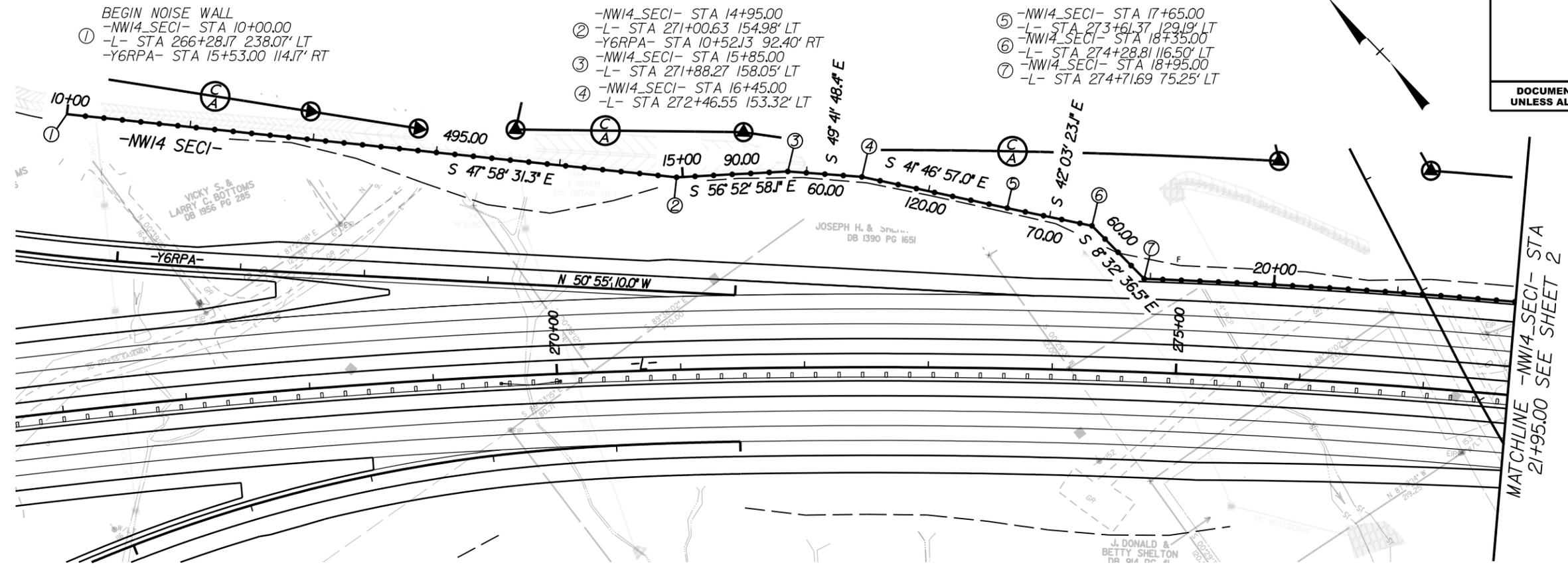
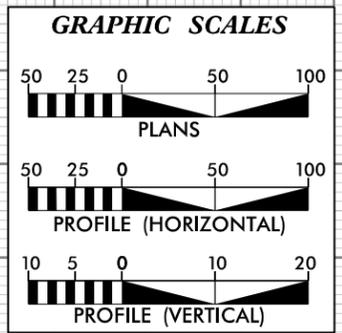
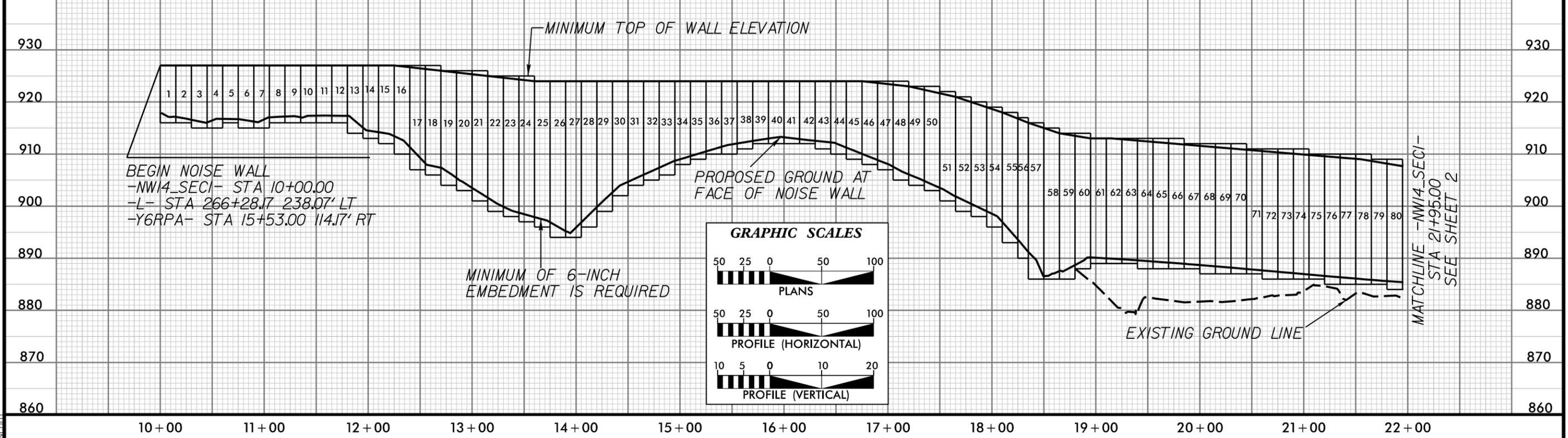


# PLAN AND PROFILE OF NOISE WALL 14 SEC1, 2, 3, 4



- ALL NOISE WALL PANELS SHALL FEATURE ABSORPTIVE MATERIAL (USE THIS NOTE AS APPLICABLE)  
 - TOP OF WALL ELEVATION SHALL NOT BE CHANGED WITHOUT PRIOR COORDINATION WITH THE NCDOT TRAFFIC NOISE AND AIR QUALITY GROUP

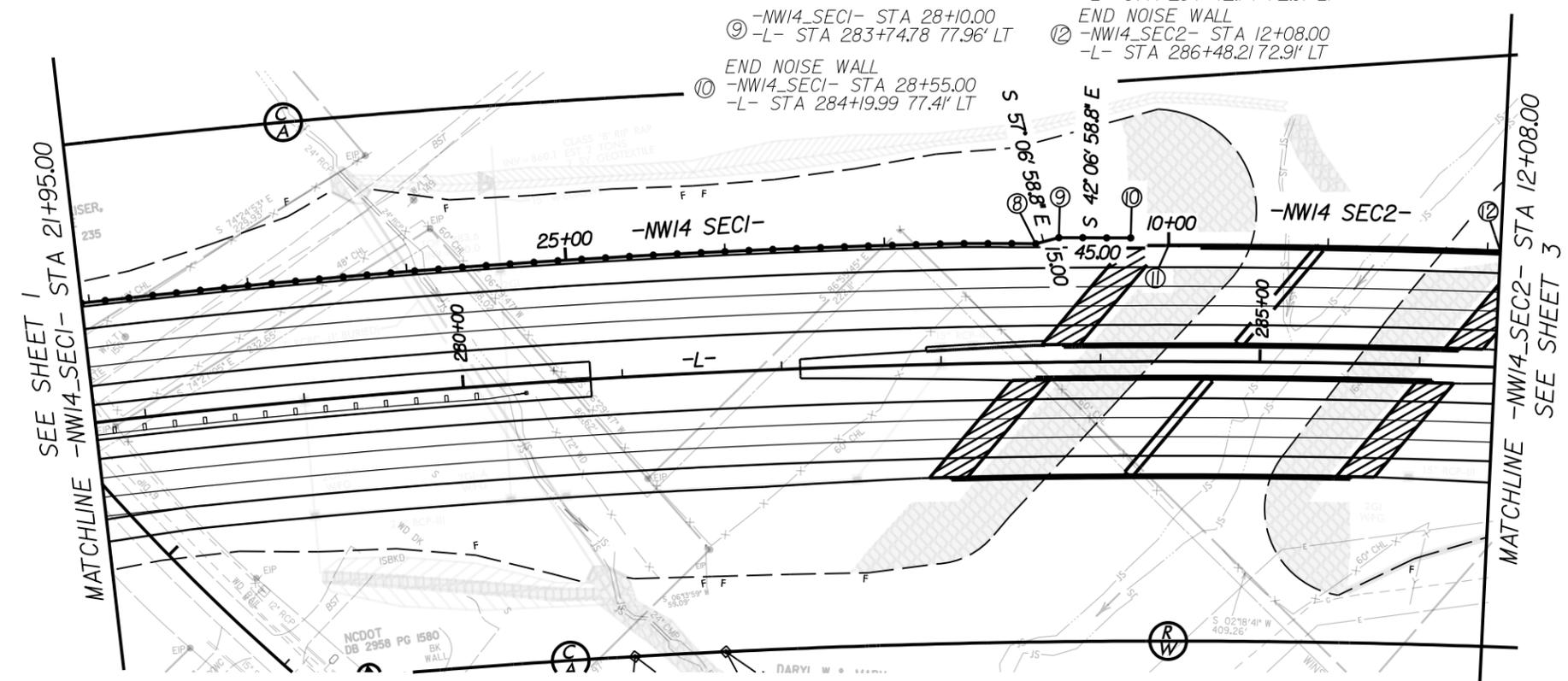
NW14 SEC1, 2, 3, 4 DESIGN DATA		1-18	19-21	22-24	25-48	49-50	51	52	53	54	55	56	57	58	59-60	61-66	67-70	71-74	75-78	79-80
NW14 SEC1	PANEL NUMBER	1-18	19-21	22-24	25-48	49-50	51	52	53	54	55	56	57	58	59-60	61-66	67-70	71-74	75-78	79-80
	TOP ELEVATION	927'	926'	925'	924'	923'	922'	921'	920'	919'	918'	917'	916'	915'	914'	913'	912'	911'	910'	909'
	LENGTH	270'	45'	45'	360'	30'	15'	15'	15'	15'	15'	10'	15'	15'	30'	90'	60'	60'	60'	30'



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# PLAN AND PROFILE OF NOISE WALL 14 SEC1, 2, 3, 4

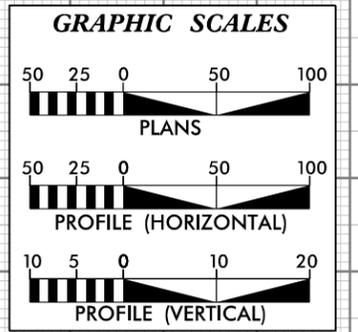
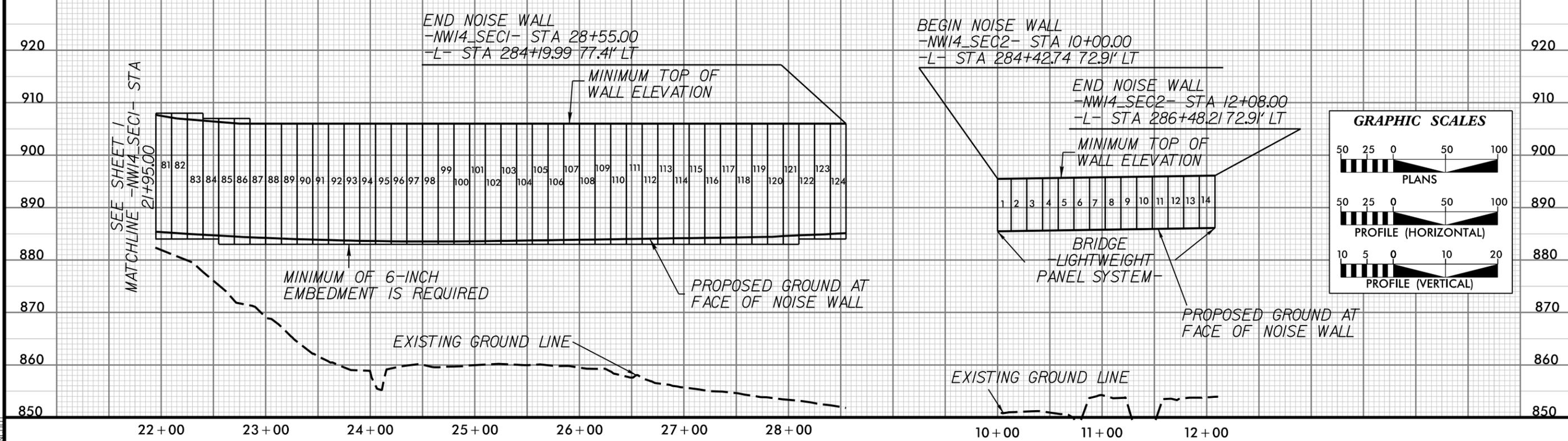
- ⑧ -NW14\_SEC1- STA 27+95.00  
-L- STA 283+60.41 74.33' LT
- ⑨ -NW14\_SEC1- STA 28+10.00  
-L- STA 283+74.78 77.96' LT
- ⑩ END NOISE WALL  
-NW14\_SEC1- STA 28+55.00  
-L- STA 284+19.99 77.41' LT
- ⑪ BEGIN NOISE WALL  
-NW14\_SEC2- STA 10+00.00  
-L- STA 284+42.74 72.91' LT
- ⑫ END NOISE WALL  
-NW14\_SEC2- STA 12+08.00  
-L- STA 286+48.21 72.91' LT



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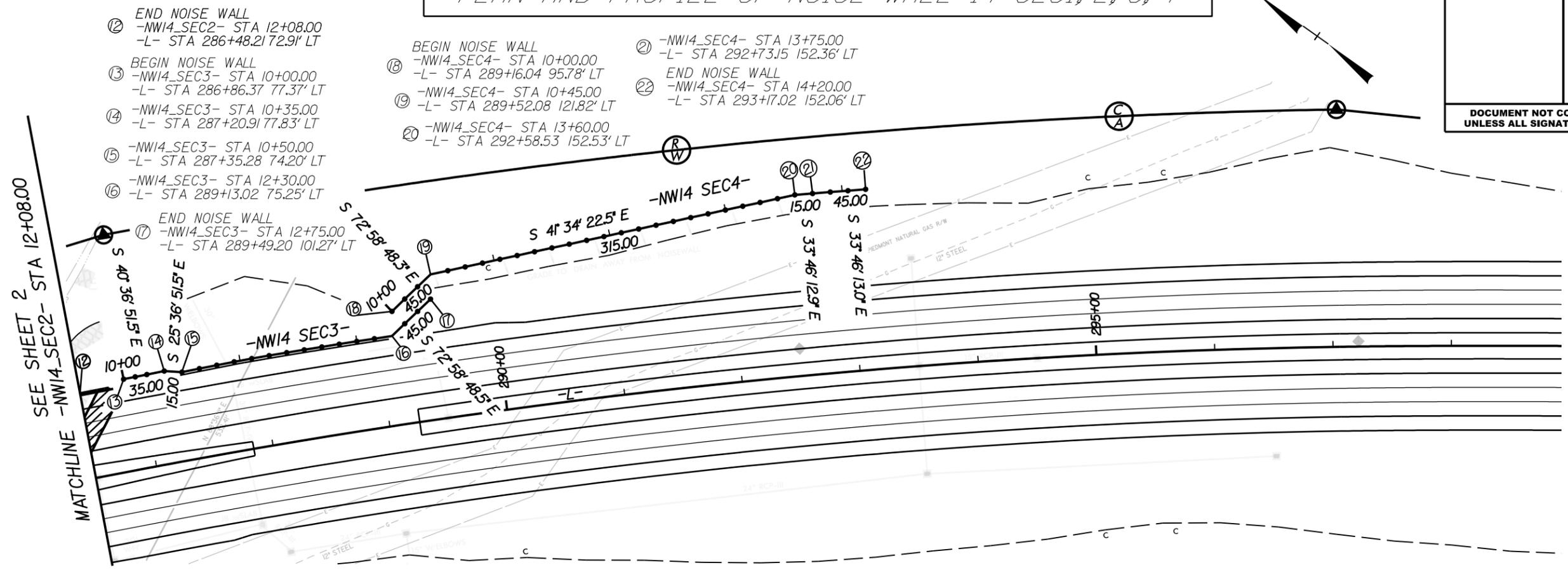
NW14 SEC1, 2, 3, 4 DESIGN DATA				
NW14 SEC1	PANEL NUMBER	81-83	84-86	87-124
	TOP ELEVATION	908'	907'	906'
	LENGTH	45'	45'	570'

NW14 SEC2														
PANEL NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14
TOP ELEVATION	895.5'	895.5'	895.6'	895.6'	895.7'	895.7'	895.8'	895.8'	895.9'	895.9'	895.9'	896.0'	896.0'	896.1'
LENGTH	13'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'



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 NCDOT

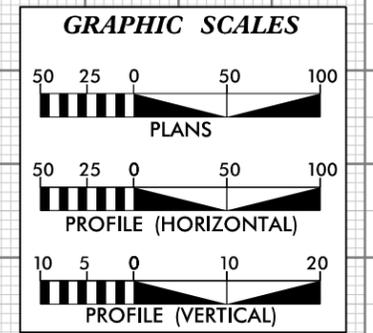
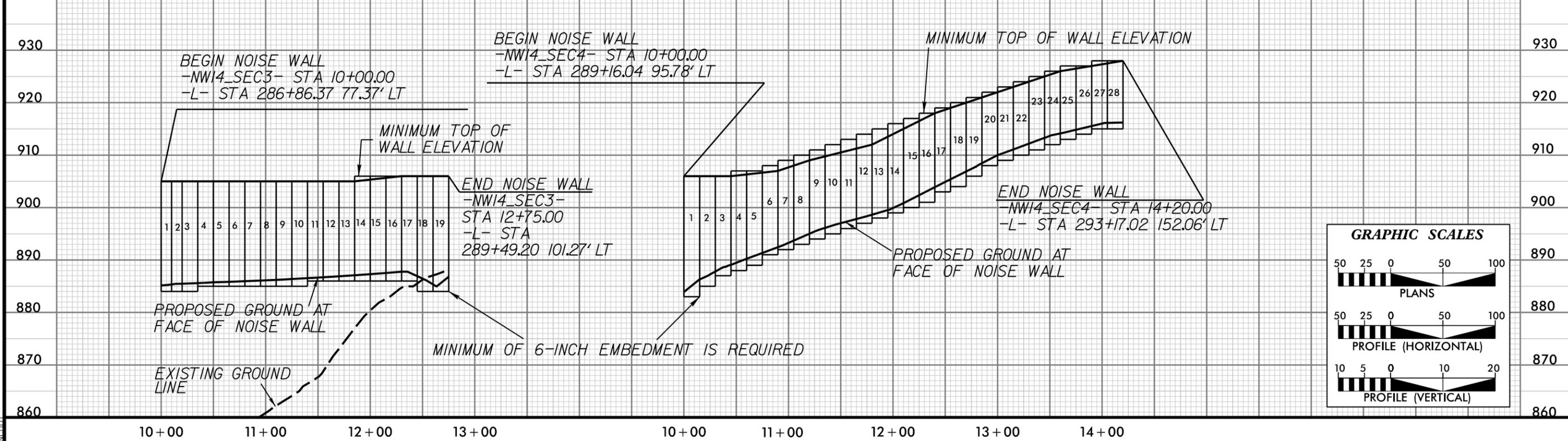
# PLAN AND PROFILE OF NOISE WALL 14 SEC1, 2, 3, 4



- ALL NOISE WALL PANELS SHALL FEATURE ABSORPTIVE MATERIAL (USE THIS NOTE AS APPLICABLE)
- TOP OF WALL ELEVATION SHALL NOT BE CHANGED WITHOUT PRIOR COORDINATION WITH THE NCDOT TRAFFIC NOISE AND AIR QUALITY GROUP

NW14 SEC3	PANEL NUMBER	1-2	3-13	14-19
TOP ELEVATION		905'	905'	906'
LENGTH		20'	165'	90'

NW14 SEC4	PANEL NUMBER	1-3	4-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25-26	27-28
TOP ELEVATION		906'	907'	908'	909'	910'	911'	912'	913'	914'	915'	916'	917'	918'	919'	920'	921'	922'	923'	924'	925'	926'	927'	928'
LENGTH		45'	30'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	30'	15'	15'	30'	30'



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**Total -NW14- SEC1+SEC2+SEC3+SEC4 Area (square feet): 53,560**

**Total -NW14- SEC1+SEC2+SEC3+SEC4 Length (feet): 2,758**

U-2579D -NW14- SEC1 Adjacent to Winston-Salem Northern Beltway, near Phelps Drive						
Panel No.	Ground Elevation (Start Post) in ft	Top Elevation (Entire Panel) in ft	Panel Height in ft	Station -NW14- SEC1	Length in ft	Area in sq ft
1	916	927	11	10+00.00	15	165
2	916	927	11	10+15.00	15	165
3	915	927	12	10+30.00	15	180
4	915	927	12	10+45.00	15	180
5	916	927	11	10+60.00	15	165
6	915	927	12	10+75.00	15	180
7	915	927	12	10+90.00	15	180
8	916	927	11	11+05.00	15	165
9	916	927	11	11+20.00	15	165
10	916	927	11	11+35.00	15	165
11	916	927	11	11+50.00	15	165
12	916	927	11	11+65.00	15	165
13	914	927	13	11+80.00	15	195
14	913	927	14	11+95.00	15	210
15	912	927	15	12+10.00	15	225
16	910	927	17	12+25.00	15	255
17	907	927	20	12+40.00	15	300
18	906	927	21	12+55.00	15	315
19	904	926	22	12+70.00	15	330
20	903	926	23	12+85.00	15	345
21	901	926	25	13+00.00	15	375
22	899	925	26	13+15.00	15	390
23	898	925	27	13+30.00	15	405
24	897	925	28	13+45.00	15	420
25	896	924	28	13+60.00	15	420
26	894	924	30	13+75.00	15	450
27	894	924	30	13+90.00	15	450
28	896	924	28	14+05.00	15	420
29	899	924	25	14+20.00	15	375
30	902	924	22	14+35.00	15	330
31	904	924	20	14+50.00	15	300
32	905	924	19	14+65.00	15	285
33	906	924	18	14+80.00	15	270
34	908	924	16	14+95.00	15	240
35	909	924	15	15+10.00	15	225
36	910	924	14	15+25.00	15	210
37	910	924	14	15+40.00	15	210
38	911	924	13	15+55.00	15	195
39	912	924	12	15+70.00	15	180
40	912	924	12	15+85.00	15	180
41	912	924	12	16+00.00	15	180
42	912	924	12	16+15.00	15	180
43	911	924	13	16+30.00	15	195
44	910	924	14	16+45.00	15	210
45	909	924	15	16+60.00	15	225

**U-2579D -NW14- SEC1 Adjacent to Winston-Salem Northern Beltway, near Phelps Drive**

<b>Panel No.</b>	<b>Ground Elevation (Start Post) in ft</b>	<b>Top Elevation (Entire Panel) in ft</b>	<b>Panel Height in ft</b>	<b>Station -NW14- SEC1</b>	<b>Length in ft</b>	<b>Area in sq ft</b>
46	908	924	16	16+75.00	15	240
47	907	924	17	16+90.00	15	255
48	905	924	19	17+05.00	15	285
49	904	923	19	17+20.00	15	285
50	903	923	20	17+35.00	15	300
51	901	922	21	17+50.00	15	315
52	899	921	22	17+65.00	15	330
53	898	920	22	17+80.00	15	330
54	896	919	23	17+95.00	15	345
55	893	918	25	18+10.00	15	375
56	890	917	27	18+25.00	10	270
57	886	916	30	18+35.00	15	450
58	886	915	29	18+50.00	15	435
59	886	914	28	18+65.00	15	420
60	888	914	26	18+80.00	15	390
61	889	913	24	18+95.00	15	360
62	889	913	24	19+10.00	15	360
63	889	913	24	19+25.00	15	360
64	888	913	25	19+40.00	15	375
65	888	913	25	19+55.00	15	375
66	888	913	25	19+70.00	15	375
67	888	912	24	19+85.00	15	360
68	887	912	25	20+00.00	15	375
69	887	912	25	20+15.00	15	375
70	887	912	25	20+30.00	15	375
71	887	911	24	20+45.00	15	360
72	886	911	25	20+60.00	15	375
73	886	911	25	20+75.00	15	375
74	886	911	25	20+90.00	15	375
75	886	910	24	21+05.00	15	360
76	885	910	25	21+20.00	15	375
77	885	910	25	21+35.00	15	375
78	885	910	25	21+50.00	15	375
79	885	909	24	21+65.00	15	360
80	884	909	25	21+80.00	15	375
81	884	908	24	21+95.00	15	360
82	884	908	24	22+10.00	15	360
83	884	908	24	22+25.00	15	360
84	884	907	23	22+40.00	15	345
85	883	907	24	22+55.00	15	360
86	883	907	24	22+70.00	15	360
87	883	906	23	22+85.00	15	345
88	883	906	23	23+00.00	15	345
89	883	906	23	23+15.00	15	345
90	883	906	23	23+30.00	15	345
91	883	906	23	23+45.00	15	345
92	883	906	23	23+60.00	15	345
93	883	906	23	23+75.00	15	345

**U-2579D -NW14- SEC1 Adjacent to Winston-Salem Northern Beltway, near Phelps Drive**

<b>Panel No.</b>	<b>Ground Elevation (Start Post) in ft</b>	<b>Top Elevation (Entire Panel) in ft</b>	<b>Panel Height in ft</b>	<b>Station -NW14- SEC1</b>	<b>Length in ft</b>	<b>Area in sq ft</b>
94	883	906	23	23+90.00	15	345
95	883	906	23	24+05.00	15	345
96	883	906	23	24+20.00	15	345
97	883	906	23	24+35.00	15	345
98	883	906	23	24+50.00	15	345
99	883	906	23	24+65.00	15	345
100	883	906	23	24+80.00	15	345
101	883	906	23	24+95.00	15	345
102	883	906	23	25+10.00	15	345
103	883	906	23	25+25.00	15	345
104	883	906	23	25+40.00	15	345
105	883	906	23	25+55.00	15	345
106	883	906	23	25+70.00	15	345
107	883	906	23	25+85.00	15	345
108	883	906	23	26+00.00	15	345
109	883	906	23	26+15.00	15	345
110	883	906	23	26+30.00	15	345
111	883	906	23	26+45.00	15	345
112	883	906	23	26+60.00	15	345
113	883	906	23	26+75.00	15	345
114	883	906	23	26+90.00	15	345
115	883	906	23	27+05.00	15	345
116	883	906	23	27+20.00	15	345
117	883	906	23	27+35.00	15	345
118	883	906	23	27+50.00	15	345
119	883	906	23	27+65.00	15	345
120	883	906	23	27+80.00	15	345
121	883	906	23	27+95.00	15	345
122	884	906	22	28+10.00	15	330
123	884	906	22	28+25.00	15	330
124	884	906	22	28+40.00	15	330
				28+55.00		
<b>-NW14- SEC1 TOTALS</b>					<b>1,855</b>	<b>39,165</b>

**U-2579D -NW14- SEC2 Adjacent to Winston-Salem Northern Beltway, near Phelps Drive (Bridge Mounted Wall)**

<b>Panel No.</b>	<b>Ground Elevation (Start Post) in ft</b>	<b>Top Elevation (Entire Panel) in ft</b>	<b>Panel Height in ft</b>	<b>Station -NW14- SEC2</b>	<b>Length in ft</b>	<b>Area in sq ft</b>
1	885.5	895.5	10	10+00.00	13	130
2	885.5	895.5	10	10+13.00	15	150
3	885.6	895.6	10	10+28.00	15	150
4	885.6	895.6	10	10+43.00	15	150
5	885.7	895.7	10	10+58.00	15	150
6	885.7	895.7	10	10+73.00	15	150
7	885.8	895.8	10	10+88.00	15	150
8	885.8	895.8	10	11+03.00	15	150
9	885.9	895.9	10	11+18.00	15	150
10	885.9	895.9	10	11+33.00	15	150
11	885.9	895.9	10	11+48.00	15	150
12	886.0	896.0	10	11+63.00	15	150
13	886.0	896.0	10	11+78.00	15	150
14	886.1	896.1	10	11+93.00	15	150
				12+08.00		
<b>-NW14- SEC2 TOTALS</b>					<b>208</b>	<b>2,080</b>

**U-2579D -NW14- SEC3 Adjacent to Winston-Salem Northern Beltway, near Phelps Drive**

<b>Panel No.</b>	<b>Ground Elevation (Start Post) in ft</b>	<b>Top Elevation (Entire Panel) in ft</b>	<b>Panel Height in ft</b>	<b>Station -NW14- SEC3</b>	<b>Length in ft</b>	<b>Area in sq ft</b>
1	884	905	21	10+00.00	10	210
2	884	905	21	10+10.00	10	210
3	884	905	21	10+20.00	15	315
4	885	905	20	10+35.00	15	300
5	885	905	20	10+50.00	15	300
6	885	905	20	10+65.00	15	300
7	885	905	20	10+80.00	15	300
8	885	905	20	10+95.00	15	300
9	885	905	20	11+10.00	15	300
10	885	905	20	11+25.00	15	300
11	886	905	19	11+40.00	15	285
12	886	905	19	11+55.00	15	285
13	886	905	19	11+70.00	15	285
14	886	906	20	11+85.00	15	300
15	886	906	20	12+00.00	15	300
16	886	906	20	12+15.00	15	300
17	886	906	20	12+30.00	15	300
18	887	906	19	12+45.00	15	285
19	887	906	19	12+60.00	15	285
				12+75.00		
<b>-NW14- SEC3 TOTALS</b>					<b>275</b>	<b>5,460</b>

**U-2579D -NW14- SEC4 Adjacent to Winston-Salem Northern Beltway, near Phelps Drive**

<b>Panel No.</b>	<b>Ground Elevation (Start Post) in ft</b>	<b>Top Elevation (Entire Panel) in ft</b>	<b>Panel Height in ft</b>	<b>Station -NW14- SEC4</b>	<b>Length in ft</b>	<b>Area in sq ft</b>
1	883	906	23	10+00.00	15	345
2	885	906	21	10+15.00	15	315
3	887	906	19	10+30.00	15	285
4	888	907	19	10+45.00	15	285
5	889	907	18	10+60.00	15	270
6	891	908	17	10+75.00	15	255
7	892	909	17	10+90.00	15	255
8	893	910	17	11+05.00	15	255
9	894	911	17	11+20.00	15	255
10	895	912	17	11+35.00	15	255
11	896	913	17	11+50.00	15	255
12	897	914	17	11+65.00	15	255
13	898	915	17	11+80.00	15	255
14	899	916	17	11+95.00	15	255
15	900	917	17	12+10.00	15	255
16	901	918	17	12+25.00	15	255
17	903	919	16	12+40.00	15	240
18	904	920	16	12+55.00	15	240
19	906	921	15	12+70.00	15	225
20	908	922	14	12+85.00	15	210
21	909	923	14	13+00.00	15	210
22	910	924	14	13+15.00	15	210
23	911	925	14	13+30.00	15	210
24	912	926	14	13+45.00	15	210
25	913	927	14	13+60.00	15	210
26	914	927	13	13+75.00	15	195
27	915	928	13	13+90.00	15	195
28	915	928	13	14+05.00	15	195
				14+20.00		
<b>-NW14- SEC4 TOTALS</b>					<b>420</b>	<b>6,855</b>