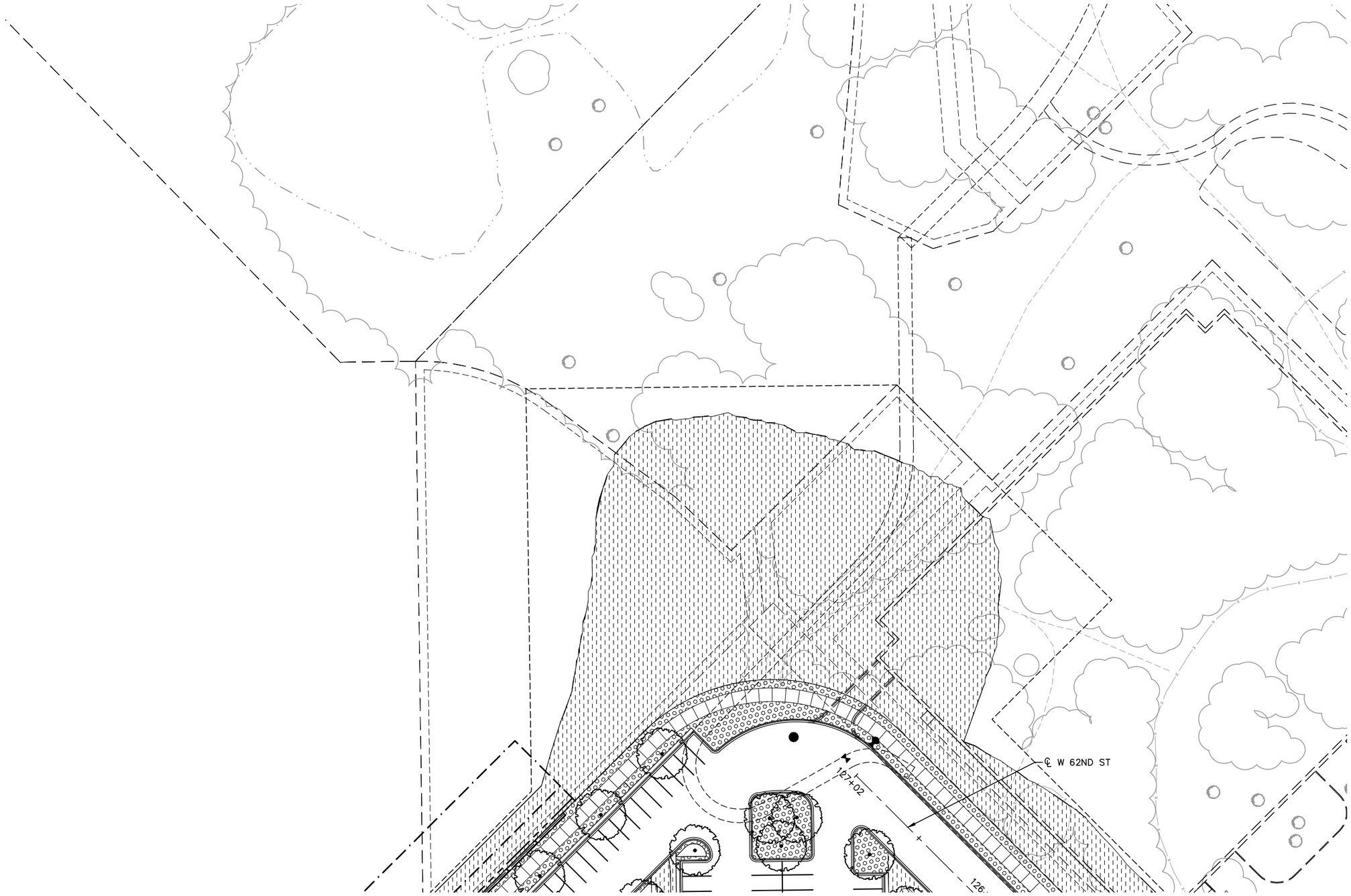
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-RWY - 004

SHEET 162 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

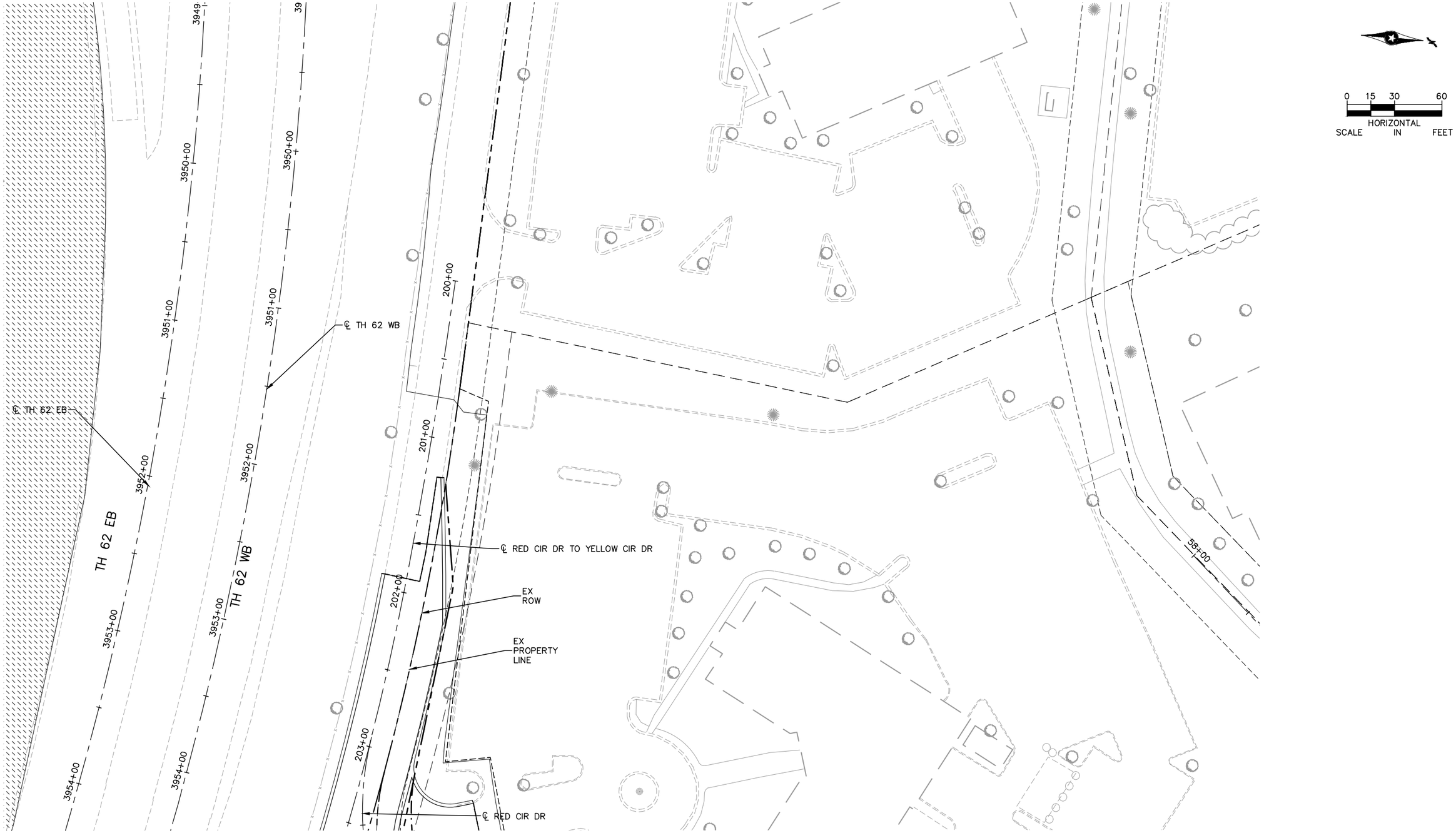
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
W 62ND ST
STA. 127+02 TO STA. 126+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-RWY - 005

SHEET 163 OF 316

Jan, 18 2016 01:18 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-RWY.dwg By: akrzmarzick



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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

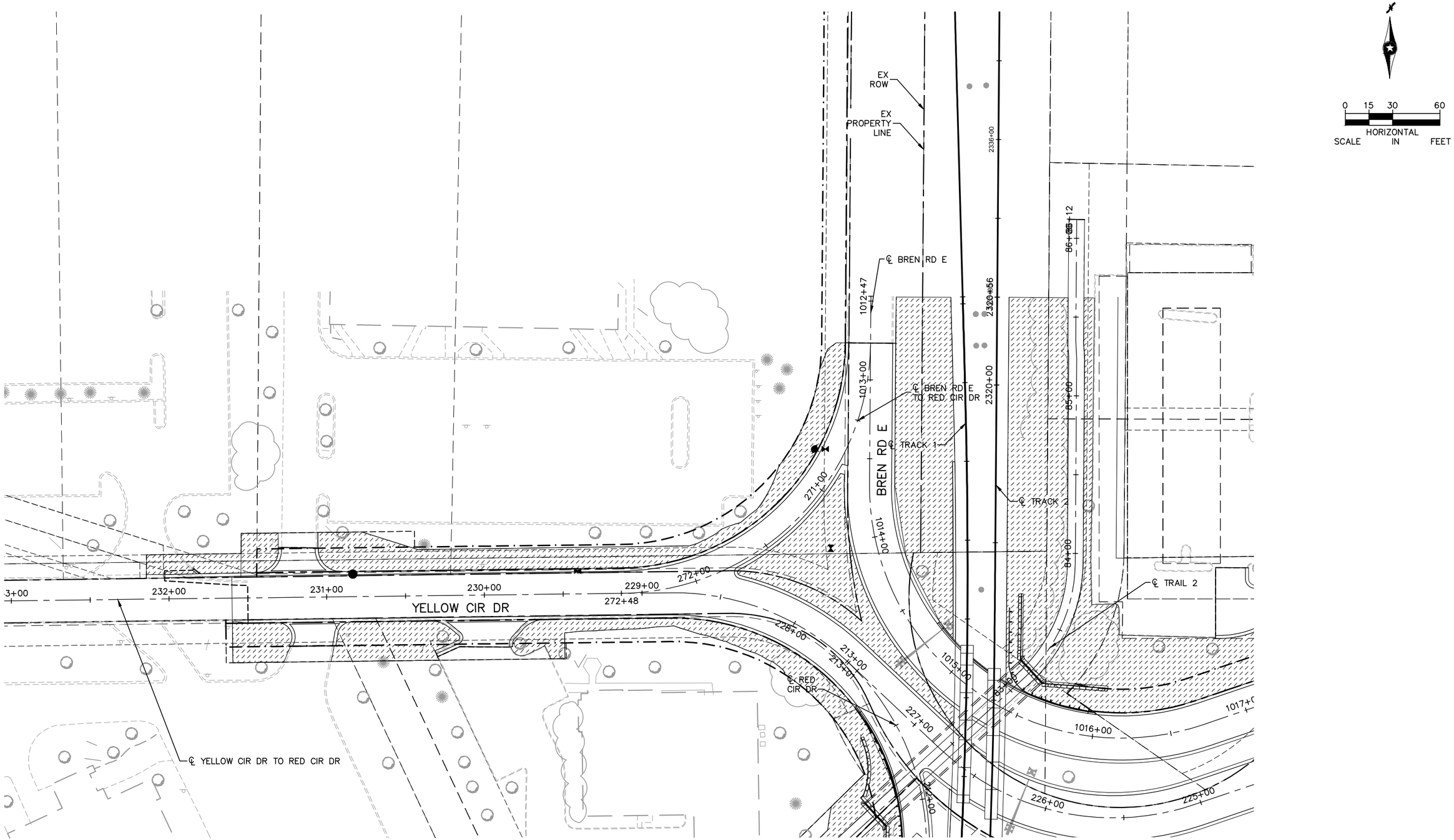
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
RED CIR DR TO YELLOW CIR DR
STA. 200+00 TO STA. 203+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-RWY - 006

SHEET 164 OF 316

Jan, 18 2016 01:19 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-RWY.dwg By: akrzmarzick



Jan, 18 2016 01:19 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-RWY.dwg By: dkrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

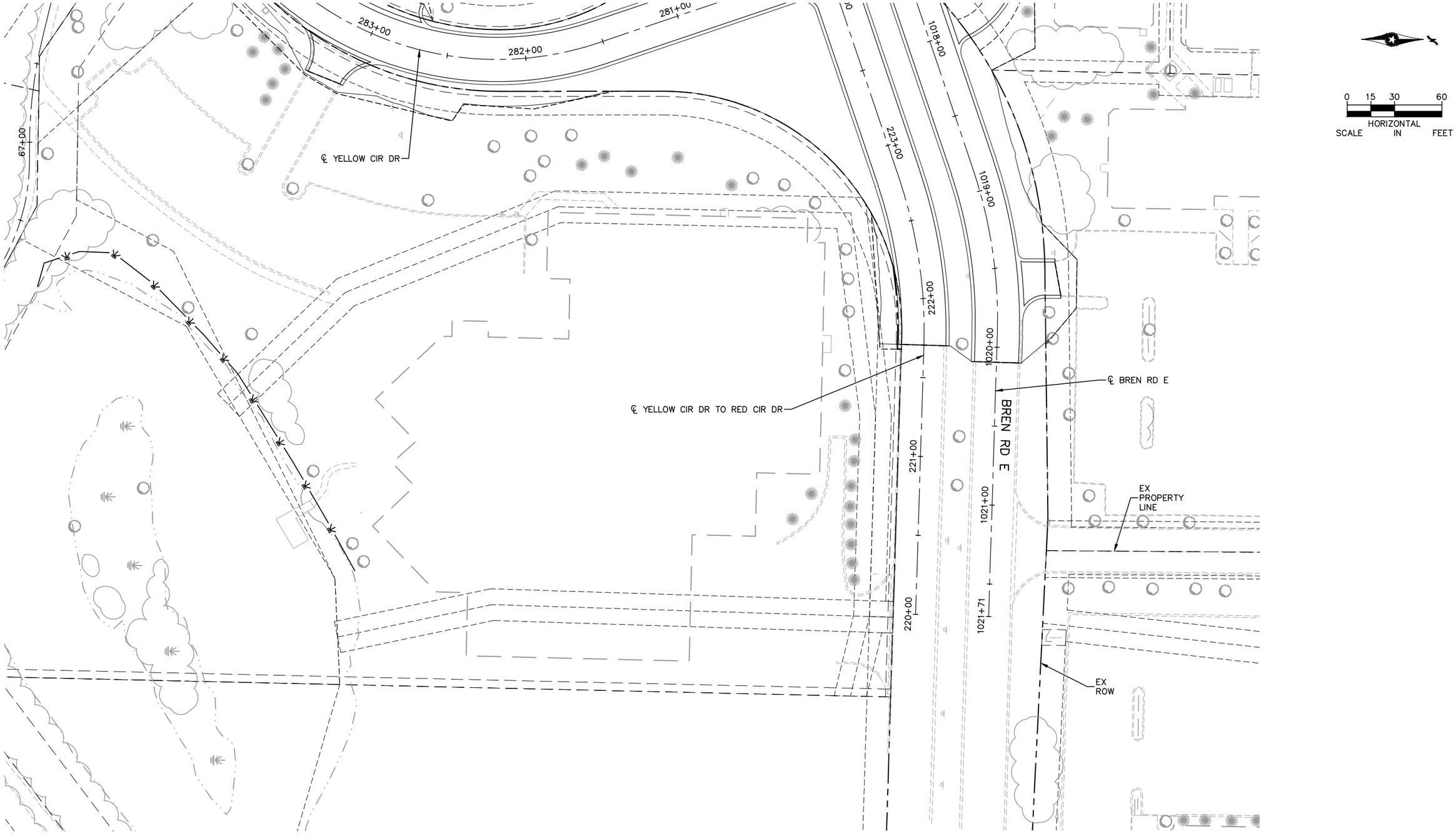
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
RED CIR DR TO YELLOW CIR DR
STA. 233+00 TO STA. 225+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-RWY - 007

SHEET 165 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

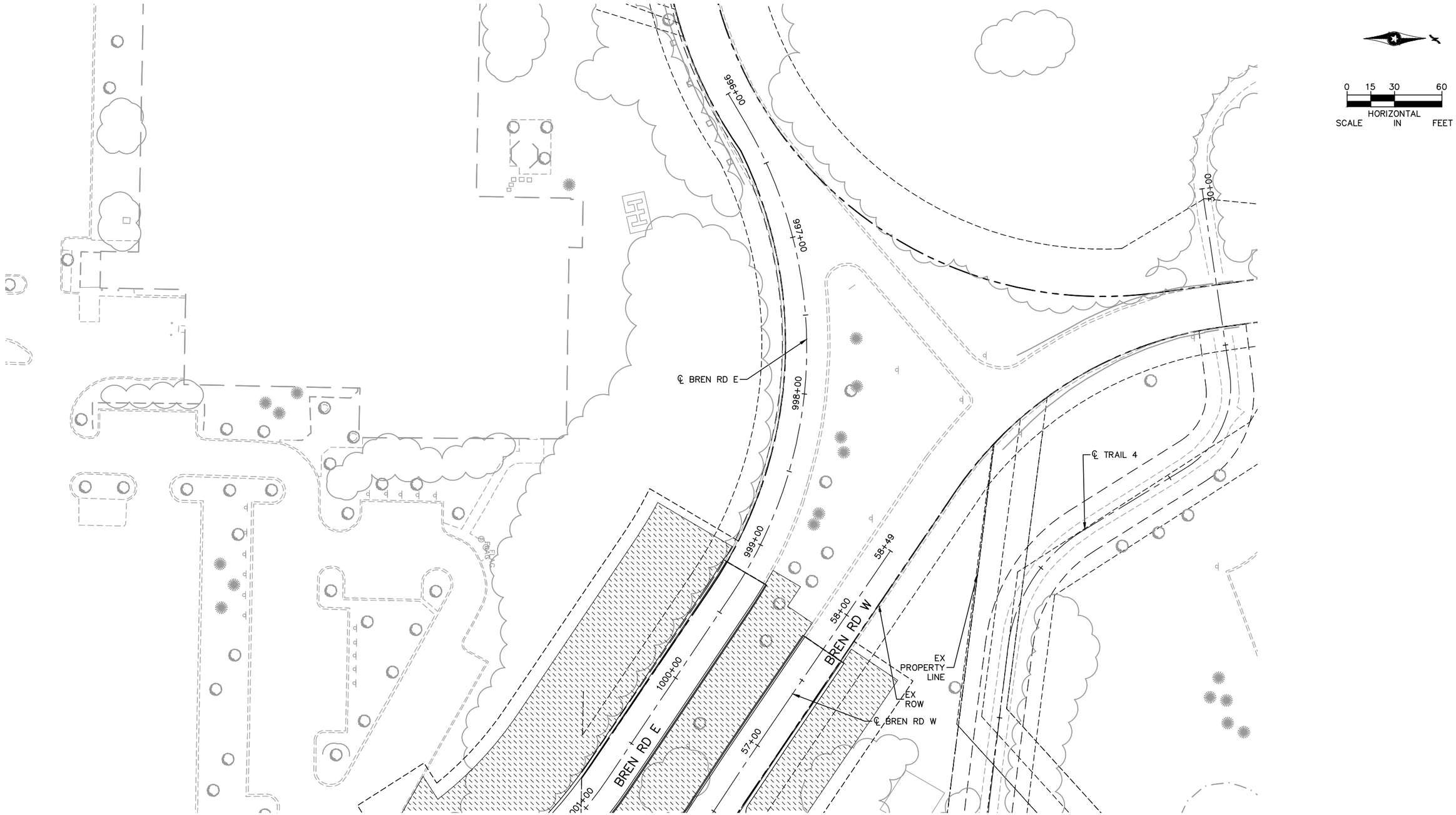
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
BREN RD E
STA. 1018+00 TO STA. 1021+71

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-RWY - 008

SHEET 166 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
BREN RD E
STA. 996+00 TO STA. 1001+00

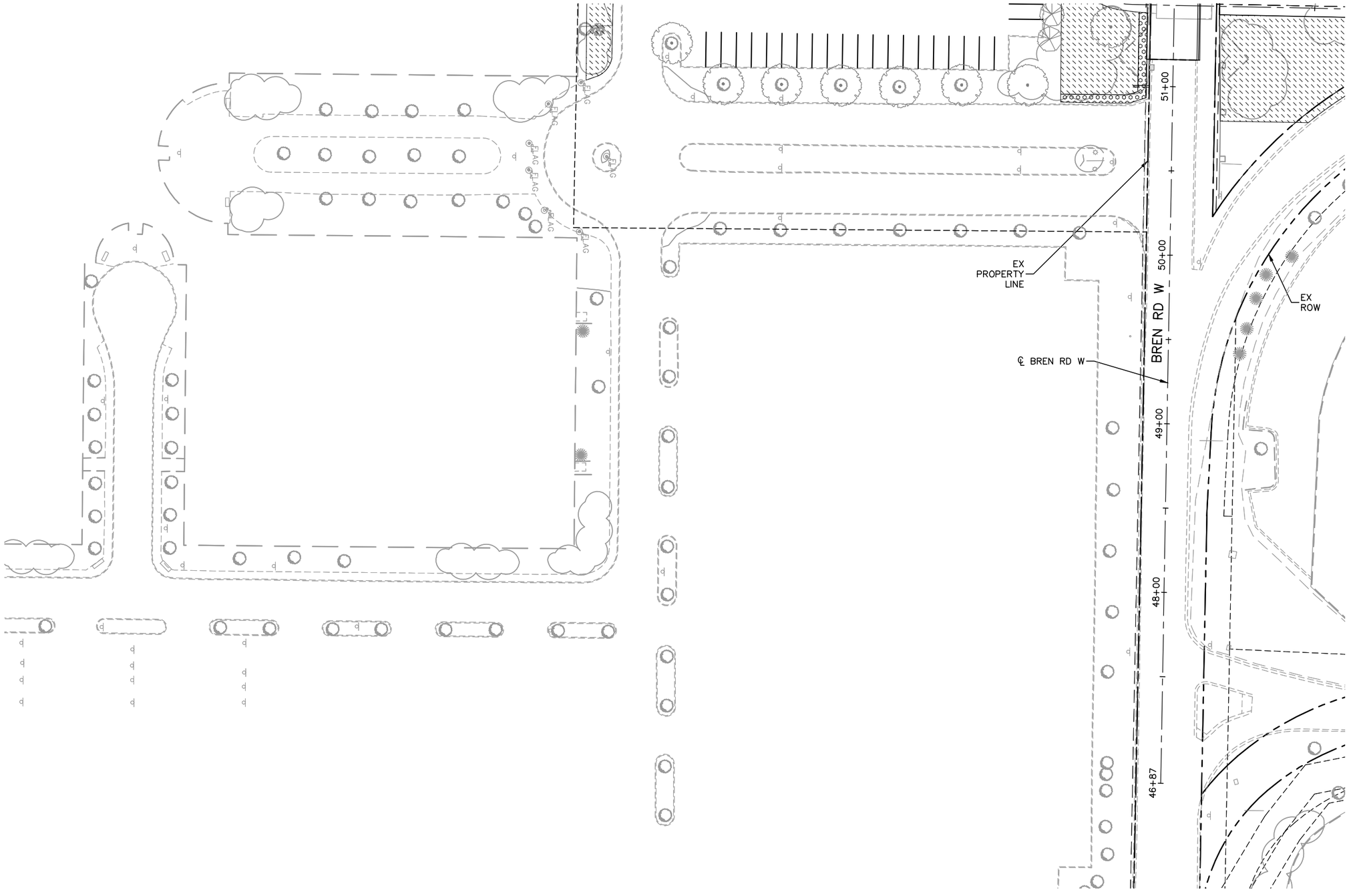
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-RWY - 001

SHEET 167 OF 316

Jan. 18 2016 01:22 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-RWY.dwg By: akrzmarzick

W2-LAN-RWY.dwg



0 15 30 60
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

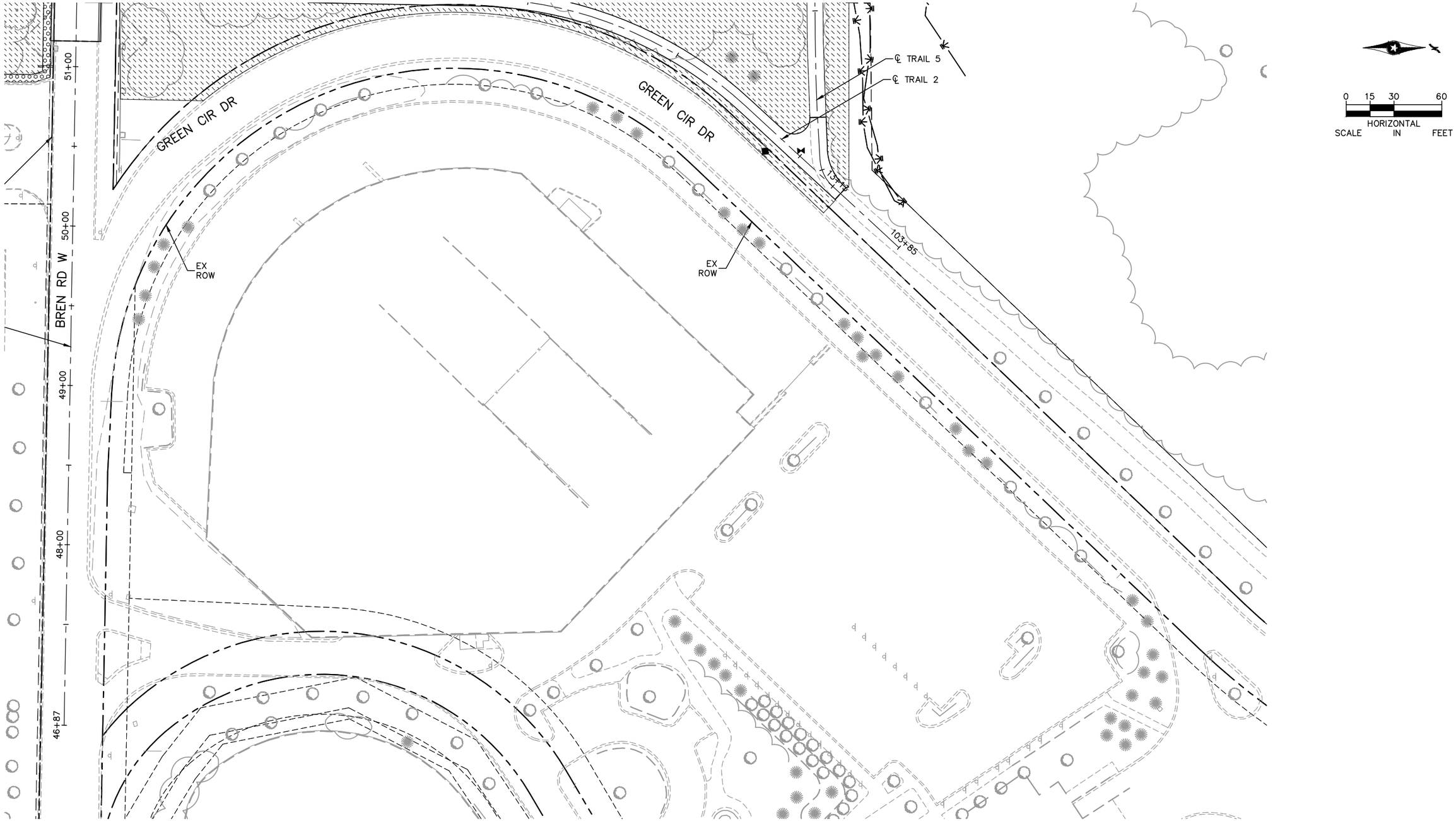
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
BREN RD W
STA. 46+87 TO STA. 51+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-RWY - 002

SHEET 168 OF 316

Jan, 18 2016 01:23 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-RWY.dwg By: dkrzmarzick



Jan, 18 2016 01:23 pm v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-RWY.dwg By: dkrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

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METROPOLITAN COUNCIL

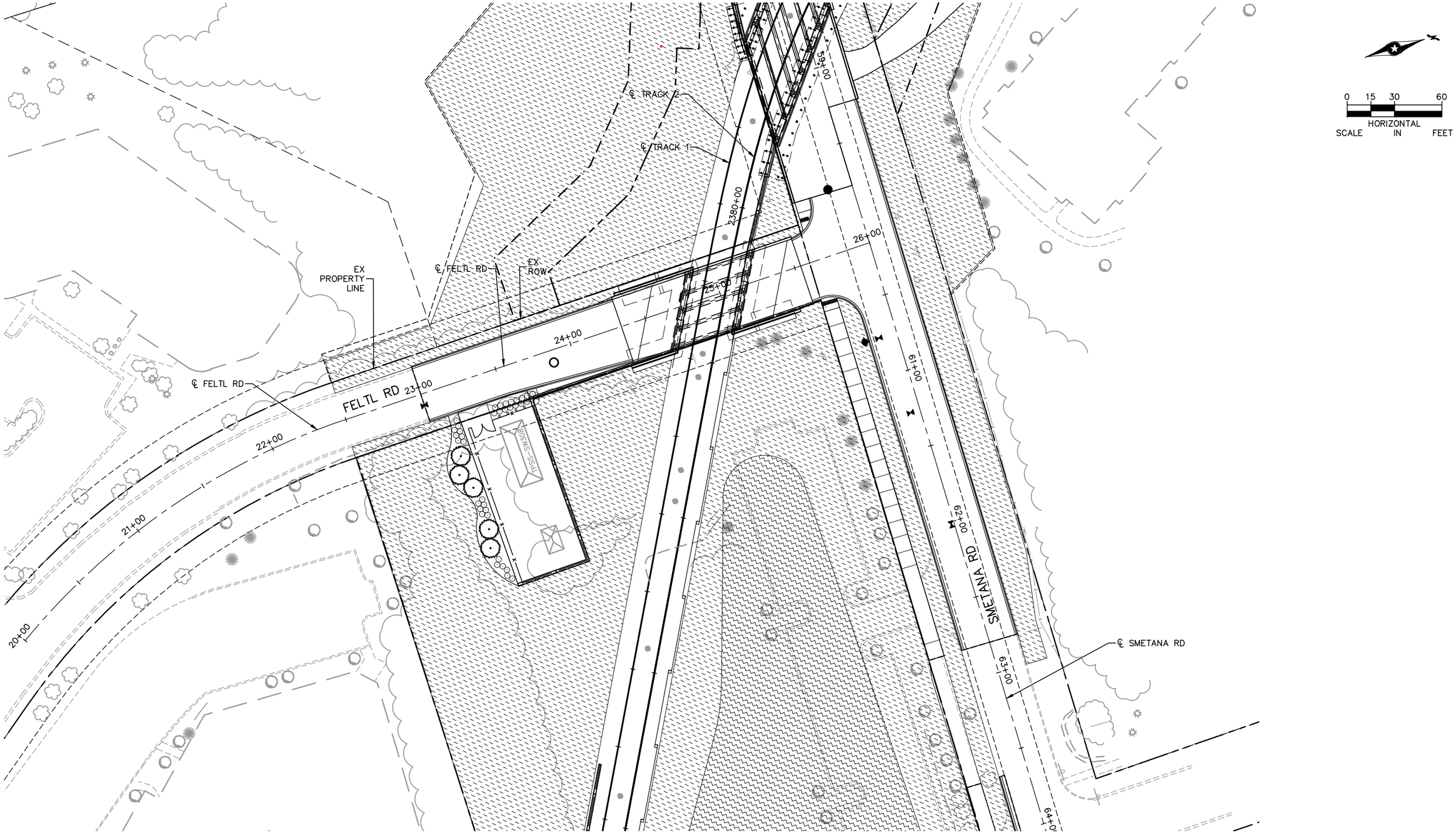
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
GREEN CIR DR
STA. 100+00 TO STA. 103+85

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-RWY - 003

SHEET 169 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
FELTL RD
STA. 20+00 TO STA. 26+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-RWY - 004

SHEET 170 OF 316

Jan, 18 2016 01:24 pm v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-RWY.dwg By: okrzmarzick



0 15 30 60
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

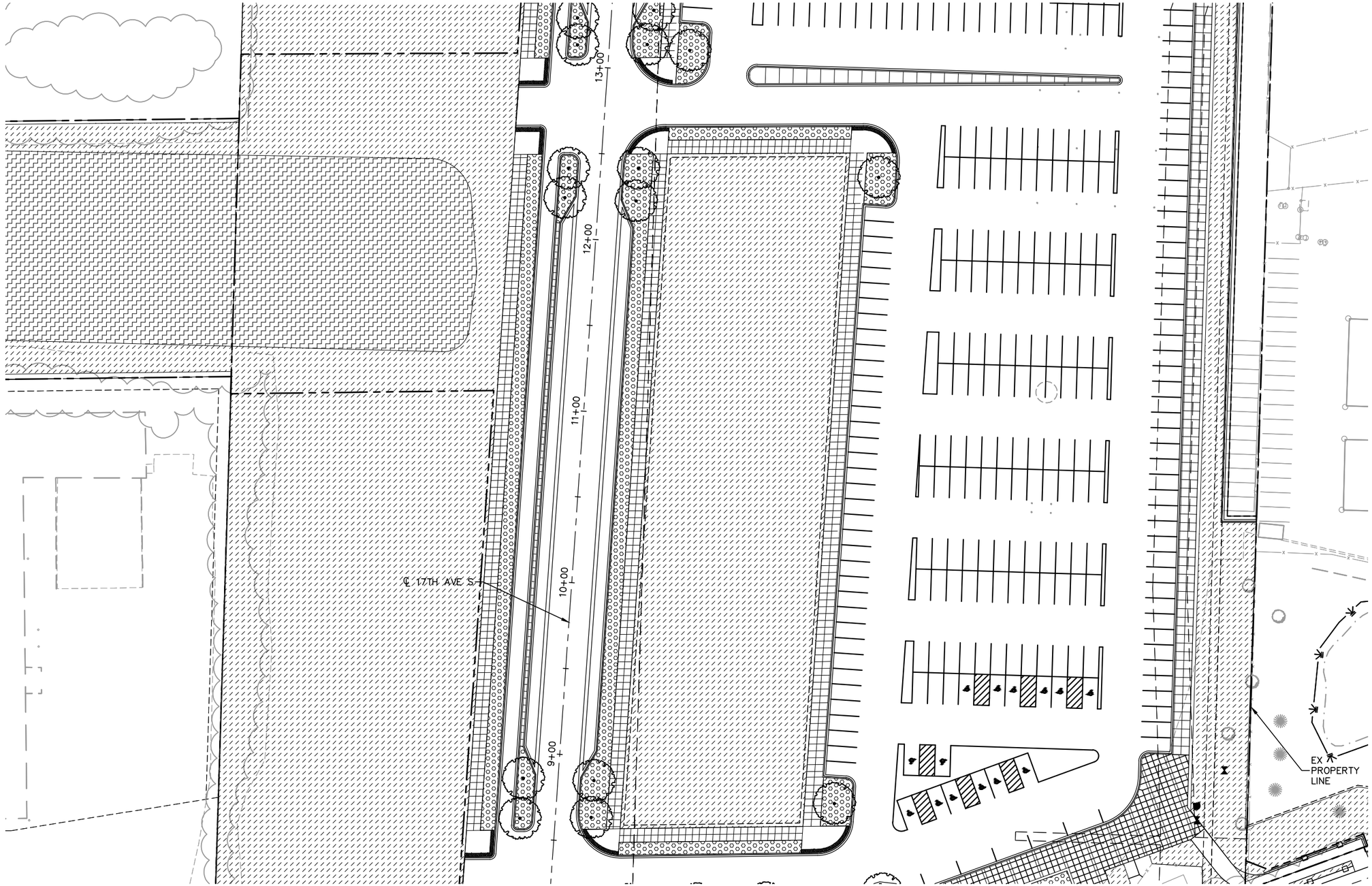
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
5TH ST S
STA. 4+00 TO STA. 5+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-RWY - 005

SHEET 171 OF 316

Jan, 18 2016 01:25 pm v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-RWY.dwg By: akrzmarzick



0 15 30 60
HORIZONTAL SCALE IN FEET

Jan. 18 2016 01:26 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-RWY.dwg By: akrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

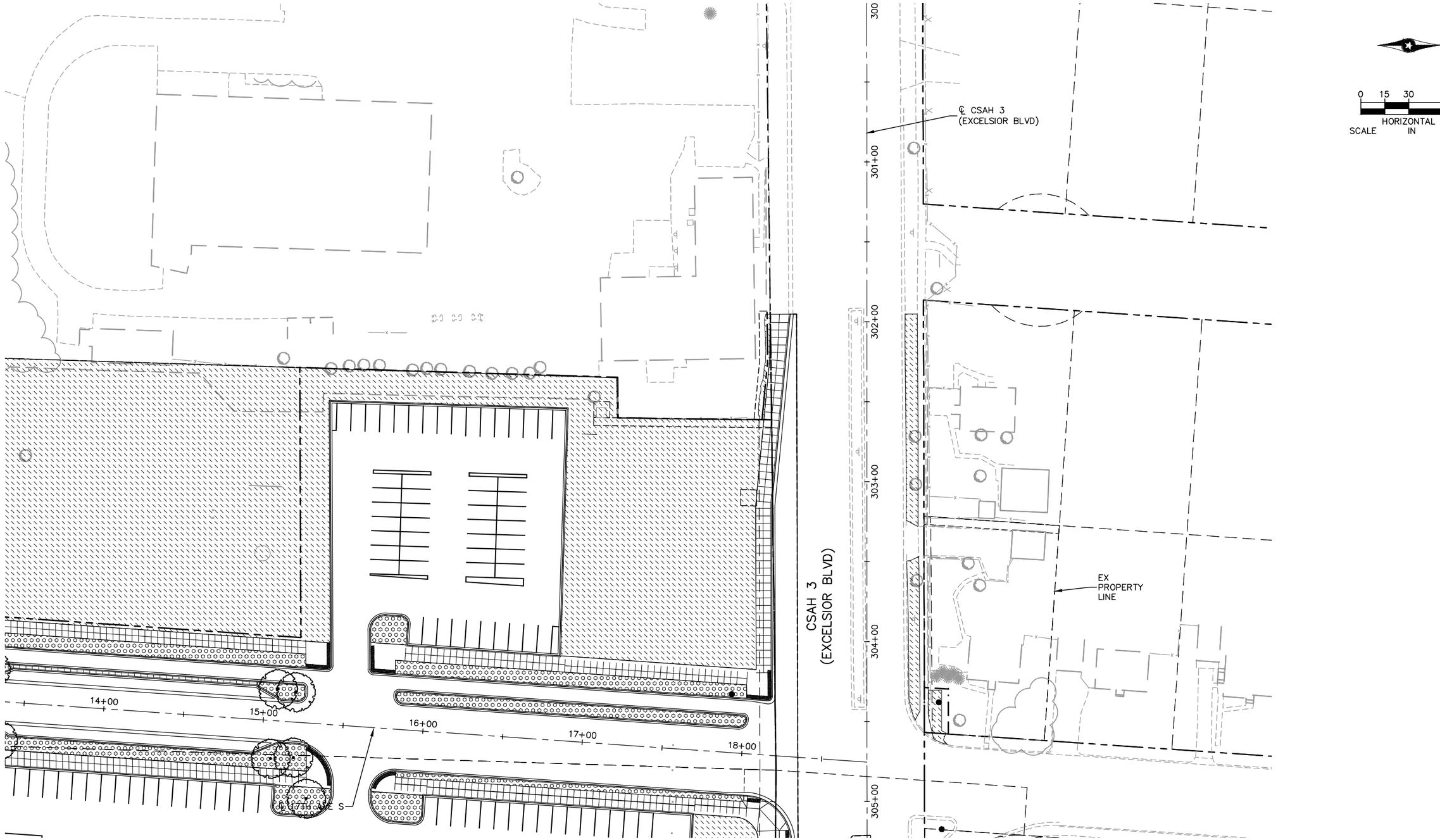
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
17TH AVE S
STA. 8+25 TO STA. 13+25

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-SUR-PLN-075

SHEET 172 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

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METROPOLITAN COUNCIL

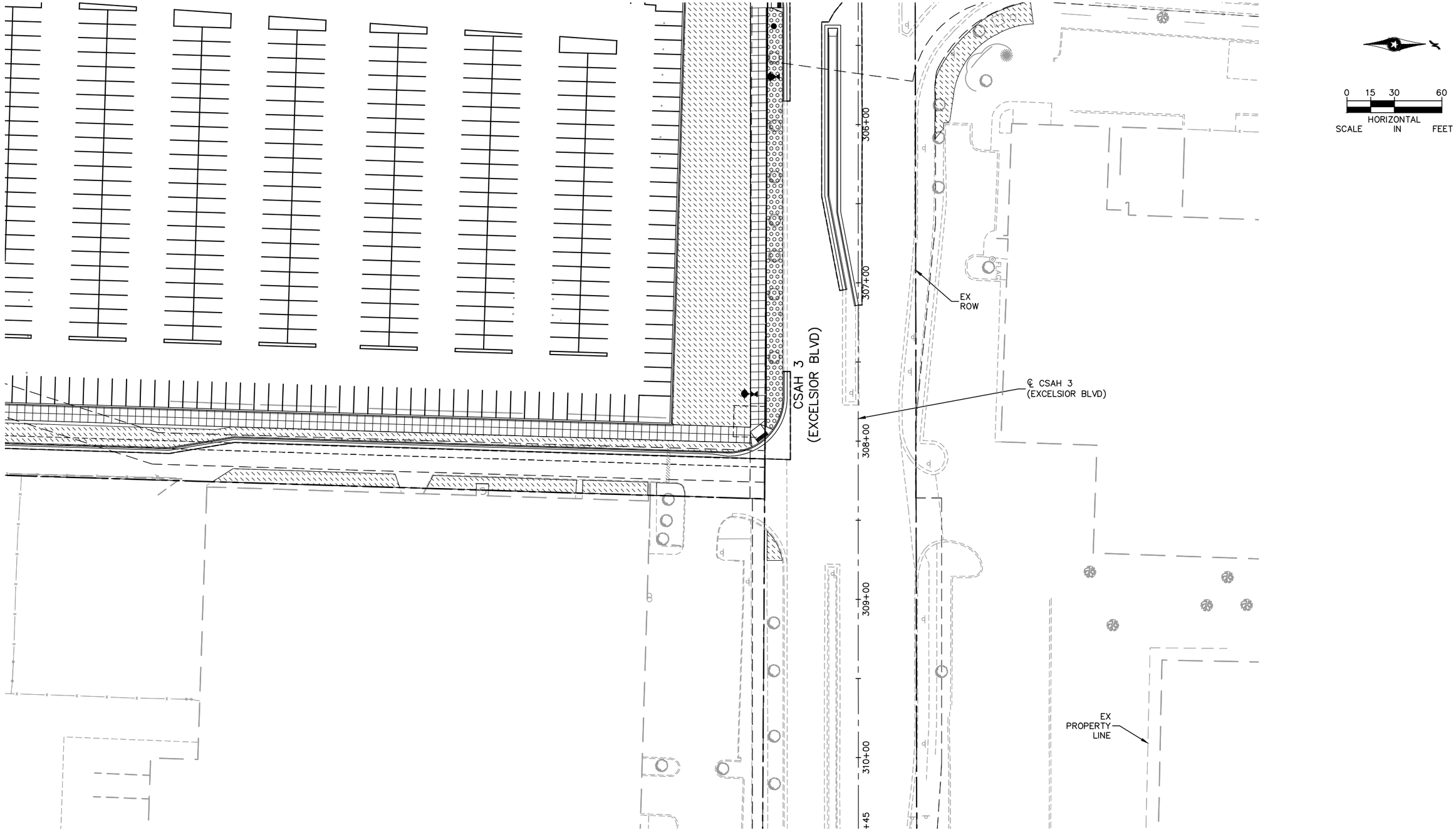
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
EXCELSIOR BLVD
STA. 300+00 TO STA. 305+75

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-RWY - 007

SHEET 173 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

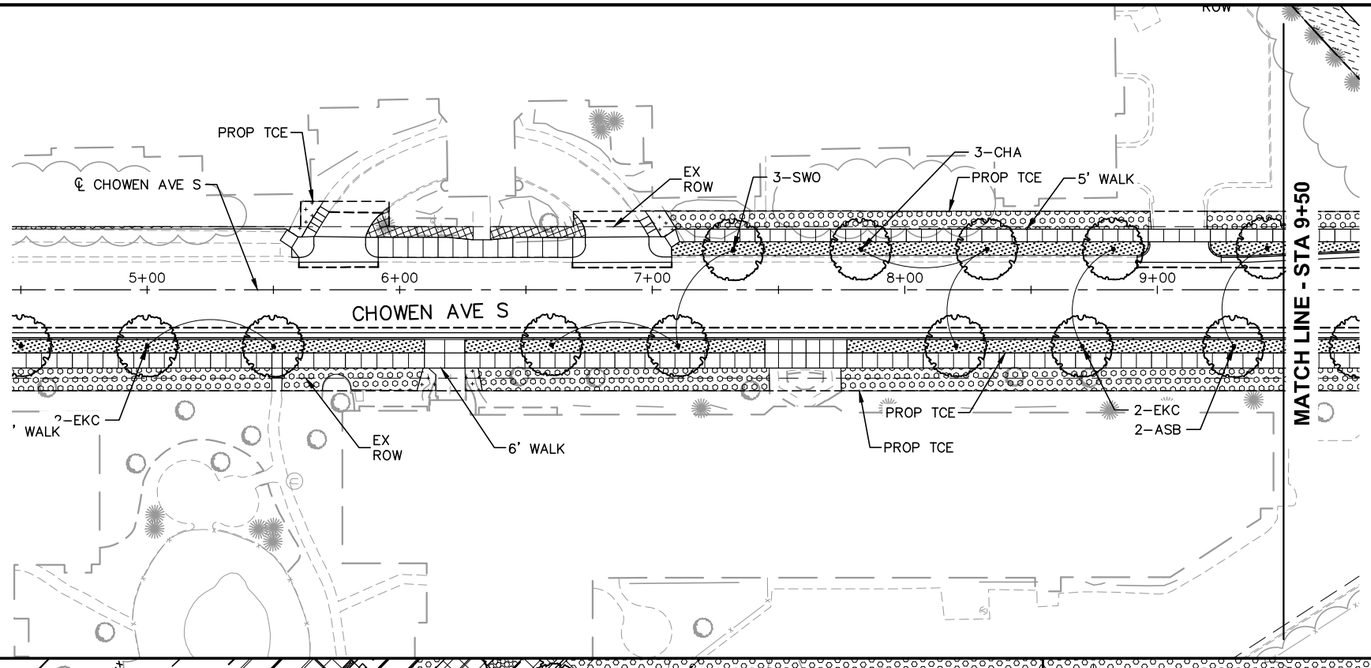
SOUTHWEST Green Line LRT Extension

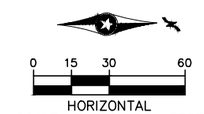
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
EXCELSIOR BLVD
STA. 305+75 TO STA. 310+45

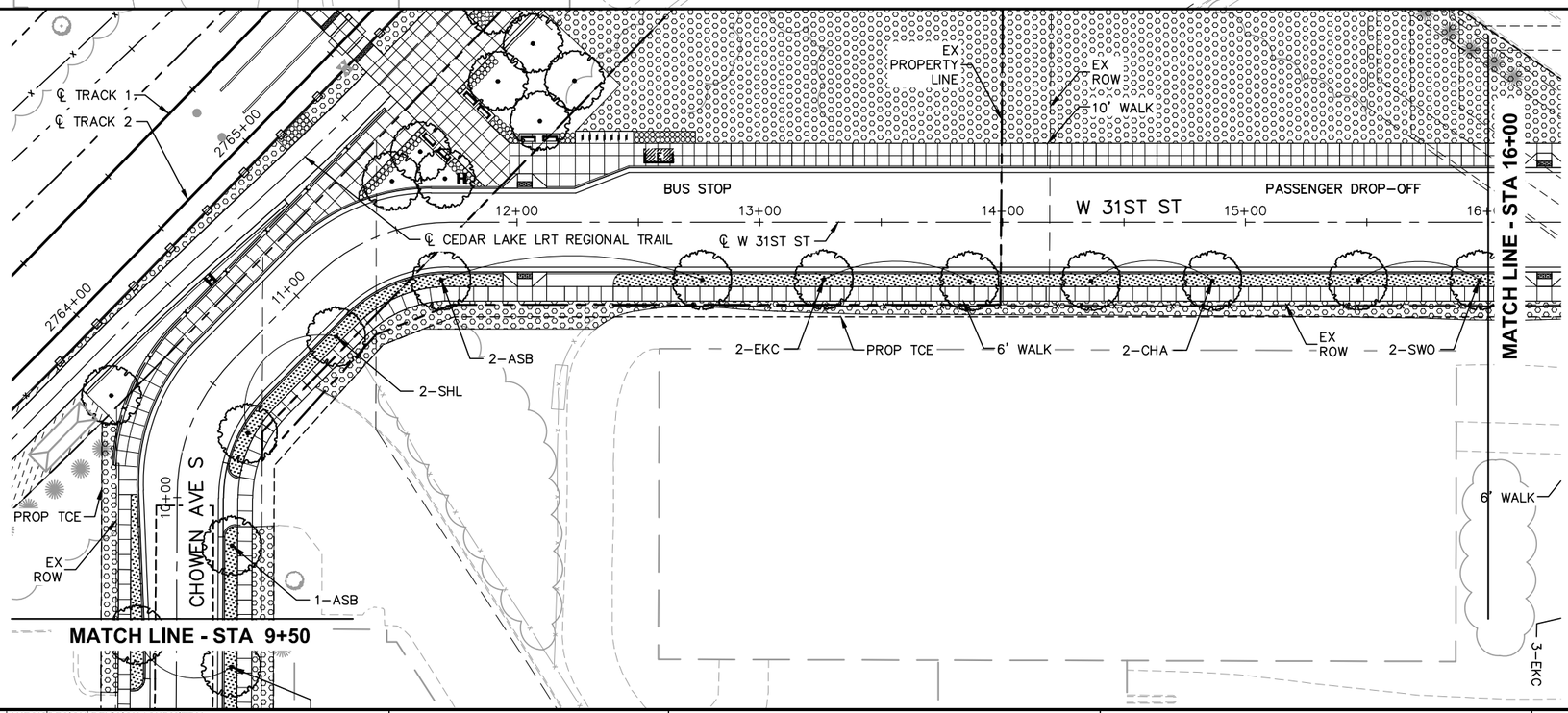
DISCIPLINE: LANDSCAPE ARCH

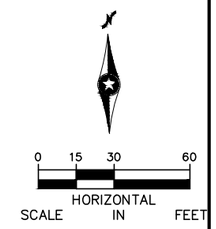
SHEET NAME: W3-LAN-RWY - 008

SHEET 174 OF 316









NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

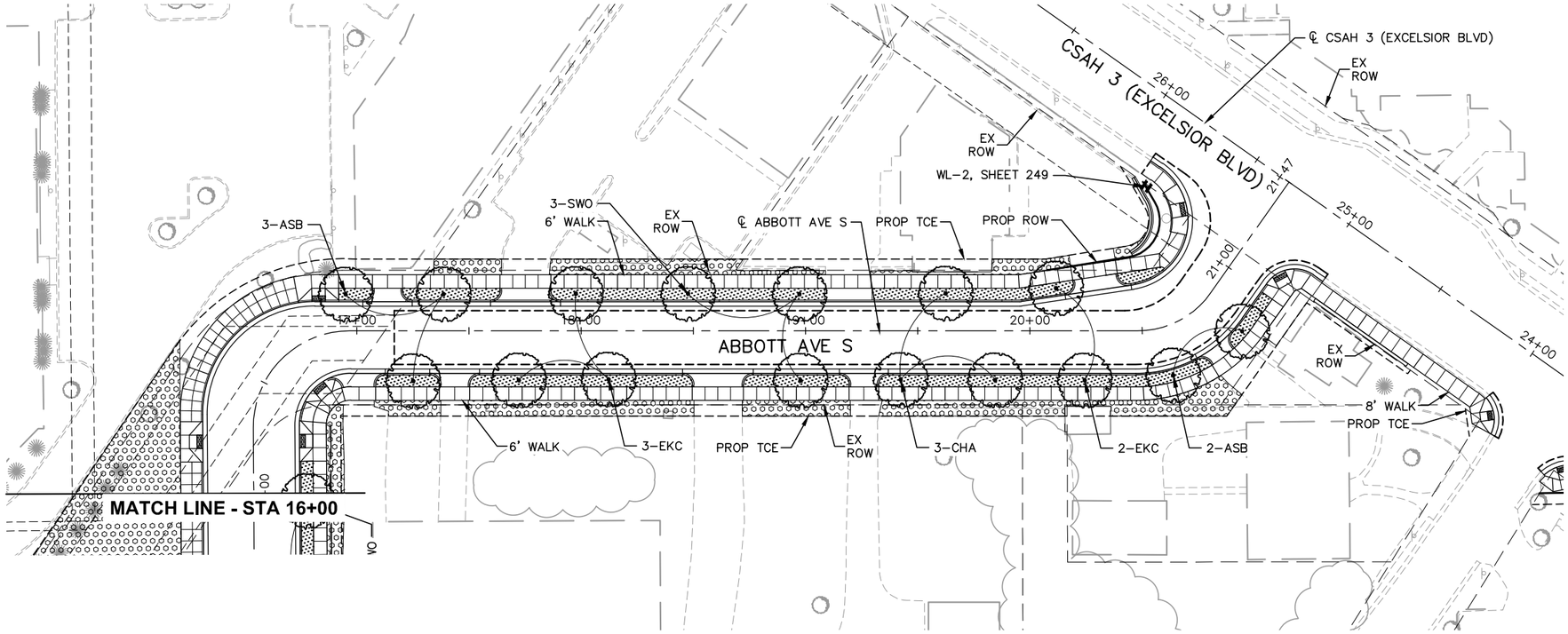
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CHOWEN AVE S AND W 31ST ST
STA 4+50 TO STA 16+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-RWY - 001

SHEET 175 OF 316

Jan, 18 2016 06:42 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-RWY.dwg By: V-MozzetBR



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

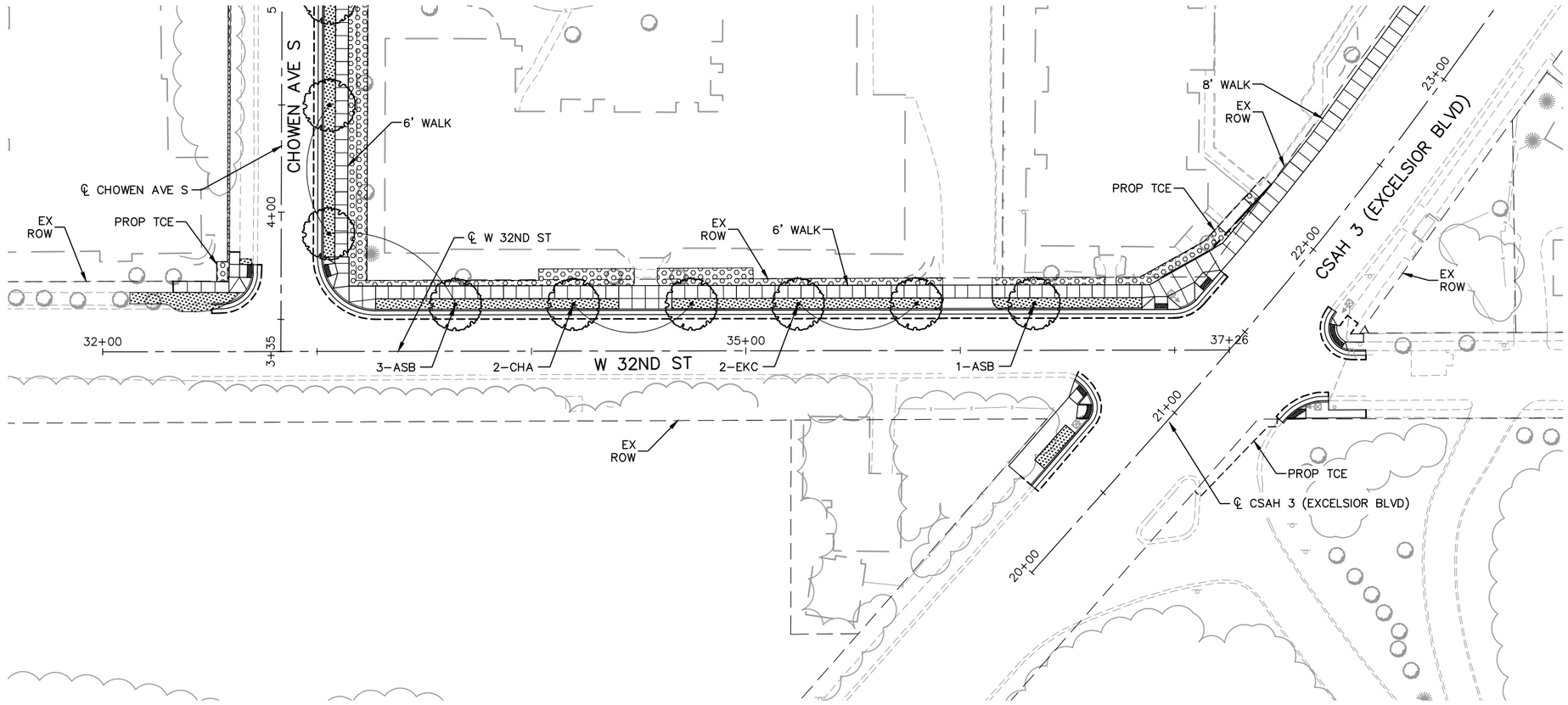
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
ABBOTT AVE S
STA 16+00 TO STA 21+46

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-RWY - 002

SHEET 176 OF 316



0 15 30 60
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

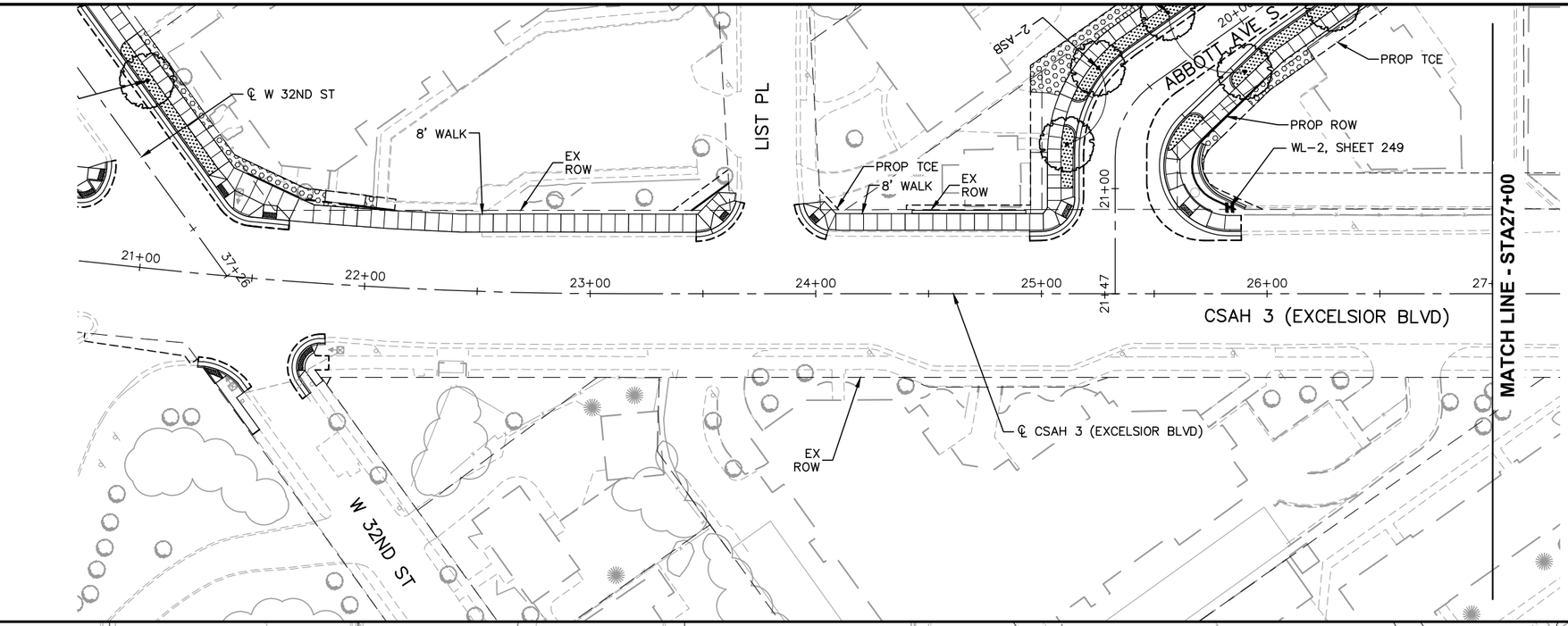
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
W 32ND ST
STA 32+00 TO STA 37+26

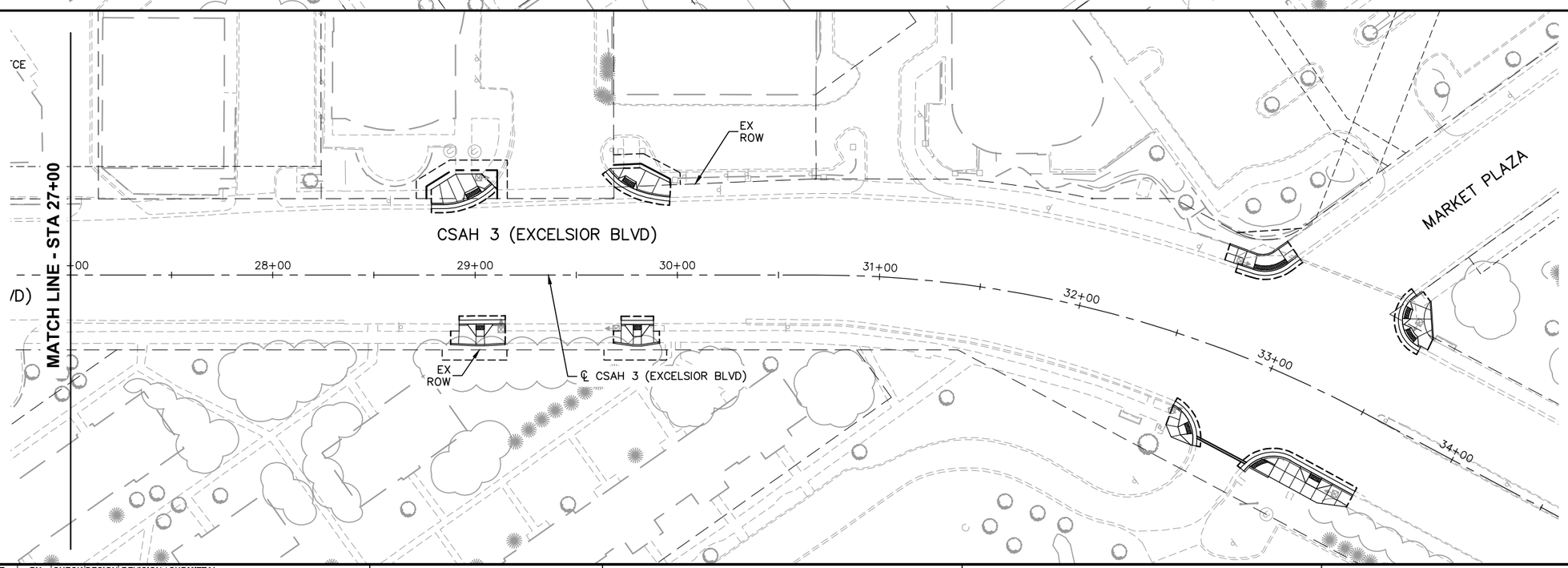
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-RWY - 003

SHEET 177 OF 316

Jan, 18 2016 06:43 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-RWY.dwg By: V-MozzetBR





Jan, 18 2016 06:45 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-RWY.dwg By: V-MozzetBR

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

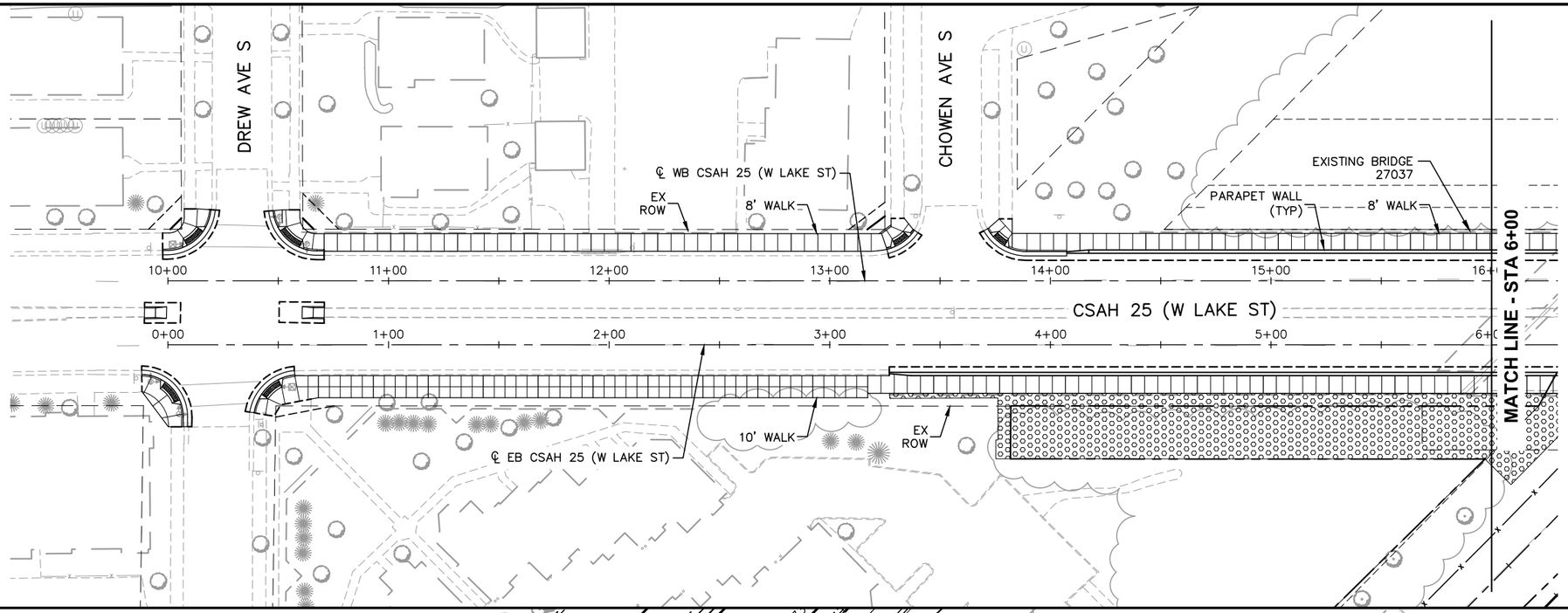
SOUTHWEST Green Line LRT Extension

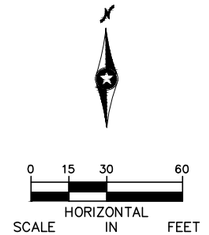
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CSAH 3 (EXCELSIOR BLVD)
STA 21+00 TO STA 34+00

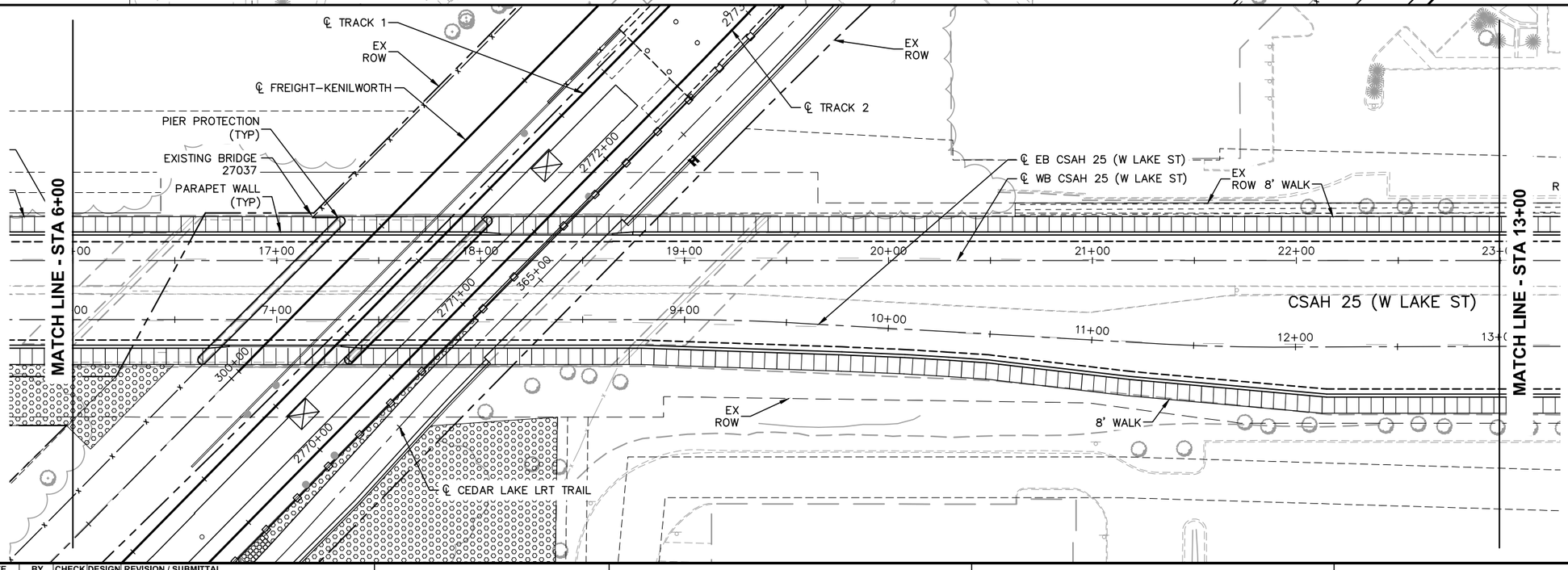
DISCIPLINE: LANDSCAPE ARCH

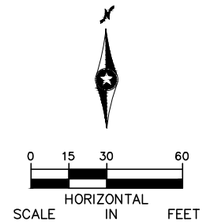
SHEET NAME: E3-LAN-RWY - 004

SHEET 178 OF 316









NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

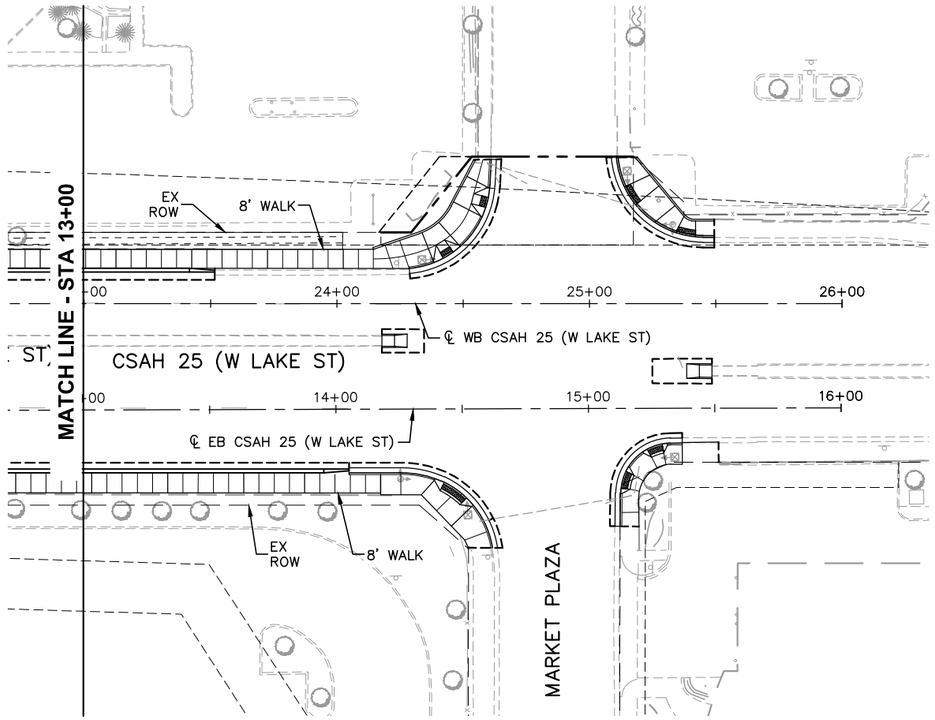
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CSAH 25 (W LAKE ST)
STA 0+00 TO STA 13+00

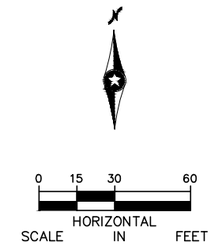
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-RWY - 005

SHEET 179 OF 316

Jan, 18 2016 06:46 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-RWY.dwg By: V-MozzetBR





Jan. 18 2016 06:47 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-RWY.dwg By: V-MozzetBR

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

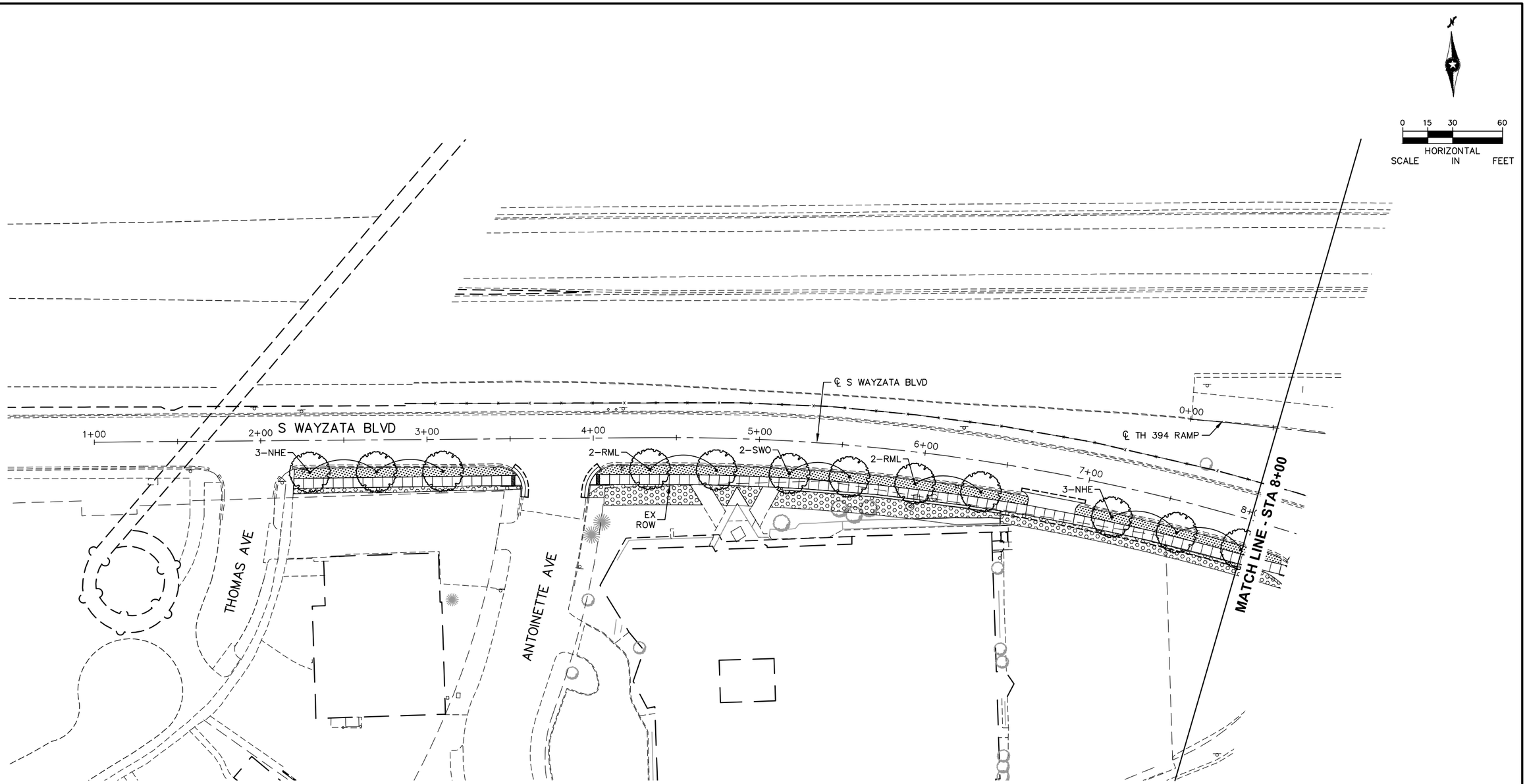
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CSAH 25 (W LAKE ST)
STA 13+00 TO STA 16+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-RWY - 006

SHEET 180 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

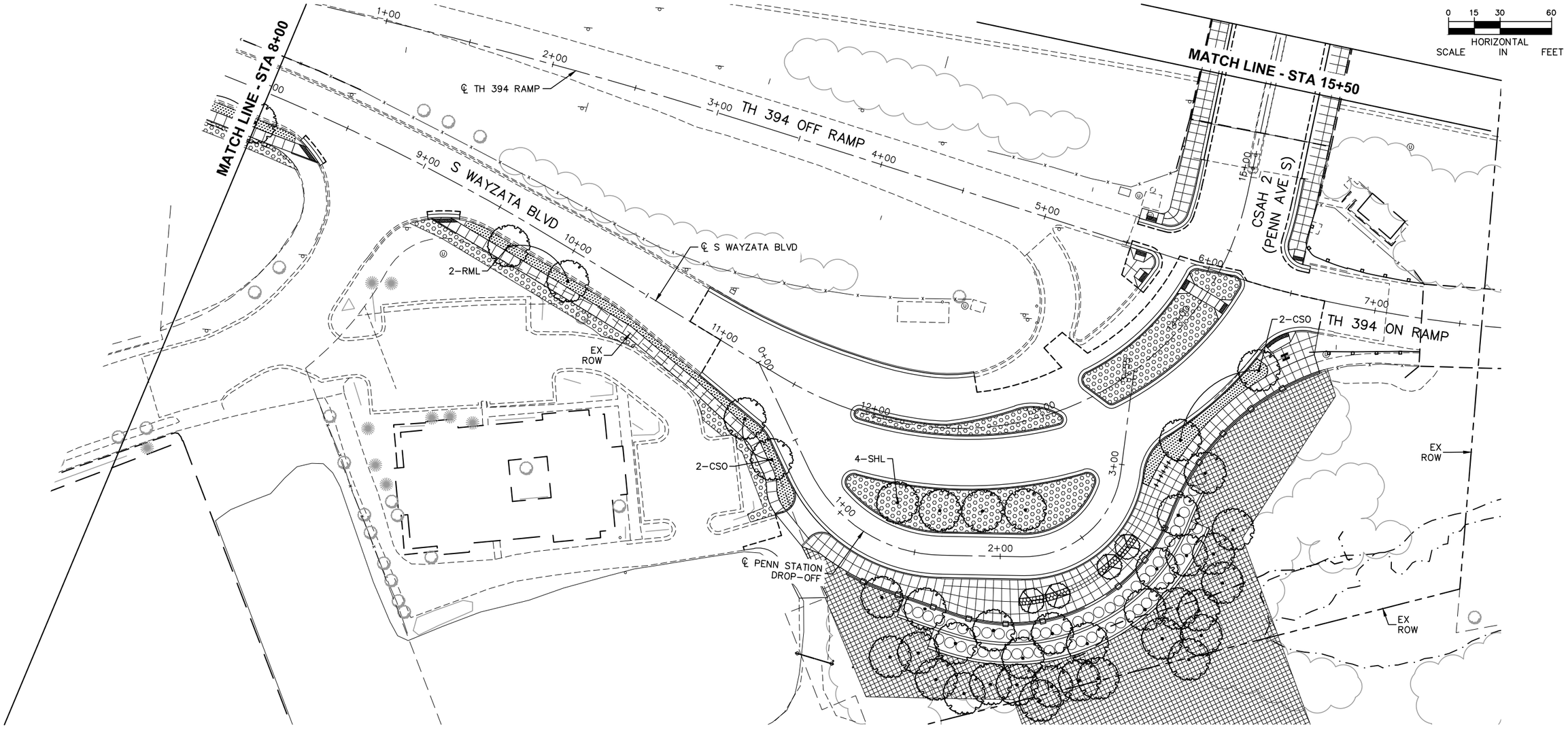
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
S WAYZATA BLVD
STA 1+00 TO STA 8+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 001

SHEET 181 OF 316

Jan, 19 2016 09:16 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

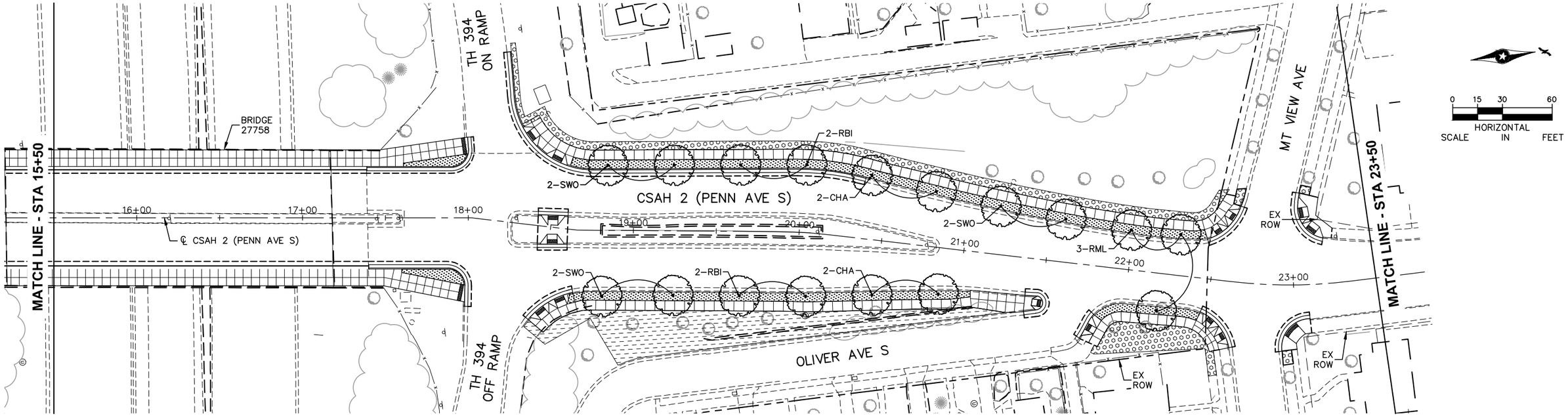
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
S WAYZATA BLVD AND PENN AVE S
STA 8+00 TO STA 15+50

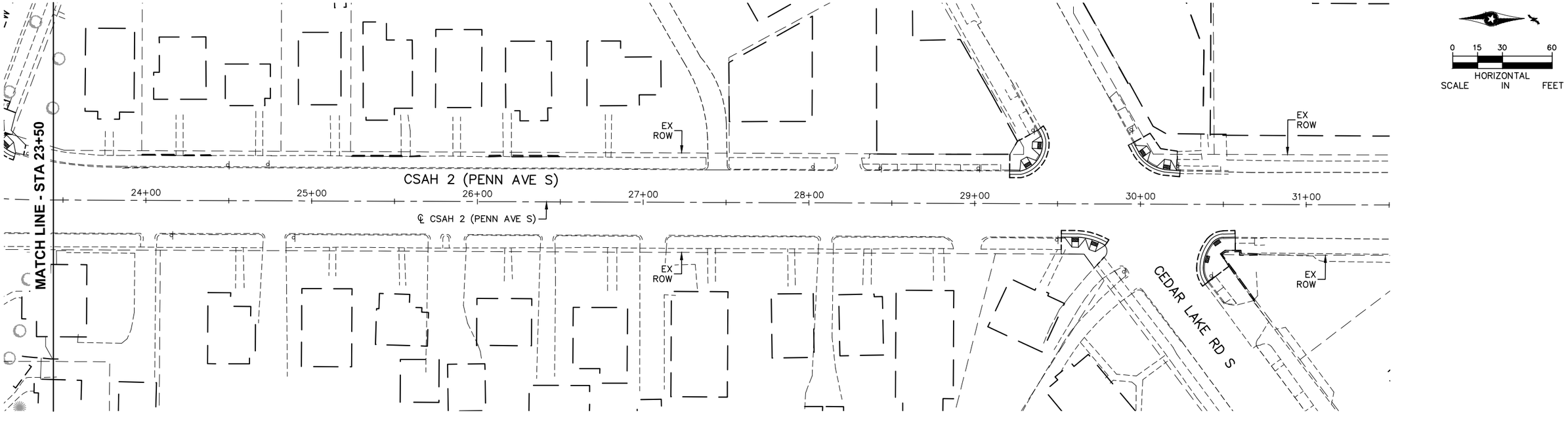
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 002

SHEET 182 OF 316

Jan, 19 2016 09:17 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

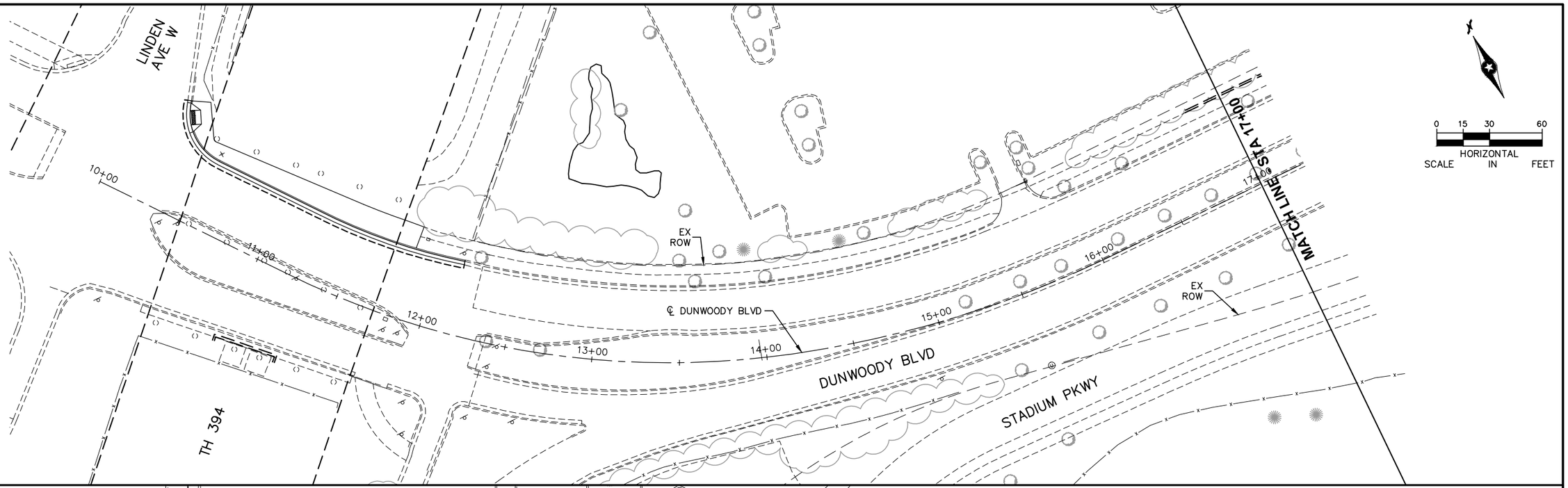
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CSAH 2 (PENN AVE S)
STA 15+50 TO STA 31+50

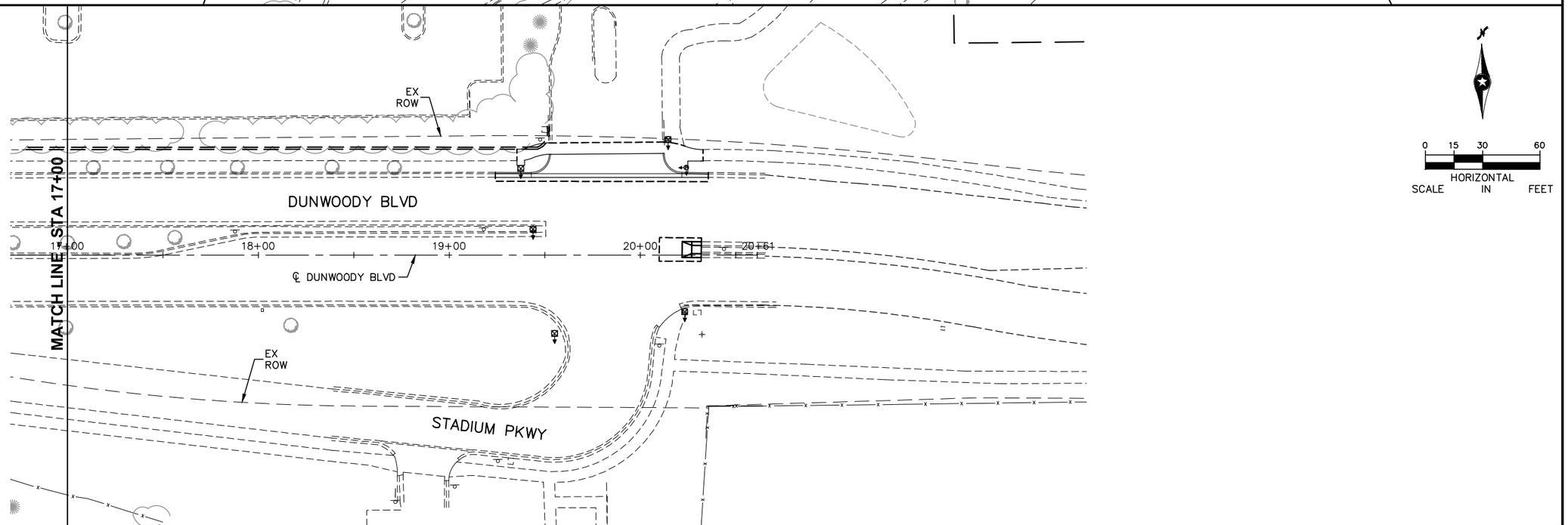
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 003

SHEET 183 OF 316

Jan, 19 2016 09:17 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck





Jan, 19 2016 09:18 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

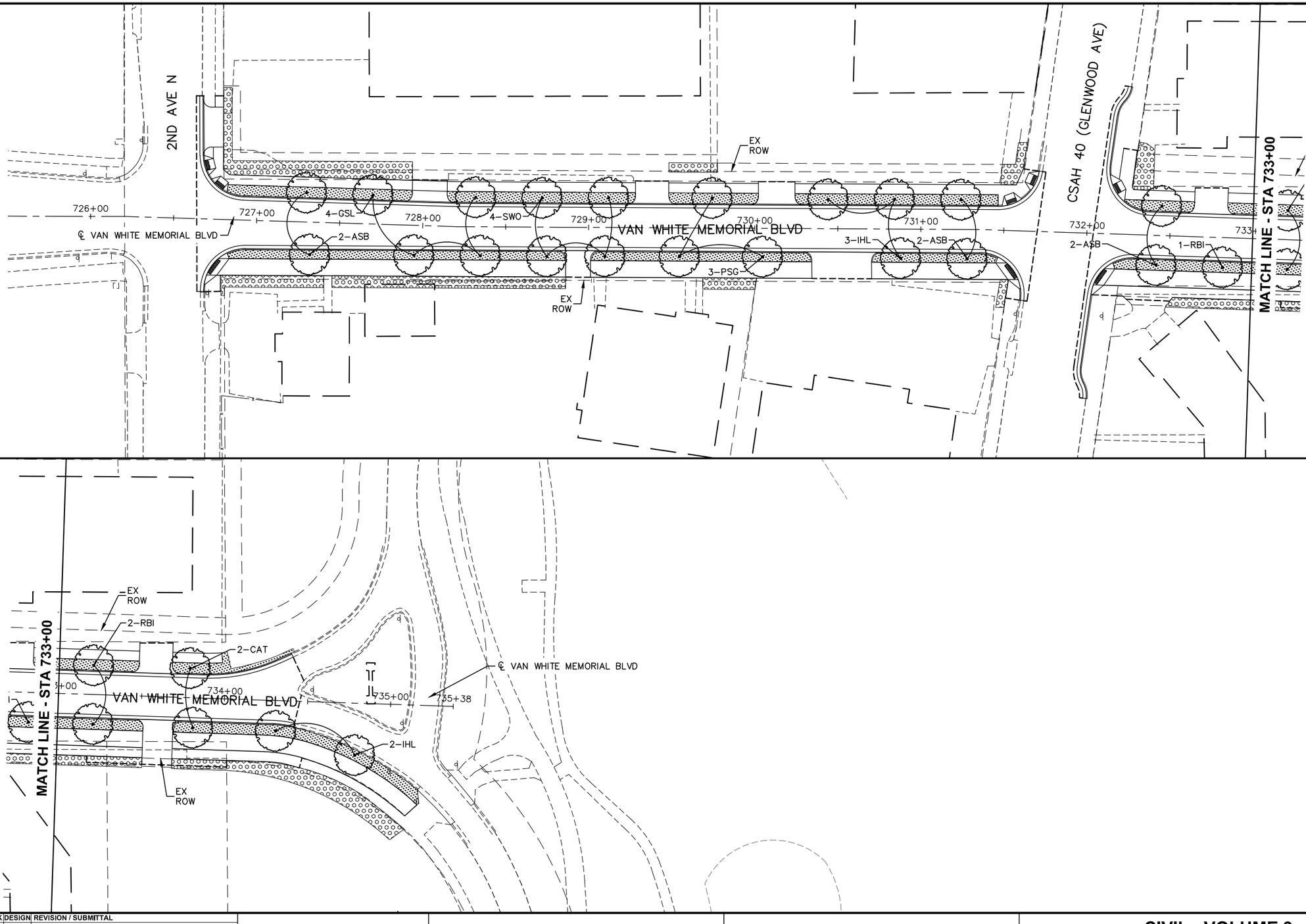
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
DUNWOODY BLVD
STA 10+00 TO STA 20+61

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 004

SHEET 184 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

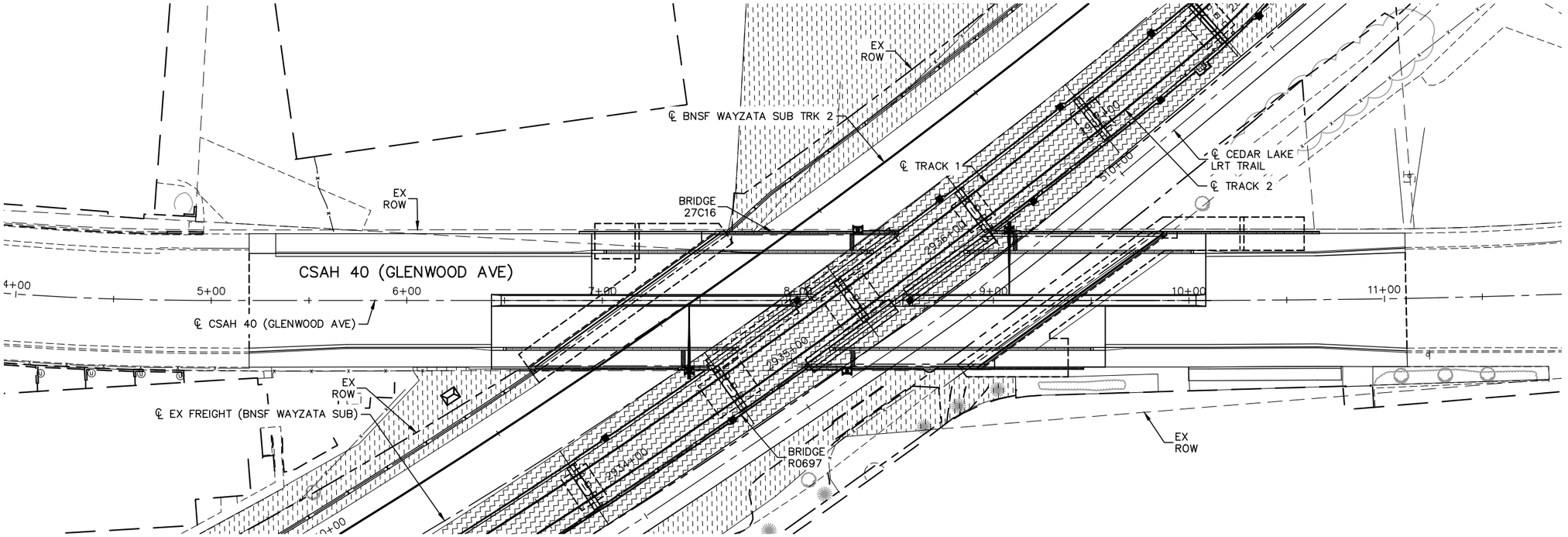
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
FREMONT AVE N
STA 726+00 TO STA 735+67

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 005

SHEET 185 OF 316

Jan, 19 2016 09:19 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck



Jan. 19 2016 09:19 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

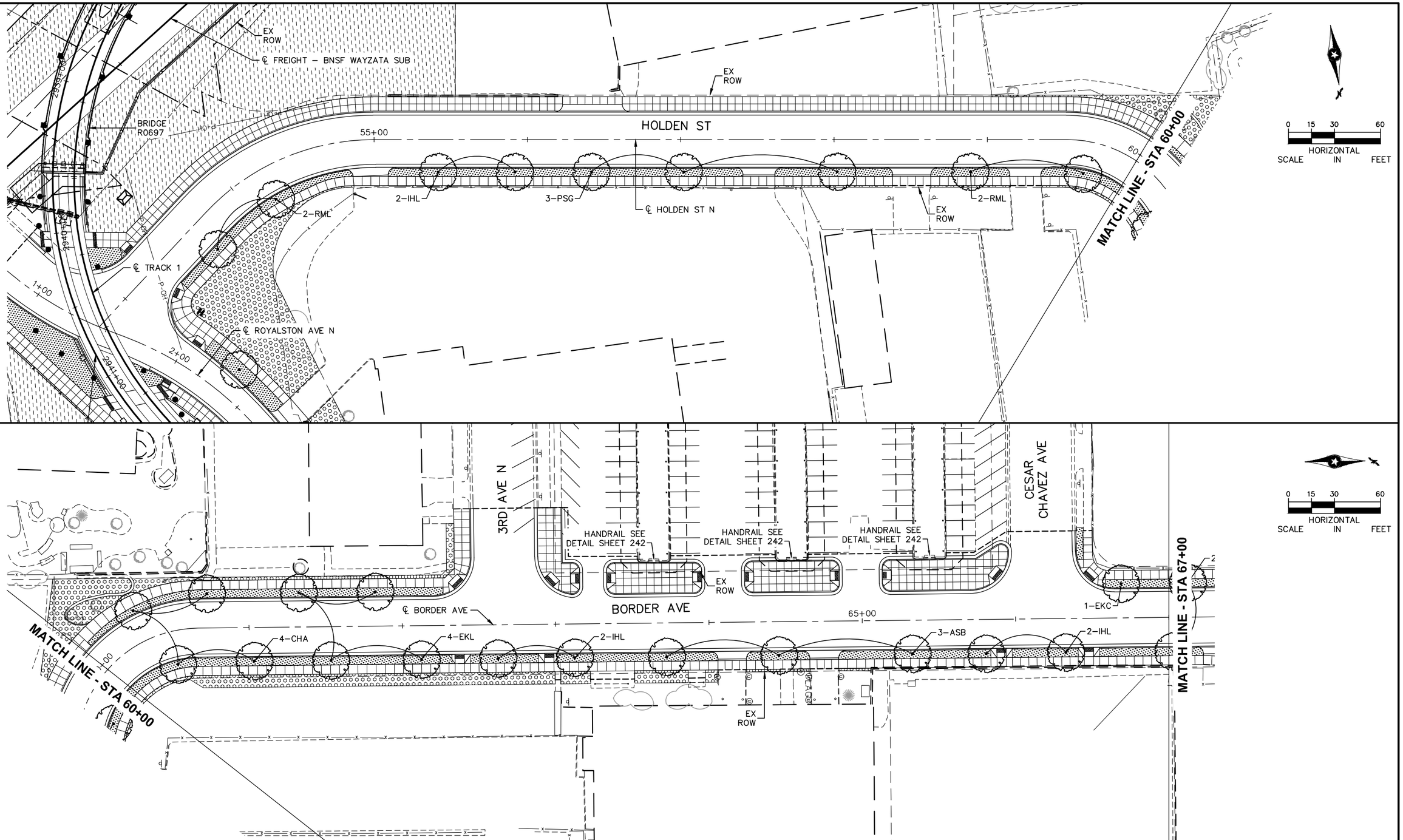
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
CSAH 40 (GLENWOOD AVE)
STA 4+00 TO STA 11+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 006

SHEET 186 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

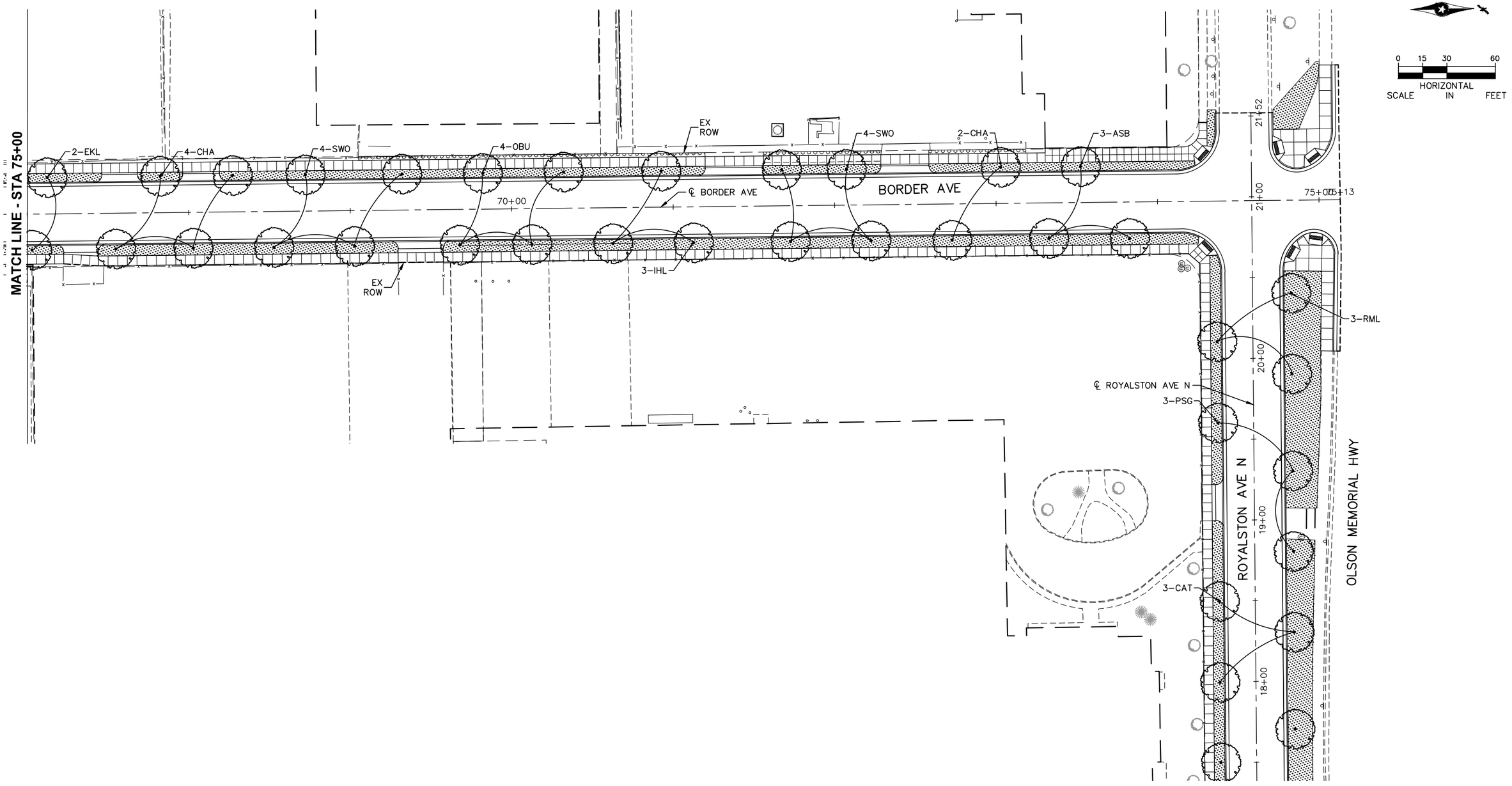
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
HOLDEN ST AND BORDER AVE
STA 53+00 TO STA 67+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 007

SHEET 187 OF 316

Jan, 19 2016 09:20 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck



Jan, 19 2016 09:20 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4–LAN–RWY.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

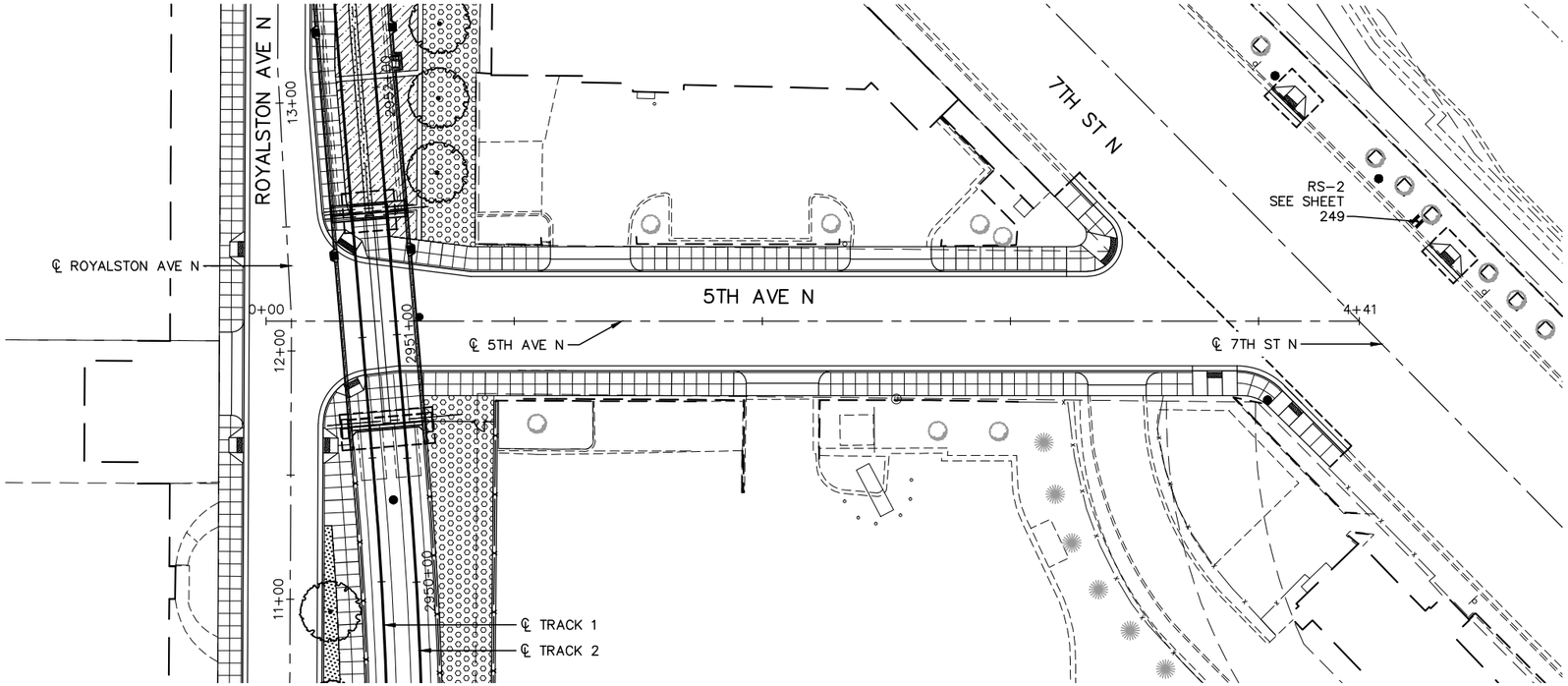
SOUTHWEST Green Line LRT Extension

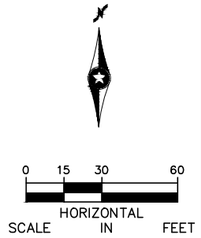
CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
BORDER AVE AND ROYALSTON AVE N
STA 67+00 TO STA 75+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 008

SHEET 188 OF 316





Jan, 19 2016 09:20 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

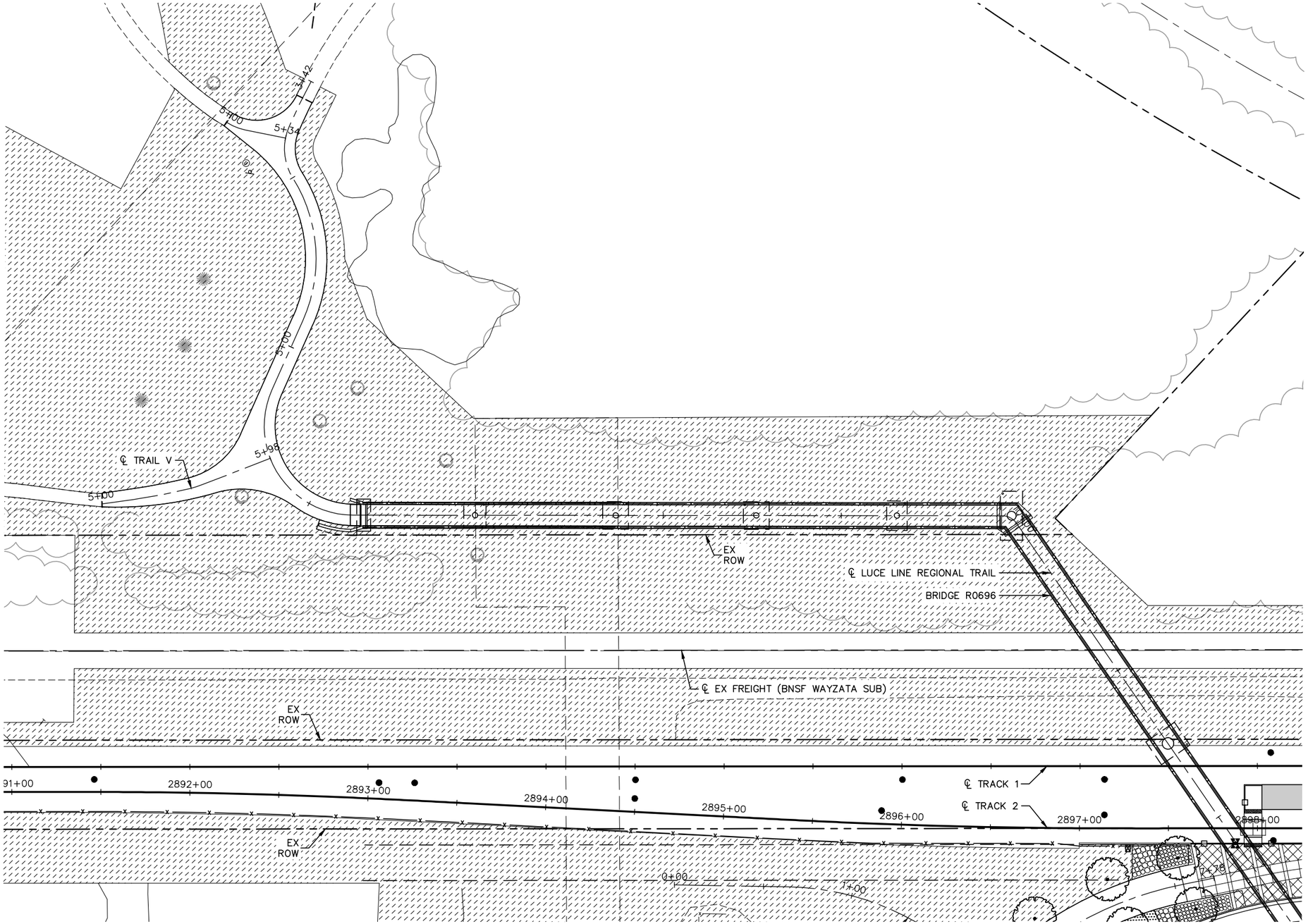
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
5TH AVE N
STA 0+00 TO STA 4+41

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 009

SHEET 189 OF 316



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HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN AND LANDSCAPE
LUCE LINE TRAIL BRIDGE

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-RWY - 010

SHEET 190 OF 316

Jan, 19 2016 09:21 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-RWY.dwg By: joseph.starbuck

NOTES:

MATCHLINE SHEET 2 OF 2

SW TRANSIT BUS STATION

℄ TRACK 2

℄ TRACK 1

13+08

℄ BUS RAMP

2078+00

2077+94

240+00

8' WALK

PROP ROW

PCC: 239+28.81

TECHNOLOGY DR

440+00

EX ROW

PROPOSED BMP

PROP ROW

13' WALK

℄ TECHNOLOGY DR WB

℄ TECHNOLOGY DR EB

PROP TCE

0 10 20 40

HORIZONTAL SCALE IN FEET

Jan, 18 2016 12:41 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-URD-PLN.dwg By: okrzmarzick

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

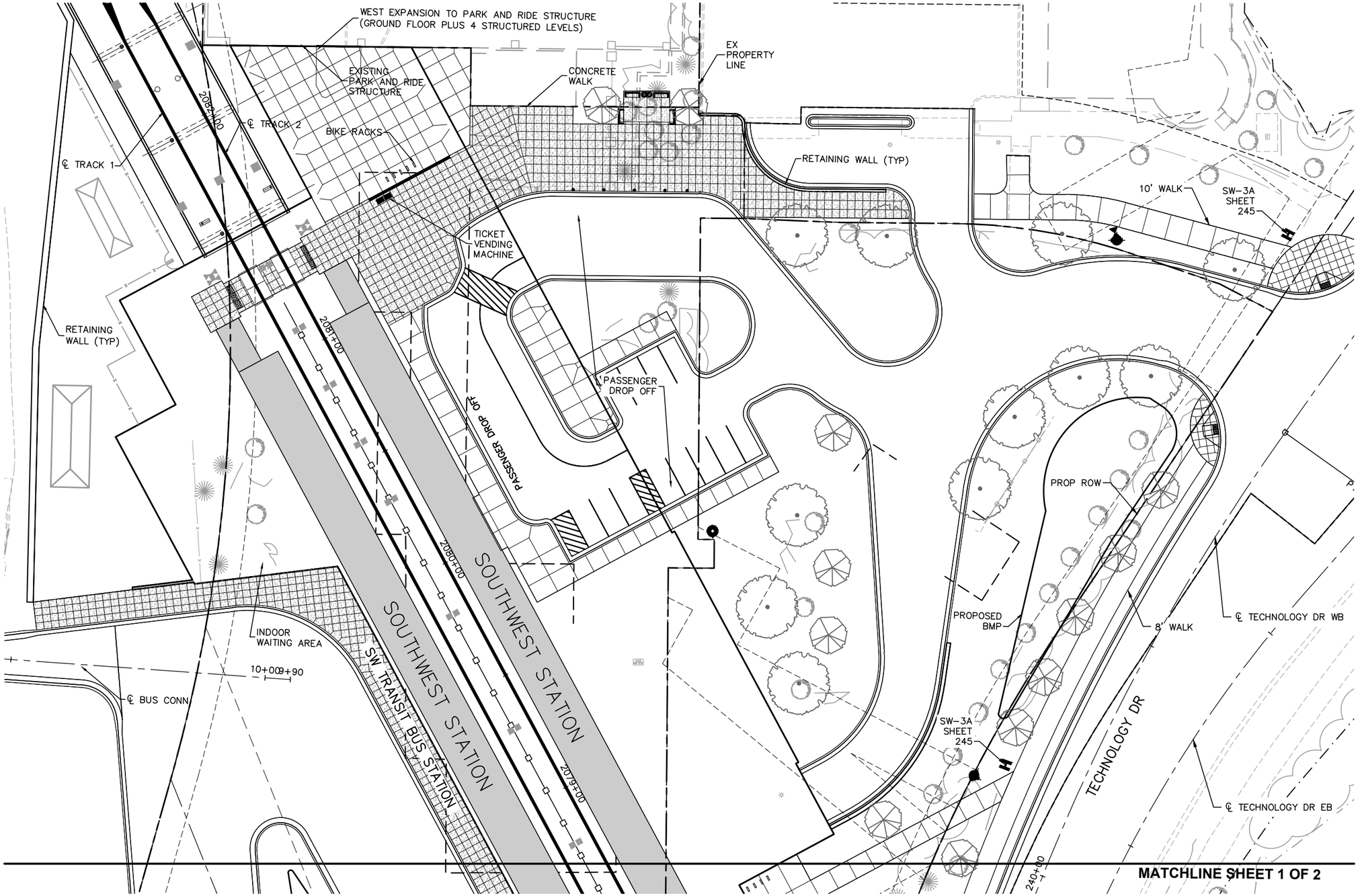
CIVIL - VOLUME 9
SOUTHWEST STATION
URBAN DESIGN PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-URD-PLN - 001

SHEET 191 OF 316

NOTES:



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SOUTHWEST STATION
URBAN DESIGN PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-URD-PLN - 002

SHEET 192 OF 316

Jan. 18 2016 12:41 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-URD-PLN.dwg By: akrzmarzick

NOTE:

EX ROW

℄ 70TH ST W

50+00

℄ LIBERTY DWY W

℄ TRACK 1

BALLAST CURB (TYP)

8' WALK

℄ TRACK 2

GOLDEN TRIANGLE STATION

2246+00

2245+00

2244+00

2243+00

2242+00

2241+00

BRIDGE 27R34

10' WALK

S 70TH ST W

8' WALK

PROP ROW

CONCRETE MAINTENANCE STRIP (TYP)

PROPOSED BMP

PARK AND RIDE

MATCHLINE SHEET 2 OF 3

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GOLDEN TRIANGLE STATION
URBAN DESIGN PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-URD-PLN - 001

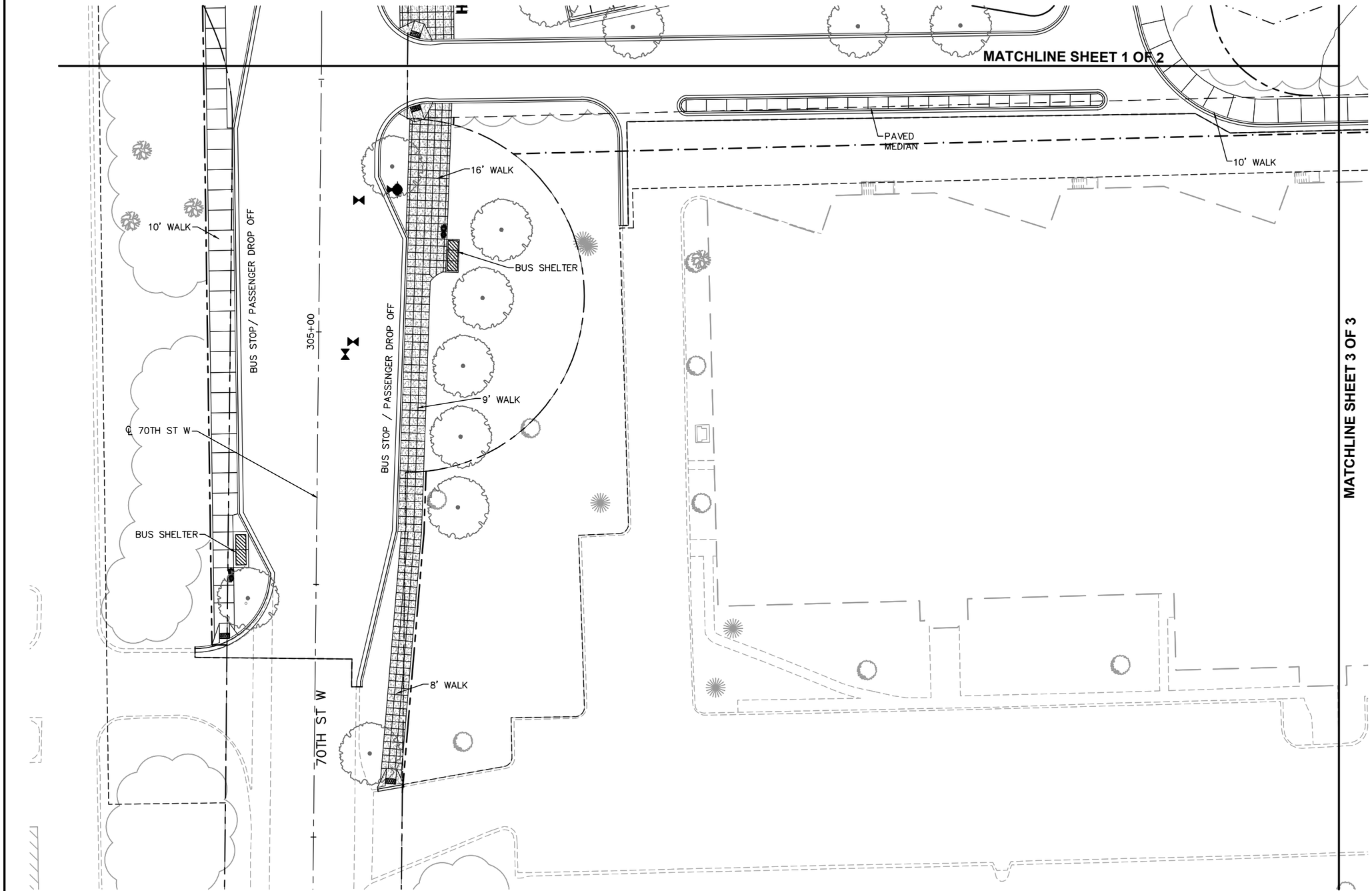
SHEET 193 OF 316

Jan, 18 2016 12:43 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-URD-PLN.dwg By: okrzmarzick

NOTE:

MATCHLINE SHEET 1 OF 2

MATCHLINE SHEET 3 OF 3



0 10 20 40
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GOLDEN TRIANGLE STATION
URBAN DESIGN PLAN 2

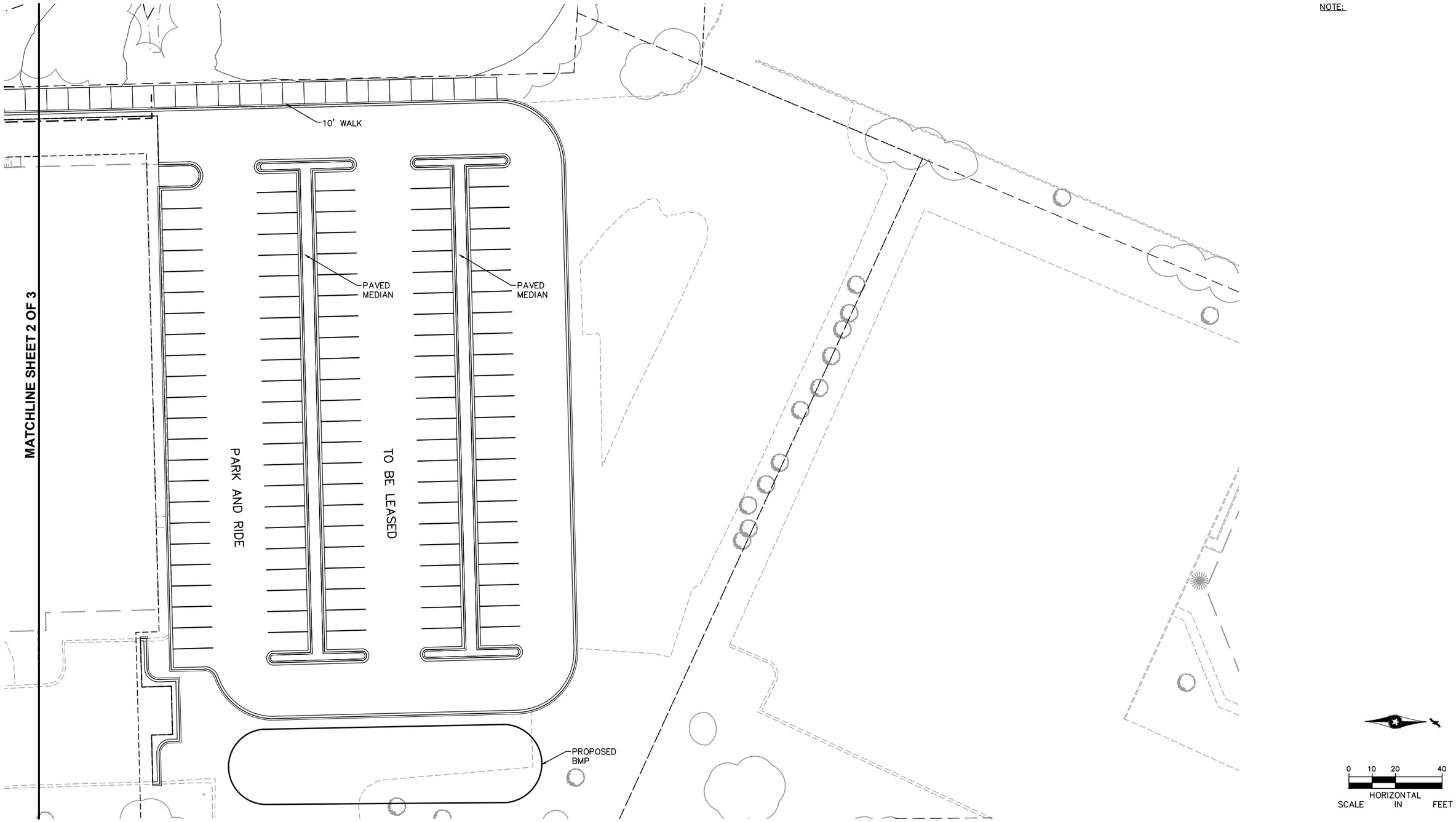
SHEET 194 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-URD-PLN - 002

Jan, 18 2016 12:44 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-URD-PLN.dwg By: okrzmarzick

NOTE:



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GOLDEN TRIANGLE STATION
URBAN DESIGN PLAN 3

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-URD-PLN - 003

SHEET 195 OF 316

Jan, 18 2016 12:45 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-URD-PLN.dwg By: dkrzmarzick

MATCHLINE SHEET 2 OF 2

℄ W 62ND ST

127+02

PROPOSED BMP

PROPOSED BMP

EMERGENCY ACCESS GATE

℄ TRACK 2

℄ TRACK 1

2294+00

RETAINING WALL WITH CONCRETE BARRIER (TYP)

TPSS ACCESS

TPSS-SW306

RETAINING WALL (TYP)

PROP ROW

8' WALK

CONCRETE MAINTENANCE STRIP (TYP)

NOTE:

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
CITY WEST STATION
URBAN DESIGN PLAN 1

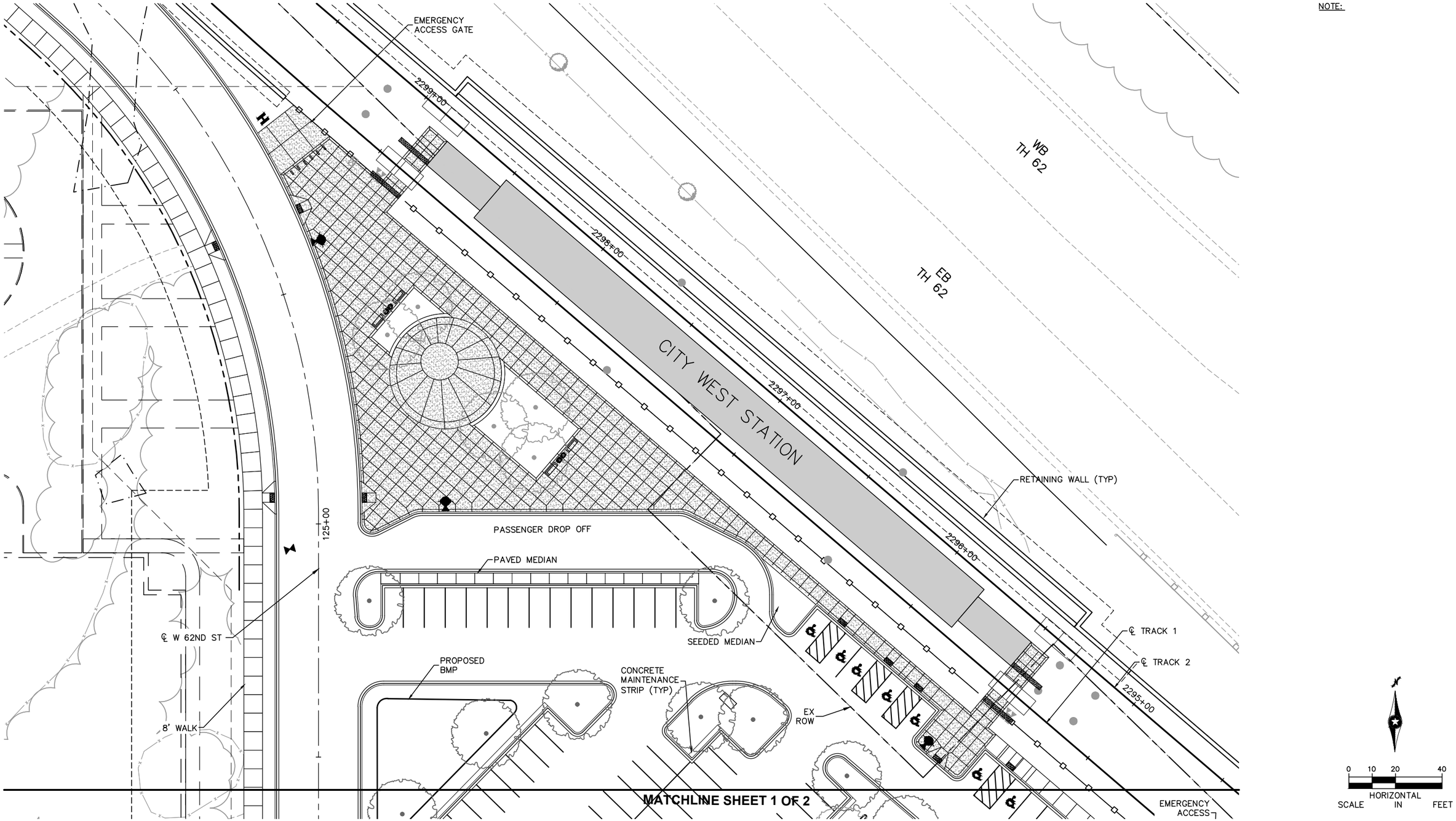
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-URD-PLN - 004

SHEET 196 OF 316

Jan, 18 2016 12:45 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-URD-PLN.dwg By: dkrzmarzick

NOTE:



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
CITY WEST STATION
URBAN DESIGN PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-URD-PLN - 005

SHEET 197 OF 316

Jan, 18 2016 12:46 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-URD-PLN.dwg By: okrzmarzick

NOTE:

PROP TCE

8' WALK

BUS SHELTER

℄ BREN RD E

BREN RD E

1005+00

℄ TRAIL 5

℄ TRAIL 3

10' TRAIL

OP-3 SHEET 245

℄ TRACK 1

OPUS STATION

2339+00

2340+00

2341+00

2342+00

2343+00

℄ TRACK 2

90+00

10' TRAIL

℄ TRAIL 2

10' WALK

CONCRETE STIARS

MATCHLINE SHEET 2 OF 2

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
OPUS STATION
URBAN DESIGN PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 001

SHEET 198 OF 316

Jan. 18 2016 12:48 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-URD-PLN.dwg By: okrzmarzick

NOTE:

BALLAST CURB (TYP)

RETAINING WALL (TYP)

55+00

40+00

℄ BREN RD
LT TURN

BREN RD W

℄ BREN RD W

2347+00

2346+00

2345+00

2344+00

EX
PROPERTY
LINE

℄ TRAIL 2

℄ TRACK 2

℄ TRACK 1

℄ TRAIL 5

℄ BREN RD E

10' TRAIL

EX
ROW

1935.00

MATCHLINE SHEET 1 OF 2

0 10 20 40
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST
Green Line LRT Extension

CIVIL - VOLUME 9
OPUS STATION
URBAN DESIGN PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 002

SHEET 199 OF 316

Jan, 18 2016 12:49 pm v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-URD-PLN.dwg By: akrzmarzick

NOTE:

MATCHLINE SHEET 3 OF 7

PASSENGER DROP OFF

EX CELL TOWER

10' WALK

12' BITUMINOUS TRAIL

EX ROW

BALLAST CURB (TYP)

℄ CEDAR LAKE LRT REGIONAL TR

℄ TRACK 1

℄ TRACK 2

15+00

2427+00

2426+00

2425+00

2424+00

2423+00

2422+00

BALLAST CURB (TYP)

TICKET VENDING MACHINES

SHADY OAK STATION

MATCHLINE SHEET 2 OF 7

10' WALK

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SHADY OAK STATION
URBAN DESIGN PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 003

SHEET 200 OF 316

Jan, 18 2016 12:50 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-URD-PLN.dwg By: dkrzmarzick

NOTE:

MATCHLINE SHEET 3 OF 7

8+00

℄ 17TH AVE S

TICKET VENDING MACHINES

12' BITUMINOUS TRAIL

℄ CEDAR LAKE LRT REGIONAL TR

EX ROW

10+00

BALLAST CURB (TYP)

SS-3 SHEET 245

2424+00

2423+00

2422+00

MATCHLINE SHEET 1 OF 7

10' WALK

SS-3A SHEET 245

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
SHADY OAK STATION
URBAN DESIGN PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 004

SHEET 201 OF 316

Jan, 18 2016 12:50 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-URD-PLN.dwg By: okrzmarzick

MATCHLINE SHEET 4 OF 7

MATCHLINE SHEET 5 OF 7

PROPOSED BMP

8' WALK

℄ 17TH AVE S

10' PROTECTED BIKEWAY

10+00

8' WALK

10' WALK

NOTE:

10' WALK

EX PROPERTY LINE

10' WALK

PASSENGER DROP OFF

EX CELL TOWER

MATCHLINE SHEET 1 OF 7

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SHADY OAK STATION
URBAN DESIGN PLAN 3

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 005

SHEET 202 OF 316

Jan, 18 2016 12:51 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-URD-PLN.dwg By: okrzmarzick

MATCHLINE SHEET 6 OF 7

MATCHLINE SHEET 5 OF 7

15+00

8' WALK

8' WALK

10' PROTECTED BIKEWAY

℄ 17TH AVE S

PAVED MEDIAN

PROPOSED BMP

10' WALK

EX PROPERTY LINE

NOTE:

MATCHLINE SHEET 3 OF 7

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
SHADY OAK STATION
URBAN DESIGN PLAN 4

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 006

SHEET 203 OF 316

Jan, 18 2016 12:51 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-URD-PLN.dwg By: okrzmarzick

NOTE:

NO URBAN DESIGN ON THIS PAGE

MATCHLINE SHEET 4 OF 7

MATCHLINE SHEET 3 OF 7

PROPOSED BMP

8' WALK

10' PROTECTED BIKEWAY

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

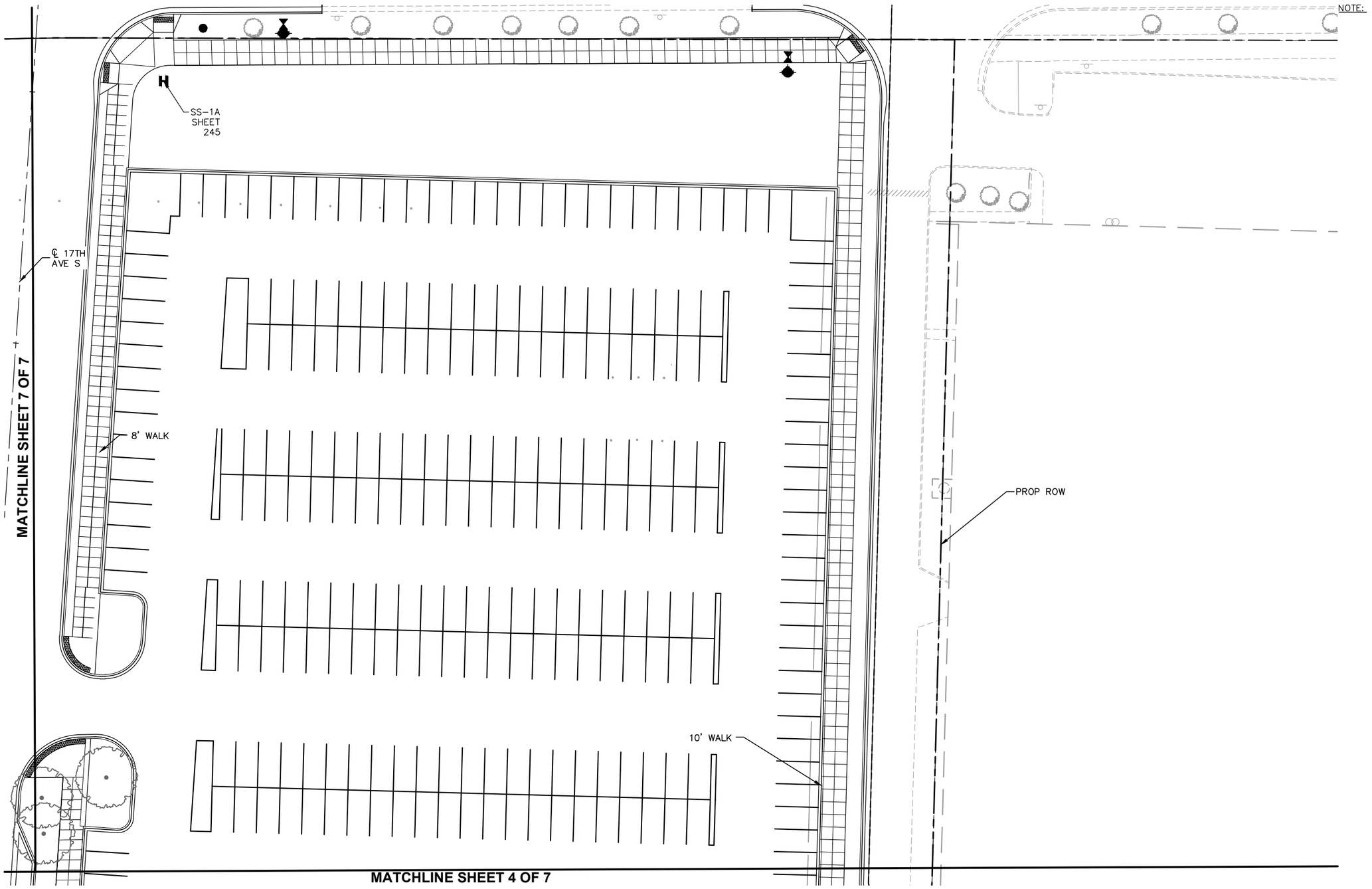
CIVIL - VOLUME 9
SHADY OAK STATION
URBAN DESIGN PLAN 5

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 007

SHEET 204 OF 316

Jan, 18 2016 12:52 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-URD-PLN.dwg By: dkrzmarzick



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

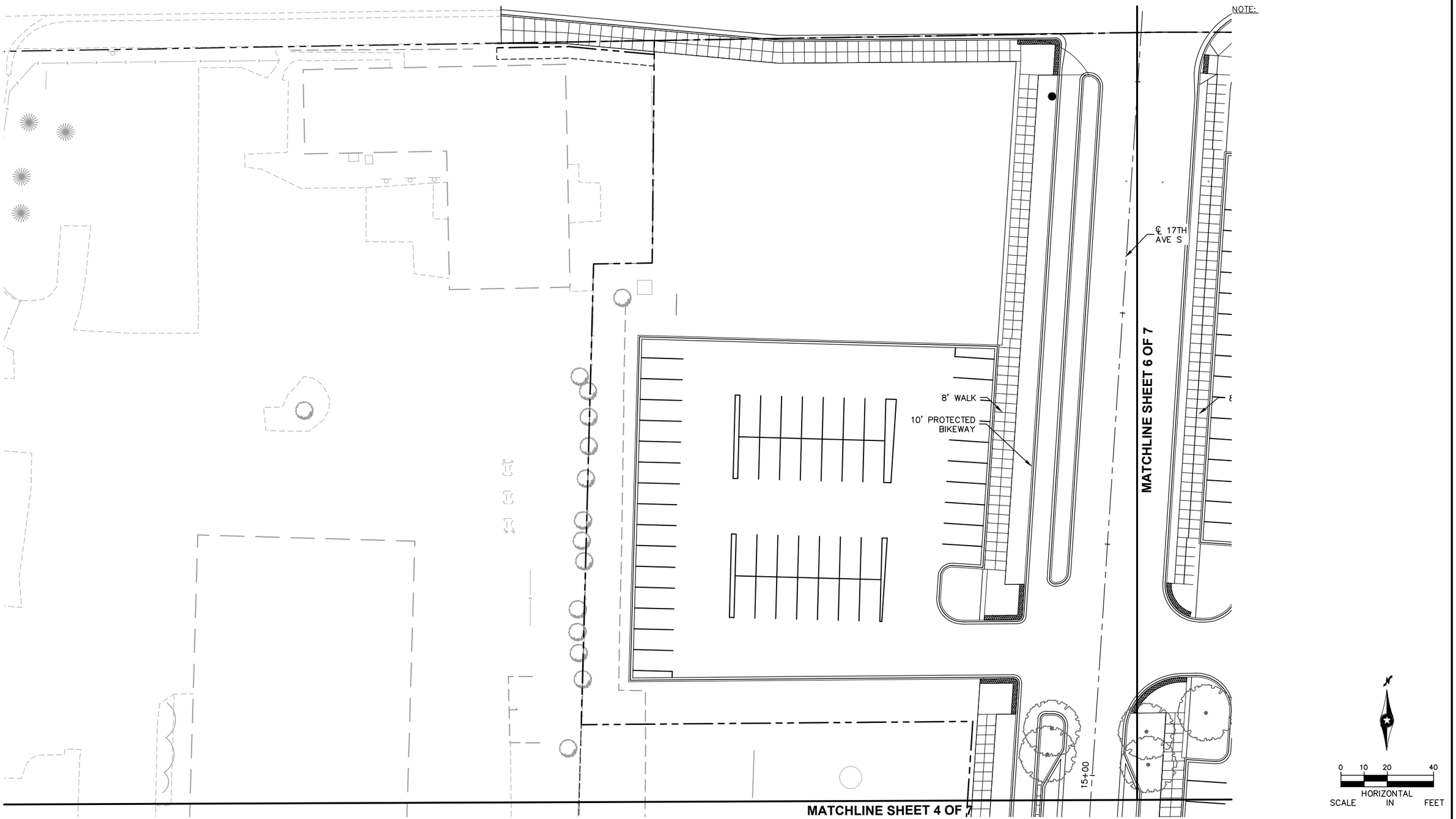
CIVIL - VOLUME 9
SHADY OAK STATION
URBAN DESIGN PLAN 6

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 008

SHEET 205 OF 316

Jan, 18 2016 12:52 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-URD-PLN.dwg By: akrzmarzick



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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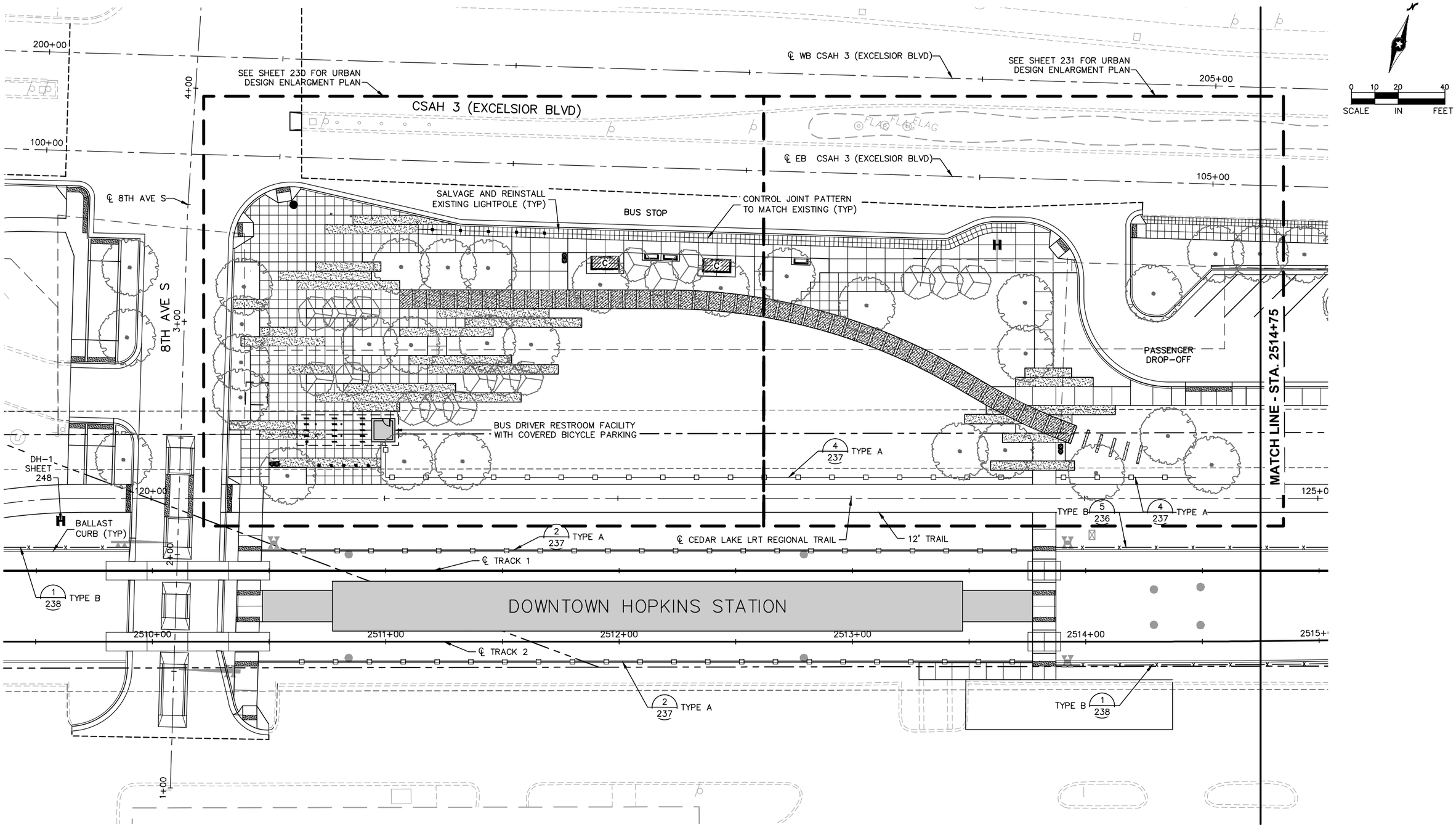
METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SHADY OAK STATION
URBAN DESIGN PLAN 7

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-URD-PLN - 009

SHEET 206 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

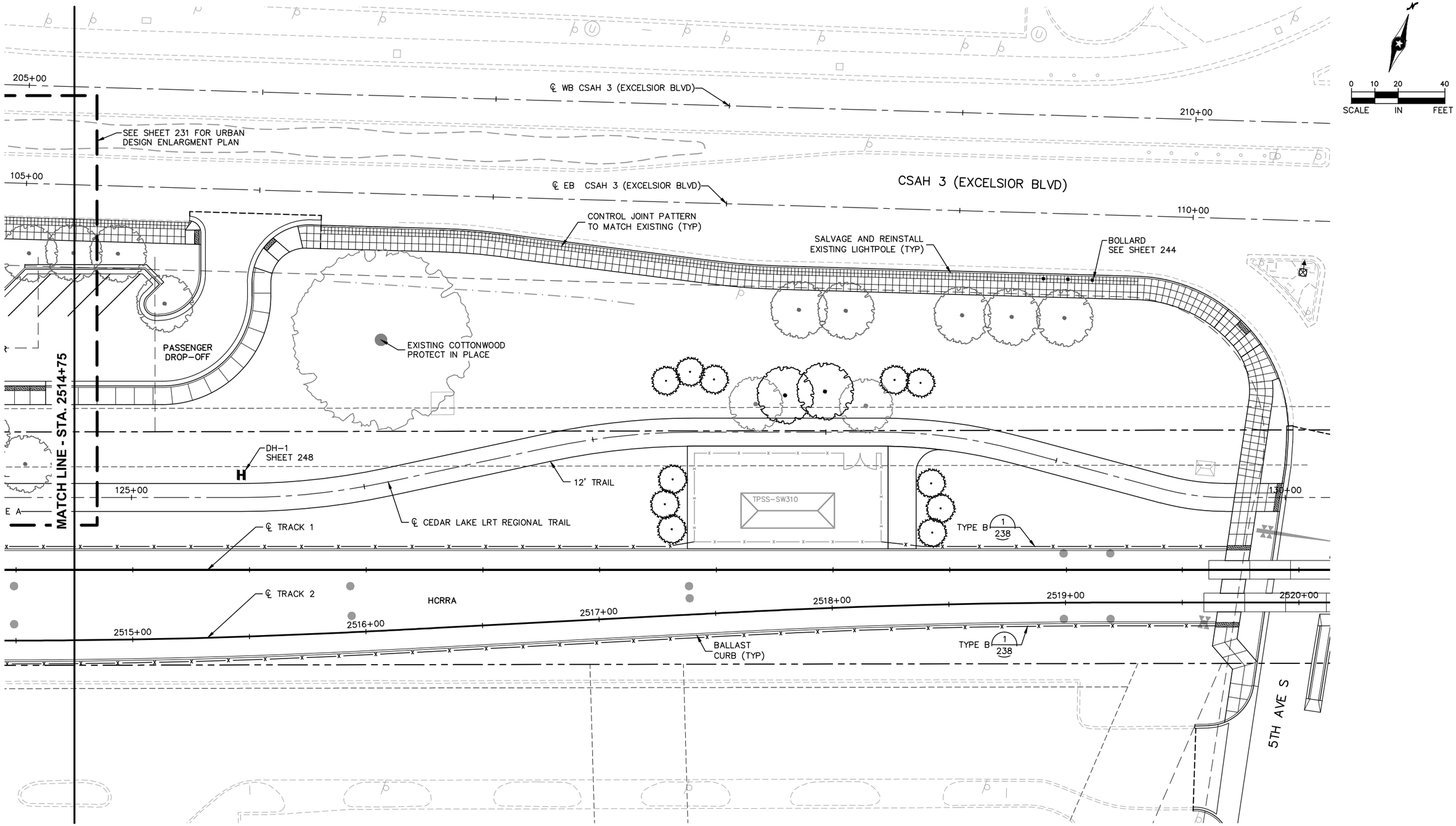
CIVIL - VOLUME 9
DOWNTOWN HOPKINS STATION
URBAN DESIGN PLAN 1
STA. 2509+50 TO STA. 2514+75

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-URD-PLN - 001

SHEET 207 OF 316

Jan. 18 2016 08:05 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-URD-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

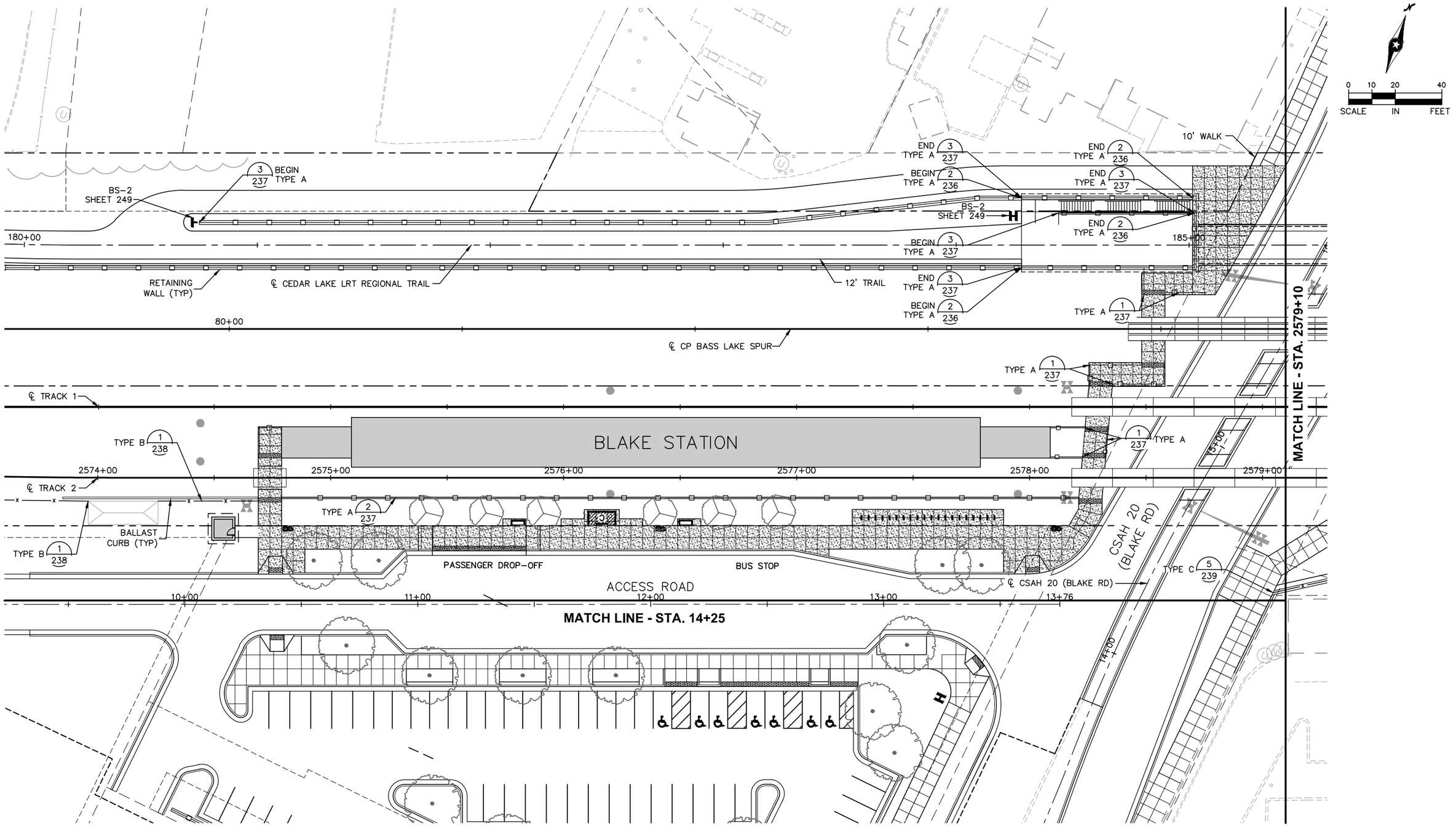
CIVIL - VOLUME 9
DOWNTOWN HOPKINS STATION
URBAN DESIGN PLAN 2
STA. 2514+75 TO 2520+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-URD-PLN - 002

SHEET 208 OF 316

Jan, 18 2016 08:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-URD-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

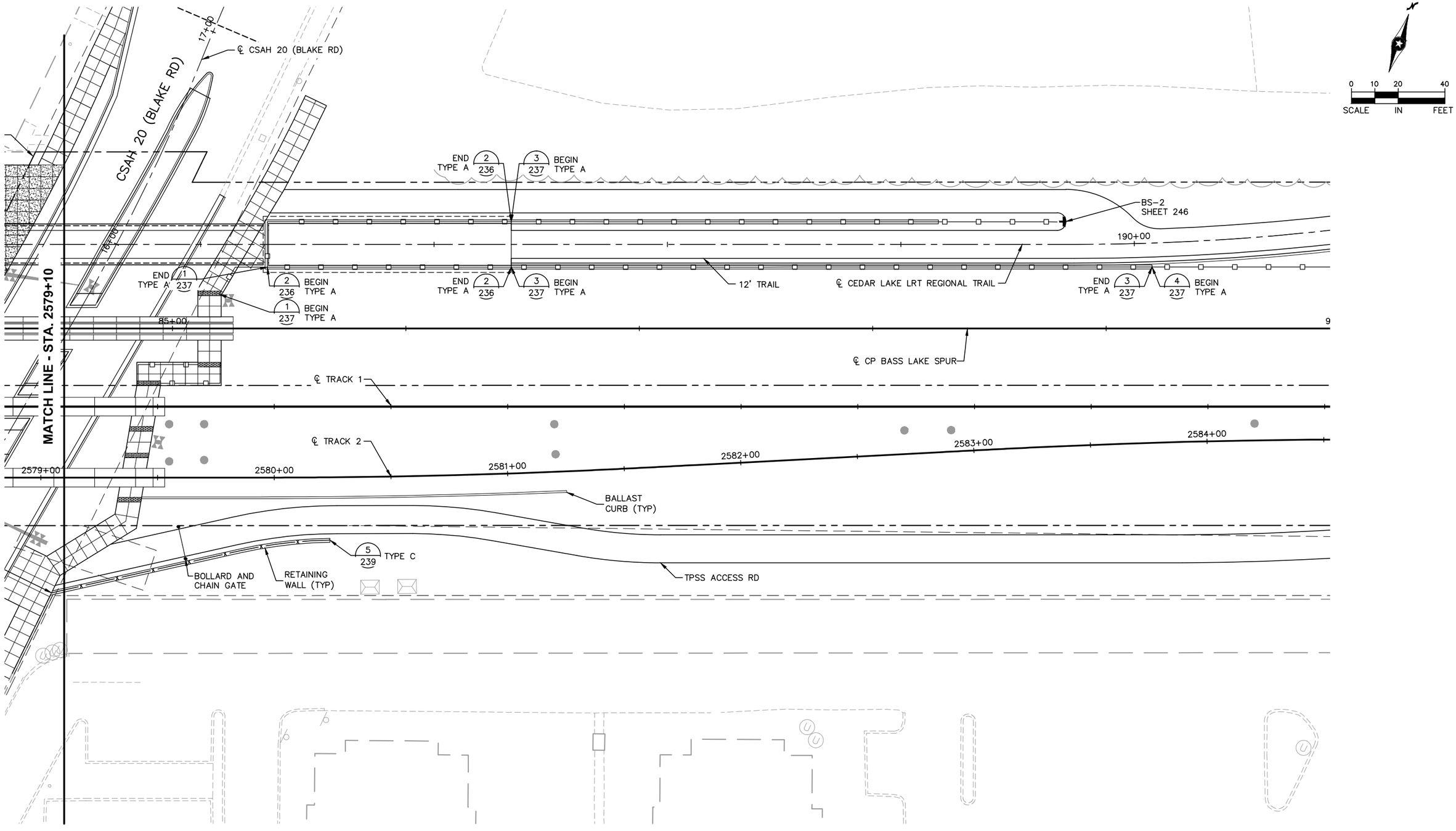
CIVIL - VOLUME 9
BLAKE STATION
URBAN DESIGN PLAN 1
STA. 2573+60 TO STA. 2579+10

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-URD-PLN - 003

SHEET 209 OF 316

Jan. 18 2016 08:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-URD-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

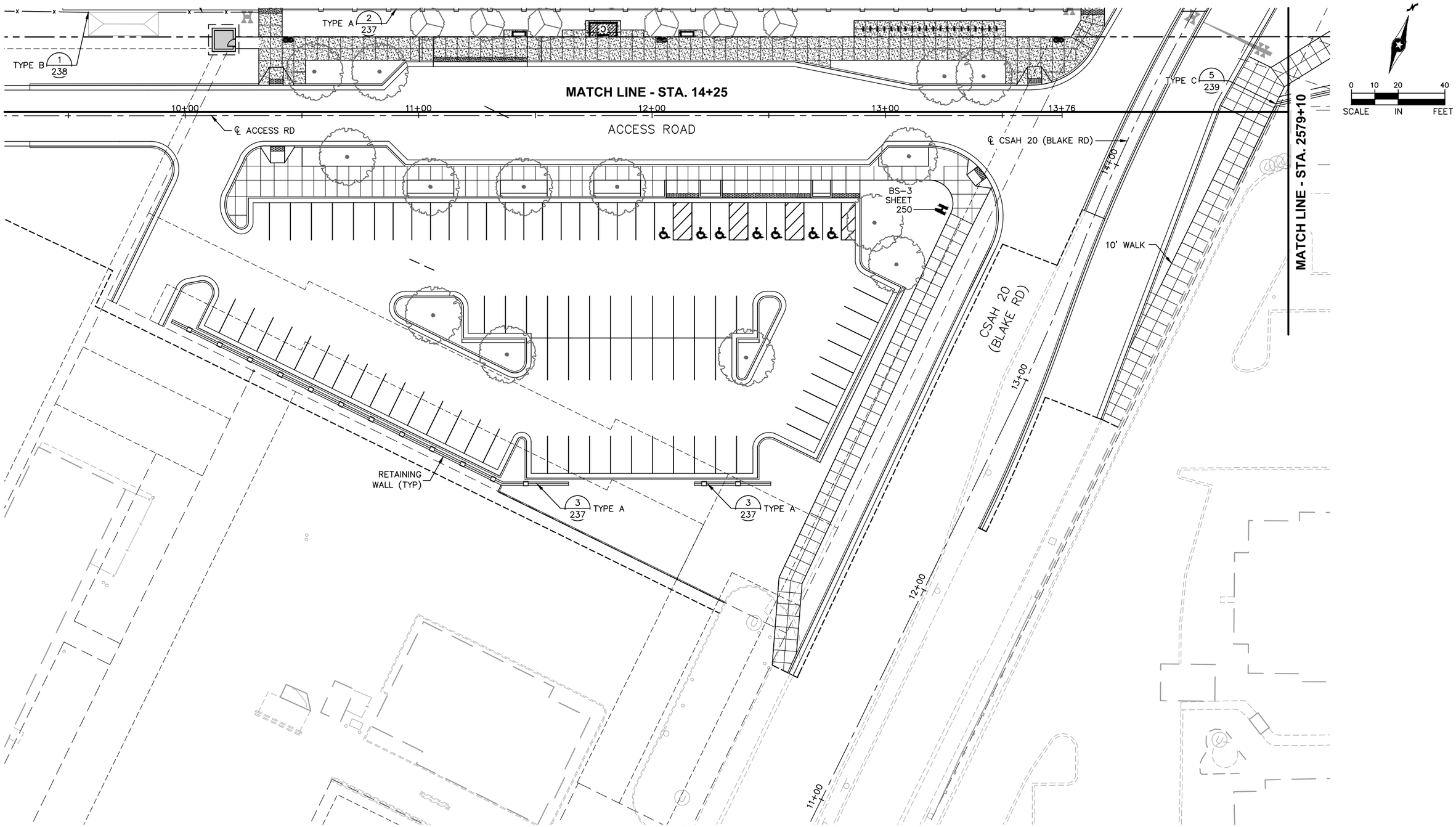
CIVIL - VOLUME 9
BLAKE STATION
URBAN DESIGN PLAN 2
STA. 2579+10 TO STA. 2584+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-URD-PLN - 004

SHEET 210 OF 316

Jan, 18 2016 08:07 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-URD-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

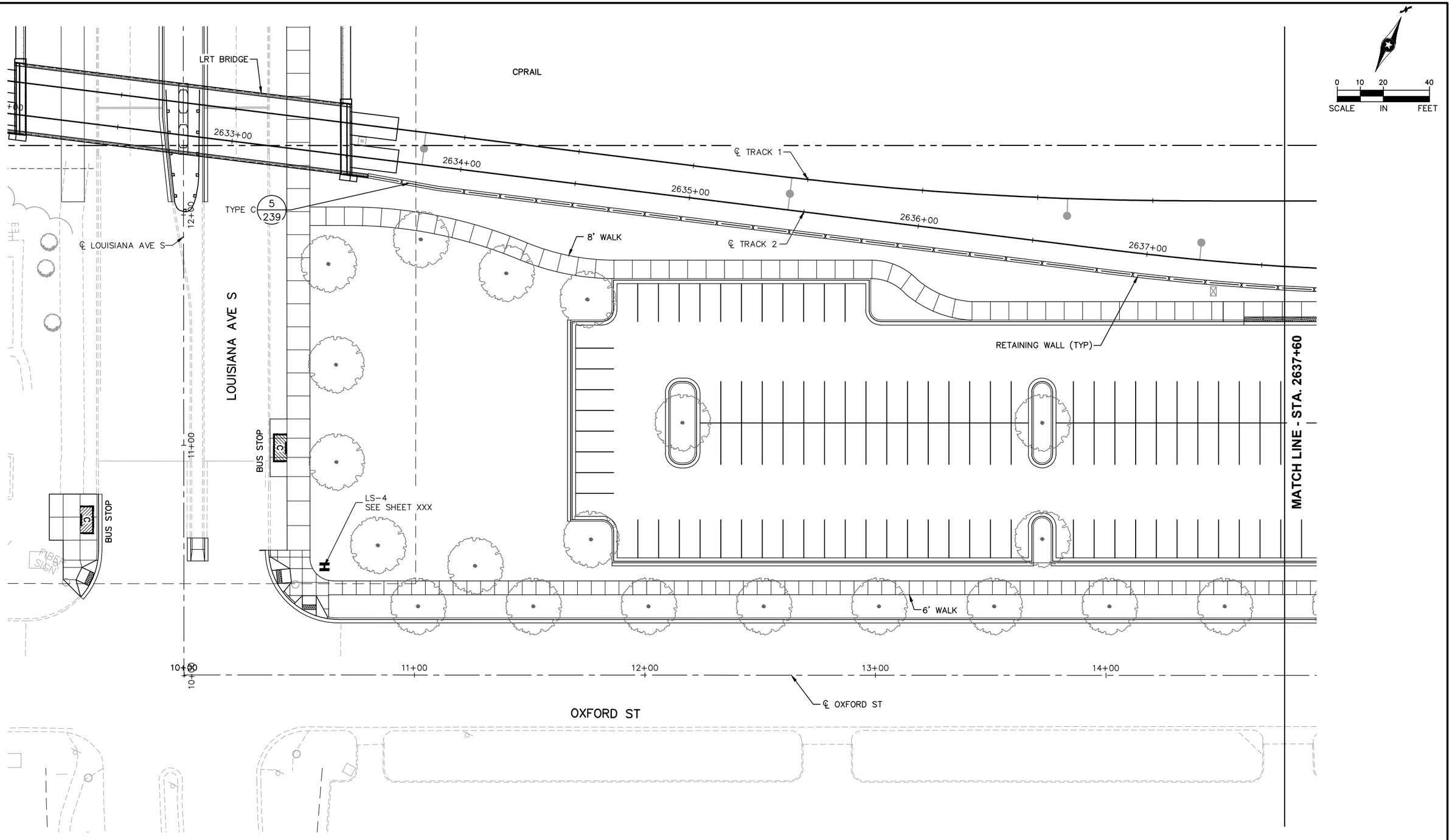
CIVIL - VOLUME 9
BLAKE STATION
URBAN DESIGN PLAN 3
STA. 11+00 TO STA. 14+25

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-URD-PLN - 005

SHEET 211 OF 316

Jan, 18 2016 08:08 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-URD-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

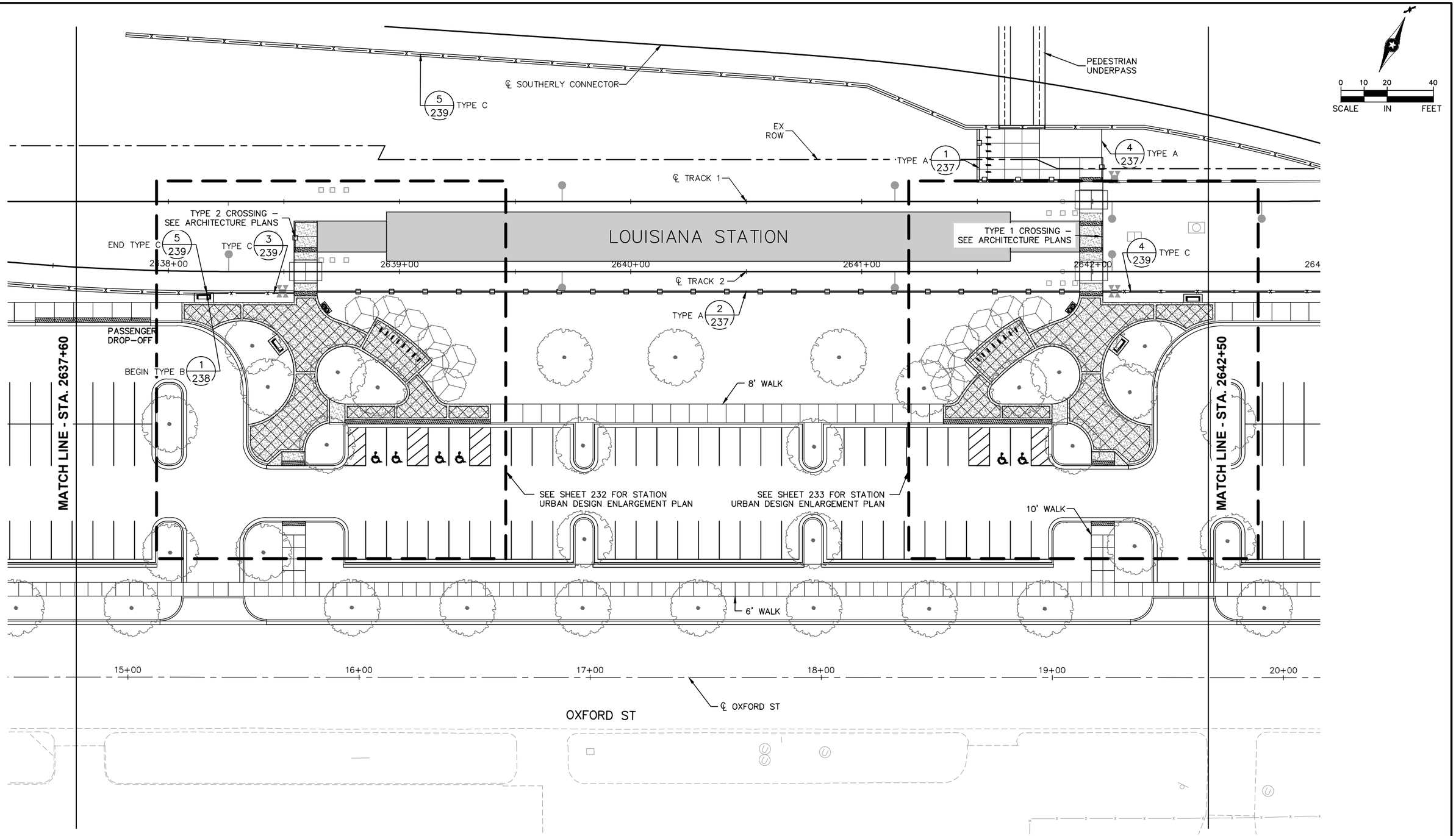
CIVIL - VOLUME 9
LOUISIANA STATION
URBAN DESIGN PLAN 1
STA. 2632+00 TO STA. 2637+60

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-URD-PLN - 001

SHEET 212 OF 316

Jan, 19 2016 07:55 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-URD-PLN.dwg By: joe.cogswell



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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LOUISIANA STATION
URBAN DESIGN PLAN 2
STA. 2637+60 TO STA. 2642+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-URD-PLN - 002

SHEET 213 OF 316

CPRAIL

0 10 20 40
SCALE IN FEET

5/239 TYPE C

℄ TRACK 1

'PE A

FREIGHT BRIDGE

TYPE C

℄ SOUTHERLY CONNECTOR

2643+00 2644+00 2645+00 2646+00 2647+00

℄ TRACK 2

8' WALK

4/239 TYPE C

BALLAST CURB (TYP)

TYPE C 5/239

RETAINING WALL (TYP)

MATCH LINE - STA. 2642+50

TPSS-SWC13

6' WALK

FREIGHT BRIDGE

20+00 21+00 22+00 23+00 24+00 25+00

℄ OXFORD ST

OXFORD ST

℄ EDGEWOOD AVE S

EDGEWOOD AVE S

LS-2
SEE SHEET XXX

TYPE C 5/239

Jan, 19 2016 07:57 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-URD-PLN.dwg By: joe.cogswell

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

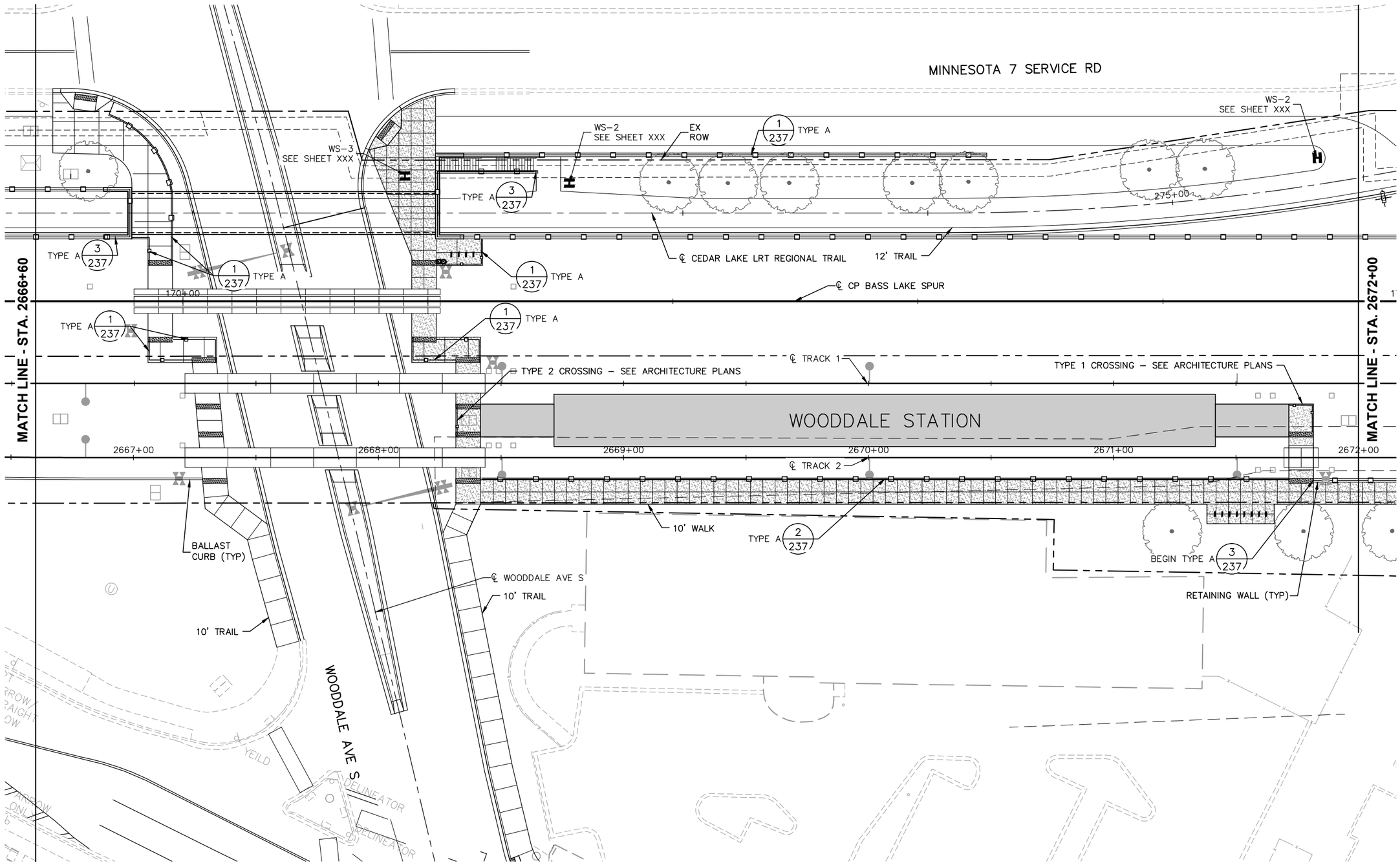
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LOUISIANA STATION
URBAN DESIGN PLAN 3
STA. 2642+50 TO STA. 2647+97

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-URD-PLN - 003

SHEET 214 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
WOODDALE STATION
URBAN DESIGN PLAN 1
STA. 2666+60 TO STA. 2672+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-URD-PLN - 004

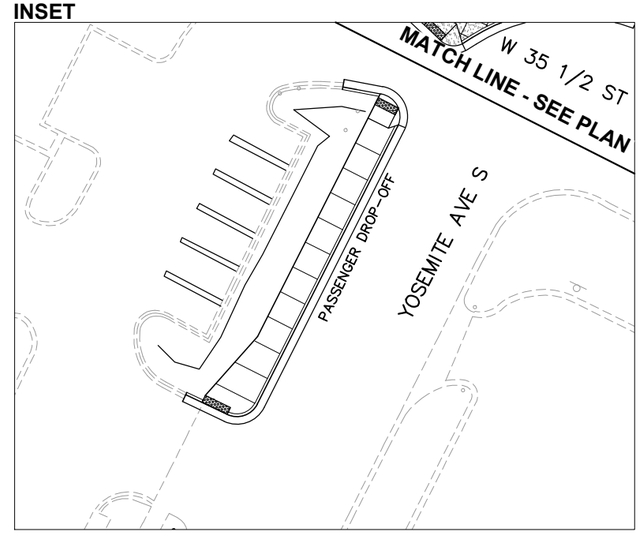
SHEET 215 OF 316

Jan. 19 2016 07:58 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-URD-PLN.dwg By: joe.cogswell

0 10 20 40
SCALE IN FEET

℄ CEDAR LAKE LRT REGIONAL TRAIL
HCRRA
280+00
TYPE A 3/237
BEGIN TYPE B 1/238
MATCH LINE - STA. 2672+00
175+00
℄ CP BASS LAKE SPUR
180+00
EX ROW
℄ TRACK 1
CPRAIL
2672+00
2673+00
2674+00
2675+00
2676+00
2677+00
℄ TRACK 2
RETAINING WALL (TYP)
TYPE A 3/237
10' WALK
END TYPE A 3/237
1/238 BEGIN TYPE B
EX ROW
WS-1
SEE SHEET XXX
W 35 1/2 ST
MATCH LINE - SEE INSET
PASSENGER DROP-OFF
YOSEMITE AVE S

INSET



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
WOODDALE STATION
URBAN DESIGN PLAN 2
STA. 2672+00 TO STA. 2677+55

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-URD-PLN - 005

SHEET 216 OF 316

Jan, 19 2016 08:01 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-URD-PLN.dwg By: joe.cogswell

MATCH LINE - STA. 117+10

MATCH LINE - STA. 2711+10

MATCH LINE - STA. 2716+40

10' TRAIL

BELTLINE BLVD

117+00

116+00

℄ BELTLINE BLVD

PASSENGER DROP-OFF

PROP TCE

WS-2
SEE SHEET XXX

BUS STOP

1/237 BEGIN TYPE A

315+00

BEGIN TYPE A (UNDER BRIDGE) 1/237

1/238 END TYPE B

END TYPE A 1/237

1/237 END TYPE A

1/238 BEGIN TYPE B

℄ CEDAR LAKE LRT REGIONAL TRAIL

BUS OPERATOR RESTROOM FACILITY

℄ CP BASS LAKE SPUR

215+00

115+00

1/237 TYPE A

320+00

TYPE 2 CROSSING – SEE ARCHITECTURE PLANS

℄ TRACK 1

TYPE 1 CROSSING – SEE ARCHITECTURE PLANS

1/236 TYPE A

BELTLINE STATION

2711+00

2712+00

2713+00

2714+00

2715+00

2716+00

℄ TRACK 2

10' WALK

114+00

EX ROW

10' WALK

TYPE A 2/237

420+00

BEGIN TYPE B 1/238

℄ TRAIL D

8' TRAIL

0 10 20 40
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

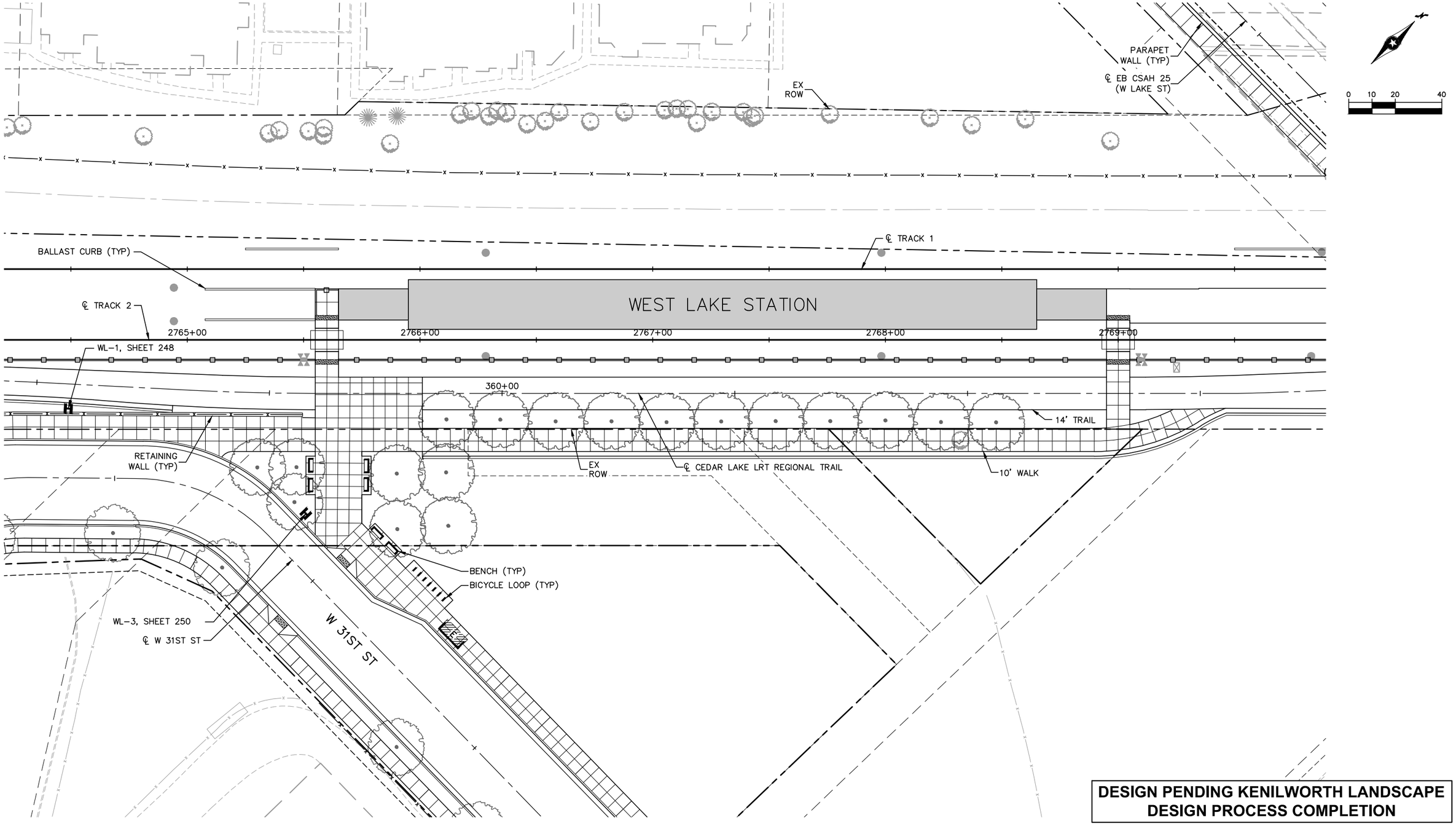
CIVIL - VOLUME 9
BELTLINE STATION
URBAN DESIGN PLAN 1
STA. 2666+60 TO STA. 2672+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-URD-PLN - 004

SHEET 217 OF 316

Jan, 19 2016 08:02 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-URD-PLN.dwg By: joe.cogswell



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

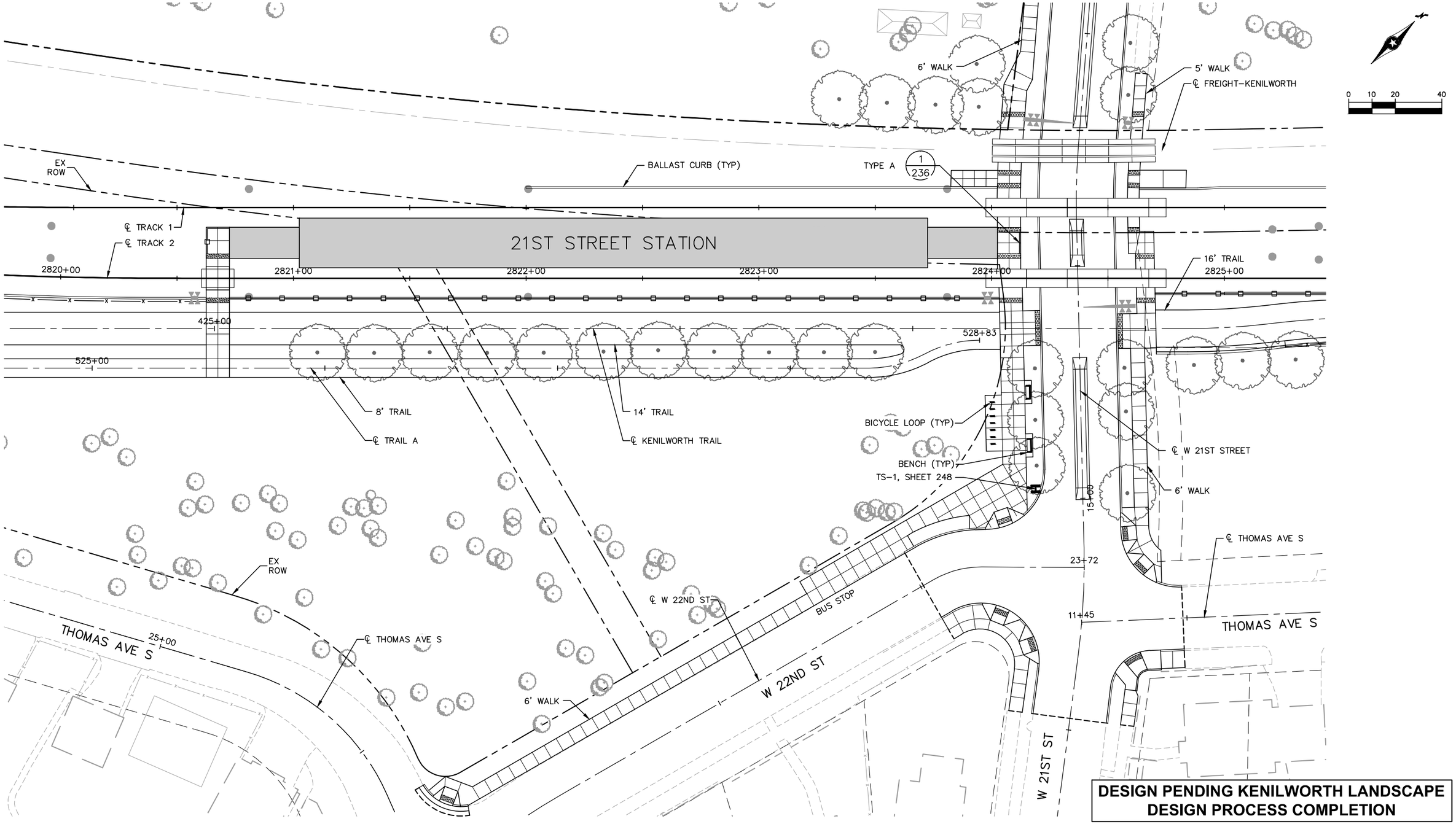
CIVIL - VOLUME 9
WEST LAKE STATION
URBAN DESIGN PLAN 1
STA. 2764+21 TO STA. 2769+89

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-URD-PLN - 001

SHEET 218 OF 316

Jan, 18 2016 06:51 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-URD-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

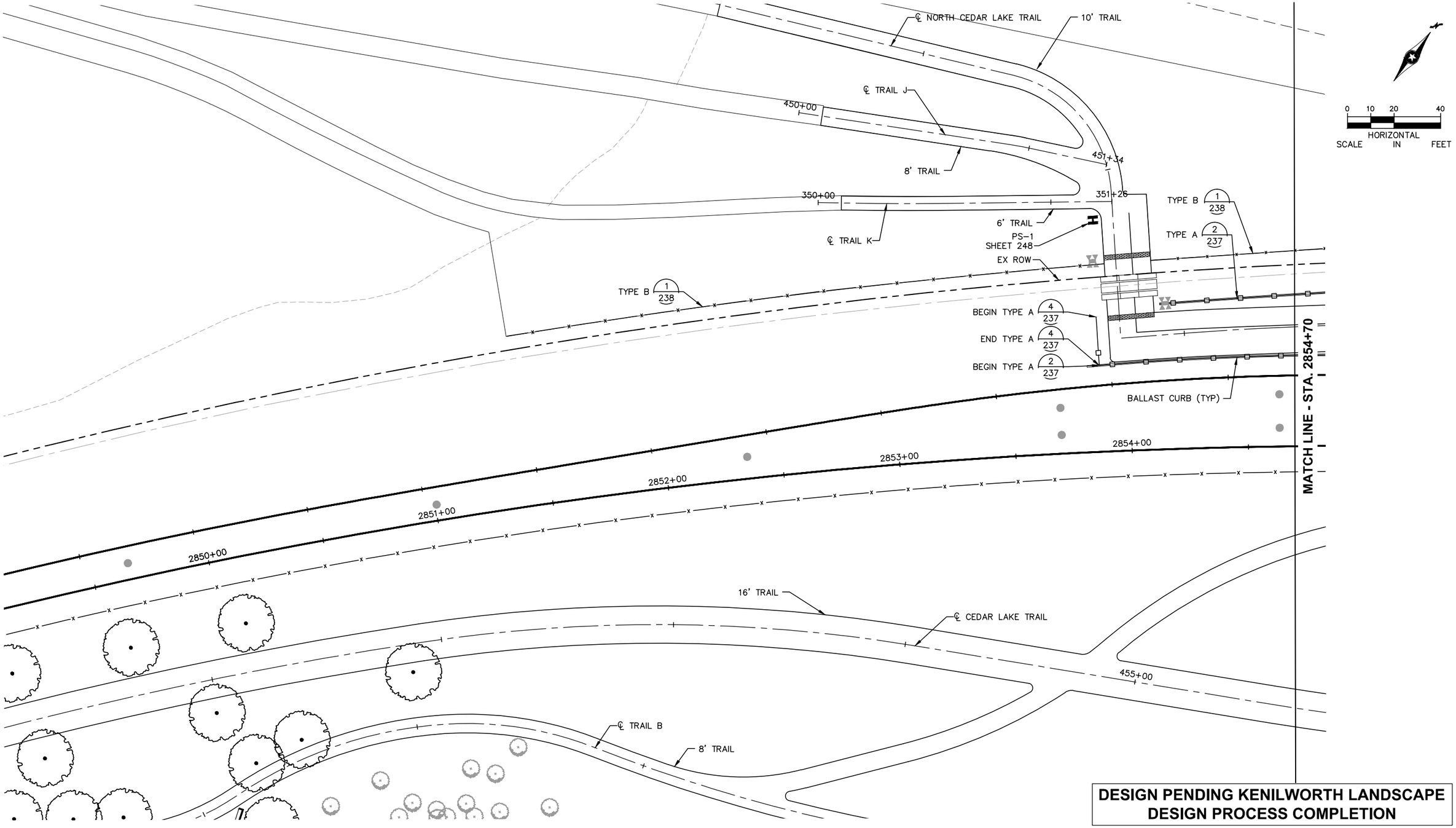
CIVIL - VOLUME 9
21ST STREET STATION
URBAN DESIGN PLAN
STA. 2819+75 TO STA. 2825+40

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-URD-PLN - 002

SHEET 219 OF 316

Jan, 18 2016 06:51 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-URD-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
PENN STATION
URBAN DESIGN PLAN 1
STA. 2849+10 TO STA. 2854+70

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 001

SHEET 220 OF 316

Jan, 19 2016 09:28 am v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.starbuck

MATCH LINE - SEE SHEET 222

MATCH LINE - STA. 2854+70

PENN STATION

PENN STATION PEDESTRIAN BRIDGE

PENN STATION VERTICAL CIRCULATION ELEVATOR AND STAIRS

℄ TRACK 1

℄ TRACK 2

TYPE B 1/238

TYPE A 2/237

BALLAST CURB (TYP)

EX ROW

END TYPE A 2/237

TYPE A 1/237

END TYPE B 1/238

TYPE A 4/237

TYPE B 1/238

2855+00

2856+00

2857+00

2858+00

2859+00

2860+00

555+00

556+17

460+00

PS-1 SHEET 248

PS-1 SHEET 248

8' TRAIL

8' TRAIL

20' TRAIL

16' TRAIL

℄ NORTH CEDAR LAKE TRAIL

℄ KENILWORTH TRAIL

0 10 20 40

HORIZONTAL SCALE IN FEET

DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

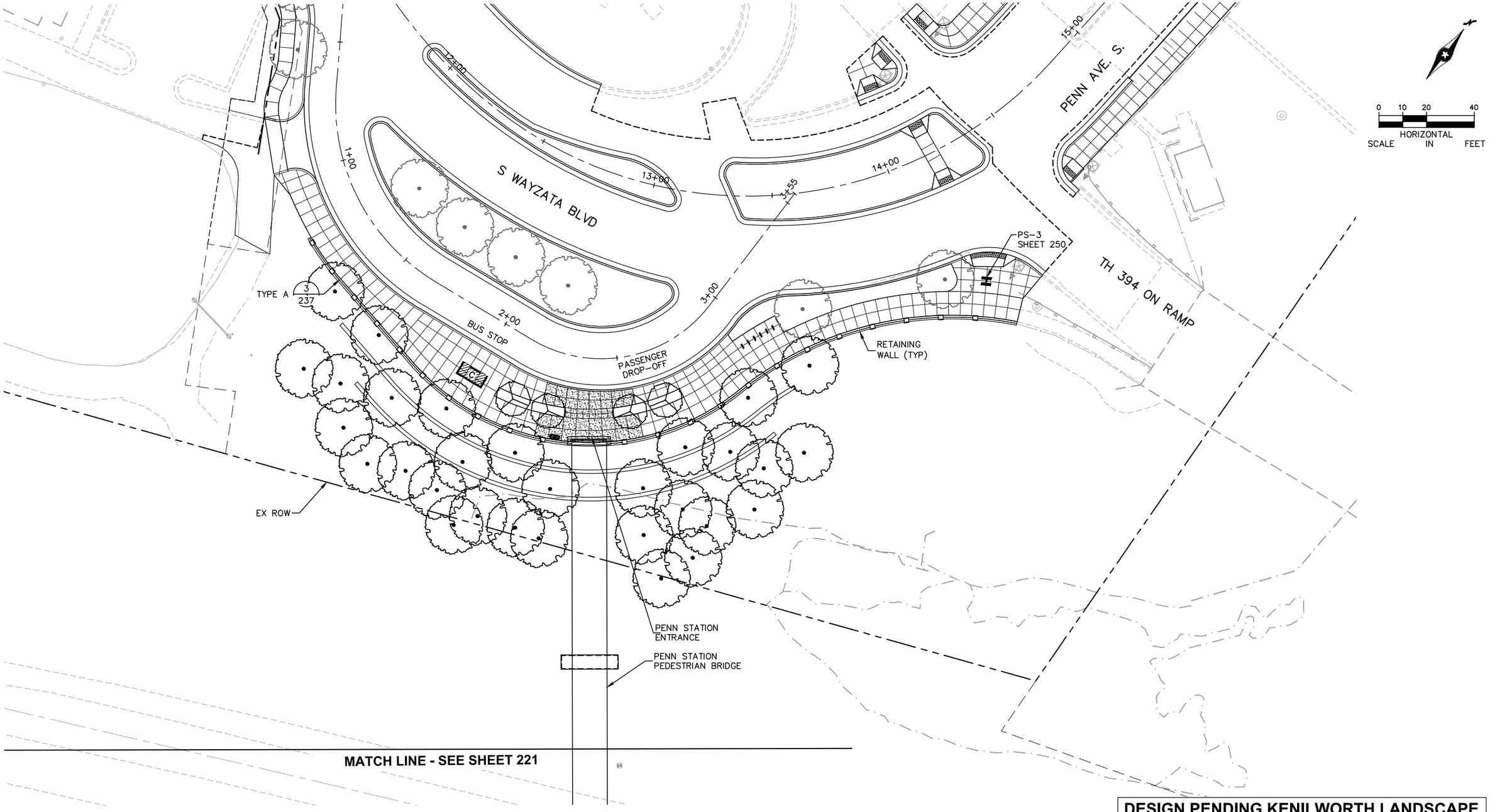
CIVIL - VOLUME 9
PENN STATION
URBAN DESIGN PLAN 2
STA. 2854+70 TO STA. 2860+20

SHEET 221 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 002

Jan, 19 2016 09:28 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.starbuck



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
PENN STATION
URBAN DESIGN PLAN 3
STA. 0+00 TO STA. 3+55

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 003

SHEET 222 OF 316

Jan, 19 2016 09:28 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.starbuck

SEE SHEET 235 FOR URBAN DESIGN ENLARGEMENT

SEE SHEET 234 FOR URBAN DESIGN ENLARGEMENT

BRIDGE R0696

EX ROW

℄ TRACK 1

℄ TRACK 2

℄ LUCE LINE REGIONAL TRAIL

BALLAST CURB (TYP)

VAN WHITE STATION

TYPE A 5 / 236

TYPE B 1 / 238

TYPE A 2 / 237

2895+00

2896+00

2897+00

2898+00

2899+00

2900+00

0+00

7.78

℄ POTENTIAL FUTURE ROADWAY CONNECTION

EX BRIDGE 27B01

8' WALK

PASSENGER DROP-OFF

20' TRAIL

℄ VAN WHITE STATION ACCESS

0+00

12' TRAIL

8' WALK

℄ TRAIL R

10+00

VW-2 SHEET 249

VAN WHITE MEMORIAL BLVD

10' WALK

MATCH LINE - STA. 2900+00

MATCH LINE - SEE SHEET 225

0 10 20 40

HORIZONTAL SCALE IN FEET

Jan. 19 2016 09:28 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

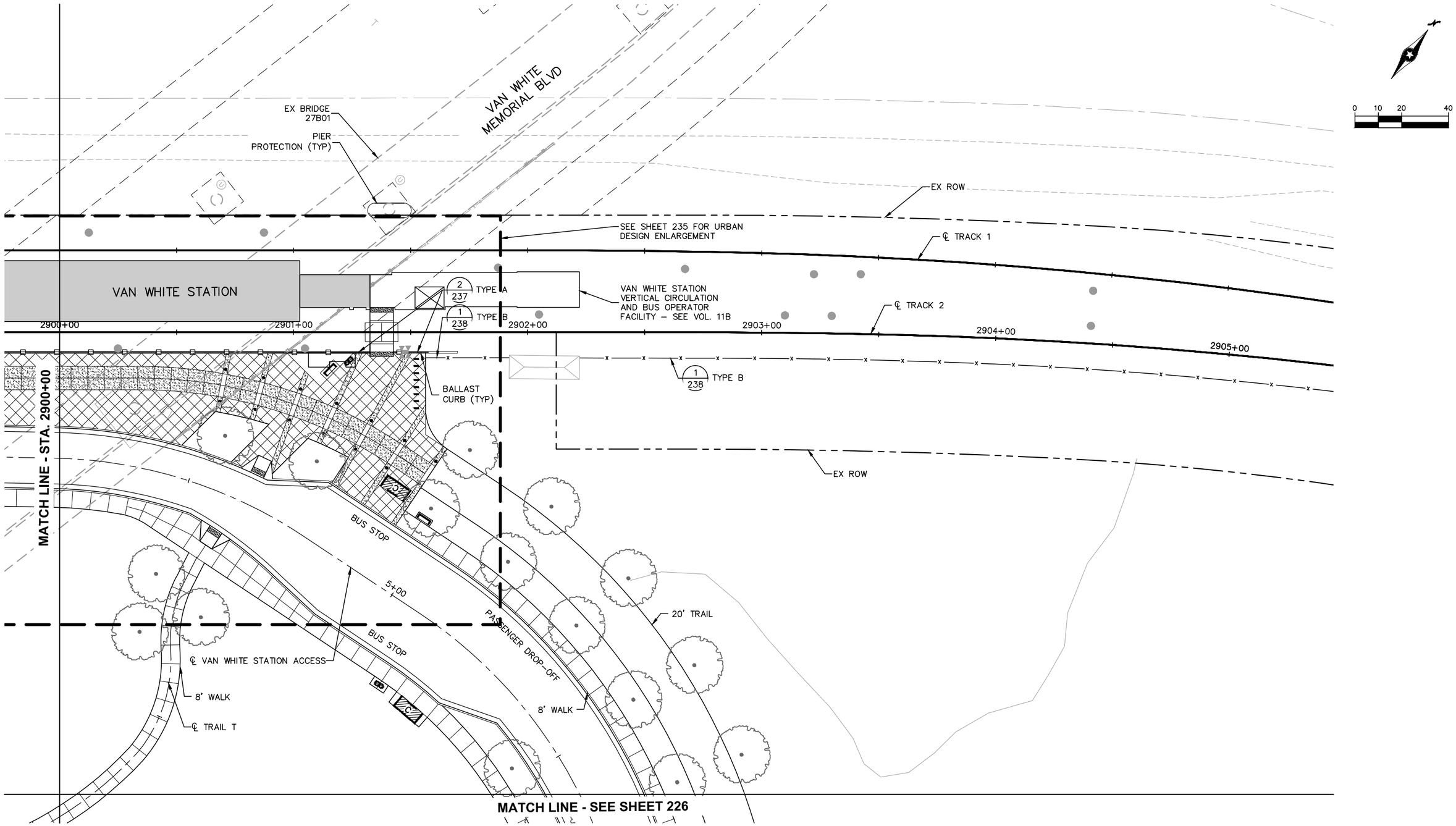
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
VAN WHITE STATION
URBAN DESIGN PLAN 1
STA. 2894+50 TO STA. 2900+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 004

SHEET 223 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
VAN WHITE STATION
URBAN DESIGN PLAN 2
STA. 2900+00 TO STA. 2905+45

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 005

SHEET 224 OF 316

MATCH LINE - SEE SHEET 223

10' TRAIL
10' TRAIL
VW-2
SHEET 249
20' TRAIL
12' TRAIL
8' TRAIL
℄ TRAIL R
15+00
4+00
16+21
VAN WHITE MEMORIAL BLVD
8' WALK
EX ROW
℄ TRAIL T
VW-2
SHEET 249
8' WALK
EX ROW
VW-3
SHEET 250
20' TRAIL
15+00
10+00

0 10 20 40
HORIZONTAL
SCALE IN FEET

MATCH LINE - SEE SHEET 226

Jan, 19 2016 09:29 am v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.storbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST
Green Line LRT Extension

CIVIL - VOLUME 9
VAN WHITE STATION
URBAN DESIGN PLAN 3
STA. 10+35 TO STA. 15+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 006

SHEET 225 OF 316

MATCH LINE - SEE SHEET 224

8' WALK

BUS LAYOVER

8' WALK

20' TRAIL

℄ VAN WHITE STATION ACCESS

EX ROW

VW-2
SHEET 249

20' TRAIL

20' TRAIL

℄ TRAIL R

20+00

15+00

MATCH LINE - SEE SHEET 226

8+68

LINDEN AVENUE

0 10 20 40
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
VAN WHITE STATION
URBAN DESIGN PLAN 4
STA. 15+00 TO STA. 20+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 007

SHEET 226 OF 316

Jan. 19 2016 09:29 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.starbuck

0 10 20 40
HORIZONTAL SCALE IN FEET

55+00
6' WALK
℄ HOLDEN ST N
EX ROW
10' WALK
℄ ROYALSTON AVE N
10' WALK
RETAINING WALL (TYP)
5 239 TYPE C
P-OH
10' WALK
HOLDEN ST N
RO-2 SHEET 249
ROYALSTON AVE N
2943+00
2944+00
MATCH LINE - STA. 2943+80
TYPE A 1 237
END 8' TYPE C 3 239
BEGIN 8' TYPE C 5 239
BRIDGE R0697
2942+00
10' WALK
EX ROW
℄ TRACK 1
2939+00
2941+00
2940+00
℄ TRACK 2
1 237 TYPE A
3 239 8' TYPE C
4 237 TYPE A

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

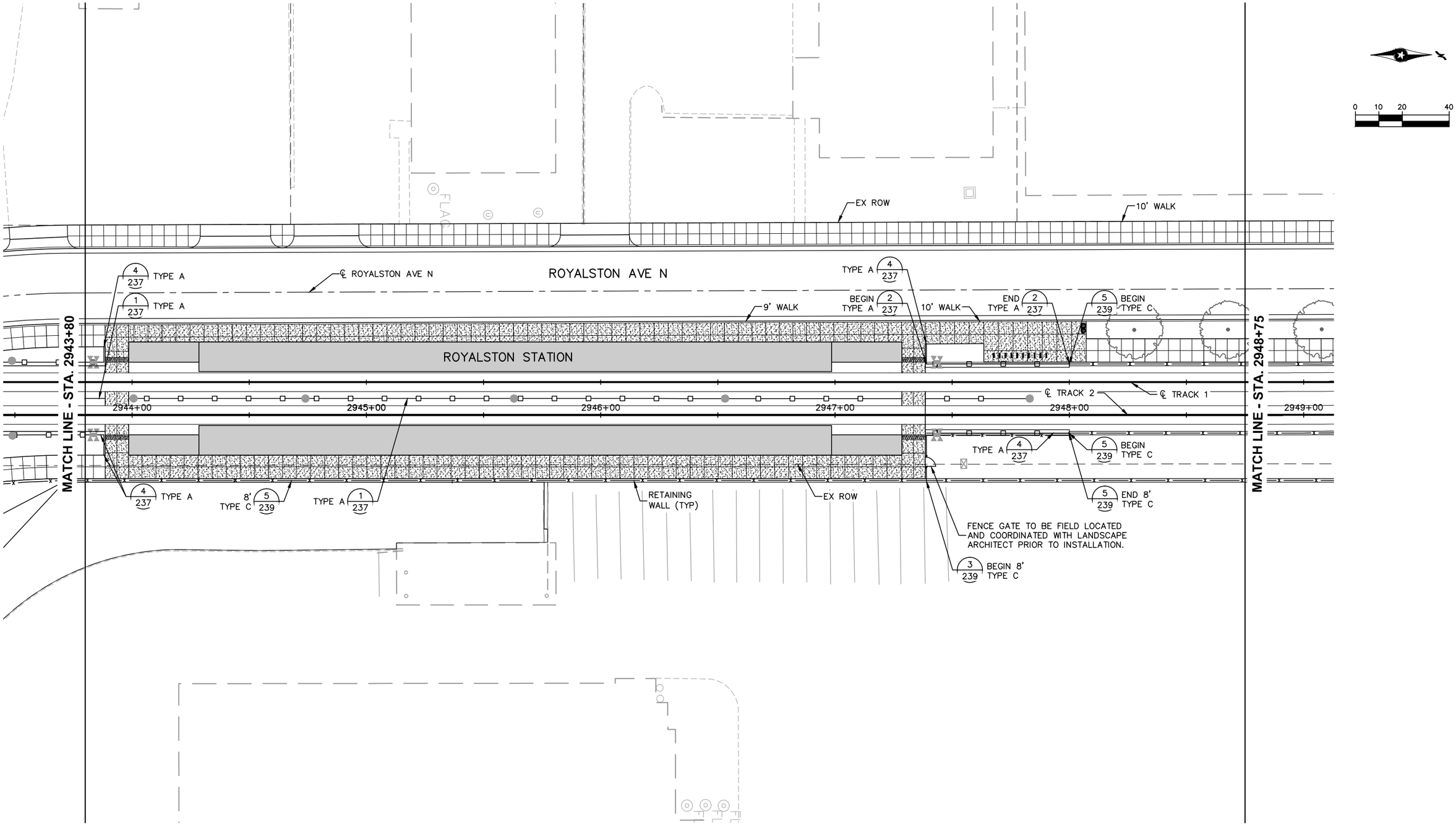
CIVIL - VOLUME 9
ROYALSTON STATION
URBAN DESIGN PLAN 1
STA. 2938+15 TO STA. 2943+80

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 008

SHEET 227 OF 316

Jan. 19 2016 09:29 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

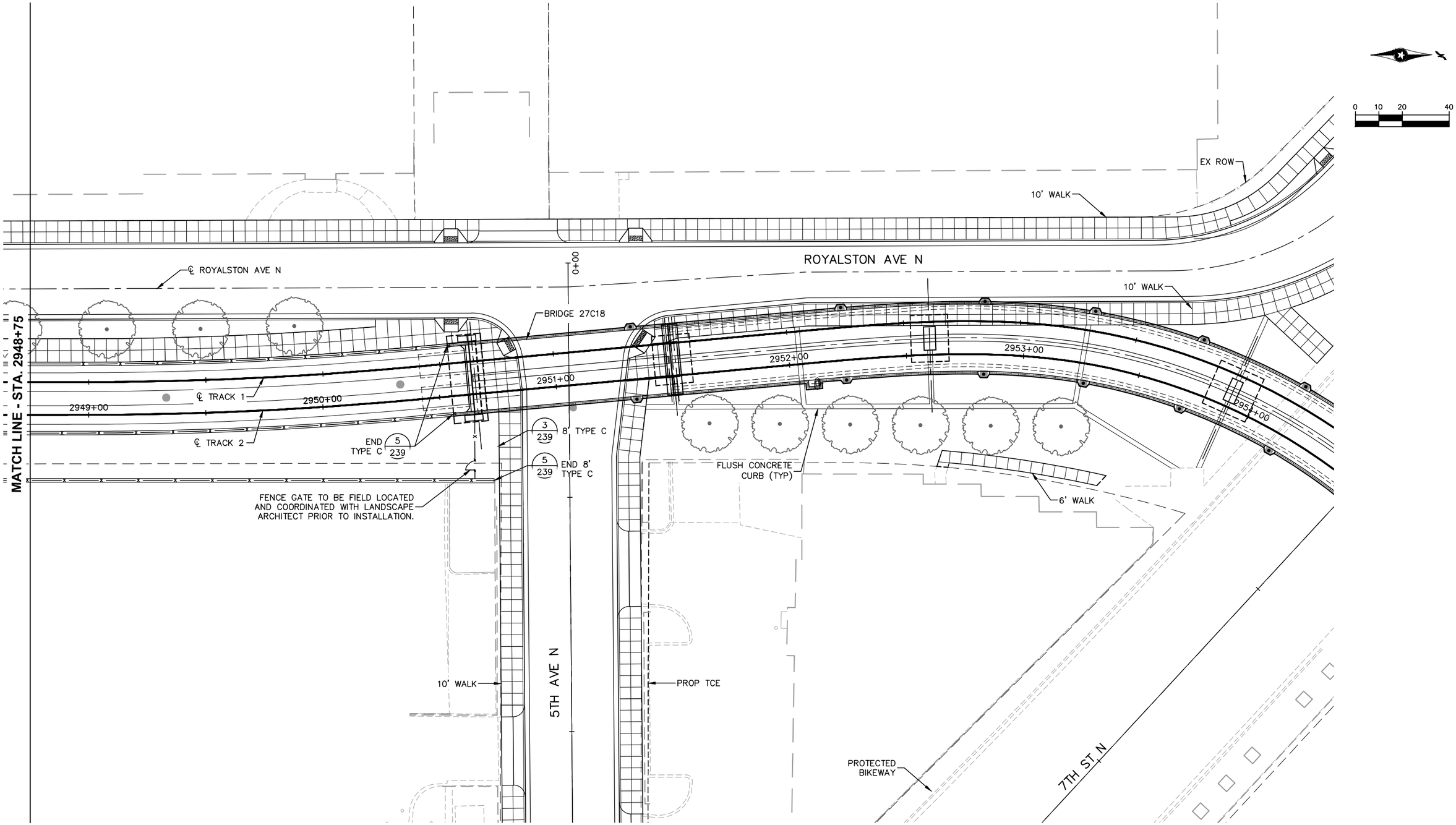
CIVIL - VOLUME 9
ROYALSTON STATION
URBAN DESIGN PLAN 2
STA. 2943+80 TO STA. 2948+75

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 009

SHEET 228 OF 316

Jan, 19 2016 09:30 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

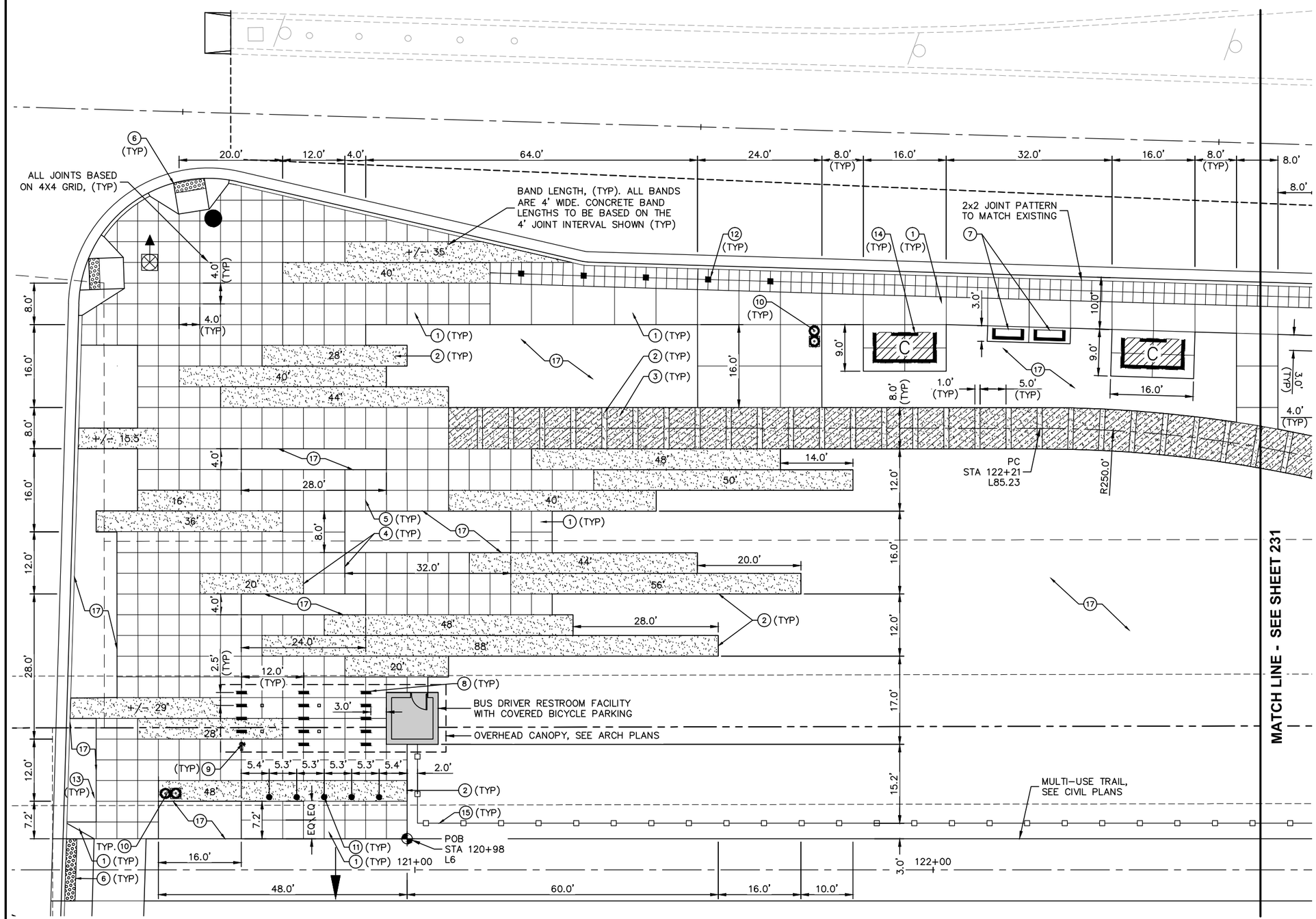
CIVIL - VOLUME 9
ROYALSTON STATION
URBAN DESIGN PLAN 3
STA. 2948+75 TO STA. 2954+40

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-PLN - 010

SHEET 229 OF 316

Jan, 19 2016 09:30 am v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-PLN.dwg By: joseph.starbuck



NO.	ITEM	SYMBOL	DETAIL
1	CONCRETE PAVING (UNCOLORED)	N/A	DETAIL XX, SHEET XX
2	CONCRETE PAVING, INTEGRAL COLOR		DETAIL XX, SHEET XX
3	CONCRETE PAVING, INTEGRAL COLOR, EXPOSED AGGREGATE		DETAIL XX, SHEET XX
4	EXPANSION JOINT		DETAIL XX, SHEET XX
5	TOOLED CONTROL JOINT		DETAIL XX, SHEET XX
6	ADA CURB RAMP, SEE CIVIL PLANS	N/A	DETAIL XX, SHEET XX
7	BENCH		DETAIL XX, SHEET XX
8	BIKE RACK/LOOP		DETAIL XX, SHEET XX
9	BIKE FIX-IT STATION		DETAIL XX, SHEET XX
10	TRASH/RECYCLING RECEPTACLES		DETAIL XX, SHEET XX
11	BOLLARD (NEW)		DETAIL XX, SHEET XX
12	BOLLARD (SALVAGED AND REINSTALLED)		DETAIL XX, SHEET XX
13	LIGHT FIXTURE		SEE ELECTRICAL PLANS
14	BUS SHELTER	C	SEE URD PLANS
15	FENCE TYPE A		DETAIL XX, SHEET XX
16	FENCE TYPE B		DETAIL XX, SHEET XX
17	LANDSCAPE AREA	N/A	SEE LAN PLANS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
DOWNTOWN HOPKINS STATION
URBAN DESIGN ENLARGEMENT PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-URD-ENLRG-PLN - 001

SHEET 230 OF 316

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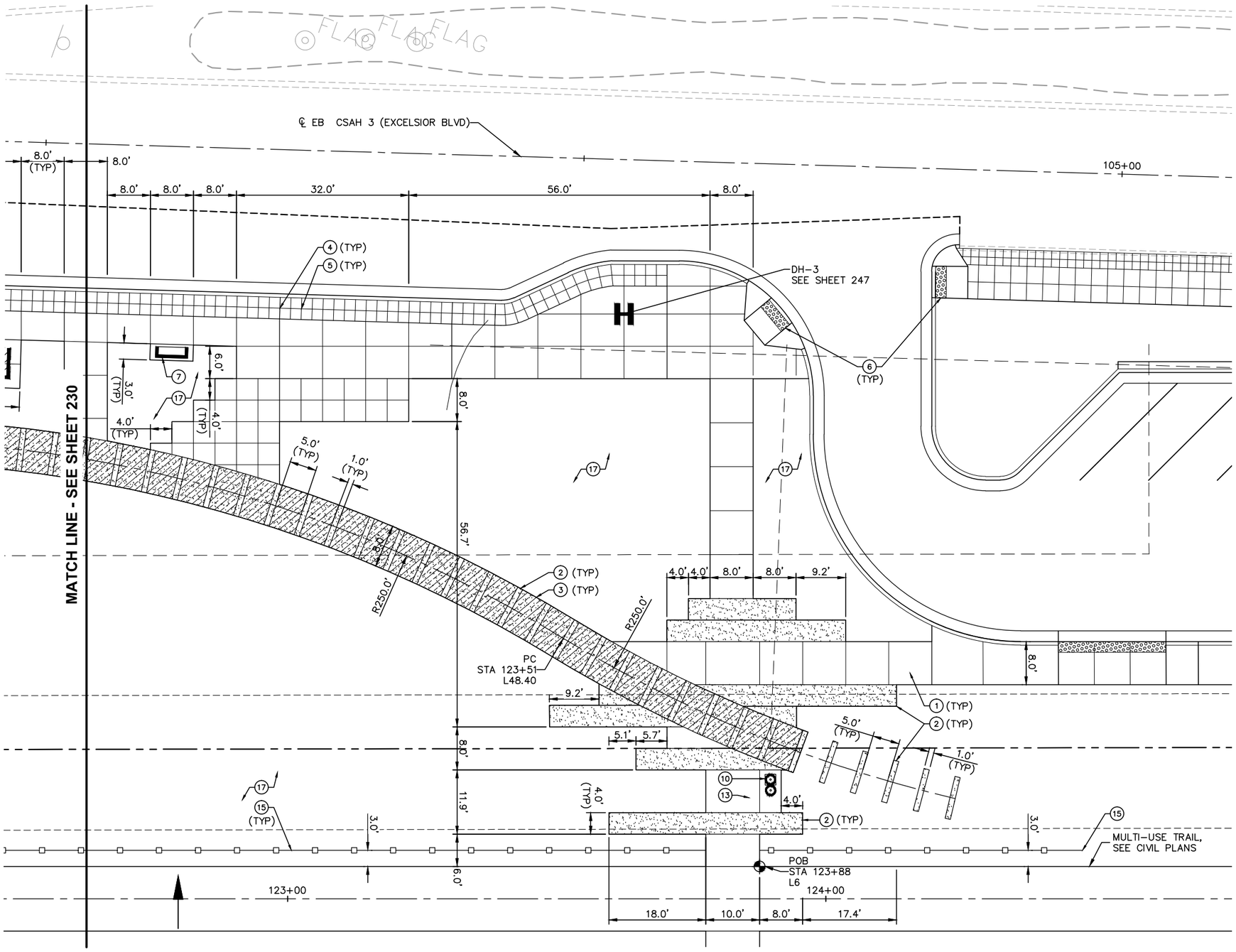
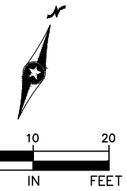




NO.	ITEM	SYMBOL	DETAIL
1	CONCRETE PAVING (UNCOLORED)	N/A	DETAIL XX, SHEET XX
2	CONCRETE PAVING, INTEGRAL COLOR		DETAIL XX, SHEET XX
3	CONCRETE PAVING, INTEGRAL COLOR, EXPOSED AGGREGATE		DETAIL XX, SHEET XX
4	EXPANSION JOINT		DETAIL XX, SHEET XX
5	TOOLED CONTROL JOINT		DETAIL XX, SHEET XX
6	ADA CURB RAMP, SEE CIVIL PLANS	N/A	DETAIL XX, SHEET XX
7	BENCH		DETAIL XX, SHEET XX
8	BIKE RACK/LOOP		DETAIL XX, SHEET XX
9	BIKE FIX-IT STATION		DETAIL XX, SHEET XX
10	TRASH/RECYCLING RECEPTACLES		DETAIL XX, SHEET XX
11	BOLLARD (NEW)		DETAIL XX, SHEET XX
12	BOLLARD (SALVAGED AND REINSTALLED)		DETAIL XX, SHEET XX
13	LIGHT FIXTURE		SEE ELECTRICAL PLANS
14	BUS SHELTER		SEE URD PLANS
15	FENCE TYPE A		DETAIL XX, SHEET XX
16	FENCE TYPE B		DETAIL XX, SHEET XX
17	LANDSCAPE AREA	N/A	SEE LAN PLANS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

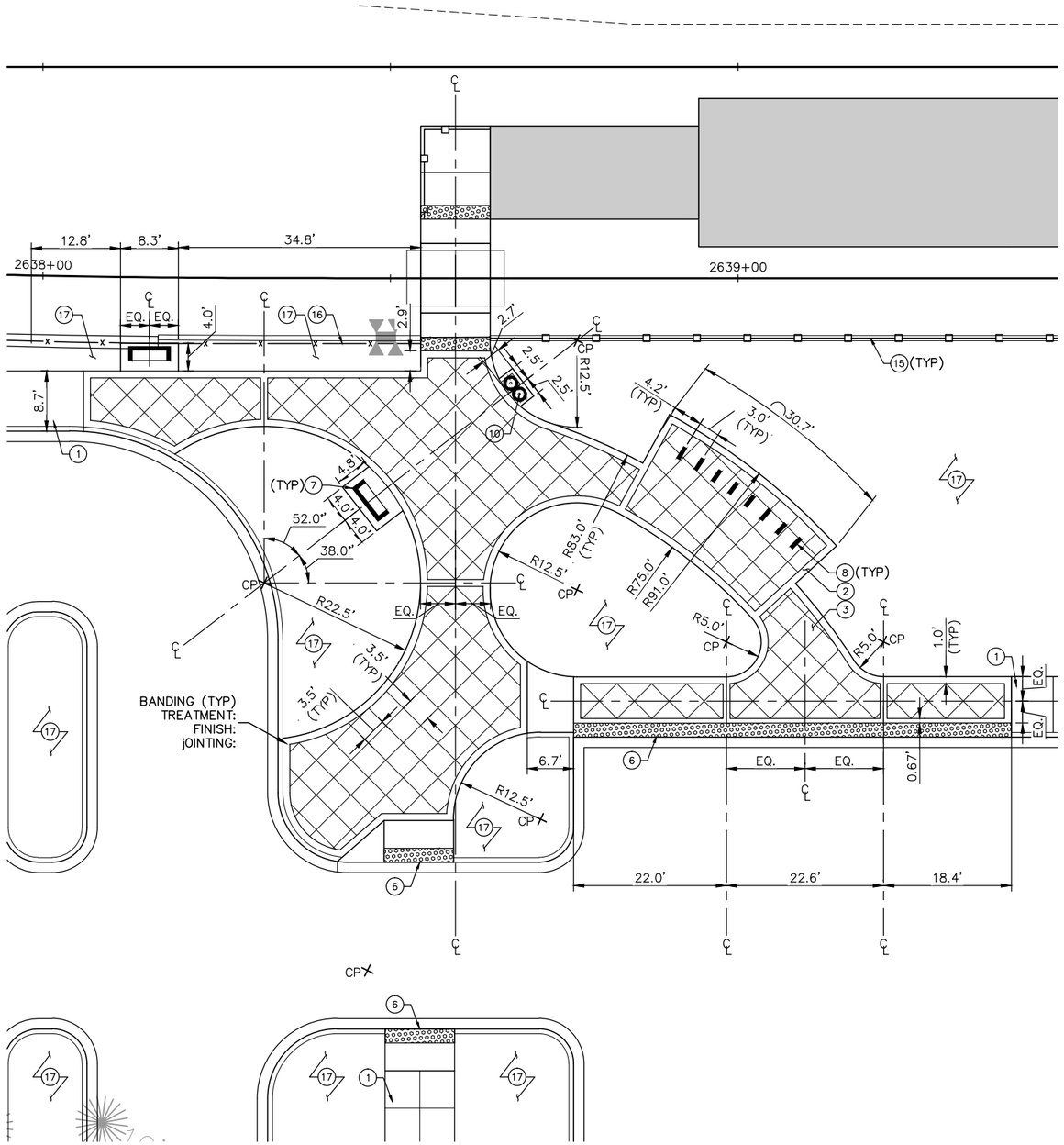
CIVIL - VOLUME 9
DOWNTOWN HOPKINS STATION
URBAN DESIGN ENLARGEMENT PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-URD-ENLRG-PLN - 002

SHEET 231 OF 316

Jan, 18 2016 08:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-URD-ENLRG-PLN.dwg By: joseph.starbuck



MATERIALS KEY/LEGEND

NO.	ITEM	SYMBOL	DETAIL
1	CONCRETE PAVING (UNCOLORED)	N/A	DETAIL XX, SHEET XX
2	CONCRETE PAVING, INTEGRAL COLOR		DETAIL XX, SHEET XX
3	CONCRETE PAVING, INTEGRAL COLOR, EXPOSED AGGREGATE		DETAIL XX, SHEET XX
4	EXPANSION JOINT		DETAIL XX, SHEET XX
5	TOOLED CONTROL JOINT		DETAIL XX, SHEET XX
6	ADA CURB RAMP, SEE CIVIL PLANS	N/A	DETAIL XX, SHEET XX
7	BENCH		DETAIL XX, SHEET XX
8	BIKE RACK/LOOP		DETAIL XX, SHEET XX
9	BIKE FIX-IT STATION		DETAIL XX, SHEET XX
10	TRASH/RECYCLING RECEPTACLES		DETAIL XX, SHEET XX
11	BOLLARD (NEW)		DETAIL XX, SHEET XX
12	BOLLARD (SALVAGED AND REINSTALLED)		DETAIL XX, SHEET XX
13	LIGHT FIXTURE		SEE ELECTRICAL PLANS
14	BUS SHELTER		SEE URD PLANS
15	FENCE TYPE A		DETAIL XX, SHEET XX
16	FENCE TYPE B		DETAIL XX, SHEET XX
17	LANDSCAPE AREA	N/A	SEE LAN PLANS

1 LOUISIANA PLAZA ENLARGEMENT WEST
SCALE: 1"= 10'-0"

0 10' 20'
SCALE

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

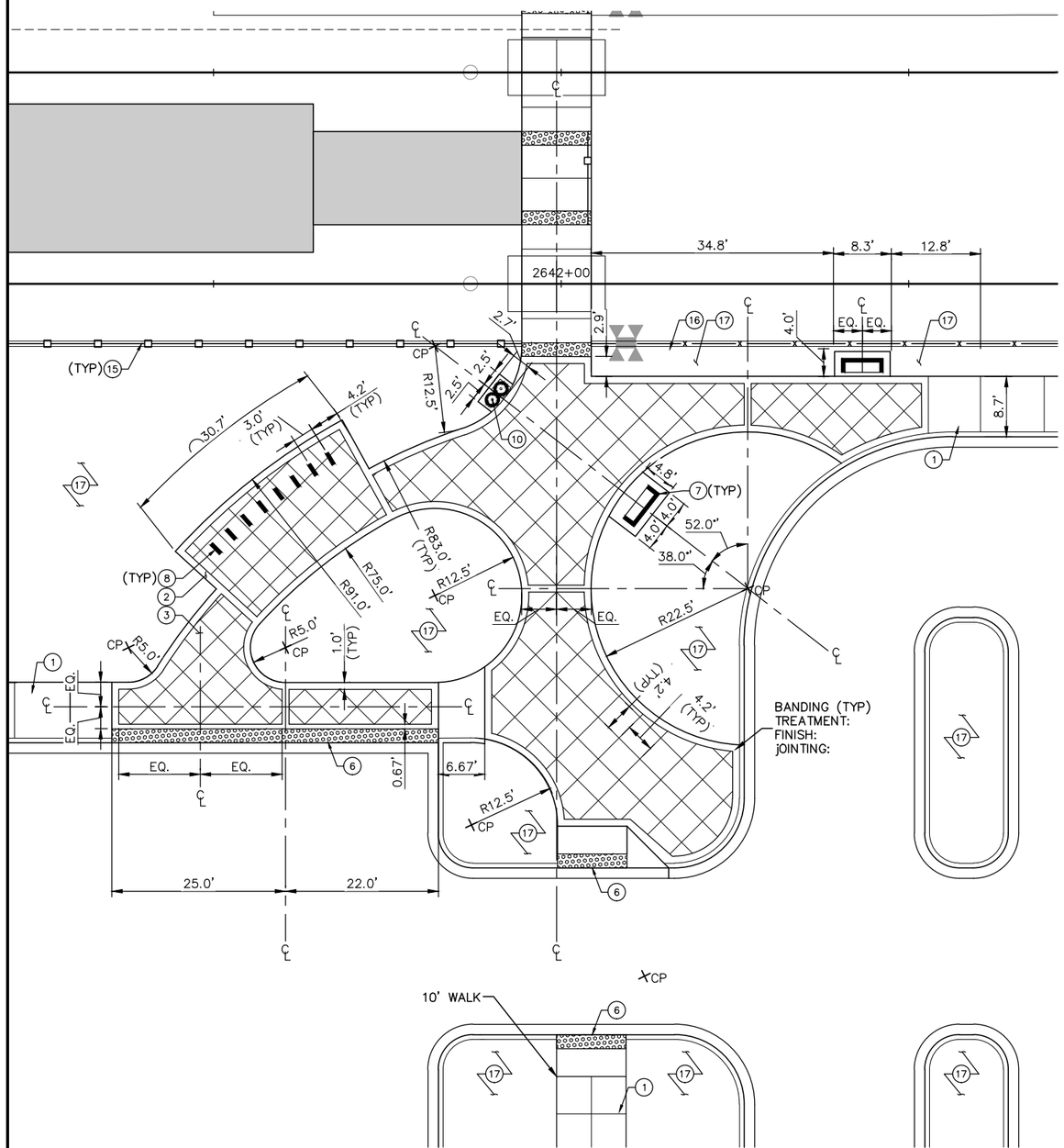
CIVIL - VOLUME 9
LOUISIANA STATION
URBAN DESIGN ENLARGEMENT PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-URD-ENLRG-PLN - 001

SHEET 232 OF 316

Jan, 18 2016 09:36 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-URD-ENLRG-PLN.dwg By: joe.cogswell



1 LOUISIANA PLAZA ENLARGEMENT EAST
SCALE: 1"= 10'-0"

MATERIALS KEY/LEGEND

NO.	ITEM	SYMBOL	DETAIL
1	CONCRETE PAVING (UNCOLORED)	N/A	DETAIL XX, SHEET XX
2	CONCRETE PAVING, INTEGRAL COLOR		DETAIL XX, SHEET XX
3	CONCRETE PAVING, INTEGRAL COLOR, EXPOSED AGGREGATE		DETAIL XX, SHEET XX
4	EXPANSION JOINT		DETAIL XX, SHEET XX
5	TOOLED CONTROL JOINT		DETAIL XX, SHEET XX
6	ADA CURB RAMP, SEE CIVIL PLANS	N/A	DETAIL XX, SHEET XX
7	BENCH		DETAIL XX, SHEET XX
8	BIKE RACK/LOOP		DETAIL XX, SHEET XX
9	BIKE FIX-IT STATION		DETAIL XX, SHEET XX
10	TRASH/RECYCLING RECEPTACLES		DETAIL XX, SHEET XX
11	BOLLARD (NEW)		DETAIL XX, SHEET XX
12	BOLLARD (SALVAGED AND REINSTALLED)		DETAIL XX, SHEET XX
13	LIGHT FIXTURE		SEE ELECTRICAL PLANS
14	BUS SHELTER		SEE URD PLANS
15	FENCE TYPE A		DETAIL XX, SHEET XX
16	FENCE TYPE B		DETAIL XX, SHEET XX
17	LANDSCAPE AREA	N/A	SEE LAN PLANS

0 10' 20'
SCALE

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

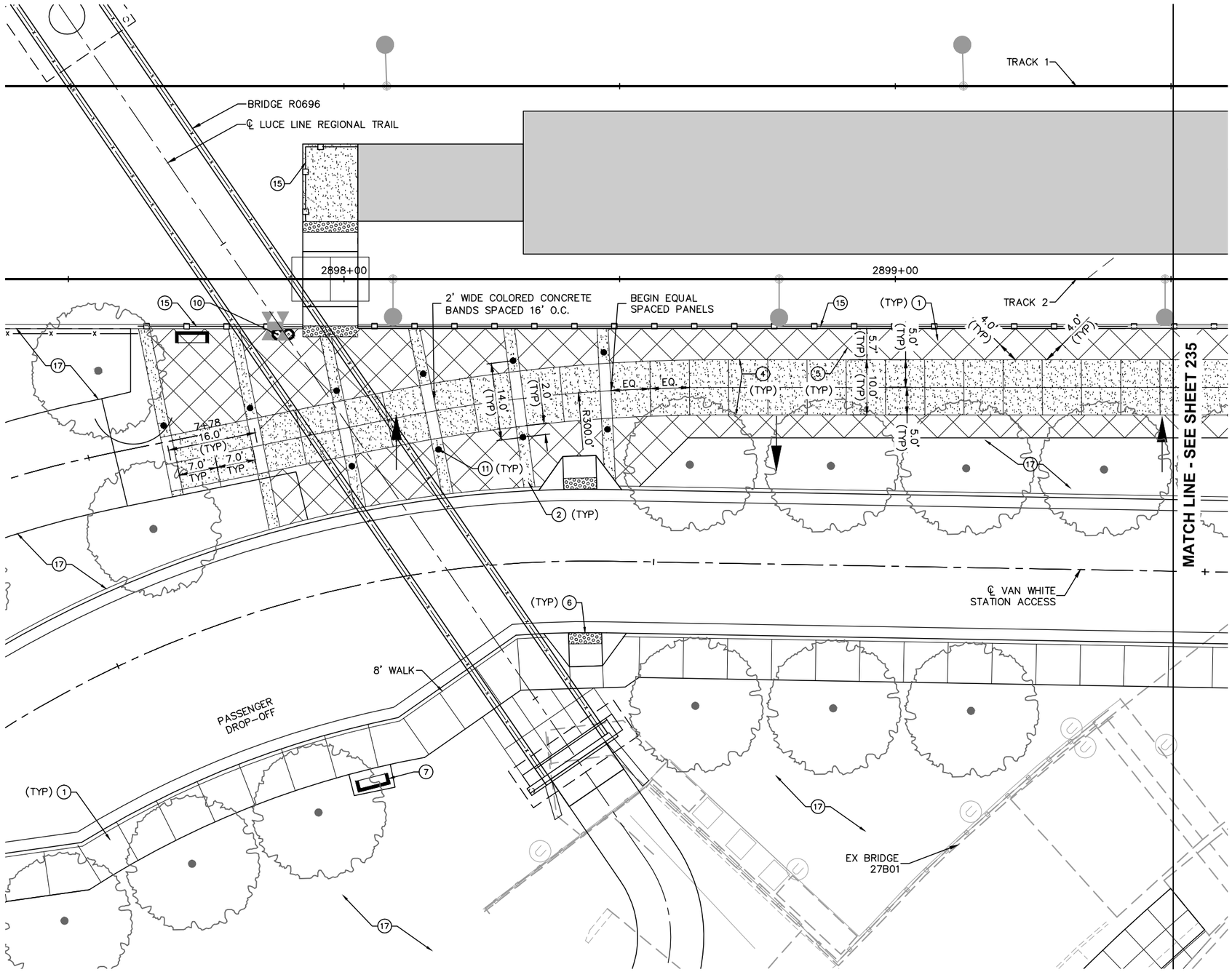
CIVIL - VOLUME 9
LOUISIANA STATION
URBAN DESIGN ENLARGEMENT PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-URD-ENLRG-PLN - 002

SHEET 233 OF 316

Jan, 18 2016 09:36 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-URD-ENLRG-PLN.dwg By: joe.cogswell



0 5 10 20

MATERIALS KEY/LEGEND

NO.	ITEM	SYMBOL	DETAIL
1	CONCRETE PAVING (UNCOLORED)	N/A	DETAIL XX, SHEET XX
2	CONCRETE PAVING, INTEGRAL COLOR		DETAIL XX, SHEET XX
3	CONCRETE PAVING, INTEGRAL COLOR, EXPOSED AGGREGATE		DETAIL XX, SHEET XX
4	EXPANSION JOINT		DETAIL XX, SHEET XX
5	TOOLED CONTROL JOINT		DETAIL XX, SHEET XX
6	ADA CURB RAMP, SEE CIVIL PLANS	N/A	DETAIL XX, SHEET XX
7	BENCH		DETAIL XX, SHEET XX
8	BIKE RACK/LOOP		DETAIL XX, SHEET XX
9	BIKE FIX-IT STATION		DETAIL XX, SHEET XX
10	TRASH/RECYCLING RECEPTACLES		DETAIL XX, SHEET XX
11	BOLLARD (NEW)		DETAIL XX, SHEET XX
12	BOLLARD (SALVAGED AND REINSTALLED)		DETAIL XX, SHEET XX
13	LIGHT FIXTURE		SEE ELECTRICAL PLANS
14	BUS SHELTER		SEE URD PLANS
15	FENCE TYPE A		DETAIL XX, SHEET XX
16	FENCE TYPE B		DETAIL XX, SHEET XX
17	LANDSCAPE AREA	N/A	SEE LAN PLANS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

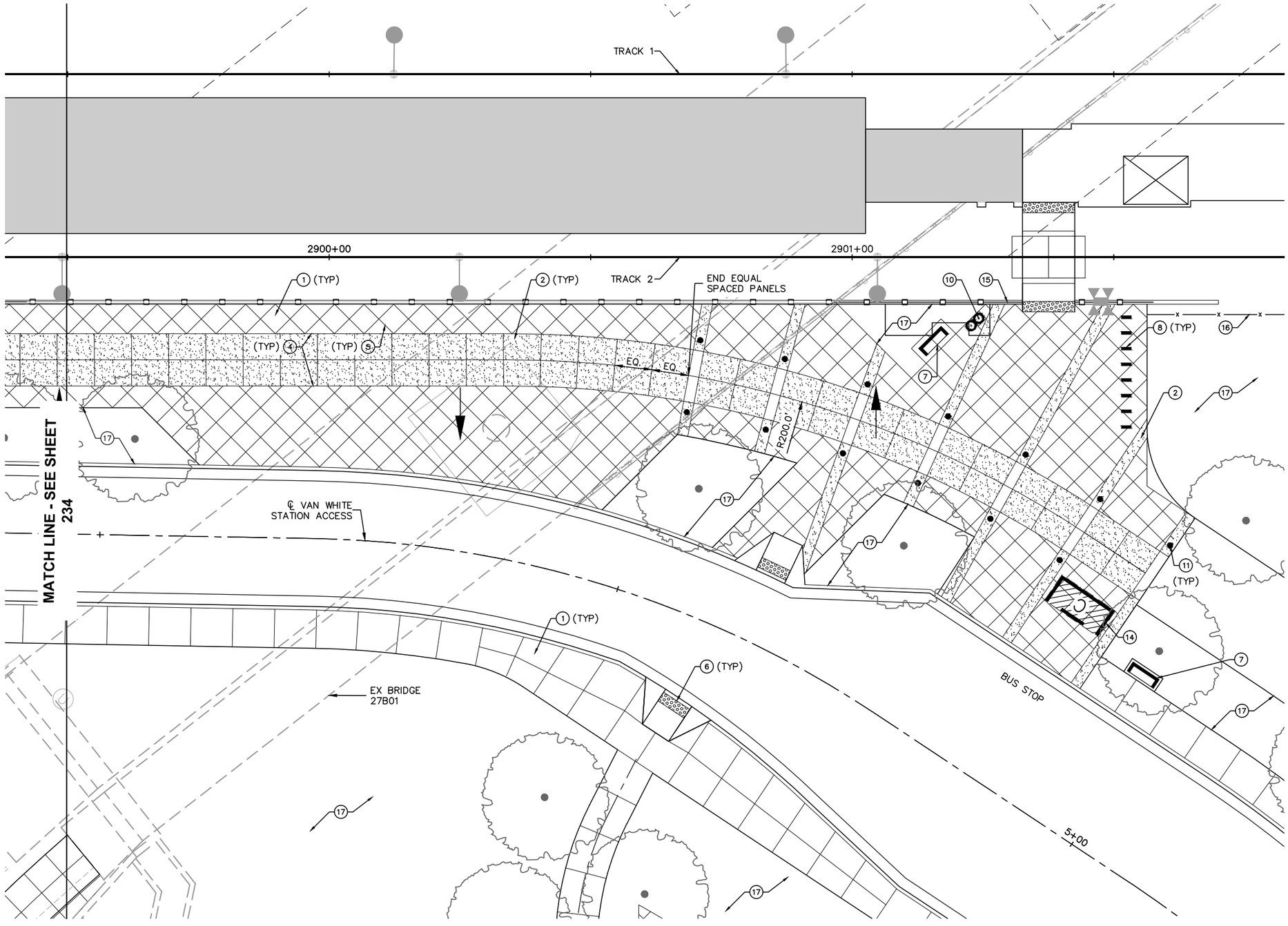
CIVIL - VOLUME 9
VAN WHITE STATION
URBAN DESIGN ENLARGEMENT PLAN 1

SHEET 234 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-ENLRG-PLN - 001

Jan, 19 2016 09:40 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-ENLRG-PLN.dwg By: joseph.starbuck



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MATERIALS KEY/LEGEND

NO.	ITEM	SYMBOL	DETAIL
1	CONCRETE PAVING (UNCOLORED)	N/A	DETAIL XX, SHEET XX
2	CONCRETE PAVING, INTEGRAL COLOR		DETAIL XX, SHEET XX
3	CONCRETE PAVING, INTEGRAL COLOR, EXPOSED AGGREGATE		DETAIL XX, SHEET XX
4	EXPANSION JOINT		DETAIL XX, SHEET XX
5	TOOLED CONTROL JOINT		DETAIL XX, SHEET XX
6	ADA CURB RAMP, SEE CIVIL PLANS	N/A	DETAIL XX, SHEET XX
7	BENCH		DETAIL XX, SHEET XX
8	BIKE RACK/LOOP		DETAIL XX, SHEET XX
9	BIKE FIX-IT STATION		DETAIL XX, SHEET XX
10	TRASH/RECYCLING RECEPTACLES		DETAIL XX, SHEET XX
11	BOLLARD (NEW)		DETAIL XX, SHEET XX
12	BOLLARD (SALVAGED AND REINSTALLED)		DETAIL XX, SHEET XX
13	LIGHT FIXTURE		SEE ELECTRICAL PLANS
14	BUS SHELTER		SEE URD PLANS
15	FENCE TYPE A		DETAIL XX, SHEET XX
16	FENCE TYPE B		DETAIL XX, SHEET XX
17	LANDSCAPE AREA	N/A	SEE LAN PLANS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

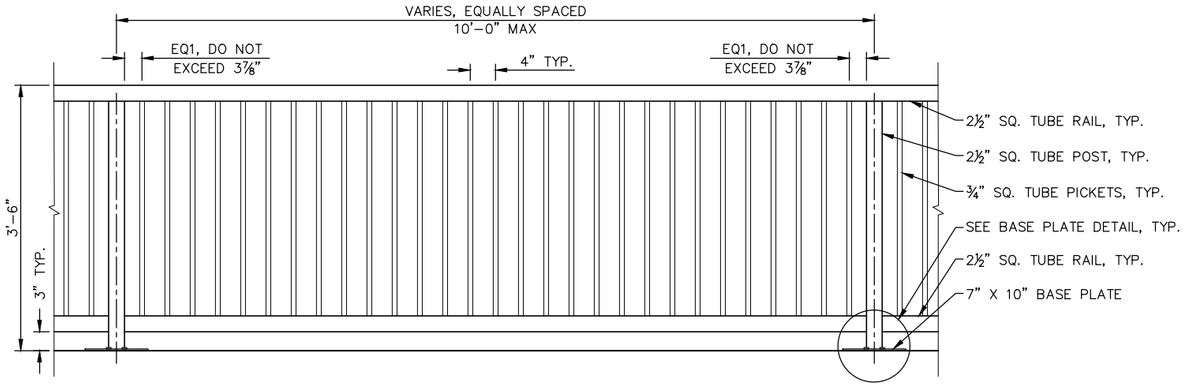
CIVIL - VOLUME 9
VAN WHITE STATION
URBAN DESIGN ENLARGEMENT PLAN 2

SHEET 235 OF 316

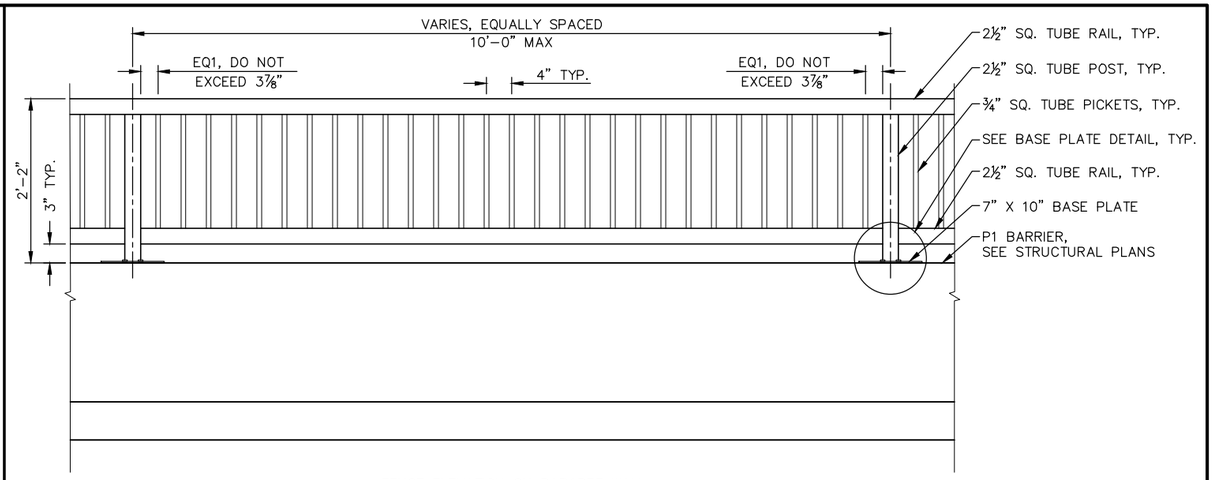
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-URD-ENLRG-PLN - 002

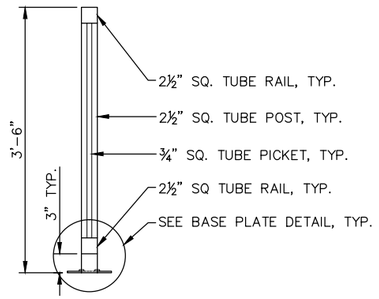
Jan, 19 2016 09:41 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-URD-ENLRG-PLN.dwg By: joseph.starbuck



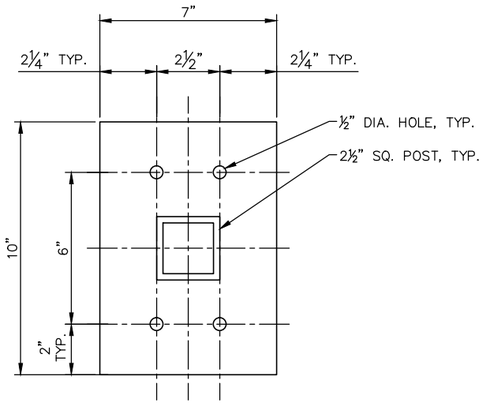
FENCE ELEVATION



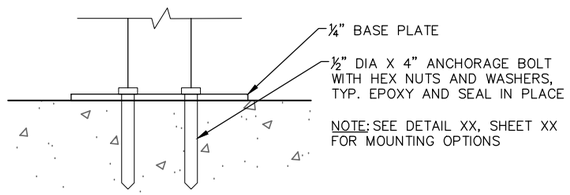
FENCE ELEVATION ON PARAPET WALL



SECTION THROUGH FENCE



BASE PLATE

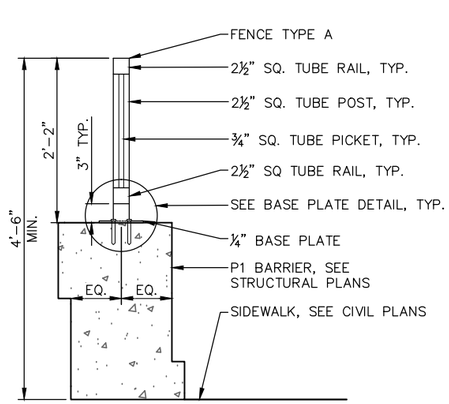


NOTE: SEE DETAIL XX, SHEET XX FOR MOUNTING OPTIONS

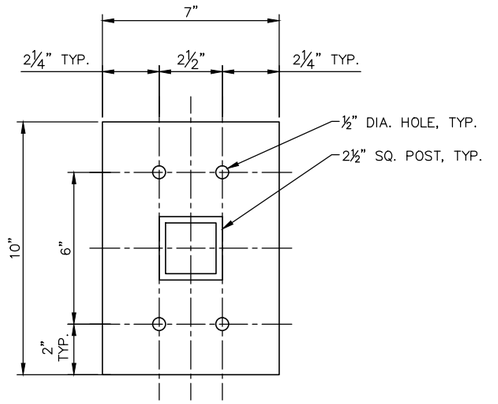
ANCHOR DETAIL

NOTES:
1. ALL FENCE COMPONENTS TO BE GALVANIZED STEEL.
2. HOT DIP GALVANIZE PER MNDOT STANDARD SPECIFICATION SECTION 3394.

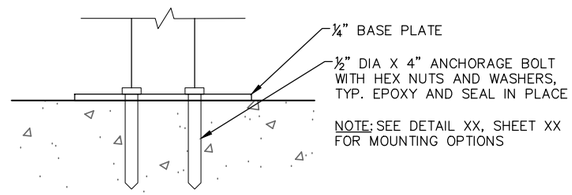
1 FENCE TYPE A
NOT TO SCALE



SECTION THROUGH FENCE



BASE PLATE



NOTE: SEE DETAIL XX, SHEET XX FOR MOUNTING OPTIONS

ANCHOR DETAIL

NOTES:
1. ALL FENCE COMPONENTS TO BE GALVANIZED STEEL.
2. HOT DIP GALVANIZE PER MNDOT STANDARD SPECIFICATION SECTION 3394.

2 FENCE TYPE A – MODIFIED FOR PARAPET WALL
NOT TO SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN DETAILS
FENCE DETAILS 1

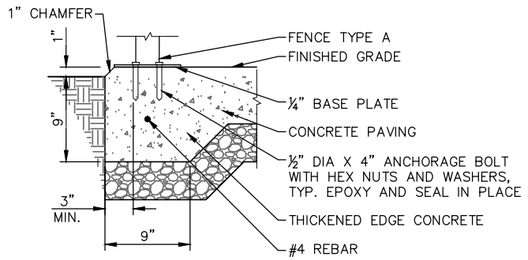
SHEET 236 OF 316

DISCIPLINE: LANDSCAPE ARCH

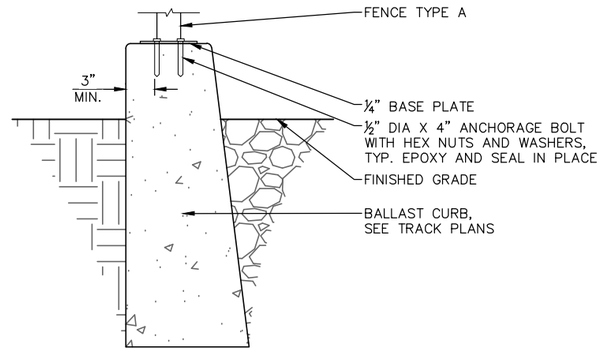
SHEET NAME: E0-URD-DTLA-001

Jan. 18 2016 07:35 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLA.dwg By: V-MozzetBR

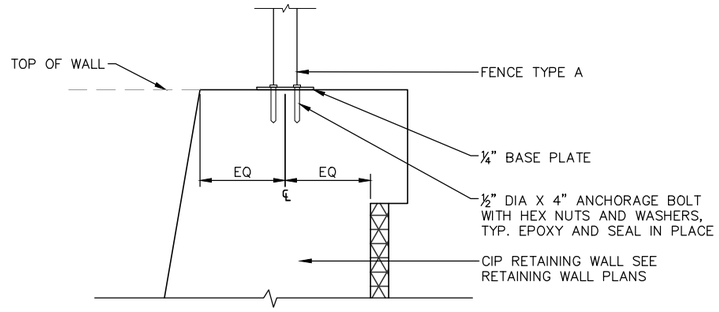
NOTES:
1. SEE SHEET XX FOR FENCE TYPE A, BASE PLATE DETAILS.



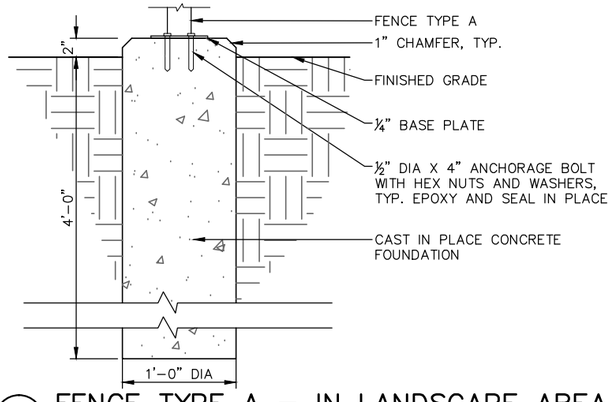
1 FENCE TYPE A – ON CONCRETE WALK
NOT TO SCALE



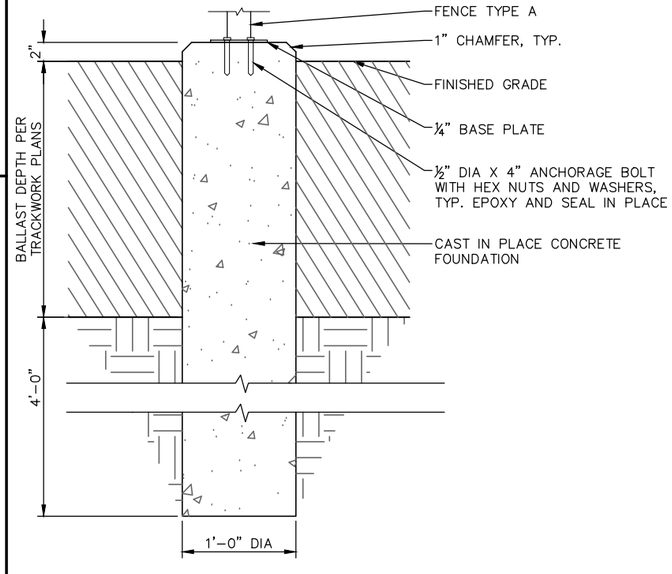
2 FENCE TYPE A – ON BALLAST CURB
NOT TO SCALE



3 FENCE TYPE A – ON RETAINING WALL
NOT TO SCALE



4 FENCE TYPE A – IN LANDSCAPE AREA
NOT TO SCALE



5 FENCE TYPE A – IN TRACK BALLAST
NOT TO SCALE

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SOUTHWEST Green Line LRT Extension

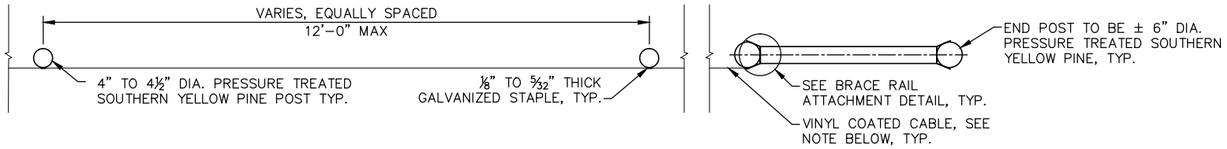
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
FENCE DETAILS 2

DISCIPLINE: LANDSCAPE ARCH

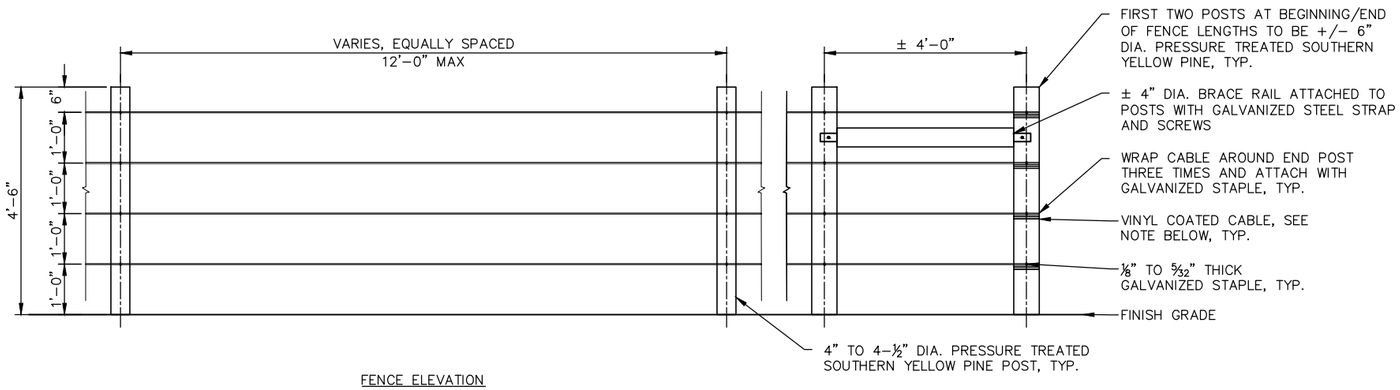
SHEET NAME: E0-URD-DTLA-002

SHEET 237 OF 316

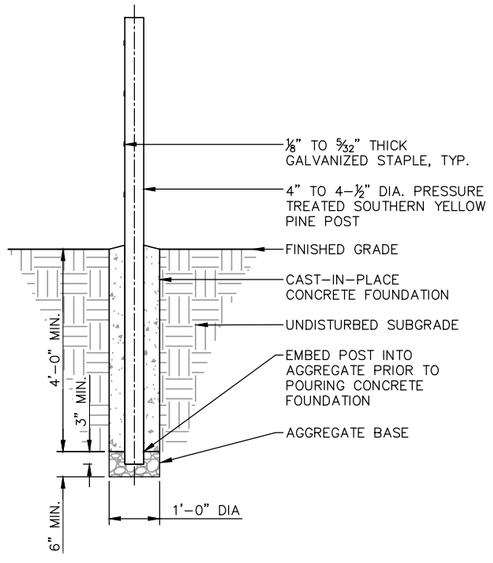
Jan. 18 2016 07:35 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLA.dwg By: V-MozzetBR



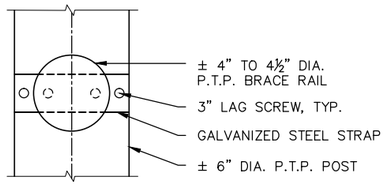
FENCE PLAN



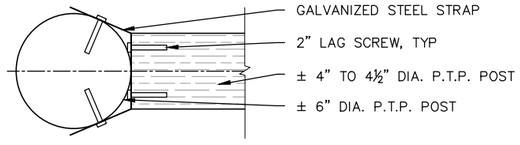
FENCE ELEVATION



SECTION THROUGH FENCE



BRACE RAIL ATTACHMENT ELEVATION



BRACE RAIL ATTACHMENT PLAN

NOTES:
ALL CABLES TO BE 7X19 STRAND CORE GALVANZIED STEEL WIRE ROPE, VINYL COATED (BLACK), ¼" COATED OUTSIDE DIAMETER.

1 FENCE TYPE B
NOT TO SCALE

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SOUTHWEST Green Line LRT Extension

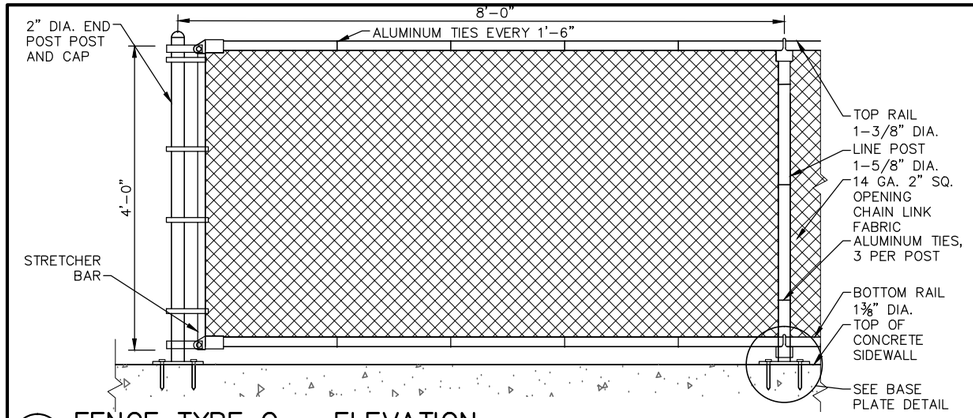
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
FENCE DETAILS 3

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-URD-DTLA-003

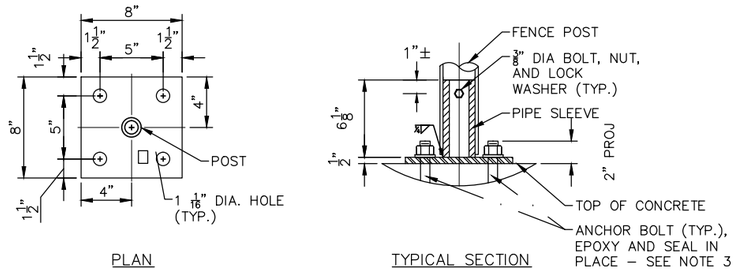
SHEET 238 OF 316

Jan. 18 2016 07:35 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLA.dwg By: V-MozzetBR



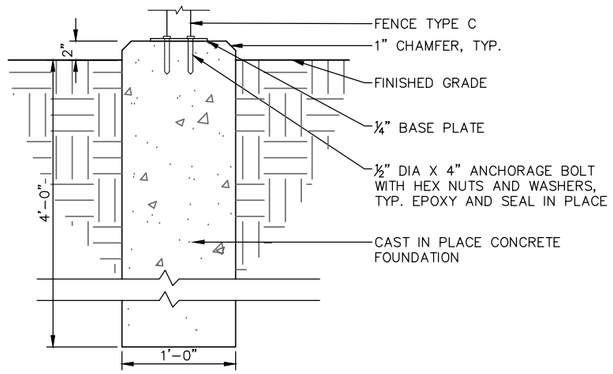
NOTES:
1. SEE BASE PLATE FOR FENCE ANCHORING DETAILS
2. ALL POSTS, RAILS, HARDWARE, AND FABRIC TO BE BLACK VINYL COATED.

1 FENCE TYPE C – ELEVATION
NOT TO SCALE

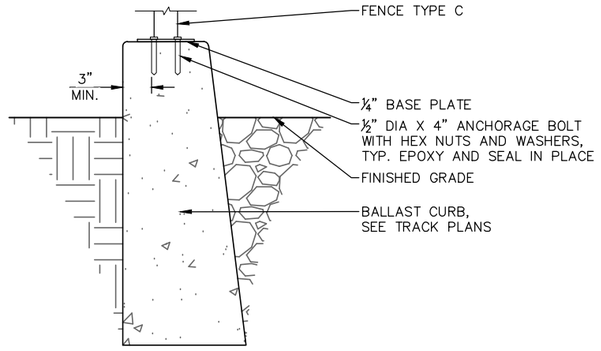


NOTES:
1. CAULK FULL BOTTOM SURFACE AND EDGES OF BASE PLATE. SHIM AS REQUIRED TO LEVEL BASE PLATE.
2. FENCE POSTS SHALL BE SET VERTICAL.
3. FOR FENCE ATTACHMENT TO CONCRETE WALLS, USE ¾"X6" ANCHOR BOLT. FOR FENCE ATTACHMENT TO CONCRETE TRACK PAVEMENT, USE ¾"X4" ANCHOR BOLT. SEE PLANS FOR LOCATION.

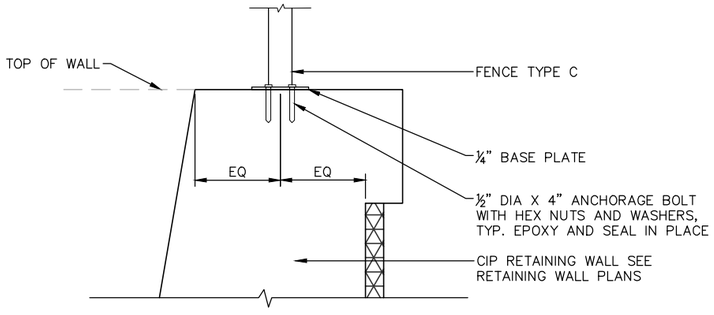
2 FENCE TYPE C BASE PLATE
NOT TO SCALE



3 FENCE TYPE C – IN LANDSCAPE AREA
NOT TO SCALE



4 FENCE TYPE C – ON BALLAST CURB
NOT TO SCALE



5 FENCE TYPE C – ON RETAINING WALL
NOT TO SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN DETAILS
FENCE DETAILS 4

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-URD-DTLA-004

SHEET 239 OF 316

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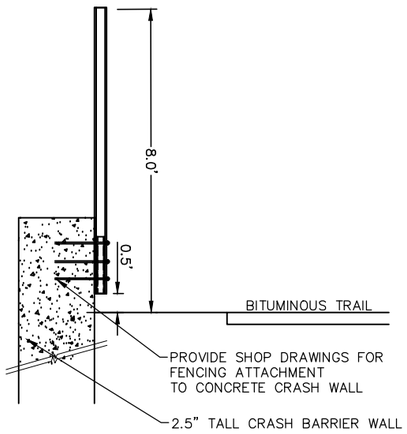
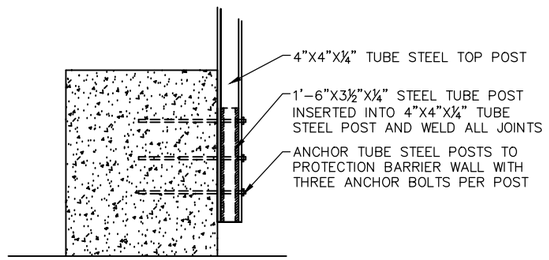


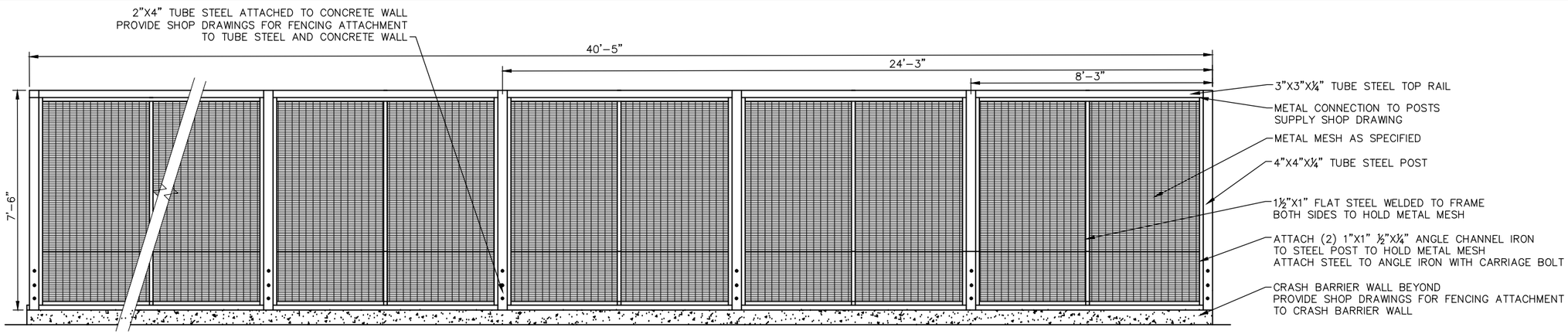
1 FENCE TYPE D – TUNNEL PORTALS
SCALE: 1"= 2'-0"

0 2' 4'
SCALE



2 FENCE TYPE D – TUNNEL PORTALS
SCALE: 1"= 2'-0"

0 2' 4'
SCALE



3 FENCE TYPE D – TUNNEL PORTALS
SCALE: 1"= 2'-0"

0 2' 4'
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN DETAILS
FENCE DETAILS 5

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-URD-DTLA-005

SHEET 240 OF 316

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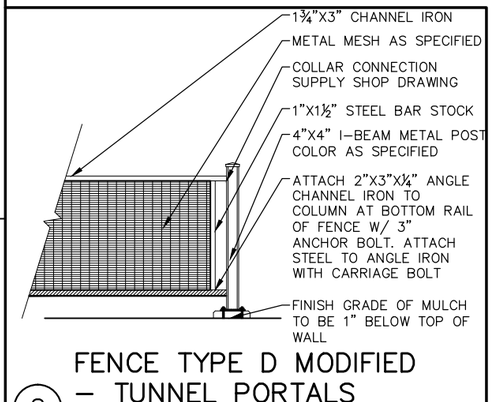
NOTES:
FABRICATOR TO SUPPLY SHOP DRAWINGS

FINISH:
- GRIND ALL WELDS
- HOT DIP GALVANIZE RAILS AND POSTS
- WASH WITH GALV-A-PREP (ETCH) & RINSE
- PAINT PRIME EPOXY RED 2 COMPONENT 1-1/2 2 MILLS DRY.
- PAINT FINISH ALIPHATIC URETHANE 2 COMPONENT 2-1/2 MILLS DRY COLOR AS DRIECTED BY LANDSCAPE ARCHITECT

1 FENCE TYPE D MODIFIED – TUNNEL PORTALS
SCALE: 1"= 2'-0"

0 2' 4'
SCALE



2 FENCE TYPE D MODIFIED – TUNNEL PORTALS
SCALE: 1"= 2'-0"

0 2' 4'
SCALE

3 FENCE TYPE E – SPLIT RAIL
SCALE: 1"= 2'-0"

0 2' 4'
SCALE

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN DETAILS
FENCE DETAILS 6

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-URD-DTLA-006

SHEET 241 OF 316

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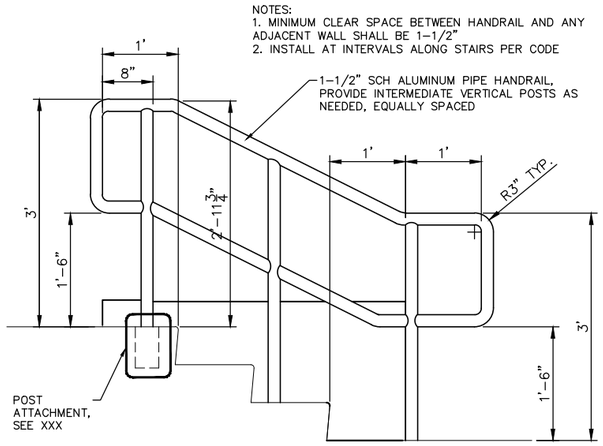
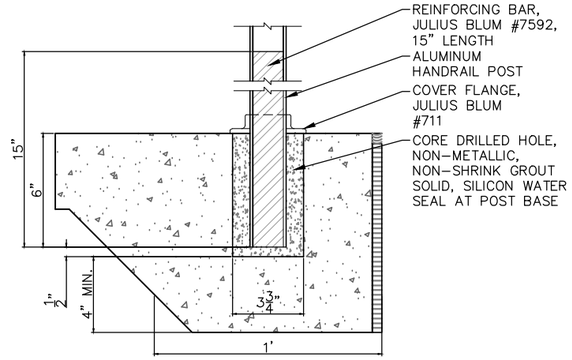
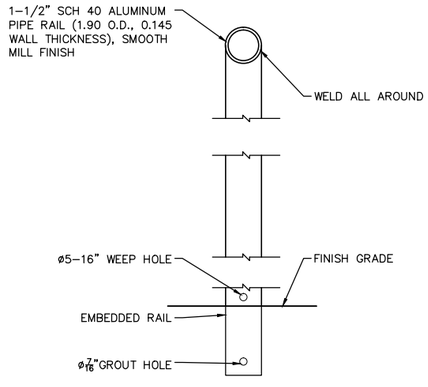


1 STEP HANDRAIL
NOT TO SCALE



2 POST ATTACHMENT
NOT TO SCALE



3 HANDRAIL: SECTION
NOT TO SCALE

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SOUTHWEST Green Line LRT Extension

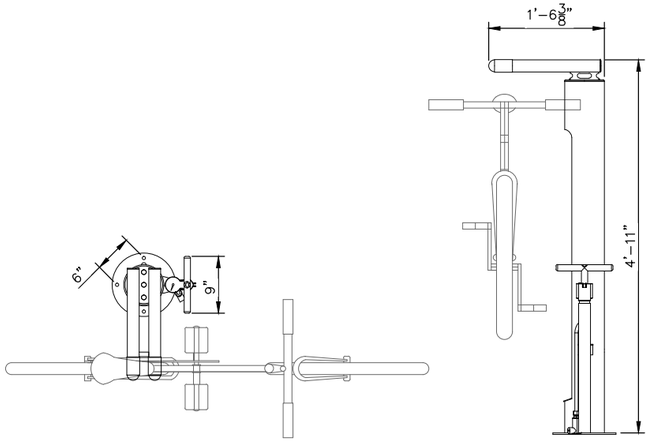
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
HANDRAIL DETAILS

DISCIPLINE: LANDSCAPE ARCH

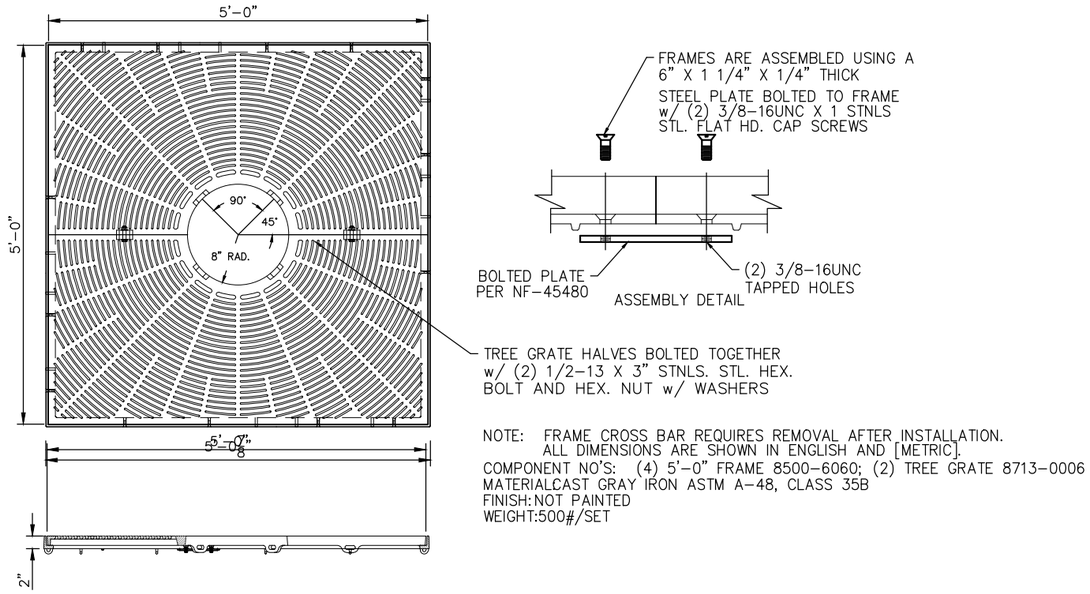
SHEET NAME: E0-URD-DTLA-007

SHEET 242 OF 316

Jan, 18 2016 07:35 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLA.dwg By: V-MozzetBR

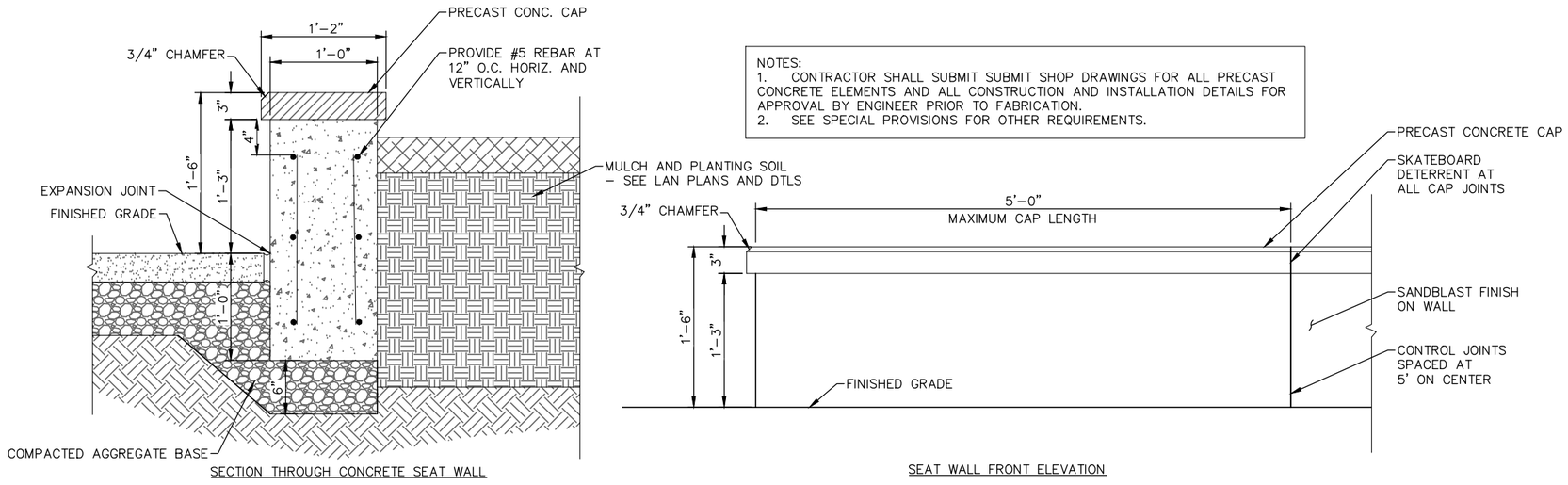


1 BIKE FIXIT STATION
NOT TO SCALE



NOTE: FRAME CROSS BAR REQUIRES REMOVAL AFTER INSTALLATION.
ALL DIMENSIONS ARE SHOWN IN ENGLISH AND [METRIC].
COMPONENT NO'S: (4) 5'-0" FRAME 8500-6060; (2) TREE GRATE 8713-0006
MATERIALCAST GRAY IRON ASTM A-48, CLASS 35B
FINISH:NOT PAINTED
WEIGHT:500#/SET

3 TREE GRATE
NOT TO SCALE



2 CONCRETE SEAT WALL
NOT TO SCALE

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AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

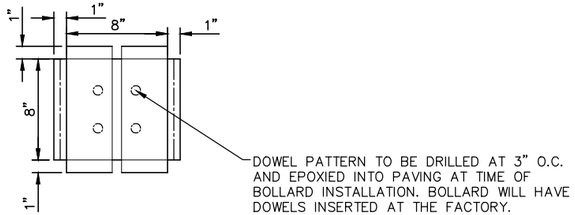
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
SITE FURNISHING DETAILS 1

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W0-URD-DTLC - 001

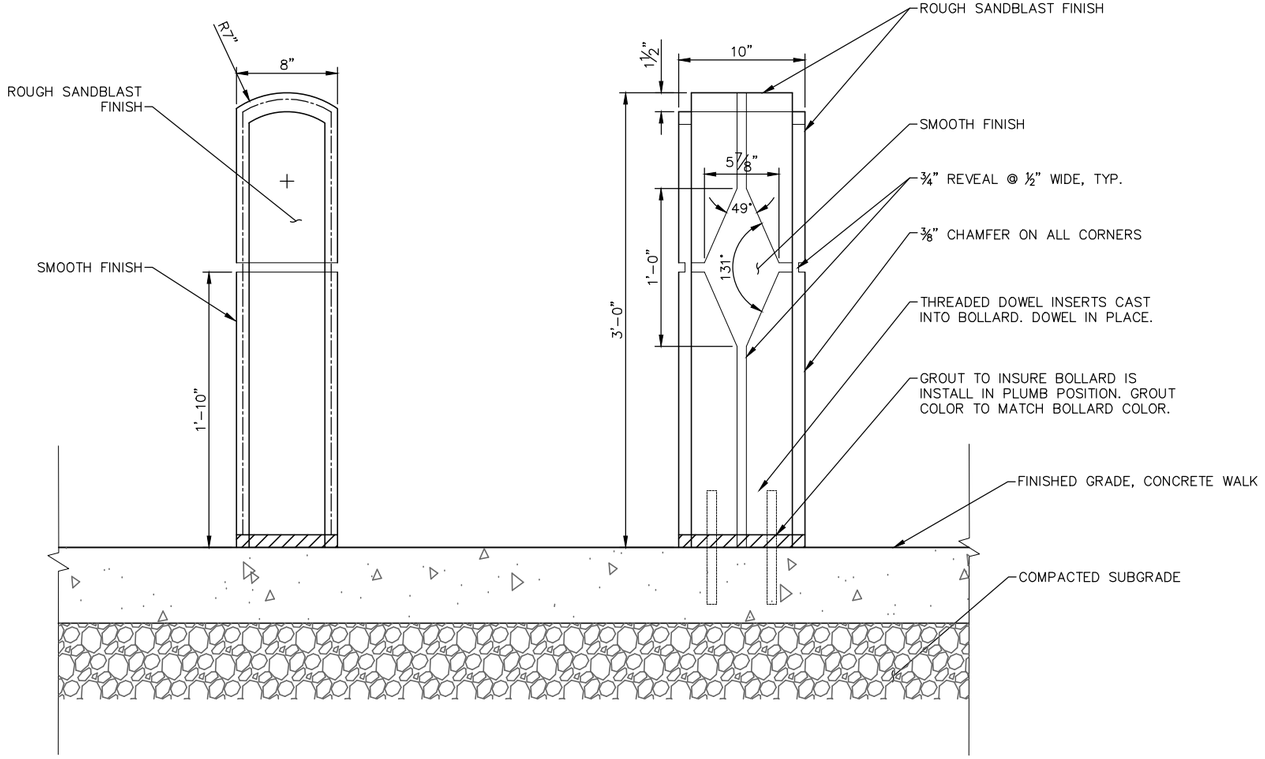
SHEET 243 OF 316

Jan, 19 2016 08:47 am V:\3400_ADC\CAD\OVERALL\PLAN SHEETS\LANDSCAPE\W0-URD-DTLC.dwg By: sjergens

NOTES TO CONTRACTOR:
1. COLORED CONCRETE:
   1.1. C–12 MESA BIEGE
   1.2. 4000 LBS CONC.
2. BOLLARDS AT MEDIAN ISLANDS TO BE PLACED 615MM BEHIND FACE OF CURB.
3. BOLLARDS ON CENTER OF MEDIANS TO BE TYPICALLY CENTERED BETWEEN CURBS OR AS SHOWN ON PLANS.
4. BOLLARDS TO BE ORIENTED WITH 10–INCH SIDE W/DIAMOND PATTERN PERPENDICULAR TO DRIVING LANES/TRAFFIC FLOW.
5. FABRICATOR TO SUPPLY SHOP DRAWINGS.



PLAN



ELEVATION

1 PRECAST CONCRETE BOLLARD

SCALE: 1" = 0'–6"

0 6" 12"
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN DETAILS
SITE FURNISHING DETAILS 2

DISCIPLINE: LANDSCAPE ARCH

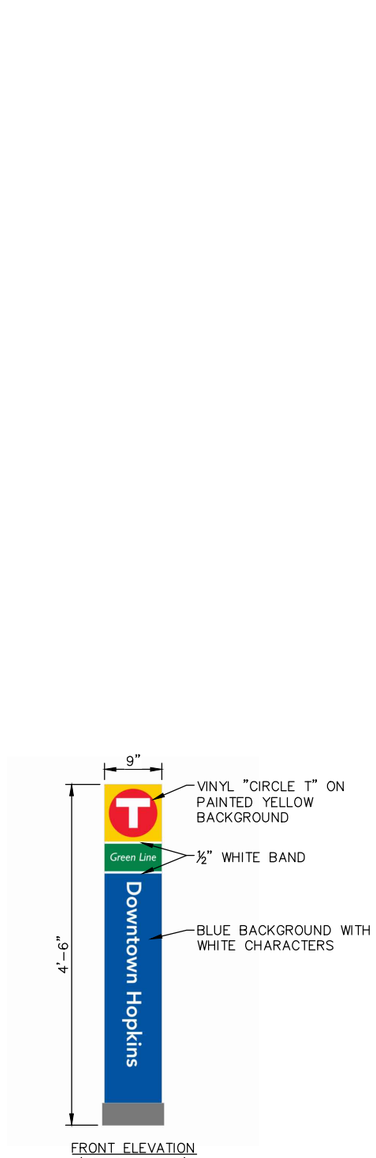
SHEET NAME: W0-URD-DTLC - 002

SHEET 244 OF 316

Jan, 18 2016 02:01 pm V:\3400_ADC\CAD\OVERALL\PLAN SHEETS\LANDSCAPE\W0-URD-DTLC.dwg By: V-MozzetBR

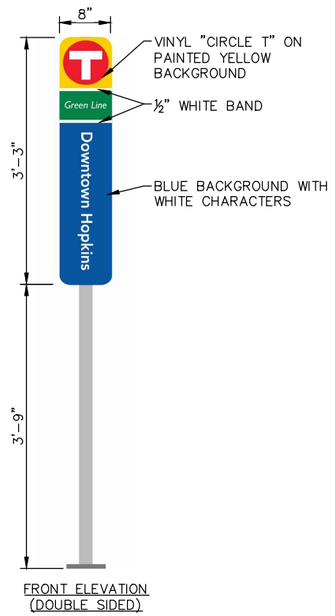
NOTES:
1. SEE SHEETS 245 TO 247 FOR SIGN COPY AND ARTWORK PER LOCATION AND SIGN TYPE
2. FACE OF SIGN BASE TO BE A MINIMUM OF 3' FROM THE EDGE OF DESIGNATED BIKE TRAILS
3. ONLY ONE METHOD OF LETTERING (PAINTED OR VINYL) WILL BE ALLOWED PER SIGN TYPE. ALL LETTERING SHALL BE PAINTED. LETTERING HIGHER THAN 8' ABOVE THE FINISHED GRADE SHALL BE EITHER APPLIED VINYL OR PAINTED ONTO THE ALUMINUM PANELS AT THE CONTRACTOR'S OPTION
4. FOR INSTALLATION IN EXISTING CONCRETE PAVEMENT, CUT & REMOVE CONCRETE SIDEWALK TO THE NEAREST CONSTRUCTION JOINT AND A MINIMUM OF 4'–0"x4'–0"
5. CONSTRUCT SONOTUBE FOUNDATION AS SHOWN. REMOVE EXPOSED SONOTUBE AFTER CONCRETE IS CURED
6. RECOMPACT CLASS 5 TO 98% STD. PROCTOR EFFECT
7. PROVIDE GRAFFITI COATING AS SPECIFIED
8. SIGN FRAMEWORK TO BE PLUMB IN ALL DIRECTIONS

LEGEND: XX–X
SITE IDENTIFICATION – SIGN TYPE



1 SIGN TYPE 1 ARTWORK
SCALE: 1"= 1'–0"

0 1' 2'
SCALE



2 SIGN TYPE 2 ARTWORK
SCALE: 1"= 1'–0"

0 1' 2'
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

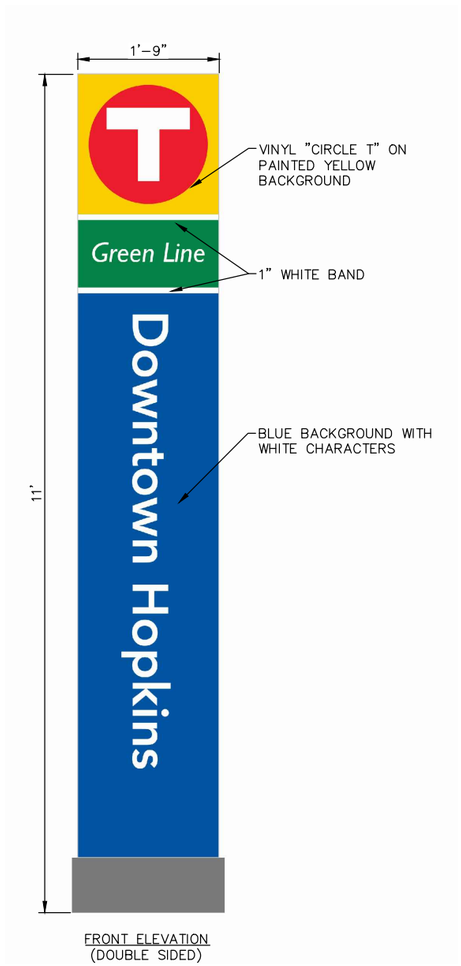
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
WAYFINDING DETAILS 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-URD-DTLD-001

SHEET 245 OF 316

Jan. 18 2016 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLD.dwg By: katie.leise



FRONT ELEVATION
(DOUBLE SIDED)

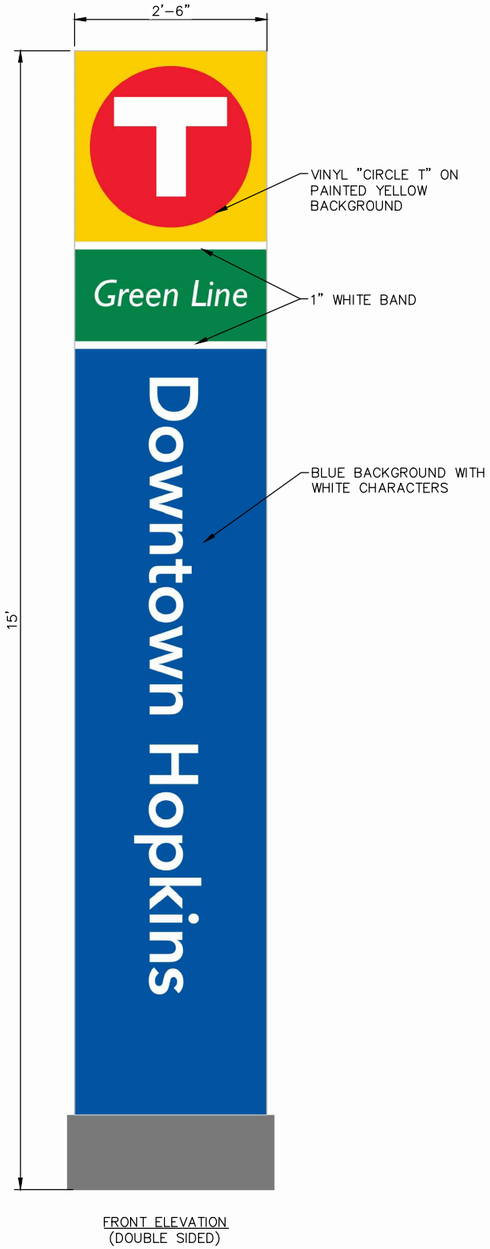


SIDE ELEVATION

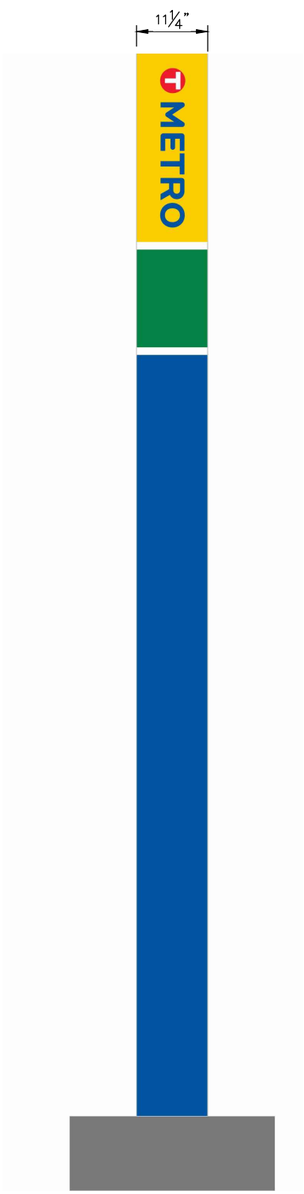
1 SIGN TYPE 3 ARTWORK

SCALE: 1"= 1'–0"

0 1' 2'
SCALE



FRONT ELEVATION
(DOUBLE SIDED)



SIDE ELEVATION

2 SIGN TYPE 4 ARTWORK

SCALE: 1"= 1'–0"

0 1' 2'
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN DETAILS
WAYFINDING DETAILS 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-URD-DTLD-002

SHEET 246 OF 316

Jan, 18 2016 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLD.dwg By: katie.ieise



FRONT ELEVATION
(DOUBLE SIDED)

SIDE ELEVATION

1 SIGN TYPE 5 ARTWORK

SCALE: 1"= 2'-0"

0 2' 4'
SCALE

Wayfinding Sign Schedule

SIGN TYPE	SITE LOCATION	QTY.	PANEL A	PANEL B	PANEL C	PANEL D
SW-2	Southwest Station	3	Southwest		Southwest	
GT-4	Golden Triangle Station	1	Golden Triangle	Metro	Golden Triangle	Metro
CW-5	City West Station	1	City West	Metro	City West	Metro
OP-1	Opus Station	1	Opus		Opus	
OP-2	Opus Station	3	Opus		Opus	
OP-5	Opus Station	1	Opus	Metro	Opus	Metro
SS-1	Shady Oak Station	2	Shady Oak		Shady Oak	
SS-2	Shady Oak Station	1	Shady Oak		Shady Oak	
SS-4	Shady Oak Station	4	Shady Oak	Metro	Shady Oak	Metro
DH-1	Downtown Hopkins	2	Downtown Hopkins		Downtown Hopkins	
DH-3	Downtown Hopkins	1	Downtown Hopkins	Metro	Downtown Hopkins	Metro
BS-2	Blake Station	3	Blake		Blake	
BS-3	Blake Station	1	Blake	Metro	Blake	Metro
LS-1	Louisiana Station	1	Louisiana		Louisiana	
LS-2	Louisiana Station	1	Louisiana		Louisiana	
LS-4	Louisiana Station	1	Louisiana	Metro	Louisiana	Metro
WS-1	Wooddale Station	1	Wooddale		Wooddale	
WS-2	Wooddale Station	3	Wooddale		Wooddale	
WS-3	Wooddale Station	1	Wooddale	Metro	Wooddale	Metro
BL-2	Beltline Station	4	Beltline		Beltline	
BL-4	Beltline Station	1	Beltline	Metro	Beltline	Metro
WL-1	West Lake Station	2	West Lake		West Lake	
WL-2	West Lake Station	1	West Lake		West Lake	
WL-3	West Lake Station	1	West Lake	Metro	West Lake	Metro
TS-1	21st Street Station	3	21st Street		21st Street	
PS-1	Penn Station	3	Penn		Penn	
PS-4	Penn Station	1	Penn	Metro	Penn	Metro
VW-2	Van White Station	4	Van White		Van White	
VW-3	Van White Station	1	Van White	Metro	Van White	Metro
RS-2	Royalston Station	3	Royalston		Royalston	
RS-3	Royalston Station	1	Royalston	Metro	Royalston	Metro

2 WAFINDING SIGN SCHEDULE

NOT TO SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

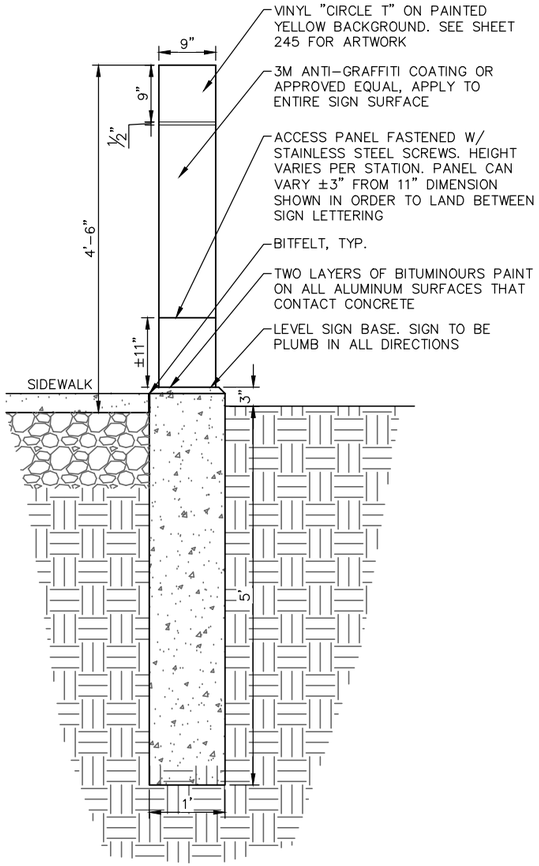
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
WAYFINDING DETAILS 3

DISCIPLINE: LANDSCAPE ARCH

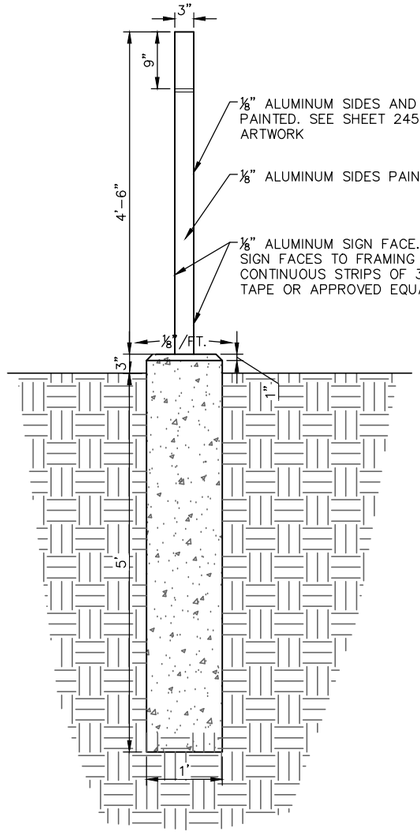
SHEET NAME: E0-URD-DTLD-003

SHEET 247 OF 316

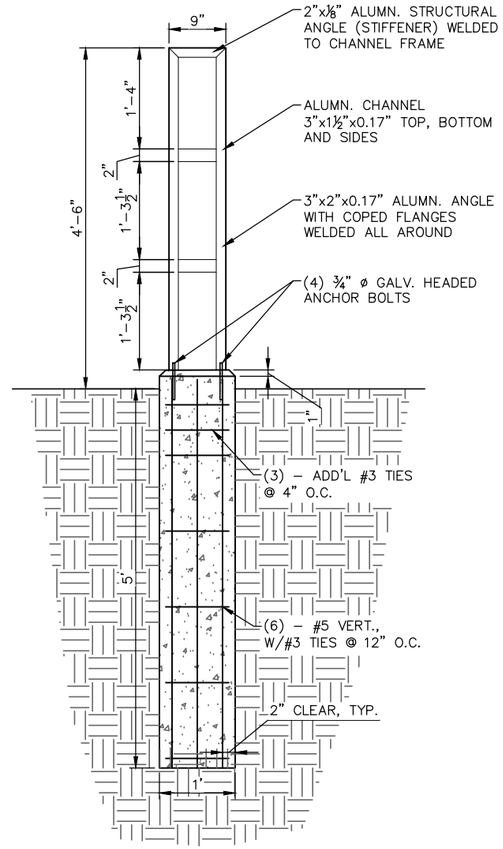
Jan, 18 2016 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLD.dwg By: katie.leise



FRONT ELEVATION–SIGN PANELS A & C



SIDE ELEVATION–SIGN PANELS B & D

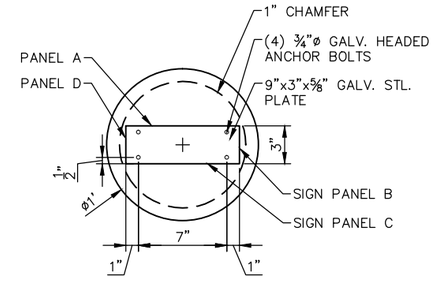


FRAMING SECTION

1 SIGN TYPE 1

SCALE: 1" = 1'-0"

0 1' 2'
SCALE

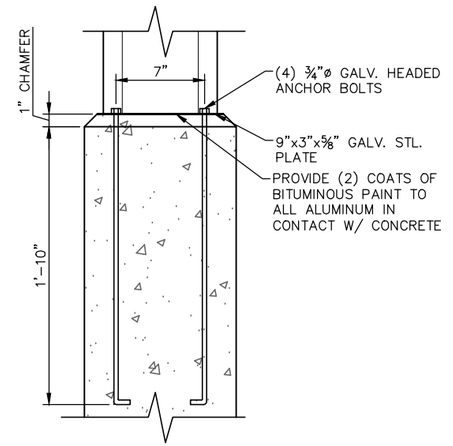


PLAN VIEW

2 SIGN TYPE 1 BASE PLATE

SCALE: 1" = 0'-6"

0 6" 12"
SCALE



3 SIGN TYPE 1 MOUNTING DETAIL

SCALE: 1" = 0'-6"

0 6" 12"
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

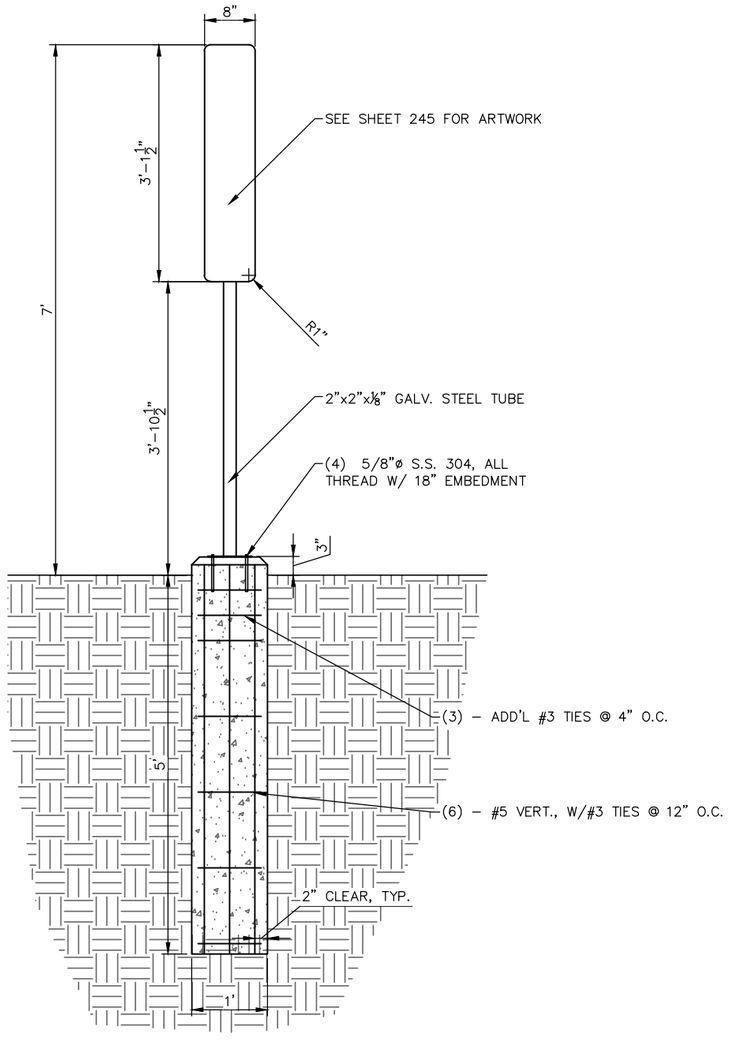
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
WAYFINDING DETAILS 4

DISCIPLINE: LANDSCAPE ARCH

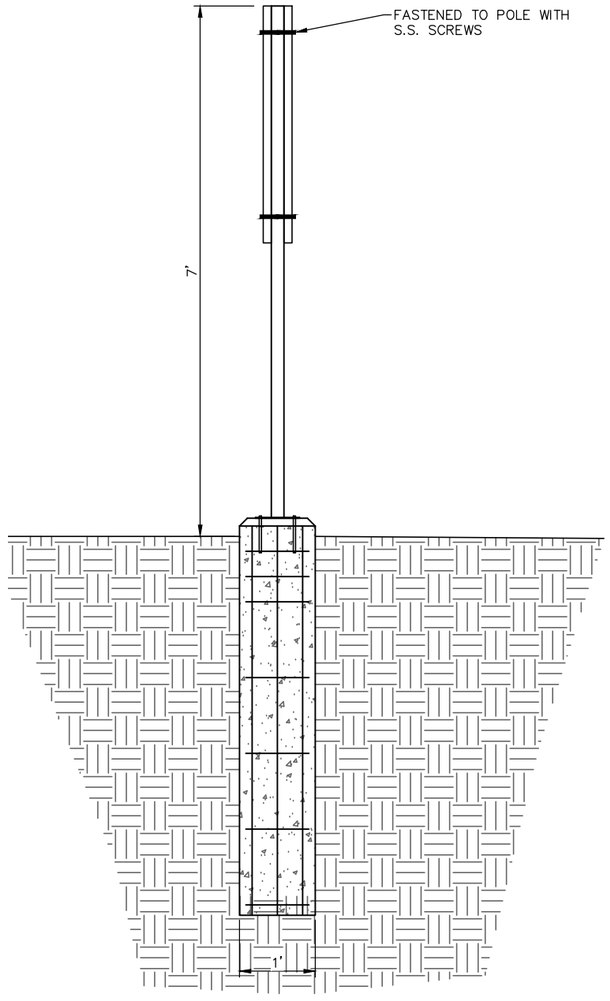
SHEET NAME: E0-URD-DTLD-004

SHEET 248 OF 316

Jan, 18 2016 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLD.dwg By: katie.leise



ELEVATION

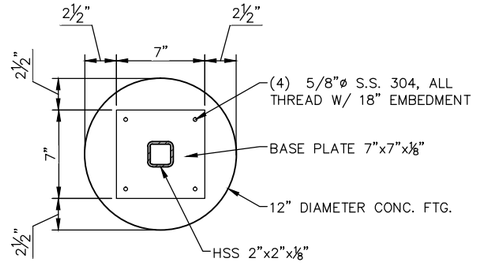


SIDE ELEVATION

1 SIGN TYPE TYPE 2

SCALE: 1"= 1'–0"

0 1' 2'
SCALE

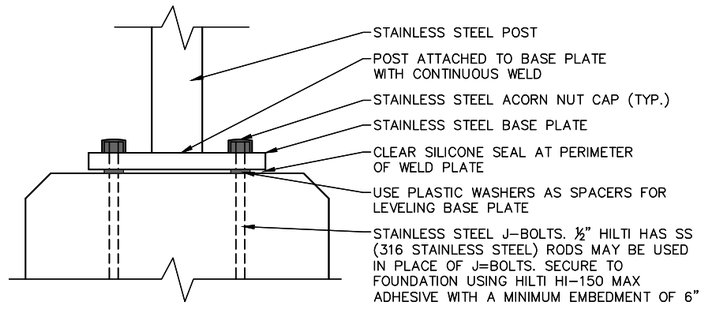


PLAN VIEW

2 SIGN TYPE 2 BASE PLATE

SCALE: 1" = 0'–6"

0 6" 12"
SCALE



3 SIGN TYPE 2 MOUNTING DETAIL

SCALE: 1" = 0'–6"

0 6" 12"
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

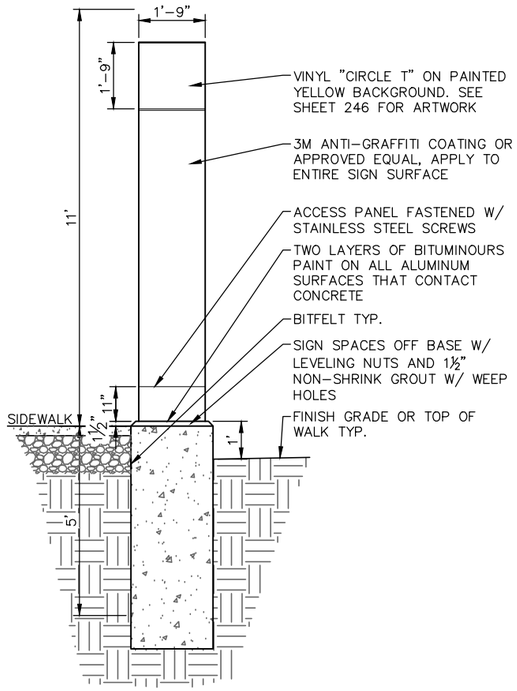
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
WAYFINDING DETAILS 5

DISCIPLINE: LANDSCAPE ARCH

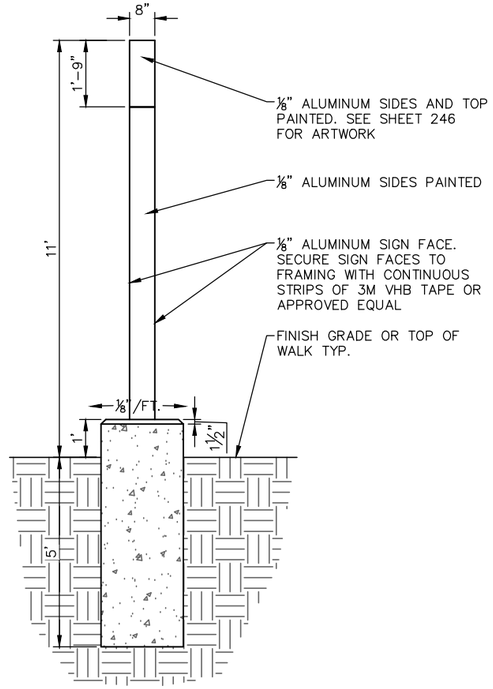
SHEET NAME: E0-URD-DTLD-005

SHEET 249 OF 316

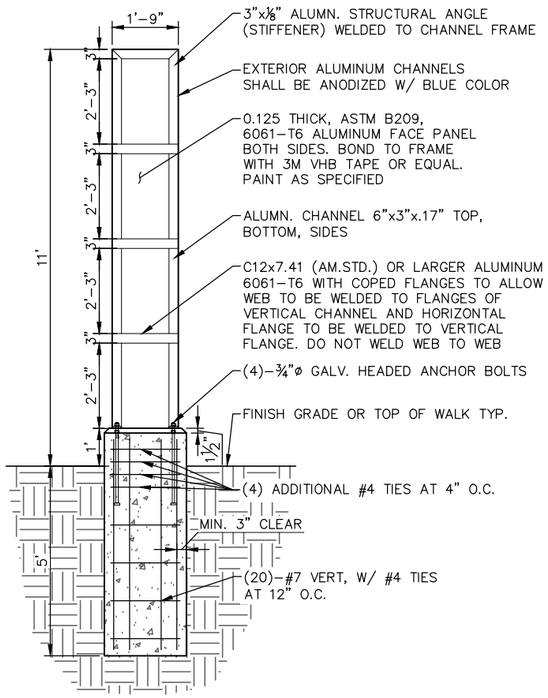
Jan, 18 2016 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLD.dwg By: katie.leise



FRONT ELEVATION–PANELS A & C



SIDE ELEVATION–SIGN PANELS B & D

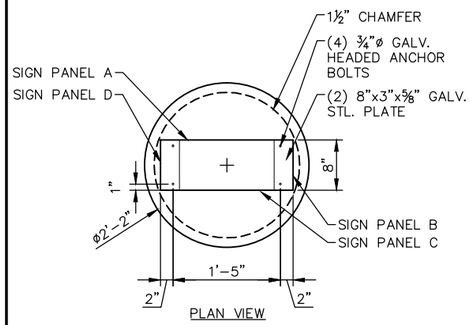


FRAMING SECTION

1 SIGN TYPE 3

SCALE: 1"= 2'-0"

0 2' 4'
SCALE

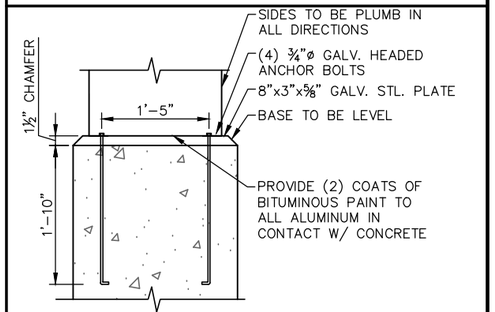


PLAN VIEW

2 SIGN TYPE 3 BASE PLATE

SCALE: 1"= 1'-0"

0 1' 2'
SCALE



3 SIGN TYPE 3 MOUNTING DETAIL

SCALE: 1"= 1'-0"

0 1' 2'
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

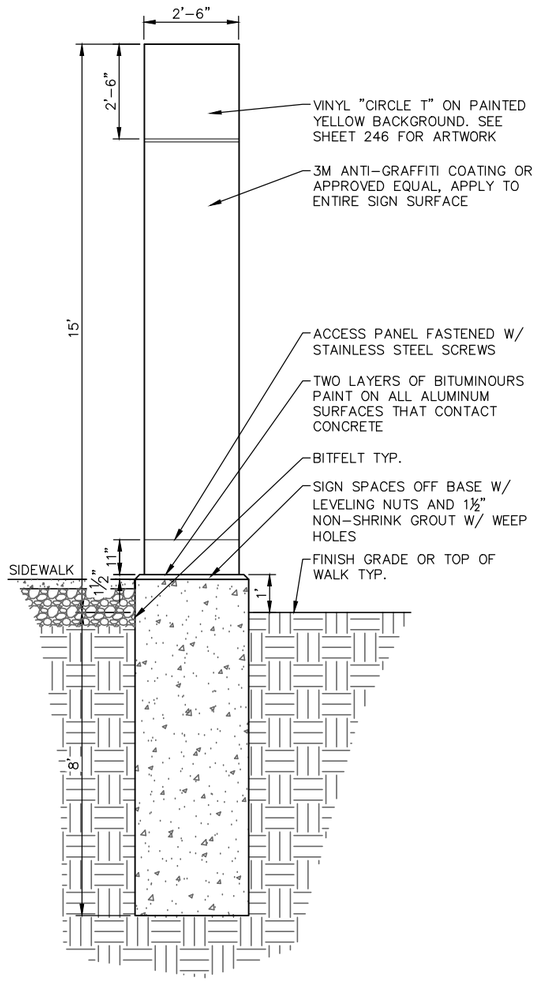
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
WAYFINDING DETAILS 6

DISCIPLINE: LANDSCAPE ARCH

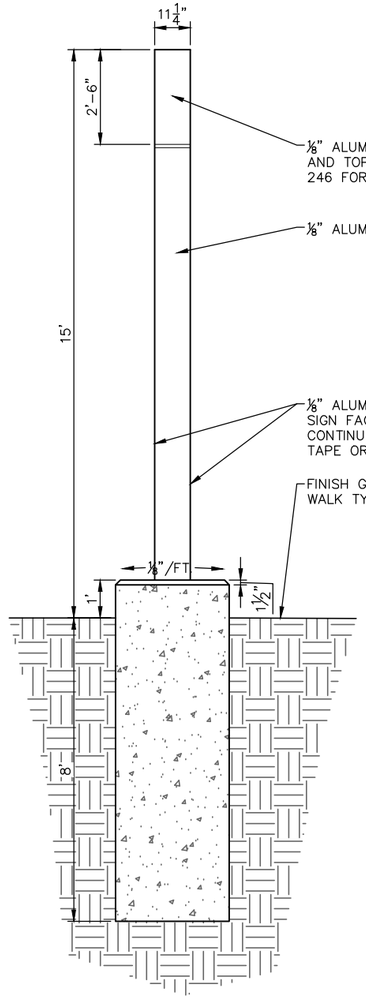
SHEET NAME: E0-URD-DTLD-006

SHEET 250 OF 316

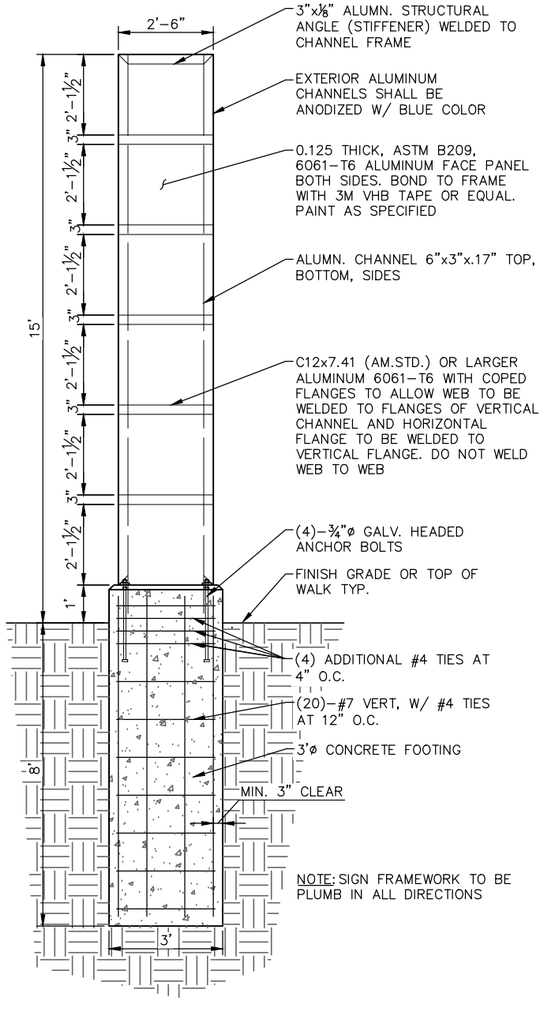
Jan, 18 2016 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLD.dwg By: katie.leise



FRONT ELEVATION–SIGN PANELS A & C



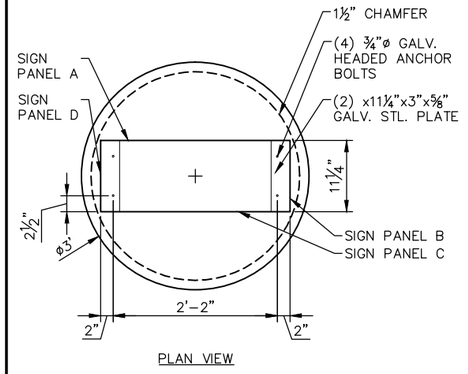
SIDE ELEVATION–SIGN PANELS B & D



SIGN TYPE S4 FRAME DETAIL

1 SIGN TYPE 4
SCALE: 1"= 2'-0"

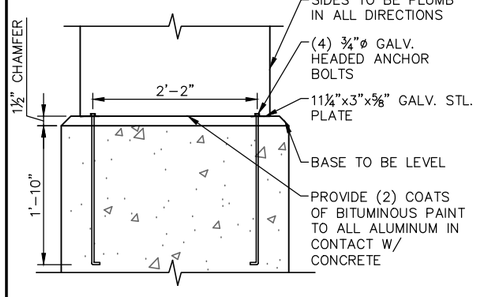
0 2' 4'
SCALE



PLAN VIEW

2 SIGN TYPE 4 BASE PLATE
SCALE: 1"= 1'-0"

0 1' 2'
SCALE



3 SIGN TYPE 4 MOUNTING DETAIL
SCALE: 1"= 1'-0"

0 1' 2'
SCALE

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90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

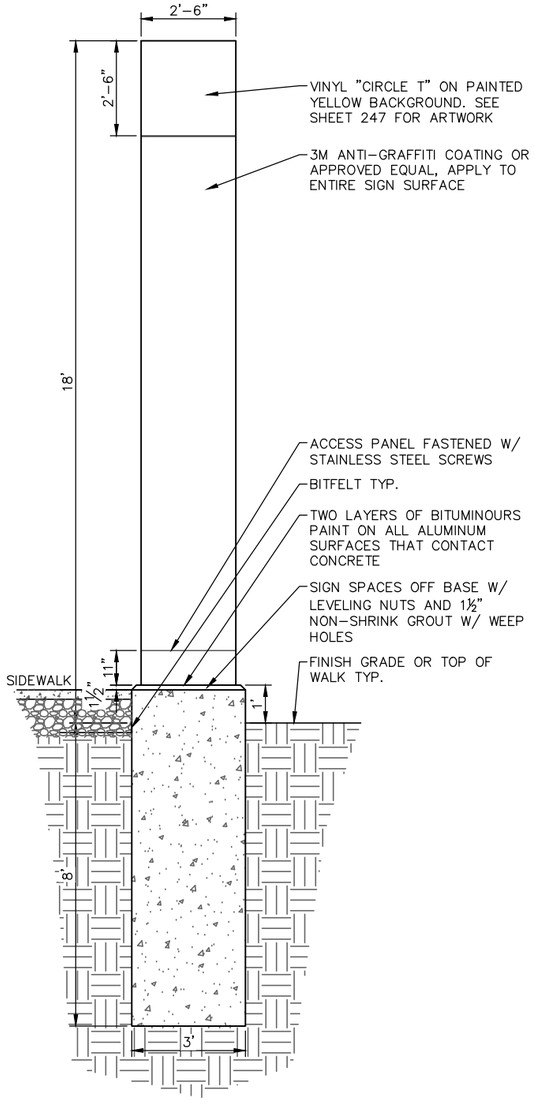
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
WAYFINDING DETAILS 7

DISCIPLINE: LANDSCAPE ARCH

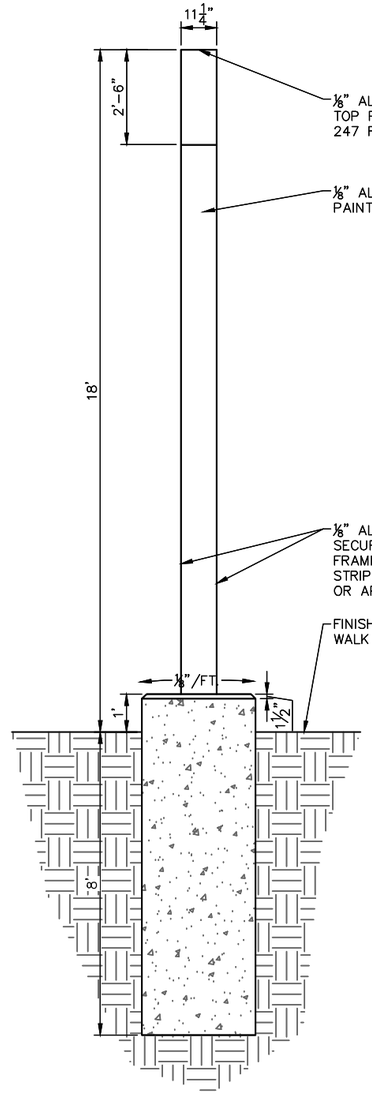
SHEET NAME: E0-URD-DTLD-007

SHEET 251 OF 316

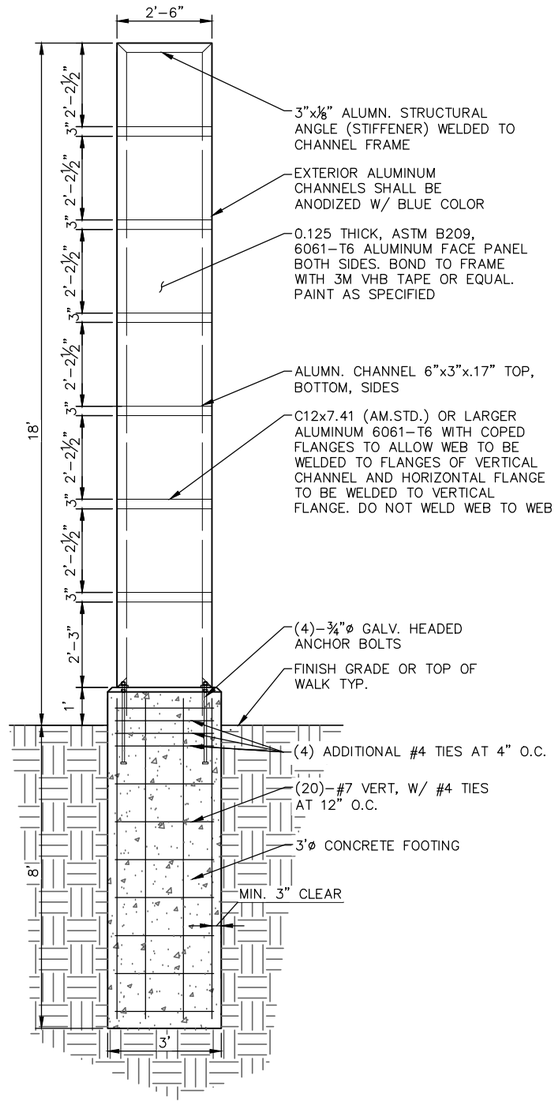
Jan, 18 2016 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLD.dwg By: katie.leise



FRONT ELEVATION-SIGN PANELS A & C



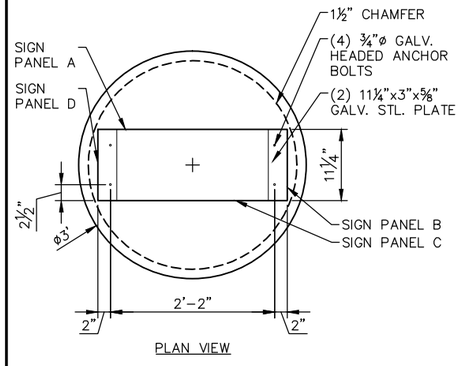
SIDE ELEVATION-SIGN PANELS B & D



FRAMING SECTION

1 SIGN TYPE 5
SCALE: 1"= 2'-0"

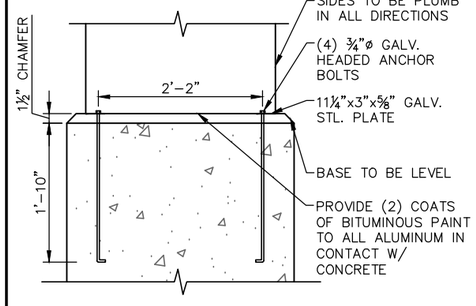
0 2' 4'
SCALE



PLAN VIEW

2 SIGN TYPE 5 BASE PLATE
SCALE: 1"= 1'-0"

0 1' 2'
SCALE



3 SIGN TYPE 5 MOUNTING DETAIL
SCALE: 1"= 1'-0"

0 1' 2'
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

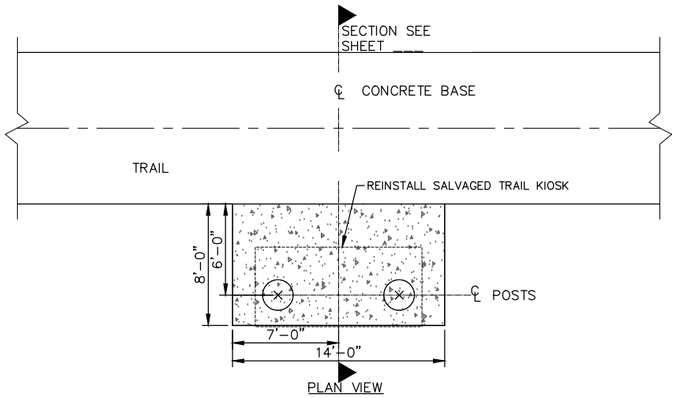
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
WAYFINDING DETAILS 8

DISCIPLINE: LANDSCAPE ARCH

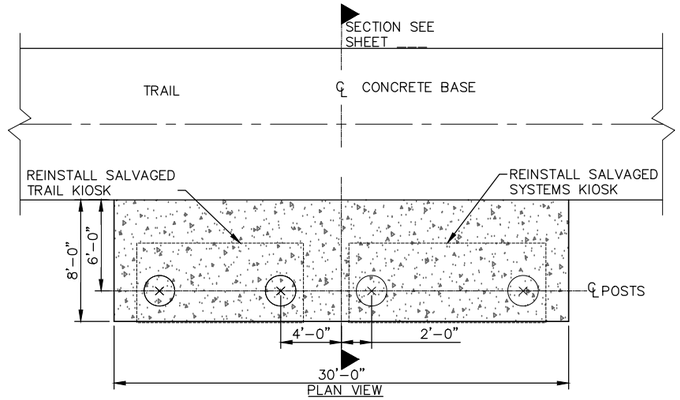
SHEET NAME: E0-URD-DTLD-008

SHEET 252 OF 316

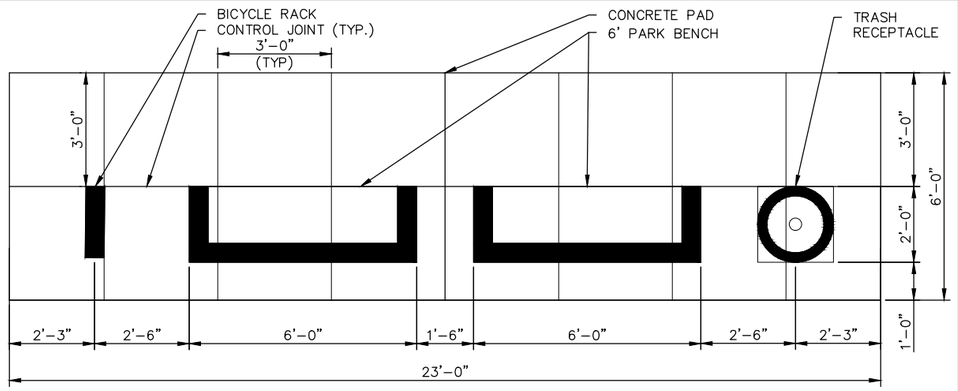
Jan, 18 2016 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLD.dwg By: katie.leise



1 TRAIL KIOSK CONCRETE BASE SLAB
NOT TO SCALE



2 SYSTEM AND TRAIL KIOSK CONCRETE BASE SLAB
NOT TO SCALE



3 REST AREA CONCRETE BASE SLAB
NOT TO SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

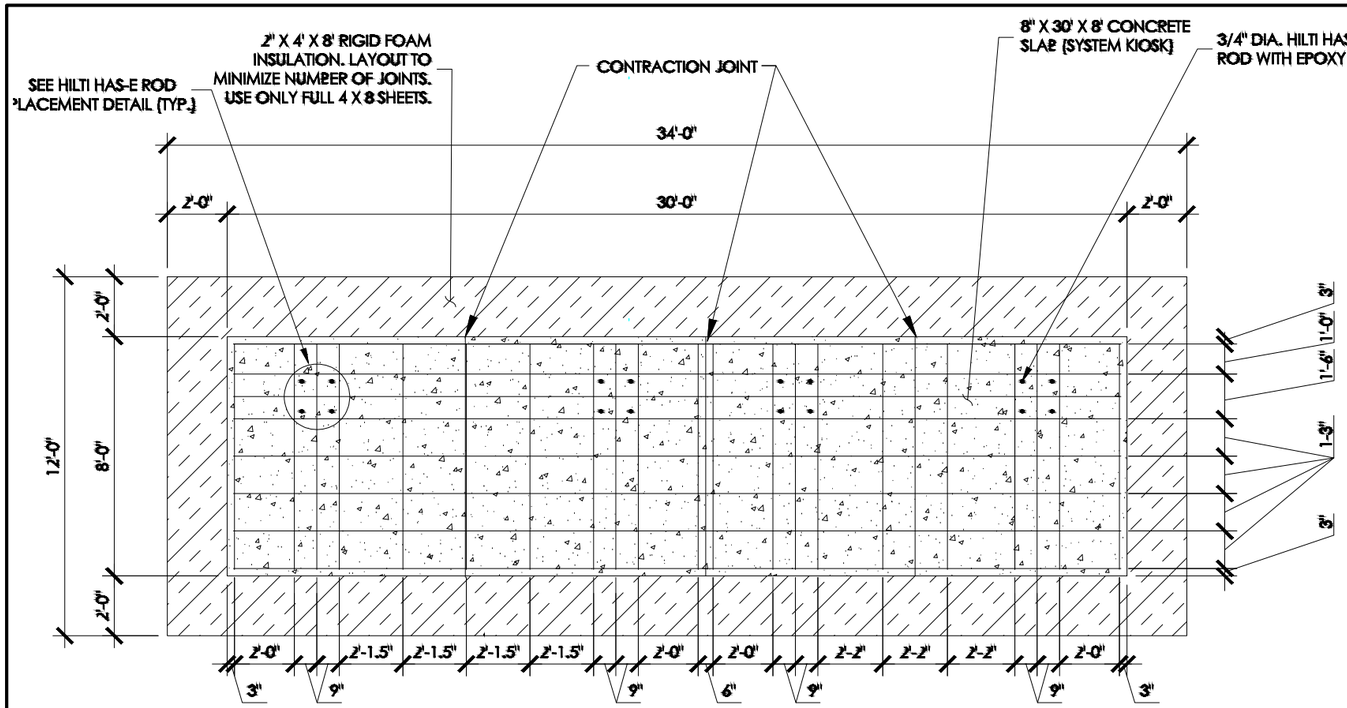
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
TRAIL SIGNAGE DETAILS 1

DISCIPLINE: LANDSCAPE ARCH

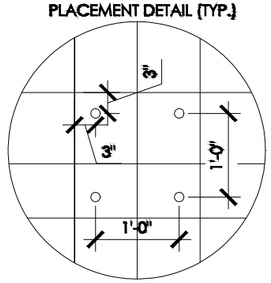
SHEET NAME: E0-URD-DTLE-001

SHEET 253 OF 316

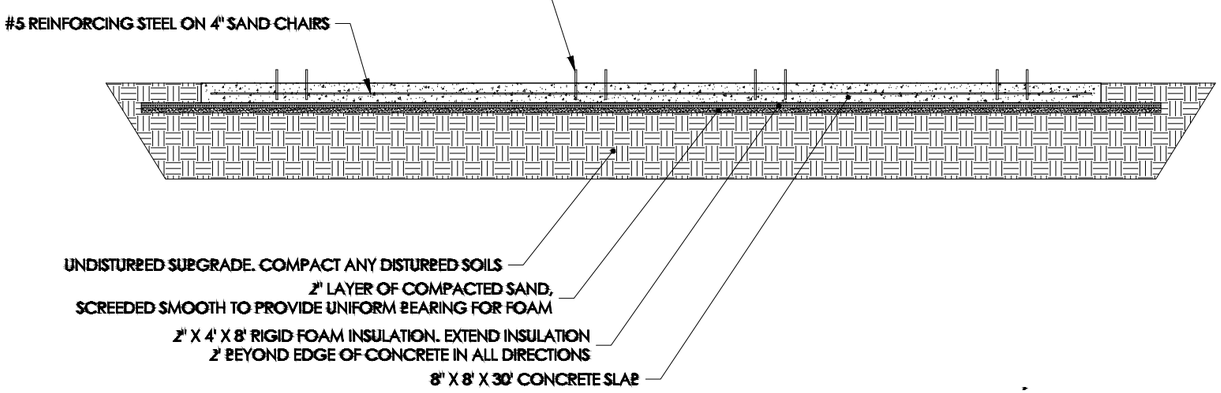
Jan. 18 2016 07:53 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLE.dwg By: V-MozzetBR



NOTE:
AT EXISTING PAVED TRAIL, CONTRACTOR SHALL PROVIDE STRAIGHT SAWCUT EDGE ALONG BITUMINOUS PAVEMENT AND ELIMINATE 2'-0" OF INSULATION ALONG THE EDGE OF TRAIL.



NOTES:
1. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS.
2. ALL REBAR STEEL TO BE EPOXY COATED AND PLACED ON 4" SAN CHAIRS.
3. CONCRETE MIX TO MnDOT 4000 PSI, 6% AIR ENTRAINMENT, .45 WATER MAXIMUM.
4. CONCRETE SLAB TO HAVE A LIGHT BROOM FINISH, TOOLED EDGES, WITH A CONTINUOUS 1/2" RADIUS.
5. RIGID FOAM INSULATION TO BE ASTM-C578-9, TYPE IV, EPS WITH MIN. 25 PSI COMPRESSIVE STRENGTH. FULL 4x8 SHEETS REQUIRED.
6. CONCRETE TO BE CURED AND SEALED.
7. PROVIDE ONE SET OF CONCRETE CYLINDERS FOR TESTING.
8. ALLOW SEVEN DAYS FOR CURING OF CONCRETE BEFORE INSTALLING HILTI BOLTS. BOLT HOLES TO BE DRILLED USING PERCUSSION BIT, WIRE BRUSHED, AND AIR BLOWN (OIL FREE SOURCE) CLEAN OF ALL DEBRIS.
9. CONTRACTOR TO STAKE KIOSK BASE IN FIELD AND COORDINATE WITH PROJECT ENGINEER THE ELEVATION OF THE TOP SLAB PRIOR TO BEGINNING EXCAVATION. SLOPE ON CONCRETE SLAB TO BE 2%, FRONT TO BACK.
10. COORDINATE FINAL PLACEMENT OF HILTI BOLTS WITH KIOSK INSTALLER PRIOR TO DRILLING CONCRETE. CREATE/UTILIZE BOLT PLATE TEMPLATE FROM INDIVIDUAL SALVAGED KIOSKS.
11. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED AND DISPOSED OF BY CONTRACTOR OFFSITE AT THEIR EXPENSE.
12. CONTRACTOR SHALL ERECT WARNING SIGNS AND GUARD AS NEEDED TO PROTECT NEWLY POURED CONCRETE FROM TRAFFIC AND DEFACEMENT UNTIL CURED.
13. CONTRACTOR SHALL COORDINATE WITH OWNER FOR DETOURING OF TRAIL TRAFFIC DURING ALL PHASES OF CONSTRUCTION.



1 KIOSK CONCRETE BASE SLAB
NOT TO SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

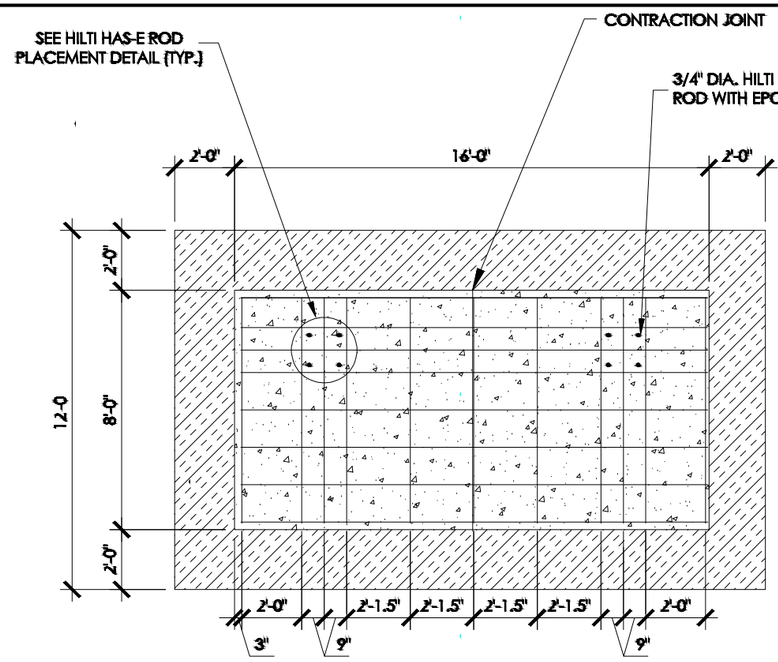
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
TRAIL SIGNAGE DETAILS 2

DISCIPLINE: LANDSCAPE ARCH

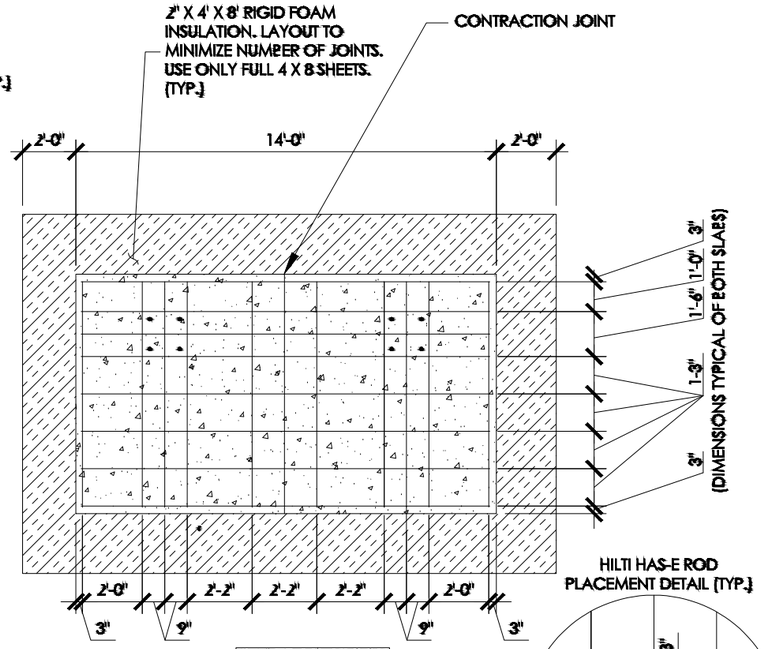
SHEET NAME: E0-URD-DTLE-002

SHEET 254 OF 316

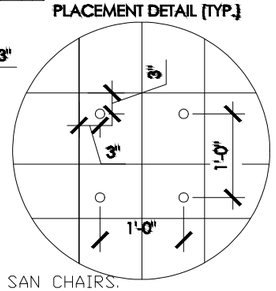
Jan, 18 2016 08:19 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLE.dwg By: V-MozzetBR

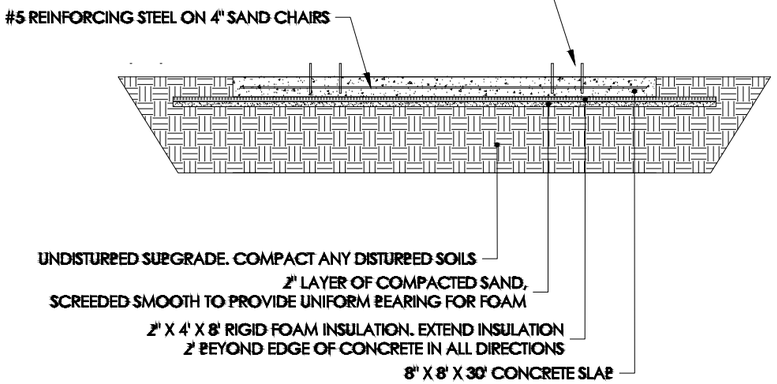


SPECIAL 4/4 KIOSK



2/4 TRAIL KIOSK





NOTES:

1. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS.
2. ALL REBAR STEEL TO BE EPOXY COATED AND PLACED ON 4" SAN CHAIRS.
3. CONCRETE MIX TO MnDOT 4000 PSI, 6% AIR ENTRAINMENT, .45 WATER MAXIMUM.
4. CONCRETE SLAB TO HAVE A LIGHT BROOM FINISH, TOOLED EDGES, WITH A CONTINUOUS 1/2" RADIUS.
5. RIGID FOAM INSULATION TO BE ASTM-C578-9, TYPE IV, EPS WITH MIN. 25 PSI COMPRESSIVE STRENGTH. FULL 4x8 SHEETS REQUIRED.
6. CONCRETE TO BE CURED AND SEALED.
7. PROVIDE ONE SET OF CONCRETE CYLINDERS FOR TESTING.
8. ALLOW SEVEN DAYS FOR CURING OF CONCRETE BEFORE INSTALLING HILTI BOLTS. BOLT HOLES TO BE DRILLED USING PERCUSSION BIT, WIRE BRUSHED, AND AIR BLOWN (OIL FREE SOURCE) CLEAN OF ALL DEBRIS.
9. CONTRACTOR TO STAKE KIOSK BASE IN FIELD AND COORDINATE WITH PROJECT ENGINEER THE ELEVATION OF THE TOP SLAB PRIOR TO BEGINNING EXCAVATION. SLOPE ON CONCRETE SLAB TO BE 2%, FRONT TO BACK.
10. COORDINATE FINAL PLACEMENT OF HILTI BOLTS WITH KIOSK INSTALLER PRIOR TO DRILLING CONCRETE. CREATE/UTILIZE BOLT PLATE TEMPLATE FROM INDIVIDUAL SALVAGED KIOSKS.
11. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED AND DISPOSED OF BY CONTRACTOR OFFSITE AT THEIR EXPENSE.
12. CONTRACTOR SHALL ERECT WARNING SIGNS AND GUARD AS NEEDED TO PROTECT NEWLY POURED CONCRETE FROM TRAFFIC AND DEFACEMENT UNTIL CURED.
13. CONTRACTOR SHALL COORDINATE WITH OWNER FOR DETOURING OF TRAIL TRAFFIC DURING ALL PHASES OF CONSTRUCTION.

1 CONCRETE KIOSK BASE SLAB DETAIL

NOT TO SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

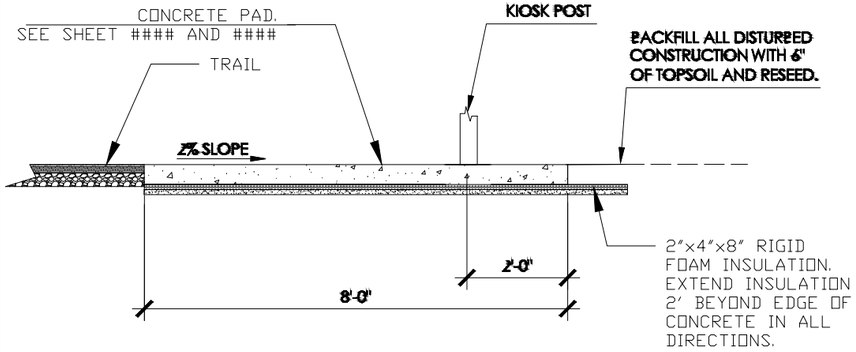
CIVIL - VOLUME 9
URBAN DESIGN DETAILS
TRAIL SIGNAGE DETAILS 3

DISCIPLINE: LANDSCAPE ARCH

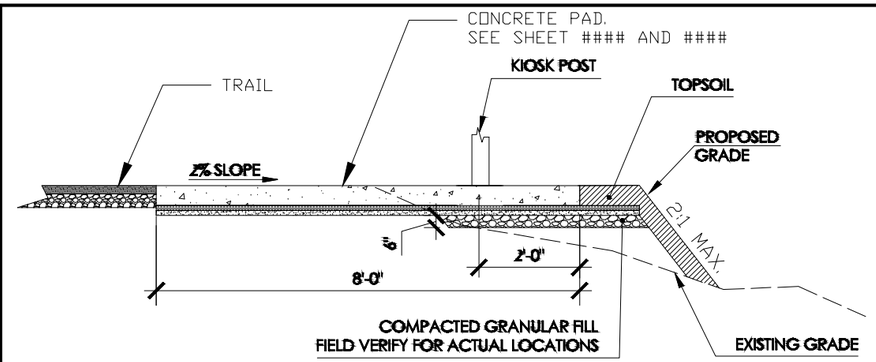
SHEET NAME: E0-URD-DTLE-003

SHEET 255 OF 316

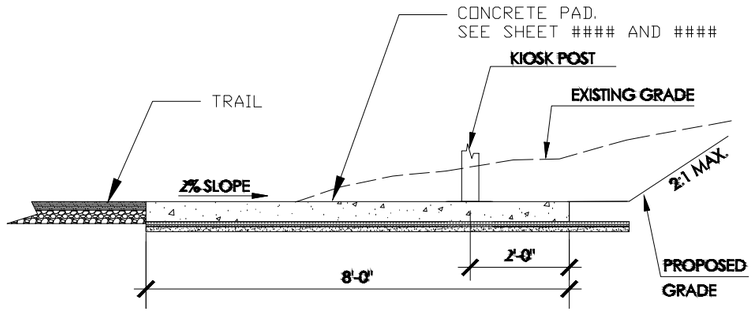
Jan, 18 2016 08:18 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLE.dwg By: V-MozzetBR



1 CONCRETE KIOSK BASE SLAB DETAIL
NOT TO SCALE



2 CONCRETE KIOSK FILL SECTION
NOT TO SCALE



3 CONCRETE KIOSK CUT SLOPE SECTION
NOT TO SCALE

NOTES:
1. ELEVATION OF TOP OF CONCRETE SLAB SHALL BE LEVEL WITH THE SURFACE OF THE TRAIL (TYP.)
2. BACKFILL ALL DISTURBED CONSTRUCTION WITH 6" OF TOPSOIL AND RESEED.
3. CONCRETE SLAB IS TO SLOPE AWAY FROM TRAIL AT 2%
4. SEE SHEETS #### AND #### FOR TYPICAL SECTION FOR CONCRETE SLAB.
5. IN FILL SITUATIONS, USE COMPACTED CRUSHED CLASS 5 AGGREGATE TO A MINIMUM DEPTH OF 6" BELOW SAND BEDDING.

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN DETAILS
TRAIL SIGNAGE DETAILS 4

DISCIPLINE: LANDSCAPE ARCH

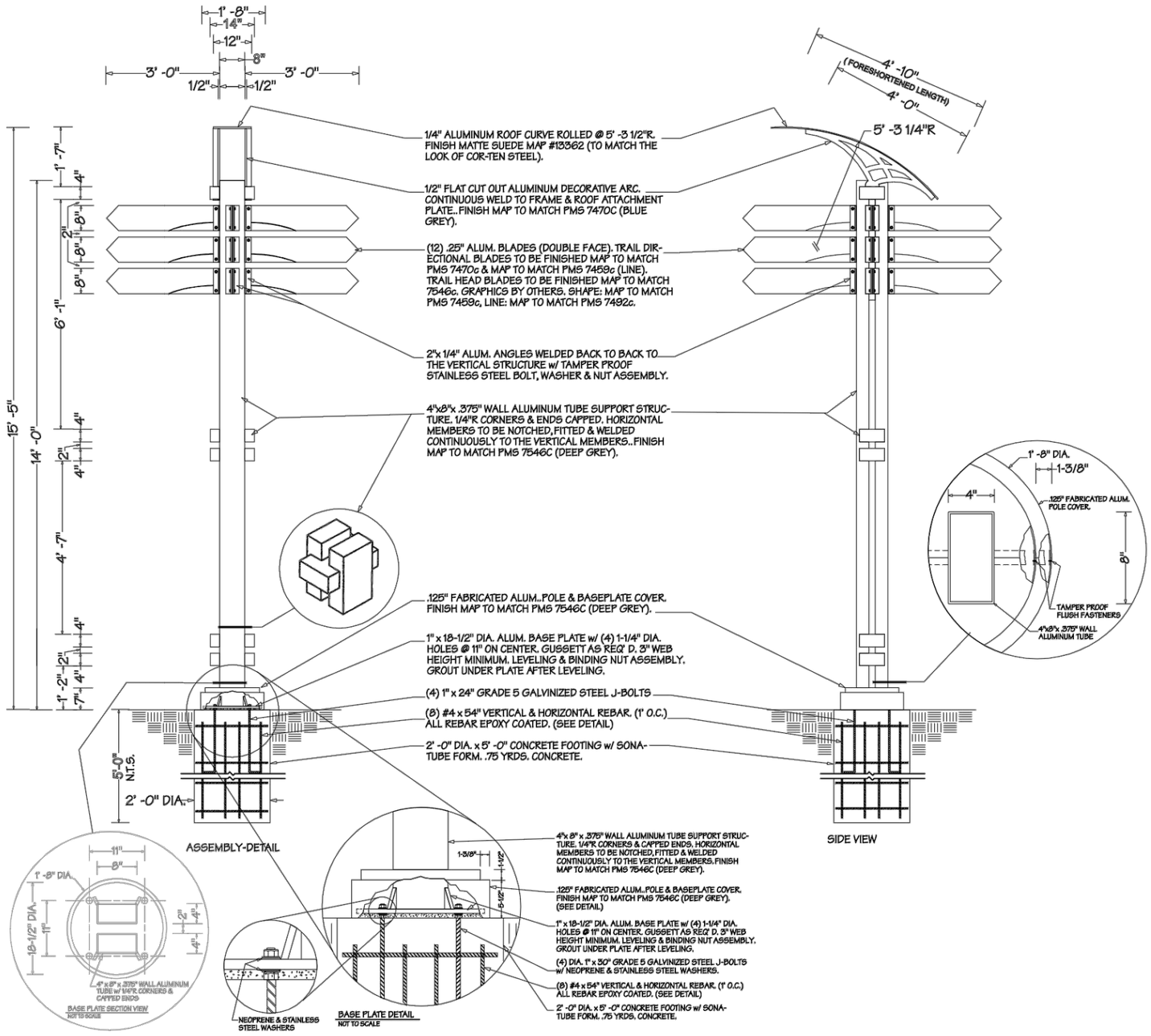
SHEET NAME: E0-URD-DTLE-004

SHEET 256 OF 316

Jan, 18 2016 08:17 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLE.dwg By: V-MozzetBR

Sign Specifications:

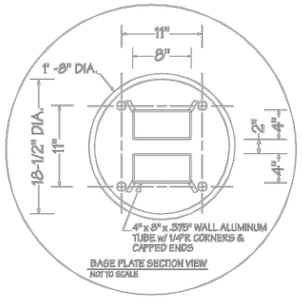
Non Illuminated
Trailhead Directional Signs
pole mounted



1 KIOSK DIRECTIONAL SIGN CONCRETE BASE AND POLE
NOT TO SCALE

Sign Specifications:

Orient the Sign Base Plate to the Trail as Shown.



Trail

2 SIGN BASE PLATE—ORIENT PLATE TO TRAIL AS SHOWN
NOT TO SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
URBAN DESIGN DETAILS
TRAIL SIGNAGE DETAILS 5

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-URD-DTLE-005

SHEET 257 OF 316

Jan, 18 2016 07:59 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E0-URD-DTLE.dwg By: V-MozzetBR

NOTES:

MATCHLINE SHEET 2 OF 2

SW TRANSIT BUS STATION

℄ BUS RAMP

℄ TRACK 1

℄ TRACK 2

13+08

2078+00

2077+94

240+00

PROP ROW

8' WALK

TECHNOLOGY DR

440+00

PROPOSED BMP

EX ROW

2–XX

3–XX

13' WALK

PROP ROW

PROP TCE

℄ TECHNOLOGY DR WB

℄ TECHNOLOGY DR EB

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SOUTHWEST STATION
LANDSCAPE PLAN 1

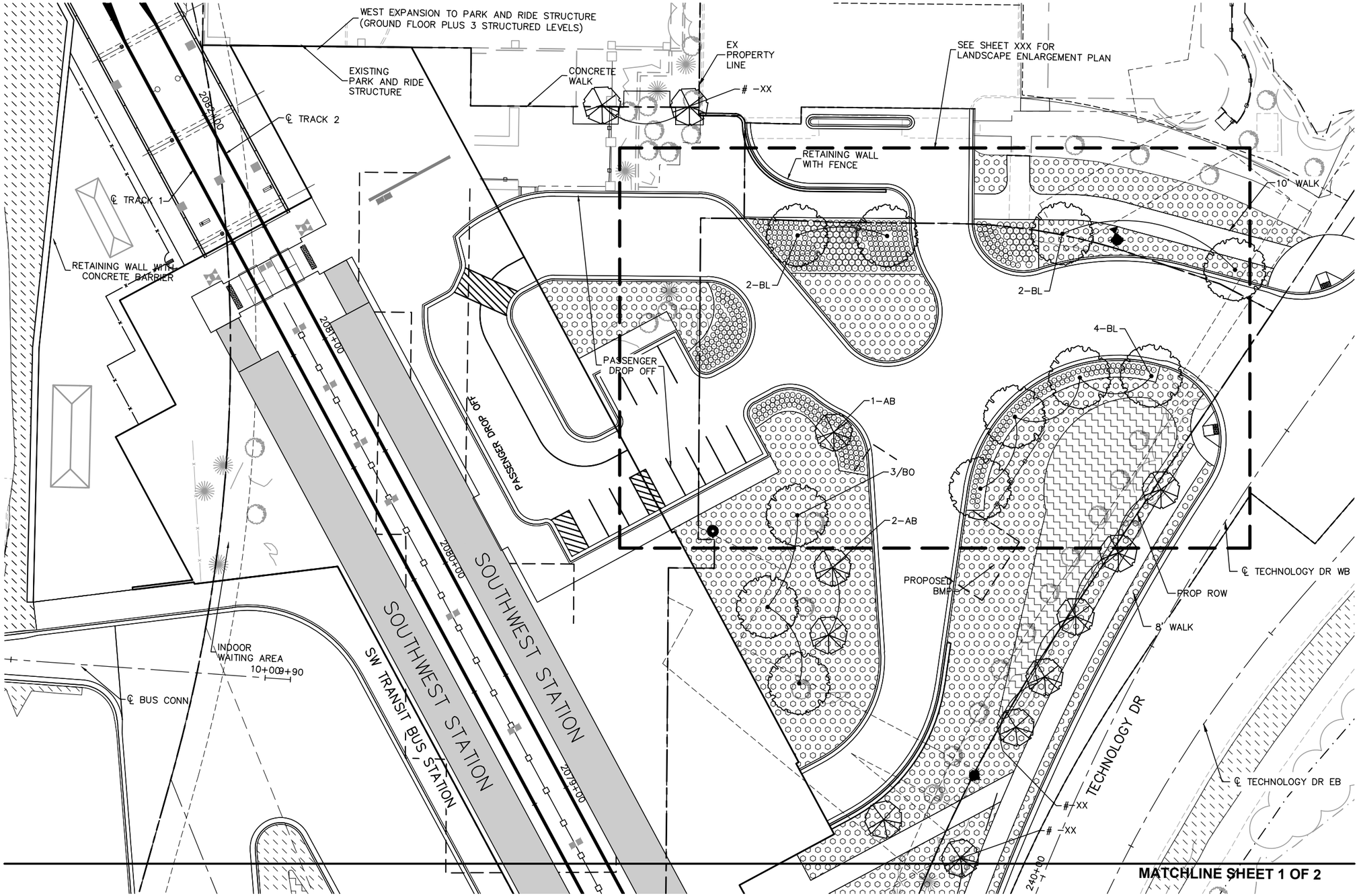
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: 258 - W1-LAN-PLN - 001

SHEET 258 OF 316

Jan, 18 2016 10:48 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-PLN.dwg By: sjergens

NOTES:



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SOUTHWEST STATION
LANDSCAPE PLAN 2

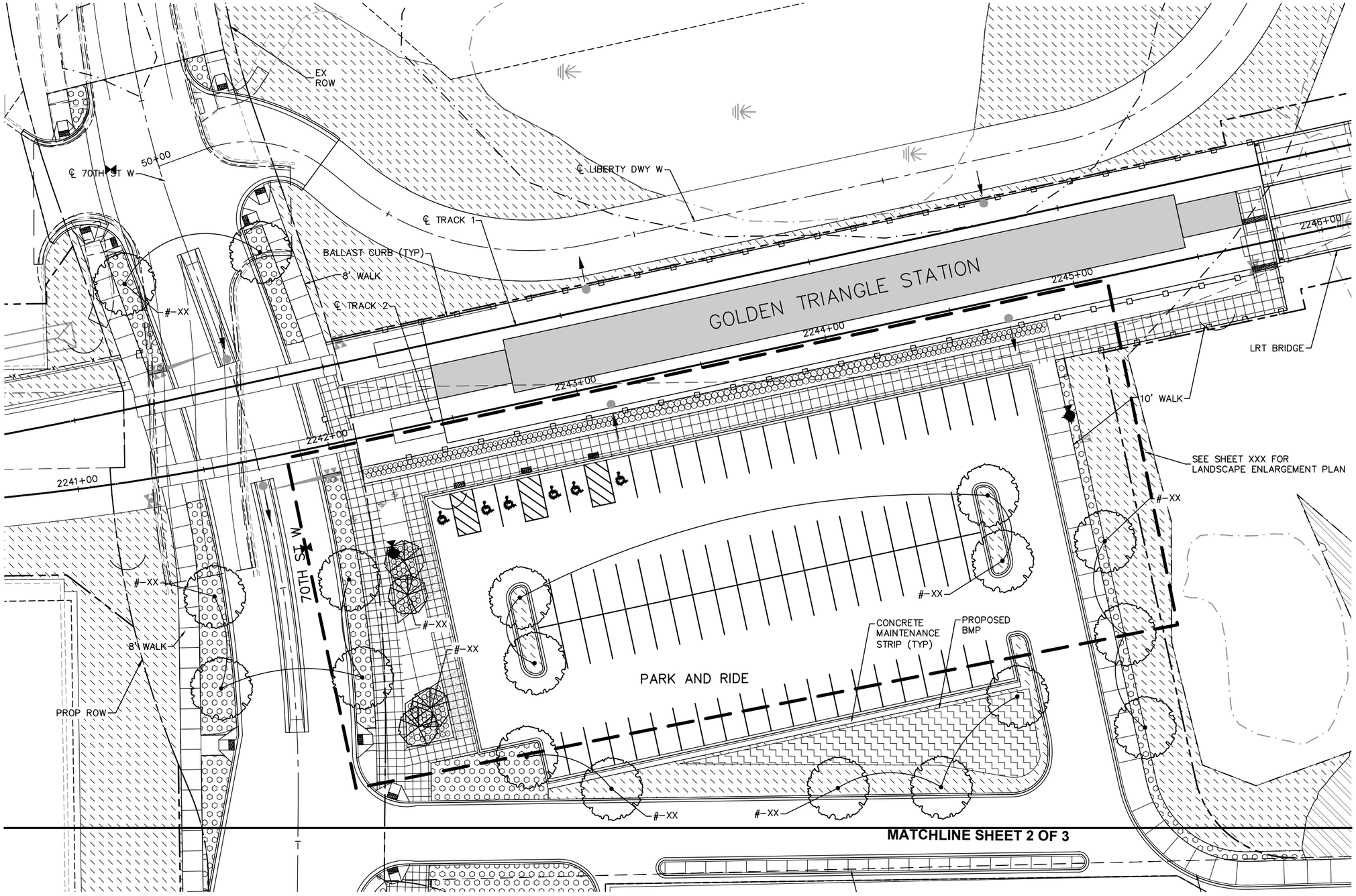
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: 259 - W1-LAN-PLN - 002

SHEET 259 OF 316

Jan, 18 2016 10:49 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-PLN.dwg By: sjergens

NOTE:



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GOLDEN TRIANGLE STATION
LANDSCAPE PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-PLN - 001

SHEET 260 OF 316

Jan, 18 2016 10:51 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-PLN.dwg By: sjergens

NOTE:

MATCHLINE SHEET 1 OF 2

#-XX

#-XX

PAVED MEDIAN

10' WALK

#-XX

#-XX

8' WALK

BUS SHELTER

BUS STOP/ PASSENGER DROP OFF

305+00

BUS STOP/ PASSENGER DROP OFF

℄ 70TH ST W

BUS SHELTER

70TH ST W

#-XX

MATCHLINE SHEET 3 OF 3

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GOLDEN TRIANGLE STATION
LANDSCAPE PLAN 2

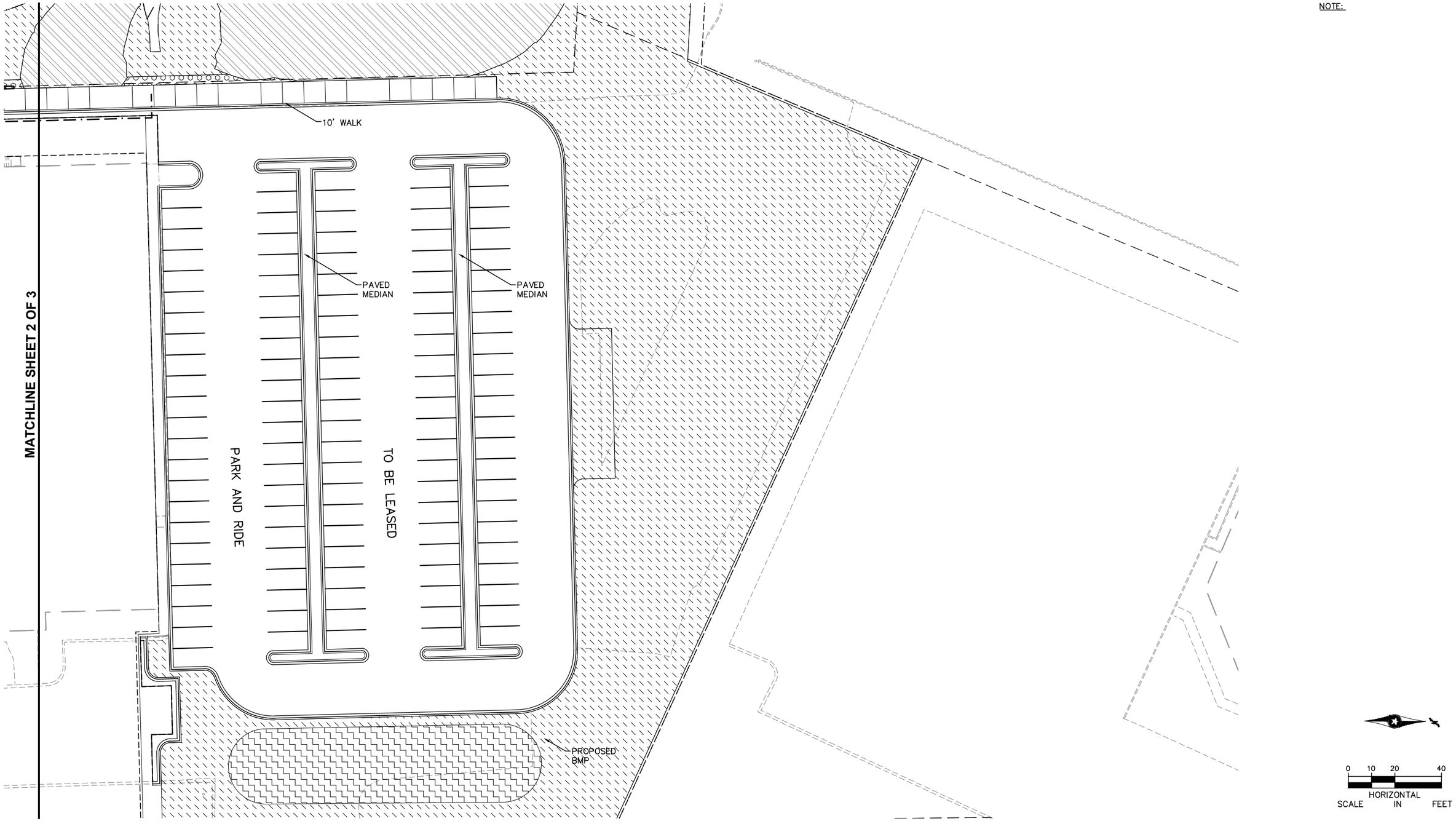
SHEET 261 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-PLN - 002

Jan, 18 2016 10:51 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-PLN.dwg By: sjergens

NOTE:



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GOLDEN TRIANGLE STATION
LANDSCAPE PLAN 3

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-PLN - 003

SHEET 262 OF 316

Jan. 18 2016 10:51 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-PLN.dwg By: sjergens

NOTE:

MATCHLINE SHEET 2 OF 2

℄ W 62ND ST

127+02 LT

#-XX

PROPOSED BMP

℄ TRACK 2

℄ TRACK 1

2294+00

RETAINING WALL

SEE SHEET XXX FOR LANDSCAPE ENLARGEMENT

TPSS ACCESS

TPSS-SWX306

RETAINING WALL WITH FENCE

PROP ROW

8' WALK

CONCRETE MAINTENANCE STRIP (TYP)

0 10 20 40

HORIZONTAL SCALE IN FEET

Jan, 18 2016 10:52 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-PLN.dwg By: sjergens

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

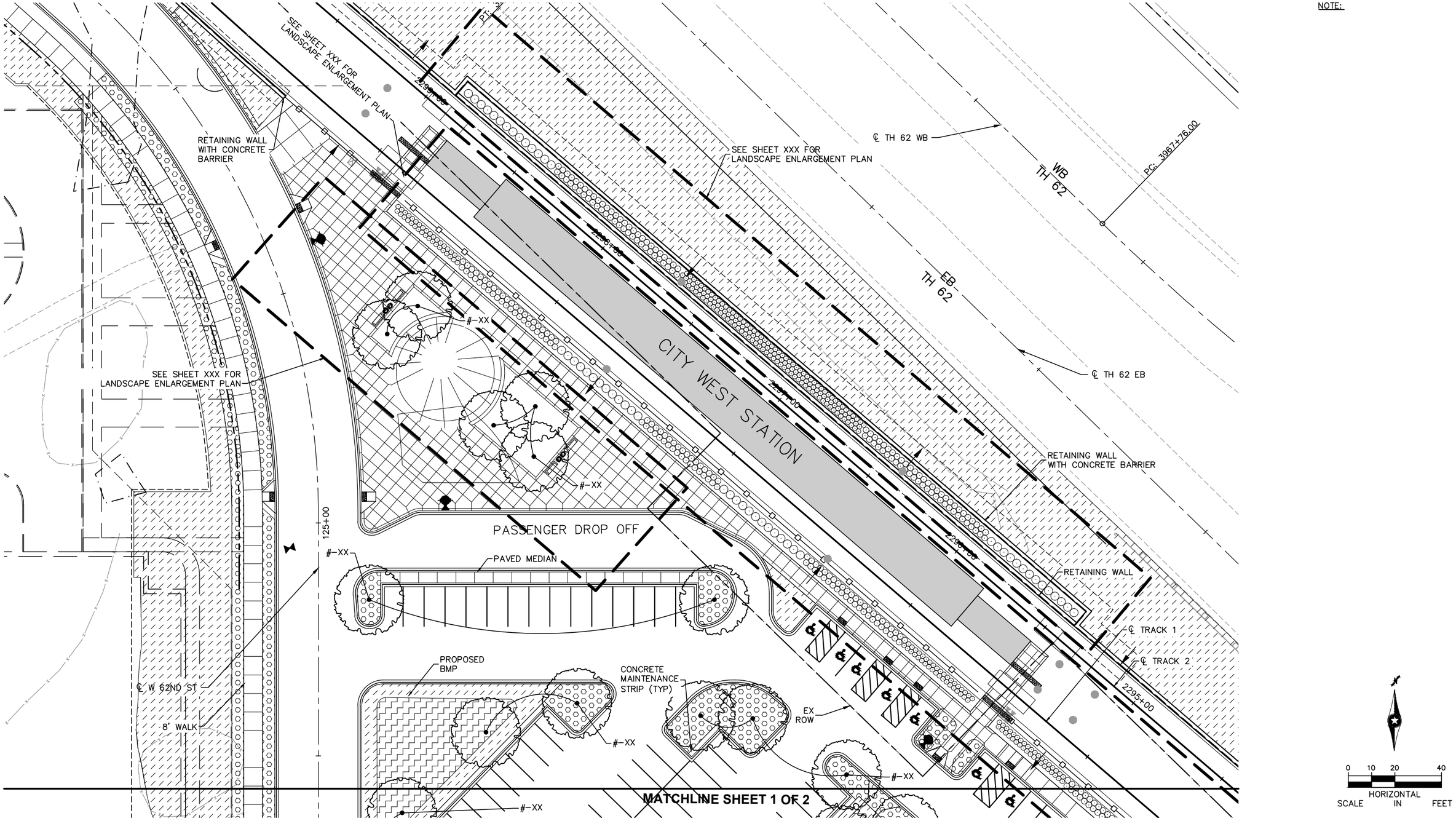
CIVIL - VOLUME 9
CITY WEST STATION
LANDSCAPE PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-PLN - 004

SHEET 263 OF 316

NOTE:



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METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
CITY WEST STATION
LANDSCAPE PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-PLN - 005

SHEET 264 OF 316

Jan, 18 2016 10:52 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-PLN.dwg By: sjergens

NOTE:
1. ADJUST TREE LOCATIONS TO RETAIN EXISTING TREES EAST OF STATION.

PROP TCE
8' WALK
BUS SHELTER
B
℄ BREN RD E
BREN RD E
1005+00
#-XX
℄ TRAIL 5
℄ TRAIL 3
10' TRAIL
#-XX
℄ TRACK 1
OPUS STATION
2339+00
2340+00
2341+00
2342+00
2343+00
℄ TRACK 2
SEE SHEET XXX FOR LANDSCAPE ENLARGEMENT PLAN
#-XX
#-XX
90+00
10' TRAIL
℄ TRAIL 2
10' WALK

MATCHLINE SHEET 2 OF 2

0 10 20 40
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

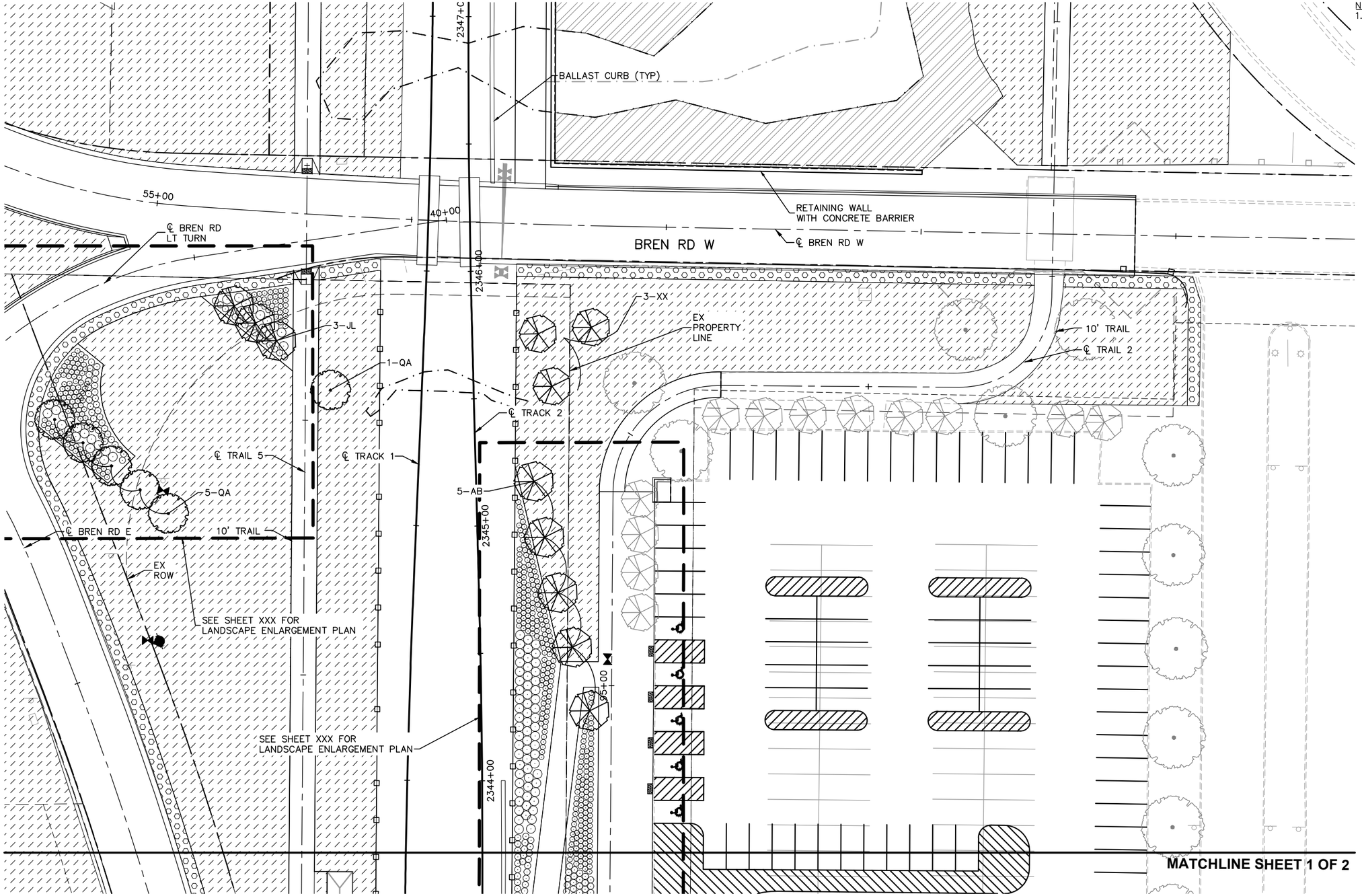
CIVIL - VOLUME 9
OPUS STATION
LANDSCAPE PLAN 1

SHEET 265 OF 316

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W3-LAN-PLN - 001

Jan, 18 2016 10:54 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens

NOTE:
1. ADJUST TREE LOCATIONS TO RETAIN EXISTING TREES AROUND PARKING LOT.



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
OPUS STATION
LANDSCAPE PLAN 2

SHEET 266 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN - 002

Jan. 18 2016 10:54 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens

NOTE:

#-XX

#-XX

MATCHLINE SHEET 3 OF 7

SEE SHEET XXX FOR LANDSCAPE ENLARGEMENT PLAN

PASSENGER DROP OFF

EX CELL TOWER

12' BITUMINOUS TRAIL

BALLAST CURB (TYP)

EX ROW

10' WALK

℄ CEDAR LAKE LRT REGIONAL TR

℄ TRACK 1

℄ TRACK 2

15+00

2427+00

2426+00

2425+00

2424+00

2423+00

2422+00

SHADY OAK STATION

MATCHLINE SHEET 2 OF 7

10' WALK

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
SHADY OAK STATION
LANDSCAPE PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN - 003

SHEET 267 OF 316

Jan, 18 2016 10:55 am v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens

NOTE:

MATCHLINE SHEET 3 OF 7

MATCHLINE SHEET 1 OF 7

#-XX

#-XX

#-XX

8'-00"

℄ 17TH AVE S

12' BITUMINOUS TRAIL

℄ CEDAR LAKE LRT REGIONAL TR

EX ROW

10+00

BALLAST CURB (TYP)

2422+00

2423+00

2424+00

10' WALK

℄ TRACK 1

℄ TRACK 2

8'-00"

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
SHADY OAK STATION
LANDSCAPE PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN - 004

SHEET 268 OF 316

Jan, 18 2016 10:55 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens

MATCHLINE SHEET 4 OF 7

MATCHLINE SHEET 5 OF 7

PROPOSED BMP

8' WALK

℄ 17TH AVE S

10' PROTECTED BIKEWAY

10+00

8' WALK

10' WALK

#-XX

#-XX

12' WALK

EX PROPERTY LINE

SEE SHEET XXX FOR LANDSCAPE ENLARGEMENT PLAN

EX CELL TOWER

PASSENGER DROP OFF

10' WALK

MATCHLINE SHEET 1 OF 7

NOTE:

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SHADY OAK STATION
LANDSCAPE PLAN 3

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN - 005

SHEET 269 OF 316

Jan, 18 2016 10:55 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens

MATCHLINE SHEET 6 OF 7

MATCHLINE SHEET 5 OF 7

15+00

8' WALK

8' WALK

10' PROTECTED BIKEWAY

℄ 17TH AVE S

#-XX

#-XX

PAVED MEDIAN

#-XX

PROPOSED BMP

MATCHLINE SHEET 3 OF 7

NOTE:

12' WALK

EX PROPERTY LINE

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SHADY OAK STATION
LANDSCAPE PLAN 4

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN - 006

SHEET 270 OF 316

Jan, 18 2016 10:55 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens

NOTE:

MATCHLINE SHEET 4 OF 7

MATCHLINE SHEET 3 OF 7

PROPOSED BMP

8' WALK

10' PROTECTED BIKEWAY

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

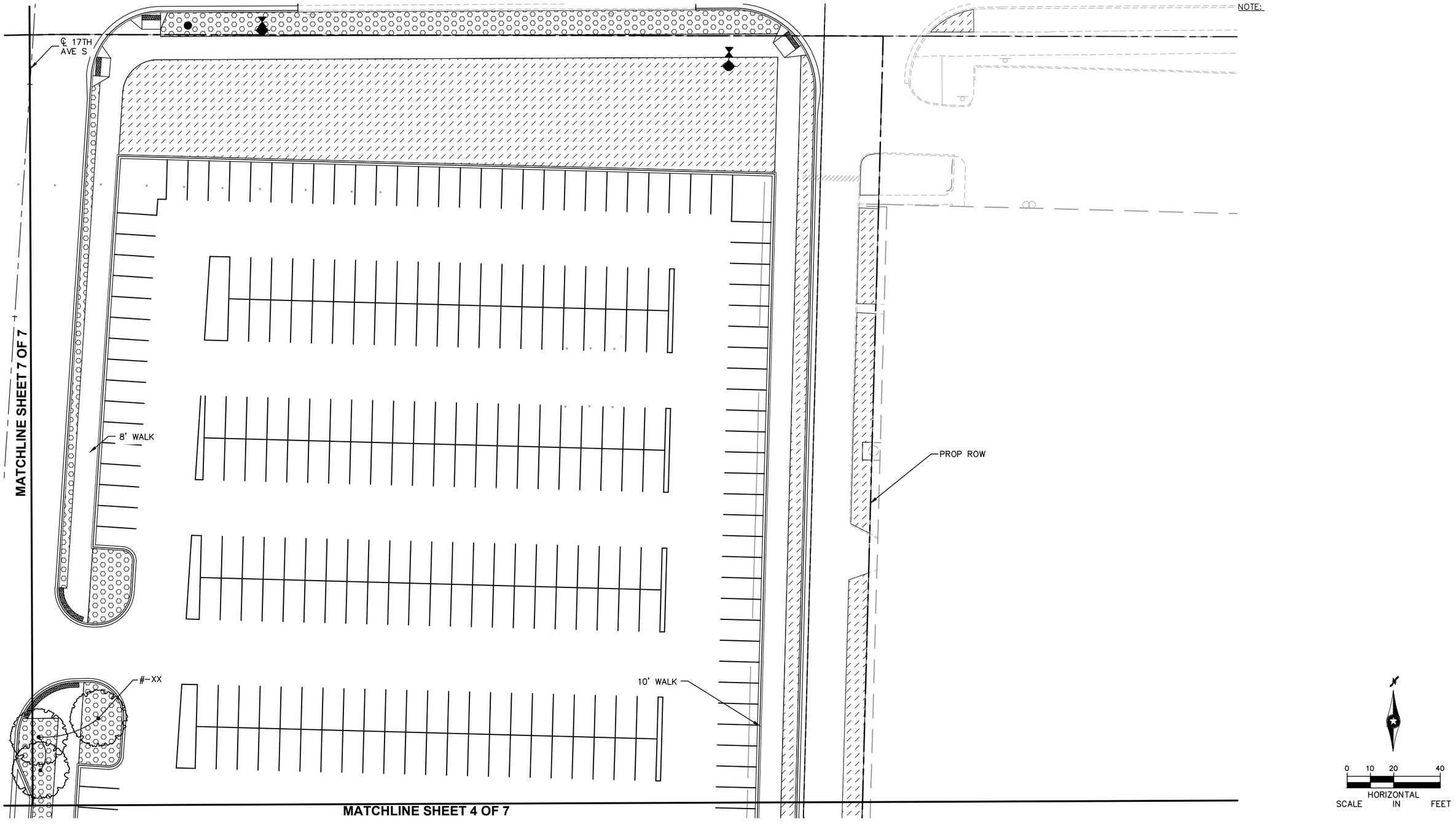
CIVIL - VOLUME 9
SHADY OAK STATION
LANDSCAPE PLAN 5

SHEET 271 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN - 007

Jan, 18 2016 10:56 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens



Jan, 18 2016 10:56 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
SHADY OAK STATION
LANDSCAPE PLAN 6

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN - 008

SHEET 272 OF 316

NOTE:

℄ 17TH AVE S

8' WALK

10' PROTECTED BIKEWAY

8

MATCHLINE SHEET 6 OF 7

℄ 17TH AVE S

#-XX

15+00

MATCHLINE SHEET 4 OF 7

0 10 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

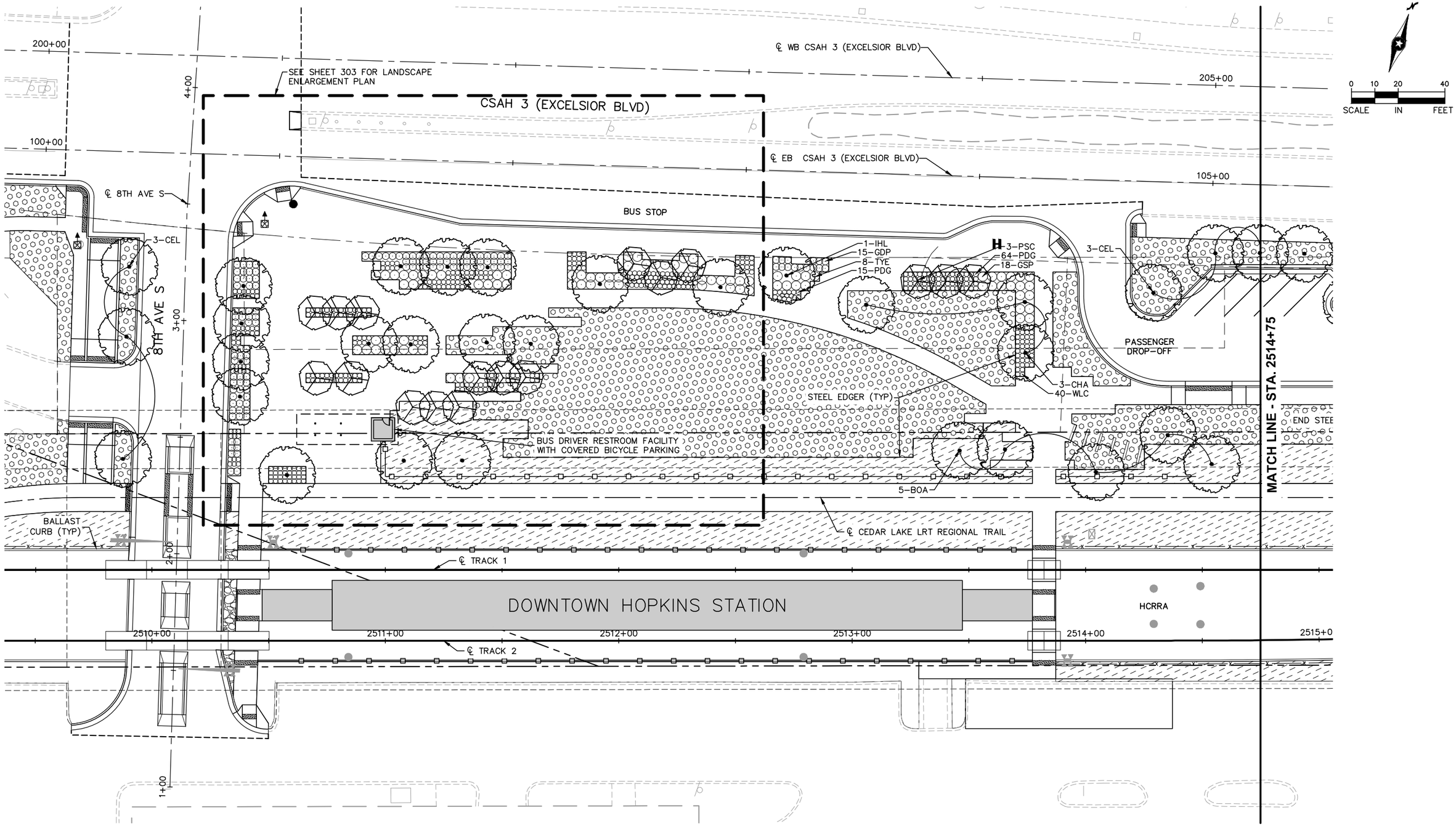
CIVIL - VOLUME 9
SHADY OAK STATION
LANDSCAPE PLAN 7

SHEET 273 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN - 009

Jan, 18 2016 10:56 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN.dwg By: sjergens



Jan, 18 2016 08:12 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-PLN.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

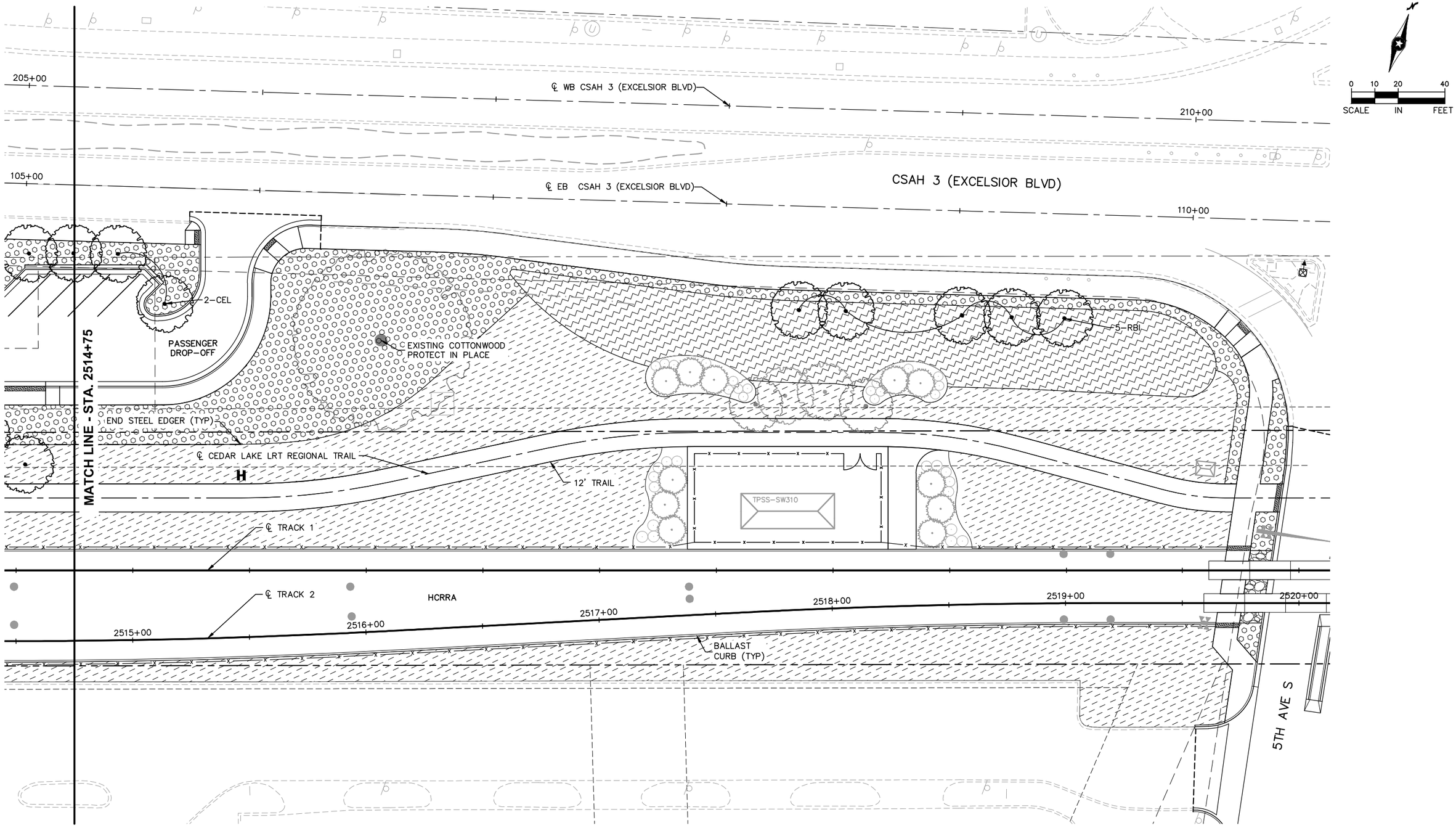
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
DOWNTOWN HOPKINS STATION
LANDSCAPE PLAN 1
STA. 2509+50 TO STA. 2514+75

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-PLN - 001

SHEET 274 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

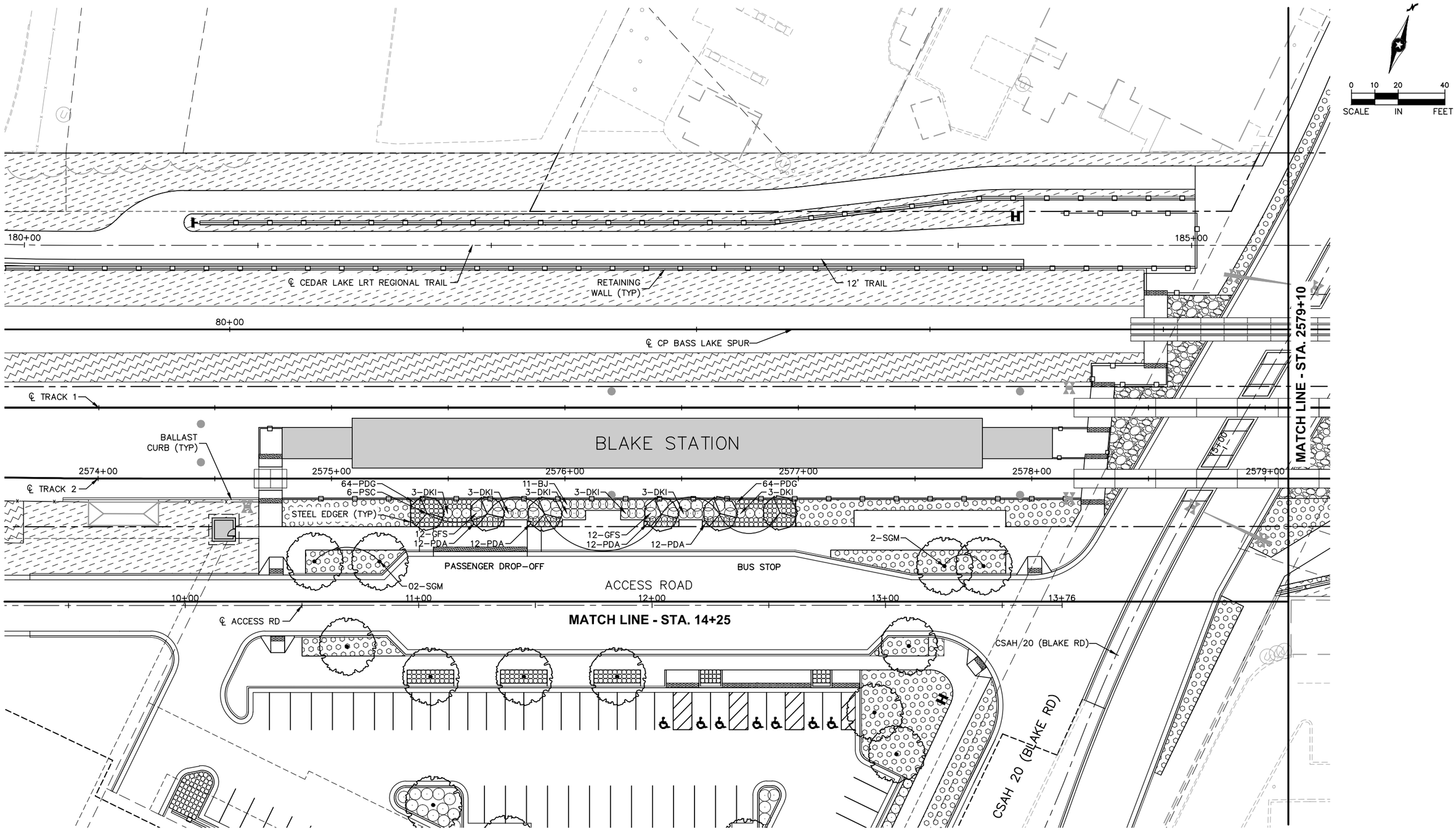
CIVIL - VOLUME 9
DOWNTOWN HOPKINS STATION
LANDSCAPE PLAN 2
STA. 2514+75 TO 2520+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-PLN - 002

SHEET 275 OF 316

Jan, 18 2016 08:12 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-PLN.dwg By: joseph.starbuck



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AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

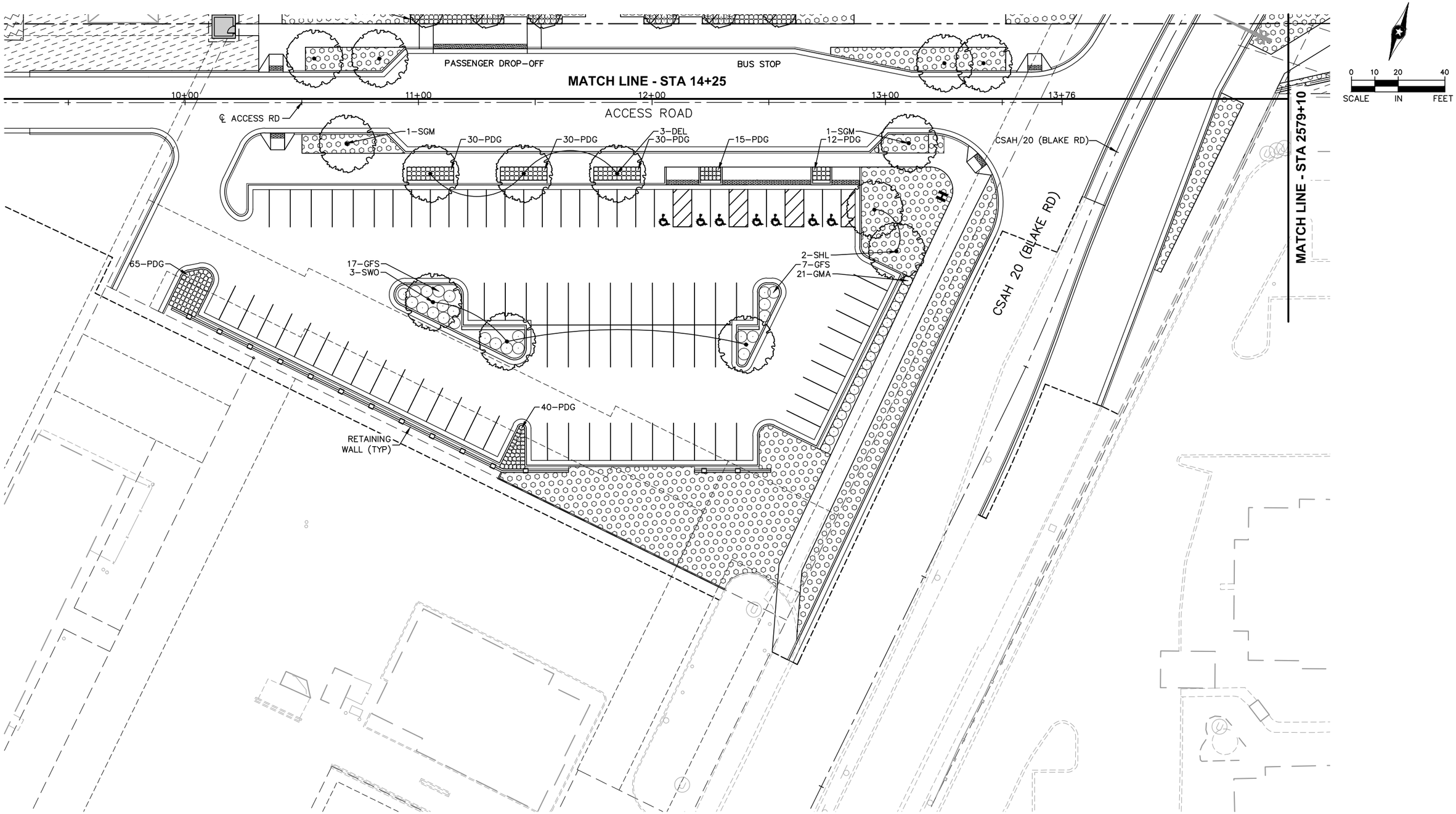
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
BLAKE STATION
LANDSCAPE PLAN 1
STA. 2573+60 TO STA. 2579+10

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-PLN - 003

SHEET 276 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

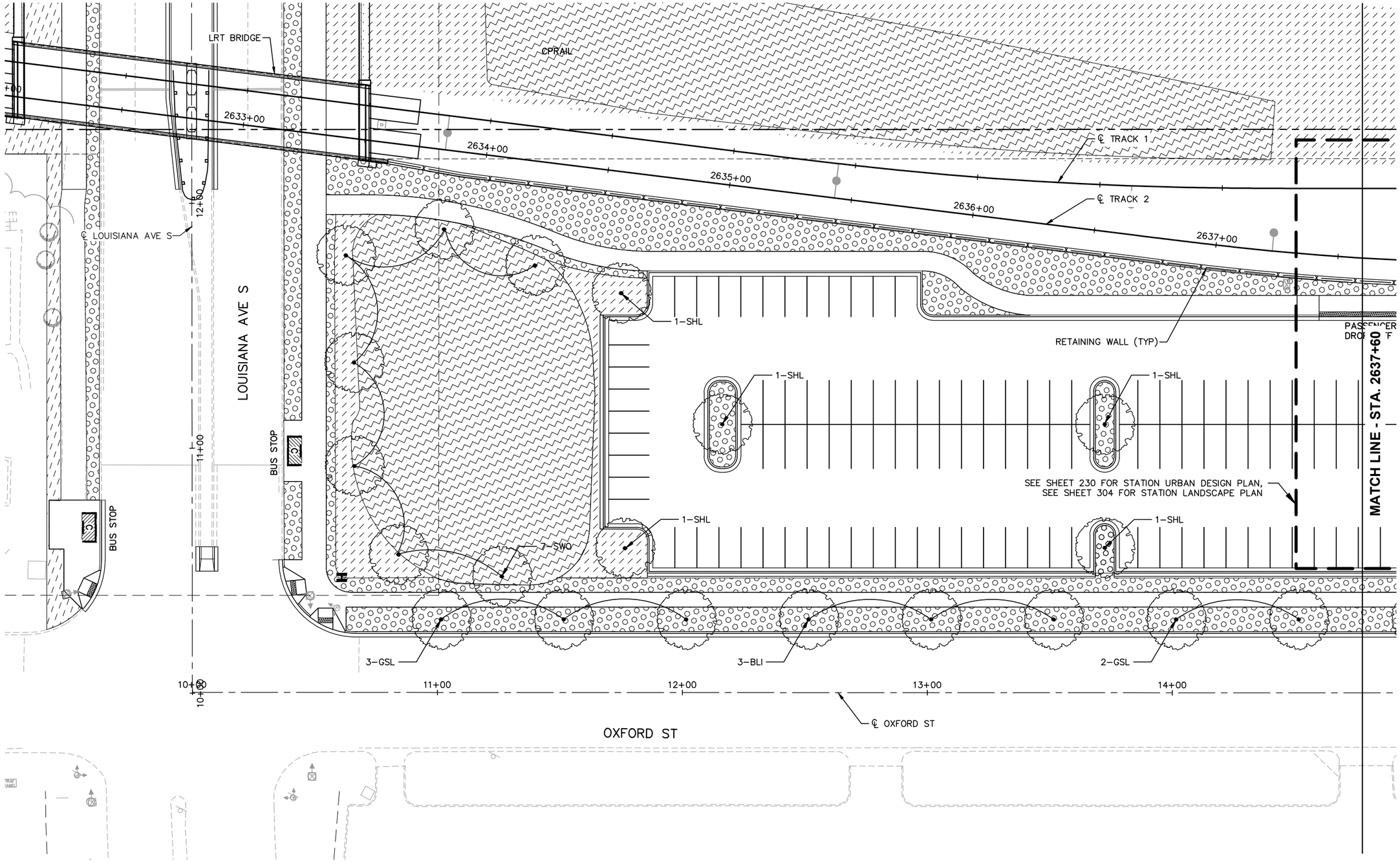
CIVIL - VOLUME 9
BLAKE STATION
LANDSCAPE PLAN 2
STA. 11+00 TO STA. 14+25

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-PLN - 004

SHEET 277 OF 316

Jan, 18 2016 08:14 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E1-LAN-PLN.dwg By: joseph.starbuck



Jan, 18 2016 09:37 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-PLN.dwg By: joe.cogswell

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METROPOLITAN COUNCIL

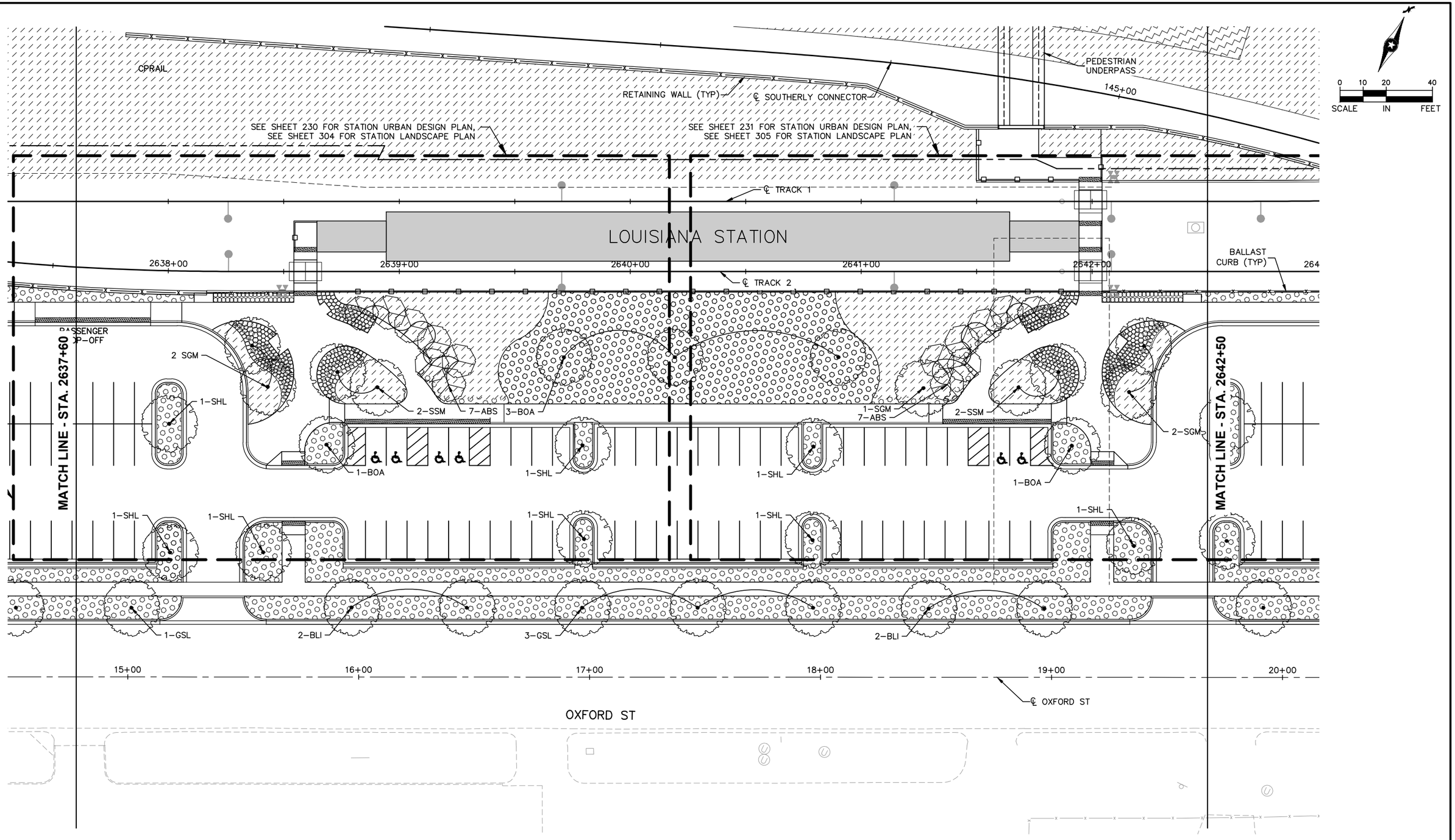
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LOUISIANA STATION
LANDSCAPE PLAN 1
STA. 2632+00 TO STA. 2637+60

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-PLN - 001

SHEET 278 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

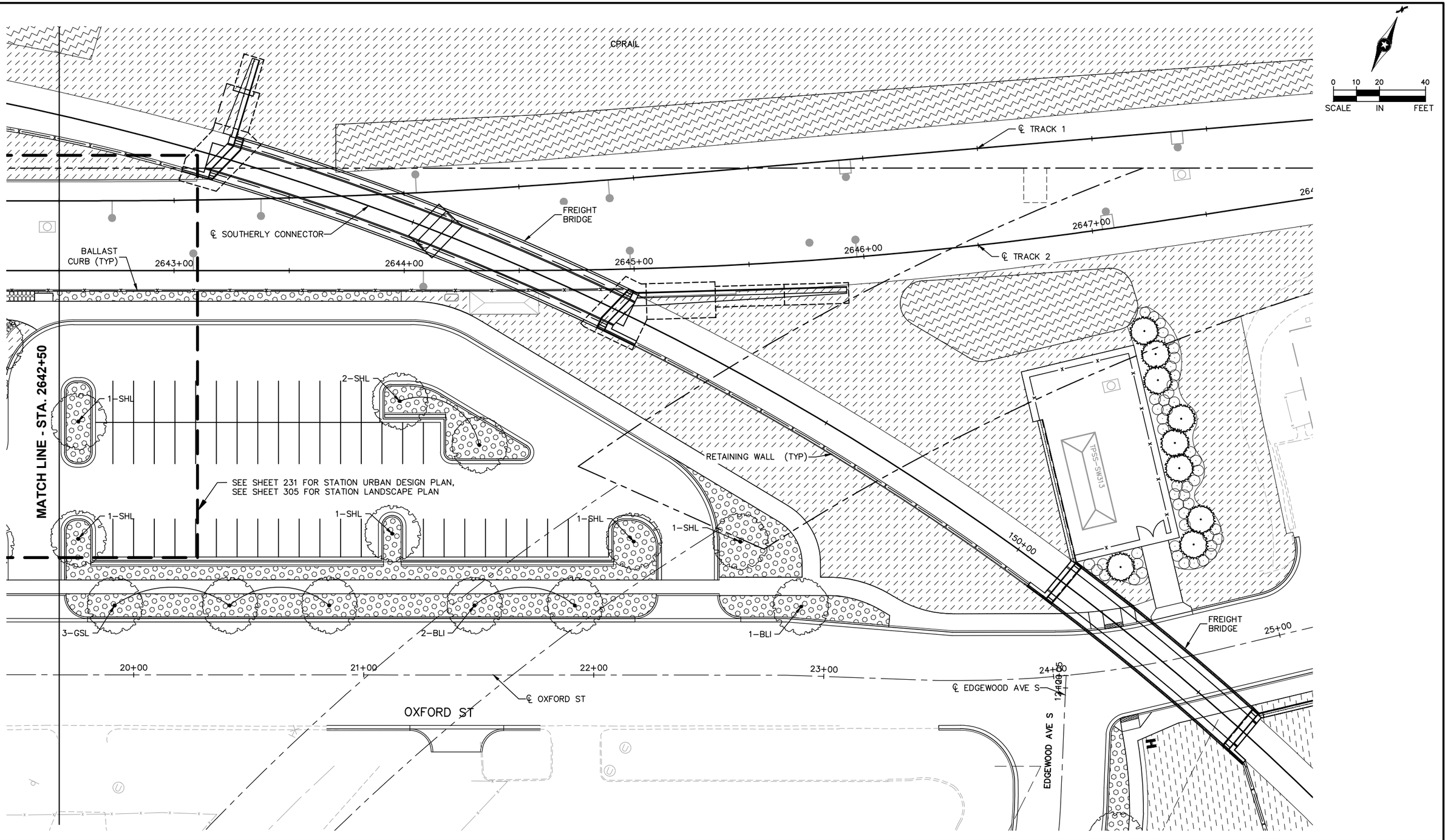
CIVIL - VOLUME 9
LOUISIANA STATION
LANDSCAPE PLAN 2
STA. 2637+60 TO STA. 2642+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-PLN - 002

SHEET 279 OF 316

Jan, 18 2016 09:37 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LOUISIANA STATION
LANDSCAPE PLAN 3
STA. 2642+50 TO 2647+97

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-PLN - 003

SHEET 280 OF 316

Jan, 18 2016 09:37 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-PLN.dwg By: joe.cogswell

SEE SHEET 306 FOR STATION LANDSCAPE PLAN

MINNESOTA 7 SERVICE RD

0 10 20 40
SCALE IN FEET

EX ROW

1-SHL

5-PEL

2-AHL

℄ CEDAR LAKE LRT REGIONAL TRAIL

℄ CP BASS LAKE SPUR

℄ TRACK 1

WOODDALE STATION

℄ TRACK 2

2-GSL

RETAINING WALL (TYP)

BALLAST CURB (TYP)

℄ WOODDALE AVE S

WOODDALE AVE S

MATCH LINE - STA. 2666+60

MATCH LINE - STA. 2672+00

14+00

13+00

12+00

11+00

170+00

275+00

2667+00

2668+00

2669+00

2670+00

2671+00

2672+00

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

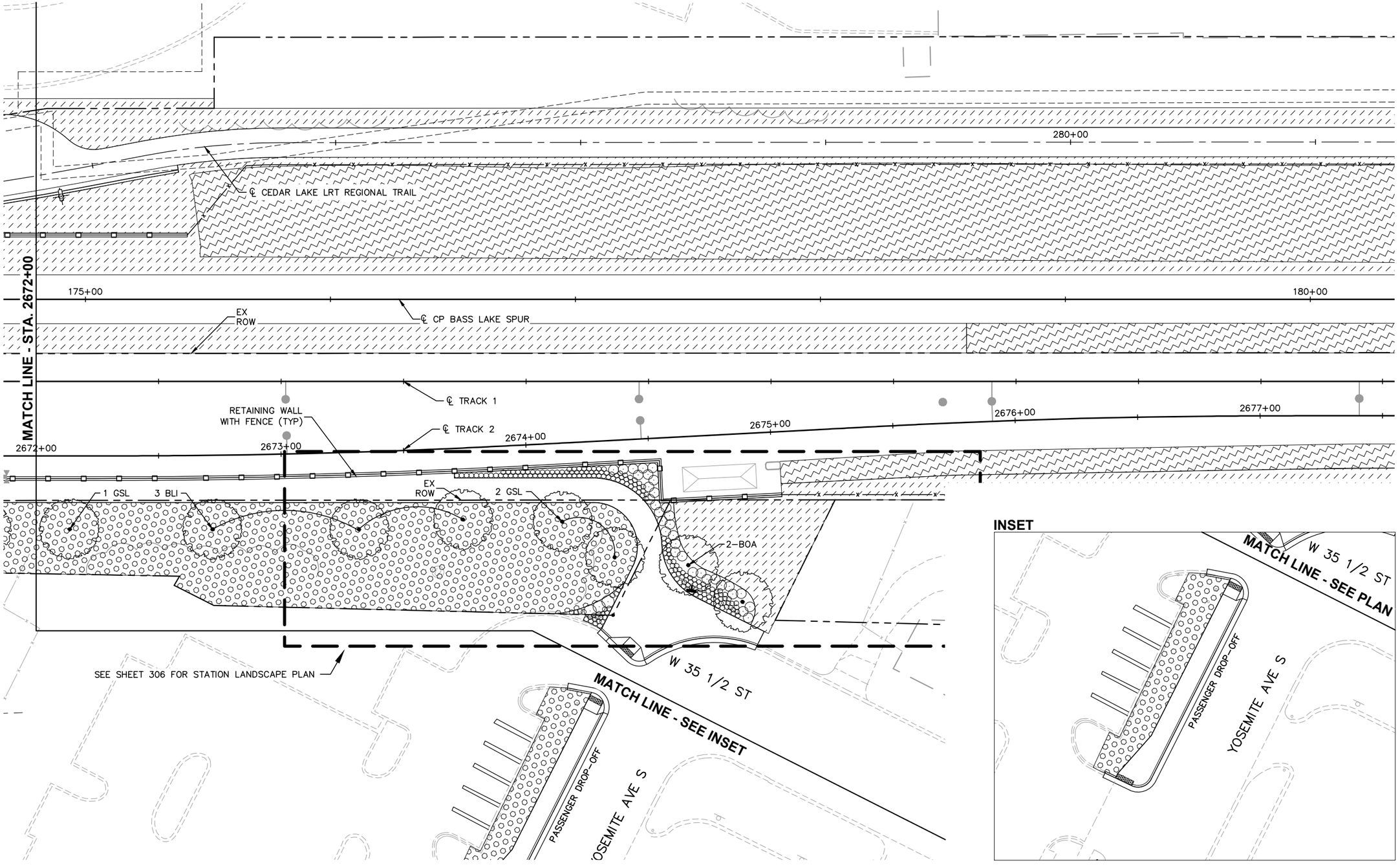
CIVIL - VOLUME 9
WOODDALE STATION
LANDSCAPE PLAN 1
STA. 2666+60 TO 2672+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-PLN - 004

SHEET 281 OF 316

Jan. 18 2016 09:38 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-PLN.dwg By: joe.cogswell



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
WOODDALE STATION
LANDSCAPE PLAN 2
STA. 2672+00 TO STA. 2677+55

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-PLN - 005

SHEET 282 OF 316

Jan, 18 2016 09:38 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-PLN.dwg By: joe.cogswell

MATCH LINE - STA. 117+10

SEE SHEET 307 FOR STATION LANDSCAPE PLAN

MATCH LINE - STA. 2711+10

MATCH LINE - STA. 2716+40

117+00

116+00

PASSENGER DROP-OFF

6–EKC

1–GSL

2–BOA

2–BOA

PROP TCE

2–ABS

3–SSC

4–ABS

2–SSC

℄ BELTLINE BLVD

BUS STOP

BUS OPERATOR RESTROOM FACILITY

3–PEL

315+00

2–ABS

215+00

115+00

℄ CEDAR LAKE LRT REGIONAL TRAIL

℄ CP BASS LAKE SPUR

320+00

℄ TRACK 1

BELTLINE STATION

2711+00

2712+00

2713+00

2714+00

2715+00

2716+00

℄ TRACK 2

1–ABS

4–SSC

4–SSC

420+00

1–ABS

℄ TRAIL D

BELTLINE BLVD

114+00

EX ROW

0 10 20 40

SCALE IN FEET

Jan, 21 2016 02:04 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-PLN.dwg By: joe.cogswell

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

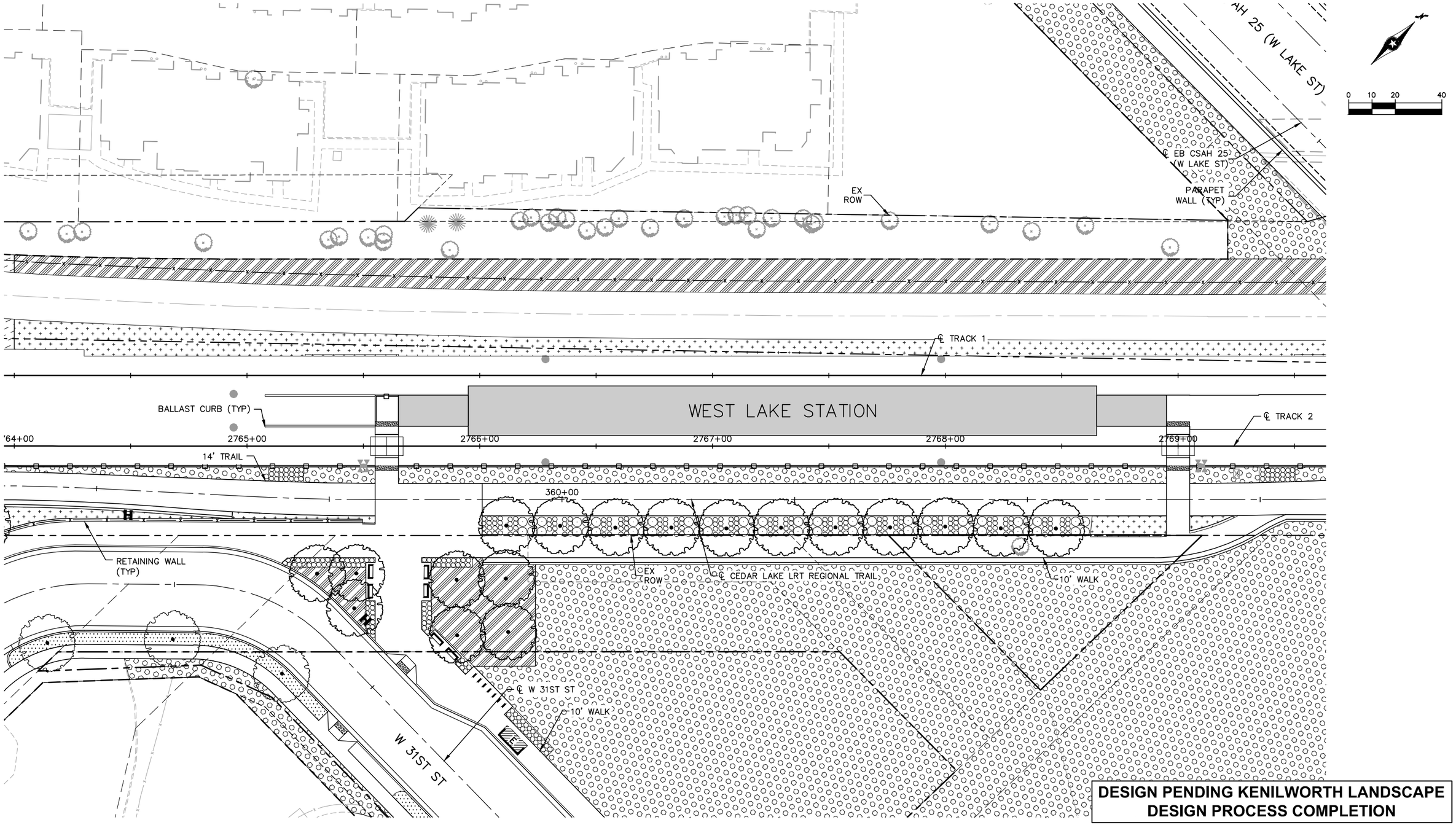
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
BELTLINE STATION
LANDSCAPE PLAN 1
STA. 2711+10 TO STA. 2716+40

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-PLN - 006

SHEET 283 OF 316



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

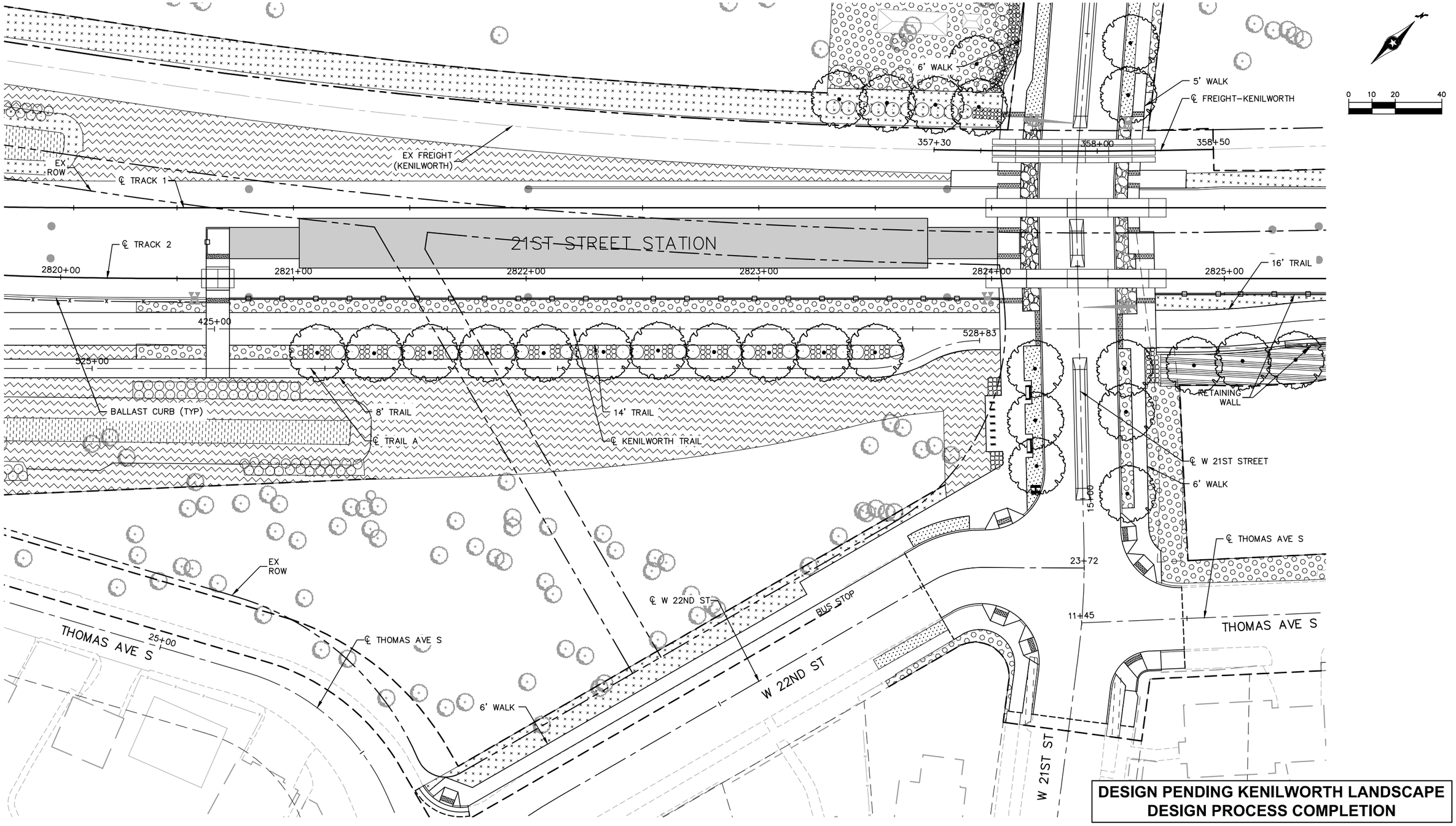
CIVIL - VOLUME 9
WEST LAKE STATION
LANDSCAPE PLAN 1
STA. 2764+21 TO STA. 2769+89

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-PLN - 001

SHEET 284 OF 316

Jan, 18 2016 06:55 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

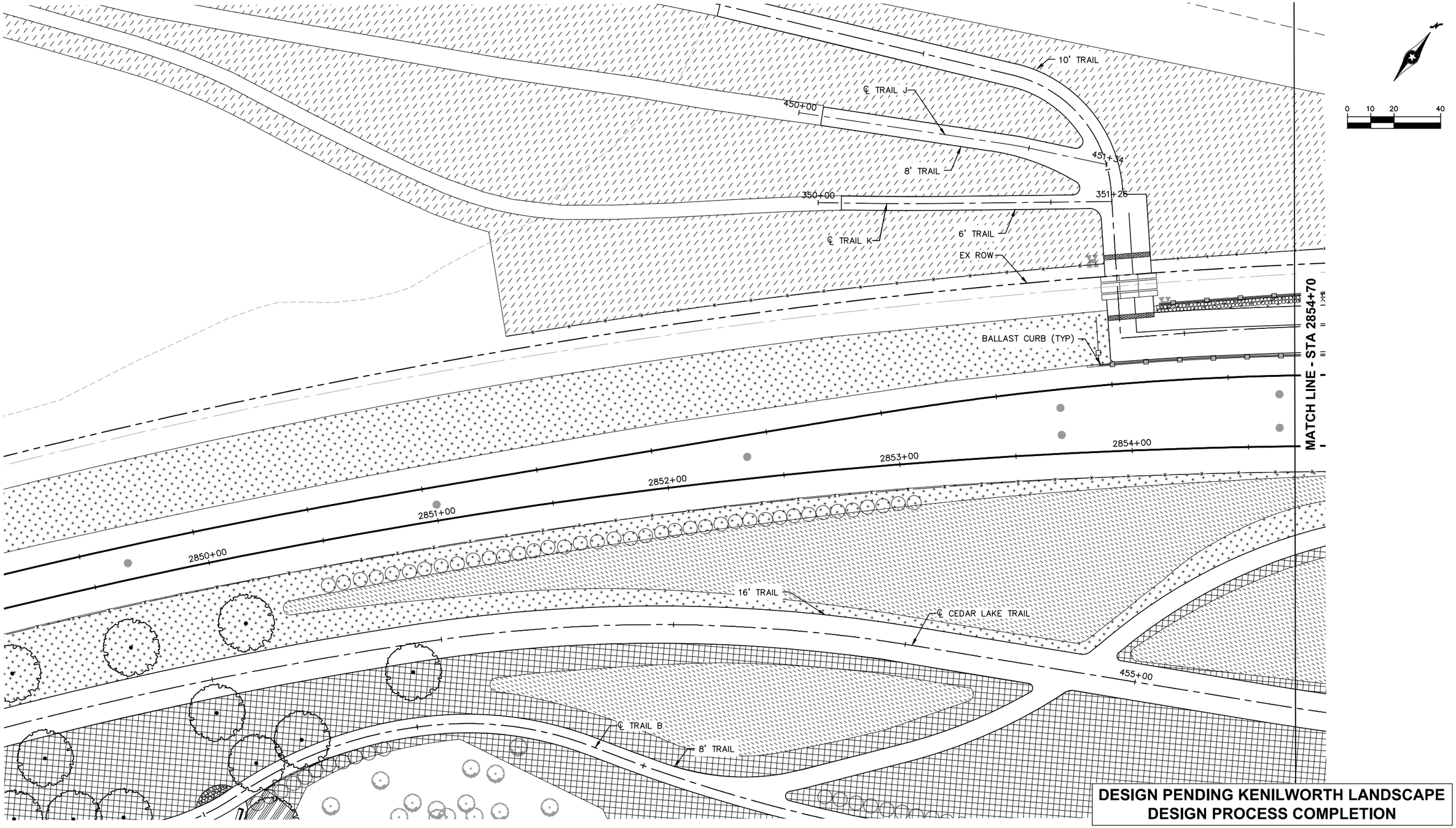
CIVIL - VOLUME 9
21ST STREET STATION
LANDSCAPE PLAN
STA. 2819+75 TO STA. 2825+40

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E3-LAN-PLN - 002

SHEET 285 OF 316

Jan, 18 2016 06:56 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E3-LAN-PLN.dwg By: V-MozzetBR



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
PENN STATION
LANDSCAPE PLAN 1
STA. 2849+10 TO STA. 2854+70

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 001

SHEET 286 OF 316

Jan, 19 2016 09:50 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck

MATCH LINE - SEE SHEET 288

0 10 20 40

PENN STATION PEDESTRIAN BRIDGE

BALLAST CURB (TYP)

EX ROW

PENN STATION VERTICAL CIRCULATION ELEVATOR AND STAIRS

℄ TRACK 1

PENN STATION

MATCH LINE - STA. 2854+70

2855+00 2856+00 2857+00 2858+00 2859+00 2860+00

555+00

℄ TRACK 2

20' TRAIL

℄ NORTH CEDAR LAKE TRAIL

16' TRAIL

℄ KENILWORTH TRAIL

460+00

556+17

DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

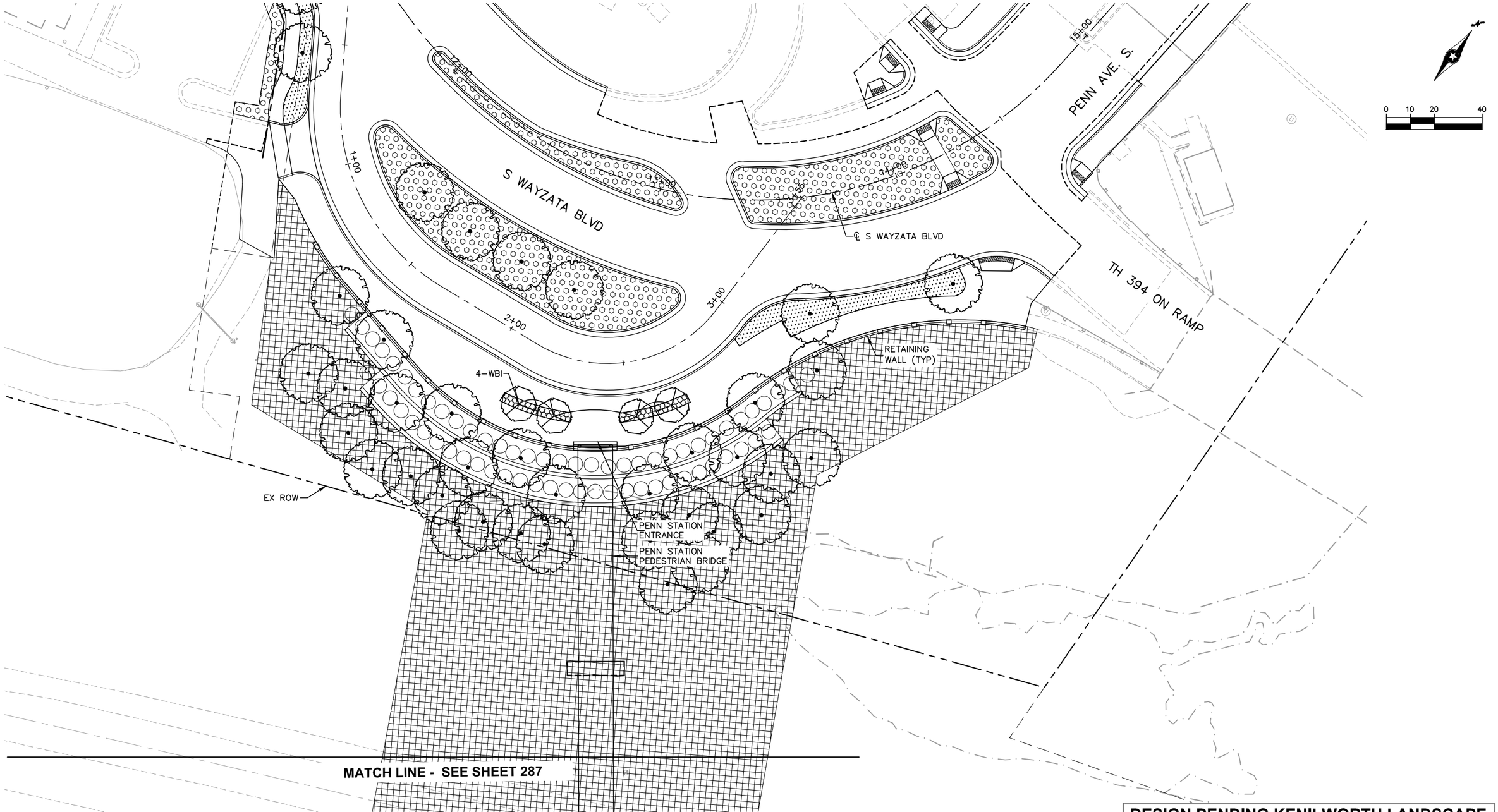
CIVIL - VOLUME 9
PENN STATION
LANDSCAPE PLAN 2
STA. 2854+70 TO STA. 2860+20

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 002

SHEET 287 OF 316

Jan, 19 2016 09:51 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck



DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

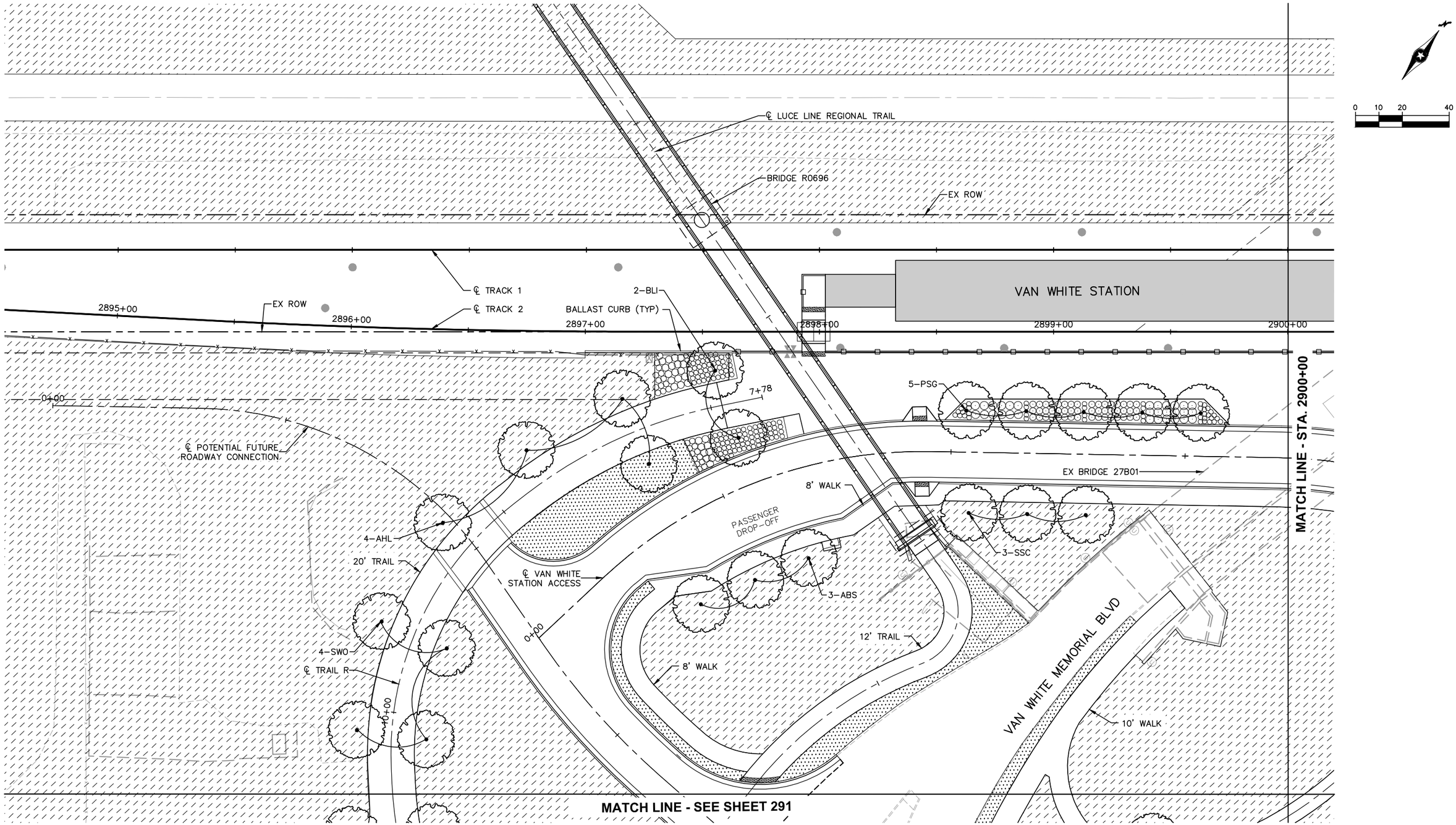
CIVIL - VOLUME 9
PENN STATION
LANDSCAPE PLAN 3
STA. 0+00 TO STA. 3+55

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 003

SHEET 288 OF 316

Jan, 19 2016 10:36 am v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

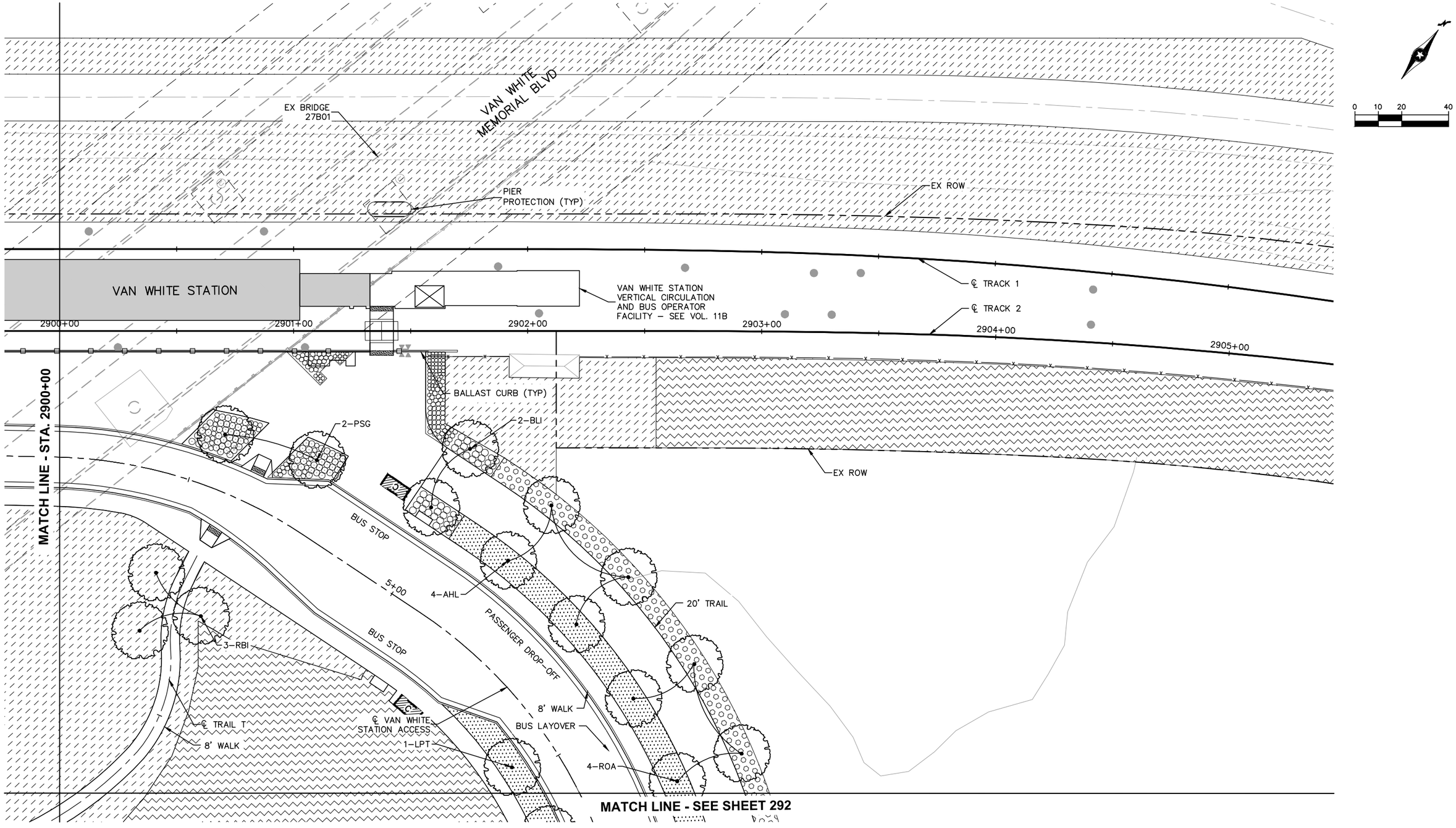
CIVIL - VOLUME 9
VAN WHITE STATION
LANDSCAPE PLAN 1
STA. 2894+50 TO STA. 2900+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 004

SHEET 289 OF 316

Jan, 19 2016 09:51 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST
Green Line LRT Extension

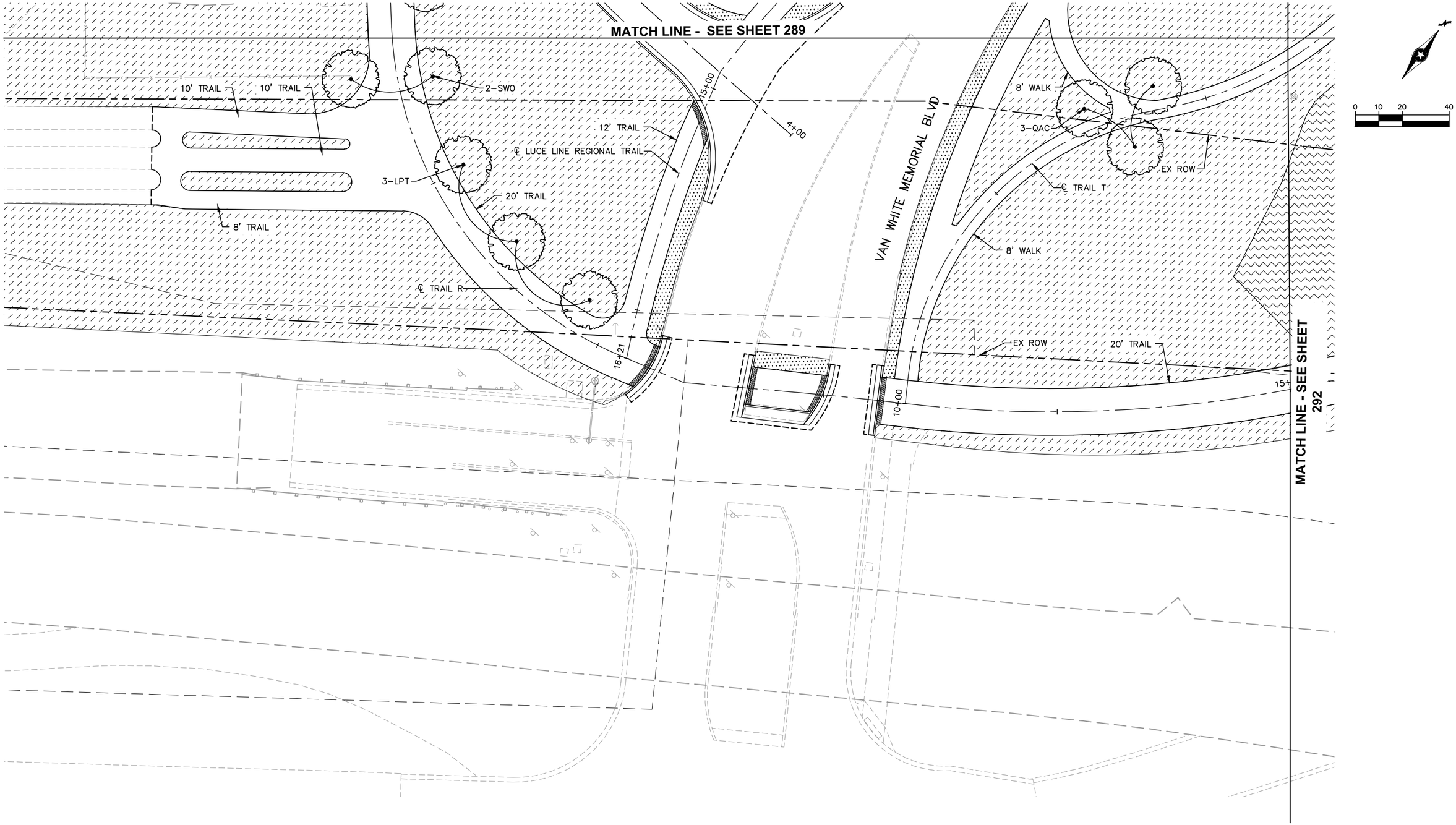
CIVIL - VOLUME 9
VAN WHITE STATION
LANDSCAPE PLAN 2
STA. 2900+00 TO STA. 2905+45

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 005

SHEET 290 OF 316

Jan, 19 2016 09:51 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
VAN WHITE STATION
LANDSCAPE PLAN 3
STA. 10+35 TO STA. 15+00

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 006

SHEET 291 OF 316

Jan, 19 2016 09:52 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck

MATCH LINE - SEE SHEET 290

4-ROA

8' WALK

BUS LAYOVER

8' WALK

20' TRAIL

2-LPT

EX ROW

℄ VAN WHITE STATION ACCESS

4-LPT

20' TRAIL

20' TRAIL

℄ TRAIL R

20+00

15+00

EX ROW

MATCH LINE - SEE SHEET 291

LINDEN AVENUE

8+68

0 10 20 40

Jan, 19 2016 09:52 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

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METROPOLITAN COUNCIL

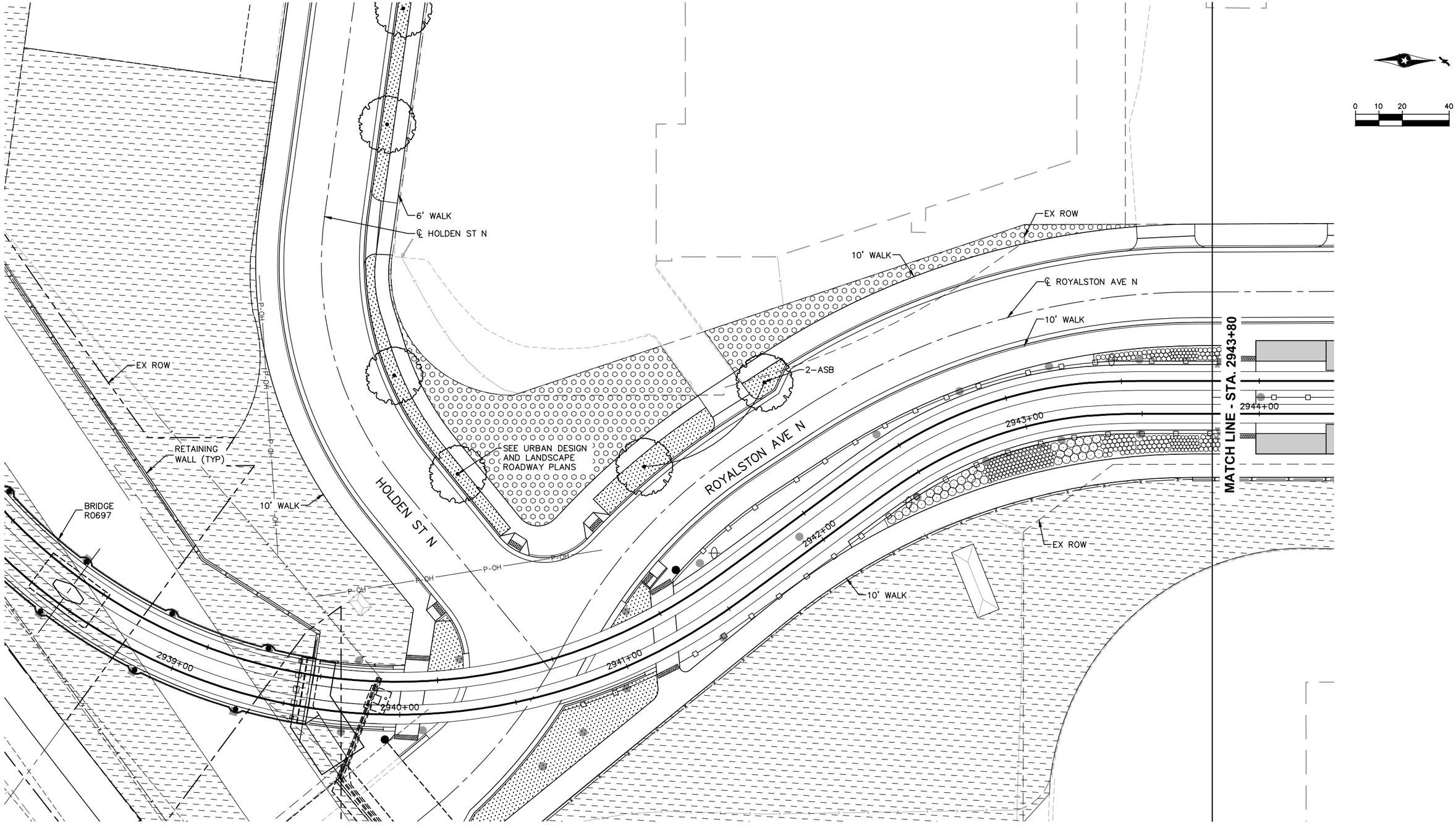
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
VAN WHITE STATION
LANDSCAPE PLAN 4
STA. 15+00 TO STA. 20+50

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 007

SHEET 292 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

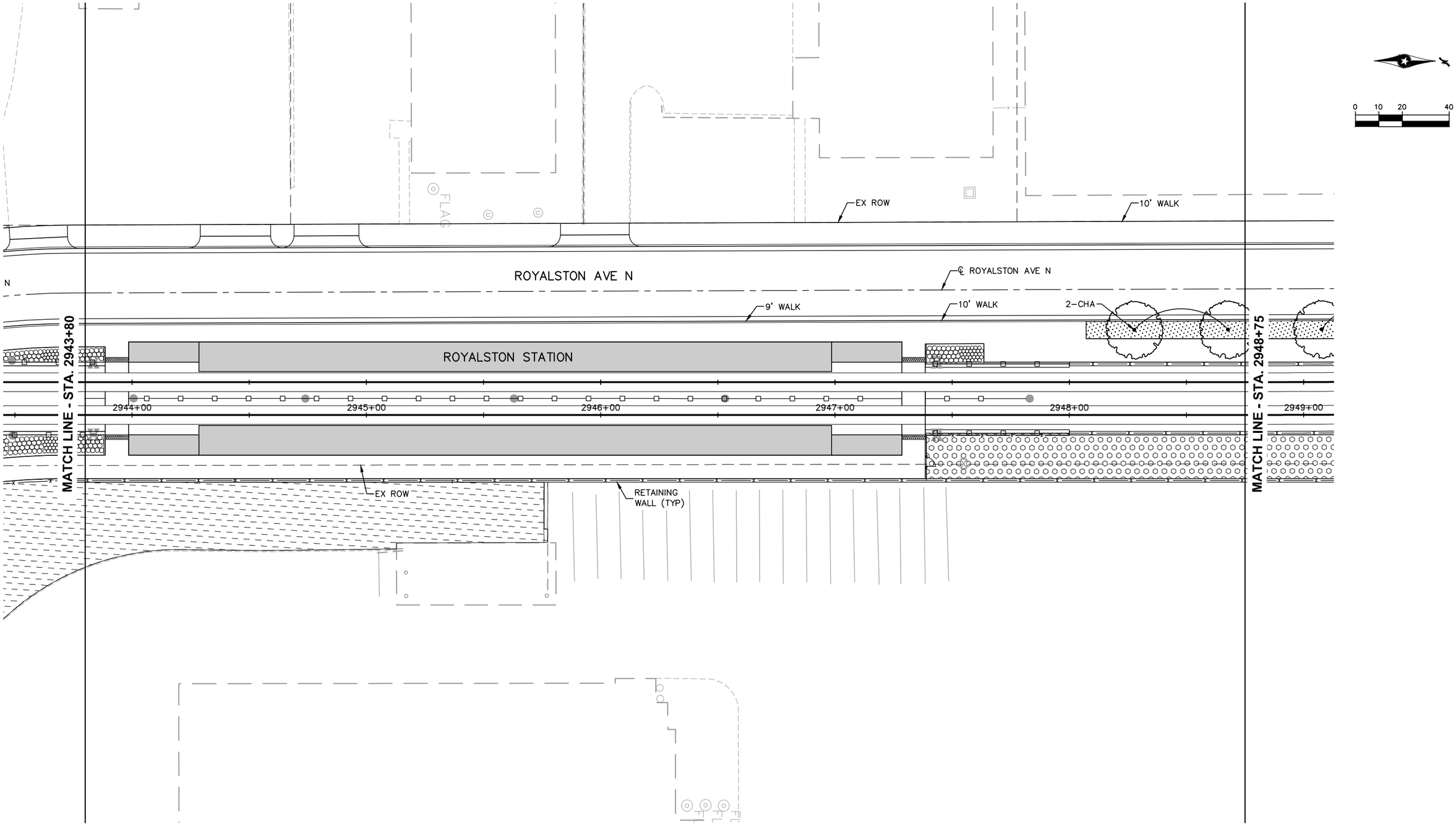
CIVIL - VOLUME 9
ROYALSTON STATION
LANDSCAPE PLAN 1
STA. 2938+15 TO STA. 2943+80

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 008

SHEET 293 OF 316

Jan, 19 2016 09:52 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

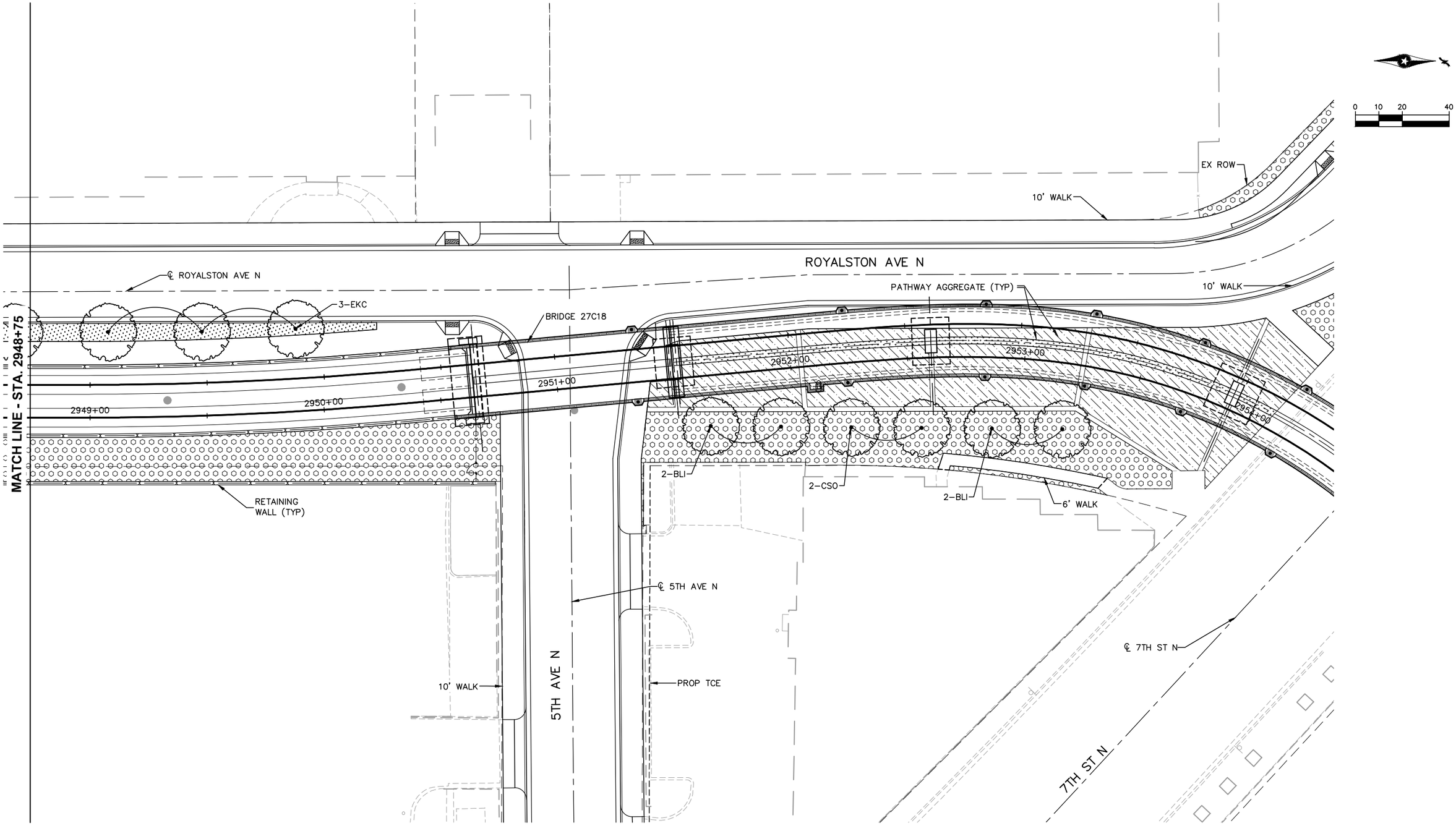
CIVIL - VOLUME 9
ROYALSTON STATION
LANDSCAPE PLAN 2
STA. 2943+80 TO STA. 2948+75

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 009

SHEET 294 OF 316

Jan, 19 2016 09:52 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

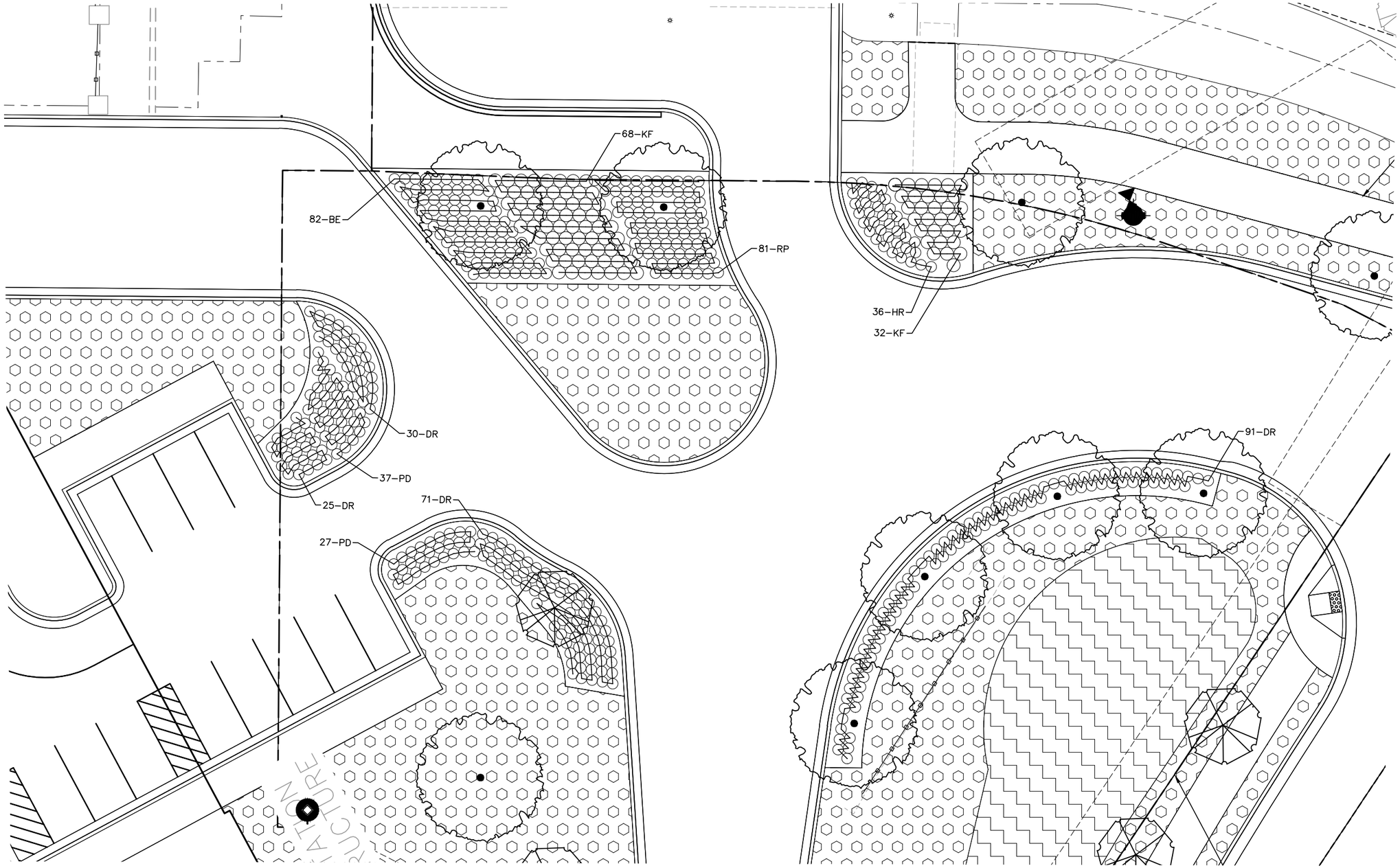
CIVIL - VOLUME 9
ROYALSTON STATION
LANDSCAPE PLAN 3
STA. 2948+75 TO STA. 2954+40

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-PLN - 010

SHEET 295 OF 316

Jan, 19 2016 09:52 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-PLN.dwg By: joseph.starbuck



NOTES:

0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
SOUTHWEST STATION
LANDSCAPE ENLARGEMENT PLAN

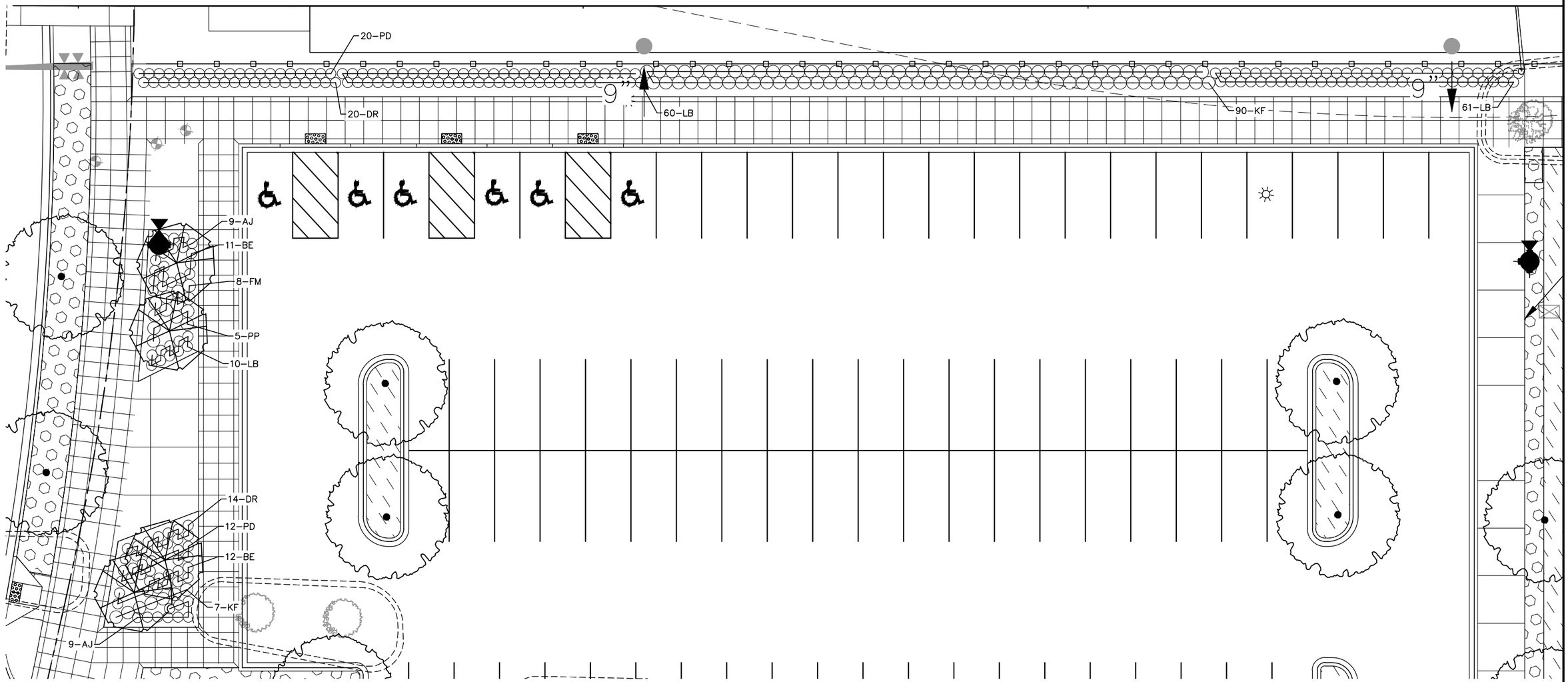
SHEET 296 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W1-LAN-PLN-ENLRG - 001

Jan, 21 2016 04:06 pm v:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\LANDSCAPE\W1-LAN-PLN-ENLRG.dwg By: okrzmarzick

NOTE:



0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
GOLDEN TRIANGLE STATION
LANDSCAPE ENLARGEMENT PLAN

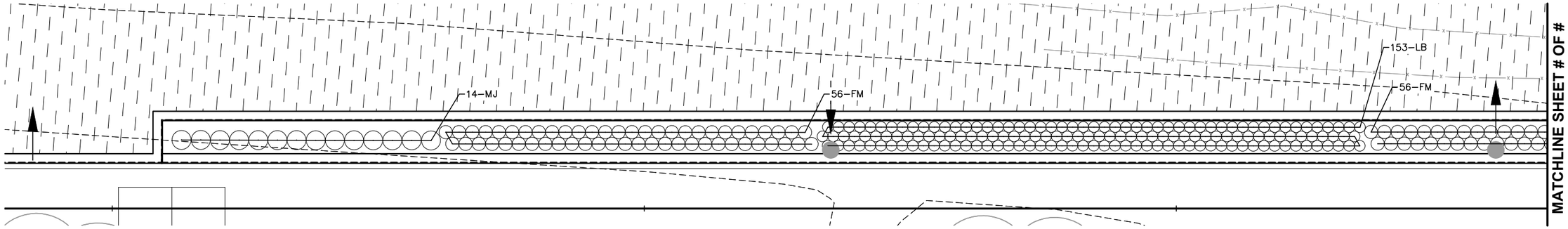
SHEET 297 OF 375

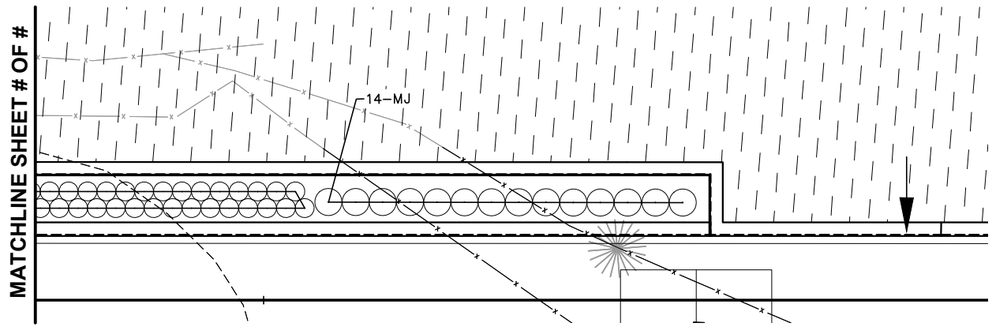
DISCIPLINE: LANDSCAPE ARCH

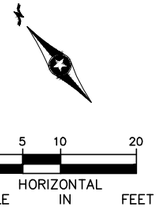
SHEET NAME: W2-LAN-PLN-ENLRG - 001

Jan, 18 2016 11:00 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-PLN-ENLRG.dwg By: sjergens

NOTE:







NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

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METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
CITY WEST STATION
LANDSCAPE ENLARGEMENT PLAN

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W2-LAN-PLN-ENLRG - 001

SHEET 298 OF 316

Jan, 18 2016 11:01 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-PLN-ENLRG.dwg By: sjergens

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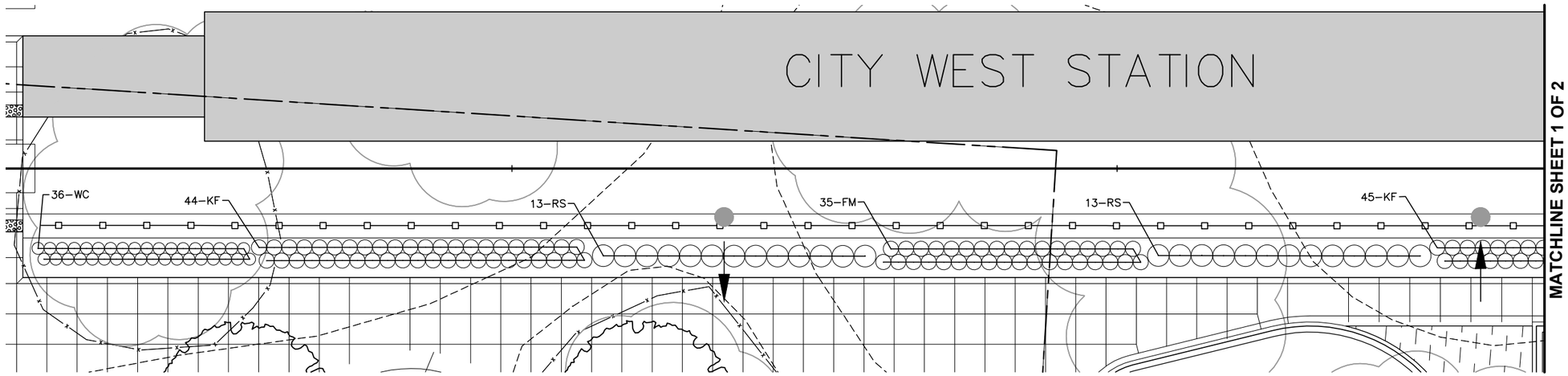
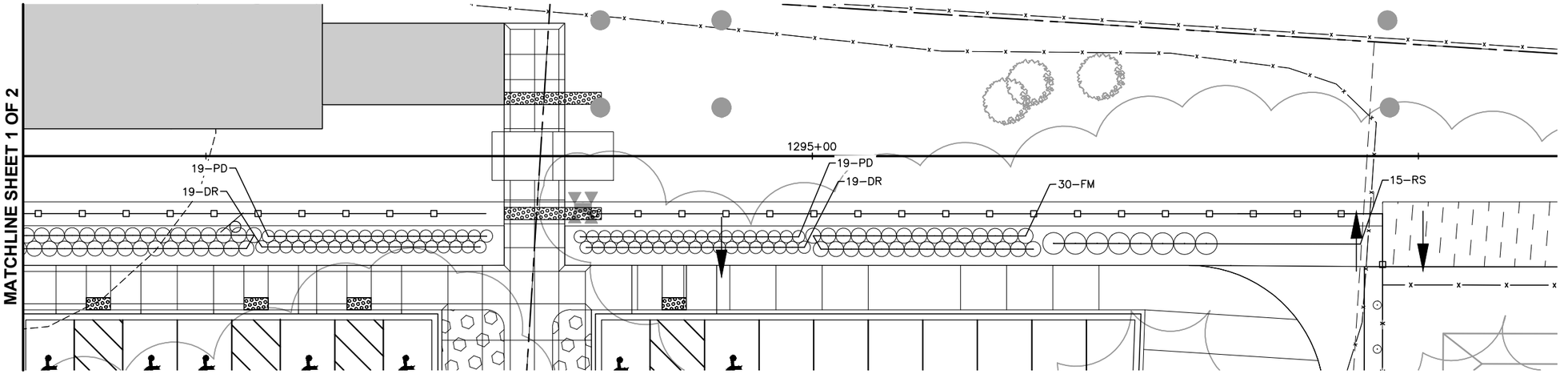








NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
CITY WEST STATION
LANDSCAPE ENLARGEMENT PLAN

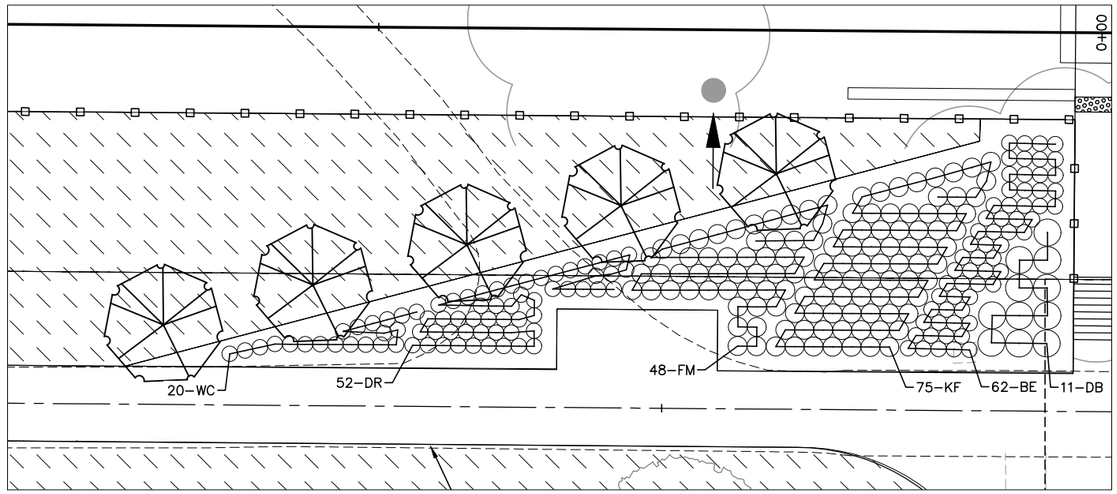
DISCIPLINE: LANDSCAPE ARCH

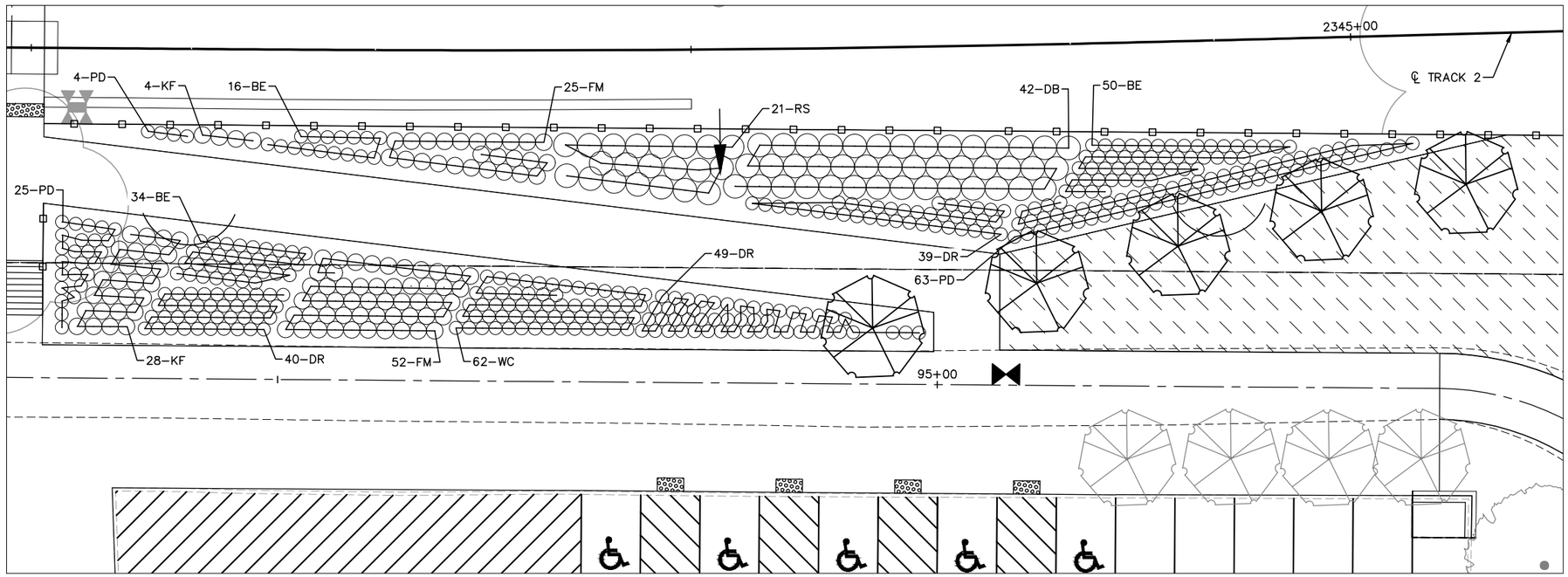
SHEET NAME: W2-LAN-PLN-ENLRG - 002

SHEET 299 OF 316

Jan, 18 2016 11:01 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\LANDSCAPE\W2-LAN-PLN-ENLRG.dwg By: sjergens

NOTE:
1. ADJUST TREE LOCATIONS TO RETAIN EXISTING TREES EAST OF STATION.





0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
OPUS STATION
LANDSCAPE ENLARGEMENT PLAN

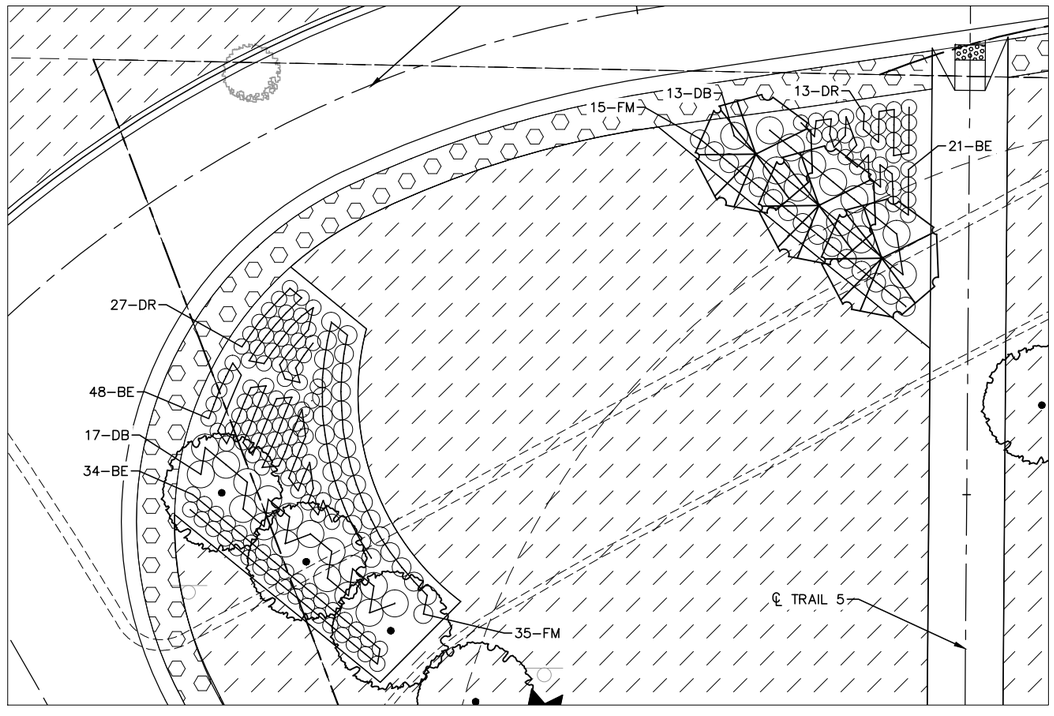
SHEET 300 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN-ENLRG - 001

Jan, 18 2016 11:04 am v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN-ENLRG.dwg By: sjergens

NOTE:
1. ADJUST TREE LOCATIONS TO RETAIN EXISTING TREES EAST OF STATION.



0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

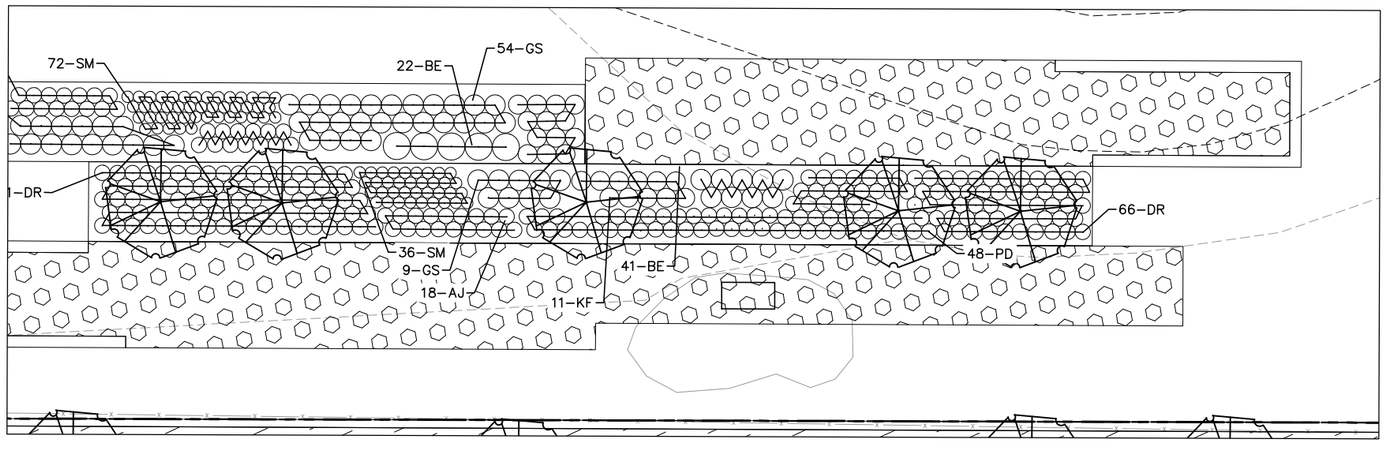
CIVIL - VOLUME 9
OPUS STATION
LANDSCAPE ENLARGEMENT PLAN

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W3-LAN-PLN-ENLRG - 002

SHEET 301 OF 316

Jan. 18 2016 11:04 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN-ENLRG.dwg By: sjergens

NOTE:
1. ADJUST TREE LOCATIONS TO RETAIN EXISTING TREES EAST OF STATION.



0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

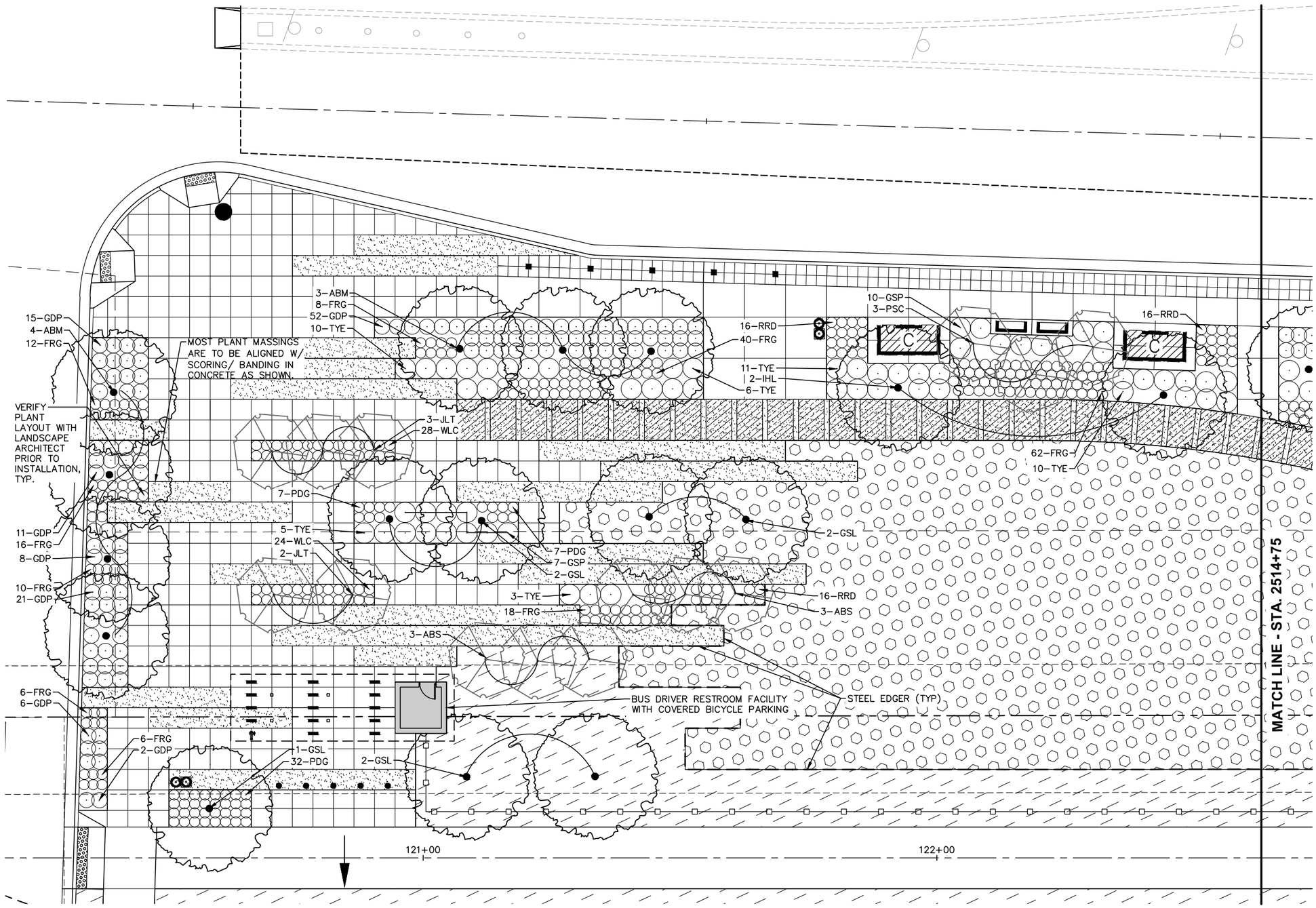
CIVIL - VOLUME 9
SHADY OAK STATION
LANDSCAPE ENLARGEMENT PLAN

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W3-LAN-PLN-ENLRG - 001

SHEET 302 OF 316

Jan, 18 2016 11:05 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\LANDSCAPE\W3-LAN-PLN-ENLRG.dwg By: sjergens



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

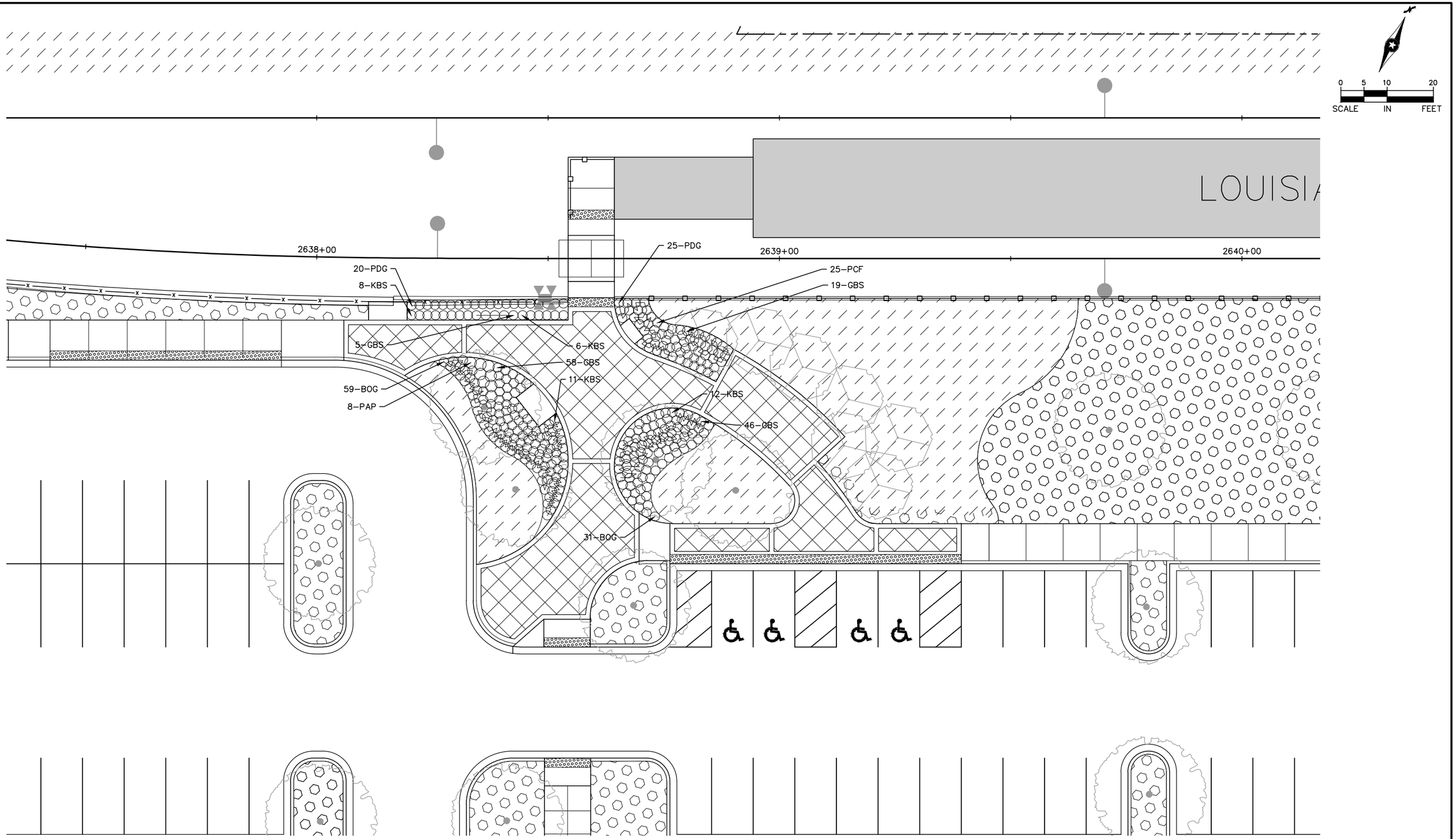
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
DOWNTOWN HOPKINS STATION
LANDSCAPE ENLARGEMENT PLAN

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E1-LAN-ENLRG-PLN - 001

SHEET 303 OF 316



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

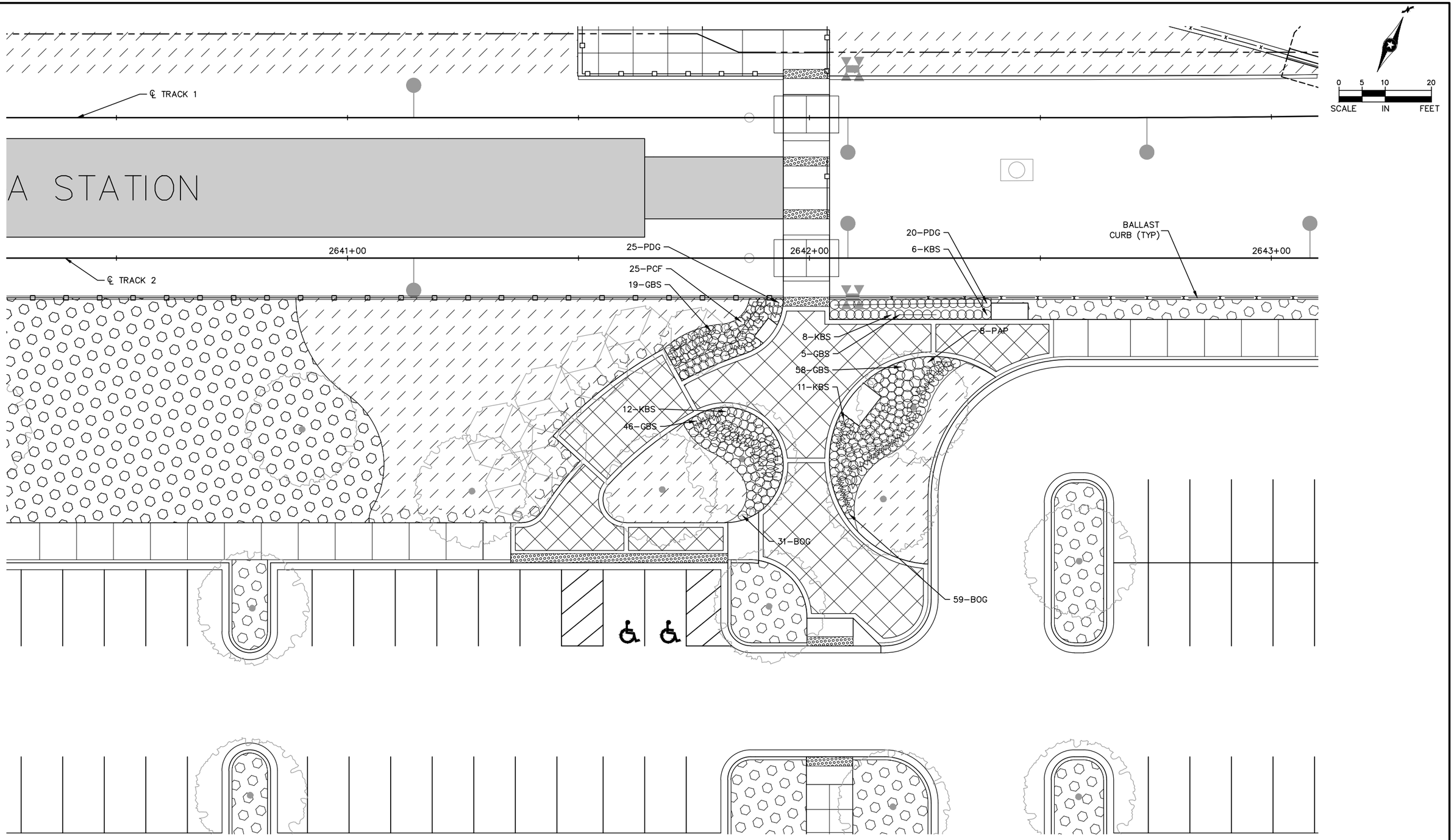
CIVIL - VOLUME 9
LOUISIANA STATION
LANDSCAPE ENLARGEMENT PLAN 1

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-ENLRG-PLN - 001

SHEET 304 OF 316

Jan, 18 2016 09:38 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E2-LAN-ENLRG-PLN.dwg By: joe.cogswell



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

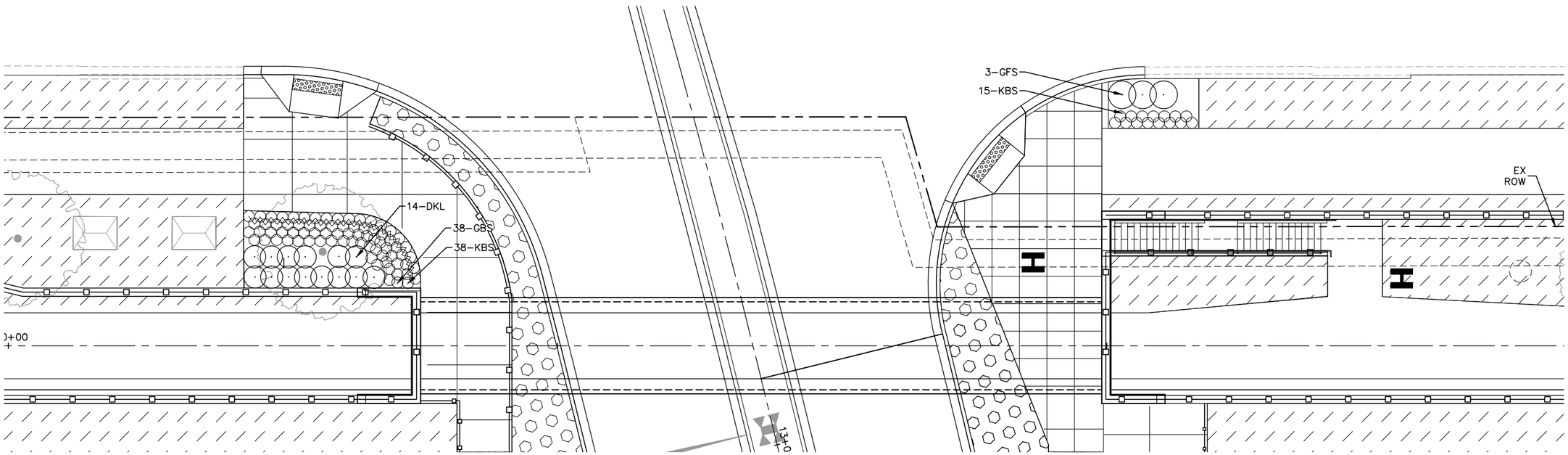
SOUTHWEST Green Line LRT Extension

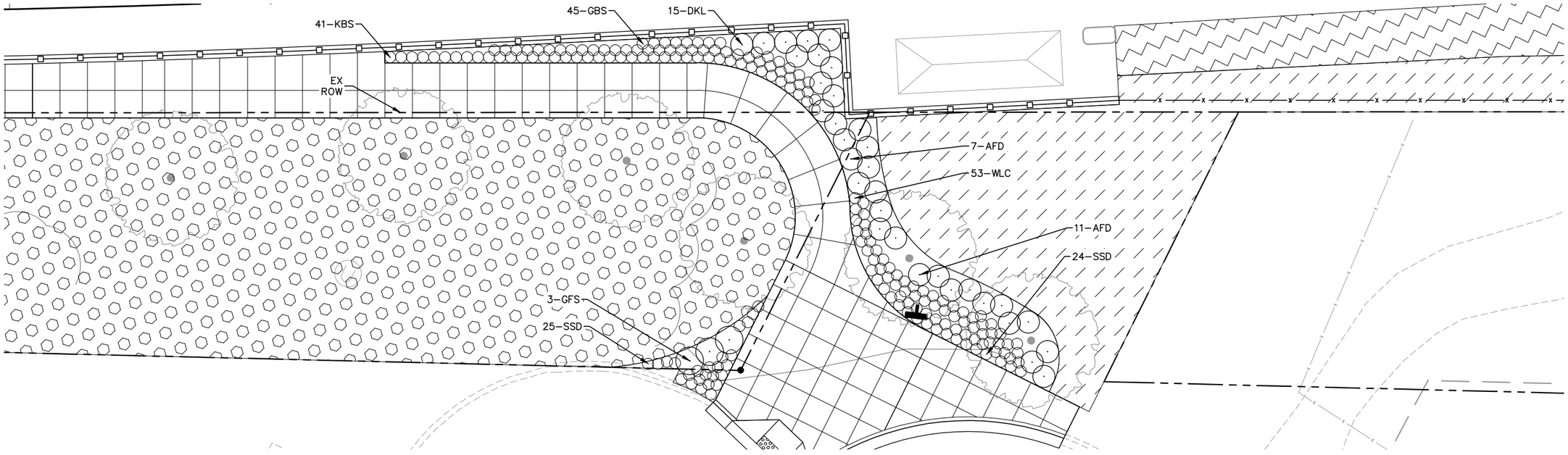
CIVIL - VOLUME 9
LOUISIANA STATION
LANDSCAPE ENLARGEMENT PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-ENLRG-PLN - 002

SHEET 305 OF 316





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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

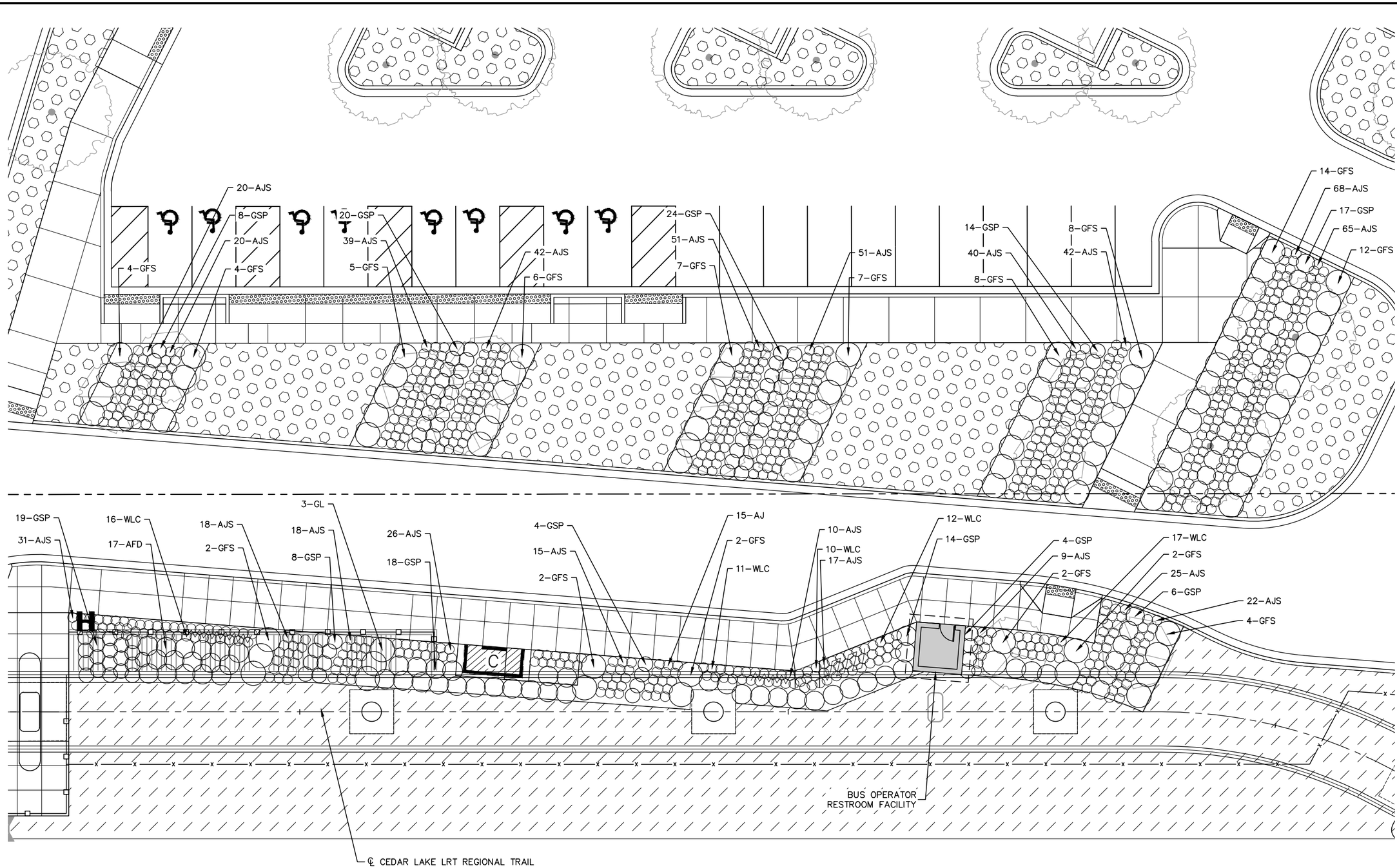
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
WOODDALE STATION
LANDSCAPE ENLARGEMENT PLAN

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-ENLRG-PLN - 003

SHEET 306 OF 316



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN COUNCIL

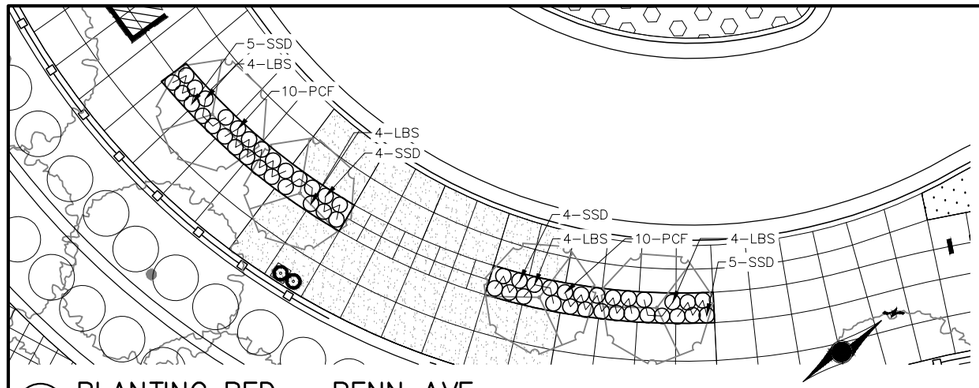
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
BELTLINE STATION
LANDSCAPE ENLARGEMENT PLAN

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E2-LAN-ENLRG-PLN - 004

SHEET 307 OF 316



1 PLANTING BED – PENN AVE
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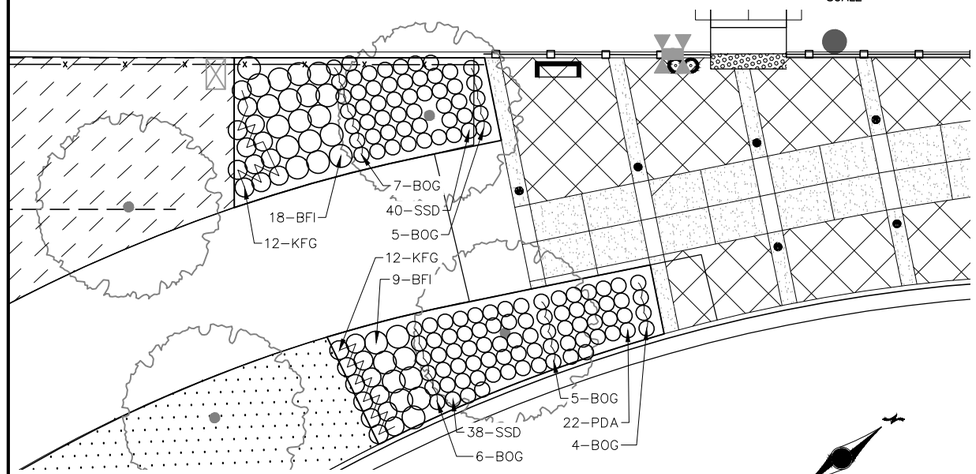
SCALE



2 PLANTING BED – VAN WHITE
SCALE: 1"= 10'–0"

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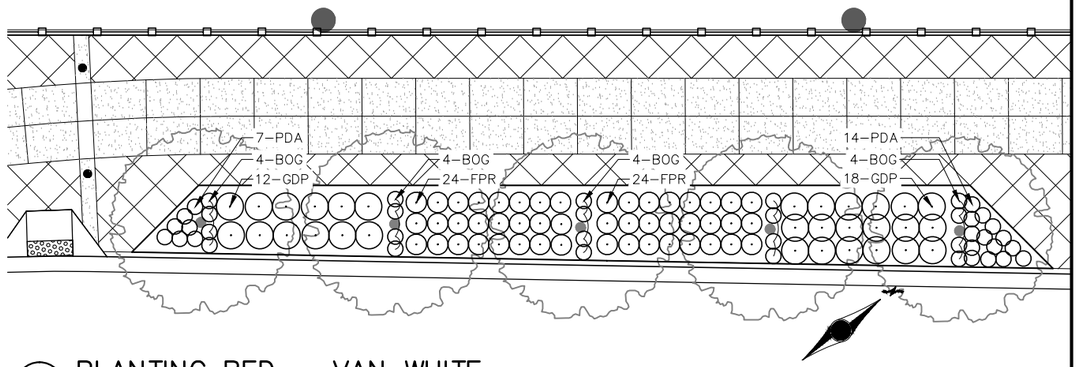
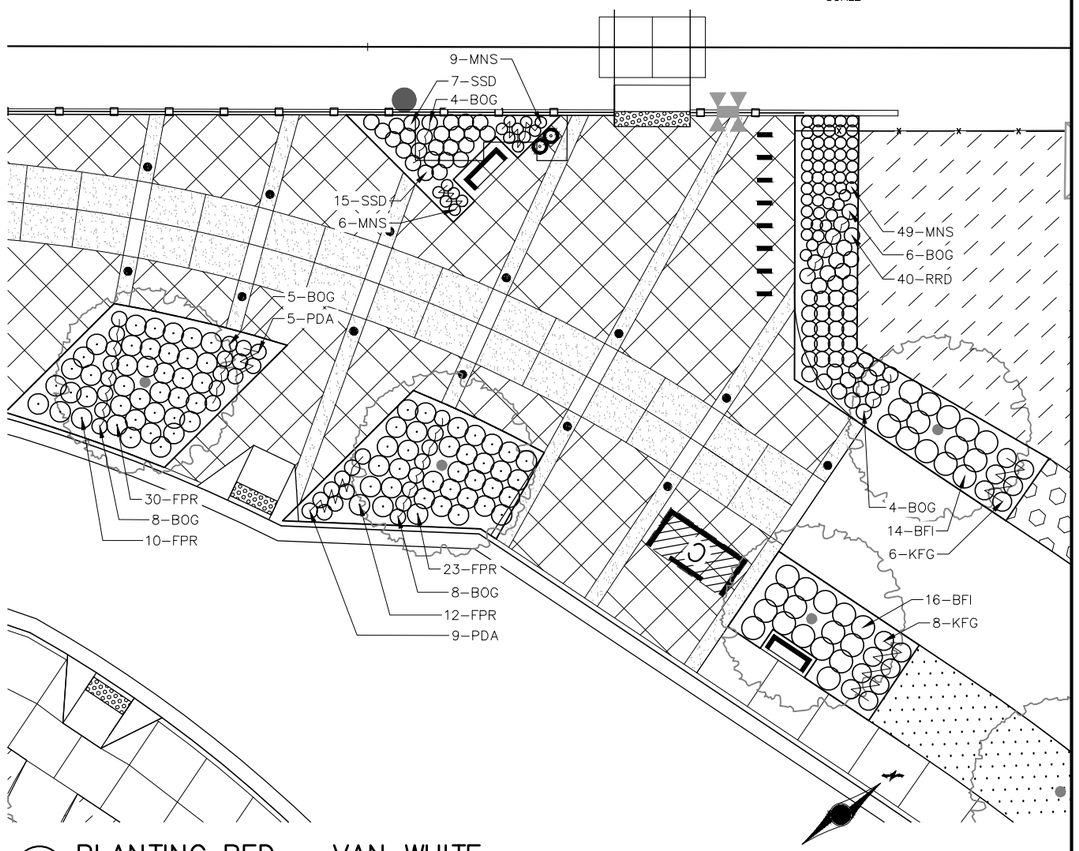
SCALE



3 PLANTING BED – VAN WHITE
SCALE: 1"= 10'–0"

0 10' 20'
SCALE



4 PLANTING BED – VAN WHITE
SCALE: 1"= 10'–0"

0 10' 20'
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

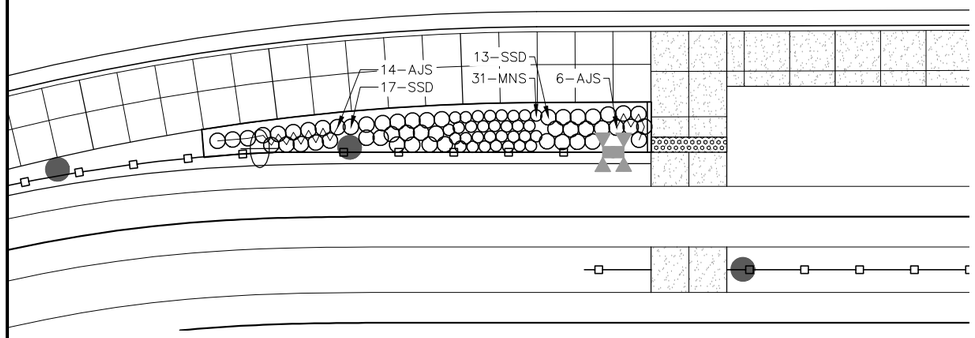
CIVIL - VOLUME 9
LANDSCAPE
LANDSCAPE ENLARGEMENT PLAN 1

DISCIPLINE: LANDSCAPE ARCH

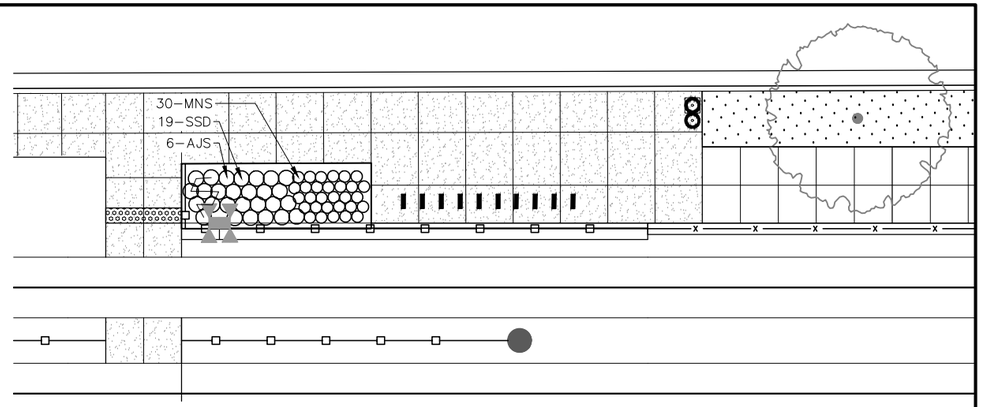
SHEET NAME: E4-LAN-ENLRG-PLN - 001

SHEET 308 OF 316

Jan, 19 2016 09:45 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-ENLRG-PLN.dwg By: joseph.starbuck



1 PLANTING BED – ROYALSTON
SCALE: 1"= 10'–0"



2 PLANTING BED – ROYALSTON
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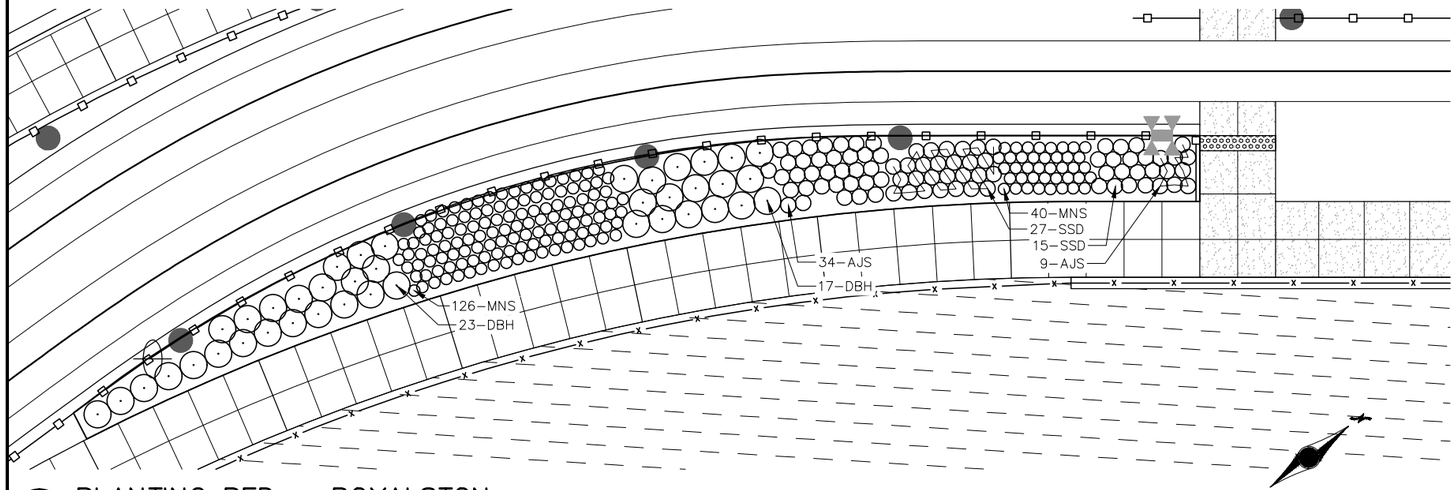

3 PLANTING BED – ROYALSTON
SCALE: 1"= 10'–0"

0 10' 20'
SCALE

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METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LANDSCAPE
LANDSCAPE ENLARGEMENT PLAN 2

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E4-LAN-ENLRG-PLN - 002

SHEET 309 OF 316

Jan. 19 2016 09:45 am v:\3400_ADC\CAD\00_EAST\PLANSHEETS\LANDSCAPE\E4-LAN-ENLRG-PLN.dwg By: joseph.starbuck

GENERAL NOTES

SEE SPECIAL PROVISIONS FOR SPECIFIC PROJECT REQUIREMENTS.

REFER TO MnDOT SPECIFICATIONS 2571, 3861, AND THE "2016 INSPECTION AND CONTRACT ADMINISTRATION MANUAL FOR MnDOT LANDSCAPE PROJECTS" FOR GENERAL REQUIREMENTS.

COMPLETE PREPARATORY WORK BEFORE STARTING INITIAL PLANTING OPERATIONS.

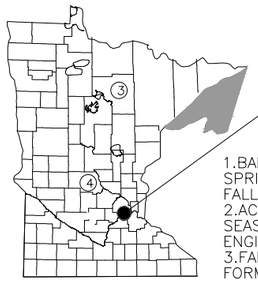
ACCEPT ALL PLANT STOCK IN ACCORDANCE WITH MnDOT 3861 PRIOR TO PLANTING.

THE CONTRACTOR WILL DEMONSTRATE COMPETENCY FOR SOIL CULTIVATION OPERATIONS IN ACCORDANCE WITH (MnDOT 2571.3D2 STEP 4)

THE CONTRACTOR WILL DEMONSTRATE COMPETENCY FOR ALL PLANT INSTALLATION OPERATIONS IN ACCORDANCE WITH MnDOT 2571.3F1

RODENT PROTECTION	SEE SPECIAL PROVISIONS AND STANDARD PLANTING DETAILS (C)
FERTILIZER	SEE SPECIAL PROVISIONS
COMPOST	MnDOT 3890 GRADE 2 UNLESS OTHERWISE SPECIFIED.
MULCH MATERIAL	DOUBLE SHREDDED HARDWOOD MULCH
MASS PLANTING BEDS	PREPARE MASS PLANTING BEDS FOR PLANTS PLACED AT 6' OR LESS, UNLESS OTHERWISE SPECIFIED ON SHEETS. PLANT BEDS IN STAGGERED ROWS ON THE PERIMETER FIRST, THEN UNIFORMLY FILL IN WITH REMAINING PLANTS. USE TRIANGULAR SPACING, UNLESS SPECIFIED OTHERWISE. PROVIDE 5' RADIUS CLEAR OF SHRUBS AROUND EACH DECIDUOUS TREE AND 8' CLEAR RADIUS AROUND EACH CONIFER TREE. RADIUS WILL BE MEASURED FROM THE CENTER OF THE TREE TO THE CENTER OF THE SHRUB. NOTIFY ENGINEER OF GROSS PLANT QUANTITY SURPLUS OR DEFICIENCY IMMEDIATELY. MULCH ENTIRE MASS PLANTING BED. SEE STANDARD PLANTING DETAILS (C)
TREE PAINTING (FROST CRACK PREVENTION)	NO PAINTING OF TREE STEMS SHALL BE REQUIRED.
PLANTING PLAN DIMENSIONS	STATED DIMENSIONS SUPERCEDE SCALING FROM PLAN.

WATERING GUIDELINES (MnDOT 2571.3G)	PLANT TYPE	AVERAGE GALLONS OF WATER PER APPLICATION
	MACHINE TRANSPLANTED TREES	50–100
	BALLED AND BURLAPPED TREES	20
	BARE ROOT AND CONTAINER TREES	15
	BALLED AND BURLAPPED SHRUBS	10
	BARE ROOT AND CONTAINER SHRUBS	7
	WOODY SEEDLINGS	4
	PERENNIALS AND VINES	3
	IT IS THE CONTRACTOR'S RESPONSIBILITY TO MONITOR AND MAINTAIN SOIL MOISTURE AT ADEQUATE BUT NOT EXCESSIVE LEVELS. THE AMOUNTS LISTED ABOVE ARE GUIDELINES, NOT REQUIREMENTS.	



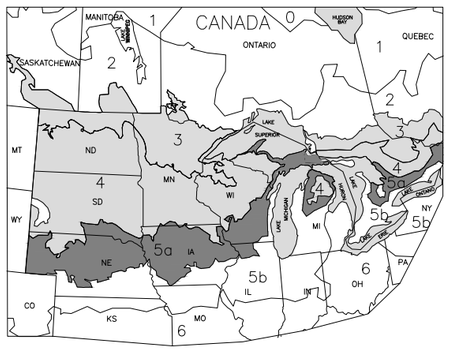
PROJECT LOCATION

1.BARE ROOT PERENNIALS MUST BE INSTALLED IN THE SPRING NO LATER THAN JUNE 1ST OR FOLLOW THE FALL DECIDUOUS PLANTING DATES.
2.ACTUAL DATES MAY CHANGE DEPENDING UPON SEASONAL CONDITIONS, AS DETERMINED BY THE ENGINEER.
3.FALL PLANTING IS NOT ALLOWED FOR BARE ROOT FORM OF THE FOLLOWING SPECIES: HAWTHORN, DOGWOOD, POPLAR, HACKBERRY, LINDEN, IRONWOOD, HONEYLOCUST, BIRCH, MOUNTAIN ASH, MAPLE, WILLOW, CRABAPPLE, PLUM/CHERRY, OAKS, AND SUMAC.
4.ALL REPLACEMENT PLANTS MUST BE INSTALLED DURING THE MONTH OF MAY DURING THE FIRST YEAR OF THE PLANT ESTABLISHMENT PERIOD.

PLANTING DATES BY ZONE						
KEY	SPRING				FALL	
	DECIDUOUS	CONIFEROUS	PERENNIALS	SEEDLINGS	DECIDUOUS	CONIFEROUS
③	APRIL 21 TO JUNE 1	APRIL 21 TO JUNE 1	MAY 1 TO JUNE 15	APRIL 21 TO JUNE 1	OCT. 1 TO NOV. 1	AUG. 25 TO SEPT. 15
④	APRIL 7 TO JUNE 1	APRIL 7 TO MAY 17	MAY 1 TO JUNE 15	APRIL 7 TO MAY 17	OCT. 10 TO NOV. 15	AUG. 25 TO SEPT. 15

PLANT INSTALLATION PERIOD

(MnDOT 2571.3F2)



ACCEPTABLE ZONES		
ZONES	LEGEND	MIN. TEMP
3		-34°4 TO -40° F
4		-28°9 TO -34.4° F
5a		-26°1 TO -28.9° F

UNACCEPTABLE ZONES	
ZONES	LEGEND
0, 1, 2, 5b and 6	

FOR ALL PLANT STOCK, DOCUMENT ACCEPTABILITY FOR HARDINESS IN THE MINNESOTA ZONE WHERE THE PROJECT SITE IS LOCATED, AS FOLLOWS:

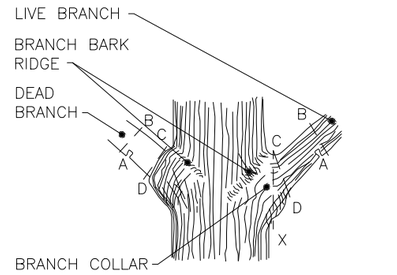
A.PLANT STOCK CONTINUOUSLY GROWN FOR AT LEAST THE LAST TWO YEARS WITHIN THE ACCEPTABLE LIMITS SHOWN.

OR

B.PLANT STOCK, GROWN OUTSIDE THE ACCEPTABLE GROWING RANGE LIMITS, HAVING SEED SOURCE OR ROOT AND GRAFT STOCK ORIGINATING FROM THE ACCEPTABLE LIMITS SHOWN.

ACCEPTABLE PLANT STOCK GROWING RANGE LIMITS

SOURCE: USDA PLANT HARDINESS ZONE MAP (MnDOT 3861.2C)

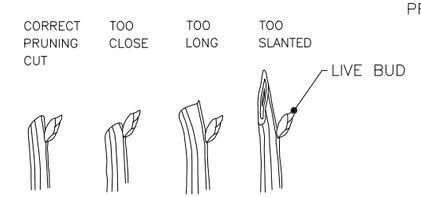


BRANCHES PRUNED AT TRUNK
(SHIGO METHOD)

STEPS TO PRUNING WITH PRUNING SAW:
1.CUT PART WAY THROUGH THE BRANCH AT POINT A.
2.CUT COMPLETELY THROUGH BRANCH FROM POINT B TO A.
3.AT BRANCH COLLAR CUT FROM POINT C TO D.

INCORRECT CUT FROM POINT C TO X (TOO CLOSE) WILL RESULT IN DISCONTINUOUS CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

CORRECT CUT FROM POINT C TO D (LEAVING BRANCH COLLAR BUT NOT THE STUB FROM POINT B TO A) WILL RESULT IN CONTINUOUS DOUGHNUT SHAPED CALLUS FORMATION AFTER ONE SEASON OF GROWTH.



BRANCHES PRUNED TO LIVE BUD

PRUNING NOTES:
1.PRUNE USING CLEAN AND SHARP SCISSOR–TYPE PRUNER OR PRUNING SAW.
2.THE BEST TIME TO PRUNE IS LATE DORMANT SEASON OR EARLY SPRING.
3.AVOID PRUNING OAKS IN APRIL, MAY, JUNE OR JULY.
4.IF PRUNING IS NECESSARY OR IF WOUNDS OCCUR TO OAK TREES IN APRIL, MAY, JUNE OR JULY, IMMEDIATELY PAINT CUT SURFACE OR WOUND WITH LATEX PAINT OR SHELLAC.

PRUNING

(MnDOT 2571.3K2a9 and 2571.3E1)

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc. METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 9
LANDSCAPE DETAILS SHEET 1

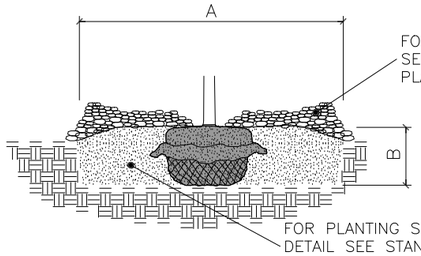
DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W0-LAN-DTLA - 001

SHEET 310 OF 316

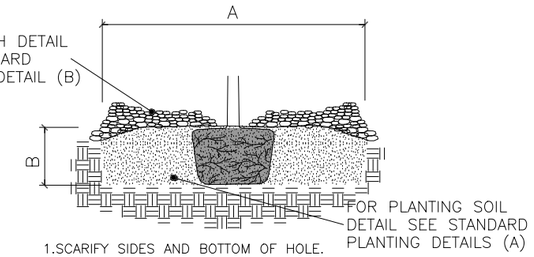
Jan, 18 2016 12:16 pm V:\3400_ADC\CAD\OVERALL\PLAN SHEETS\LANDSCAPE\W0-LAN-DTLA.dwg By: dkrzmarzick

PLANTING HOLE DIMENSIONS			
HOLE DEPTH FOR B&B AND CONTAINER PLANTS SHALL NOT EXCEED MEASUREMENT FROM ROOT FLAIR TO BOTTOM OF SOIL BALL.			
PLANT TYPE	PLANT SIZE UP TO AND INCLUDING	(A) MINIMUM HOLE WIDTH	(B) APPROXIMATE HOLE DEPTH
DECIDUOUS & ORNAMENTAL TREES	3' B.R.	46"	13"
	4' B.R	46"	14"
	5' B.R.	48"	14"
	6' B.R.	54"	15"
	7' B.R	60"	16"
	8' B.R.	66"	19"
	0.75" B.R.	48'	12"
	1" B.R.	54"	14"
	1.25" B.R.	60"	14"
	1.5 B.R.	66"	15"
	1.75" B.R	72"	16"
	2" B.R.	84"	19"
	4" B.B.	42"	11"
	5' B.B.	48"	12"
	6' B.B.	52"	14"
	8' B.B.	66"	16"
	10' B.B.	66"	16"
	12' B.B.	48"	16"
	1" B.B.	54"	14"
	1.25" B.B.	56"	15"
	1.5" B.B.	61"	15"
	1.75" B.B.	66"	16"
	2" B.B.	72"	16"
	2.5" B.B.	84"	19"
	3" B.B.	96"	20"
	3.5" B.B.	114"	23"
	4" B.B.	126"	25"
DECIDUOUS SHRUBS, ROSES AND PERENNIALS PERENNIAL HOLE DEPTH AND WIDTH SHALL BE BASED UPON ON-CENTER SPACING IN A CONTINUOUS TRENCH.	12" B.R.	24"	7"
	15" B.R.	28"	8"
	18" B.R.	30"	8"
	2' B.R.	33"	9"
	3' B.R.	42"	11"
	4' B.B.	48"	12"
	5' B.R.	54"	14"
	6' B.R.	60"	14"
	18" B.B.	27"	7"
	2' B.B.	30"	8"
	3' B.B.	36"	9"
	4' B.B.	42"	11"
	5' B.B.	48"	12"
	6' B.B.	54"	14"



1.SCARIFY SIDES AND BOTTOM OF HOLE.
2.PROCEED WITH CORRECTIVE PRUNING.
3.SET PLANT ON UNDISTURBED NATIVE SOIL OR THOROUGHLY COMPACTED PLANTING SOIL. INSTALL PLANT SO THE ROOT FLARE IS AT OR UP TO 2" ABOVE THE FINISHED GRADE WITH BURLAP AND WIRE BASKET, (IF USED), INTACT.
4.SLIT REMAINING TREATED BURLAP AT 6" INTERVALS.
5.BACKFILL TO WITHIN APPROXIMATELY 12" OF THE TOP OF THE ROOTBALL, THEN WATER PLANT.
6.REMOVE THE TOP 1/3 OF THE BASKET OR THE TOP TWO HORIZONTAL RINGS WHICHEVER IS GREATER. REMOVE ALL BURLAP AND NAILS FROM THE TOP 1/3 OF THE BALL. REMOVE ALL TWINE. REMOVE OR CORRECT STEM GIRDLING ROOTS.
7.PLUMB AND BACKFILL WITH PLANTING SOIL.
8.WATER THOROUGHLY WITHIN 2 HOURS TO SETTLE PLANTS AND FILL VOIDS.
9.BACK FILL VOIDS AND WATER A SECOND TIME.
10.PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.

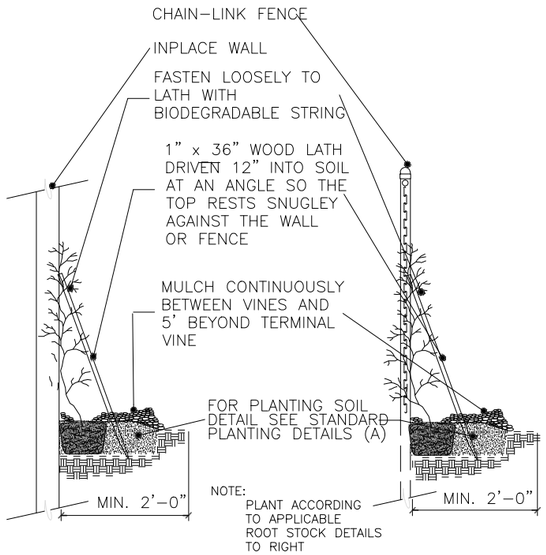
BALLED & BURLAPPED STOCK



1.SCARIFY SIDES AND BOTTOM OF HOLE.
2.PROCEED WITH CORRECTIVE PRUNING OF TOP AND ROOT.
3.REMOVE CONTAINER AND SCORE OUTSIDE OF SOIL MASS TO REDIRECT AND PREVENT CIRCLING FIBROUS ROOTS. REMOVE OR CORRECT STEM GIRDLING ROOTS.
4.SET PLANT ON UNDISTURBED NATIVE SOIL OR THOROUGHLY COMPACTED PLANTING SOIL. INSTALL PLANT SO THE TOP OF THE ROOT FLARE IS AT OR UP TO 2" ABOVE THE FINISHED GRADE.
5.PLUMB AND BACKFILL WITH PLANTING SOIL.
6.WATER THOROUGHLY WITHIN 2 HOURS TO SETTLE PLANT AND FILL VOIDS.
7.BACK FILL VOIDS AND WATER A SECOND TIME.
8.PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.

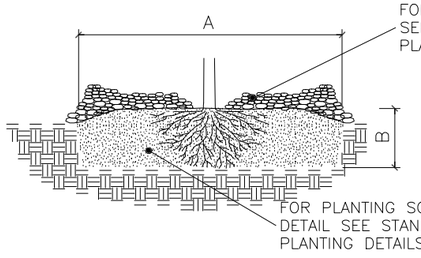
CONTAINER STOCK

PLANTING HOLE DIMENSIONS			
HOLE DEPTH FOR B&B AND CONTAINER PLANTS SHALL NOT EXCEED MEASUREMENT FROM ROOT FLAIR TO BOTTOM OF SOIL BALL.			
PLANT TYPE	PLANT SIZE UP TO AND INCLUDING	(A) MINIMUM HOLE WIDTH	(B) APPROXIMATE HOLE DEPTH
CONIFEROUS TREES AT LEAST 2/3 OF ALL CONIFER BRANCHES WILL CONTAIN TERMINAL BUDS	2' B.B	36"	10"
	3' B.B	42"	11"
	4' B.B	51"	13"
	5' B.B	60"	13"
	6' B.B	66"	15"
	7' B.B	72"	16"
	8' B.B	81"	18"
	9' B.B	90"	20"
	10' B.B	102"	21"
	12' B.B	114"	24"
CONIFEROUS SHRUBS (UPRIGHT)	18" B.B.	24"	7"
	3' B.B.	48"	12"
CONIFEROUS SHRUBS (SPREADING)	18" SPR B.B.	30"	8"
	2' SPR B.B.	36"	9"
CONTAINER GROWN PLANTS	CELLPACKS / PLUGS	6"	2.5"
	2.25" CONT.	7"	3"
	3.5" CONT.	10"	3"
	4" CONT.	11"	4"
	4.5" CONT.	13"	4"
	6"/1 QT CONT.	15"	5.5"
	1# CONT.	18"	6"
	2# CONT.	23"	7.5"
	3# CONT.	29"	8.5"
	5# CONT.	30"	11"
	7# CONT.	37"	11"
	15# CONT.	44"	14"
	10# CONT.	45"	15"
	20# CONT.	60"	16"
	25# CONT.	72"	17"
SEEDLINGS	6" SEEDLING	15"	14"
	9" SEEDLING	18"	14"
	12" SEEDLING	23"	16"
	18" SEEDLING	30"	16"
	2' SEEDLING	36"	18"
VINES	1 YR. MED B.R.	15"	11"
	1 YR. NO. 1 B.R.	17"	14"
	2 YR. MED. B.R.	33"	12"
	2 YR. NO. 1 B.R.	42"	15"



WALL INSTALLATION FENCE INSTALLATION

INSTALLATION OF VINES

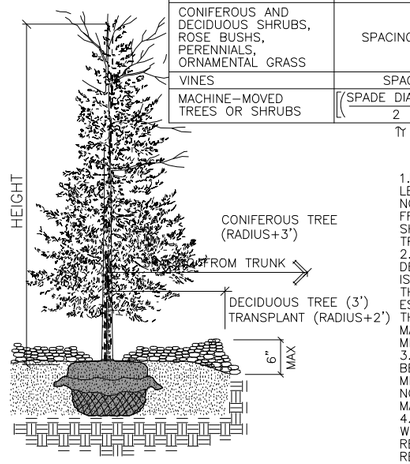


1.SOAK ROOTS IN WATER FOR AT LEAST ONE HOUR BUT NOT MORE THAN 24 HOURS PRIOR TO PLANTING.
2.SCARIFY SIDES AND BOTTOM OF HOLE.
3.PROCEED WITH CORRECTIVE PRUNING OF THE TOP AND ROOTS.
4.TRANSFER PLANT DIRECTLY FROM WATER TO HOLE. SET PLANT SO THE ROOT FLARE IS AT THE FINISHED SOIL ELEVATION. SPREAD ROOTS OUT EVENLY. PLUMB AND IMMEDIATELY BACKFILL WITH PLANTING SOIL.
5.WATER THOROUGHLY WITHIN 2 HOURS TO SETTLE PLANTS AND FILL VOIDS.
6.BACK FILL VOIDS AND WATER A SECOND TIME.
7.PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.

BARE ROOT STOCK

INSTALLATION OF PLANTS (MnDOT 2571.3F)

MULCH AREA CALCULATOR	
TYPE OF PLANT	SQ. FT. PER PLANT
CONIFEROUS TREES	$\left[\left(\frac{3 / 5 \times \text{HEIGHT}}{2}\right)+3\right]^2 \times \pi$
DECIDUOUS AND ORNAMENTAL TREES	$3^2 \times \pi$
CONIFEROUS AND DECIDUOUS SHRUBS, ROSE BUSHS, PERENNIALS, ORNAMENTAL GRASS	SPACING x SPACING
VINES	SPACING x 2
MACHINE-MOVED TREES OR SHRUBS	$\left[\left(\frac{\text{SPADE DIAMETER}}{2}\right)+1\right]^2 \times \pi$
π = 3.1416	



1.PULL MULCH BACK NO LESS THAN 3" AND NO MORE THAN 6" FROM TREES AND SHRUBS AT THE TRUNK OR MAIN STEM.
2.SUBSIDING OR DETERIORATING MULCH IS ACCEPTABLE THROUGHOUT THE ESTABLISHED PERIOD IF THE MULCH DEPTH IS MAINTAINED AT A MINIMUM 3" DEPTH.
3.ADD MULCH WHEN BELOW THE 3" MINIMUM DEPTH, DO NOT EXCEED THE 6" MAXIMUM DEPTH.
4.MULCH CONTAMINATED WITH SOIL MUST BE REMOVED AND REPLACED.

MULCH PLACEMENT (MnDOT 2571.3H)

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CIVIL - VOLUME 9
LANDSCAPE DETAILS SHEET 2

SHEET 311 OF 316

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W0-LAN-DTLA - 002

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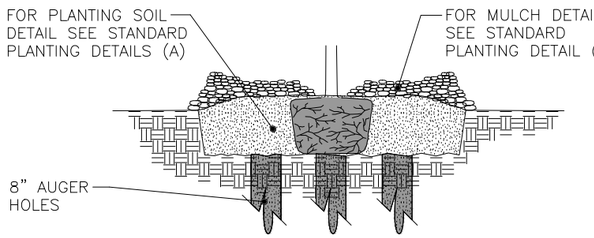
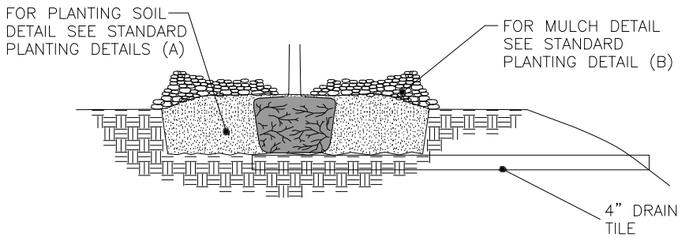


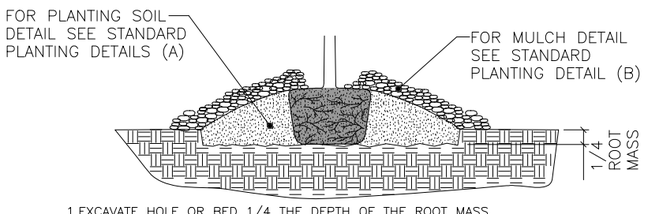
1.EXCAVATE HOLE OR BED TO ALLOW PLACING THE TOP OF ROOT MASS 1"–3" HIGHER THAN FINISHED GRADE.
2.AUGER 8" DIAMETER HOLES ENTIRELY THROUGH IMPERVIOUS OR POORLY DRAINED HARD PAN SOIL LAYER TO ADEQUATELY DRAIN SUBSOIL.
3.TEST FOR POSITIVE DRAINAGE. RE–AUGER AN ADDITIONAL 8" IF NECESSARY FOR POSITIVE DRAINAGE.
4.THOUROUGHLY BACKFILL AUGER HOLES WITH A UNIFORM INCORPORATED MIXTURE OF 50% SAND AND 50% INPLACE SOIL.
5.COMPLETE PLANTING ACCORDING TO ROOT TYPE. SEE STANDARD PLANTING DETAILS (B).

INSTALL GRANULAR FILTER



1.EXCAVATE HOLE OR BED TO ALLOW PLACING THE TOP OF THE ROOT MASS 1"–3" HIGHER THAN FINISHED GRADE.
2.INSTALL 4" MINIMUM DIAMETER DRAIN TILE DAYLIGHTING AT A LOWER GRADE.
3.COMPLETE PLANTING ACCORDING TO ROOT TYPE. SEE STANDARD PLANTING DETAILS (B).

INSTALL TILE DRAINAGE



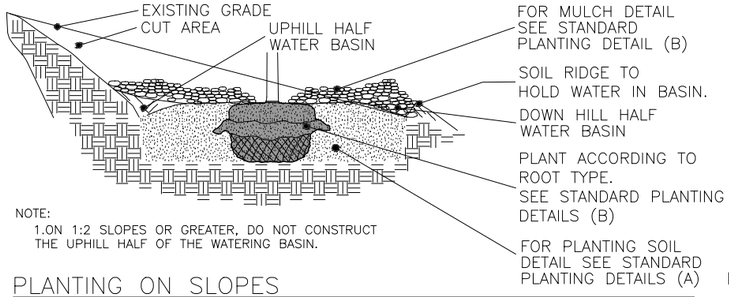
1.EXCAVATE HOLE OR BED 1/4 THE DEPTH OF THE ROOT MASS.
2.SET ROOT MASS IN HOLE.
3.CONSTRUCT BERM WITH PLANTING SOIL. EXTEND THE BERM BASE TO A WIDTH OF 3 TIMES THE BERM HEIGHT.
4.COMPLETE PLANTING ACCORDING ROOT TYPE. SEE STANDARD PLANTING DETAILS (B).

INSTALL MINI–BERM

NOTE:
1.THE NEED FOR USING PLANTING DETAILS FOR POORLY DRAINED SOILS AND WHICH TYPE TO USE ARE DETERMINED BY THE CONTRACTOR, SUBJECT TO ENGINEER APPROVAL.

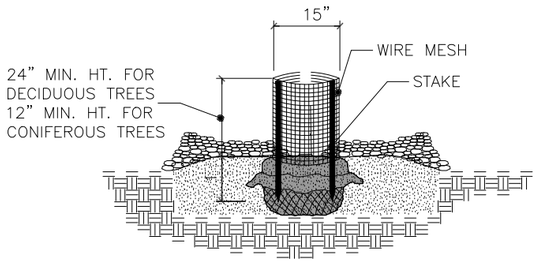
PLANTING DETAIL FOR POORLY DRAINED SOILS

(MnDOT 2571.3D2 (STEP 8)



NOTE:
1.ON 1:2 SLOPES OR GREATER, DO NOT CONSTRUCT THE UPHILL HALF OF THE WATERING BASIN.

PLANTING ON SLOPES

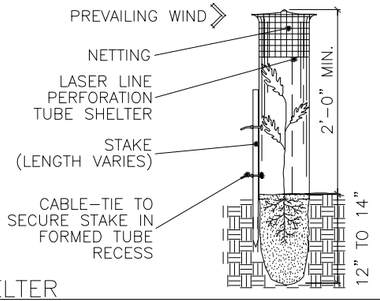


1.FORM A DOUBLE–LAYERED CYLINDER USING 0.25" GRID GALVANIZED WELDED WIRE MESH (HARDWARE CLOTH). OVERLAP THE CUT END 2".
2.DRIVE TWO 1" x 1" OPPOSING HEARTWOOD WHITE OAK STAKES INTO THE GROUND, 7" FROM THE CENTER OF THE TREE STEM.
3.SECURE THE MESH CYLINDER TO THE OUTSIDE OF THE STAKES USING EITHER, SCREWS AND WASHERS OR CABLE–TIES ALONG THE OVERLAP. SPACE APPROXIMATELY 4" ON CENTER ALONG THE OVERLAP.
a.SCREWS SHALL BE ROUND HEAD GALVANIZED 1/8" DIA. x 3/4" LONG WITH WASHERS.
OR
b.CABLE–TIES SHALL BE NYLON, AT LEAST 8" LONG AND BETWEEN 75LB TO 120LB TENSILE STRENGTH.
4.EMBED THE LOWER EDGE OF THE MESH CYLINDER 1" BELOW THE SOIL SURFACE WITHOUT DISTURBING THE TREE ROOTS.
5.CUT EDGES WILL NOT BE PERMITTED AT THE TOP OF THE CYLINDER. STAKE WILL BE FLUSH WITH THE TOP OF THE CYLINDER.
6.MULCH WITHIN THE CYLINDER SHALL NOT EXCEED 3" DEPTH AND SHALL BE PULLED BACK FROM THE TRUNK AS SPECIFIED IN MULCH PLACEMENT DETAIL.
7.THE BOTTOM WHORL OF PINE AND LARCH BRANCHES MAY HAVE TO BE REMOVED TO PERMIT INSTALLATION OF 12" MIN. HEIGHT RODENT GUARDS.
8.INSTALL ON ALL DECIDUOUS, PINE AND LARCH TREES, DO NOT PLACE ON SPRUCE TREES.

RODENT PROTECTION

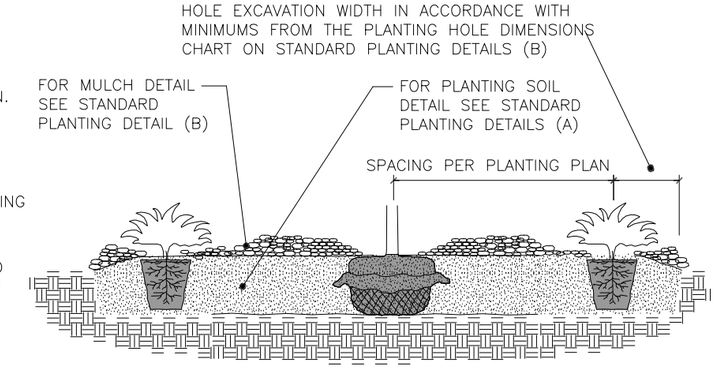
(MnDOT 2571.3I2)

1.USE SEAMLESS, EXTRUDED, TWIN–WALL, RIGID AND SEMI TRANSLUCENT POLYPROPYLENE TUBES WITH A LASER LINE PERFORATION AND AN OUTWARD–FLARED TOP RIM.
2.SECURE SHELTER WITH NYLON CABLE–TIES ATTACHED TO A 1" x 1" WHITE OAK STAKE TO PREVENT DISLODGING OR TWISTING.
3.EMBED THE BOTTOM OF THE TUBE A MINIMUM OF 1" BELOW THE SOIL SURFACE WITHOUT DISTURBING THE TREE ROOTS.
4.INSTALL A PLASTIC PHOTODEGRADABLE NETTING COVER AND SLEEVE OVER THE TOP OF THE TUBE. PULL NETTING DOWN AS SHOWN.

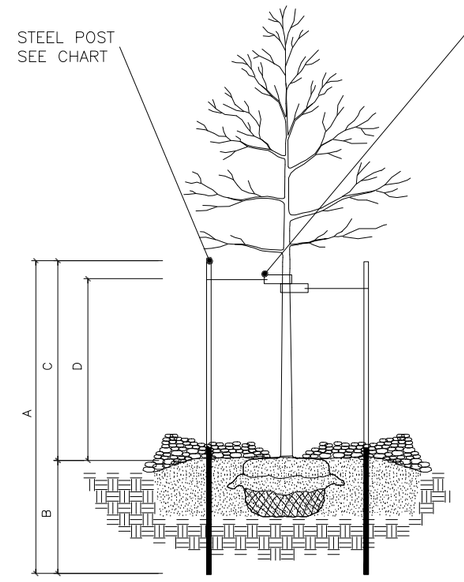


SEEDLING TREE SHELTER

(MnDOT 2571.3I4)



PLANT SPACING IN MASS BEDS



1.STEEL POSTS TO BE NOTCHED OR DRILLED TO RETAIN GUY WIRES. PLACE OUTSIDE OF ROOT BALL. DRIVE PLUMB REGARDLESS OF GROUND SLOPE.

2.REQUESTS TO SUBSTITUTE RUBBER HOSE AND WIRE GUYING SYSTEMS WILL NOT BE APPROVED.

3. TREE STAKING IS NOT REQUIRED UNLESS SPECIFIED OR NECESSARY TO MAINTAIN TREES IN A PLUMB CONDITION WHERE VANDALISM, SOIL, OR WIND CONDITIONS ARE A PROBLEM, OR AS DIRECTED BY THE ENGINEER.

4.REMOVE WITHIN ONE YEAR.

STEEL POST SIZING

CALIPER	STEEL POST TYPE	A	B	C	D
LESS THEN 4 INCHES	ROLLED STEEL FENCE POST (MnDOT 3403) OR APPROVED EQUAL.	7'–0"	3'–0" MIN.	4'–0"	3'–0"
GREATER THEN 4 INCHES	10', 2.2 LB. FLANGED CHANNEL STEEL SIGN POST (MnDOT 3401) OR APPROVED EQUAL.	10'–0"	4'–0" MIN.	6'–0"	5'–0"

STAKING AND GUYING

(MnDOT 2571.3I1)

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SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LANDSCAPE DETAILS SHEET 3

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W0-LAN-DTLA - 003

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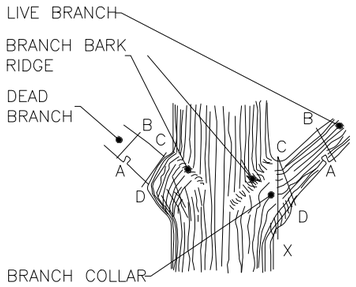
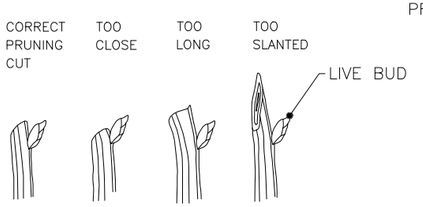


BRANCHES PRUNED AT TRUNK
(SHIGO METHOD)

STEPS TO PRUNING WITH PRUNING SAW:
1.CUT PART WAY THROUGH THE BRANCH AT POINT A.
2.CUT COMPLETELY THROUGH BRANCH FROM POINT B TO A.
3.AT BRANCH COLLAR CUT FROM POINT C TO D.

INCORRECT CUT FROM POINT C TO X (TOO CLOSE) WILL RESULT IN DISCONTINUOUS CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

CORRECT CUT FROM POINT C TO D (LEAVING BRANCH COLLAR BUT NOT THE STUB FROM POINT B TO A) WILL RESULT IN CONTINUOUS DOUGHNUT SHAPED CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

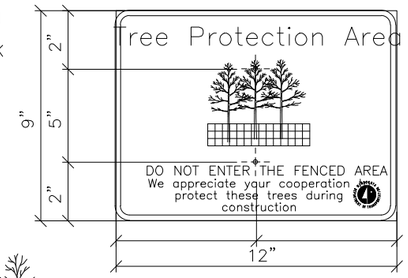


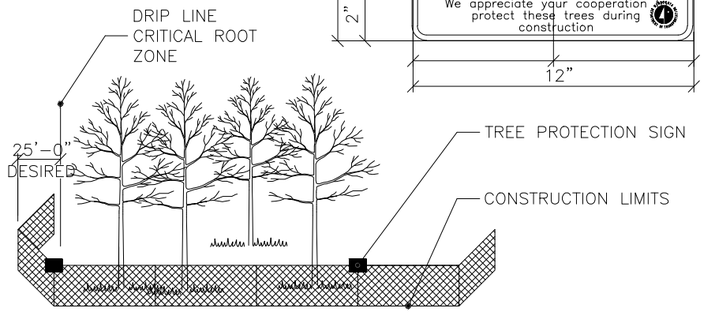
BRANCHES PRUNED TO LIVE BUD

PRUNING NOTES:
1.PRUNE USING CLEAN AND SHARP SCISSOR–TYPE PRUNER OR PRUNING SAW.
2.THE BEST TIME TO PRUNE IS LATE DORMANT SEASON OR EARLY SPRING.
3.AVOID PRUNING OAKS IN APRIL, MAY, JUNE OR JULY.
4.IF PRUNING IS NECESSARY OR IF WOUNDS OCCUR TO OAK TREES IN APRIL, MAY, JUNE OR JULY, IMMEDIATELY PAINT CUT SURFACE OR WOUND WITH LATEX PAINT OR SHELLAC.

PRUNING
(MnDOT 2571.3K2a9 and 2571.3E1)

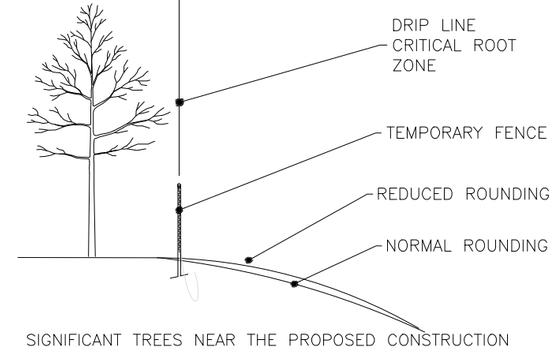
1.FABRICATE 12" X 9" X 3/8" SIGN WITH 0.75" RADIUS CORNERS.
2.SIGN SHALL BE WHITE WITH BLACK LETTERING.
3.ATTACH SIGN TO POST USING 1" LENGTH WOOD SCREWS.





1.FURNISH AND INSTALL TEMPORARY FENCE AT THE TREE'S DRIPLINE OR CONSTRUCTION LIMITS AS SPECIFIED, PRIOR TO ANY CONSTRUCTION.
2.WHEN POSSIBLE PLACE FENCE 25 FEET BEYOND THE DRIP LINE.
3.PLACE TREE PROTECTION SIGNS ALONG FENCE AT 50' INTERVALS.

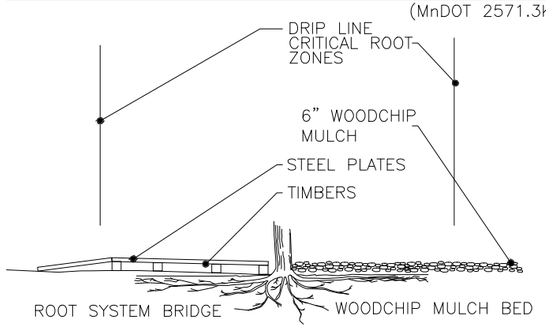
TEMPORARY FENCE
(MnDOT 2572.3A1)



SIGNIFICANT TREES NEAR THE PROPOSED CONSTRUCTION LIMITS WILL BE IDENTIFIED IN THE PLAN OR BY THE ENGINEER AND WILL BE PRESERVED BY THE CONTRACTOR.

1.PLACE THE TEMPORARY FENCE.
2.REDUCE SLOPE ROUNDING WHERE ROOT ZONES ARE DISTURBED BY NORMAL SLOPE ROUNDING.
3.VARY BACKSLOPE STEEPNESS TO AVOID TREE LOSS OR UNNECESSARY ROOT DAMAGE.

SLOPE ROUNDING



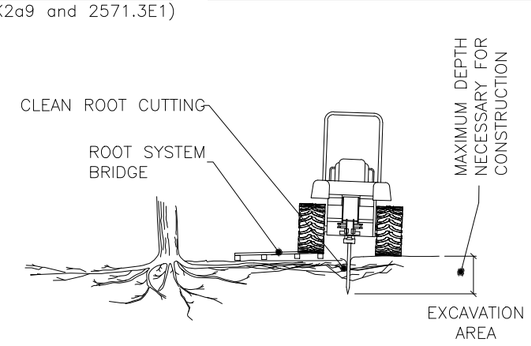
IF CONSTRUCTION VEHICLES MUST PASS OVER ROOT ZONES, THE CONTRACTOR MUST EITHER:

1.CONSTRUCT ROOT SYSTEM BRIDGES WITH STEEL PLATE SUPPORTED ON WOOD TIMBERS PLACED RADIALLY TO THE TREE TRUNK.

OR

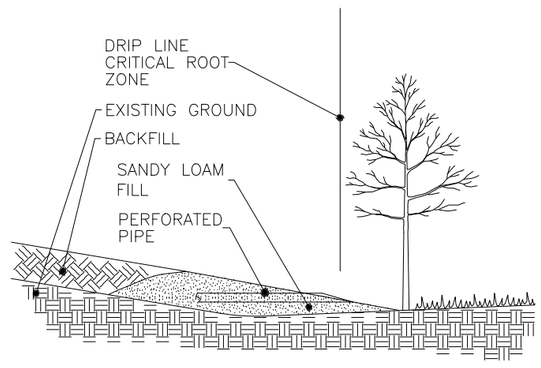
2.PLACE A 6 INCH LAYER OF WOODCHIP MULCH OVER A TYPE III GEOTEXTILE (MnDOT 3733)..

OTHER VEGETATION PROTECTION MEASURES



1.WHEN DESIGNATED IN THE PLAN OR DIRECTED BY THE ENGINEER, PRIOR TO EXCAVATION, ALL TREE ROOTS WILL BE CLEANLY CUT BY A VIBRATORY PLOW OR OTHER APPROVED ROOT CUTTER.
2.THE TREE ROOTS WILL BE CUT CLEANLY TO THE MAXIMUM DEPTH NECESSARY FOR CONSTRUCTION.
3.IMMEDIALTLY, AND CLEANLY CUT DAMAGED AND EXPOSED ROOTS.
4.ROOT ENDS EXPOSED BY EXCAVATION ACTIVITIES SHALL BE IMMEDIATELY COVERED WITH A 6" LAYER OF ADJACENT SOIL.

CLEAN ROOT CUTTING



1.ANY FILL REQUIRED WITHIN THE DRIP LINE OF TREES, IS UNCOMPACTED SANDY LOAM TOPSOIL (WITH A COARSE SAND COMPONENT).
2.EXCESSIVE FILL MAY REQUIRE INSTALLING PERFORATED PIPE WITH AT LEAST ONE DAYLIGHTED END OPENING AS AN AERATION SYSTEM.

SANDY LOAM TOPSOIL

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CIVIL - VOLUME 9
LANDSCAPE DETAILS SHEET 4

DISCIPLINE: LANDSCAPE ARCH
SHEET NAME: W0-LAN-DTLA - 004

SHEET 313 OF 316

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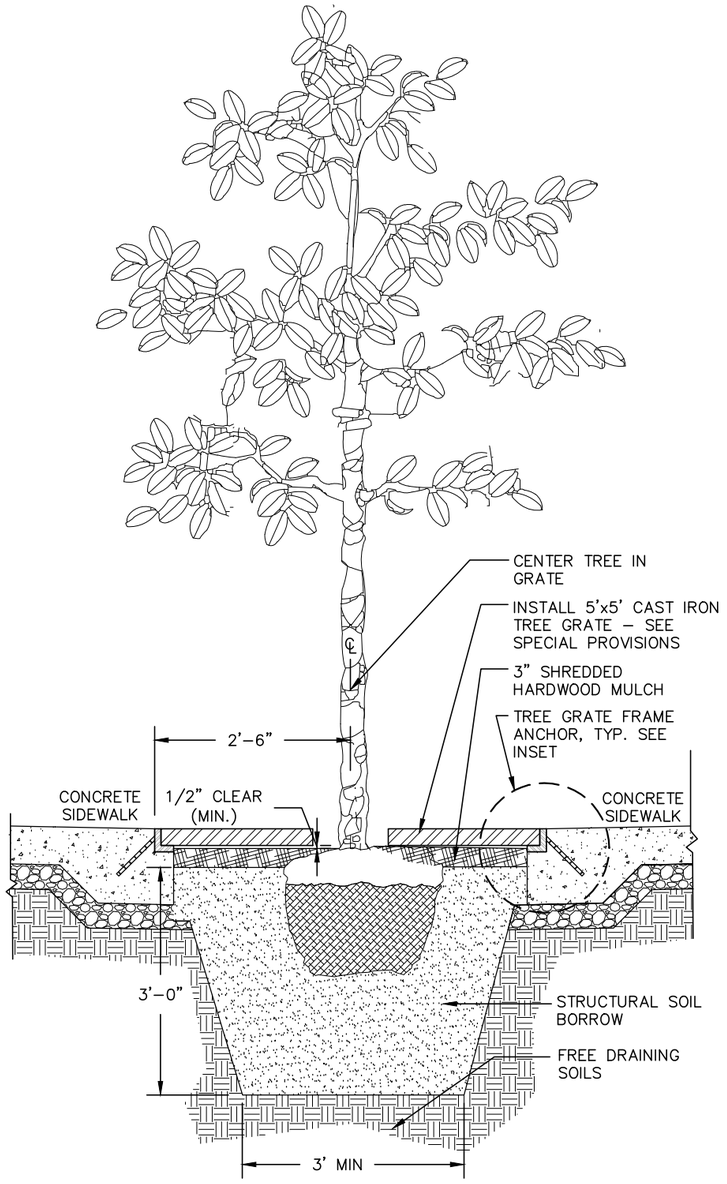
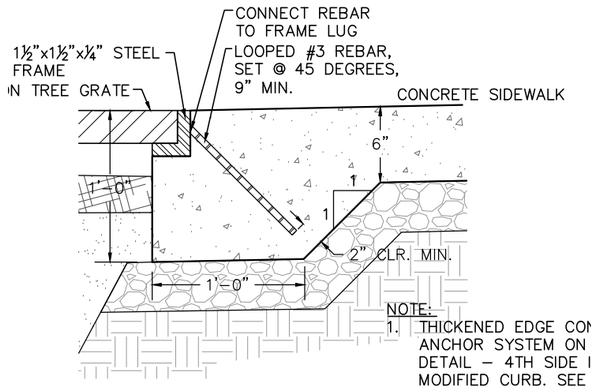


1 TREE GRATE AND FRAME PLANTING
NOT TO SCALE



NOTE:
1. THICKENED EDGE CONC. WALK & FRAME ANCHOR SYSTEM ON 3 SIDES PER THIS DETAIL – 4TH SIDE IS ANCHORED TO MODIFIED CURB. SEE CIVIL PLANS FOR LOCATIONS & DETAIL
2. PROVIDE 3 LOOPED REBAR PER SIDE (12 TOTAL, INCLUDING @ CURB)

2 TREE GRATE INSET
NOT TO SCALE

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CIVIL - VOLUME 9
LANDSCAPE DETAILS SHEET 5

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: W0-LAN-DTLA - 005

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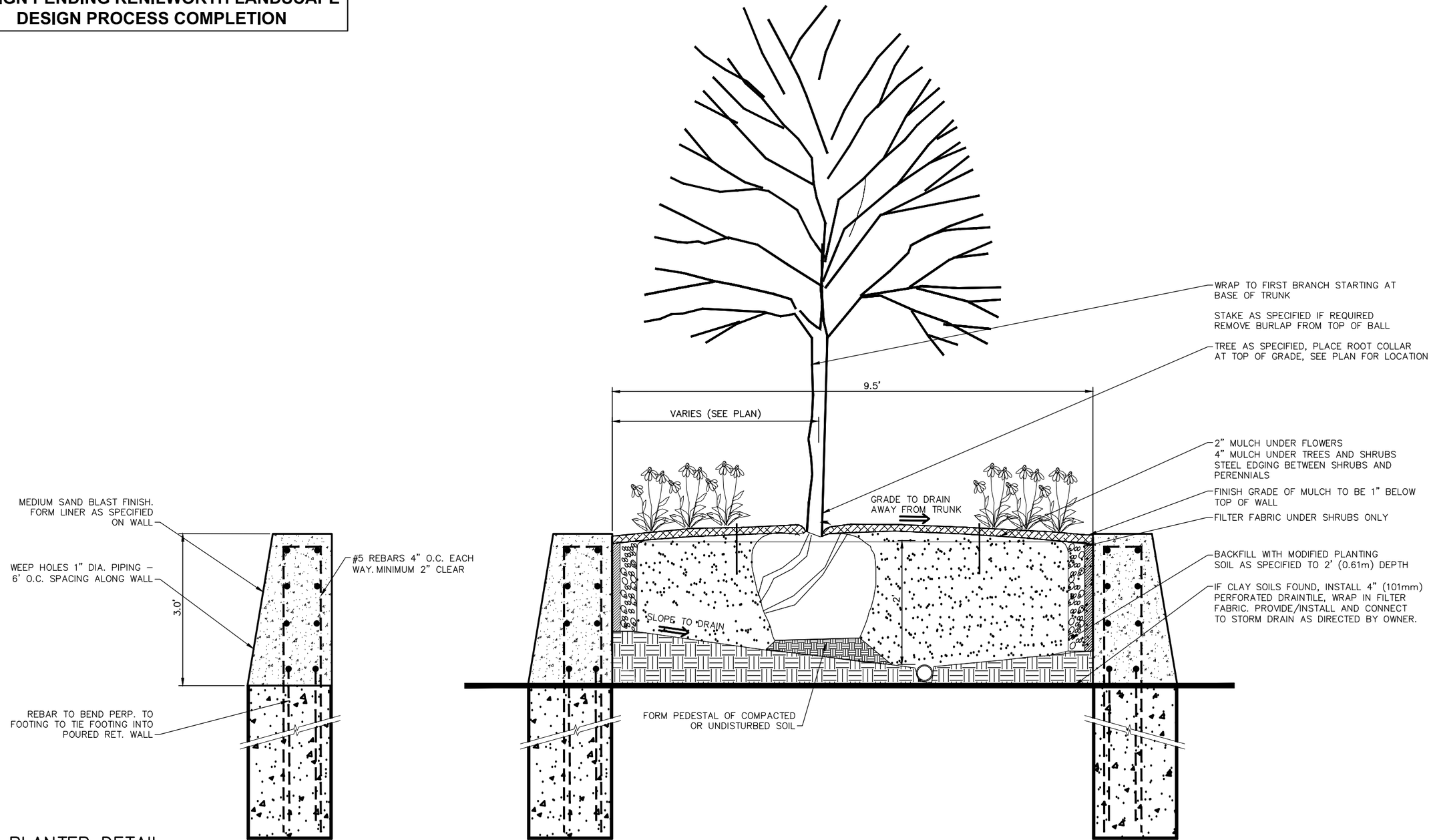
DESIGN PENDING KENILWORTH LANDSCAPE DESIGN PROCESS COMPLETION



1 PLANTER DETAIL
SCALE: 1"= 1'–0"

0 1' 2'
SCALE

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SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
LANDSCAPE DETAILS
KENILWORTH LANDSCAPE PLANTER

DISCIPLINE: LANDSCAPE ARCH

SHEET NAME: E0-LAN-DTL-A-001

SHEET 315 OF 316

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DECIDUOUS TREES

SYMBOL	QTY	SPECIES	COMMON NAME	SIZE	ROOT	NOTES	SPACING
ABM		*Acer x freemani 'Jeffersred'*	**AUTUMN BLAZE MAPLE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
AHL		*Gleditsia tricanthos 'Harve'*	**NORTHERN ACCLAIM HONEY LOCUST**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
ASB		*Aesculus sylvatica 'Autumn Splendor'*	**AUTUMN SPLENDOR BUCKEYE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
BLI		*Tilia americana 'Boulevard'*	**BOULEVARD LINDEN**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
BMA		*Acer rubrum 'Bowhall'*	**BOWHALL MAPLE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
BOA		*Quercus macrocarpa*	**BUR OAK**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
CAT		*Catalpa speciosa*	**NORTHERN CATALPA**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
CEL		*Ulmus x 'Cathedral'*	**CATHEDRAL ELM**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
CHA		*Celtis occidentalis*	**COMMON HACKBERRY**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
CSO		*Quercus alba x Quercus robar*	**CRIMSON SPIRE OAK**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
DEL		*Ulmus davidiana japonica 'Discovery'*	**DISCOVERY ELM**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
EKC		*Gymnocladus dioicus*	**ESPRESSO KENTUCKY COFFEETREE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
GSL		*Tilia cordata 'Greenspire'*	**GREENSPIRE LINDEN**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
IHL		*Gleditsia tricanthos 'Imperial'*	**IMPERIAL HONEY LOCUST**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
LPT		*Platanus x acerifolia*	**LONDON PLANE TREE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
NHE		*Ulmus americana 'New Harmony'*	**NEW HARMONY ELM**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
NRM		*Acer rubrum 'Northwood'*	**NORTHWOOD RED MAPLE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
OBU		*Aesculus glabra*	**OHIO BUCKEYE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
PEL		*Ulmus americana 'Princeton'*	**PRINCETON ELM**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
PSG		*Ginkgo biloba 'Princeton Sentry'*	**PRINCETON SENTRY GINKGO**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
QAC		*Populus tremuloides*	**QUAKING ASPEN CLUMP**	#25	CONT.	CLUMP MULTISTEM	
QAS		*Populus tremuloides*	**QUAKING ASPEN**	#25	CONT.	SINGLE STRAIGHT LEADER	
RBC		*Betula nigra*	**RIVER BIRCH CLUMP**	2.5" CAL.	B&B	CLUMP MULTISTEM	
RBI		*Betula nigra*	**RIVER BIRCH**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
RML		*Tilia american 'Redmond'*	**REDMOND LINDEN**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
ROA		*Quercus rubra*	**RED OAK**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
SGM		*Acer x freemani 'Sienna Glen'*	**SIENNA GLEN MAPLE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
SHL		*Gleditsia tricanthos inermis 'Skycole'*	**SKYLINE HONEYLOCUST**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
SSM		*Acer x freemani 'Scarsen"*	**SCARLET SENTINEL MAPLE**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	
SWO		*Quercus bicolor*	**SWAMP WHITE OAK**	2.5" CAL.	B&B	SINGLE STRAIGHT LEADER	

CONIFEROUS TREES

SYMBOL	QTY	SPECIES	COMMON NAME	SIZE	ROOT	NOTES	SPACING
API		*Pinus nigra*	**AUSTRIAN PINE**	8' HT.	B&B	SINGLE STRAIGHT LEADER	
BHS		*Picea glauca 'Densata'*	**BLACK HILLS SPRUCE**	8' HT.	B&B	SINGLE STRAIGHT LEADER	
SPI		*Pinus sylvestris*	**SCOTCH PINE**	8' HT.	B&B	SINGLE STRAIGHT LEADER	
EWP		*Pinus strobus*	**EASTERN WHITE PINE**	8' HT.	B&B	SINGLE STRAIGHT LEADER	

ORNAMENTAL TREES

SYMBOL	QTY	SPECIES	COMMON NAME	SIZE	ROOT	NOTES	SPACING
ABS		*Amalenchier 'Autumn Brilliance'*	**AUTUMN BRILLIANCE SERVICEBERRY**	6' HT.	B&B	CLUMP MULTISTEM	
JLC		*Syringa reticulata 'Ivory Silk'*	**IVORY SILK JAPANESE TREE LILAC**	6' HT.	B&B	CLUMP MULTISTEM	
JTL		*Syringa reticulata 'Ivory Silk'*	**IVORY SILK JAPANESE TREE LILAC**	6' HT.	B&B	SINGLE STRAIGHT LEADER	
IWO		*Ostrya virginiana*	**IRONWOOD**	2" CAL.	B&B	SINGLE STRAIGHT LEADER	
PRC		*Malus 'Prairie Rose'*	**PRAIRIE ROSE FLOWERING CRAB**	2" CAL.	B&B		
PSC		*Malus 'Pink Spires'*	**PINK SPIRES FLOWERING CRAB**	2" CAL.	B&B		
SMA		*Sorbus decora*	**SHOWY MOUNTAIN ASH**	2" CAL.	B&B	SINGLE STRAIGHT LEADER	
SSC		*Malus 'Spring Snow'*	**SPRING SNOW FLOWERING CRAB**	2" CAL.	B&B		
WBC		*Betula popufilia 'Whitespire'*	**WHITESPIRE BIRCH CLUMP**	6' HT.	B&B	CLUMP MULTISTEM	
WBI		*Betula popufilia 'Whitespire'*	**WHITESPIRE BIRCH**	2" CAL.	B&B	SINGLE STRAIGHT LEADER	

CONIFEROUS SHRUBS

SYMBOL	QTY	SPECIES	COMMON NAME	SIZE	ROOT	NOTES	SPACING
MJU		*Juniperus chinensis 'Maney'*	**MANEY JUNIPER**	18" SPRD.	CONT.		5' O.C.
BSJ		Juniperus squamata 'Blue Star'	**BLUE STAR JUNIPER**	#3	CONT.		4' O.C.
TYE		Taxus x media 'Taunton'	**TAUNTON YEW**	#3	CONT.		4' O.C.

DECIDUOUS SHRUBS

SYMBOL	QTY	SPECIES	COMMON NAME	SIZE	ROOT	NOTES	SPACING
AFD		*Cornus stolonifera 'Farrow'*	**ARCTIC FIRE RED-TWIG DOGWOOD**	#3	CONT.		4' O.C.
AGW		*Ilex verticillata 'Afterglow'*	**AFTERGLOW WINTERBERRY**	#3	CONT.		4' O.C.
BMV		*Viburnum dentatum 'Christom'*	**BLUE MUFFIN VIBURNUM**	#3	CONT.		5' O.C.
CAW		*Salix purpurea 'Nana'*	**CREEPING ARCTIC WILLOW**	#3	CONT.		4' O.C.
CRD		*Cornus sericea 'Alleman's Compact'*	**COMPACT RED-TWIG DOGWOOD**	#3	CONT.		4' O.C.
DBH		*Diervilla lonicera 'Copper'*	**DWARF BUSH HONEYSUCKLE**	#3	CONT.		4' O.C.
DGN		*Physocarpys opufolius 'Dart's Gold'*	**DART'S GOLD NINEBARK**	#3	CONT.		4' O.C.
DKI		*Syringa meyeri 'Palibin'*	**DWARF KOREAN LILAC**	#3	CONT.		4' O.C.
DSP		*Spiraea japonica 'Alpina'*	**DAPHNE SPIREA**	#3	CONT.		3' O.C.
FPR		*Rosa rugosa 'Pavement Foxi'*	**FOXI PAVEMENT ROSE**	#3	CONT.		3' O.C.
GDP		*Potentilla fruticosa 'Gold Drop'*	**GOLD DROP POTENTILLA**	#3	CONT.		4' O.C.
GFS		*Rhus aromatica 'Grow-Low'*	**GROW-LOW FRAGRANT SUMAC**	#3	CONT.		5' O.C.
GMA		*Ribes alpinum 'Green Mound'*	**GREEN MOUND ALPINE CURRANT**	#3	CONT.		4' O.C.
GSP		*Spiraea x bumalda 'Goldflame'*	**GOLDFLAME SPIREA**	#3	CONT.		3' O.C.
IBC		*Aronia melanocarpa 'Morton'*	**IRIQUOIS BEAUTY CHOKEBERRY**	#3	CONT.		4' O.C.
IHD		*Cornus alba 'Ivory Halo'*	**IVORY HALO DOGWOOD**	#3	CONT.		4' O.C.
JDW		*Ilex verticillata 'Jim Dandy'*	**JIM DANDY WINTERBERRY**	#3	CONT.		4' O.C.
MGD		*Cornus racemosa 'Muszam'*	**MUSKINGUM GRAY DOGWOOD**	#3	CONT.		6' O.C.
NVI		*Viburnum lentago*	**NANNYBERRY VIBURNUM**	#3	CONT.		5' O.C.
PPR		*Rosa rugosa 'Pavement Purple'*	**PURPLE PAVEMENT ROSE**	#3	CONT.		3' O.C.
RSE		*Amalenchier alnifolia 'Regent'*	**REGENT SERVICEBERRY**	#3	CONT.		6' O.C.
RTD		*Cornus sericea 'Baileyi'*	**RED-TWIG DOGWOOD**	#3	CONT.		5' O.C.
SFS		*Sorbaria sorbifolia 'Sem'*	**SEM FALSE SPIREA**	#3	CONT.		3' O.C.

PERENNIALS AND ORNAMENTAL GRASSES

SYMBOL	QTY	SPECIES	COMMON NAME	SIZE	ROOT	NOTES	SPACING
AJS		*Sedum x 'Autumn Joy'*	**AUTUMN JOY SEDUM**	#1	CONT.		24" O.C.
WGA		*Aster 'Woods Purple'*	**WOODS GLOW ASTER**	#1	CONT.		24" O.C.
GBS		*Rudbeckia fulgida 'Goldsturm'*	**GOLDSTURM BLACK-EYED SUSAN**	#1	CONT.		24" O.C.
BFI		*Baptisia australis*	**BLUE FALSE INDIGO**	#1	CONT.		36" O.C.
BOG		*Helictotrichon 'Sapphire Blue'*	**SAPHIRE BLUE OAT GRASS**	#1	CONT.		24" O.C.
BWE		*Ajuga reptans 'Burgundy Gold'*	**BUGLEWEED**	4"	CONT.		24" O.C.
CBI		*Iris sibirica 'Caesar's Brother'*	**CAESAR'S BROTHER IRIS**	#1	CONT.		24" O.C.
HRD		*Hemerocallis 'Happy Returns'*	**HAPPY RETURNS DAYLILY**	#1	CONT.		24" O.C.
RRD		*Hemerocallis 'Rosy Returns'*	**ROSY RETURNS DAYLILY**	#1	CONT.		24" O.C.
SSD		*Hemerocallis 'Stella Supreme'*	**STELLA SUPREME DAYLILY**	#1	CONT.		24" O.C.
FMG		*Miscanthus sinsensis 'Purpurascens'*	**FLAME MAIDEN GRASS**	#1	CONT.		36" O.C.
KBS		*Liatris spicata 'Kobold'*	**KOBOLD BLAZINGSTAR**	#1	CONT.		24" O.C.
KFG		*Calamagrostis x 'Karl Foerster'*	**KARL FOERSTER GRASS**	#1	CONT.		30" O.C.
LBS		*Schizachyrium scoparium 'Blue Heaven'*	**BLUE HEAVEN LITTLE BLUESTEM**	#1	CONT.		24" O.C.
PDA		*Aster novae-angliae 'Purple Dome'*	**PURPLE DOME ASTER**	#1	CONT.		24" O.C.
PDG		*Sporobolus heterolepis*	**PRAIRIE DROPSEED GRASS**	#1	CONT.		24" O.C.
PJP		*Eupatorium maculatum 'Phantom'*	**PHANTOM JOE PYE WEED**	#1	CONT.		30" O.C.
PAC		*Pachysandra terminalis*	**PACHYSANDRA**	4"	CONT.		24" O.C.
RGE		*Geranium 'Rozanne'*	**ROZANNE GERANIUM**	#1	CONT.		18" O.C.
PCF		*Echinacea purpurea 'Ruby Star'*	**RUBY STAR PURPLE CONEFLOWER**	#1	CONT.		24" O.C.
MNS		*Salvia X SYLVESTRIS 'May Night'*	**MAY NIGHT SALVIA**	#1	CONT.		18" O.C.
SSG		*Panicum virgatum 'Shenandoah'*	**SHENANDOAH SWITCH GRASS**	#1	CONT.		24" O.C.
FRG		*Calamagrostis acutifolia 'Overdam'*	**VARIEGATED FEATHER REED GRASS**	#1	CONT.		24" O.C.
VMG		*Miscanthus sinsensis 'Variegatus'*	**VARIEGATED MAIDEN GRASS**	#1	CONT.		36" O.C.
WLC		*Nepeta 'Walker's Low'*	**WALKER'S LOW CATMINT**	#1	CONT.		24" O.C.
ZCO		*Coreopsis verticillata 'Zagreb'*	**ZAGREB COREOPSIS**	#1	CONT.		18" O.C.

VINES

SYMBOL	QTY	SPECIES	COMMON NAME	SIZE	ROOT	NOTES	SPACING
BIV		*Parth. tricuspidata 'Robusta'*	**BOSTON IVY**	#1	CONT.		
VCR		Parthenocissus quinquefolia	**VIRGINIA CREEPER**	#1	CONT.		

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL — SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 9
PLANT SCHEDULE

DISCIPLINE: **LANDSCAPE ARCH**

SHEET NAME: **W0-LAN-DTLA - 006**

SHEET **316** OF **316**

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