

TUSCARORA TRAIL SIDEWALK IMPROVEMENTS

CITY OF MAITLAND

FINAL PLANS

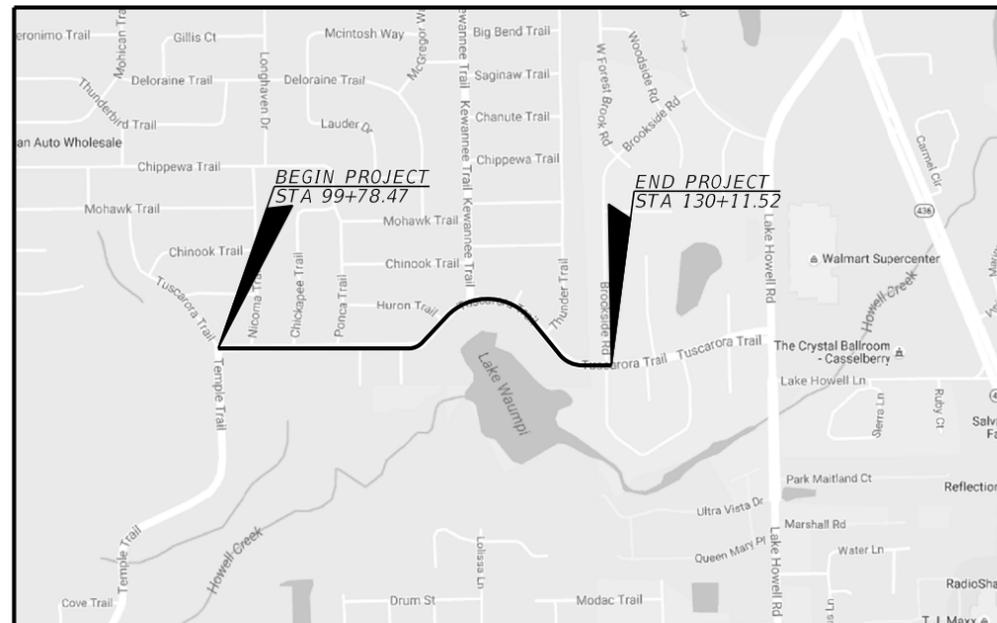
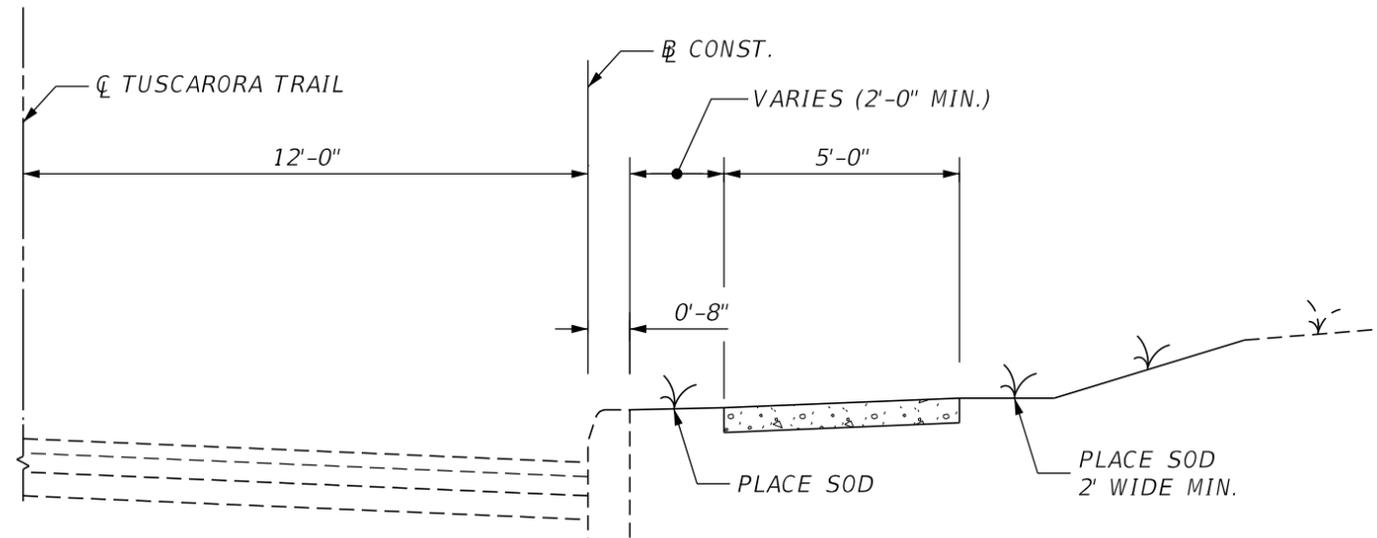


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REVISIONS				BURGESS & NIPLE	CITY OF MAITLAND		KEYSHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		JOB	PROJECT		
				SCOTT D. PERFATER, P.E. P.E. NO. 64306 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810 CERTIFICATE NO. 9853	54528	TUSCARORA SIDEWALK		1



TYPICAL SECTION

- NOTES:
 1. 5'-0" SIDEWALK WIDTH.
 2. 2'-0" BUFFER

REVISIONS				BURGESS & NIPLE SCOTT D. PERFATER, P.E. P.E. NO. 64306 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810 CERTIFICATE NO. 9853	CITY OF MAITLAND		TYPICAL SECTION	SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		JOB	PROJECT		
				54528	TUSCARORA SIDEWALK			

SUMMARY OF REMOVAL ITEMS														
ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
	STA. TO STA.							AREA (AC)	P	F	P	F		
Clearing and Grubbing	100+18.42 TO 109+90.96		RT	11358				0.218						
	110+33.66 TO 112+90.83		RT	11396				0.047						
	113+33.84 TO 130+08.44		RT	11637				0.372						
											0.64			

SUMMARY OF EARTHWORK				
ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
	P	F		
REGULAR EXCAVATION	175.00			
EMBANKMENT	4.00			

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS													
LOCATION		SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	
STA. TO STA.						SY	SY	P	F	P	F		P
99+78.48 to 99+88.70	RT	12288			13.5								
100+20.02 to 100+49.77	RT	5875			14.9								
100+65.21 to 100+98.79	RT	5880			18.4								
101+13.66 to 101+88.69	RT	5885			41.2								
102+05.42 to 102+78.89	RT	5898			40.3								
102+96.26 to 107+10.65	RT	5904			229.7								
107+25.24 to 107+97.39	RT	5914			39.6								
108+17.21 to 108+64.76	RT	5919			26.1								
108+81.47 to 109+89.70	RT	5924			58.1								
110+35.05 to 112+89.41	RT	10700			140.0								
113+35.28 to 113+87.54	RT	5940			26.8								
114+04.39 to 114+65.51	RT	6071			34.8								
114+84.46 to 115+88.09	RT	6106			57.1								
116+46.55 to 117+79.32	RT	6132			73.0								
117+93.21 to 118+08.22	RT	6143			7.5								
118+22.68 to 118+50.99	RT	6148			14.4								
118+75.18 to 119+27.08	RT	6124			27.8								
119+08.83 to 119+26.82	LT/RT	12259			2.5								
119+45.64 to 120+27.63	RT	6154			44.7								
120+41.03 to 121+33.36	RT	6159			49.9								
121+52.11 to 121+82.26	RT	6164			15.6								
122+01.66 to 122+27.10	RT	6171			13.0								
122+42.15 to 123+40.43	RT	6177			53.2								
123+57.25 to 124+30.18	RT	6183			39.1								
124+49.51 to 125+05.33	RT	6191			30.3								
125+09.22 to 125+60.25	RT	6198			27.8								
125+74.45 to 125+92.74	RT	6205			9.5								
126+07.05 to 127+11.67	RT	6217			58.1								
127+31.02 to 127+43.15	RT	6224			6.6								
127+59.89 to 128+47.40	RT	6229			49.9								
128+65.22 to 128+71.36	RT	6239			2.5								
128+82.35 to 129+16.56	RT	6246			18.4								
100+48.55 to 100+65.52	LT/RT	6689					11.0					DRIVEWAY (#2106)	
100+49.22 to 100+65.38	RT	6371					8.8					DRIVEWAY (#2106)	
100+97.81 to 101+14.68	RT	6376					8.8					DRIVEWAY (#2106)	
100+98.79 to 101+15.91	LT/RT	6683					10.8					DRIVEWAY (#2106)	
101+86.86 to 102+06.81	LT/RT	6694					5.8					DRIVEWAY (#2180)	
101+87.72 to 102+06.32	RT	6381					9.8					DRIVEWAY (#2180)	
102+77.45 to 102+97.81	LT/RT	6699					4.4					DRIVEWAY (#2198)	
102+77.93 to 102+97.28	RT	6386					10.2					DRIVEWAY (#2198)	
107+08.72 to 107+26.16	RT	6392					8.8					DRIVEWAY (#2286)	
107+96.20 to 108+18.57	RT	6704					4.9					DRIVEWAY (#2290)	
107+96.54 to 108+18.18	RT	6397					11.5					DRIVEWAY (#2290)	
108+64.66 to 108+81.47	LT/RT	6711					3.7					DRIVEWAY (#2300)	
108+64.69 to 108+81.48	RT	6402					9.3					DRIVEWAY (#2300)	
113+87.05 to 114+05.40	RT	6407					9.8					DRIVEWAY (#527 LIGHTNING TRAIL)	
113+87.54 to 114+05.81	LT/RT	6716					4.0					DRIVEWAY (#527 LIGHTNING TRAIL)	
114+63.88 to 114+87.33	LT/RT	6722					5.1					DRIVEWAY (#2338)	
SUB-TOTAL:					1284.3		126.7						
TOTAL:					1284		442			101			

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS												
LOCATION		SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES
STA. TO STA.						SY	SY	P	F	P	F	
114+64.45 to 114+86.47	RT	6412			11.9							DRIVEWAY (#2238)
115+87.08 to 116+48.24	LT/RT	6729			17.9							DRIVEWAY (#2400/2406)
115+87.64 to 116+06.59	RT	6421			10.3							DRIVEWAY (#2400/2406)
116+06.03 to 116+47.66	RT	8961			22.6							DRIVEWAY (#2400/2406)
117+79.18 to 117+95.35	RT	6756			9.6							DRIVEWAY (#2412)
117+79.26 to 117+94.28	RT	7360			7.9							DRIVEWAY (#2412)
119+26.86 to 119+46.43	LT/RT	6791			4.4							DRIVEWAY (#2502)
119+26.91 to 119+46.21	RT	6552			10.4							DRIVEWAY (#2502)
120+26.82 to 120+41.56	LT/RT	6784			3.3							DRIVEWAY (#2508)
120+27.06 to 120+41.40	RT	6557			7.6							DRIVEWAY (#2508)
121+29.77 to 121+52.11	LT/RT	6779			5.0							DRIVEWAY (#2514)
121+30.81 to 121+55.05	RT	6562			11.7							DRIVEWAY (#2514)
121+81.03 to 122+04.34	RT	6568			11.6							DRIVEWAY (#2514)
121+82.22 to 122+05.63	LT/RT	6773			5.3							DRIVEWAY (#2514)
122+26.00 to 122+44.21	LT/RT	6766			4.1							DRIVEWAY (#2520)
122+26.32 to 122+43.61	RT	6574			8.9							DRIVEWAY (#2520)
123+38.43 to 123+58.18	LT/RT	6798			20.7							DRIVEWAY (#2526)
123+39.76 to 123+57.56	RT	6593			9.6							DRIVEWAY (#2526)
124+26.90 to 124+49.51	LT/RT	6804			5.1							DRIVEWAY (#2532)
124+27.87 to 124+30.75	RT	6618			0.5							DRIVEWAY (#2532)
124+28.35 to 124+50.80	RT	6599			11.2							DRIVEWAY (#2532)
125+56.65 to 125+76.70	LT/RT	6810			10.9							DRIVEWAY (#2600)
125+58.95 to 125+75.43	RT	6636			8.5							DRIVEWAY (#2600)
125+88.53 to 126+08.74	LT/RT	6816			12.1							DRIVEWAY (#2606)
125+91.14 to 126+07.64	RT	6641			8.5							DRIVEWAY (#2606)
127+11.05 to 127+33.51	LT/RT	6822			12.6							DRIVEWAY (#2612)
127+11.37 to 127+32.19	RT	6646			11.4							DRIVEWAY (#2612)
127+41.66 to 127+62.89	LT/RT	6827			15.7							DRIVEWAY (#2618)
127+43.11 to 127+60.94	RT	6651			10.2							DRIVEWAY (#2618)
128+44.86 to 128+68.28	LT/RT	6833			4.5							DRIVEWAY (#2624)
128+45.81 to 128+67.36	RT	6658			11.1							DRIVEWAY (#2624)
128+69.23 to 128+85.42	LT/RT	8871			3.4							DRIVEWAY (#2630)
128+69.90 to 128+84.31	RT	8899			7.1							DRIVEWAY (#2630)
99+84.60 to 99+86.60	RT	12309								8.0		
100+20.02 to 100+29.71	RT	8604								15.9		
109+79.53 to 109+88.72	RT	8609								17.1		
110+35.94 to 110+45.31	RT	8614								17.3		
112+79.21 to 112+88.57	RT	8619								17.4		
113+36.10 to 113+45.39	RT	8624								17.2		
119+15.86 to 119+19.88	LT/RT	12314								8.0		
SUB-TOTAL:							315.6			100.9		

COST TO RECONSTRUCT BRICK DRIVEWAYS WITH EXISTING PAVERS AND TO RECONSTRUCT EXISTING WALLS WITH EXISTING BLOCKS SHALL BE INCLUDED IN THE COST OF 6" SIDEWALK.

REVISIONS				BURGESS & NIPLE	CITY OF MAITLAND	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION				
				SCOTT D. PERFATER, P.E. P.E. NO. 64306 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810 CERTIFICATE NO. 9853	JOB 54528	PROJECT TUSCARORA SIDEWALK	SUMMARY OF QUANTITIES

SUMMARY OF PERFORMANCE TURF								
LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					SY			
					P	F		
99+83.29 to 99+85.58	RT	12158			1.0			
99+85.29 to 99+87.52	RT	12163			0.9			
100+18.42 to 100+49.99	RT	4864			6.8			
100+25.80 to 100+49.22	RT	4844			10.1			
100+65.21 to 100+99.41	RT	4839			21.1			
100+65.38 to 100+97.81	RT	4859			7.1			
101+13.25 to 101+88.97	RT	4854			16.8			
101+14.68 to 101+87.72	RT	4828			38.4			
102+05.19 to 102+79.19	RT	4849			16.4			
102+06.32 to 102+77.93	RT	4834			11.9			
102+95.96 to 107+11.20	RT	11194			92.3			
102+97.28 to 106+43.86	LT/RT	4914			145.3			
106+47.26 to 107+08.18	RT	4902			9.2			
107+24.97 to 107+97.73	RT	4896			16.1			
107+26.16 to 107+96.54	RT	4891			11.6			
108+16.82 to 108+64.79	RT	4885			10.6			
108+18.18 to 108+64.69	RT	4870			7.6			
108+81.47 to 109+79.54	RT	4875			15.8			
108+81.48 to 109+90.96	RT	4880			24.1			
110+33.66 to 112+90.83	RT	12139			88.5			
110+45.31 to 111+69.05	RT	10729			18.4			
111+82.96 to 112+79.21	RT	10723			15.0			
113+33.84 to 113+87.05	RT	4971			11.6			
113+45.39 to 113+87.67	RT	4966			6.0			
114+03.99 to 114+65.88	RT	4976			14.7			
114+05.40 to 114+64.45	RT	4959			9.4			
114+83.69 to 115+88.26	RT	5321			23.3			
114+86.47 to 115+87.68	RT	4949			27.3			
116+46.54 to 117+79.34	RT	5068			29.2			
116+47.66 to 116+96.79	RT	4942			7.6			
117+00.11 to 117+79.26	RT	5016			23.1			
117+92.77 to 118+08.78	RT	5063			3.4			
117+94.28 to 118+06.85	RT	5025			5.1			
118+22.00 to 118+48.65	RT	5058			5.6			
118+24.70 to 118+51.72	RT	5030			5.9			
118+74.26 to 119+25.05	RT	5052			10.7			
118+77.48 to 119+01.57	RT	5009			3.7			
119+05.20 to 119+14.07	RT	12176			0.8			
119+21.68 to 119+26.91	RT	12183			0.4			
119+45.42 to 119+90.10	RT	5041			9.6			
119+46.21 to 119+92.20	RT	4990			7.9			
119+88.97 to 120+27.85	RT	5036			8.3			
119+91.88 to 120+27.05	LT/RT	4995			6.2			
120+40.88 to 121+34.35	RT	5046			20.2			
120+41.41 to 121+30.76	RT	4985			14.8			
121+51.53 to 121+82.26	RT	5149			5.0			
121+54.96 to 121+81.08	RT	5154			5.4			
122+00.79 to 122+27.40	RT	5159			5.7			
122+04.41 to 122+26.30	RT	5144			3.6			
SUB-TOTAL:					859.5			
TOTAL:					1227			

SUMMARY OF PERFORMANCE TURF								
LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					SY			
					P	F		
122+41.59 to 123+40.68	RT	5164			21.4			
122+43.64 to 123+39.74	RT	5138			88.5			
123+57.13 to 124+31.05	RT	12013			15.9			
123+57.57 to 124+27.82	RT	12008			39.7			
124+49.10 to 125+03.79	RT	12021			8.8			
124+50.77 to 125+60.60	RT	12027			23.9			
125+10.63 to 125+58.95	RT	5125			10.2			
125+74.12 to 125+93.30	RT	5104			4.2			
125+75.43 to 125+81.02	RT	5097			1.1			
125+86.00 to 125+91.14	RT	5074			0.9			
126+06.92 to 127+11.79	RT	11942			23.4			
126+07.64 to 127+11.37	RT	11949			23.0			
127+30.57 to 127+43.15	RT	11983			2.8			
127+32.19 to 127+43.11	RT	11958			3.5			
127+59.51 to 128+47.93	RT	11972			20.7			
127+60.94 to 128+45.81	LT/RT	11963			63.6			
128+64.63 to 128+71.70	RT	4806			1.5			
128+67.36 to 128+69.90	RT	4789			0.3			
128+81.75 to 129+17.03	RT	4800			8.0			
128+84.31 to 129+15.04	LT/RT	9206			6.3			
SUB-TOTAL:					367.7			

SUMMARY OF TREE RELOCATION								
ITEM DESCRIPTION	LOCATION		UNIT	QUANTITY		TOTAL		DESIGN NOTES
	EXISTING	PROPOSED		P	F	P	F	
	TREE RELOCATION	118+25.46		119+08.50	EA	1		
	118+31.58	119+15.55		1				PALM TREE #2
	118+36.94	118+35.24		1				PALM TREE #3
	118+45.04	118+42.90		1				PALM TREE #4
	118+41.11	118+41.10		1				PALM TREE #5
	118+95.76	119+01.96		1				PALM TREE #6
	118+99.99	118+99.07		1				PALM TREE #7
	118+79.39	118+80.26		1				CREPE MYRTLE

SUMMARY OF STRIPING							
PAY ITEM DESCRIPTION	LOCATION		UNIT	QUANTITY		TOTAL	
				P	F	P	F
	12" WHITE STRIPE	TEMPLE TRAIL			LF	80	
	KEWANEE TRAIL			90			
24" WHITE STRIPE	TEMPLE TRAIL		LF	35			75
	KEWANEE TRAIL			40			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BURGESS & NIPLE SCOTT D. PERFATER, P.E. P.E. NO. 64306 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810 CERTIFICATE NO. 9853	CITY OF MAITLAND	
	JOB	PROJECT
	54528	TUSCARORA SIDEWALK

SUMMARY OF QUANTITIES	SHEET NO. 4
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL NOTES:

- DIMENSIONS ARE MEASURED TO/ FROM THE FACE OF CURB, PROPERTY LINE, PROPERTY CORNER, FACE OF BUILDING OR GEOMETRIC BASELINE.
- ALL MATERIALS, INSTALLATION, AND TESTING SHALL BE IN ACCORDANCE WITH THE CITY OF MAITLAND AND FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. WHERE THE SPECIFICATIONS CONFLICT, THE MAXIMUM REQUIREMENTS OF EITHER SPECIFICATION SHALL APPLY.
- INFORMATION REGARDING EXISTING CONDITIONS PROVIDED IN THESE DRAWINGS IS GIVEN SOLELY TO ASSIST THE CONTRACTOR IN ACCESSING THE NATURE AND EXTENT OF CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED AND ENCOURAGED TO CONDUCT WHATEVER INVESTIGATIONS THEY MAY DEEM NECESSARY, PRIOR TO BIDDING, SO THAT THEY MAY ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- CONTRACTOR SHALL VERIFY ALL EXISTING GRADES ON SITE BEFORE BEGINNING WORK. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY OF ANY MAJOR DIFFERENCES BETWEEN CONTRACTOR'S DATA AND DRAWINGS.
- CONTRACTOR SHALL CONSULT PROJECT SPECIFICATIONS TO DETERMINE WHICH PERMITS ARE REQUIRED AND WHICH PERMITS, IF ANY, ARE TO BE ACQUIRED BY THE CONTRACTOR.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR PROJECT INCLUDING FDEP PRIOR TO COMMENCING CONSTRUCTION AND COMPLY WITH ALL PERMIT CONDITIONS DURING CONSTRUCTION OPERATIONS.
- PRIOR TO COMMENCEMENT, CONTRACTOR SHALL PROVIDE THE OWNER'S REPRESENTATIVE WITH A CONSTRUCTION SCHEDULE FOR VARIOUS SITE WORK ELEMENTS SO THAT PERIODIC SITE VISITS MAY BE COORDINATED TO ENSURE TIMELY CERTIFICATION OF COMPLETION TO AGENCIES.
- ALL WORK SHALL BE OPEN AND SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF LOCAL, STATE AND FEDERAL REGULATORY AGENCIES, UTILITY COMPANIES, AND THE OWNER'S REPRESENTATIVE.
- ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS CONTAINED HEREIN AND/OR OTHERWISE REQUIRED BY APPLICABLE FEDERAL, STATE AND LOCAL CODES, ORDINANCES, AND REGULATIONS. IN THE EVENT OF A CONFLICT BETWEEN THE REQUIREMENTS, THE MOST STRINGENT SHALL APPLY AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
- ALL FLORIDA DEPARTMENT OF TRANSPORTATION INDEXES REFER TO THE LATEST EDITION OF THE ROADWAY AND TRAFFIC DESIGN STANDARDS.
- CONTRACTOR SHALL FURNISH THE OWNER'S REPRESENTATIVE WITH ACCURATE RECORD DRAWINGS SHOWING AS-CONSTRUCTED HORIZONTAL AND VERTICAL DIMENSIONS OF THE WORK. THE RECORD DRAWING SHALL BE CERTIFIED BY THE CONTRACTOR AS CORRECT. ALL REVISED INFORMATION SHALL BE CROSSED THROUGH AND NEW DATA ADDED.
- AFTER COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PERFORM SITE CLEAN-UP OPERATIONS FOR REMOVAL OF ALL TRASH, DEBRIS, EXCESS MATERIAL, AND EQUIPMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESENT THE PROJECT SITE CLEAN AND IN GOOD ORDER AT THE TIME OF FINAL ACCEPTANCE.

- THE CONTRACTOR SHALL EXERCISE EVERY PRECAUTION AND MEANS TO PREVENT AND CONTROL DUST ARISING DURING ALL OPERATIONS FROM BECOMING A NUISANCE TO ABUTTING PROPERTY OWNERS.
- NO CONSTRUCTION MATERIALS SHALL BE STORED NOR SHALL ACTIVITIES BE PERFORMED THAT WILL ENDANGER THE WORK OR OBSTRUCT ACCESS TO ALL STREETS AND ABUTTING PROPERTIES.
- THE USE OF ADJACENT PRIVATE PROPERTY OR PUBLIC RIGHT-OF-WAY TO STORE MATERIALS IS PROHIBITED. FURTHER, NO DEBRIS OR CONSTRUCTION MATERIALS ARE TO BE DISCARDED ON RIGHT-OF-WAY, ADJACENT PROPERTIES, WETLAND AREAS, LAKES, ETC.

- EXISTING CONCRETE OR BRICK DRIVEWAYS, RETAINING WALLS, LANDSCAPING, OR RELATED LANDSCAPING STRUCTURES THAT EXTEND FROM THE RIGHT-OF-WAY/PROPERTY LINE THROUGH THE RIGHT-OF-WAY AND TO THE STREET THAT ARE DISTURBED BY CONSTRUCTION SHALL BE REPLACED TO MATCH EXISTING CONDITIONS.

- BRICK DRIVEWAYS
- THE CONTRACTOR SHALL CAREFULLY REMOVE AND REUSE THE MATCHING BRICK PAVERS FOR EACH BRICK DRIVEWAY TO BE RECONSTRUCTED AS PART OF THE SIDEWALK CONSTRUCTION.

STORMWATER MANAGEMENT AND DRAINAGE SYSTEM NOTES:

- THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING STORM SYSTEM (MANHOLE, PIPES, ETC.) DURING CONSTRUCTION.

EROSION CONTROL NOTES:

- ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO STANDARDS OF CITY OF MAITLAND, FLORIDA AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN, CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTATION OF SILT OFF THE SITE. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE ENGINEER AND THE AGENCIES 10 DAYS PRIOR TO COMMENCING WORK.
- INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENT UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS EROSION CONTROL AT ALL INLET DRAINAGE STRUCTURES DURING CONSTRUCTION, SHALL BE DONE IN ACCORDANCE WITH FDOT INDEX NO. 102.

UTILITIES NOTES:

- UTILITIES WILL BE PROVIDED BY:
 WATER - CITY OF MAITLAND
 WASTEWATER - CITY OF MAITLAND
 ELECTRIC - PROGRESS ENERGY
 TELEPHONE - EMBARO
 FIRE PROTECTION - CITY OF MAITLAND
- ORANGE COUNTY UTILITIES STANDARDS AND CONSTRUCTION SPECIFICATIONS MANUAL ARE APPLICABLE TO THIS PROJECT, AS DEPICTED ON THE PLAN AND THE DETAIL SHEETS. NO DEVIATION IS AUTHORIZED EXCEPT AFTER OBTAINING PRIOR CONSENT FROM THE CITY OF MAITLAND'S WATER PRODUCTION/DISTRIBUTION DIVISION AND ENGINEER.
- PRIOR (48-HOURS MINIMUM) TO UTILITIES CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY OF MAITLAND BY CALLING (407) 875-2115.

- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND VERIFYING LOCATION OF THEIR FACILITIES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE SPECIAL CARE IN WORKING AROUND AND NEAR ALL EXISTING UTILITIES THAT ARE ENCOUNTERED DURING CONSTRUCTION, PROTECTING THEM WHERE NECESSARY SO THAT THEY WILL GIVE UNINTERRUPTED SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNERS FOR ALL DAMAGES TO SAID UTILITIES, DURING THE COURSE OF CONSTRUCTION BY THE CONTRACTOR, WHEN IT IS NECESSARY TO HAVE UTILITIES (INCLUDING GUY WIRES) RELOCATED OR ADJUSTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING AND COORDINATING THIS WORK WITH THE UTILITY COMPANIES.

- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO THE PREPARATION OF THE BID TO BECOME FAMILIAR WITH THE NATURE AND EXTENT OF THE WORK AND LOCAL CONDITIONS (EITHER SURFACE OR SUBSURFACE) WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIALS REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR COMPLETE PERFORMANCE UNDER CONTRACT.

- THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AT ALL INTERSECTIONS OF PROPOSED WORK AND EXISTING UTILITIES. THE EXPLORATORY EXCAVATION SHALL BE MADE 48 HOURS OR 1,000 FEET IN ADVANCE OF THE WORK, WHICHEVER IS GREATER. IF THERE IS A CONFLICT, THE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY. INFORMATION ON THE OBSTRUCTION TO BE FURNISHED BY THE CONTRACTOR SHALL INCLUDE: LOCATION, ELEVATION, UTILITY TYPE, MATERIAL AND SIZE.

- ALL EXCAVATIONS SHALL CONFORM TO THE REQUIREMENTS OF THE TRENCH SAFETY ACT. EXCESS EARTHWORK MATERIALS SHALL BE THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.

- CONTRACTOR SHALL BE RESPONSIBLE FOR THE TEMPORARY SUPPORT OF ALL UTILITIES, UTILITY POLES AND COORDINATION OF SUCH WITH UTILITY OWNERS

- THE CONTRACTOR SHALL RESTORE ALL DISTURBED MATERIALS, INCLUDING LANDSCAPING, WATER SERVICES, DRIVEWAYS, SIDEWALKS, MAILBOXES, SHRUBS, STREET SIGNS AND OTHER EXISTING FEATURES. PERSONAL PROPERTY WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED BY CONTRACTOR AS REQUIRED TO COMPLETE WORK. CONTRACTOR SHALL NOTIFY PROPERTY OWNERS OF REMOVAL REQUIREMENT A MINIMUM OF 72 HOURS PRIOR TO COMMENCING REMOVAL. PROPERTY SHALL BE RESTORED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION WITHIN THE AREA.

- CONTRACTOR WILL COORDINATE WITH THE CITY FOR LOCATION OF STAGING/STORAGE AREA. NO MATERIALS WILL BE STAGED/STORED WITHOUT CITY APPROVAL.

- THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN EXCAVATING IN PROXIMITY OF WATER MAINS, WASTEWATER FORCE MAINS, GRAVITY MAINS AND RECLAIMED WATER MAINS. MAIN LOCATIONS SHOWN ON PLANS MAY NOT BE EXACT. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING UTILITY LOCATIONS.

- SHOULD A PIPE EMERGENCY OCCUR, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY OF MAITLAND WATER PRODUCTION/DISTRIBUTION DIVISION AT (407) 875-2115 OR THE WASTEWATER DIVISION AT (407) 875-1143

- THE CONTRACTOR SHALL NOTIFY THE CITY OF MAITLAND WATER PRODUCTION/DISTRIBUTION DIVISION AT LEAST 48 HOURS PRIOR TO ANY UTILITIES CONSTRUCTION PROJECT BY CALLING (407) 875-2115.

- THE MATERIALS, PRODUCTS, AND CONSTRUCTION OF ALL UTILITIES CONNECTING TO THE CITY OF MAITLAND'S SYSTEM SHALL BE IN CONFORMANCE WITH THE ORANGE COUNTY UTILITIES STANDARDS AND CONSTRUCTION SPECIFICATIONS MANUAL.

MAINTENANCE OF TRAFFIC:

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE A MAINTENANCE OF TRAFFIC PLAN IN ACCORDANCE WITH THE 600 SERIES OF THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS, LATEST EDITION. THE CONTRACTOR SHALL SUBMIT THE MAINTENANCE OF TRAFFIC PLAN TO THE CITY OF MAITLAND FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, TRAFFIC CONTROL, PROTECTION OF ALL FINISHED WORK, INCLUDING SIDEWALKS, CURB AND GUTTER, DRIVEWAY APRONS AND WATER METERS.
- CONTRACTOR TO MAINTAIN INGRESS / EGRESS TO AND FROM ALL RESIDENCES AT ALL TIMES DURING CONSTRUCTION OPERATIONS, UNLESS SPECIFICALLY MENTIONED OTHERWISE HEREIN.
- CONTRACTOR TO SECURE CONSTRUCTION SITE AT ALL TIMES FROM VEHICULAR ACCESS AS WELL AS PEDESTRIAN PASSAGE AND BICYCLIST TRAFFIC.
- CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE RESIDENTIAL PROPERTY AND SHALL MAINTAIN CONSTRUCTION WITHIN THE RIGHT-OF-WAY AND UTILITY EASEMENTS.

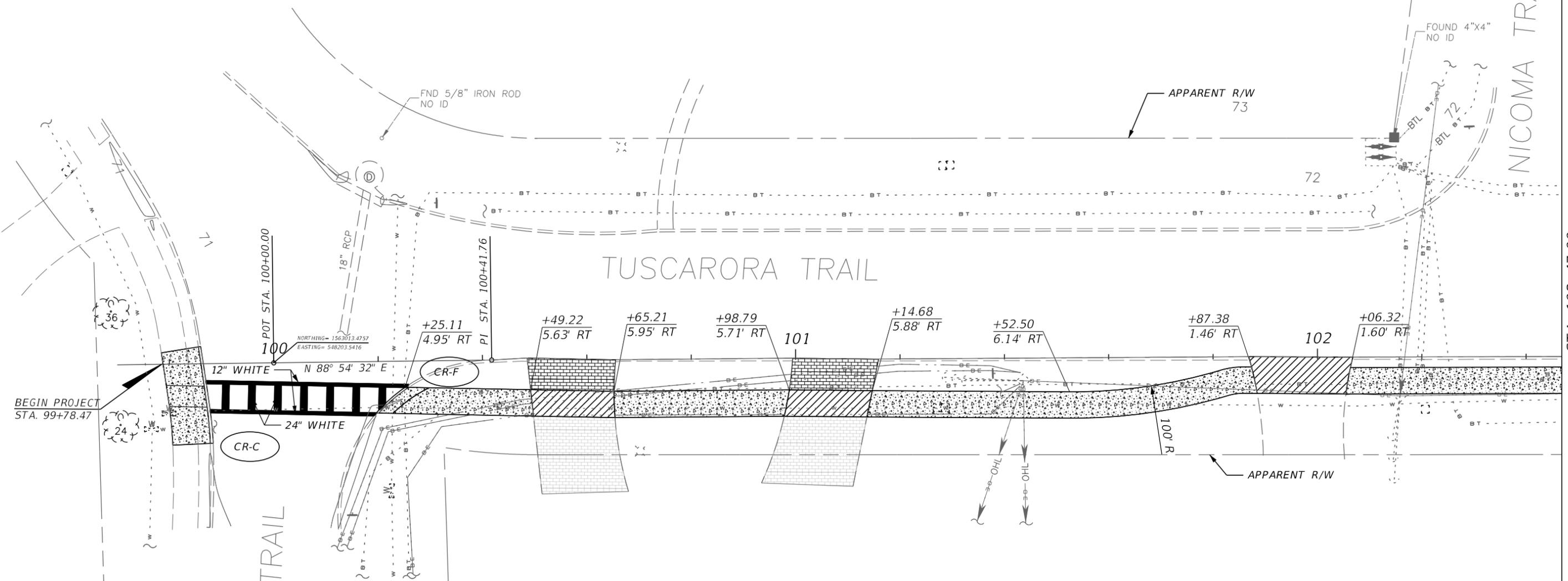
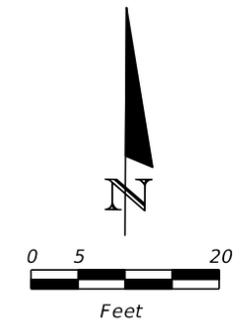
LANDSCAPING

- ALL AREAS WHERE LANDSCAPING OR SOD HAS BEEN REMOVED OR DISTURBED BY CONTRACTOR'S OPERATIONS SHALL BE LANDSCAPED OR RESODDED TO RESTORE THE ORIGINAL OR BETTER CONDITION.
- ALL PUBLIC AREAS AND PRIVATE PROPERTY DISTURBED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION EXISTING BEFORE COMMENCING CONSTRUCTION WORK.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL NEWLY PLANTED GRASS OR VEGETATION UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY AND FINAL PAYMENT ISSUED.
- THE CONTRACTOR SHALL RESTORE ALL AFFECTED IRRIGATION SYSTEM COMPONENTS TO NORMAL OPERATION.

REVISIONS				BURGESS & NIPLE SCOTT D. PERFATER, P.E. P.E. NO. 64306 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810 CERTIFICATE NO. 9853	CITY OF MAITLAND		SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		JOB	PROJECT	
					54528	TUSCARORA SIDEWALK	

PROJECT NOTES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- 4" CONCRETE SIDEWALK
- 6" CONCRETE SIDEWALK
- REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION
- CURB RAMP PER FDOT STD INDEX 304

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

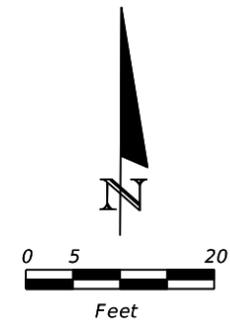
CITY OF MAITLAND
 JOB: 54528
 PROJECT: TUSCARORA SIDEWALK

PLAN SHEET
 SHEET NO. 6

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

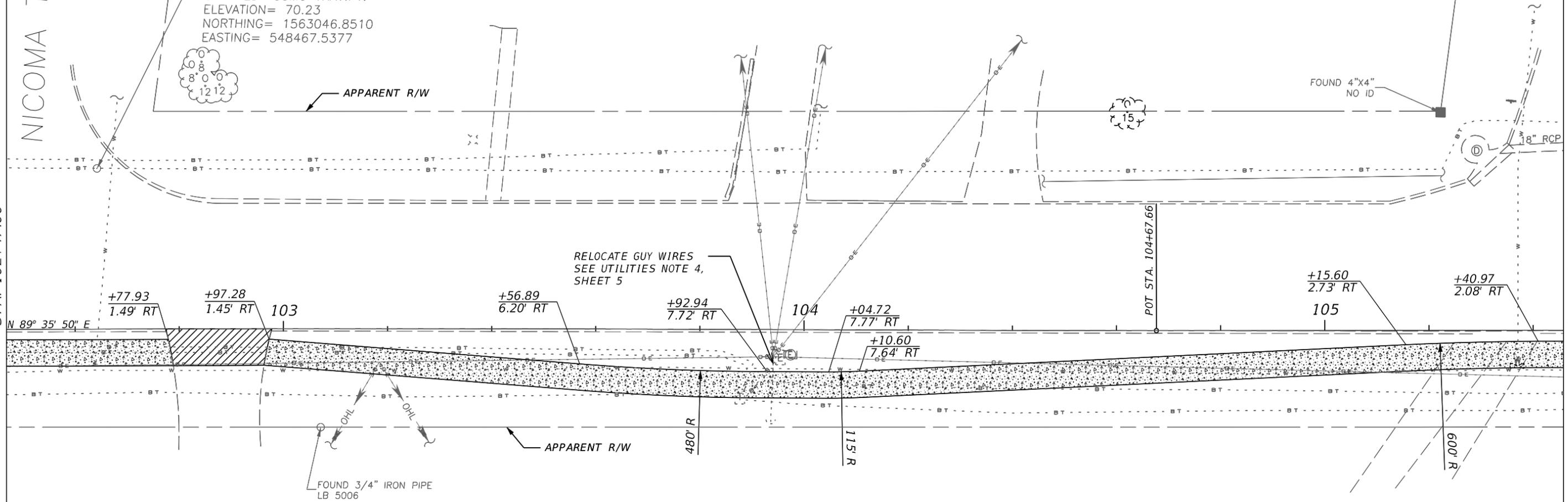
NICOMA TRAIL

SITE BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV.PT."
 ELEVATION= 70.23
 NORTHING= 1563046.8510
 EASTING= 548467.5377



STA. 102+47.00

STA. 105+46.00



-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

CITY OF MAITLAND	
JOB	PROJECT
54528	TUSCARORA SIDEWALK

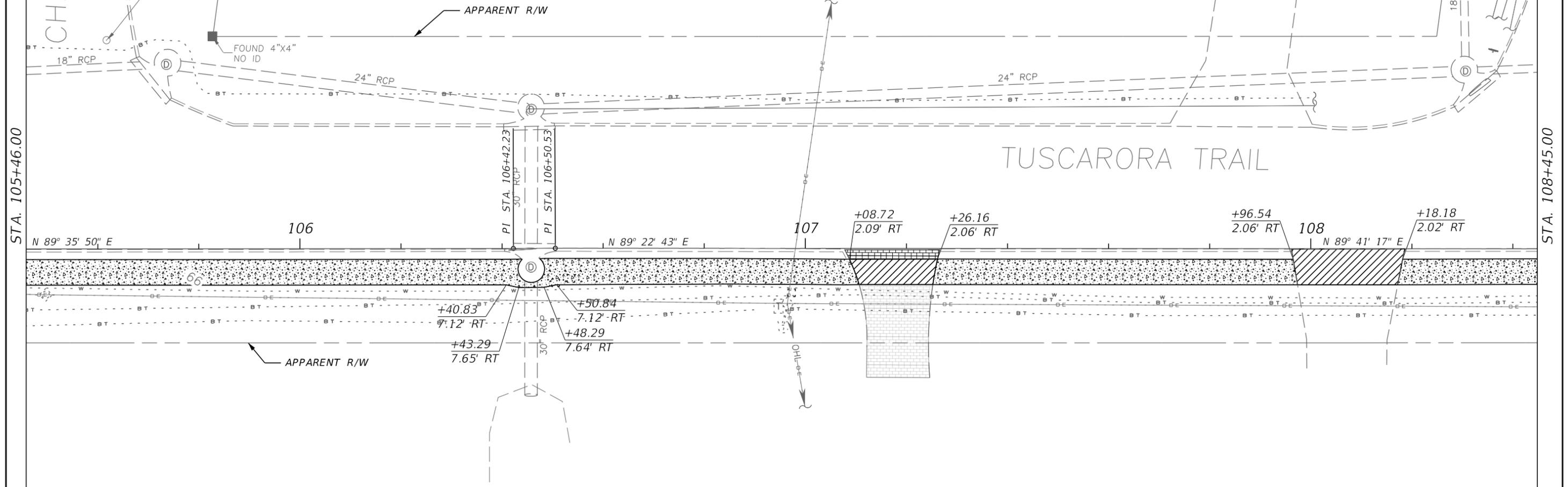
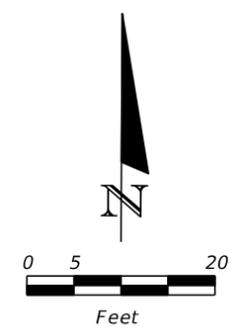
PLAN SHEET

SHEET NO.
7

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CHICKAPEE TRAIL

SITE BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV.PT."
 ELEVATION= 66.22
 NORTHING= 1563058.7909
 EASTING= 548765.0171



-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

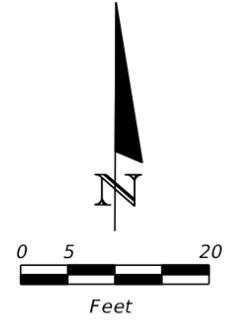
BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

CITY OF MAITLAND
 JOB: 54528
 PROJECT: TUSCARORA SIDEWALK

PLAN SHEET

SHEET NO.
 8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

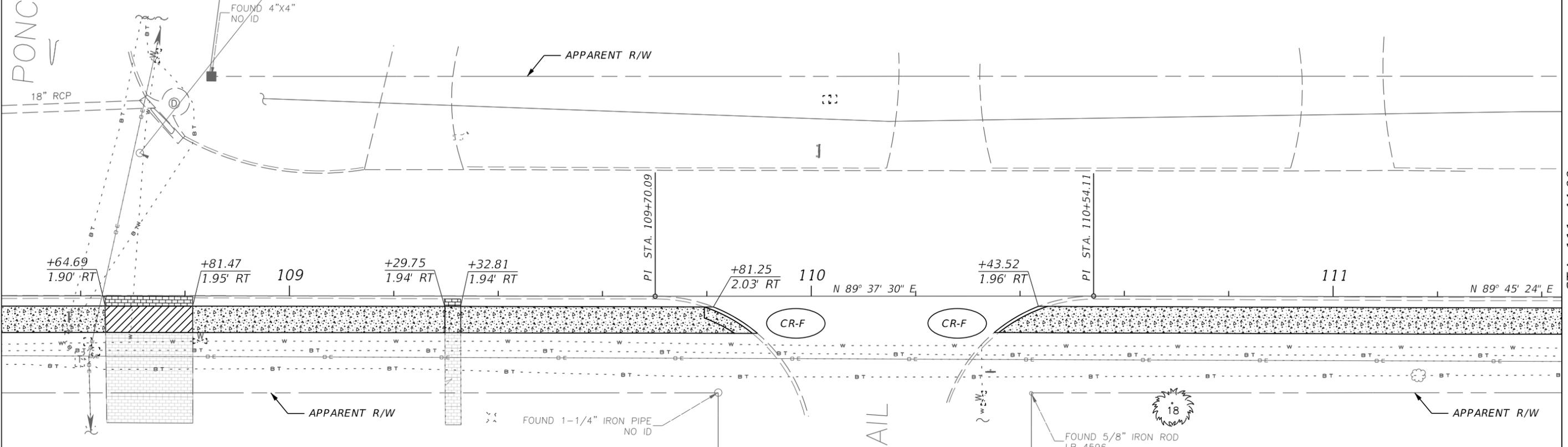


SITE BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV.PT."
 ELEVATION= 68.95
 NORTHING= 1563046.8810
 EASTING= 549074.6965

PONCA TRAIL

STA. 108+45.00

STA. 111+44.00



-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION
-  CURB RAMP PER FDOT STD INDEX 304

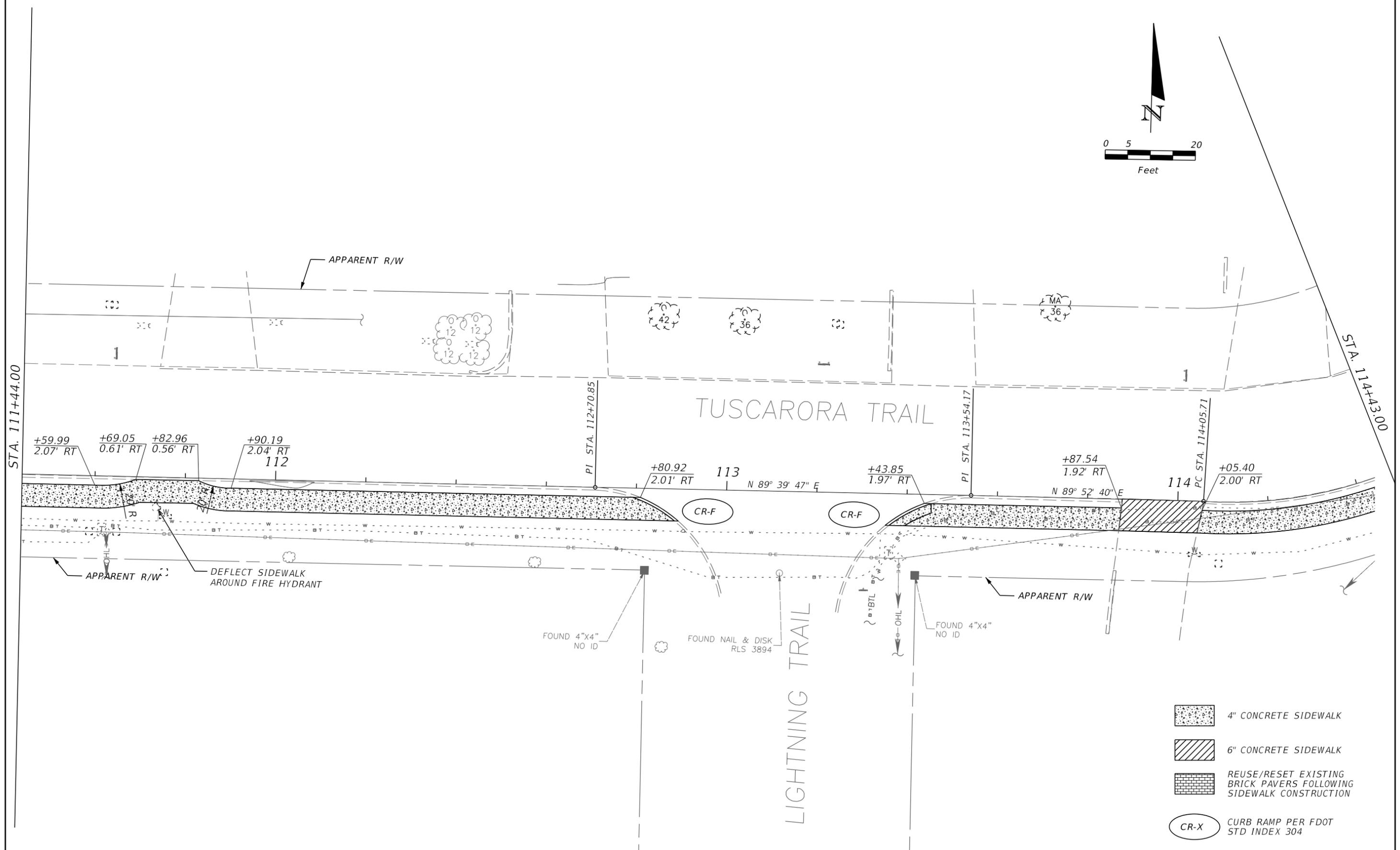
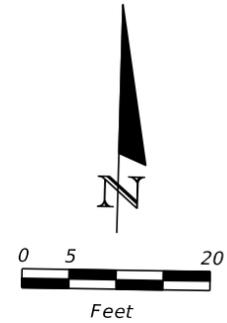
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

CITY OF MAITLAND
 JOB: 54528
 PROJECT: TUSCARORA SIDEWALK

PLAN SHEET
 SHEET NO. 9

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-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION
-  CR-X CURB RAMP PER FDOT STD INDEX 304

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

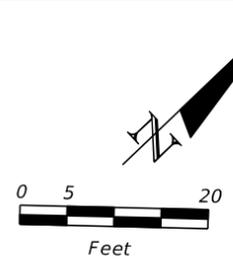
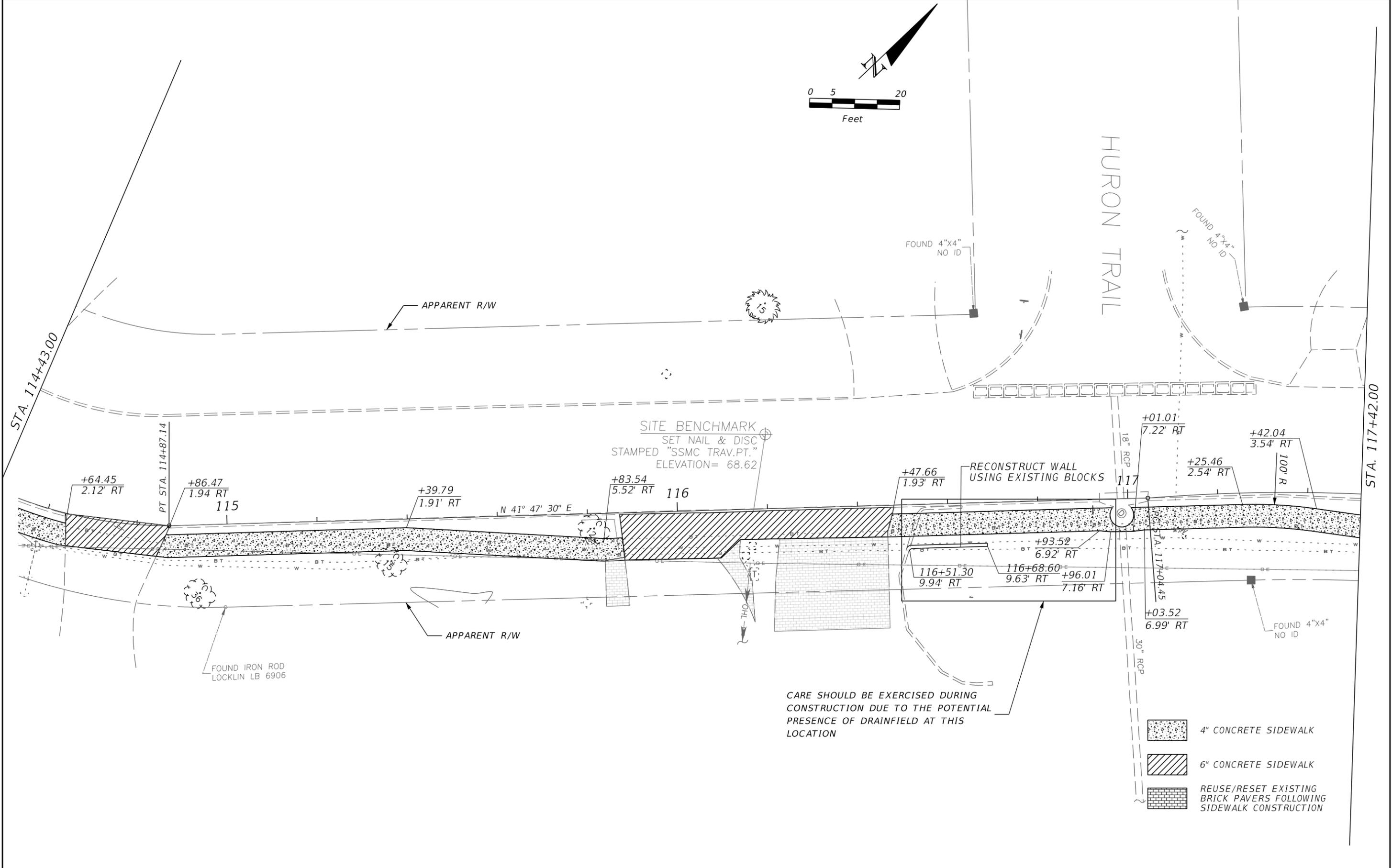
CITY OF MAITLAND

JOB	PROJECT
54528	TUSCARORA SIDEWALK

PLAN SHEET

SHEET NO.
10

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



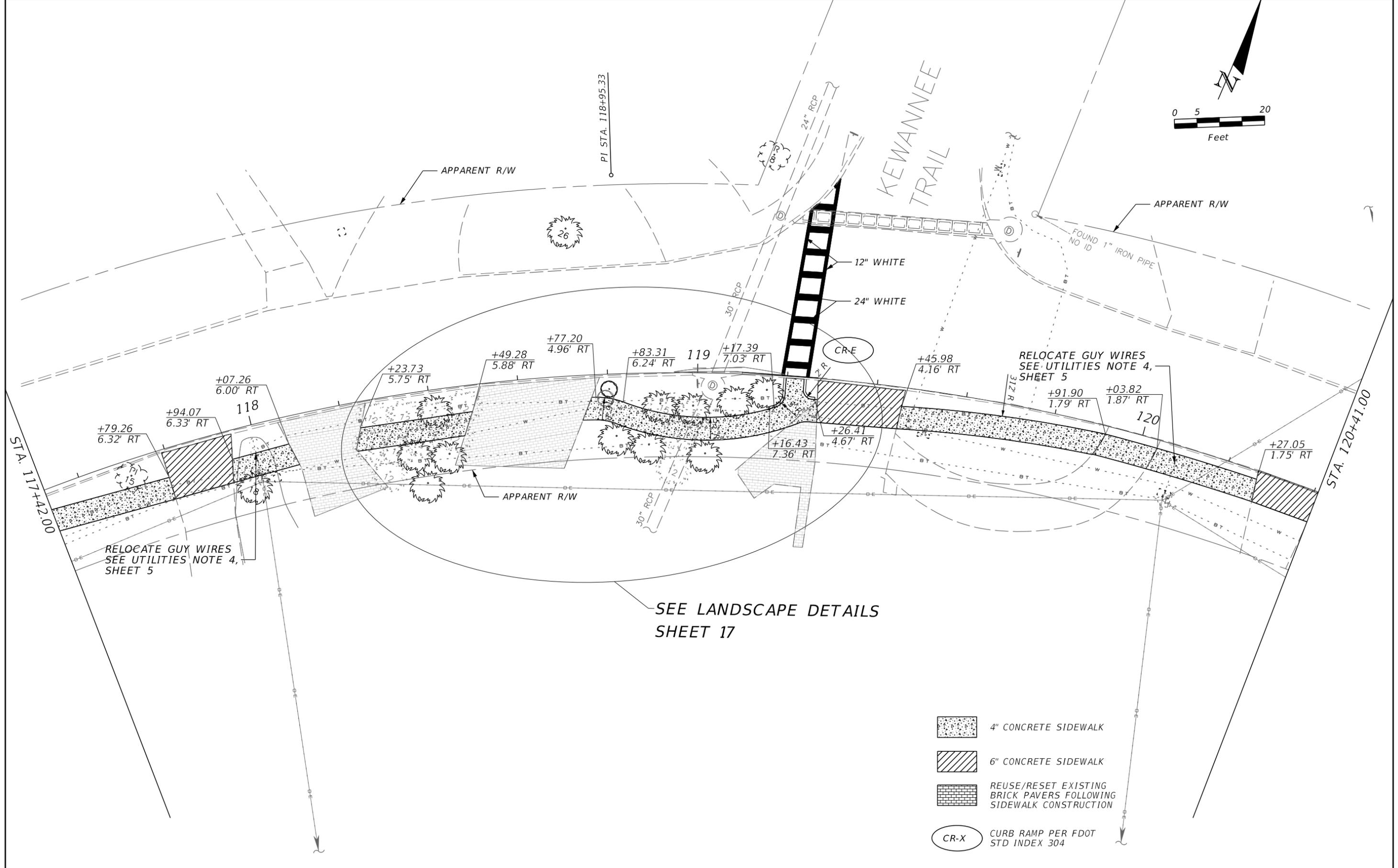
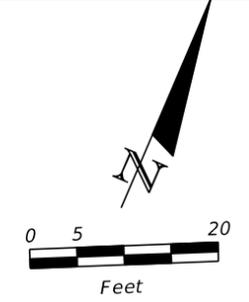
HURON TRAIL

CARE SHOULD BE EXERCISED DURING CONSTRUCTION DUE TO THE POTENTIAL PRESENCE OF DRAINFIELD AT THIS LOCATION

-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION

REVISIONS				BURGESS & NIPLE	CITY OF MAITLAND		PLAN SHEET	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		JOB	PROJECT		
				SCOTT D. PERFATER, P.E. P.E. NO. 64306 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810 CERTIFICATE NO. 9853	54528	TUSCARORA SIDEWALK		

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-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION
-  CR-X CURB RAMP PER FDOT STD INDEX 304

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

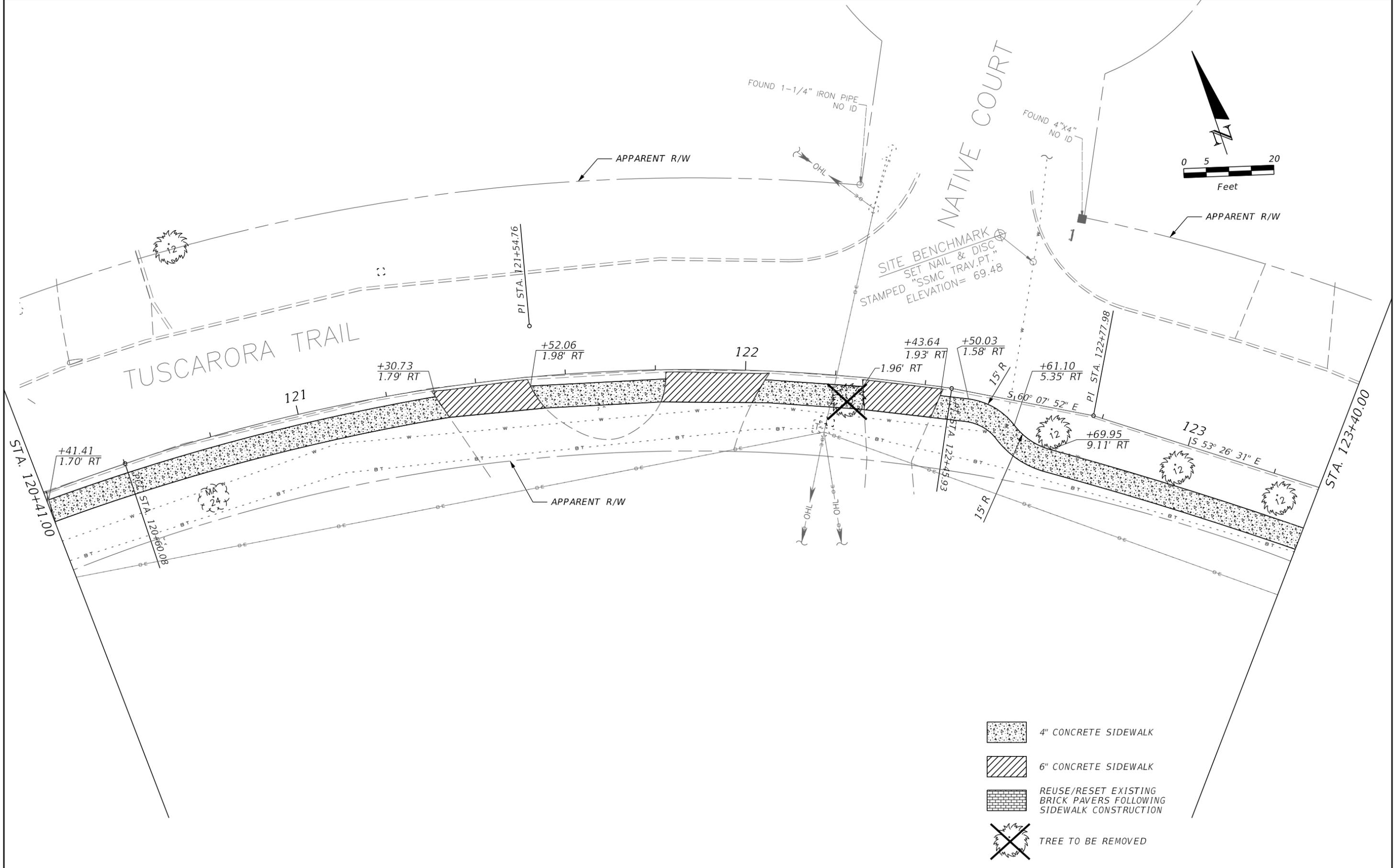
BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

CITY OF MAITLAND	
JOB	PROJECT
54528	TUSCARORA SIDEWALK

PLAN SHEET

SHEET NO.
12

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION
-  TREE TO BE REMOVED

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

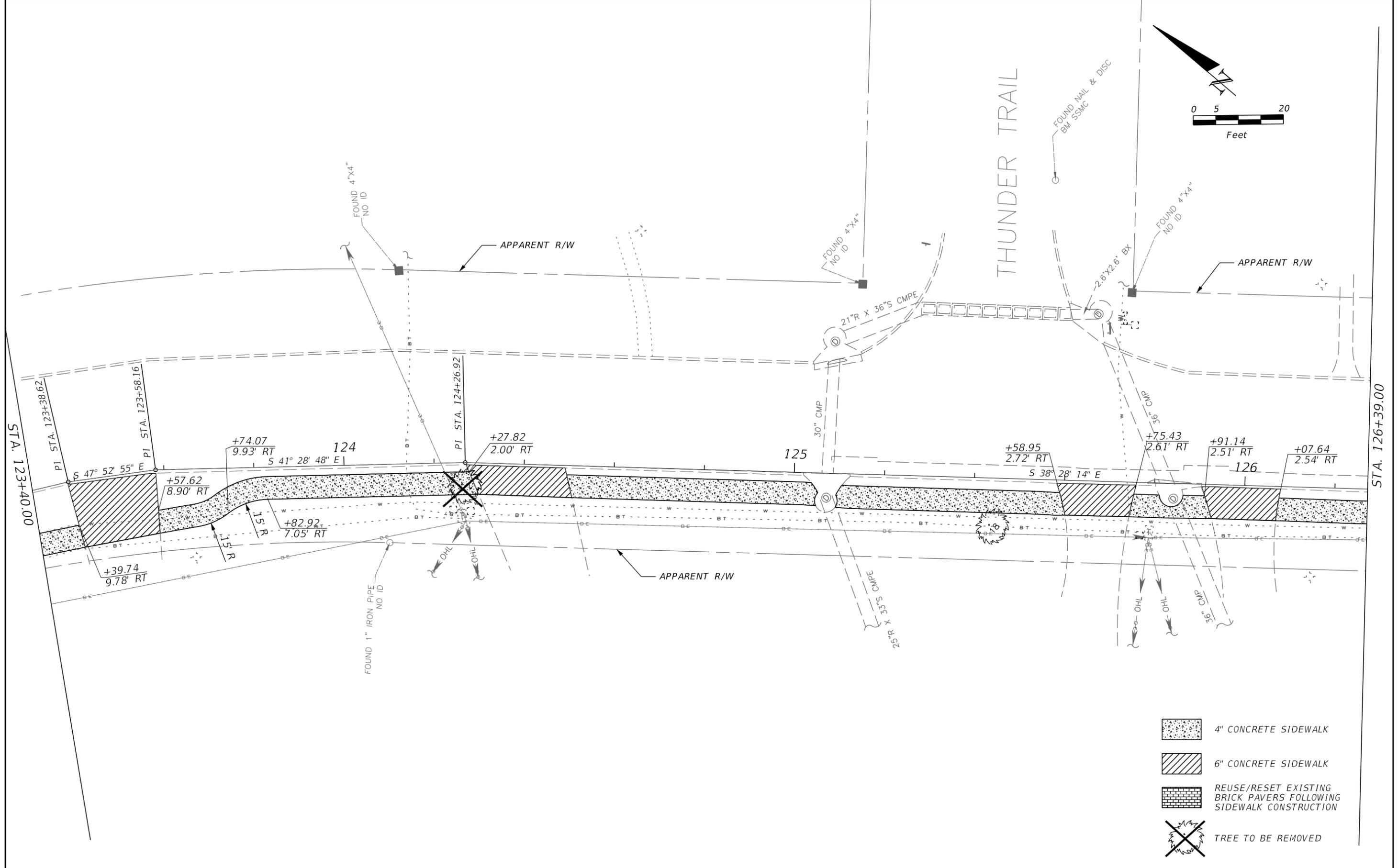
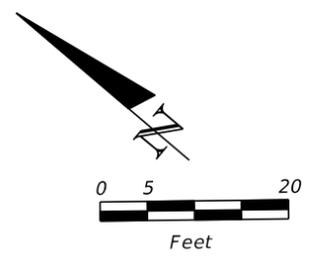
BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

CITY OF MAITLAND	
JOB	PROJECT
54528	TUSCARORA SIDEWALK

PLAN SHEET

SHEET NO.
13

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-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION
-  TREE TO BE REMOVED

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

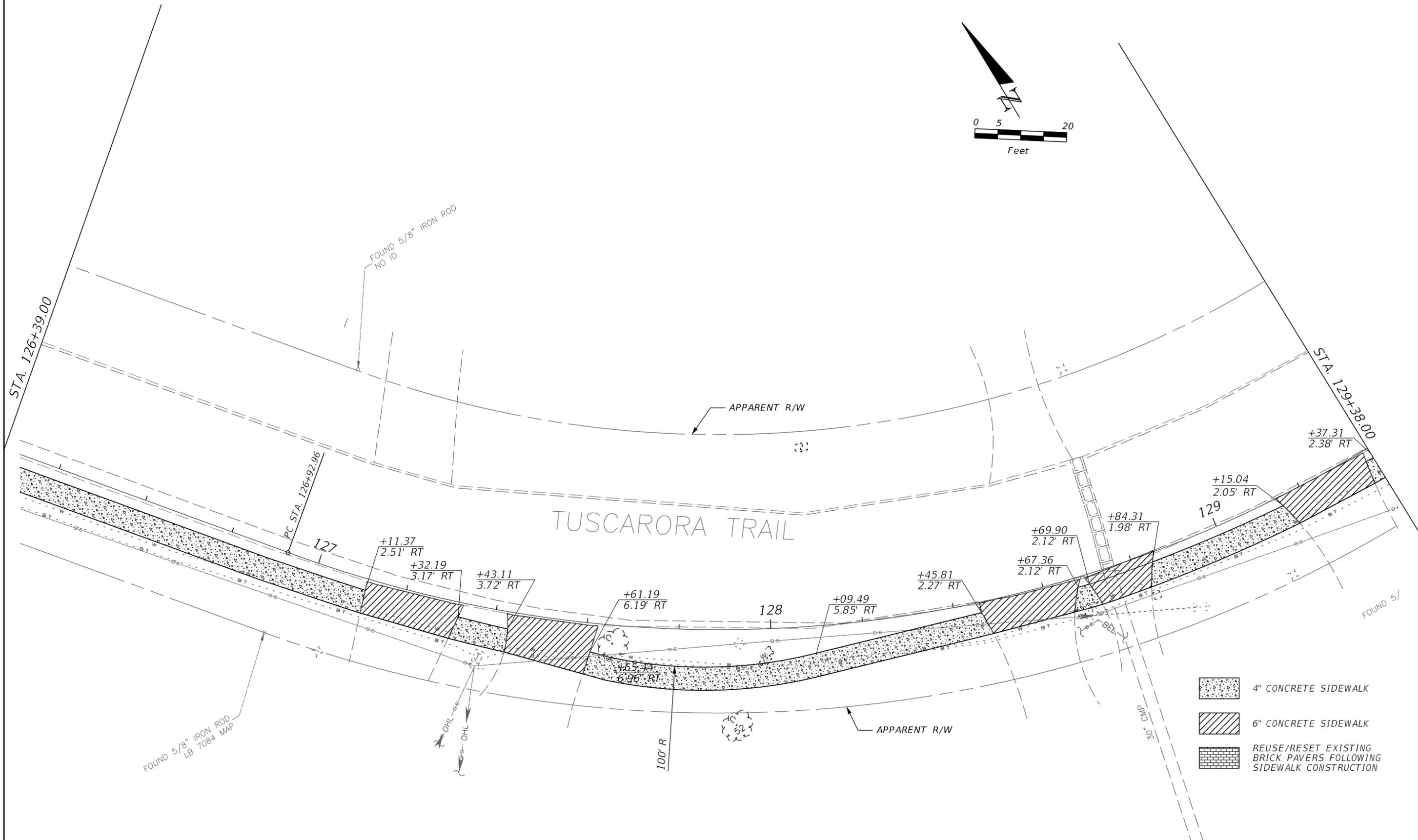
CITY OF MAITLAND

JOB	PROJECT
54528	TUSCARORA SIDEWALK

PLAN SHEET

SHEET NO.
14

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

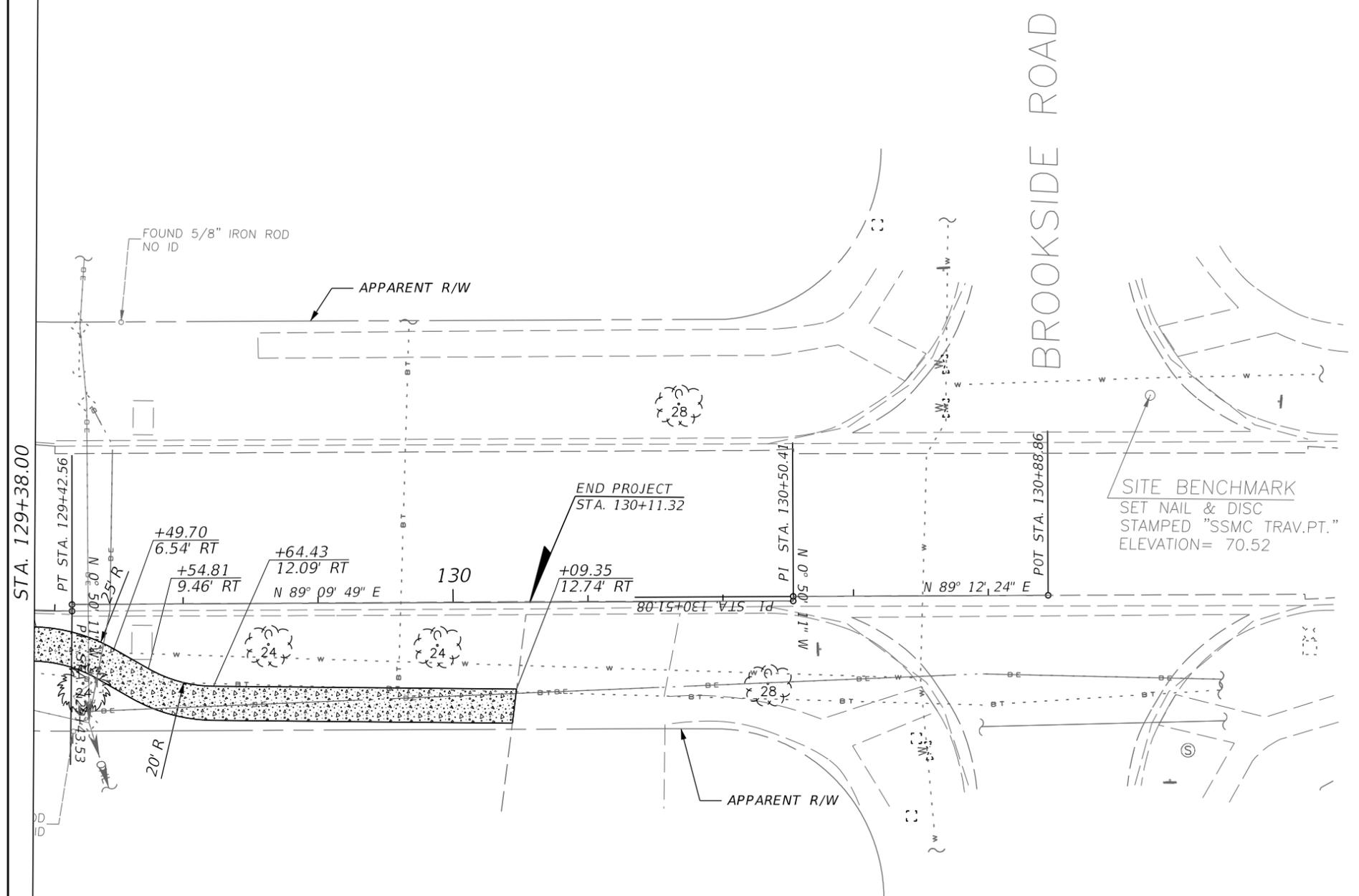
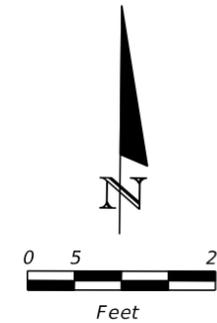
BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

CITY OF MAITLAND	
JOB	PROJECT
54528	TUSCARORA SIDEWALK

PLAN SHEET

SHEET NO.
15

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-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

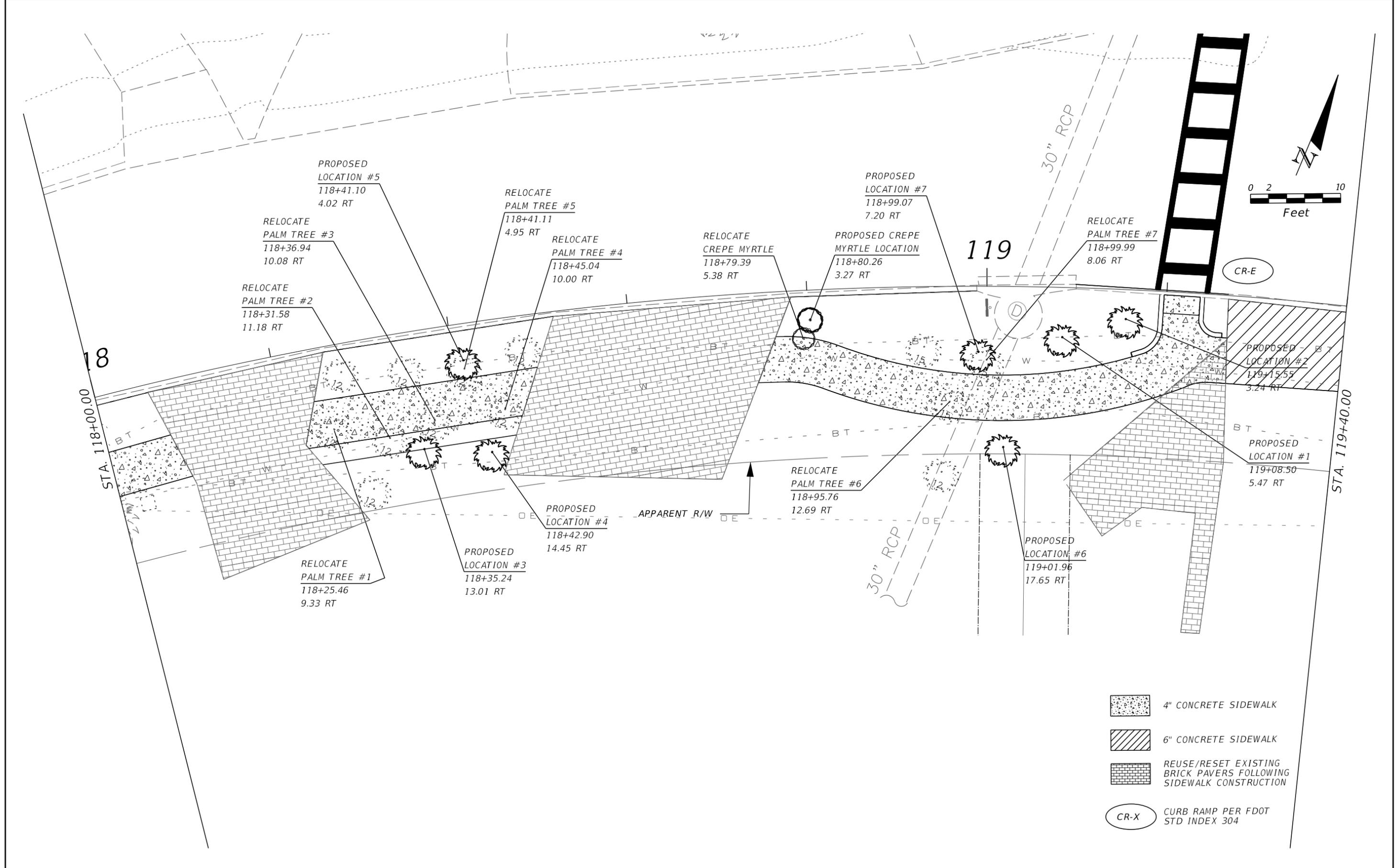
BURGESS & NIPLE
 SCOTT D. PERFATER, P.E.
 P.E. NO. 64306
 1800 PEMBROOK DRIVE, SUITE 265
 ORLANDO, FL 32810
 CERTIFICATE NO. 9853

CITY OF MAITLAND	
JOB	PROJECT
54528	TUSCARORA SIDEWALK

PLAN SHEET

SHEET NO.
16

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  REUSE/RESET EXISTING BRICK PAVERS FOLLOWING SIDEWALK CONSTRUCTION
-  CR-X CURB RAMP PER FDOT STD INDEX 304

REVISIONS				BURGESS & NIPLE SCOTT D. PERFATER, P.E. P.E. NO. 64306 1800 PEMBROOK DRIVE, SUITE 265 ORLANDO, FL 32810 CERTIFICATE NO. 9853	CITY OF MAITLAND		LANDSCAPE DETAILS	SHEET NO. 17
DATE	DESCRIPTION	DATE	DESCRIPTION		JOB	PROJECT		
					54528	TUSCARORA SIDEWALK		

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