SUMMARY OF EROSION CONTROL

LOCATION	SIDE	SILT FENCE STAKED (LF)		LOCATION	SIDE	TURBIDITY BARRIER, STAKED (LF)		TURBIDITY BARRIER, STAKED (LF)	
STA. TO STA.		P	F	STA TO STA		P	F	P	F
GATLIN									
11+00 TO 15+96	R	496							
11+00 TO 16+20	L	520							
16+95 TO 22+69	R	574							
22+95 TO 27+00	R	405							
16+95 TO 22+30	L	535							
23+20 TO 27+00	L	380							
KENNEDY									
10+48 TO 14+50	L	402							
10+48 TO 14+50	R	402							
15+45 TO 18+18	L	273							
TOTAL		3,987		TOTAL					

SUMMARY OF SODDING

LOCATION	SIDE	P			F			FIELD BOOK
STA. TO STA.		L	W	SY	L	W	SY	REFERENCE
GATLIN								
11+00 TO 15+90	R	490	VARIES	327.0				
15+90 TO 16+20	R	30	VARIES	50.0				
16+70 TO 20+65	R	395	VARIES	948.7				
22+15 TO 22+50	R	56.5	VARIES	31.4				
22+95 TO 27+00	R	405	VARIES	665.1				
KENNEDY								
10+48 TO 11+76	L	128	VARIES	171.0				
11+76 TO 13+39	L	163	VARIES	73.0				
13+39 TO 14+55	L	116	VARIES	425.2				
14+30 TO 14+60	L	VARIES	VARIES	57.0				
15+70 TO 18+18	L	248	VARIES	110.2				

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Orlando, FL 32809
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Fax: 407-895-0325
www.feg-inc.us

SUMMARY OF DRAINAGE STRUCTURES

QTY	STR. NO.	INDEX NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE	LENGTH	R.C.P. STORM SEWER CLASS III 15"	18"	24"	36"	14X23	CURB INLET P-1 <10	P-3 <10	P-4 <10	P-7 <10	MH P-7 <10	J-7 <10	DITCH BOTTOM INLET C <10	C (J) <10	D <10	D MOD <10	MITERED END SECTION 18" SD	18" CD	24" CD	30" CD	BARRIER WALL INLET 3 MOD <10	C&G <10	C&G (J) >10	TYPE S INLET	MODIFY EXISTING DRAINAGE STRUCTURE	CLASS I CONC. (CY)	REINF. STEEL (LB)	END WALL GRATE (LB)	DITCH PAV'T (CY)	TYPE E INLET	REMARKS
P	S-1	430-021	15+96.66	RT	MES, PIPE	1	18	16		16															1													GATLIN AVENUE
P	S-2	430-030	20+36.76	RT	ENDWALL, PIPE	1	18	5		5																							1.59					ENDWALL (GATLIN AVE)
P	S-3	425-001,010	10+50	LT	MANHOLE, PIPE	1	18	281		281								1																				KENNEDY AVENUE
P	S-4	425-020	13+30.66	LT	INLET, PIPE	1	18	61		61				1																								KENNEDY AVENUE
P	S-5	430-021	13+85.93	LT	MES	1																		1														KENNEDY AVENUE (W/ 5'x5' RIP-RAP)
P	S-6	430-021	14+20.62	LT	MES, PIPE	1	18	18		18														1														KENNEDY AVENUE
P	S-7	430-021	14+38.02	LT	MES	1																		1														KENNEDY AVENUE (W/ 5'x5' RIP-RAP)
SUBTOTAL					P = PLAN QUANTITY					381				1				1						3	1													
					F = FINAL QUANTITY																																	
TOTAL					P = PLAN QUANTITY																																	
					F = FINAL QUANTITY																																	

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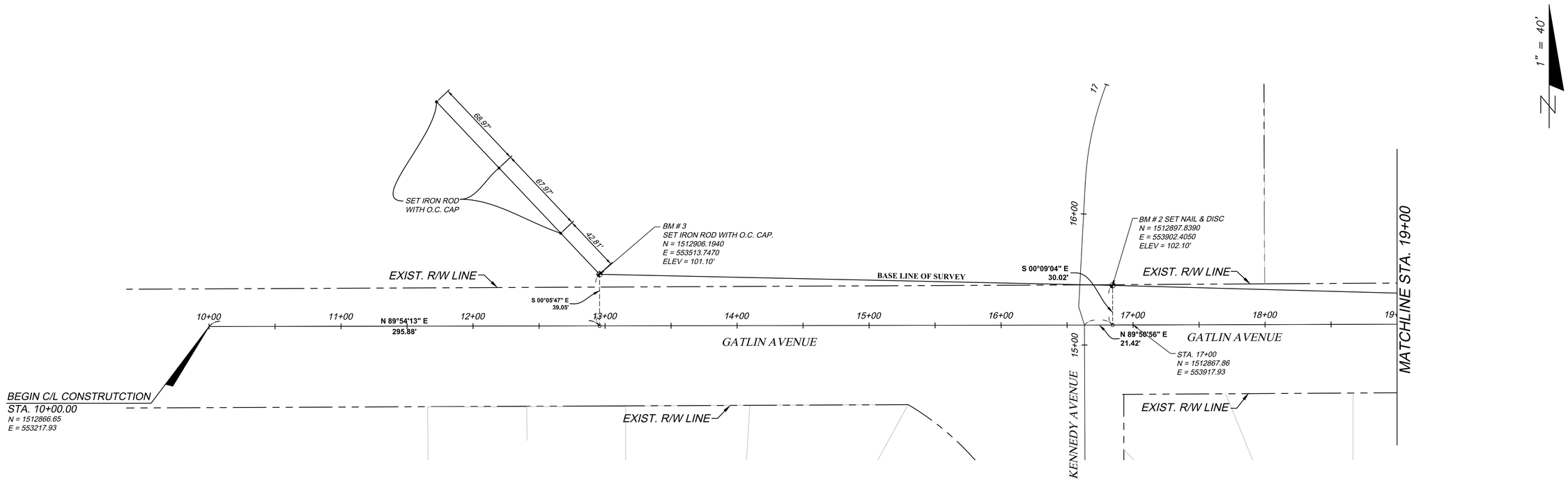
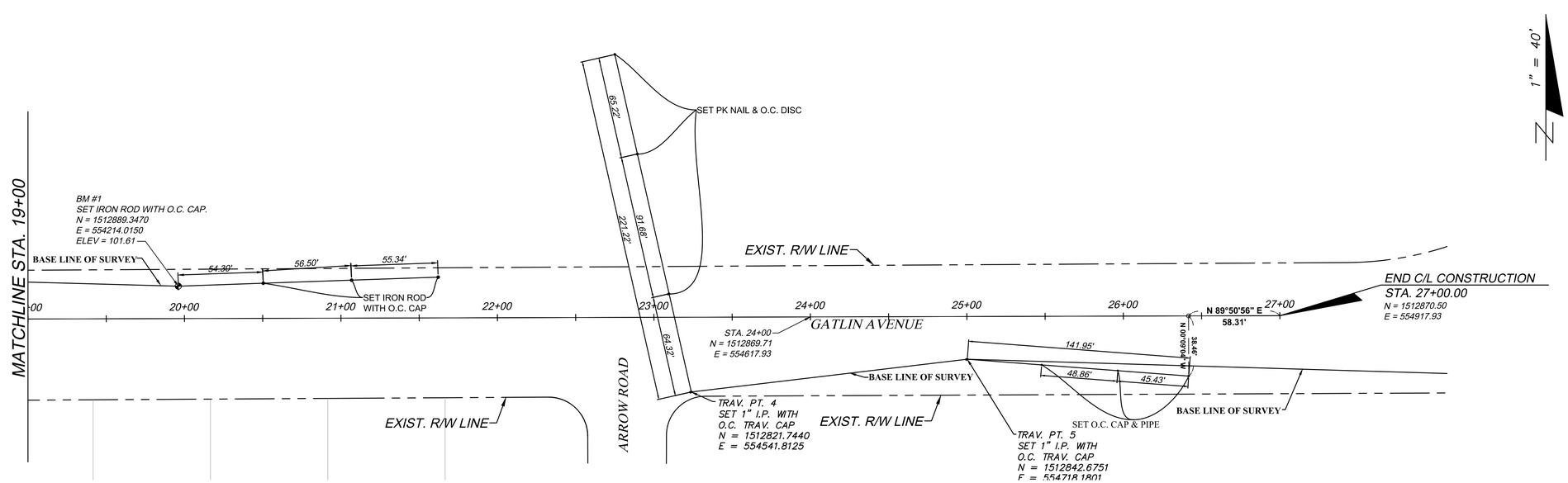
GATLIN AVENUE, KENNEDY AVENUE AND ARROW ROAD INTERSECTION IMPROVEMENTS	TA-12-004	2722

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 13





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ORANGE COUNTY GOVERNMENT FLORIDA

SURVEY SECTION
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ORLANDO, FLORIDA 32839-9205
(407) 836-7940

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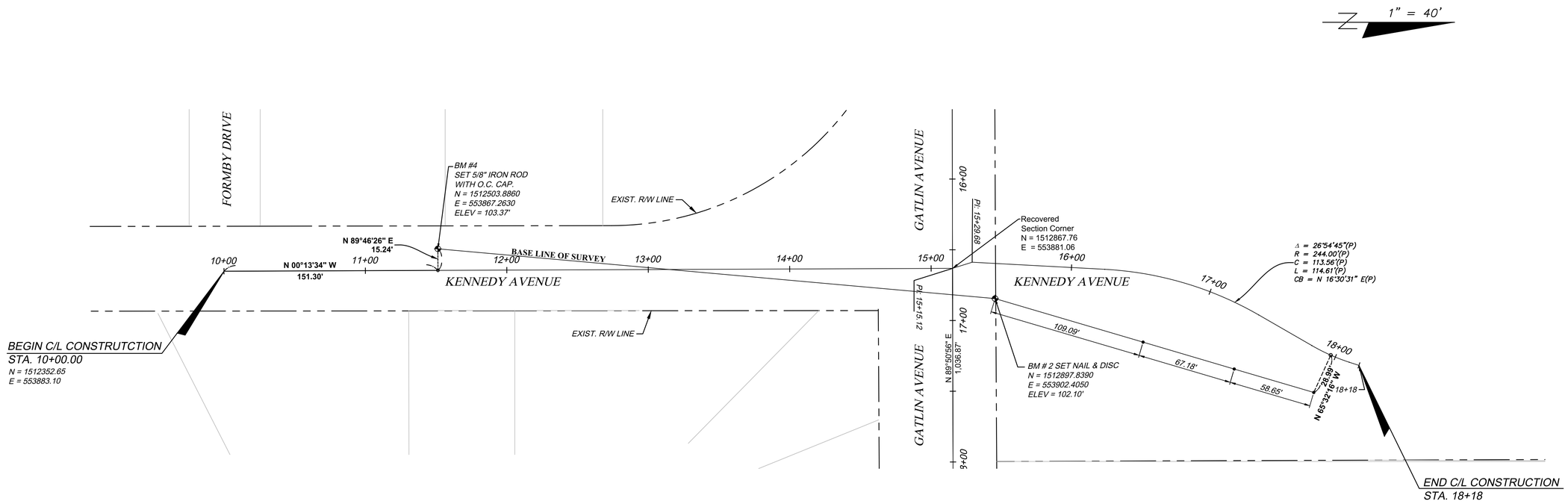
GATLIN AVENUE, KENNEDY AVENUE AND ARROW ROAD INTERSECTION IMPROVEMENTS	TA-12-004	2722

SURVEY CONTROL PLAN

SHEET NO.
14



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(407) 836-7940

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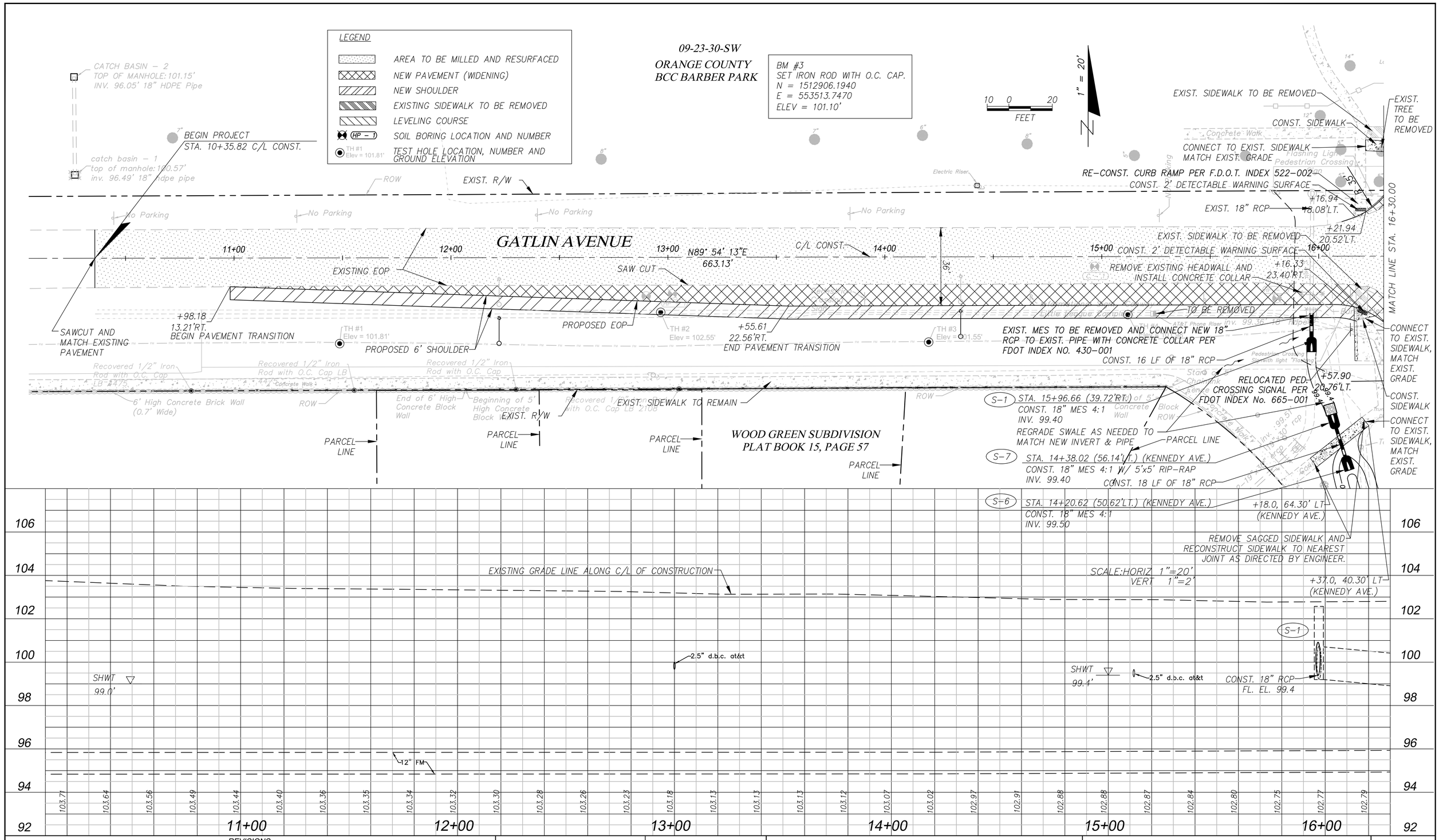
SURVEY CONTROL PLAN

SHEET NO.
15



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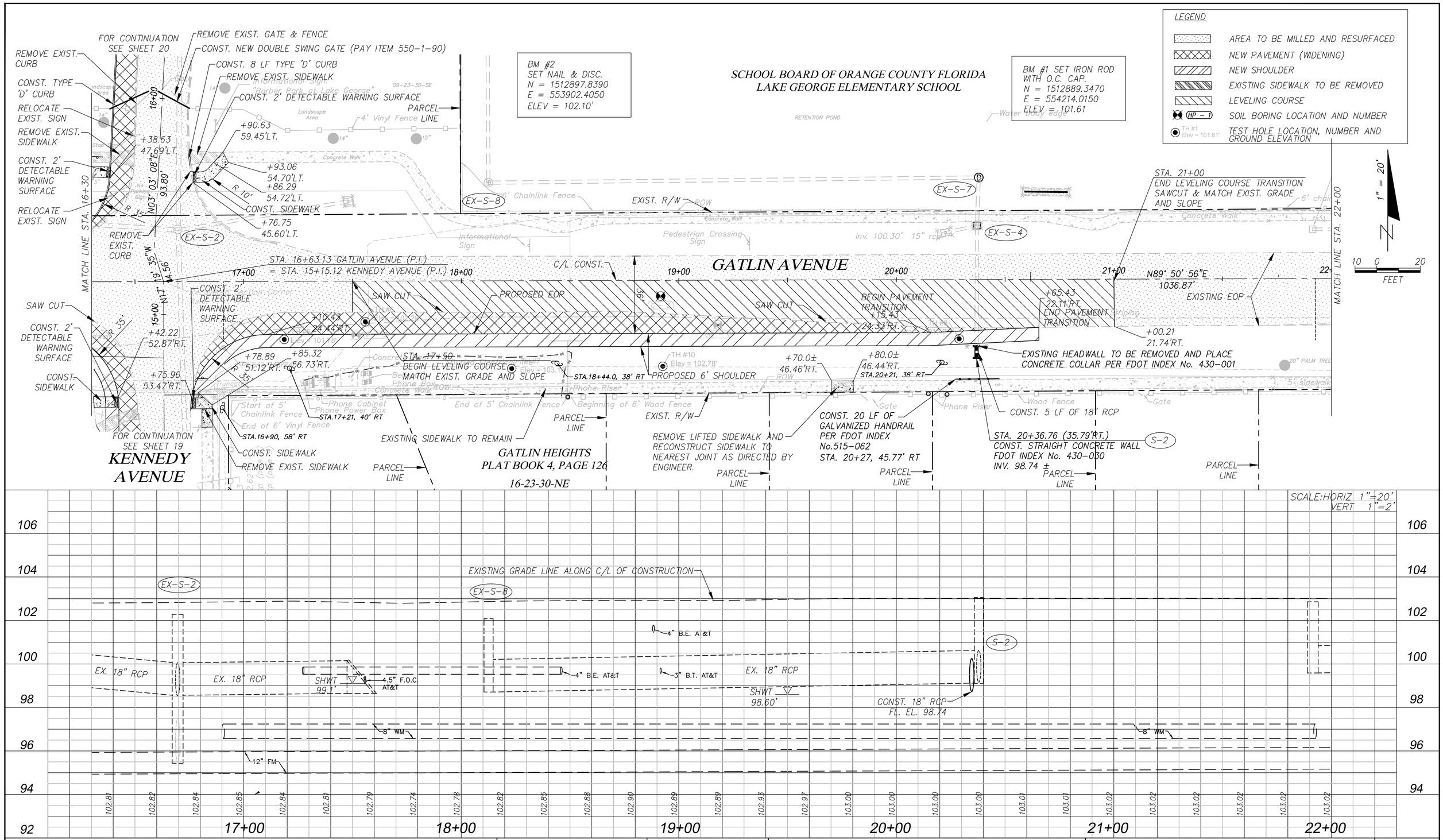
PLAN & PROFILE SHEET

SHEET NO. 16



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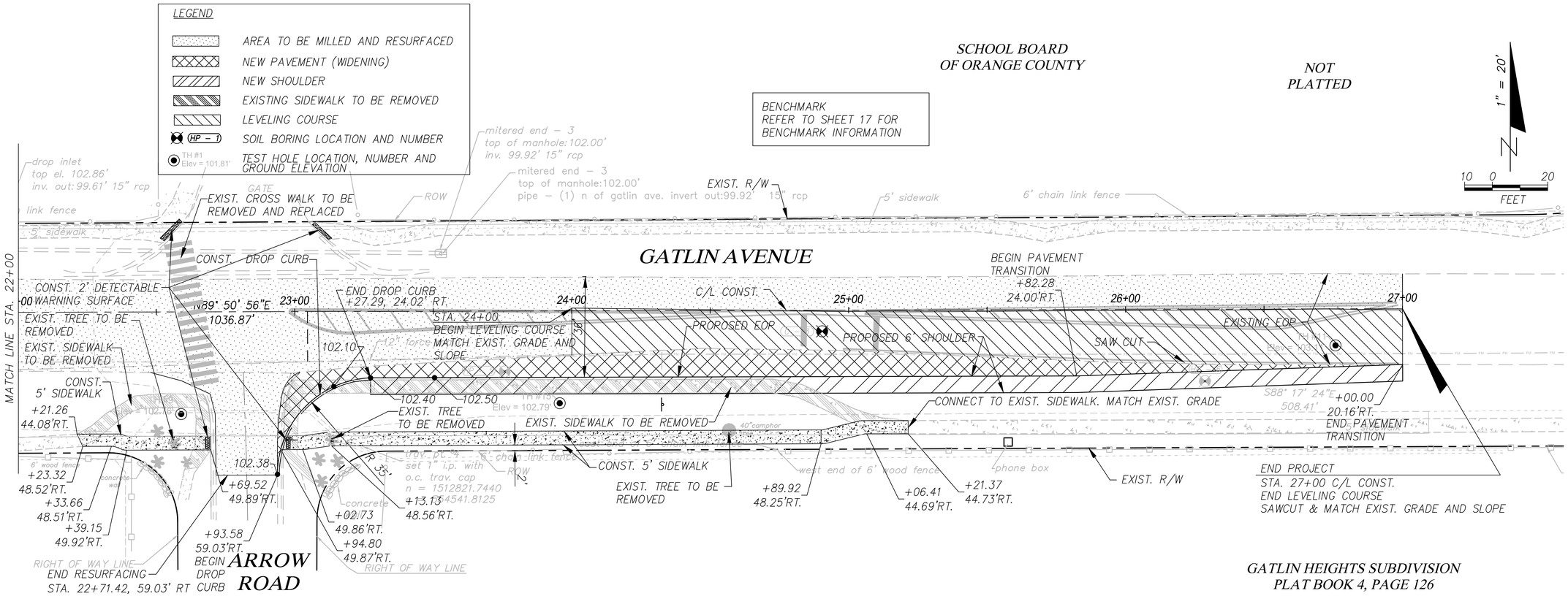
PLAN & PROFILE SHEET

SHEET NO. 17



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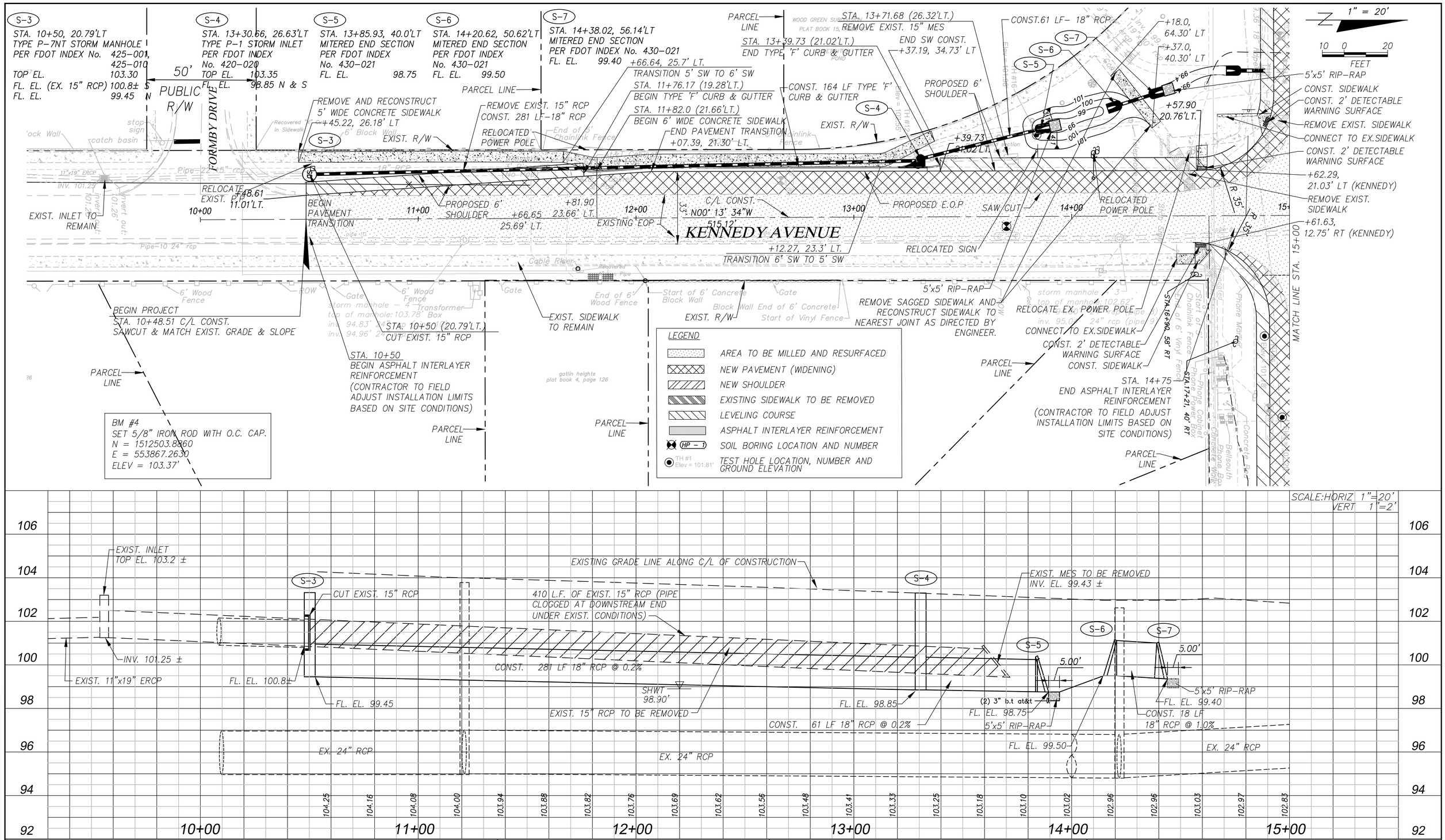
PLAN & PROFILE SHEET

SHEET NO. 18



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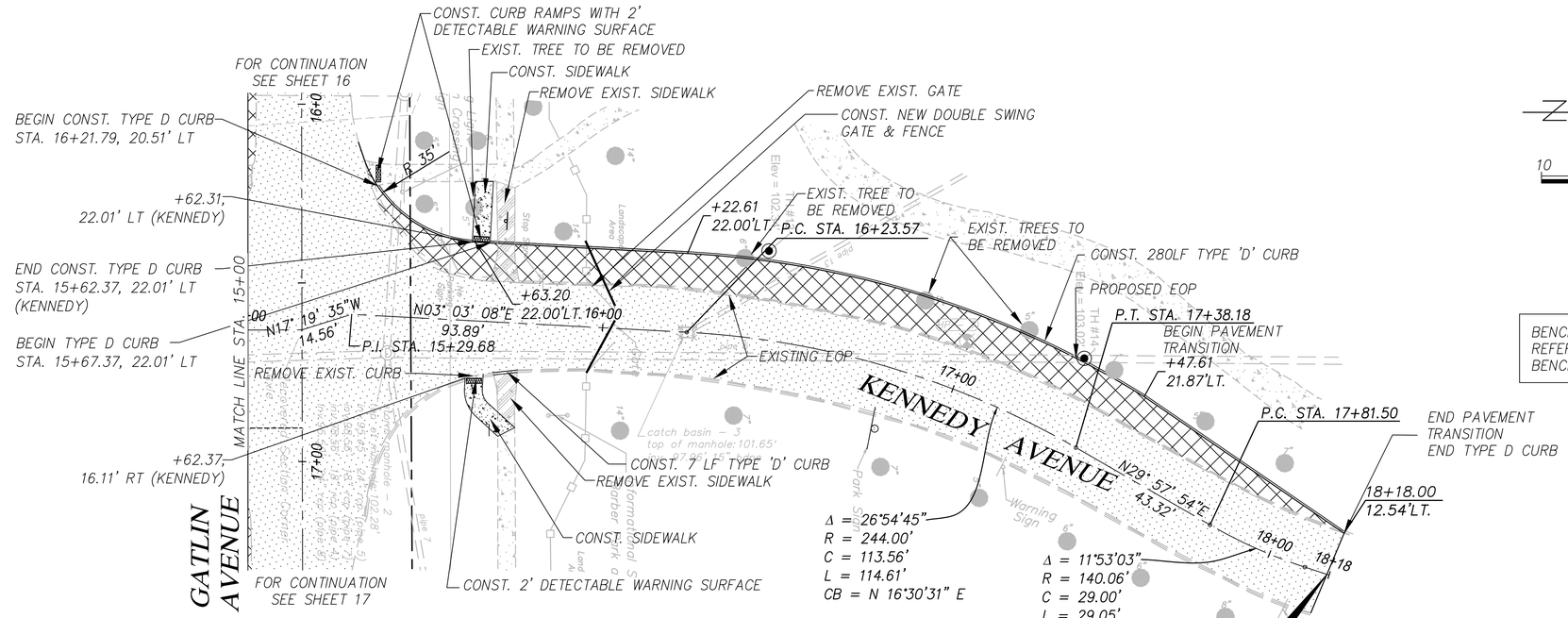
PLAN & PROFILE SHEET

SHEET NO. 19


CONST. CURB RAMPS WITH 2' DETECTABLE WARNING SURFACE
EXIST. TREE TO BE REMOVED
CONST. SIDEWALK
REMOVE EXIST. SIDEWALK
FOR CONTINUATION SEE SHEET 16
BEGIN CONST. TYPE D CURB STA. 16+21.79, 20.51' LT
R 35'
+62.31, 22.01' LT (KENNEDY)
END CONST. TYPE D CURB STA. 15+62.37, 22.01' LT (KENNEDY)
BEGIN TYPE D CURB STA. 15+67.37, 22.01' LT
N17° 19' 35"W 14.56'
P.I. STA. 15+29.68
N03° 03' 08"E 93.89'
+63.20 22.00'LT.
16+00
REMOVE EXIST. CURB
MATCH LINE STA. 15+00
+62.37, 16.11' RT (KENNEDY)
17+00
GATLIN AVENUE
FOR CONTINUATION SEE SHEET 17
CONST. 2' DETECTABLE WARNING SURFACE
CONST. 7 LF TYPE 'D' CURB
REMOVE EXIST. SIDEWALK
CONST. SIDEWALK
REMOVE EXIST. GATE
CONST. NEW DOUBLE SWING GATE & FENCE
+22.61 22.00'LT.
EXIST. TREE TO BE REMOVED
P.C. STA. 16+23.57
EXIST. TREES TO BE REMOVED
CONST. 280LF TYPE 'D' CURB
PROPOSED EOP
P.T. STA. 17+38.18
BEGIN PAVEMENT TRANSITION
+47.61 21.87'LT.
EXISTING EOP
17+00
KENNEDY AVENUE
N29° 57' 54"E 43.32'
P.C. STA. 17+81.50
END PAVEMENT TRANSITION END TYPE D CURB
18+18.00 12.54'LT.
18+00
18+18
Δ = 26°54'45"
R = 244.00'
C = 113.56'
L = 114.61'
CB = N 16°30'31" E
Δ = 11°53'03"
R = 140.06'
C = 29.00'
L = 29.05'
CB = N 24°01'22" E
END PROJECT
STA. 18+18 C/L CONST. MATCH EXIST. GRADE & SLOPE
catch basin – 3
top of manhole: 101.65'
Warning Sign
Traffic Sign
Park Sign
Barber Park
Landscape Wall
Elev = 102.28'
Elev = 101.81'
TH #1
TH #2
TH #3
TH #4
TH #5
TH #6
TH #7
TH #8
TH #9
TH #10
TH #11
TH #12
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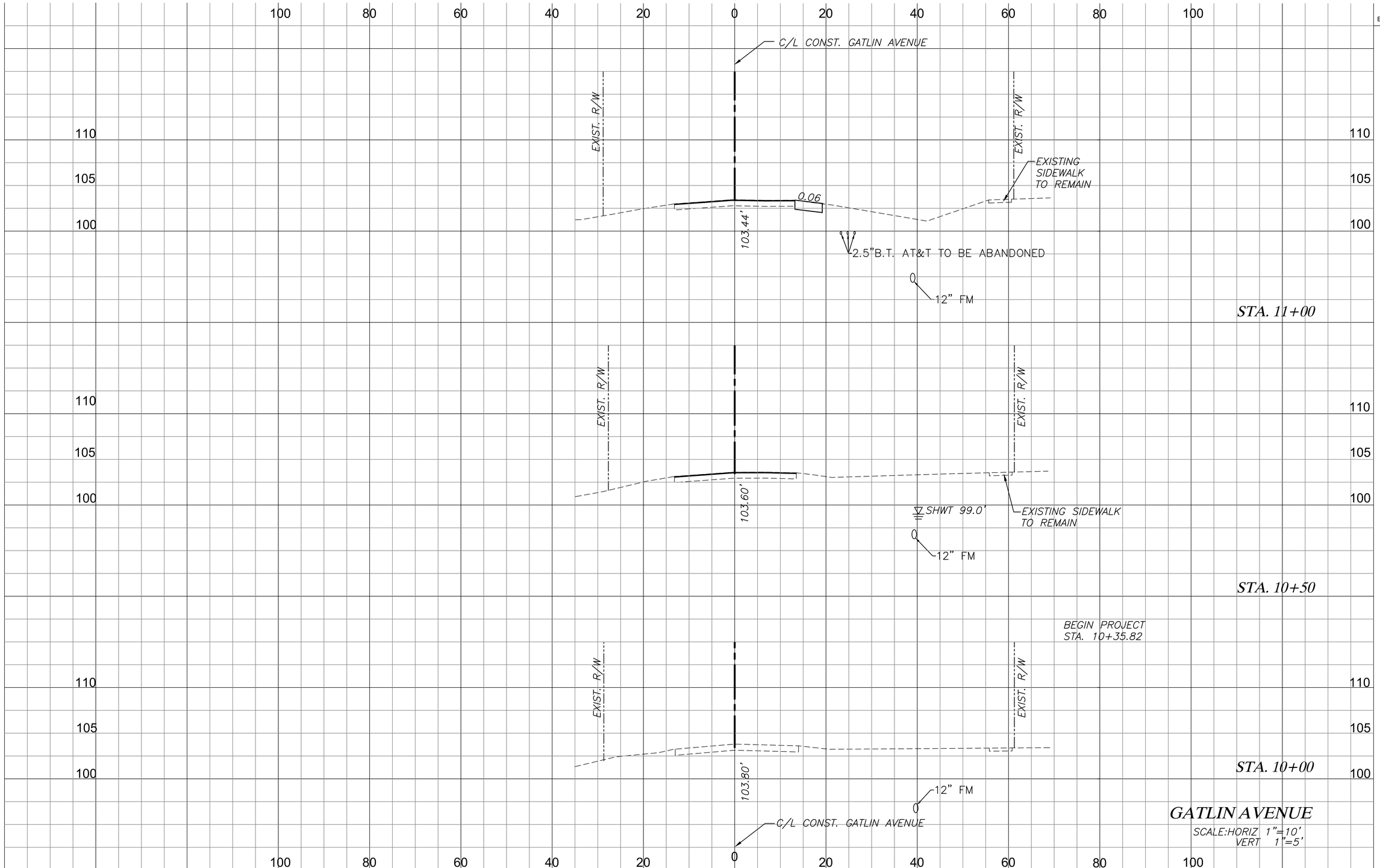
TH #18
TH #19
TH #20
TH



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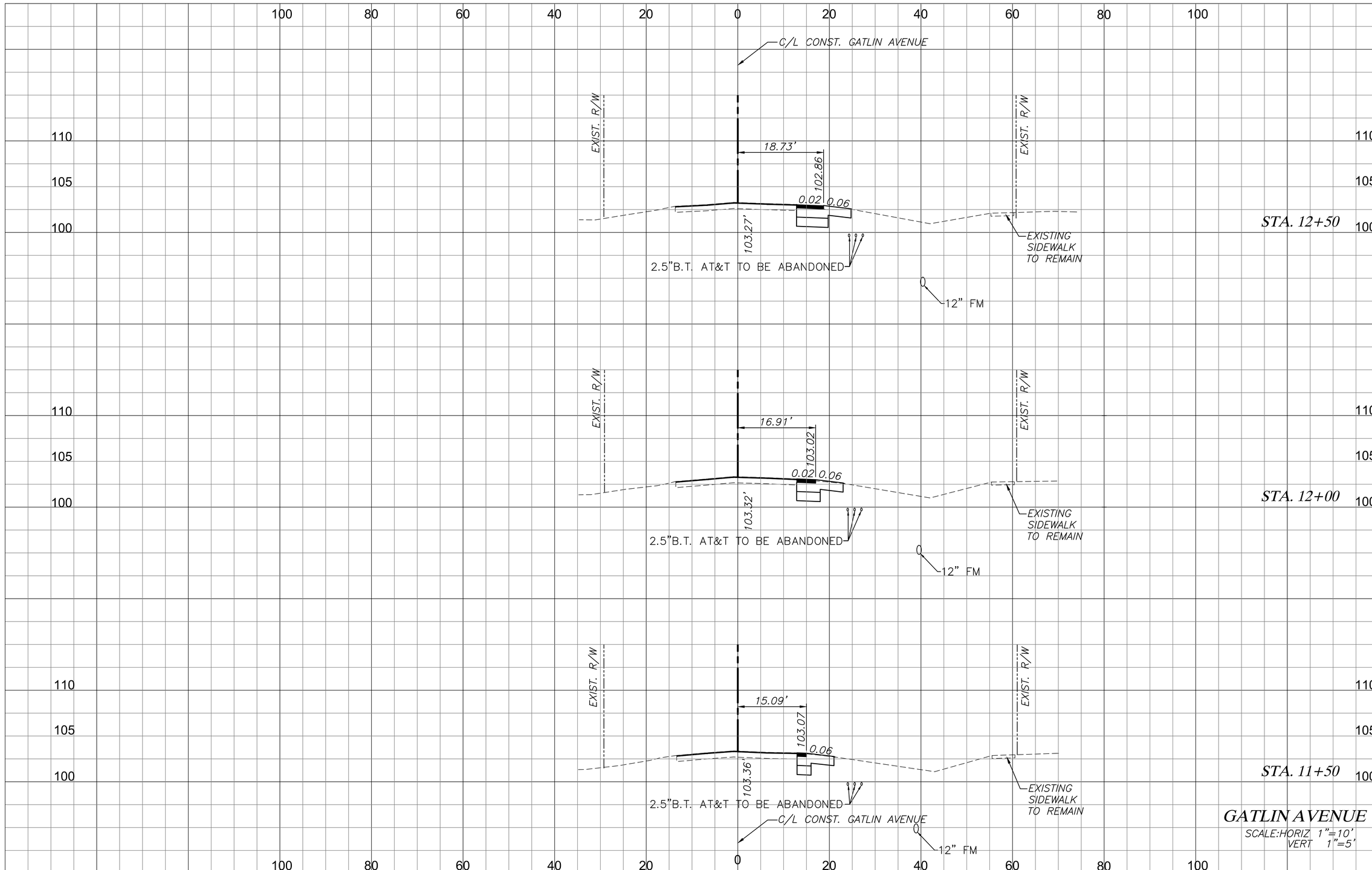
CROSS SECTIONS

SHEET NO. 21



	REGULAR EXCAVATION	EMBANKMENT
STA. 12+50	13	2
STA. 12+00	11	1
STA. 11+50	7	0
	22	3
	17	1
	9	0

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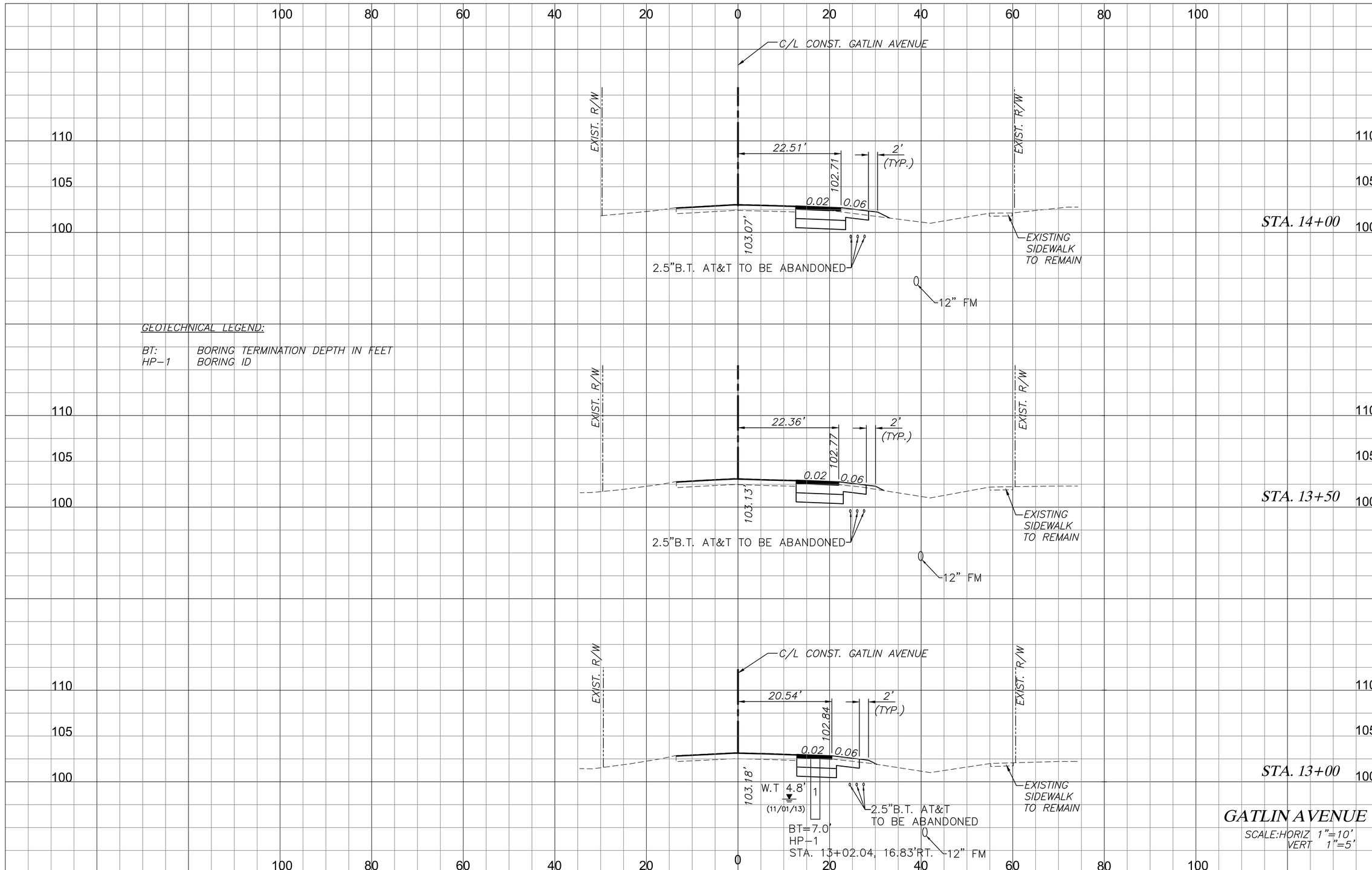
CROSS SECTIONS

SHEET NO. 22



	REGULAR EXCAVATION	EMBANKMENT
STA. 14+00	18	3
STA. 13+50	18	1
STA. 13+00	15	1
	33	4
	31	2
	26	3

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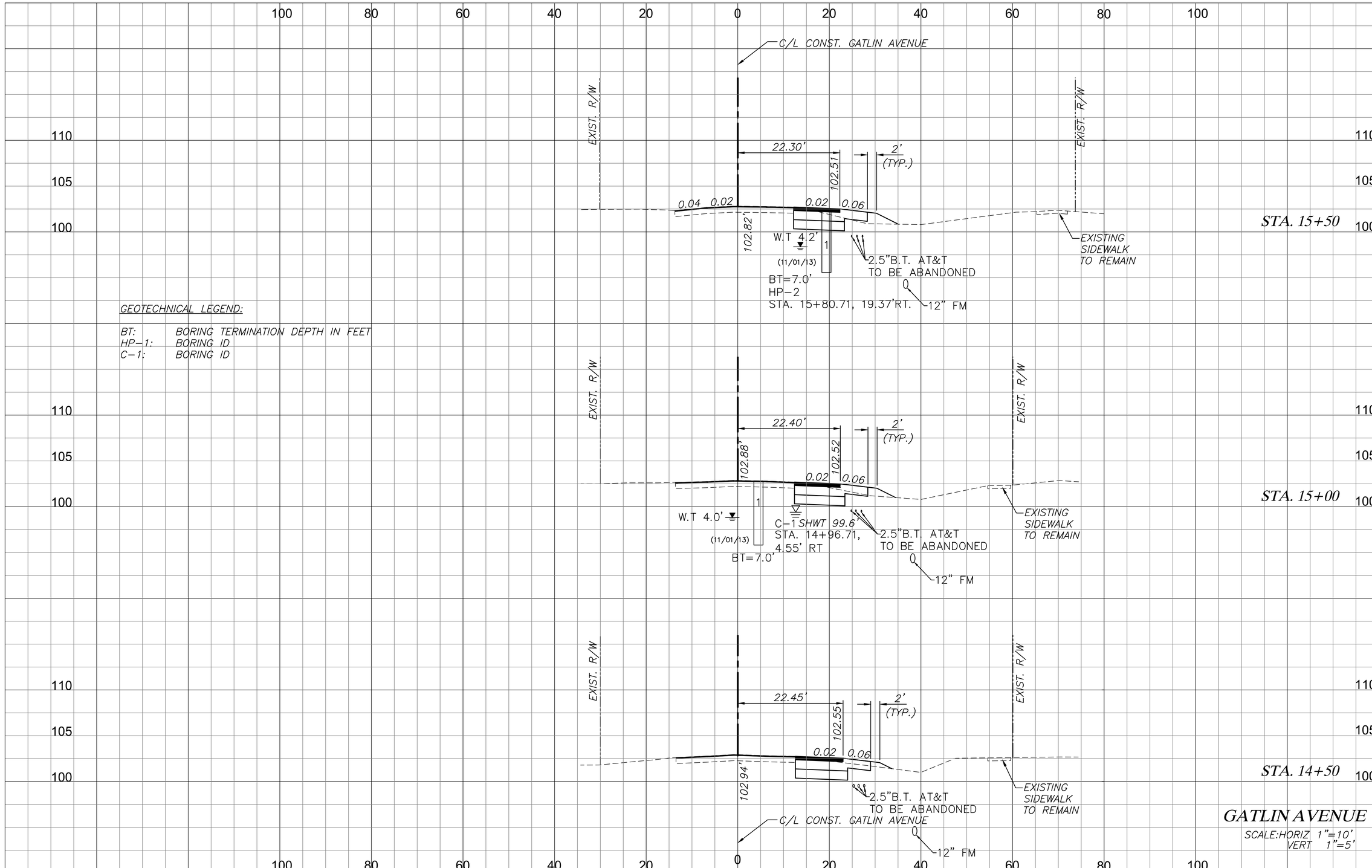
CROSS SECTIONS

SHEET NO. 23



GEOTECHNICAL LEGEND:

BT: BORING TERMINATION DEPTH IN FEET
HP-1: BORING ID
C-1: BORING ID

	REGULAR EXCAVATION	EMBANKMENT
STA. 15+50	14	10
STA. 15+00	29	13
STA. 14+50	17	4
	31	6
	17	2
	32	5

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CROSS SECTIONS

SHEET NO. 24