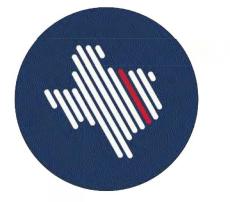
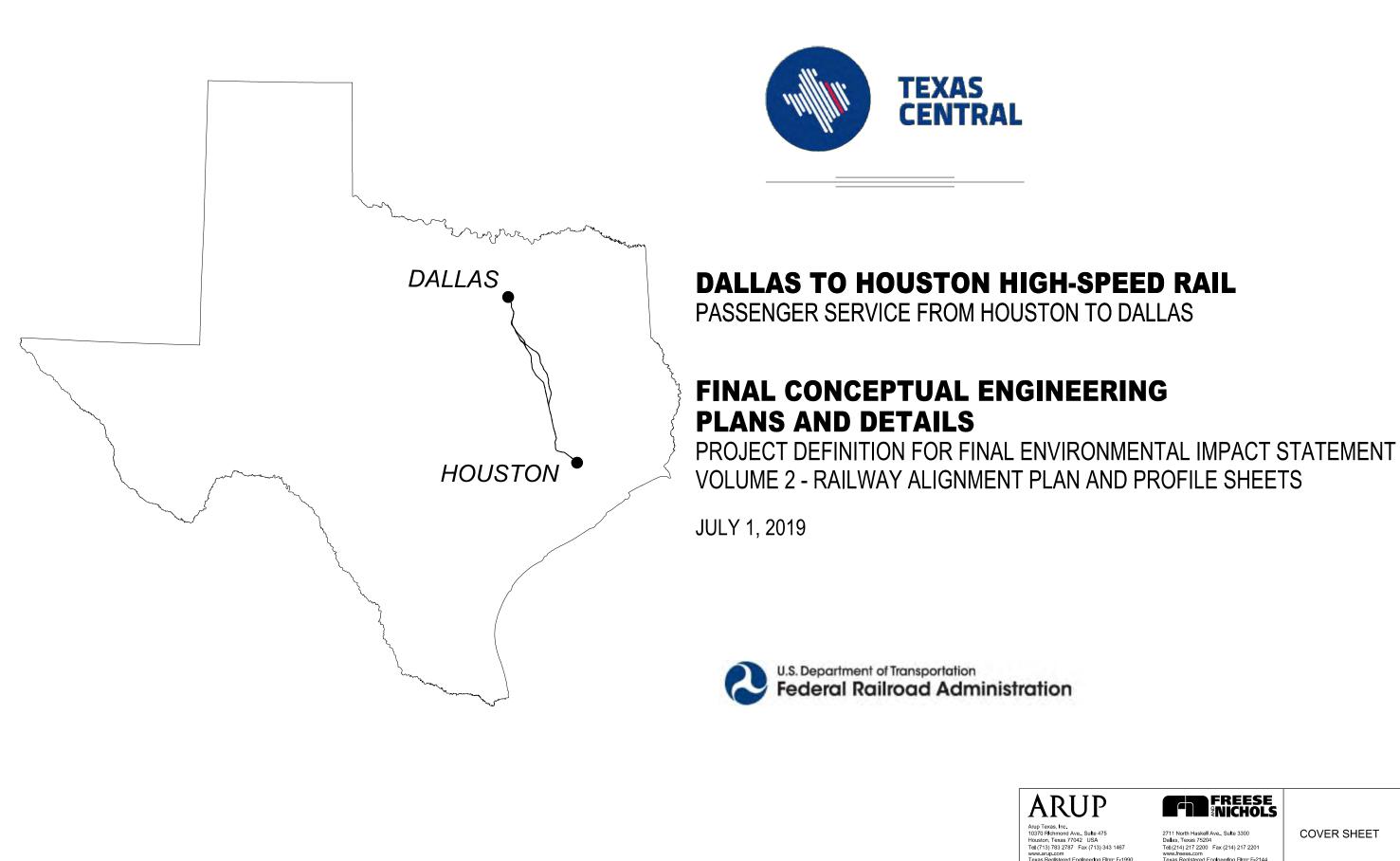
Dallas to Houston High-Speed Rail Final Environmental Impact Statement

Appendix G: Dallas to Houston High-Speed Rail Passenger Service from Houston to Dallas Final Conceptual Engineering Plans and Details Set 9 of 14



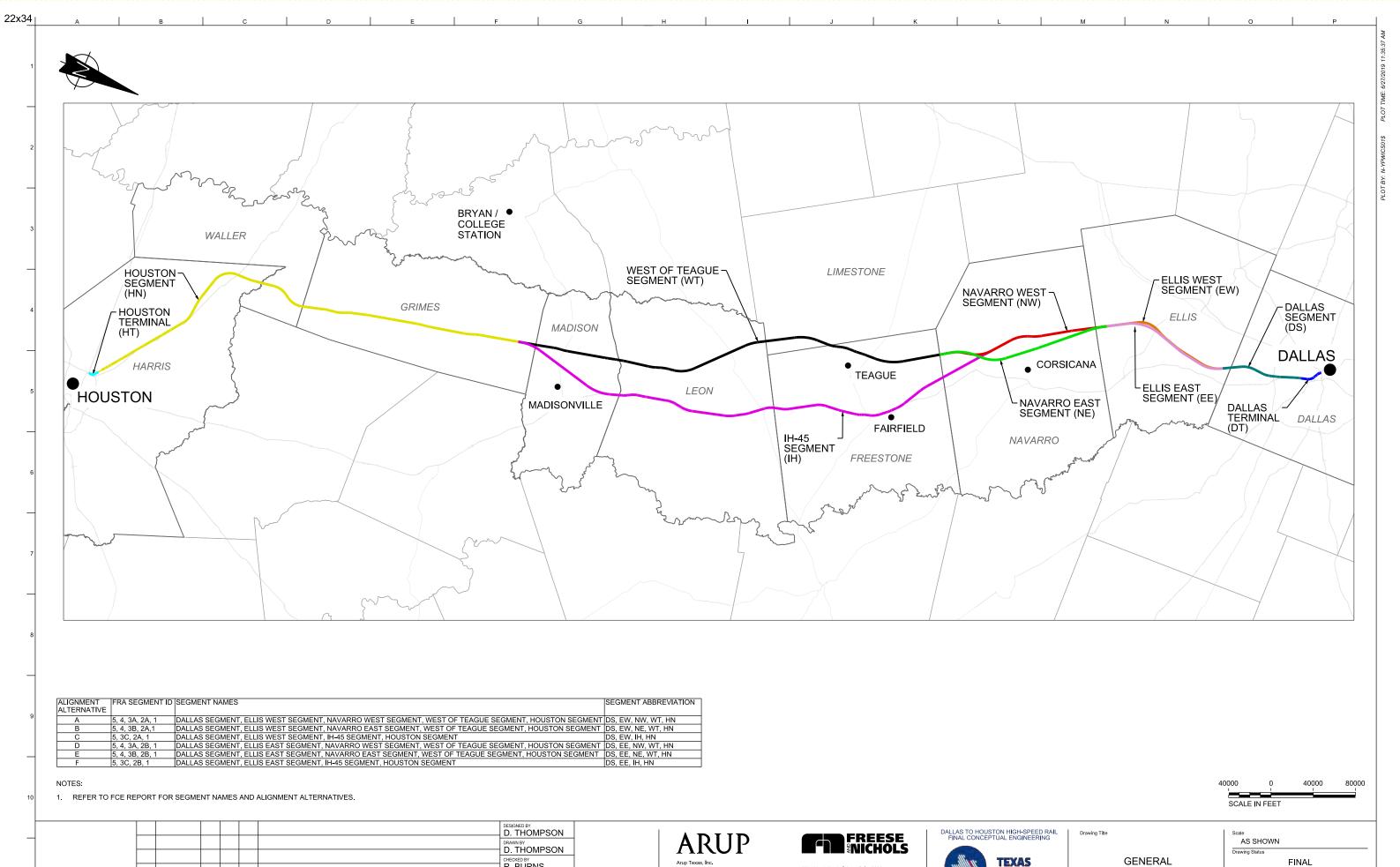




Arup Texas, Inc. 10370 Richmond Ave., Suite 475 Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467 www.arup.com Texas Registered Engineering Firm; F-199



2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com Texas Registered Engineering Firm: F-2144 COVER SHEET



	FRA SEGMENT ID	SEGMENT NAMES	SEGMENT ABBREVIATION
ALTERNATIVE			
A	5, 4, 3A, 2A, 1	DALLAS SEGMENT, ELLIS WEST SEGMENT, NAVARRO WEST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EW, NW, WT, HN
В	5, 4, 3B, 2A,1	DALLAS SEGMENT, ELLIS WEST SEGMENT, NAVARRO EAST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EW, NE, WT, HN
С	5, 3C, 2A, 1	DALLAS SEGMENT, ELLIS WEST SEGMENT, IH-45 SEGMENT, HOUSTON SEGMENT	DS, EW, IH, HN
D	5, 4, 3A, 2B, 1	DALLAS SEGMENT, ELLIS EAST SEGMENT, NAVARRO WEST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EE, NW, WT, HN
E	5, 4, 3B, 2B, 1	DALLAS SEGMENT, ELLIS EAST SEGMENT, NAVARRO EAST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EE, NE, WT, HN
F	5, 3C, 2B, 1	DALLAS SEGMENT, ELLIS EAST SEGMENT, IH-45 SEGMENT, HOUSTON SEGMENT	DS, EE, IH, HN

							DESIGNED BY			DALLAS TO HOUSTON HIGH-SPEED RAIL
							D. THOMPSON	ARUP		FINAL CONCEPTUAL ENGINEERING
							CHECKED BY			III TEVAS
							R. BURNS	Arup Texas, Inc. 10370 Richmond Ave., Sulte 475	2711 North Haskell Ave., Suite 3300	
							IN CHARGE C. TAYLOR	Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467 www.aruu.com	Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com	CENTRAL
	REV	DATE	BY	СНК	APP	DESCRIPTION	DATE 02/25/2019	Texas Registered Engineering Firm: F-1990	Texas Registered Engineering Firm: F-2144	1409 South Lamar Street, Sulte 1022, Dallas.Texas 752
\\N-YPWICS01\ICS Temp\44199\3121_87\234	180-AFN-	GEN-DWG-00-0000	2-V002.d	lgn						

Dallas.Texas	75215	

LOCATION PLAN

Job No

234180

Prawing No

GEN-00-00002 01

Arup Texas Inc.

VOLUME 1A - GENERAL SHEETS & TYPICAL SECTIONS	VOLUME 2A - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS	<u>VOLUME 2A - R</u>
DRAWING NO. DRAWING DESCRIPTIONS	DRAWING NO. DRAWING DESCRIPTIONS	DRAWING NO.
1A-1 GENERAL	2A-1 HOUSTON SEGMENT	2A-
COVER SHEET	CVL-HN-01101 HOUSTON SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 4 - HT1 10+00 TO HN1 1024+00	CVL-HN-01155 HC
GEN-00-00002 GENERAL - LOCATION PLAN	CVL-HN-01102 HOUSTON SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 4 - HN1 1024+00 TO HN1 2088+00	CVL-HN-01155-A HC
GEN-00-00003 GENERAL - INDEX SHEET 1 OF 5	CVL-HN-01103 HOUSTON SEGMENT - CIVIL - KEY MAP - SHEET 3 OF 4 - HN1 2088+00 TO HN2 814+00	CVL-HN-01155-B HC
GEN-00-00004 GENERAL - INDEX SHEET 2 OF 5	CVL-HN-01104 HOUSTON SEGMENT - CIVIL - KEY MAP - SHEET 4 OF 4 - HN2 814+00 TO HN2 2073+80	CVL-HN-01156 HO
GEN-00-00005 GENERAL - INDEX SHEET 3 OF 5	CVL-HN-01105 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 10+00 TO HT1 38+00	CVL-HN-01156-A HC
GEN-00-00006 GENERAL - INDEX SHEET 4 OF 5	CVL-HN-01106 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 38+00 TO HT1 60+00	CVL-HN-01157 HC
GEN-00-00007 GENERAL - INDEX SHEET 5 OF 5	CVL-HN-01107 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 60+00 TO HT1 88+00	CVL-HN-01157-A HC
GEN-00-00008 GENERAL - NOTES	CVL-HN-01108 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 88+00 TO HN1 16+00	CVL-HN-01158 HC
GEN-00-00009 GENERAL - ABBREVIATIONS AND LEGEND	CVL-HN-01107-2 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT2 10+00 TO HT2 34+00	RDY-HN-01158A HC
GEN-00-00010 GENERAL - RAIL ANNOTATION TO CLARIFY DESIGN INTENT	CVL-HN-01108-2 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT2 34+00 TO HN1 16+00	CVL-HN-01159 HC
1A-2 RAILWAY TYPICAL SECTIONS	CVL-HN-01107-3 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT3 10+00 TO HT3 33+00	CVL-HN-01159-A H
CVL-00-03001 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 1 OF 13	CVL-HN-01108-3 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT3 33+00 TO HN1 16+00	CVL-HN-01160 HC
CVL-00-03002 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 2 OF 13	CVL-HN-01109 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 16+00 TO HN1 44+00	CVL-HN-01161 HC
CVL-00-03003 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 3 OF 13	CVL-HN-01110 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 44+00 TO HN1 72+00	CVL-HN-01162 HC
CVL-00-03004 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 4 OF 13	CVL-HN-01111 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 72+00 TO HN1 100+00	CVL-HN-01162-A HC
CVL-00-03005 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 5 OF 13	CVL-HN-01112 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 100+00 TO HN1 128+00	CVL-HN-01163 HC
CVL-00-03006 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 6 OF 13	CVL-HN-01113 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 128+00 TO HN1 156+00	CVL-HN-01164 HC
CVL-00-03007 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 7 OF 13	CVL-HN-01114 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 156+00 TO HN1 184+00	CVL-HN-01165 HC
CVL-00-03008 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 8 OF 13	CVL-HN-01115 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 184+00 TO HN1 212+00	CVL-HN-01166 HC
CVL-00-03009 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 9 OF 13	CVL-HN-01116 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 212+00 TO HN1 240+00	CVL-HN-01167 HC
CVL-00-03010 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 10 OF 13	CVL-HN-01117 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 240+00 TO HN1 268+00	CVL-HN-01168 HC
CVL-00-03011 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 11 OF 13	CVL-HN-01118 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 268+00 TO HN1 296+00	CVL-HN-01169 HC
CVL-00-03012 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 12 OF 13	CVL-HN-01119 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 296+00 TO HN1 324+00	CVL-HN-01170 HC
CVL-00-03013 GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 13 OF 13	CVL-HN-01119-A HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01171 HC
1A 2 DOADWAY AND COADE SEDADATION TYPICAL SECTIONS		

	CVL-00-03010	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 10 OF 13
	CVL-00-03011	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 11 OF 13
		GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 12 OF 13
4	CVL-00-03013	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 13 OF 13
7		1A-3 ROADWAY AND GRADE SEPARATION TYPICAL SECTIONS
	CVL-00-03030	GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 1 OF 4
	CVL-00-03031	GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 2 OF 4
	CVL-00-03032	GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 3 OF 4
	CVL-00-03033	GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 3 OF 4
	CVL-00-03034	GENERAL - CIVIL HIGHWAY - ROAD OVER RAIL GRADE SEPARATION
		1A-4 CIVIL STRUCTURES TYPICAL DETAILS
5	CST-00-03003	GENERAL - CIVIL STRUCTURES - STRUCTURAL VIADUCT-TYPICAL DETAIL
-		GENERAL - CIVIL STRUCTURES - STRADDLE BENT- SHEET 1 OF 2
	CST-00-03008	GENERAL - CIVIL STRUCTURES - STRADDLE BENT- SHEET 2 OF 2
	CST-00-03017	GENERAL - CIVIL STRUCTURES - RETAINED FILL - TYPICAL DETAIL
_		GENERAL - CIVIL STRUCTURES - RETAINED CUT - TYPICAL DETAIL
	CST-00-03020	GENERAL - CIVIL STRUCTURES - CULVERT AND ANIMAL CROSSING- SHEET 1 OF 2
		GENERAL - CIVIL STRUCTURES - CULVERT AND ANIMAL CROSSING- SHEET 2 OF 2
		GENERAL - CIVIL STRUCTURES - CULVERT TYPICAL DETAIL - SHEET 1 OF 2
6		GENERAL - CIVIL STRUCTURES - CULVERT TYPICAL DETAIL - SHEET 2 OF 2
		GENERAL - CIVIL STRUCTURES - WILDLIFE CROSSINGS FENCE DETAILS
		GENERAL - CIVIL STRUCTURES - SLAB BRIDGE TYPICAL DETAIL
		GENERAL - CIVIL STRUCTURES - HONEY SPRING CEMETERY - NETWORK TIED ARCH
_		GENERAL - CIVIL STRUCTURES - NETWORK TIED ARCH - ELEVATION
		GENERAL - CIVIL STRUCTURES - NETWORK TIED ARCH - SECTION
		GENERAL - CIVIL STRUCTURES - NETWORK TIED ARCH - DETAILS
		1A-5 CIVIL UTILITIES TYPICAL DETAILS
7		GENERAL - CIVIL UTILITIES - TYPICAL CROSSING DETAIL - SHEET 1 OF 1
		1A-6 GENERAL - ALIGNMENT CURVE DATA TABLES
	GEN-00-04001	GENERAL - ALIGNMENT AND CURVE DATA SHEET 1 OF 2
		GENERAL - ALIGNMENT AND CURVE DATA SHEET 2 OF 2
-	<u>VOLUME 1B</u>	- GENERAL SHEETS & TYPICAL SECTIONS
	DRAWING NO.	DRAWING DESCRIPTIONS
	GEN-00-00011	GENERAL - ROADWAY ANNOTATION TO CLARIFY DESIGN INTENT
8		1B-1 RAILWAY TYPICAL SECTIONS
Ĩ	CVL-00-03001B	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 1 OF 11
	CVL-00-03002B	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 2 OF 11
	CVL-00-03003B	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 3 OF 11
_	CVL-00-03004B	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 4 OF 11
	CVL-00-03005B	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 5 OF 11
		GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 6 OF 11
		GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 7 OF 11

CVL-00-03007B GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 7 OF 11

CVL-00-03008B GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 8 OF 11 CVL-00-03009B GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 9 OF 11

CVL-00-03010B GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 10 OF 11

CVL-00-03011B GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 11 OF 11

CVL-00-03033B GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS - SHEET 1 OF 2

CVL-00-03034B GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS - SHEET 2 OF 2

1B-2 ROADWAY AND GRADE SEPARATION TYPICAL SECTIONS

	HOUSTON SEGMENT - CIVIL - KEY MAP - SHEET 4 OF 4 - HN2 814+00 TO HN2 2073+80	CVL-HN-01156
CVL-HN-01105	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 10+00 TO HT1 38+00	CVL-HN-01156-A
CVL-HN-01106	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 38+00 TO HT1 60+00	CVL-HN-01157
CVL-HN-01107	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 60+00 TO HT1 88+00	CVL-HN-01157-A
CVI-HN-01108	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 88+00 TO HN1 16+00	CVL-HN-01158
<u>~VI_HN_01107_2</u>	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT2 10+00 TO HT2 34+00	RDY-HN-01158A
VL-IIN-01107-2	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT2 24-00 TO H12 34-00	CVL-HN-01159
VL-HN-01108-2	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT2 34+00 TO HN1 16+00	
_VL-HN-01107-3	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT3 10+00 TO HT3 33+00	CVL-HN-01159-A
_VL-HN-01108-3	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT3 33+00 TO HN1 16+00	CVL-HN-01160
CVL-HN-01109	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 16+00 TO HN1 44+00	CVL-HN-01161
CVL-HN-01110	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 44+00 TO HN1 72+00	CVL-HN-01162
CVL-HN-01111	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 72+00 TO HN1 100+00	CVL-HN-01162-A
CVL-HN-01112	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 100+00 TO HN1 128+00	CVL-HN-01163
CVL-HN-01113	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 128+00 TO HN1 156+00	CVL-HN-01164
CVI-HN-01114	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 126+00 TO HN1 184+00	CVL-HN-01165
CVL-HN-01115	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 150+00 TO HN1 104+00	CVL-HN-01166
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 184400 TO HN1 212400 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 212400 TO HN1 240400	
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HNI 212+00 TO HNI 240+00	
CVL-HN-01117	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 240+00 TO HN1 268+00	CVL-HN-01168
CVL-HN-01118	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 268+00 TO HN1 296+00	CVL-HN-01169
CVL-HN-01119	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 296+00 TO HN1 324+00	CVL-HN-01170
<u>CVL-HN-01119-A</u>	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01171
CVL-HN-01120	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 324+00 TO HN1 352+00	CVL-HN-01172
CVL-HN-01121	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 352+00 TO HN1 380+00	CVL-HN-01173
CVL-HN-01122	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 380+00 TO HN1 408+00	CVL-HN-01174
CVL-HN-01123	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 408+00 TO HN1 436+00	CVL-HN-01175
CVL-HN-01124	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 436+00 TO HN1 464+00	CVL-HN-01175-A
CVI-HN-01124-4	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01176
	HOUSTON SEGMENT - CIVIL - PLAN HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 464+00 TO HN1 492+00	CVL-HN-01170
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 404+00 TO HN1 492+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 492+00 TO HN1 520+00	CVL-HN-01177-A
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 492+00 TO HN1 520+00	
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 520+00 TO HN1 548+00	CVL-HN-01178
CVL-HN-01128	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 548+00 TO HN1 576+00	CVL-HN-01179
CVL-HN-01129	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 576+00 TO HN1 604+00	CVL-HN-01180
CVL-HN-01130	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 604+00 TO HN1 632+00	CVL-HN-01181
CVL-HN-01131	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 632+00 TO HN1 660+00	CVL-HN-01182
CVL-HN-01131-A	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01183
	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01184
CVL-HN-01132	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 660+00 TO HN1 688+00	RDY-HN-01184A
CVL-HN-01132-A	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01185
CVL-HN-01133	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 688+00 TO HN1 716+00	CVL-HN-01186
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 716+00 TO HN1 744+00	CVL-HN-01187
CVL-HN-01135	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 744+00 TO HN1 772+00	CVL-HN-01188
CVI-HN-01136	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 744400 TO HN1 772400 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 772400 TO HN1 800400	RDY-HN-01188A
	HOUSTON SEGMENT - CIVIL - PLAN	
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 800+00 TO HN1 828+00	
CVL-HN-01138	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 828+00 TO HN1 856+00	CVL-HN-01191
CVL-HN-01139	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 856+00 TO HN1 884+00	CVL-HN-01192
CVL-HN-01140	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 884+00 TO HN1 912+00	CVL-HN-01192-B
CVL-HN-01141	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 912+00 TO HN1 940+00	CVL-HN-01193
CVL-HN-01142	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 940+00 TO HN1 968+00	RDY-HN-01193A
CVL-HN-01143	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 968+00 TO HN1 996+00	CVL-HN-01194
CVL-HN-01143-A	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01195
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 996+00 TO HN1 1024+00	CVL-HN-01196
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 350100 TO HN1 1024100	CVL-HN-01197
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1024+00 TO HN1 1080+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1080+00 TO HN1 1136+00	RDY-HN-01197A
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1080+00 TO HN1 1136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1136+00 TO HN1 1192+00	
	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01199
	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01200
CVL-HN-01148	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1192+00 TO HN1 1248+00	CVL-HN-01201
CVL-HN-01149	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1248+00 TO HN1 1304+00	CVL-HN-01202
	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01203
CVL-HN-01150	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1304+00 TO HN1 1360+00	CVL-HN-01203-A
CVL-HN-01151	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1360+00 TO HN1 1416+00	CVL-HN-01204
CVL-HN-01152	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1416+00 TO HN1 1472+00	CVL-HN-01205
	HOUSTON SEGMENT - CIVIL - PLAN	CVL-HN-01206
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1472+00 TO HN1 1528+00	
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1528+00 TO HN1 1584+00	
CVL-HN-01154	HOUSTON SEGMENT - CIVIL - PLAN	CVL-WT-01251

D. THOMPSON DALLAS TO HOUSTON HIGH-SPEED RAI FINAL CONCEPTUAL ENGINEERING FREESE NICHOLS ARUP D. THOMPSON Arup Texas, Inc. 10370 Richmond Ave., Sulle 475 Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467 www.arup.com Texas Registered Engineering Firm: F-1990 TEXAS R. BURNS 2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com Texas Registered Engineering Firm: F-2144 CENTRAL C. TAYLOR 1409 South Lamar Street, Sulte 1022, Dallas Texas 75215 02/25/2019 ву снк DESCRIPTION REV DATE APP

		N O P
		DRAWING DESCRIPTIONS
1 HOUSTON	SEGMENT	
		- PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00
<u>USTON SEGN</u> USTON SEGN		
		- PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00
USTON SEGN		
		- PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00
USTON SEGN		- PLAN - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00
		HIGHWAY - PLAN - WALLER SPRING CREEK RD
		- PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00
USTON SEGN		- PLAN - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00
		- PLAN AND PROFILE - HN1 1804+00 TO HN1 1920+00
		- PLAN AND PROFILE - HN1 1976+00 TO HN1 2032+00
JSTON SEGN		
		- PLAN AND PROFILE - HN1 2032+00 TO HN1 2088+00 - PLAN AND PROFILE - HN1 2088+00 TO HN1 2144+00
		- PLAN AND PROFILE - HN1 2088+00 TO HN1 2144+00
		- PLAN AND PROFILE - HN1 2200+00 TO HN1 2256+00
		- PLAN AND PROFILE - HN1 2256+00 TO HN1 2312+00
		- PLAN AND PROFILE - HN1 2312+00 TO HN1 2368+00
		- PLAN AND PROFILE - HN1 2368+00 TO HN2 30+00 - PLAN AND PROFILE - HN2 30+00 TO HN2 86+00
		- PLAN AND PROFILE - HN2 86+00 TO HN2 142+00
JSTON SEGN	1ENT - CIVIL	- PLAN AND PROFILE - HN2 142+00 TO HN2 198+00
		- PLAN AND PROFILE - HN2 198+00 TO HN2 254+00
		- PLAN AND PROFILE - HN2 254+00 TO HN2 310+00 - PLAN AND PROFILE - HN2 310+00 TO HN2 366+00
JSTON SEGN		
		- PLAN AND PROFILE - HN2 366+00 TO HN2 422+00
		- PLAN AND PROFILE - HN2 422+00 TO HN2 478+00
JSTON SEGN		- PLAN - PLAN AND PROFILE - HN2 478+00 TO HN2 534+00
		- PLAN AND PROFILE - HN2 534+00 TO HN2 590+00
		- PLAN AND PROFILE - HN2 590+00 TO HN2 646+00
		- PLAN AND PROFILE - HN2 646+00 TO HN2 702+00
		- PLAN AND PROFILE - HN2 702+00 TO HN2 758+00 - PLAN AND PROFILE - HN2 758+00 TO HN2 814+00
		- PLAN AND PROFILE - HN2 814+00 TO HN2 870+00
		HIGHWAY - PLAN - FM 1774
		- PLAN AND PROFILE - HN2 870+00 TO HN2 926+00
		- PLAN AND PROFILE - HN2 926+00 TO HN2 982+00 - PLAN AND PROFILE - HN2 982+00 TO HN2 1038+00
		- PLAN AND PROFILE - HN2 1038+00 TO HN2 1094+00
		HIGHWAY - PLAN - FM 149
		- PLAN AND PROFILE - HN2 1094+00 TO HN2 1150+00
		- PLAN AND PROFILE - HN2 1150+00 TO HN2 1206+00 - PLAN AND PROFILE - HN2 1206+00 TO HN2 1262+00
		- PLAN AND PROFILE - HN2 1262+00 TO HN2 1318+00
JSTON SEGN		
		- PLAN AND PROFILE - HN2 1318+00 TO HN2 1374+00
		HIGHWAY - PLAN - CR 226 - PLAN AND PROFILE - HN2 1374+00 TO HN2 1430+00
		- PLAN AND PROFILE - HN2 1430+00 TO HN2 1486+00
JSTON SEGN	1ENT - CIVIL	- PLAN AND PROFILE - HN2 1486+00 TO HN2 1542+00
		- PLAN AND PROFILE - HN2 1542+00 TO HN2 1598+00
		HIGHWAY - PLAN - HN2 1558+00 TO HN2 1614+00 - PLAN AND PROFILE - HN2 1598+00 TO HN2 1654+00
		- PLAN AND PROFILE - HN2 1654+00 TO HN2 1710+00
JSTON SEGN	1ENT - CIVIL	- PLAN AND PROFILE - HN2 1710+00 TO HN2 1766+00
		- PLAN AND PROFILE - HN2 1766+00 TO HN2 1822+00
		- PLAN AND PROFILE - HN2 1822+00 TO HN2 1878+00 - PLAN AND PROFILE - HN2 1878+00 TO HN2 1934+00
JSTON SEGN		
		- PLAN AND PROFILE - HN2 1934+00 TO HN2 1990+00
		- PLAN AND PROFILE - HN2 1990+00 TO HN2 2046+00
		- PLAN AND PROFILE - HN2 2046+00 TO HN2 2073+80
2 WEST OF 1 St of teagu		- CIVIL - KEY MAP - SHEET 1 OF 4 - WT 10+00 TO WT 1130+00
		- CIVIL - KEY MAP - SHEET 2 OF 4 - WT 1130+00 TO WT 2250+00
		- CIVIL - KEY MAP - SHEET 3 OF 4 - WT 2250+00 TO WT 3370+00
H-SPEED RAIL	Drawing Title	Scale
GINEERING		NO SCALE

MP

GENERAL INDEX SHEET 1 OF 5

NO SCAL
Drawing Status
Job No
234180

FINAL rawing No

GEN-00-00003 01

VOLUME 2A - RAILWAY ALIGNMENT PLAN AND PROFILE SUCCES

. . .

AWING NO.	DRAWING DESCRIPTIONS	DRAWING NO. DRAWING DESCRIPTIONS
	2A-2 WEST OF TEAGUE SEGMENT	2A-2 WEST OF TEAGUE SEGMENT
	WEST OF TEAGUE SEGMENT - CIVIL - KEY MAP - SHEET 4 OF 4 - WT 3370+00 TO WT 4118+87	CVL-WT-01314-A WEST OF TEAGUE SEGMENT - CIVIL - PLAN
'L-WT-01254	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 10+00 TO WT 66+00	CVL-WT-01315 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3426+00 TO WT 3482+00
L-WT-01255	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 66+00 TO WT 122+00	CVL-WT-01315-A WEST OF TEAGUE SEGMENT - CIVIL - PLAN
L-WT-01256	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 122+00 TO WT 178+00	CVL-WT-01316 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3482+00 TO WT 3538+00
WT-01257	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 178+00 TO WT 234+00	CVL-WT-01317 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3538+00 TO WT 3594+00
L-WT-01258	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 234+00 TO WT 290+00	CVL-WT-01318 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3594+00 TO WT 3650+00
WT-01259	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 290+00 TO WT 346+00	CVL-WT-01319 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3650+00 TO WT 3706+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 200100 TO WT 402+00	CVL-WT-01320 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3706+00 TO WT 3762+00
-WT-01261	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 540100 TO WT 402100	CVL-WT-01321 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3762+00 TO WT 3762+00 CVL-WT-01321 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3762+00 TO WT 3818+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN	CVL-WT-01322 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3702+00 TO WT 3810+00 CVL-WT-01322 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3818+00 TO WT 3874+00
-WT-01201 A	WEST OF TEAGUE SEGMENT - CIVIL - PLAN WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 458+00 TO WT 514+00	RDY-WT-01322A WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN - FM 1566
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 436+00 TO WT 514+00	CVL-WT-01322 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3874+00 TO WT 3930+00
		CVL-W1-01323 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - W1 38/4+00 TO W1 3930+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 570+00 TO WT 626+00	CVL-WT-01324 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3930+00 TO WT 3986+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 626+00 TO WT 682+00	CVL-WT-01325 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3986+00 TO WT 4042+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 682+00 TO WT 738+00	RDY-WT-01325A WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN - CR 995
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 738+00 TO WT 794+00	CVL-WT-01326 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 4042+00 TO WT 4098+00
VT-01267-A	WEST OF TEAGUE SEGMENT - CIVIL - PLAN	CVL-WT-01326-A WEST OF TEAGUE SEGMENT - CIVIL - PLAN
WT-01268	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 794+00 TO WT 850+00	CVL-WT-01327 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 4098+00 TO WT 4118+8
WT-01269	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 850+00 TO WT 906+00	2A-3 NAVARRO WEST SEGMENT
WT-01270	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 906+00 TO WT 962+00	CVL-NW-01500 NAVARRO WEST SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 2 - NW 10+00 TO NW 1130-
VT-01270-A	WEST OF TEAGUE SEGMENT - CIVIL - PLAN	CVL-NW-01501 NAVARRO WEST SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 2 - NW 1130+00 TO NW 163
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 962+00 TO WT 1018+00	CVL-NW-01502 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 10+00 TO NW 66+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN	CVL-NW-01503 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 16+00 TO NW 00+00 CVL-NW-01503 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 66+00 TO NW 122+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1018+00 TO WT 1074+00	CVL-NW-01503-A NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 86+00 TO NW 122+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1018+00 TO WT 1074+00 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1074+00 TO WT 1130+00	CVL-NW-01505-AINAVARRO WEST SEGMENT - CIVIL - PLAN CVL-NW-01504 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 122+00 TO NW 178+00
WT 01274	WEST OF LEAGUE SEGIVIENT - CIVIL - PLAN AND PROFILE - WT 10/4+00 TO WT 1130+00	
VVI-U1274	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1130+00 TO WT 1186+00	CVL-NW-01505 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 178+00 TO NW 234+00
WI-01275	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1186+00 TO WT 1242+00	CVL-NW-01506 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 234+00 TO NW 290+00
WT-01276	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1242+00 TO WT 1298+00	CVL-NW-01507 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 290+00 TO NW 346+00
WT-01277	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1298+00 TO WT 1354+00	CVL-NW-01507-ANAVARRO WEST SEGMENT - CIVIL - PLAN
WT-01278	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1354+00 TO WT 1410+00	CVL-NW-01508 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 346+00 TO NW 402+00
WT-01279	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1410+00 TO WT 1466+00	CVL-NW-01509 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 402+00 TO NW 458+00
WT-01280	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1466+00 TO WT 1522+00	RDY-NW-01509A NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN - CR 0040
WT-01281	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1522+00 TO WT 1578+00	CVL-NW-01510 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 458+00 TO NW 514+00
WT-01282	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1522-00 TO WT 1534+00	CVL-NW-01511 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 5314+00 TO NW 570+00
WT-01283	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1034+00 TO WT 109+00	CVL-NW-01511-A NAVARRO WEST SEGMENT - CIVIL - PLAN
WT-01283	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1054+00 TO WT 1050+00 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1690+00 TO WT 1746+00	CVL-NW-01512 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 570+00 TO NW 626+00
VT 01204	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1690+00 TO WT 1746+00	
VI-01264-A	WEST OF TEAGUE SEGMENT - CIVIL - PLAN	RDY-NW-01512A NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN - FM 709
W1-01285	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1746+00 TO WT 1802+00	CVL-NW-01513 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 626+00 TO NW 682+00
W1-01286	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1802+00 TO WT 1858+00	CVL-NW-01514 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 682+00 TO NW 738+00
WI-01287	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1858+00 TO WT 1914+00	CVL-NW-01515 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 738+00 TO NW 794+00
WT-01288	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1914+00 TO WT 1970+00	CVL-NW-01516 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 794+00 TO NW 850+00
WT-01289	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1970+00 TO WT 2026+00	CVL-NW-01517 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 850+00 TO NW 906+00
WT-01290	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2026+00 TO WT 2082+00	CVL-NW-01517-A NAVARRO WEST SEGMENT - CIVIL - PLAN
WT-01291	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2082+00 TO WT 2138+00	CVL-NW-01518 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 906+00 TO NW 962+00
WT-01292	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2138+00 TO WT 2194+00	CVL-NW-01519 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 962+00 TO NW 1018+00
WT-01293	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2194+00 TO WT 2250+00	CVL-NW-01520 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1018+00 TO NW 1074+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2250+00 TO WT 2250+00	CVL-NW-01521 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1016100 TO NW 1004100
	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN - FM 1512	CVL-NW-01521 NAVARKO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1074+00 TO NW 1130+00 CVL-NW-01522 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1130+00 TO NW 1186+00
	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAT - PLAN - PM 1512 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2306+00 TO WT 2362+00	CVL-NW-01322 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1130+00 TO NW 1180+00 CVL-NW-01523 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1186+00 TO NW 1242+00
T 01205 A	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2306+00 TO WT 2362+00 WEST OF TEAGUE SEGMENT - CIVIL - PLAN	CVL IVV 01322 A NAVADDO WEST SEGVIENT - CIVIL - PLAN AND PROFILE - NW 1186+00 TO NW 1242+00
MT 01200	WEST OF TEACUE SEGMENT - CIVIL - PLAN AND DDOFUE - METOCOLO DO TO METOCICO - CO	CVL-NW-01523-A NAVARRO WEST SEGMENT - CIVIL - PLAN
WT 01207	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2362+00 TO WT 2418+00	CVL-NW-01524 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1242+00 TO NW 1298+00
<u>vv1-01297</u>	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2418+00 TO WT 2474+00	CVL-NW-01525 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1298+00 TO NW 1354+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN	CVL-NW-01526 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1354+00 TO NW 1410+00
WT-01298	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2474+00 TO WT 2530+00	CVL-NW-01527 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1410+00 TO NW 1466+00
NT-01299	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2530+00 TO WT 2586+00	RDY-NW-01527A NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN - CR 1300
<i>N</i> T-01300	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2586+00 TO WT 2642+00	CVL-NW-01528 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1466+00 TO NW 1522+00
NT-01301	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2642+00 TO WT 2698+00	CVL-NW-01529 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1522+00 TO NW 1578+00
NT-01302	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2698+00 TO WT 2754+00	CVL-NW-01530 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1522-00 TO NW 1534-00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN	CVL-NW-01531 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1575100 TO NW 1634+100 CVL-NW-01531 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1634+00 TO NW 1638+12
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2754+00 TO WT 2810+00	2A-4 ELLIS WEST SEGMENT
WT-01304	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2734+00 TO WT 2810+00 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2810+00 TO WT 2866+00	CVL-EW-01700 ELLIS WEST SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 2 - EW 10+00 TO EW 1130+00
WT-01205	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2810+00 TO WT 2800+00 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2866+00 TO WT 2922+00	CVL-EW-01700 ELLIS WEST SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 2 - EW 10+00 TO EW 1130+00 CVL-EW-01701 ELLIS WEST SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 2 - EW 1130+00 TO EW 1246+26
NT_01202	WEST OF TEACHE SECMENT - CIVIL - PLAN AND PROFILE - WT 2000+00 TO WT 2022+00	
01207	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2922+00 TO WT 2978+00	CVL-EW-01702 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 10+00 TO EW 66+00
VVI-U13U/	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2978+00 TO WT 3034+00	RDY-EW-01702A ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN - FM 984
vv1-01308	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3034+00 TO WT 3090+00	CVL-EW-01703 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 66+00 TO EW 122+00
WT-01309	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3090+00 TO WT 3146+00	CVL-EW-01704 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 122+00 TO EW 178+00
WT-01310	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3146+00 TO WT 3202+00	CVL-EW-01705 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 178+00 TO EW 234+00
WT-01311	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3202+00 TO WT 3258+00	CVL-EW-01706 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 234+00 TO EW 290+00
WT-01312	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3258+00 TO WT 3314+00	RDY-EW-01706A ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN - BACAK ROAD
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3314+00 TO WT 3370+00	CVL-EW-01707 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 290+00 TO EW 346+00
	WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3370+00 TO WT 3426+00	CVL-EW-01708 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 346+00 TO EW 402+00

							D. THOMPSON	DALLAS TO HOUSTON HIGH-SPEED R
							DRAWN BY D. THOMPSON	ARUP FREESE
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	REV	DATE	BY	СНК	APP	DESCRIPTION	DATE 02/25/2019	www.arup.com www.freese.com Texas Registered Engineering Firm: F-1990 Texas Registered Engineering Firm: F-2144 1409 South Lamar Street, Sulte 1022, Dallas.Texas 7

DRAWING NO.	DRAWING DESCRIPTIONS
	2A-4 ELLIS WEST SEGMENT
	ELLIS WEST SEGMENT - CIVIL - PLAN
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 402+00 TO EW 458+00
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 458+00 TO EW 514+00
	ELLIS WEST SEGMENT - CIVIL - PLAN
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 514+00 TO EW 570+00 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 570+00 TO EW 626+00
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 570+00 TO EW 620+00 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 626+00 TO EW 682+00
RDY-EW-01713A	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN - EW 655+00 to EW 683+00
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 682+00 TO EW 738+00
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 738+00 TO EW 794+00
CVL-EW-01716	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 794+00 TO EW 850+00
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 850+00 TO EW 906+00
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 906+00 TO EW 962+00
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 962+00 TO EW 1018+00
	ELLIS WEST SEGMENT - CIVIL - PLAN
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1018+00 TO EW 1074+00
CVL-EW-01721	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1074+00 TO EW 1130+00
	ELLIS WEST SEGMENT - CIVIL - PLAN
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1130+00 TO EW 1186+00 ELLIS WEST SEGMENT - CIVIL - PLAN
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1186+00 TO EW 1242+00
	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1180100 TO EW 1242100
	2A-5 DALLAS SEGMENT
CVL-DS-01900	DALLAS SEGMENT - CIVIL - KEY MAP - DS 10+00 TO DT 216+59
CVL-DS-01901	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 10+00 TO DS 66+00
CVL-DS-01902	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 66+00 TO DS 122+00
	DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01903	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 122+00 TO DS 178+00
	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN - HASH ROAD
CVL-DS-01904	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 178+00 TO DS 234+00
CVL-DS-01905 RDY-DS-01905A	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 234+00 TO DS 290+00
CVL-DS-01905A	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN - DS 234+00 TO DS 290+00 DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 290+00 TO DS 346+00
CVL-DS-01907	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 250400 TO DS 346400 DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 346400 TO DS 402400
	DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01908	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 402+00 TO DS 458+00
CVL-DS-01909	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 458+00 TO DS 514+00
CVL-DS-01910	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 514+00 TO DS 542+00
CVL-DS-01911	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 542+00 TO DS 570+00
CVL-DS-01912	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 570+00 TO DS 598+00
CVL-DS-01912-A	DALLAS SEGMENT - CIVIL - PLAN
	DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01912-C	DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01912-D CVL-DS-01913	DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01913 CVL-DS-01914	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 598+00 TO DS 626+00 DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 626+00 TO DS 654+00
	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 626+00 TO DS 654+00 DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01914-R	DALLAS SEGMENT - CIVIL - PLAN DALLAS SEGMENT - CIVIL - PLAN
	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 654+00 TO DS 682+00
CVL-DS-01916	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 682+00 TO DS 710+00
CVL-DS-01917	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 710+00 TO DS 738+00
CVL-DS-01918	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 738+00 TO DS 766+00
CVL-DS-01919	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 766+00 TO DT 33+00
	DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01919-B	DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01920	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 33+00 TO DT 61+00
CVL-DS-01921	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 61+00 TO DT 89+00
CVL-DS-01922 CVL-DS-01922-A	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 89+00 TO DT 117+00 DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01922-A CVL-DS-01923	DALLAS SEGMENT - CIVIL - PLAN DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 117+00 TO DT 145+00
CVL-DS-01923 CVL-DS-01924	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 117+00 TO DT 145+00 DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 145+00 TO DT 173+00
	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 145+00 TO DT 175+00 DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01924-B	DALLAS SEGMENT - CIVIL - PLAN DALLAS SEGMENT - CIVIL - PLAN
	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 173+00 TO DT 201+00
	DALLAS SEGMENT - CIVIL - PLAN
CVL-DS-01925-B	DALLAS SEGMENT - CIVIL - PLAN
	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 201+00 TO DT 216+59 DALLAS SEGMENT - CIVIL - PLAN

Drawing Title

GENERAL INDEX SHEET 2 OF 5

NO SCALE Drawing Status Job No 234180

Scale

FINAL rawing No

GEN-00-00004 01

VOLUME 2B - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS

VOLUME 2B - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS

<u> /OLUME 2B - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS</u>	VOLUIVIE ZB	- RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS	<u>VOLUME 2B</u>
DRAWING NO. DRAWING DESCRIPTIONS	DRAWING NO.		DRAWING NO.
2B-1 IH-45 SEGMENT		2B-1 IH-45 SEGMENT	0) // 55 01014
CVL-IH-01350 IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 5 - IH1 10+00 TO IH1 1130+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3706+00 TO IH1 3762+00	CVL-EE-01814 CVL-EE-01815
CVL-IH-01351 IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 5 - IH1 1130+00 TO IH1 2250+00 CVL-IH-01352 IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 3 OF 5 - IH1 2250+00 TO IH1 3370+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3762+00 TO IH1 3818+00 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3818+00 TO IH1 3874+00	CVL-EE-01815
CVL-III-01352 III-45 SEGMENT - CIVIL - KEY MAP - SHEET 3 OF 5 - IH1 2250+00 TO IH1 3370+00 CVL-III-01353 III-45 SEGMENT - CIVIL - KEY MAP - SHEET 4 OF 5 - IH1 3370+00 TO IH2 234+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3818+00 TO IH1 3874+00	CVL-EE-01810
CVL-IH-01354 IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 5 OF 5 - IH2 234+00 TO IH2 540+81		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3930+00 TO IH1 3986+00	CVL-EE-01818
CVL-IH-01355 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 10+00 TO IH1 66+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3986+00 TO IH1 4042+00	CVL-EE-01819
CVL-IH-01356 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 66+00 TO IH1 122+00	CVL-IH-01427	IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4042+00 TO IH1 4098+00	CVL-EE-01820
CVL-IH-01357 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 122+00 TO IH1 178+00	CVL-IH-01428	IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4098+00 TO IH1 4154+00	CVL-EE-01821
CVL-IH-01358 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 178+00 TO IH1 234+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4154+00 TO IH1 4210+00	CVL-EE-01822
CVL-IH-01359 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 234+00 TO IH1 290+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4210+00 TO IH1 4266+00	CVL-EE-01823
CVL-IH-01360 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 290+00 TO IH1 346+00 CVL-IH-01361 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 346+00 TO IH1 402+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4266+00 TO IH1 4322+00	-
CVL-IH-01361 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 346+00 TO IH1 402+00 CVL-IH-01362 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 402+00 TO IH1 458+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4322+00 TO IH1 4329+69 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 10+00 TO IH2 66+00	-
CVL-IH-01363 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 452+00 TO IH1 453+00 CVL-IH-01363 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 458+00 TO IH1 514+00	CVI-IH-01434	IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 66+00 TO IH2 00+00	-
CVL-IH-01364 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 514+00 TO IH1 570+00	CVL-IH-01435	IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 122+00 TO IH2 178+00	-
CVL-IH-01365 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 570+00 TO IH1 626+00	CVL-IH-01436	IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 178+00 TO IH2 234+00	1
CVL-IH-01366 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 626+00 TO IH1 682+00	CVL-IH-01437	IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 234+00 TO IH2 290+00	
CVL-IH-01367 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 682+00 TO IH1 738+00	CVL-IH-01438	IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 290+00 TO IH2 346+00	
CVL-IH-01368 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 738+00 TO IH1 794+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 346+00 TO IH2 402+00	_
CVL-IH-01369 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 794+00 TO IH1 850+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 402+00 TO IH2 458+00	_
CVL-IH-01370 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 850+00 TO IH1 906+00 CVL-IH-01371 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 906+00 TO IH1 962+00		IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 458+00 TO IH2 514+00 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 514+00 TO IH2 540+81	-
CVL-IH-01371 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 906+00 TO IH1 962+00 CVL-IH-01372 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 962+00 TO IH1 1018+00		1H-45 SEGMENT - CIVIL - PLAN AND PROFILE - 1H2 514+00 TO 1H2 540+81 2B-2 NAVARRO EAST SEGMENT	1
CVL-III-01372 III-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 962+00 TO IH1 1018+00	CVL-NF-01600	NAVARRO EAST SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 2 - NE 10+00 TO NE 1074+00	1
CVL-IH-01374 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1018100 TO IH1 1074100	CVL-NE-01601	NAVARIO EAST SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 2 - NE 1070-10 NE 1074-00 NAVARRO EAST SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 2 - NE 1074+00 TO NE 1652+05	1
CVL-IH-01375 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1130+00 TO IH1 1186+00	CVL-NE-01602	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 10+00 TO NE 66+00]
CVL-IH-01376 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1186+00 TO IH1 1242+00	CVL-NE-01603	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 66+00 TO NE 122+00	
CVL-IH-01377 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1242+00 TO IH1 1298+00	CVL-NE-01604	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 122+00 TO NE 178+00	_
CVL-IH-01378 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1298+00 TO IH1 1354+00	CVL-NE-01605	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 178+00 TO NE 234+00	_
CVL-IH-01379 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1354+00 TO IH1 1410+00 CVL-IH-01380 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1410+00 TO IH1 1466+00	CVL-NE-01606	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 234+00 TO NE 290+00 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 290+00 TO NE 346+00	-
CVL-IH-01380 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 140660 TO IH1 1400400 CVL-IH-01381 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 14666400 TO IH1 1522400	CVL-NE-01608	NAVARNO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 250+00 TO NE 540+00 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 346+00 TO NE 402+00	-
CVL-IH-01382 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1522+00 TO IH1 1578+00	CVL-NE-01609	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 402+00 TO NE 458+00	1
CVL-IH-01383 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1578+00 TO IH1 1634+00	CVL-NE-01610	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 458+00 TO NE 514+00	
CVL-IH-01384 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1634+00 TO IH1 1690+00	CVL-NE-01611	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 514+00 TO NE 570+00	
CVL-IH-01385 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1690+00 TO IH1 1746+00	CVL-NE-01612	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 570+00 TO NE 626+00	_
CVL-IH-01386 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1746+00 TO IH1 1802+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 626+00 TO NE 682+00	_
CVL-IH-01387 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1802+00 TO IH1 1858+00 CVL-IH-01388 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1858+00 TO IH1 1914+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 682+00 TO NE 738+00 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 738+00 TO NE 794+00	-
CVL-IH-01389 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1838-00 TO IH1 1914-00 CVL-IH-01389 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1914-00 TO IH1 1970+00	CVL-NE-01616	NAVARNO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 758+00 TO NE 754+00 NAVARNO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 794+00 TO NE 850+00	-
CVL-IH-01390 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1970+00 TO IH1 2026+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 850+00 TO NE 906+00	1
CVL-IH-01391 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2026+00 TO IH1 2082+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 906+00 TO NE 962+00	
CVL-IH-01392 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2082+00 TO IH1 2138+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 962+00 TO NE 1018+00	_
CVL-IH-01393 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2138+00 TO IH1 2194+00	CVL-NE-01620	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1018+00 TO NE 1074+00	4
CVL-IH-01394 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2194+00 TO IH1 2250+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1074+00 TO NE 1130+00	-
CVL-IH-01395 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2250+00 TO IH1 2306+00 CVL-IH-01396 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2306+00 TO IH1 2362+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1130+00 TO NE 1186+00 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1186+00 TO NE 1242+00	1
CVL-III-01390 III-45 SEGMENT - CIVIL - PLAN AND PROFILE - III 2506+00 TO III 2502+00 CVL-III-01397 III-45 SEGMENT - CIVIL - PLAN AND PROFILE - III 2362+00 TO III 2418+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1186+00 TO NE 1242+00	1
CVL-IH-01398 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2418+00 TO IH1 2474+00		NAVARIO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1298+00 TO NE 1258+00	1
CVL-IH-01399 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2474+00 TO IH1 2530+00	CVL-NE-01626	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1354+00 TO NE 1410+00]
CVL-IH-01400 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2530+00 TO IH1 2586+00	CVL-NE-01627	NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1410+00 TO NE 1466+00	4
CVL-IH-01401 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2586+00 TO IH1 2642+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1466+00 TO NE 1522+00	4
CVL-IH-01402 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2642+00 TO IH1 2698+00	CVL-NE-01629		4
CVL-IH-01403 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2698+00 TO IH1 2754+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1578+00 TO NE 1634+00	-
CVL-IH-01404 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2754+00 TO IH1 2810+00 CVL-IH-01405 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2810+00 TO IH1 2866+00		NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1634+00 TO NE 1652+05 2B-3 ELLIS EAST SEGMENT	-
CVL-IH-01405 III-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2810400 TO IH1 2806400 CVL-IH-01406 IIH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2866+00 TO IH1 2922+00	CVL-EE-01800-1	ELLIS EAST SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 2 - EE 9+56 TO EE 1098+00	1
CVL-IH-01407 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2022+00 TO IH1 2972+00		ELLIS EAST SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 2 - EE 1098+00 TO EE 1232+15	1
CVL-IH-01408 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2978+00 TO IH1 3034+00		ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 9+56 TO EE 34+00]
CVL-IH-01409 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3034+00 TO IH1 3090+00	CVL-EE-01802	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 34+00 TO 90+00	
CVL-IH-01410 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3090+00 TO IH1 3146+00	CVL-EE-01803	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 90+00 TO 146+00	4
CVL-IH-01411 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3146+00 TO IH1 3202+00	CVL-EE-01804	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 146+00 TO EE 202+00	4
CVL-IH-01412 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3202+00 TO IH1 3258+00	CVL-EE-01805 CVL-EE-01806	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 202+00 TO EE 258+00	-
CVL-IH-01413 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3258+00 TO IH1 3314+00 CVL-IH-01414 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3314+00 TO IH1 3370+00	CVL-EE-01806	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 258+00 TO EE 314+00 ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 314+00 TO EE 370+00	-
CVL-IH-01414 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3314+00 TO IH1 3370+00 CVL-IH-01415 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3370+00 TO IH1 3426+00	CVL-EE-01807	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 314+00 TO EE 370+00 ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 370+00 TO EE 426+00	1
CVL-IH-01416 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3426+00 TO IH1 3482+00	CVL-EE-01809	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 426+00 TO EE 422+00	1
			1
CVL-IH-01417 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3482+00 TO IH1 3538+00			-
/L-IH-01417 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3482+00 TO IH1 3538+00 /L-IH-01418 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3538+00 TO IH1 3594+00	CVL-EE-01811	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 538+00 TO EE 594+00	-
	CVL-EE-01811 CVL-EE-01812	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 538+00 TO EE 594+00 ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 594+00 TO EE 650+00 ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 650+00 TO EE 706+00	-

							DESIGNED BY		DALLAS TO HOUSTON HIGH-SPEED RAIL FINAL CONCEPTUAL ENGINEERING
							D. THOMPSON	ARUP ARUP	
							CHECKED BY R. BURNS	Arup Texas, Inc. 10370 Richmond Ave., Suite 475 2711 North Haskell Ave., Suite 3300	
							C. TAYLOR	Houston, Texas 77042 USA Dallas, Texas 75204 Tel (713) 783 2787 Fax (713) 343 1467 Tel (214) 217 2200 Fax (214) 217 2201 www.uraup.com www.freese.com	CENTRAL
	REV	DATE	BY	СНК	APP	DESCRIPTION	02/25/2019	Texas Registered Engineering Firm: F-1990 Texas Registered Engineering Firm: F-2144 1	409 South Lamar Street, Sulte 1022, Dallas.Texas 75215

VOLUME 2B - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS

<u>E 2B</u>	<u>- RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS</u>
NO.	DRAWING DESCRIPTIONS
	2B-3 ELLIS EAST SEGMENT
814	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 706+00 TO EE 762+00
815	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 762+00 TO EE 818+00
816	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 818+00 TO EE 874+00
817	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 874+00 TO EE 930+00
818	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 930+00 TO EE 986+00
819	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 986+00 TO EE 1042+00
820	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 1042+00 TO EE 1098+00
821	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 1098+00 TO EE 1154+00
822	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 1154+00 TO EE 1210+00
823	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE EE 1210+00 TO EE 1232+15

Drawing Title

GENERAL INDEX SHEET 3 OF 5

scale		
NO SCALE	1	
Drawing Status		
	FINAL	
Job No	Drawing No	Rev
234180	GEN-00-00005	01

VOLUME 3A - STATIONS, MAINTENANCE FACILITIES AND RAILWAY SYSTEMS SHEETS

1	DRAWING NO.	DRAWING DESCRIPTIONS
		3A-1 STATIONS
	STA-00-03000	GENERAL - STATIONS - TYPICAL SECTIONS
	STA-HN-06000	HOUSTON SEGMENT - STATIONS - STATIONS SECTIONS
_	STA-HN-06001	HOUSTON SEGMENT - STATIONS - STATION SECTIONS - FUTURE EXPANSION
	STA-HN-01005	HOUSTON SEGMENT - STATIONS - HOUSTON TRANSIT STATION - CIVIL SITE PLAN
	STA-HN-01015	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL - CIVIL SITE PLAN (FSL)
	STA-HN-01016	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL - TERMINAL ROAD - PLAN & PROFILE
2	STA-HN-01017	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL - MANGUM ROAD - PLAN & PROFILE
	STA-HN-01018	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL - 18TH STREET - PLAN & PROFILE
	STA-HN-01019	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL - CIVIL SITE PLAN - FUTURE BUILD
	STA-HN-01025	HOUSTON SEGMENT - STATIONS - INDUSTRIAL STATION - CIVIL SITE PLAN
-	STA-HN-01034	HOUSTON SEGMENT - STATIONS - BRAZOS VALLEY STATION - CIVIL SITE PLAN
	STA-DS-01045	DALLAS SEGMENT - STATIONS - STATION SECTIONS
	STA-DS-01046	DALLAS SEGMENT - STATIONS - STATION SECTIONS - FUTURE EXPANSION
	STA-DS-01049	DALLAS SEGMENT - STATIONS - DALLAS STATION - CIVIL SITE PLAN
3	STA-DS-01050	DALLAS SEGMENT - STATIONS - DALLAS STATION - HOTEL STREET - PLAN & PROFILE
	STA-DS-01053	DALLAS SEGMENT - STATIONS - DALLAS STATION - PROPOSED STREET 1 - PLAN & PROFILE
	STA-DS-01054	DALLAS SEGMENT - STATIONS - DALLAS STATION - PROPOSED STREET 2 - PLAN & PROFILE
		3A-2 MAINTENANCE FACILITIES, YARDS AND SHOPS
-	MNT-00-02002	HN, WT, EW, DS - MAINTENANCE FACILITIES - TYPICAL MOW FACILITY
	MNT-00-02003	GENERAL - MAINTENANCE FACILITIES - TYPICAL SIDING OFF
	MNT-00-02004	GENERAL - MAINTENANCE FACILITIES - KEY MAP
4	MNT-HN-04008	HOUSTON SEGMENT - MAINTENANCE FACILITIES - MOW-HN-2 - LAYOUT
1	MNT-HN-04009 MNT-HN-04010	HOUSTON SEGMENT - MAINTENANCE FACILITIES - MOW-HN-2 - PROFILE
	MNT-HN-04010	
	MNT-HN-04011 MNT-HN-04012	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON TMF - SHEET 2 OF 3 HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON TMF - SHEET 3 OF 3
_	MNT-HN-04012	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON TWF - SHEET'S OF S
	MNT-HN-04014	HOUSTON SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY HN-5 - LAYOUT
	MNT-HN-04015	HOUSTON SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY HN-5 - PROFILE
	MNT-WT-04016	
5	MNT-WT-04017	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY WT-1 - PROFILE
	MNT-WT-04018	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 1 OF 2
	MNT-WT-04019	
	MNT-WT-04020	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY WT-2 - LAYOUT
-	MNT-WT-04021	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY WT-2 - PROFILE
	MNT-EW-04036	ELLIS WEST SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY EW-1 - LAYOUT
	MNT-EW-04037	ELLIS WEST SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY EW-1 - PROFILE
6	MNT-DS-04042	DALLAS SEGMENT - MAINTENANCE FACILITIES - DALLAS TMF - SHEET 1 OF 2
°	MNT-DS-04043	DALLAS SEGMENT - MAINTENANCE FACILITIES - DALLAS TMF - SHEET 2 OF 2
	MNT-DS-04044	DALLAS SEGMENT - MAINTENANCE FACILITIES - DALLAS TMF - PROFILE
	SVC 00 01001	3A-3 RAILWAY FACILITIES
_	SYS-00-01001	HN, WT, NW, EW, DS - RAILWAY FACILITIES - SP, SSP, ATP - TYPICAL LAYOUT PLAN
	SYS-00-01002	HN, WT, NW, EW, DS - RAILWAY FACILITIES - MSH, SSH, ISH, CH - TYPICAL LAYOUT PLAN
	SYS-00-01003 SYS-00-01004	HN, WT, NW, EW, DS - RAILWAY FACILITIES - TPSS LOOP 2FDR - TYPICAL LAYOUT PLAN
	SYS-00-01004	HN, WT, NW, EW, DS - RAILWAY FACILITIES - TPSS LOOP 1FDR - TYPICAL LAYOUT PLAN HN, WT, NW, EW, DS - RAILWAY FACILITIES - TPSS RADIAL 2FDR - TYPICAL LAYOUT PLAN
7	SYS-00-01005	HN, WT, NW, EW, DS - RAILWAY FACILITIES - TPSS RADIAL 2FDR - TYPICAL LAYOUT PLAN
	SYS-00-02000	GENERAL - RAILWAY FACILITIES - FACILITIES - 1755 RADIAL 1FDR - TIPICAL LATOUT PLAN
	SYS-00-02000	GENERAL - RAILWAY FACILITIES - FACILITIES SPACING - ALIGN ALT A FSL
	SYS-00-03000	HT1, HT2, HT3, HN1, HN2, - WT, NW, EW, DS, DT - RAILWAY FACILITIES - FACILITY LOCATIONS
-	510 00 00000	3A-4 ROADWAY FACILITIES
	RDY-00-03037	GENERAL - ROADWAY FACILITIES - EMERGENCY RESPONSE MAINTENANCE – AND STAGING AREA LAYOUTS

VOLUME 3B - STATIONS, MAINTENANCE FACILITIES AND RAILWAY SYSTEM

DRAWING NO.	
	DRAWING DESCRIPTIONS 3B-1 STATIONS (NOT USED)
	3B-2 MAINTENANCE FACILITIES, YARDS AND SHOPS
MNT-00-02012	IH, EE - MAINTENANCE FACILITIES, TARDS AND STOLS
MNT-IH-04022	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-1 - LAYOUT - SHEET
MNT-IH-04023	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-1 - LAYOUT - SHEET
MNT-IH-04024	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-1 - LAYOUT - SHEET
MNT-IH-04025	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEE
MNT-IH-04026	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEE
MNT-IH-04027	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEE
MNT-IH-04028 MNT-IH-04029	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEE IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEE
MNT-IH-04030	IH-45 SEGMENT MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEE
MNT-IH-04031	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEE
MNT-IH-04032	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEE
MNT-IH-04033	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-2 - LAYOUT - SHEET
MNT-IH-04034	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-2 - LAYOUT - SHEET
MNT-IH-04035	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-2 - LAYOUT - SHEET
MNT-EE-04038	ELLIS EAST SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY EE-1 - LAYOUT 3B-3 RAILWAY FACILITIES
SYS-00-01010	IH, NE, EE - RAILWAY FACILITIES - TPSS - TYPICAL LAYOUT PLAN
SYS-00-01011	IH, NE, EE - RAILWAY FACILITIES - SP, SSP, ATP - TYPICAL LAYOUT PLAN
SYS-00-01012	IH, NE, EE - RAILWAY FACILITIES - MSH, SSH, ISH, CH - TYPICAL LAYOUT PLAN
SYS-00-02002	GENERAL - RAILWAY FACILITIES - FACILITY SPACING - ALIGNMENT ALTERNATIVE B
SYS-00-02003	GENERAL - RAILWAY FACILITIES - FACILITY SPACING - ALIGNMENT ALTERNATIVE C
SYS-00-02004	GENERAL - RAILWAY FACILITIES - FACILITY SPACING - ALIGNMENT ALTERNATIVE D
SYS-00-02005	GENERAL - RAILWAY FACILITIES - FACILITY SPACING - ALIGNMENT ALTERNATIVE E GENERAL - RAILWAY FACILITIES - FACILITY SPACING - ALIGNMENT ALTERNATIVE F
<u>SYS-00-02006</u> SYS-00-03010	
VOLUME 4B -	
	ROADWAY PLAN SHEETS
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DRAWING NO.	DRAWING DESCRIPTIONS
RDY-IH-01101	4B-1 IH-45 SEGMENT IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 5 IH1 10+00 TO IH1 1120+
RDY-IH-01102	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 5 IH1 10-00 TO IH1 1224
RDY-IH-01103	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 3 OF 5 IH1 2240+00 TO IH1 336
RDY-IH-01104	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 4 OF 5 IH1 3360+00 TO IH2 224
RDY-IH-01105	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 5 OF 5 IH2 224+00 TO IH2 540+
RDY-IH1-04001	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 10+00 TO IH1 100+00
RDY-IH1-04002 RDY-IH1-04003	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 100+00 TO IH1 190+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 190+00 TO IH1 280+00
RDY-IH1-04004	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IHI 190+00 TO IHI 280-00
RDY-IH1-04005	
	IIH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 370+00 TO IH1 460+00
RDY-IH1-04006	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 370+00 TO IH1 460+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00
RDY-IH1-04006 RDY-IH1-04007	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 910+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 500+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1090+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04011 RDY-IH1-04013 RDY-IH1-04014	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04015	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1360+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1450+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04015 RDY-IH1-04016 RDY-IH1-04017	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1360+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1450+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04015 RDY-IH1-04016 RDY-IH1-04017 RDY-IH1-04018	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04016 RDY-IH1-04017 RDY-IH1-04018 RDY-IH1-04018 RDY-IH1-04018 RDY-IH1-04018 RDY-IH1-04018 RDY-IH1-04018 RDY-IH1-04019	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 180+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1360+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1450+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1450+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1450+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1540+00 TO IH1 1540+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04015 RDY-IH1-04016 RDY-IH1-04017 RDY-IH1-04018	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 150+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1630+00 TO IH1 150+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 150+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 150+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 150+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 150+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 150+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 150+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 150+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04016 RDY-IH1-04017 RDY-IH1-04018 RDY-IH1-04019 RDY-IH1-04019 RDY-IH1-04019 RDY-IH1-04019 RDY-IH1-04019 RDY-IH1-04019 RDY-IH1-04019 RDY-IH1-04019 RDY-IH1-04010	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 180+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1360+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1450+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1450+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1450+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1540+00 TO IH1 1540+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04016 RDY-IH1-04017 RDY-IH1-04018 RDY-IH1-04019 RDY-IH1-04020 RDY-IH1-04022 RDY-IH1-04022 RDY-IH1-04023	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1180+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1450+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1630+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1630+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1630+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1900+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04015 RDY-IH1-04016 RDY-IH1-04017 RDY-IH1-04018 RDY-IH1-04018 RDY-IH1-04020 RDY-IH1-04021 RDY-IH1-04022 RDY-IH1-04023 RDY-IH1-04023 RDY-IH1-04024	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 11270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1120+00 TO IH1 11270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1120+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1120+00 TO IH1 1360+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1120+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 120+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 150+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1630+00 TO IH1 1720+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1630+00 TO IH1 1720+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 180+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 180+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 180+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1900+00
RDY-IH1-04006 RDY-IH1-04007 RDY-IH1-04008 RDY-IH1-04009 RDY-IH1-04010 RDY-IH1-04011 RDY-IH1-04012 RDY-IH1-04013 RDY-IH1-04014 RDY-IH1-04015 RDY-IH1-04016 RDY-IH1-04017 RDY-IH1-04018 RDY-IH1-04018 RDY-IH1-04020 RDY-IH1-04021 RDY-IH1-04023 RDY-IH1-04024 RDY-IH1-04024 RDY-IH1-04024 RDY-IH1-04024 RDY-IH1-04024 RDY-IH1-04024	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 910+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 11270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 100+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1540+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1260+00 TO IH1 1630+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 180+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 1900+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1800+00 TO IH1 2080+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 2260+00 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2200+00 TO IH1 2260+00
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Arup Texas Inc.

VOLUME 4B - ROADWAY PLAN SHEETS

22x34|

DRAWING NO.	DRAWING DESCRIPTIONS
	4B-1 IH-45 SEGMENT
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3070+00 TO IH1 3160+00
RDY-IH1-04036	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3160+00 TO IH1 3250+00
RDY-IH1-04037	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3250+00 TO IH1 3340+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3340+00 TO IH1 3430+00
RDY-IH1-04039	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3430+00 TO IH1 3520+00
RDY-IH1-04040	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3520+00 TO IH1 3610+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3610+00 TO IH1 3700+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3700+00 TO IH1 3790+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3790+00 TO IH1 3880+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3880+00 TO IH1 3970+00
RDY-IH1-04045	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3970+00 TO IH1 4060+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4060+00 TO IH1 4150+00
RDY-IH1-04047	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4150+00 TO IH1 4240+00
RDY-IH1-04048	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4240+00 TO IH1 4329+69
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 10+00 TO IH2 100+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 100+00 TO IH2 190+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 190+00 TO IH2 280+00
RDY-IH2-04052	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 280+00 TO IH2 370+00
RDY-IH2-04053	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 370+00 TO IH2 460+00
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 460+00 TO IH2 540+81
	4B-2 NAVARRO EAST SEGMENT
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 2 NE 10+00 TO NE 1070+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 2 NE 1070+00 TO NE 1652+05
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 10+00 TO NE 100+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 100+00 TO NE 190+00 NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 190+00 TO NE 280+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 190+00 TO NE 280+00 NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 280+00 TO NE 370+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 280+00 TO NE 370+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 450+00 TO NE 550+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 550+00 TO NE 640+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 640+00 TO NE 730+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 730+00 TO NE 820+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 820+00 TO NE 910+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 910+00 TO NE 1000+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - MATCHLINE RDY-NE-04011
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1000+00 TO NE 1090+00
RDY-NE-04013	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1090+00 TO NE 1180+00
RDY-NE-04014	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1180+00 TO NE 1270+00
RDY-NE-04015	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1270+00 TO NE 1360+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1360+00 TO NE 1450+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1450+00 TO NE 1540+00
	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1540+00 TO NE 1630+00
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	ELLIS EAST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 2 EE 9+56 TO EE 1064+00
	ELLIS EAST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 2 EE 1064+00 TO EE 1232+15
	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 9+56 TO EE 100+00
	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 100+00 TO EE 190+00
	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 190+00 TO EE 280+00
RDY-EE-04004	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 280+00 TO EE 370+00
RDY-EE-04005	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 370+00 TO EE 460+00
RDY-EE-04006	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 460+00 TO EE 550+00
RDY-EE-04007	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 550+00 TO EE 640+00
RDY-EE-04008	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 640+00 TO EE 730+00
	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 730+00 TO EE 820+00
	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 820+00 TO EE 910+00
	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 910+00 TO EE 1000+00
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RDY-EE-04013	

Volume 5A - WILDLIFE CROSSING SHEETS

DRAWING NO.	DRAWING DESCRIPTIONS
	Volume 5A
WLC-DS-04001	DS SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 1 OF 23)
WLC-DS-04002	DS SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 2 OF 23)
WLC-DS-04003	DS SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 3 OF 23)
WLC-EW-04001	EW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 4 OF 23)
WLC-EW-04002	EW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 5 OF 23)
WLC-NW-04001	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 6 OF 23)
WLC-NW-04002	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 7 OF 23)
WLC-NW-04003	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 8 OF 23)
WLC-WT-04001	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 9 OF 23)
WLC-WT-04002	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 10 OF 23)
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WLC-WT-04004	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 12 OF 23)
WLC-WT-04005	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 13 OF 23)
WLC-WT-04006	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 14 OF 23)
WLC-WT-04007	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 15 OF 23)
WLC-HN-04001	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 16 OF 23)
WLC-HN-04002	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 17 OF 23)
WLC-HN-04003	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 18 OF 23)
WLC-HN-04004	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 19 OF 23)
WLC-HN-04005	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 20 OF 23)
WLC-HN-04006	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 21 OF 23)
WLC-HN-04007	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 22 OF 23)
WLC-HN-04008	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 23 OF 23)

VOLUME 5B - WILDLIFE CROSSING SHEETS

DRAWING NO.	DRAWING DESCRIPTIONS
	Volume 5B
WLC-EE-04001	EE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 1 OF 15)
WLC-EE-04002	EE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 2 OF 15)
WLC-NE-04001	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 3 OF 15)
WLC-NE-04002	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 4 OF 15)
WLC-NE-04003	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 5 OF 15)
WLC-IH-04001	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 6 OF 15)
WLC-IH-04002	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 7 OF 15)
WLC-IH-04003	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 8 OF 15)
WLC-IH-04004	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 9 OF 15)
WLC-IH-04005	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 10 OF 15)
WLC-IH-04006	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 11 OF 15)
WLC-IH-04007	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 12 OF 15)
WLC-IH-04008	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 13 OF 15)
WLC-IH-04009	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 14 OF 15)
WLC-IH-04010	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 15 OF 15)

							D. THOMPSON			DALLAS TO HOUSTON HIGH-SF
								ARUP	FREESE NICHOLS	FINAL CONCEPTUAL ENGINE
								Arup Texas, Inc.		TEXAS
							IN CHARGE C. TAYLOR	10370 Richmond Ave., Sulte 475 Houston, Texas 77042 USA Teil (713) 783 2787 Fax (713) 343 1467	2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201	CENTR
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GENERAL NOTES:

- 1. THESE DRAWINGS ACCOMPANY FINAL CONCEPTUAL ENGINEERING (FCE) REPORT.
- 2. DRAWING SET INCLUDES FIVE (5) VOLUMES, AFTER RELEASE OF THE DRAFT EIS (DEIS), WHICH IDENTIFIED ALTERNATIVE A AS THE PERFERRED ALTERNATIVE, ADDITIONAL DESIGN DEVELOPMENT AND REFINEMENT OF ALTERNATIVE A WAS UNDERTAKEN TO MITIGATE IMPACTS AND TO IMPROVE CONSTRUCTABILITY. THIS REPORT ADDRESSES THE REFINED DESING APPROACHES AND DETAILS FOR THE SEGMENTS IN BUILD ALTERNATIVE A. FOR ALL OTHER SEGMENTS NOT A PART OF THE PERFERRED ALTERNATIVE (ELLIS EAST, NAVARRO EAST, AND IH-45 SEGMENTS), NO CHANGES TO DESIGN WAS ADVANCED OTHER THAN ALIGNMENT REVISIONS REQUIRED TO ACCOUNT FOR ALIGNMENT REVISIONS ADVANCED IN ALTERNATIVE A. TO FACILITATE COMPARISON FOR IMPACT ANALYSIS, THE APPENDICES TO THE FCE REPORT INCLUDES ALL SEGMENTS. THE DRAWING SET HAS BEEN ORGANIZED INTO VOLUMES 1A-5A AND 1B-5B, WITH THE PREFERRED ALTERNATIVE DESIGN DRAWINGS INCLUDED IN THE 1A-5A VOLUMES.
- 3. CONCEPTUAL ENGINEERING WAS DEVELOPED TO IDENTIFY PROJECT LIMIT OF DISTURBANCE (LOD), OR "PROJECT FOOTPRINT". CONCEPTUAL ENGINEERING DRAWINGS AND FCE REPORT ARE ISSUED TO PROVIDE PROJECT DEFINITION FOR ENVIRONMENTAL ANALYSES ONLY. FINAL DESIGN WOULD BE DEVELOPED TO MITIGATE ANY IMPACTS IDENTIFIED THROUGH ENVIRONMENTAL ANALYSES. NOT FOR CONSTRUCTION.
- 4. FOR STANDARD GENERAL ABBREVIATIONS, SEE DRAWING GEN-00-0009.
- 5. FOR STANDARD GENERAL SYMBOLS, SEE DRAWING GEN-00-0009
- 6. "ORIGINAL GROUND" SHOWN ON PROFILES REFERS TO THE APPROXIMATE EXISTING GROUND LINE AT HSR CENTERLINE AS SHOWN ON PLAN AND PROFILE DRAWINGS.
- 7 ALL HORIZONTAL AND VERTICAL DISTANCES ARE IN US CUSTOMARY UNITS EXCEPT AS NOTED OTHERWISE
- 8. GENERAL NOTES FOR PROJECT ELEMENTS INCLUDED ON GENERAL NOTES PAGES, REFER TO INDIVIDUAL DISCIPLINE DRAWINGS FOR ADDITIONAL NOTES.

BASEMAPPING NOTES:

- 1. DTM DATA SHOWN ON THE DRAWINGS WAS OBTAINED FROM THE TEXAS NATURAL RESOURCES INFORMATION SYSTEM (TNRIS) AND HOUSTON-GALVESTON AREA COUNCIL (HGAC).
 - DALLAS COUNTY LIDAR, 2009, SOURCED FROM TNRIS
 - HGAC LIDAR, 2008.
 - TNRIS LIDAR, 2009-2013.
 - TNRIS STRATMAP CONTOURS, 1997
- 2. LIDAR SOURCES WERE FILTERED TO SHOW ONLY BARE EARTH, AND SUPPLEMENTED BY CONTOUR DATA WHERE LIDAR SOURCES WERE NOT AVAILABLE.
- 3. NAD 83 HORIZONTAL CONTROL DATUM WAS USED FOR HORIZONTAL COORDINATE VALUES.
- 4. NAVD 88 VERTICAL DATUM WAS USED FOR ELEVATION VALUES.
- 5. ALL DATA HAS BEEN REPROJECTED TO TEXAS STATE PLANE, SOUTH CENTRAL, CENTRAL, AND NORTH CENTRAL ZONES, US SURVEY FEET.
- 6. AERIAL IMAGERY WAS OBTAINED FROM ARCGIS ONLINE SERVICES, SOURCE: ESRI, DIGITALGLOBE TELINE IMPORT I WAS US LAINED FROM ARGOID UNLINE SERVICES. SUUKCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEX, GETMAPPING, AEROGRID, IGN, IGP, SWISSTOPO, AND THE GIS USER COMMUNITY.
- 7 THE BACKGROUND IMAGERY ON THE PLAN SHEETS MAY SHOW BUILDINGS AND OTHER INFRASTRUCTURE THE BACKGROUND IMAGERT ON THE PLAN SHEETS MAY SHOW BUILDINGS AND OTHER INFRASTRUCTURE FEATURES THAT HAVE SUBSEQUENTLY BEEN REMOVED AND/OR DEMOLISHED. WHERE IT HAS BEEN VERIFIED THAT BUILDINGS HAVE BEEN REMOVED, DEMOLISHED, RECONFIGURED, OR CONSTRUCTED. THE AERIAL IMAGERY ON THE PLAN SHEET IS MARKED WITH HATCHING.

LOD NOTES:

- 1. THE PROJECT LOD WAS DEVELOPED TO DEFINE A CONSERVATIVE ESTIMATE OF THE POTENTIAL "PROJECT FOOTPRINT" FOR ENVIRONMENTAL ANALYSIS AND DOES NOT REPRESENT THE FINAL HSR RIGHT-OF-WAY (ROW)
- 2. LOD USED FOR EIS ANALYSIS FOOTPRINT, PROPERTY WITHIN THE LOD MAY BE RETURNED TO ADJACENT LANDOWNERS OR OTHER PRIVATE PARTIES FOLLOWING PROJECT CONSTRUCTION OR MAY BE TRANSFERRED TO ROADWAY OR UTILITY AUTHORITY AS APPROPRIATE. PROPOSED PROJECT WORKS WITHIN PRIVATE PROPERTIES WOULD BE SUBJECT TO NEGOTIATION WITH LANDOWNERS, ANY TEMPORARY OR PERMANENT USE OF LAND OWNED BY TXDOT, COUNTY, MUNICIPAL, OR OTHER PUBLIC ENTITIES WOULD REQUIRE APPROPRIATE APPROVALS.

TRACK NOTES:

- 1. THE ALIGNMENT SHOWN ON THE PLAN AND PROFILE DRAWINGS REPRESENTS THE CENTERLINE OF THE TWO-TRACK HSR MAINLINE TRACKS.
- 2. THE PROFILE SHOWN ON THE PLAN AND PROFILE DRAWINGS REPRESENTS THE TOP OF THE LOWER RAIL ORIZONTAL CURVES AND SPIRALS FOR THE TWO-TRACK HSR SYSTEM
- 3. THE PROPOSED HSR SYSTEM INCLUDES TWO TRACKS WITH ADDITIONAL TRACKS AT STATIONS MAINTENANCE OF WAY FACILITIES, AND TRAINSET MAINTENANCE FACILITIES, AS SHOWN ON DRAWINGS.
- MAINLINE CROSSOVERS ARE PROVIDED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF WAY (MOW) FACILITIES, AND TRAINSET MAINTENANCE FACILITIES (TMF).

PLAN AND PROFILE GENERAL NOTES:

- 1. SECTION TYPE DETAIL SHOWN ON PROFILE SHEETS REPRESENT A SIMPLIFIED SUMMARY OF THE MAJOR STRUCTURAL TYPE OF THE PROPOSED HSR. THE ACTUAL PLAN DIMENSIONS TAKE PRECEDENCE OVER THE SECTION TYPE IDENTIFIED IN PROFILE.
- 2. ALL EXISTING AND PROPOSED STRUCTURAL ELEMENTS SHOWN ARE BASED ON CONCEPTUAL ENGINEERING DESIGN AND AERIAL IMAGERY AND MAY BE REVISED BASED ON MORE ADVANCED SURVEY AND DESIGNS.
- 3. SEE SHEET GEN-00-00010 FOR A KEY TO INFORMATION SHOWN ON PLAN AND PROFILE DRAWINGS
- 4. LIMITS OF SPECIAL TRACK WORK ARE INDICATED ON THE PLAN SHEETS. ADDITIONAL DETAILS FOR MAINTENANCE OF WAY FACILITIES AND TRAINSET MAINTENANCE FACILITIES ARE SHOWN ON THE VOLUME 3 DRAWINGS.

DESCRIPTION

ROADWAY NOTES:

- 1. EXISTING ROADWAY LOCATIONS ARE APPROXIMATE BASED ON AERIAL IMAGERY BACKGROUNDS.
- 2. PROPOSED ROADWAY WORKS, INCLUDING NEW ROADWAYS, RECONFIGURATION AND REALIGNMENTS OF EXISTING ROADWAYS, AND ROADWAY REMOVALS ARE CONCEPTUAL IN NATURE AND WERE DEVELOPED TO IDENTIFY GENERAL CONFIGURATION AND LOCATION FOR ENVIRONMENTAL IMPACT ANALYSES. ROADWAY WORKS WOULD BE DETAILED DURING FINAL DESIGN AND WOULD COMPLY WITH APPLICABLE STATE, CITY, COUNTY, OR LOCAL REQUIREMENTS.
- 3. SEE SHEET GEN-00-00011 FOR A KEY TO INFORMATION SHOWN ON ROADWAY PLAN DRAWINGS.
- 4. ROADWAY GEOMETRY IS BASED ON TXDOT ROADWAY DESIGN MANUAL. ROAD DESIGN SPEEDS MATCH EXISTING POSTED SPEED LIMITS OR MATCH DESIGN SPEED DETERMINED FROM TXDOT ROADWAY FUNCTIONAL CLASSIFICATION SPEED GUIDELINES, WHICHEVER IS GREATER.
- 5. SUPERELEVATION TRANSITION LENGTHS WERE NOT DETAILED IN ROADWAY APPROACH DESIGN
- 6. SEE DRAWINGS CVL-00-03030 TO CVL-00-03034B FOR TYPICAL ROADWAY CROSS SECTIONS.
- 7. FOR SEGMENTS HN. WT, NW, EW, AND DS, ROADWAY REMOVALS ARE SHOWN ON RAIL PLAN AND PROFILE SHEETS, FOR SEGMENTS IH, NE, AND EE, ROADWAY REMOVALS ARE NOT SHOWN ON RAIL PLAN AND PROFILE SHEETS. REFER TO ROADWAY PLAN SHEETS IN VOLUME 4 FOR SEGMENT 2B, 3B, AND 4B
- 8. NOT ALL PRIVATE ROADS AND DRIVEWAYS ARE REPRESENTED ON THE RAIL PLAN AND PROFILE SHEETS.
- 9. THE CLEARANCE ENVELOPES SHOWN ON THE RAIL PLAN AND PROFILE SHEETS REPRESENT THE APPROXIMATE ROADWAY CLEARANCE ENVELOPE. THE BOTTOM OF THE CLEARANCE ENVELOPE REPRESENTS THE TOP OF THE ROADWAY PAVEMENT. CLEARANCE ENVELOPE DOES NOT INCLUDE ROADWAY STRUCTURAL ELEMENTS
- 10. ROADWAY ELEVATIONS FOR ROADWAY OVER RAILWAY CROSSINGS DO NOT REPRESENT THE PROPOSED ROADWAY ELEVATION, BUT RATHER THE MINIMUM HEIGHT REQUIRED FOR CLEARANCES, INCLUDING ALLOWANCES FOR ROADWAY STRUCTURAL ELEMENTS. SEE FCE REPORT FOR ADDITIONAL INFORMATION.
- 11. ROADWAY TYPICAL SECTIONS ACCOUNT FOR THE NECESSARY SPACE TO CONSTRUCT TEMPORARY ROADWAYS DURING CONSTRUCTION. CLOSE COORDINATION WITH ROADWAY AUTHORITIES, COMMUNITIES, AND EMERGENCY RESPONSE ENTITIES WOULD BE UNDERTAKEN DURING FINAL DESIGN AND CONSTRUCTION TO ENSURE ACCESS DURING THE CONSTRUCTION PHASE.
- 12. USE OF TXDOT RIGHT-OF-WAY FOR PERMANENT IMPROVEMENTS WILL REQUIRE THE APPROPRIATE APPROVAL FROM TXDOT.
- 13. PLANNED ROADS, SUCH AS MTFP ROADS IN HOUSTON, ARE SHOWN IN PROFILES IN VOLUME 2, BUT ARE NOT SHOWN IN PLAN IN VOLUME 2. AS THESE ROADS ARE PLANNED AND NOT EXISTING, THE AERIAL IMAGERY BACKGROUNDS DO NOT SHOW THESE ROADS. PLANNED ROADS ARE SHOWN IN THE FCE REPORT APPENDIX B: ROAD SEPARATION DATABASE.

TYPICAL SECTIONS NOTES:

- SECTIONS ILLUSTRATE TYPICAL REQUIREMENTS TO GUIDE CONCEPTUAL ENGINEERING DESIGN DEVELOPMENT, LOCATION SPECIFIC CONDITIONS WOULD ESTABLISH REQUIREMENTS AT EACH LOCATION AND OVERALL WIDTH OF LIMIT OF DISTURBANCE WOULD VARY AS IDENTIFIED ON DIMENSION LINES AND IN
- 2. OFFSET BETWEEN INFRASTRUCTURE ELEMENTS SUCH AS DISTANCE BETWEEN EMBANKMENT, FENCES, DRAINAGE SWALE, ACCESS ROAD, ETC. WOULD VARY BASED ON LOCAL REQUIREMENTS AND SITE SPECIFIC CONDITIONS.
- 3. TYPICAL ROADWAY DRAINAGE SYSTEM PROVIDED AS SHOWN IN TYPICAL SECTIONS. LOCATION SPECIFIC CONFIGURATION AND SIZE WOULD BE ADVANCED DURING MORE DETAILED DESIGN
- 4. LOCATION SPECIFIC CONDITIONS WOULD DICTATE FENCING REQUIREMENTS
- 5. EMBANKMENT HEIGHTS AND CUT DEPTHS VARY WITH SURROUNDING GRADE AND RAIL PROFILE ELEVATION
- 6. CRASH BARRIERS NOT SHOWN, LOCATION SPECIFIC CONDITIONS WILL DICTATE CRASH BARRIER REQUIREMENTS TO ENSURE SAFETY AND TO SATISFY APPLICABLE REGULATORY REQUIREMENTS.
- SUBSURFACE GROUND IMPROVEMENTS ARE NOT SHOWN AND WILL BE BASED ON SITE SPECIFIC
- 8. RAIL HEIGHT VARIES WITH SURROUNDING GRADE AND RAIL PROFILE. THE BOTTOM OF SUBBALLAST SHALL BE NO LESS THAN 2FT ABOVE 100 YEAR FLOODPLAIN.

UTILITIES NOTES:

D. THOMPSON

D. THOMPSON

R BURNS

C. TAYLOR

02/25/2019

- REFER TO THE FCE REPORT FOR A LIST OF MAJOR UTILITY CROSSINGS, THEIR ASSUMED SIZE, AND ASSOCIATED LOCATIONS ALONG THE ALIGNMENT.
- 2. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION RECEIVED, AS DOCUMENTED IN THE FINAL CONCEPTUAL ENGINEERING REPORT
- 3. NO FIELD SURVEYS HAVE BEEN CONDUCTED TO LOCATE AND VERIFY UTILITY LOCATIONS.
- 4. NOT ALL EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN. REFER TO THE FCE REPORT FOR MAJOR UTILITIES INCLUDED IN PROJECT MAPPING.
- 5. LOD NOT SHOWN FOR UTILITIES THAT ARE NOT IMPACTED BY THE ALIGNMENT. ONLY MAJOR UTILITIES THAT ARE PROTECTED, RELOCATED OR ELEVATED ARE SHOWN ON THE PLAN AND PROFILE VIEW, REFER TO DRAWING NO. CUT-00-0100 FOR TYPICAL UTILITY CROSSING DETAILS. UTILITY LODS FOR FUTURE PROPOSED CONNECTIONS TO TPSS FACILITIES ARE SHOWN.
- 6. FOR PARALLEL TRANSMISSION LINE CROSSINGS OVER NEW ELEVATED ROADWAYS, A LOD IS SHOWN ON THE PLAN ONLY. REFER TO DRAWING NO. CUT-00-0100 FOR TYPICAL UTILITY CROSSING DETAILS.
- MANY UTILITY CONFLICTS ALONG THE HEMPSTEAD ROAD CORRIDOR IN HOUSTON WOULD BE RESOLVED DURING FINAL DESIGN. A CONTINUOUS LOD IS SHOWN ON THE DRAWINGS TO REPRESENT THAT UTILITIES WOULD BE RELOCATED ON ONE OR BOTH SIDES OF THE ROADWAY AS REQUIRED. ALL WORK WOULD BE COORDINATED WITH UTILITY PROVIDERS TO MINIMIZE IMPACTS AND COORDINATE WITH OTHER PLANNED UTILITY PROJECTS ALONG CORRIDOR.
- 8. FOR UTILITY WORK REQUIRED BY UTILITY COMPANIES, EACH UTILITY OWNER WOULD DEVELOP THE DESIGN IN ACCORDANCE WITH APPLICABLE DESIGN STANDARDS AND REGULATORY AGENCY REVIEW PROCESSES.

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2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 Texas Registered Engineering Firm: F-2144



DATE

www.arup.com Texas Registered Engineering Firm: F-1990

DRAINAGE NOTES:

- PROPOSED DETENTION BASIN LO INTENDED FOR PRELIMINARY PLA SPECIFIC CONFIGURATIONS WOU APPLICABLE REQUIREMENTS.
- 2. EXISTING CULVERTS ARE NOT SH
- PROPOSED TRACK AND ROADWAY З. IN ACCORDANCE WITH APPLICABI PROPOSED CONFIGURATIONS.
- 4. EXISTING STORMWATER FACILITI
- 5 TEXAS COMMISSION ON ENVIRON STORMWATER RUNOFF AND PROT
- 6. CONSTRUCTION OF THE RAIL MAY IMMEDIATELY ADJACENT TO THE A FULL RELOCATION OF THE PON THE FULL RELOCATION OF THE P COORDINATION WITH LANDO LANDOWNER PREFERENCES.

STRUCTURES GENERAL NOTE

- 1. TYPICAL SECTIONS WERE DEVE STRUCTURAL ELEMENTS. TYPIC ENVIRONMENTAL ANALYSIS.
- 2. APPROXIMATE HSR VIADUCT AND TO SUPPORT ENVIRONMENTAL REFINED DURING FINAL DESIGN
- 3. PLAN AND PROFILE DRAWINGS I STRUCTURAL DESIGN WOULD B APPLICABLE REQUIREMENTS WOULD BE DEVELOPED TO MIT
- 4. HSR PROFILE WAS DEVELOPED 100 YEAR FLOOD LEVEL TO BRID WOULD BE DEVELOPED TO MEE
- SPECIAL STRUCTURES WOULD B ISSUES SUCH AS LONG SPANS, IMPACTS. THE CONSTRUCTABIL PROFILE DRAWINGS IDENTIFY A AREAS FOR SPECIAL STRUCTUR

SYSTEMS GENERAL NOTES:

- 1. SYSTEMS SCHEMATICS, SHOWN SYSTEMS FACILITIES THAT HAVE
- 2 AREA FOR SYSTEMS FACILITY S GENERICALLY CALLED OUT AS REPORT TO DETERMINE THE SP
- 3. TYPICAL LAYOUT PLANS FOR EA HROUGH SYS-00-01006
- 4. LOD DEVELOPED FOR ENVIRON DRIVEWAY AND SPACE TO PARK
- 5. SYSTEMS BUILDINGS WOULD BE CONDITIONS, BE CONTEXT SENS COMMUNICATION FACILITIES WO
- TPSS WOULD BE CONNECTED TO PROVIDER AND SUBJECT TO ENV

FACILITY NOTES:

2. ALL FACILITIES WOULD BE POWE 3. ACCESS, SECURITY, AND UTILITY

DURING FINAL DESIGN.

- CONSTRUCTION CONSIDERAT CONSTRUCTION REQUIREMENTS V ENGINEERING AND ARE DOCUMEN
- 2 TEMPORARY CONSTRUCTION ARE

к	L	М	N	0	Р							
AIN/	AGE NOTES:											
	PROPOSED DETENTION BASIN LOCATIONS AND INTENDED FOR PRELIMINARY PLANNING AND E SPECIFIC CONFIGURATIONS WOULD BE DEVEL APPLICABLE REQUIREMENTS.	NVIRONMENTAL IMPAC	T ANALYSIS PURPOSES ONLY	Y. SITE								
	EXISTING CULVERTS ARE NOT SHOWN.											
	PROPOSED TRACK AND ROADWAY STORMWATER DRAINAGE WOULD BE DEVELOPED DURING FINAL DESIGN IN ACCORDANCE WITH APPLICABLE REQUIREMENTS. REFER TO TYPICAL SECTION DRAWINGS FOR PROPOSED CONFIGURATIONS. EXISTING STORMWATER FACILITIES ARE NOT SHOWN.											
	EXISTING STORMWATER FACILITIES ARE NOT S TEXAS COMMISSION ON ENVIRONMENTAL QUA											
	STORMWATER RUNOFF AND PROTECTION OF E	EXISTING WATER RESO	URCES.									
	CONSTRUCTION OF THE RAIL MAY REQUIRE THE RECONFIGURATION OF PONDS OR STOCK TANKS IMMEDIATELY ADJACENT TO THE RAIL CORRIDOR. IN CASES WHERE THE CURRENT DESIGN NECESSITATES A FULL RELOCATION OF THE POND ALLOWANCES HAVE BEEN MADE WITHIN THE LOD. IN CASES WHERE THE FULL RELOCATION OF THE POND IS NOT REQUIRED UNDER THE CURRENT DESIGN, ADDITIONAL COORDINATION WITH LANDOWNER WILL BE UNDERTAKEN TO DEVELOP IMPROVEMENTS CONSIDERING LANDOWNER PREFERENCES.											
rru	CTURES GENERAL NOTES:											
1.	TYPICAL SECTIONS WERE DEVELOPED TO IDE STRUCTURAL ELEMENTS. TYPICAL SECTIONS ENVIRONMENTAL ANALYSIS.											
2.	APPROXIMATE HSR VIADUCT AND BRIDGE STF TO SUPPORT ENVIRONMENTAL IMPACT ANALY REFINED DURING FINAL DESIGN.											
3.	PLAN AND PROFILE DRAWINGS DO NOT SHOW STRUCTURAL DESIGN WOULD BE DEVELOPEC APPLICABLE REQUIREMENTS. DESIGN OF FOI WOULD BE DEVELOPED TO MITIGATE ANY IMP	DURING FINAL ENGIN UNDATIONS, ABUTMEN	EERING IN ACCORDANCE WIT TS, PIERS AND OTHER STRUC	H CTURES								
4.	HSR PROFILE WAS DEVELOPED TO PROVIDE # 100 YEAR FLOOD LEVEL TO BRIDGE SOFFIT FO WOULD BE DEVELOPED TO MEET OR EXCEED	OR RIVER AND FLOODP										
5.	SPECIAL STRUCTURES WOULD BE REQUIRED ISSUES SUCH AS LONG SPANS, CROSSOVER S IMPACTS. THE CONSTRUCTABILITY REPORT I PROFILE DRAWINGS IDENTIFY ADDITIONAL LO AREAS FOR SPECIAL STRUCTURES.	STRUCTURES, AND STR DENTIFIES SPECIAL ST	RADDLE BENTS TO AVOID OR RUCTURE LOCATIONS. PLAN	MITIGATE AND								
<u>YSTE</u>	EMS GENERAL NOTES:											
1.	SYSTEMS SCHEMATICS, SHOWN ON SHEETS S SYSTEMS FACILITIES THAT HAVE BEEN INCLU			IONS OF								
2.	AREA FOR SYSTEMS FACILITY SITES HAVE BE GENERICALLY CALLED OUT AS "RAIL SYSTEMS REPORT TO DETERMINE THE SPECIFIC FACILI	S SITES" ON THE PLAN	AND PROFILE SHEETS. REFER									
3.	TYPICAL LAYOUT PLANS FOR EACH OF THE SY THROUGH SYS-00-01006.	YSTEMS FACILITIES AR	E INCLUDED IN SHEETS SYS-C	00-01000								
4.	LOD DEVELOPED FOR ENVIRONMENTAL IMPAG DRIVEWAY AND SPACE TO PARK A LIMITED NU			FOR A								
5.	SYSTEMS BUILDINGS WOULD BE DETAILED DU CONDITIONS, BE CONTEXT SENSITIVE, AND MI COMMUNICATION FACILITIES WOULD BE APPE	NIMIZE VISUAL IMPACT	THE RADIO MAST AT	EVATION.								
6.	TPSS WOULD BE CONNECTED TO THE NEARE PROVIDER AND SUBJECT TO ENVIRONMENTAL		ON LINES DESIGNED BY UTILIT	ΓY								
ACIL	ITY NOTES:											
	1. PROPOSED HSR FACILITIES WOULD INCLUDE STATIONS AND ASSOCIATED PARKING GARAGES, MAINTENANCE OF WAY (MOW) FACILITIES, TRAINSET MAINTENANCE FACILITIES (TMF), AND RAILWAY SYSTEMS SITES, INCLUDING TRACTION POWER SUPPLY FACILITIES, SIGNAL HOUSES, AND COMMUNICATIONS HOUSES. LOCATIONS, LIMITS OF DISTURBANCE, AND AREAS SHOWN FOR THE VARIOUS PROPOSED FACILITIES ARE FOR PRELIMINARY PLANNING PURPOSES ONLY.											
2. 3.	ALL FACILITIES WOULD BE POWERED FROM TH ACCESS, SECURITY, AND UTILITY PROVISION I			TAILED								
	DURING FINAL DESIGN.											
	TRUCTION CONSIDERATION NOTE											
1. 2.	CONSTRUCTION REQUIREMENTS WERE CONSIDE ENGINEERING AND ARE DOCUMENTED IN THE PR TEMPORARY CONSTRUCTION AREAS REQUIRED PRECASTING FACILITIES WERE IDENTIFIED DURIN	OJECT CONSTRUCTABI	ITY REPORT.									
3.	PRECASTING FACILITIES WERE IDENTIFIED DURIN CONSTRUCTION STAGING AREAS AND PRECAST SPECIAL STRUCTURES REQUIRED TO MITIGATE I LONG SPANS, CROSSOVER STRUCTURES, AND S	FACILITIES ARE INCLUD	ED IN THE PROJECT LOD. NIQUE SITE SPECIFIC ISSUES S	SUCH AS								
4.	REPORT. MEASURES REQUIRED TO MITIGATE NOISE, TRAF	FIC, AND OTHER ENVIRG	DNMENTAL IMPACTS WOULD BE	E								
	4. MEASURES REQUIRED TO MITIGATE NOISE, TRAFFIC, AND OTHER ENVIRONMENTAL IMPACTS WOULD BE IDENTIFIED THROUGH THE ENVIRONMENTAL ANALYSES, MORE DETAILED DESIGN INCLUDING DEVELOPMENT OF MAINTENANCE AND PROTECTION OF TRAFFIC AND OTHER CONSTRUCTION SPECIFIC PLANS AND PROCEDURES WOULD BE REQUIRED TO SECURE APPLICABLE PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.											
	DALLAS TO HOUSTON HIGH-SPEED RAIL FINAL CONCEPTUAL ENGINEERING	- Drawing Title		Scale NO SCALE								
5	TEXAS		GENERAL	Drawing Status	FINAL							
	CEN I RAL 1409 South Lamar Street, Suite 1022, Dallas Texas 752	215	NOTES		wing No Rev GEN-00-00008 01							

	 <u>ABBREV</u>	IATIONS					.	LEGEND		
ALT ALIGN	ALTERNATE ALIGNMENT APPROXIMATE		SC SH	SPIRAL CURVE STATE HIGHWAY	PLAN	l				
APPROX ATP AVE	APPROXIMATE AUTOTRANSFORMER POST AVENUE		SC SH SO SSH SSP ST STA	SIDING OFF SECTIONING POST SUB-SIGNAL HOUSE SUB-SECTIONING POST STREET, SPIRAL TO TANGENT				_		
BLVD BNSF BOT	BOULEVARD BURLINGTON NORTH SANTE FE RA BOTTOM		STA STD SYM	STREET, SPIRAL TO TANGENT STATION STANDARD SYMMETRICAL			NORTH ARROW			TEMPORARY CONSTRUCTION AREA
CH CO RD CL	COMMUNICATION HOUSE COUNTY ROAD CENTERLINE		TBD TCEQ	TO BE DETERMINED TEXAS COMMISSION ON ENVIRONMENTAL				, L	·	UTILITY LIMIT OF DISTURBANCE (LOD)
Q CLSM CO CR CS	CENTERLINE CONTROLLED LOW STRENGTH MA COUNTY COUNTY ROAD		TEMP THFN TMF	QUALITY TEMPORARY TEXAS HIGHWAY FREIGHT NETWORK TRAINSET MAINTENANCE FACILITY TRACTION POWER SUBSTATION			CITY / COUNTY BOUNDARY LINE			
CS CVL DIA	CURVE TO SPIRAL CIVIL DIAMETER		TPSS TS TYP TOR	TRACTION POWER SUBSTATION TANGENT SPIRAL TYPICAL TOP OF RAIL		FOR CONTINUATION SEE SHEET XXX	MATCH LINE	Ĺ	I	RAIL SYSTEMS SITE
DIST DR DRG	DISTANCE, DISTRICT DRIVE DRAWING DALLAS SEGMENT		US UPRR	UNITED STATES, UNITED STATES HIGHWAY UNION PACIFIC RAILROAD			CONCEPTUAL ENGINEERING			DETENTION BASIN
DS DSN DSS DT	DALLAS SEGMENT NORTH DALLAS SEGMENT SOUTH DALLAS TERMINUS SEGMENT		VAR VERT, V	VARIABLE VERTICAL		10+00	LIMITS OF DISTURBANCE (LOD)			BUILDING TO BE DEMOLISHED
DWY Ea EE	DRIVEWAY ACTUAL SUPERELEVATION ELLIS EAST SEGMENT		WB WT XING	WESTBOUND WEST OF TEAGUE CROSSING		-+ + +	PROPOSED CENTERLINE OF HIGH-SPEED RAIL WITH STATIONING			
LECT LEV MB	ELECTRIC ELEVATION EMBANKMENT ENGINEER		YR	YEAR			EDGE OF VIADUCT			
ENGR EPA ERMSA Eu	ENVIRONMENTAL PROTECTION A EMERGENCY RESPONSE AND MAI UNBALANCED SUPERELEVATION	GENCY NTENANCE STAGING ARE	EA				PROPOSED ROADWAY			RAIL ON EMBANKMENT (FILL)
EW EXIST, EX. EXT	ELLIS WEST SEGMENT EXISTING EXTERIOR						EDGE OF PAVEMENT			
DN EMA G IG	FOUNDATION FEDERAL EMERGENCY MANAGEM FINISHED GRADE FIGURE	IENT AGENCY				420	CONTOURS			RAIL IN CUT
L M RS	FLOW LINE FARM TO MARKET ROAD FREIGHT RAIL SIDING					eee	EXISTING TRANSMISSION LINE			
"G WY	FOOTING FREEWAY GRADIENT GENERAL					xxx	FENCE			
EN N	GENERAL HEIGHT, HIGHWAY BRIDGE HOUSTON SEGMENT									
NN NS ORIZ, H	HOUSTON SEGMENT NORTH HOUSTON SEGMENT SOUTH HORIZONTAL HIGHWAY RETAINING WALL					······································	RETAINING WALL			
RW SR T WY	HIGH WAY RETAINING WALL HIGH SPEED RAIL HOUSTON TERMINUS SEGMENT HIGHWAY						CULVERT			
IH ISH	INTERSTATE HIGHWAY INTERMEDIATE SIGNAL HOUSE									
JRC KV	CENTRAL JAPAN RAILWAY COMPA KILOVOLT	NY								
L LN LOD	LENGTH LANE LIMITS OF DISTURBANCE				PRO	FILE				
.VC ИАІNT ИАХ	LENGTH OF VERTICAL CURVE MAINTENANCE MAXIMUM									
AOW AIN AISC APH	MAINTENANCE-OF-WAY MINIMUM MISCELLANEOUS MILES PER HOUR						TOP OF RAIL			
MSH MTFP NB	MAIN SIGNAL HOUSE (CITY OF HOUSTON) MAJOR THOF	OUGHFARE AND FREEW	/AY PLAN			~~	EXISTING GROUND	$\square \square \square$		
NE NED NHD	NORTHBOUND NAVARRO EAST SEGMENT NATIONAL ELEVATION DATASET NATIONAL HYDROGRAPHY DATAS	ET					FEMA 100 YR FLOOD LEVEL	μ _μ μ		
NLCD NO. NTS N/A	NATIONAL LAND COVER DATASET NUMBER NOT TO SCALE NOT APPLICABLE					-		CROSSING CROSSING		
ŃW NWI NWIH	NAVARRO WEST SEGMENT, NOISI NATIONAL WETLANDS INVENTOR PORTION OF NAVARRO WEST ASS	Y	GMENT				VIADUCT ABUTMENT AND STRUCTURE SOFFIT	EXISTING PROPOSED		
DCS DD DG	OVERHEAD CATENARY SYSTEM OUTSIDE DIAMETER ORIGINAL GRADE							8 0		
OH OPP PKWY	OVERHEAD OPPOSITE PARKWAY						UTILITY CROSSING			
POB POE PVMT PVC	POINT OF BEGINNING POINT OF END PAVEMENT POINT VERTICAL CURVATURE					bberrine.				
PVI PVT R	POINT VERTICAL INTERSECTION POINT VERTICAL TANGENT RADIUS, RAIL BRIDGE									
к RD RDWY	ROAD ROADWAY RANCH TO MARKET ROAD									
RM	RIGHT OF WAY RAILROAD ROUTE RAILWAY									
RM ROW RR, R/R RTE RWY										
RM ROW RR, R/R RTE										
RM ROW RR, R/R RTE						D. THOMPSON RAWN BY	ARU	D	FREE!	DALLAS TO HOUSTO FINAL CONCEPTU
RM ROW RR, R/R RTE						D. THOMPSON		ľ I		ÎS 🦱
RM ROW RR, R/R RTE					[D. THOMPSON HECKED BY R. BURNS	Arup Texas, Inc. 10370 Richmond Ave., Sult	e 475 2	711 North Haskell Ave., Suite 3300	
RM ROW RR, R/R RTE	REV DATE	BY CHK APP		DESCRIPTION] 2 	D. THOMPSON HECKED BY	Arup Texas, Inc.	e 475 2 A D 13) 343 1467 Tr		

M N O P	

NOTE:

1. FOR ADDITIONAL DETAIL REGARDING INFORMATION SHOWN ON DRAWINGS. SEE RAIL ANNOTATION TO CLARRY DESISN INTENT, DRAWING GEN400010. FOR SEGMENTS IH, N.E. AND EE, SEE ROAD ANNOTATION TO CLARIFY DESIGN INTENT, DRAWING GEN4000011.

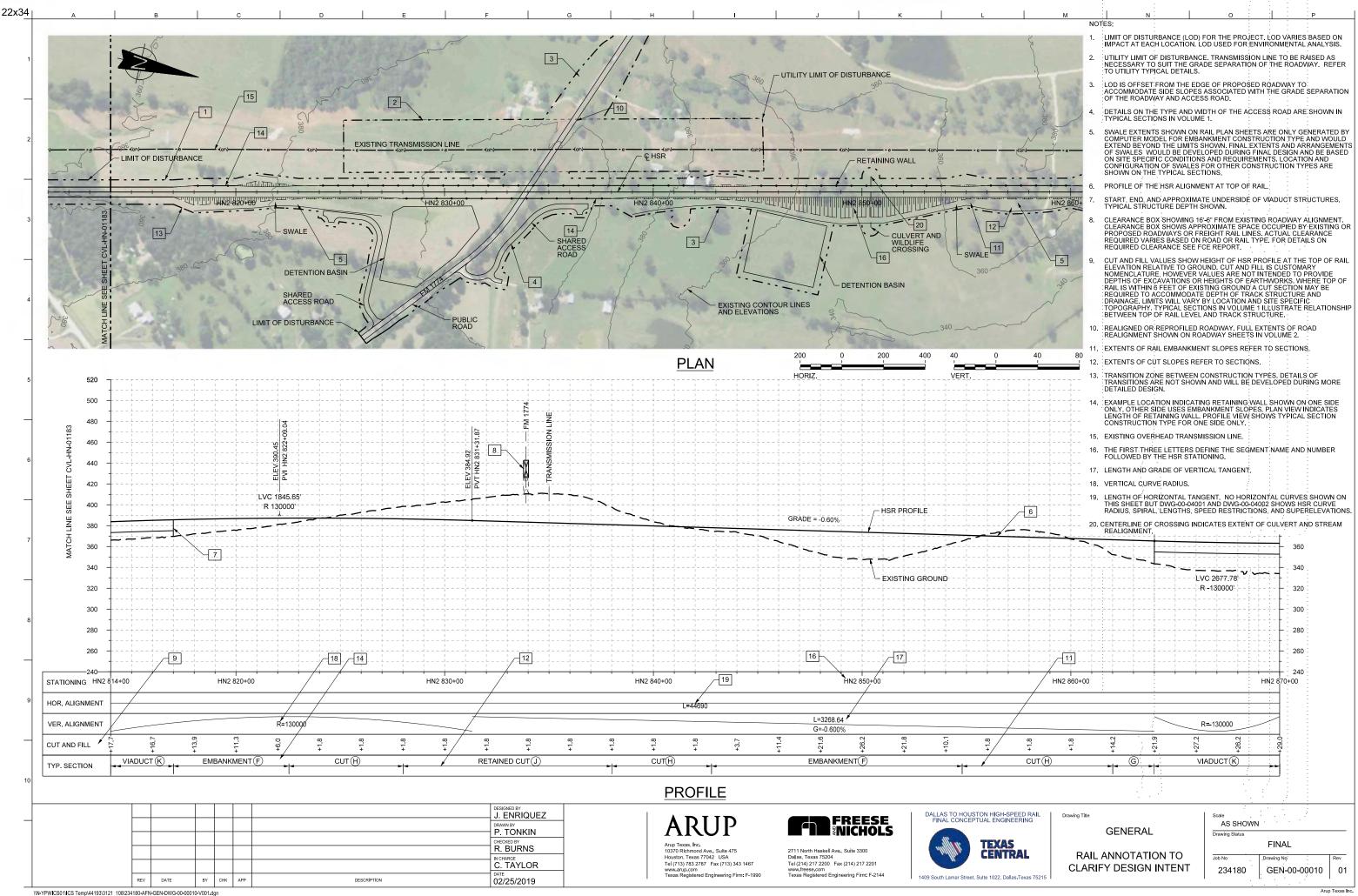
N HIGH-SPEED RAIL AL ENGINEERING Drawing Title



te 1022, Dallas.Texas 75215

GENERAL ABBREVIATIONS AND LEGEND

^{Scale} NO SCALE							
Drawing Status							
FINAL							
Job No	Drawing No	Rev					
234180	GEN-00-00009	01					



VOLUME 2B RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS (SEGMENTS IH, NE, EE)

								VC	OLUMES.				
							FREESE	DALLAS TO HOUSTON HIGH-SPEED RAIL FINAL CONCEPTUAL ENGINEERING	Drawing Title		Scale		
	_				D. THOMPSON	ARUP		FINAL CONCEPTUAL ENGINEERING			NO SCALE Drawing Status		
						Arup Texas, Inc. 10370 Richmond Ave., Sulte 475	2711 North Haskell Ave., Suite 3300	TEXAS	GI	ENERAL		FINAL	
	_					Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467	Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201	CENTRAL			Job No	Drawing No	Rev
REV DATE	BY	снк	APP	DESCRIPTION	DATE 2/25/2019	www.arup.com Texas Registered Engineering Firm: F-1990	www.freese.com Texas Registered Engineering Firm: F-2144	1409 South Lamar Street, Suite 1022, Dallas Texas 75215			234180	GEN-00-0000	01

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AFTER RELEASE OF THE DRAFT EIS (DEIS), WHICH IDENTIFIED ALTERNATIVE A AS THE PREFERRED ALTERNATIVE, ADDITIONAL DESIGN DEVELOPMENT AND REFINEMENT OF ALTERNATIVE A WAS UNDERTAKEN TO MITIGATE IMPACTS AND TO IMPROVE CONSTRUCTABILITY. THIS REPORT ADDRESSES THE REFINED DESIGN APPROACHES AND DETAILS FOR THE SEGMENTS IN BUILD ALTERNATIVE A. FOR ALL OTHER SEGMENTS NOT A PART OF THE PREFERRED ALTERNATIVE (ELLIS EAST, NAVARRO EAST, AND IH-45 SEGMENTS), NO CHANGES TO DESIGN WERE ADVANCED OTHER THAN ALIGNMENT REVISIONS REQUIRED TO ACCOUNT FOR ALIGNMENT REVISIONS ADVANCED IN ALTERNATIVE A. TO FACILITATE COMPARISON FOR IMPACT ANALYSIS, THE APPENDICES TO THE FCE REPORT INCLUDES ALL SEGMENTS. THE DRAWING SET HAS BEEN ORGANIZED INTO VOLUMES 1A-5A AND 1B-5B, WITH THE PREFERRED ALTERNATIVE DESIGN DRAWINGS INCLUDED IN THE 1A-5A VOLUMES

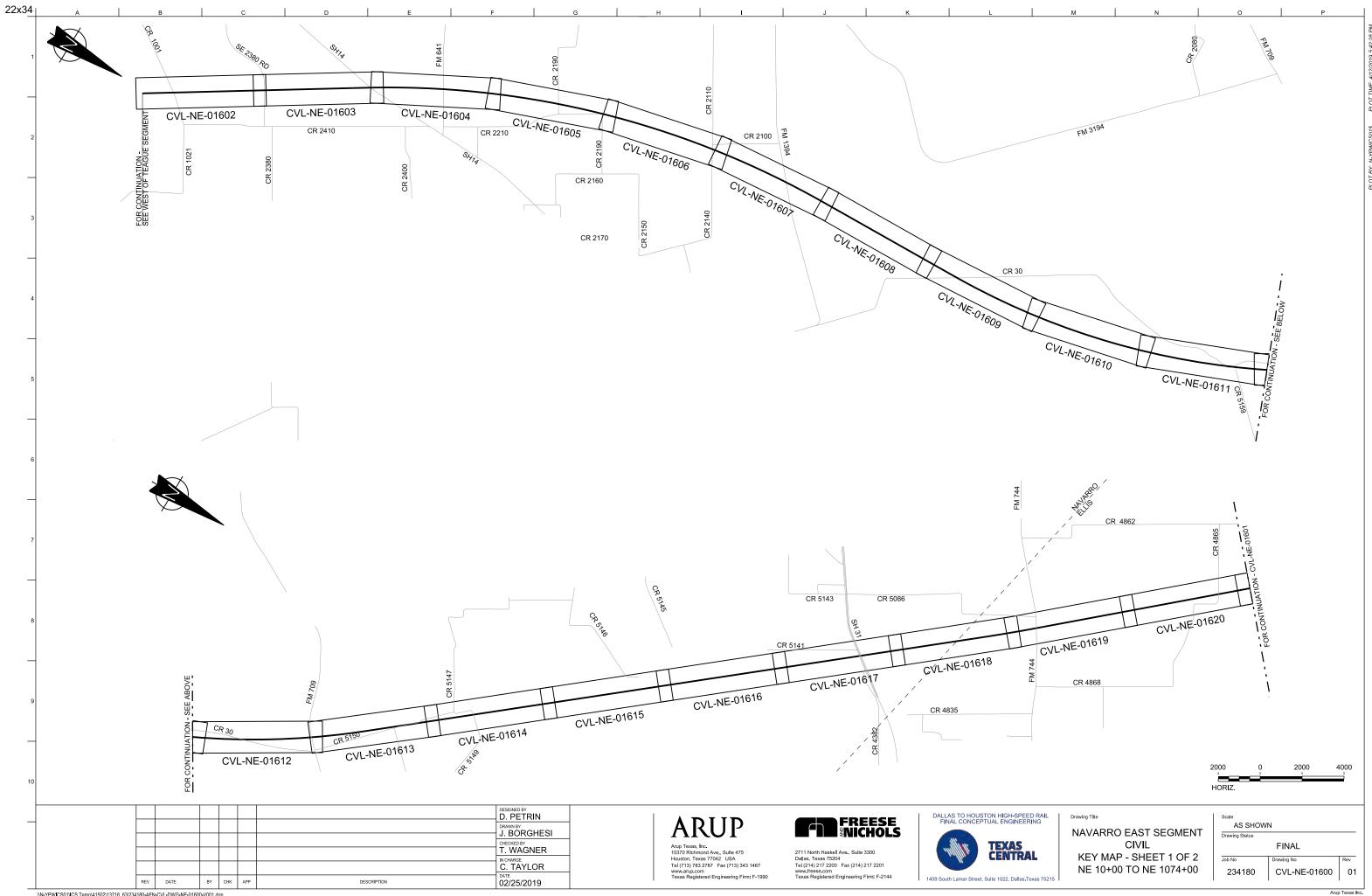
2B-2 NAVARRO EAST SEGMENT

L										
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							CHECKED BY	Arup Texas, Inc.		illin
								10370 Richmond Ave., Sulte 475 Houston, Texas 77042 USA	2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204	.ndlln
								Tel (713) 783 2787 Fax (713) 343 1467 www.arup.com Texas Registered Engineering Firm: F-1990	Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com Texas Registered Engineering Firm: F-2144	
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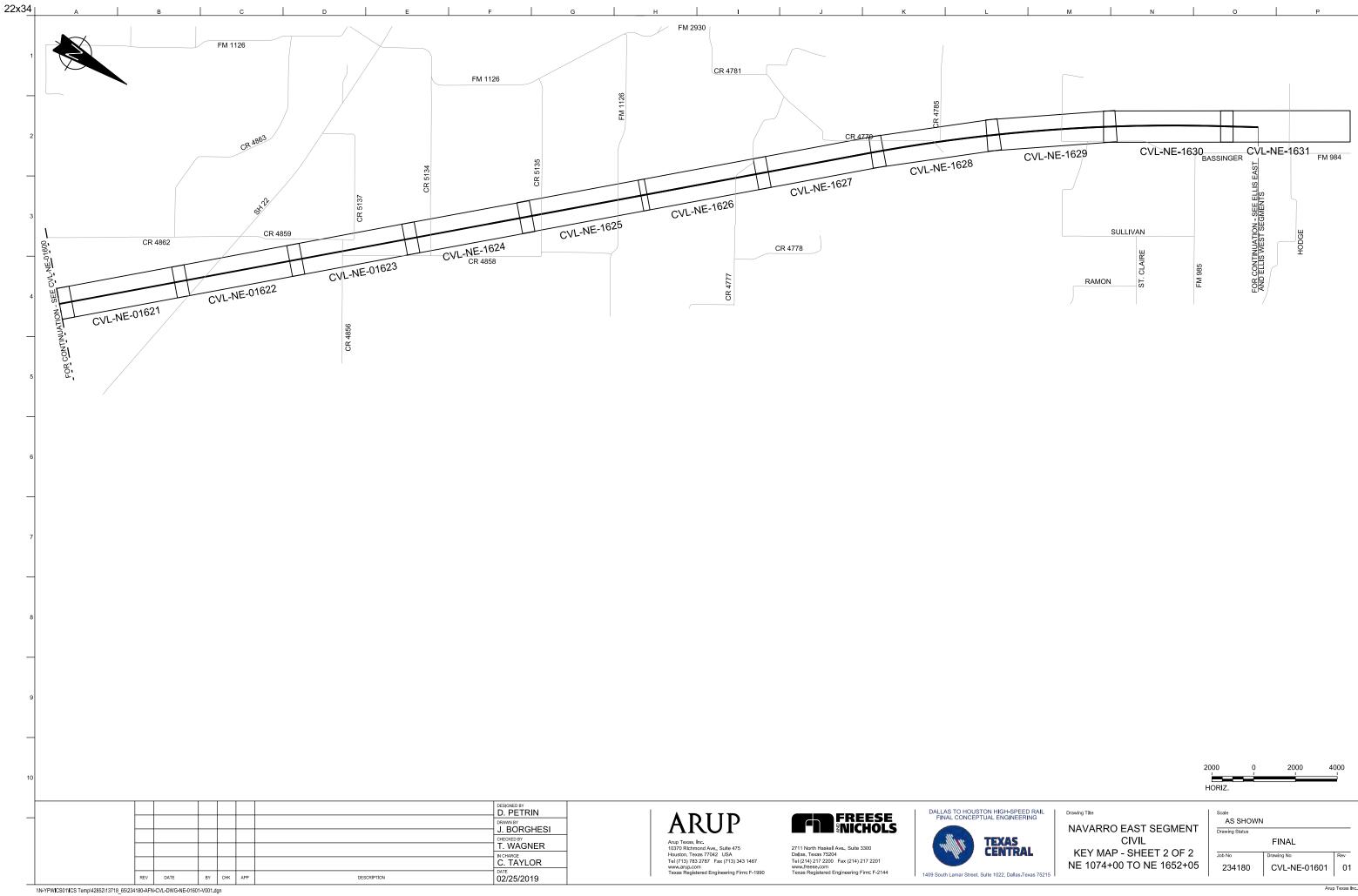
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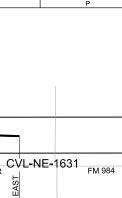
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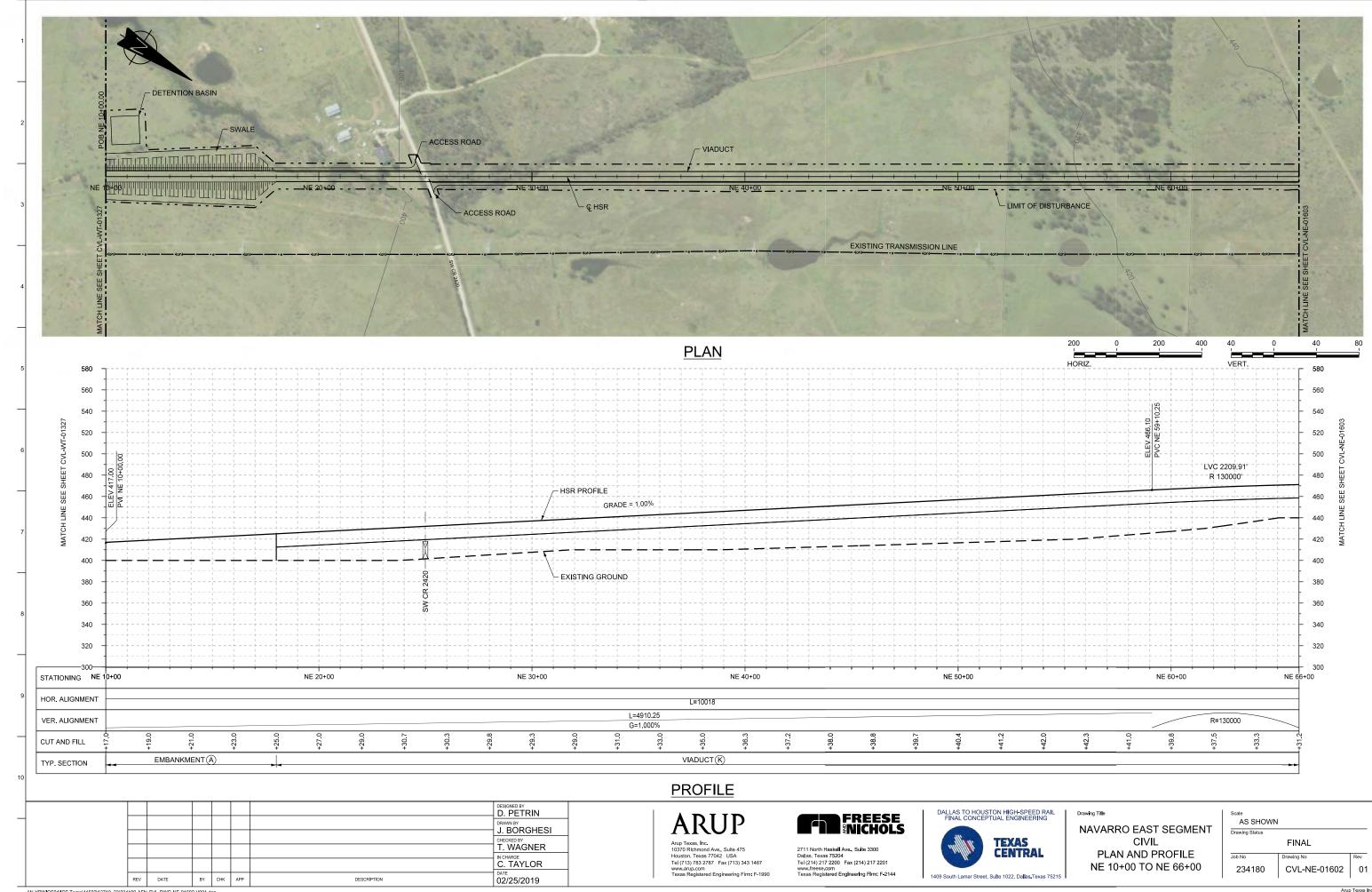


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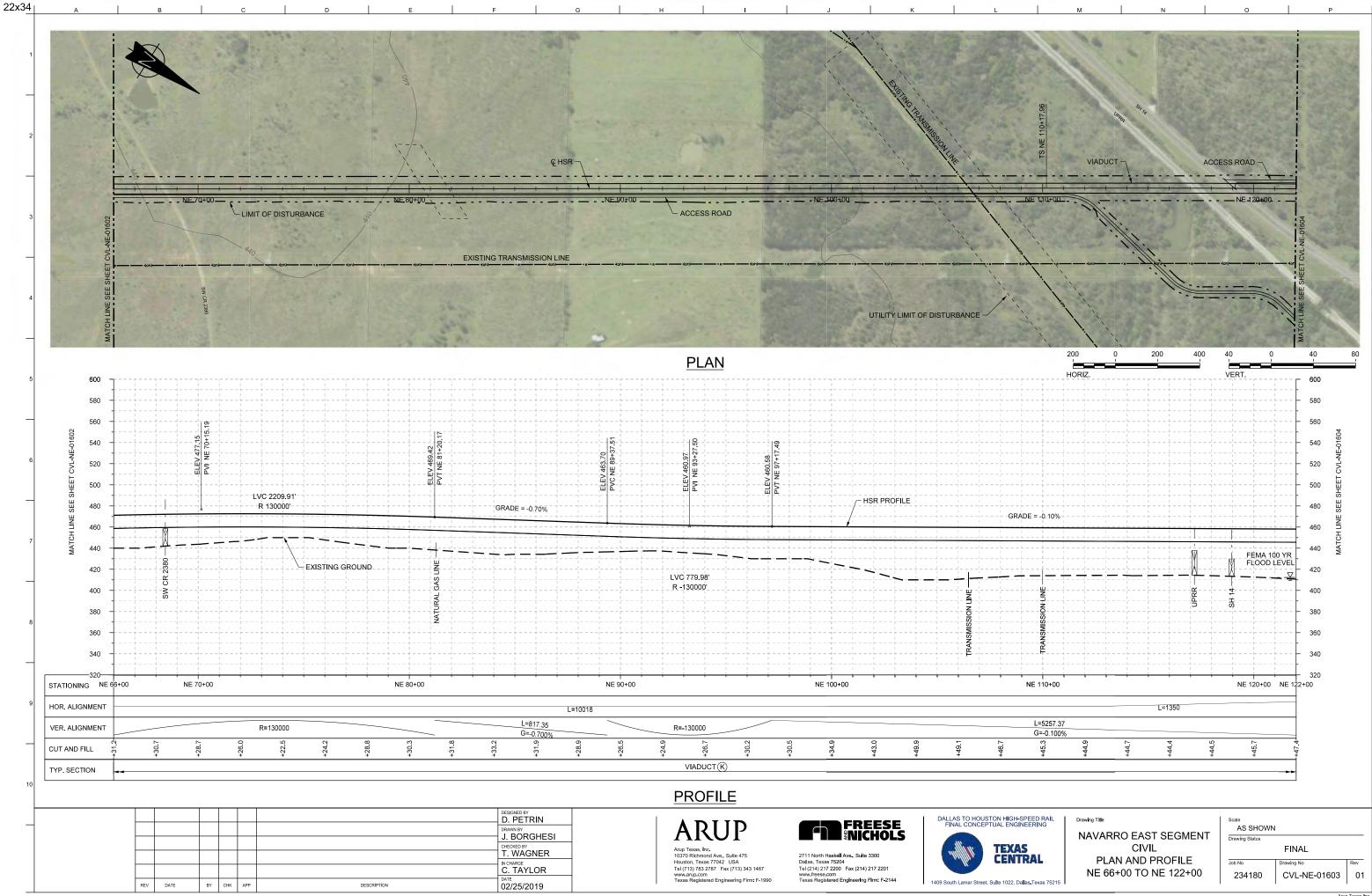
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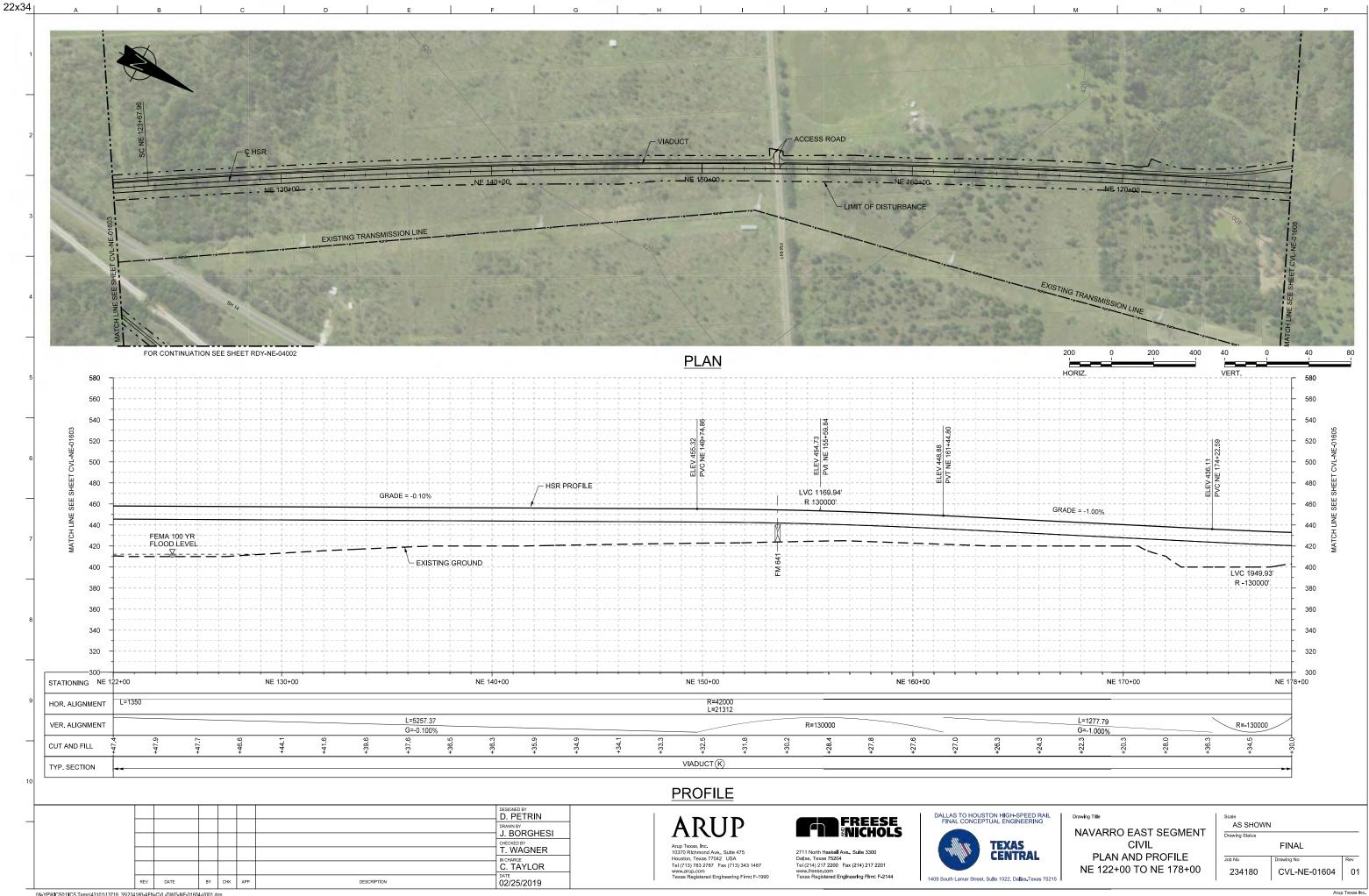
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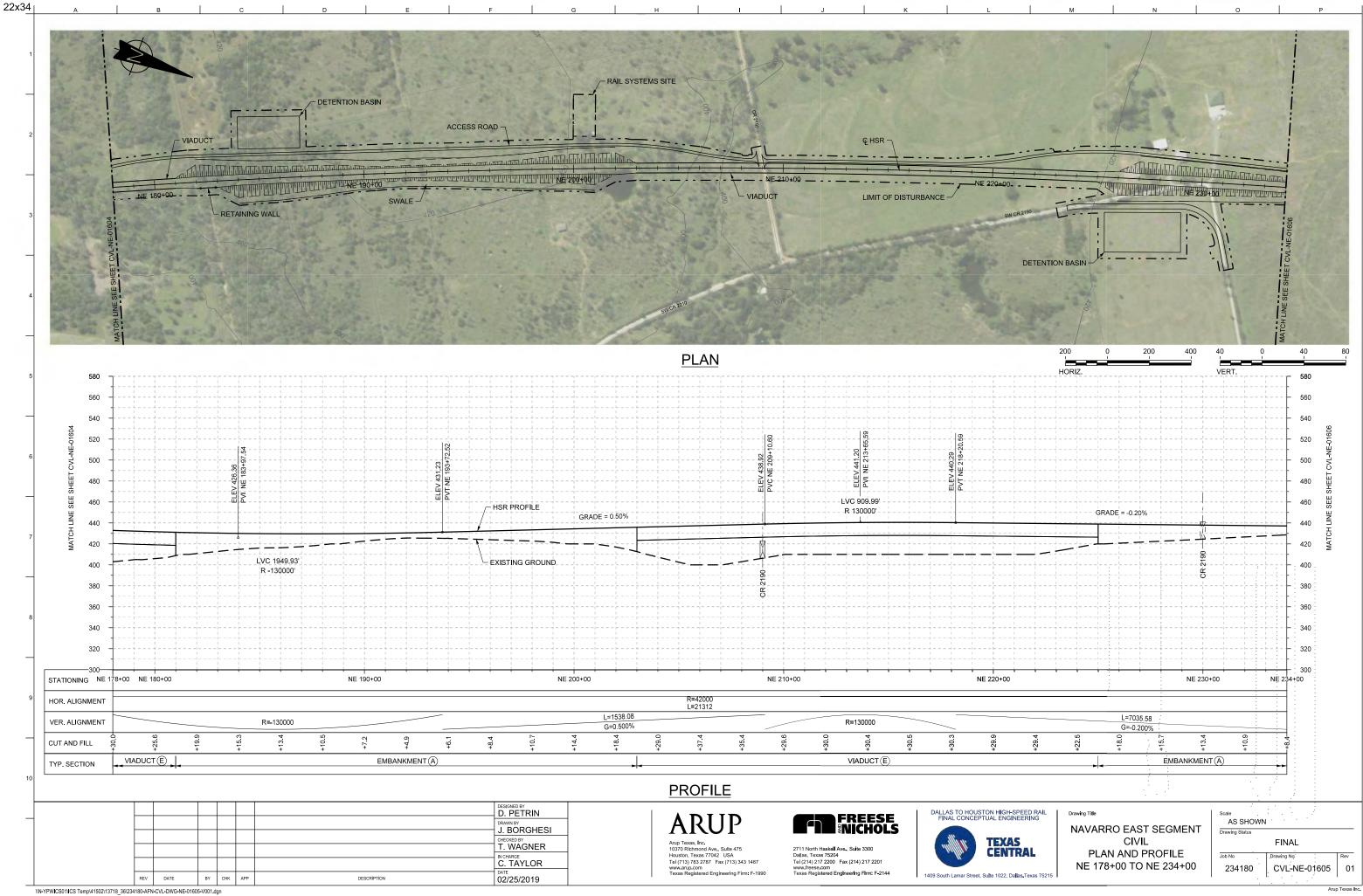


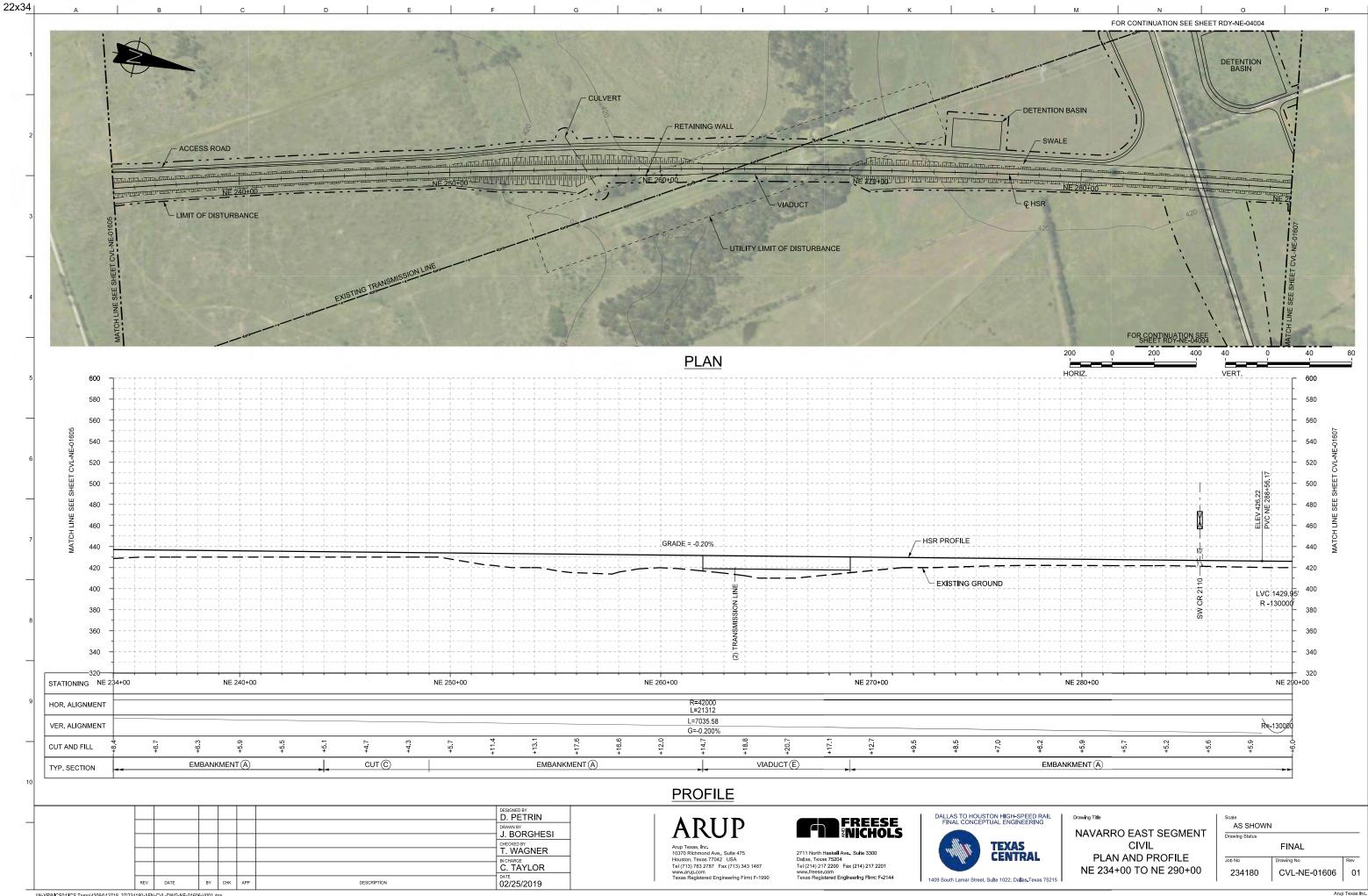
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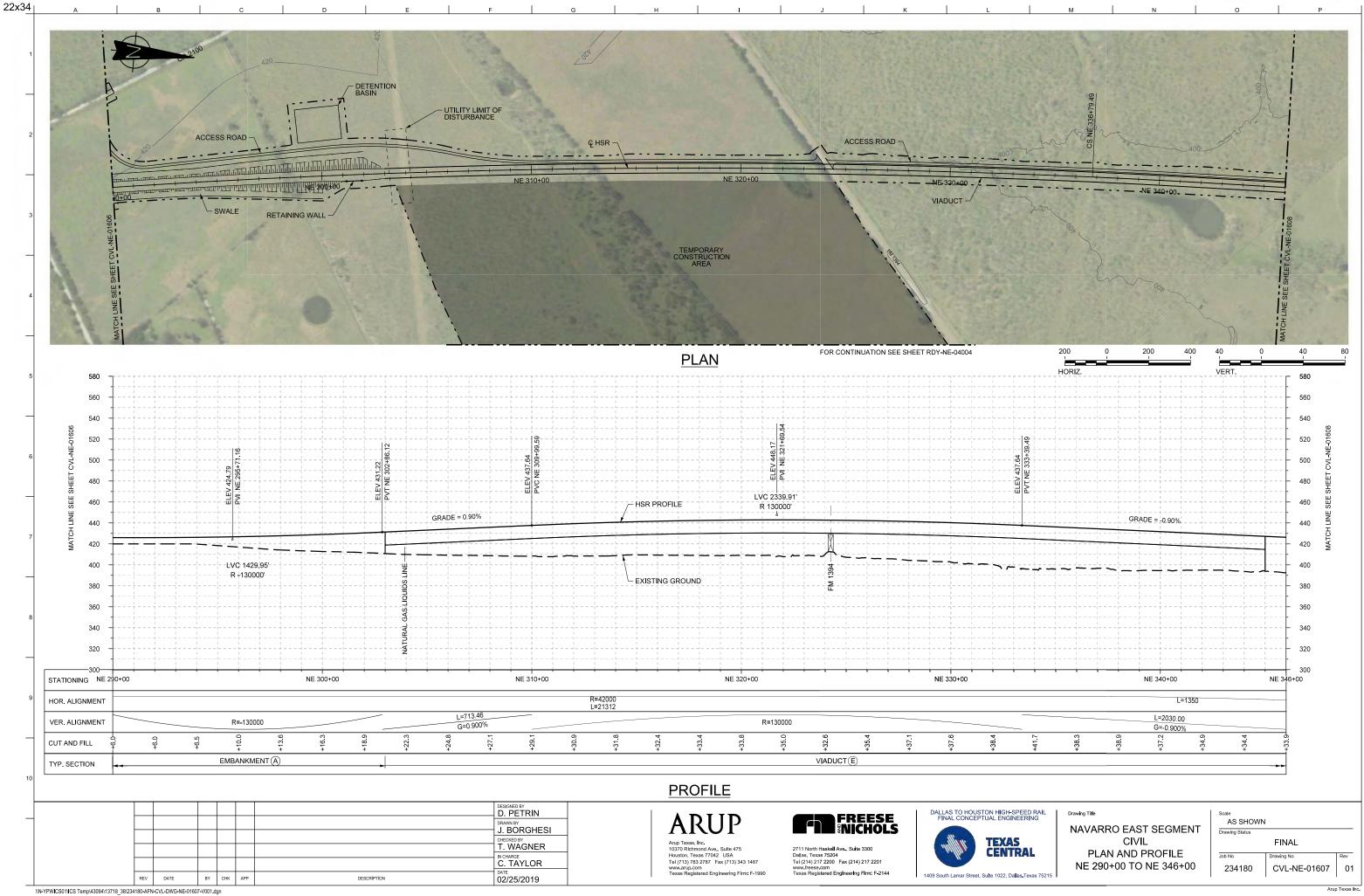


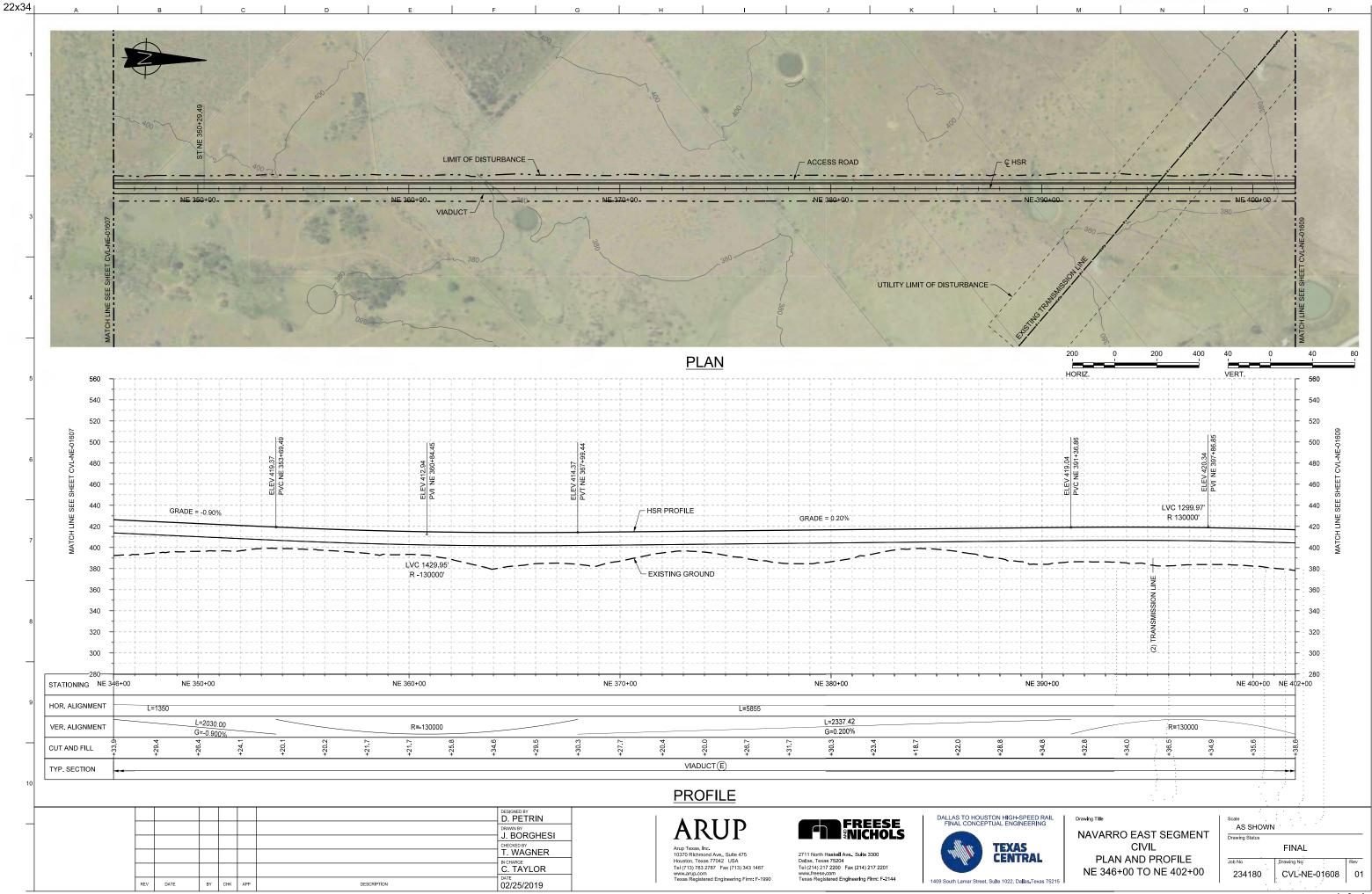
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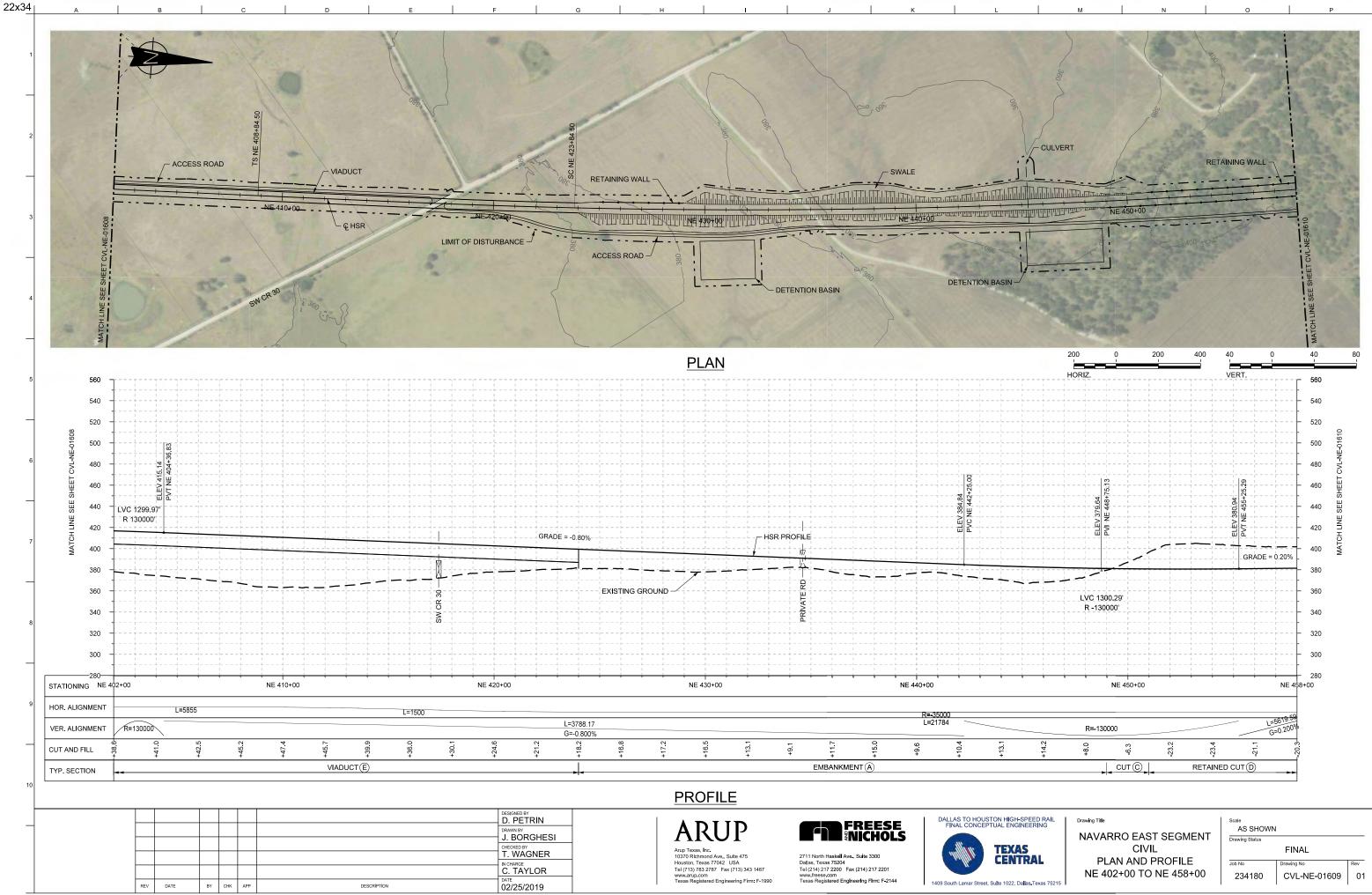


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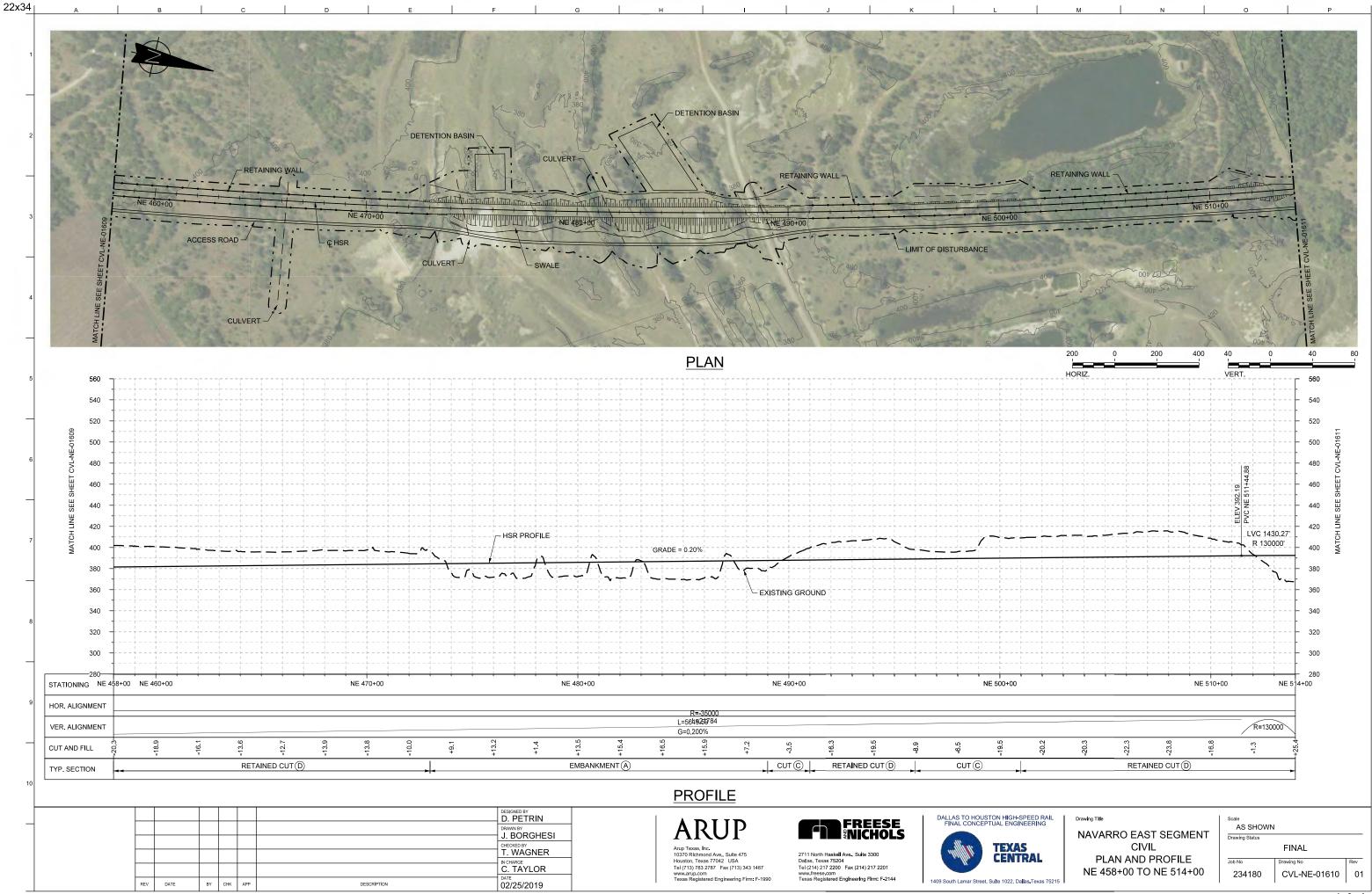




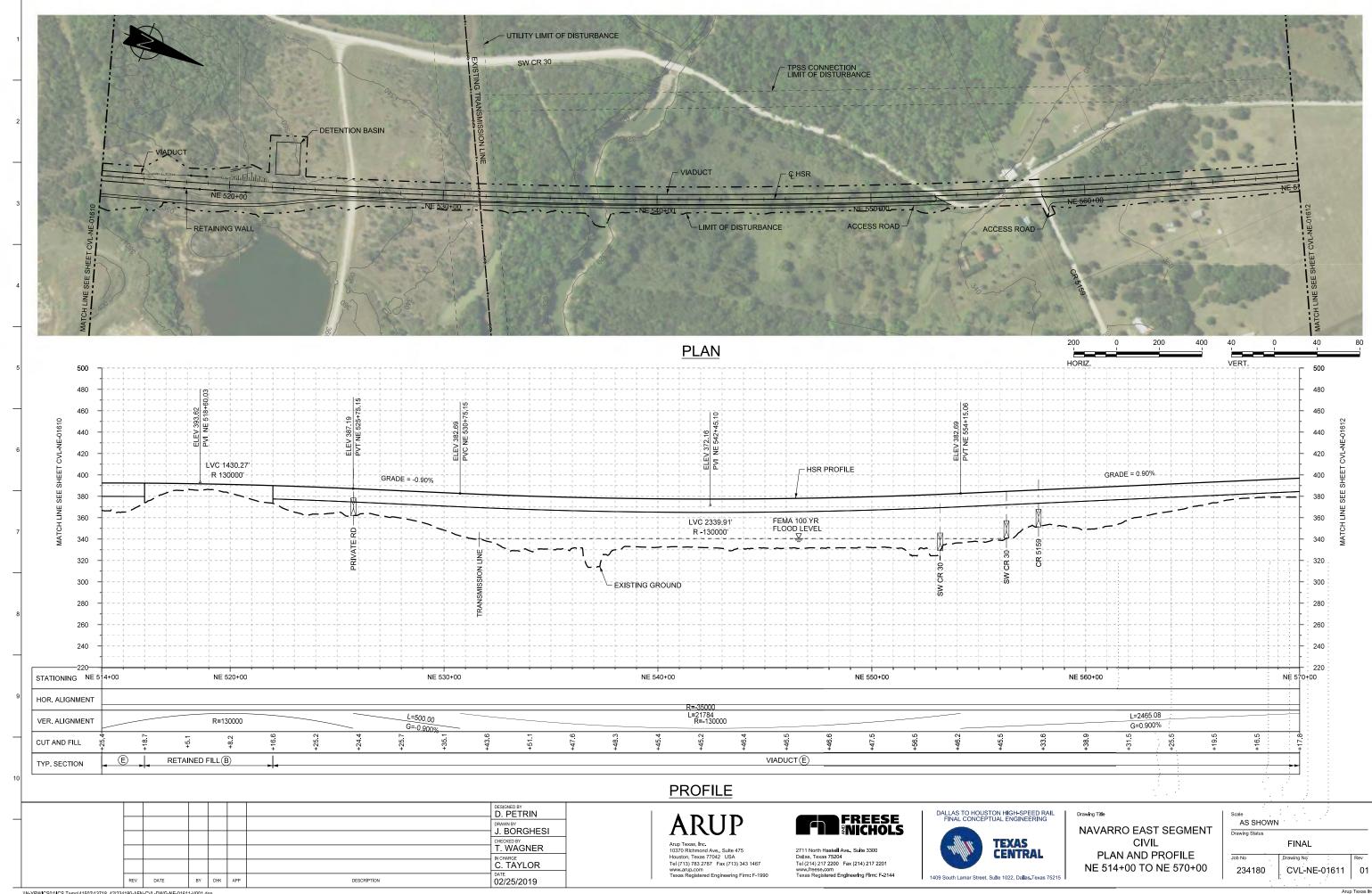
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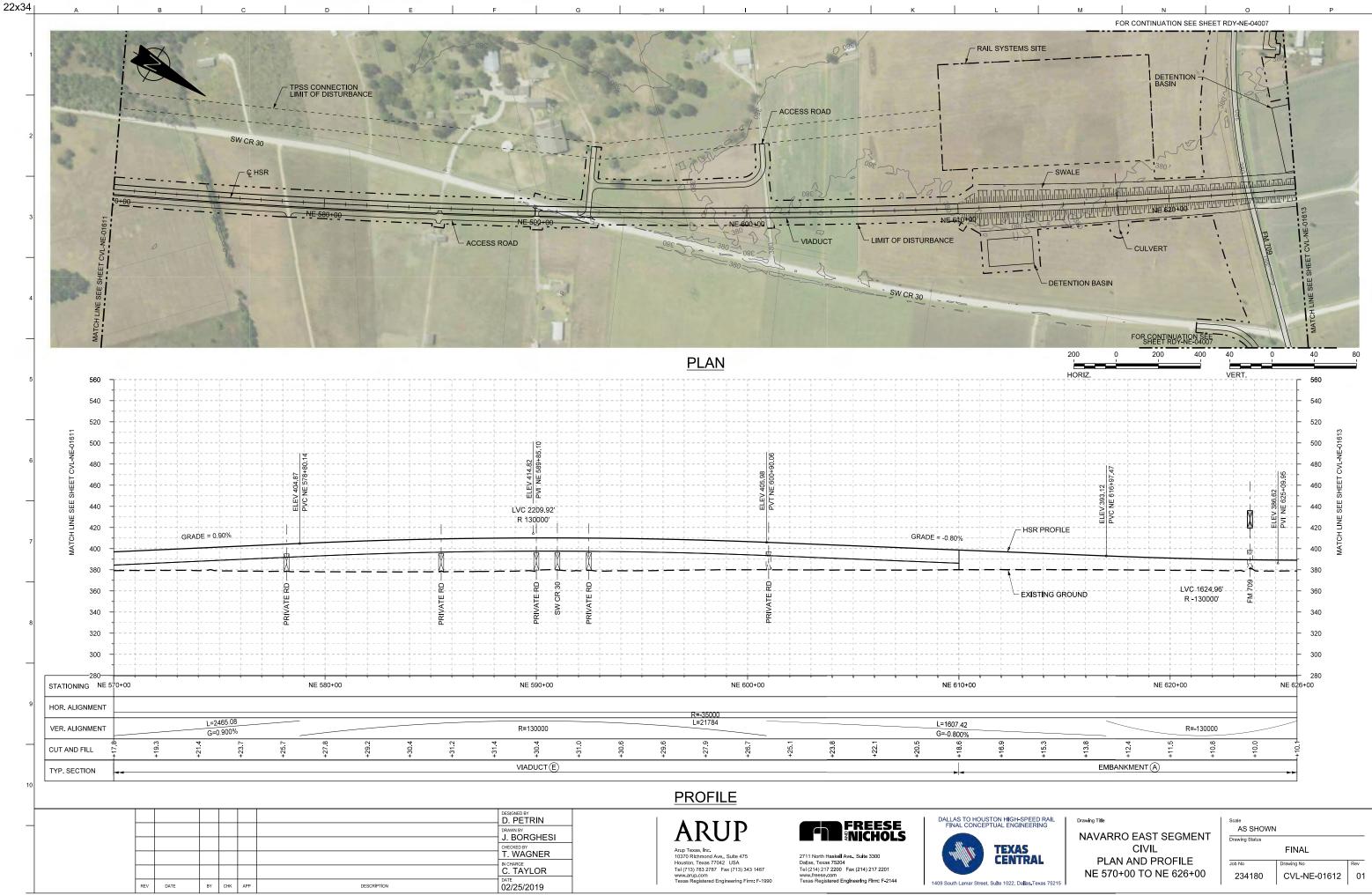


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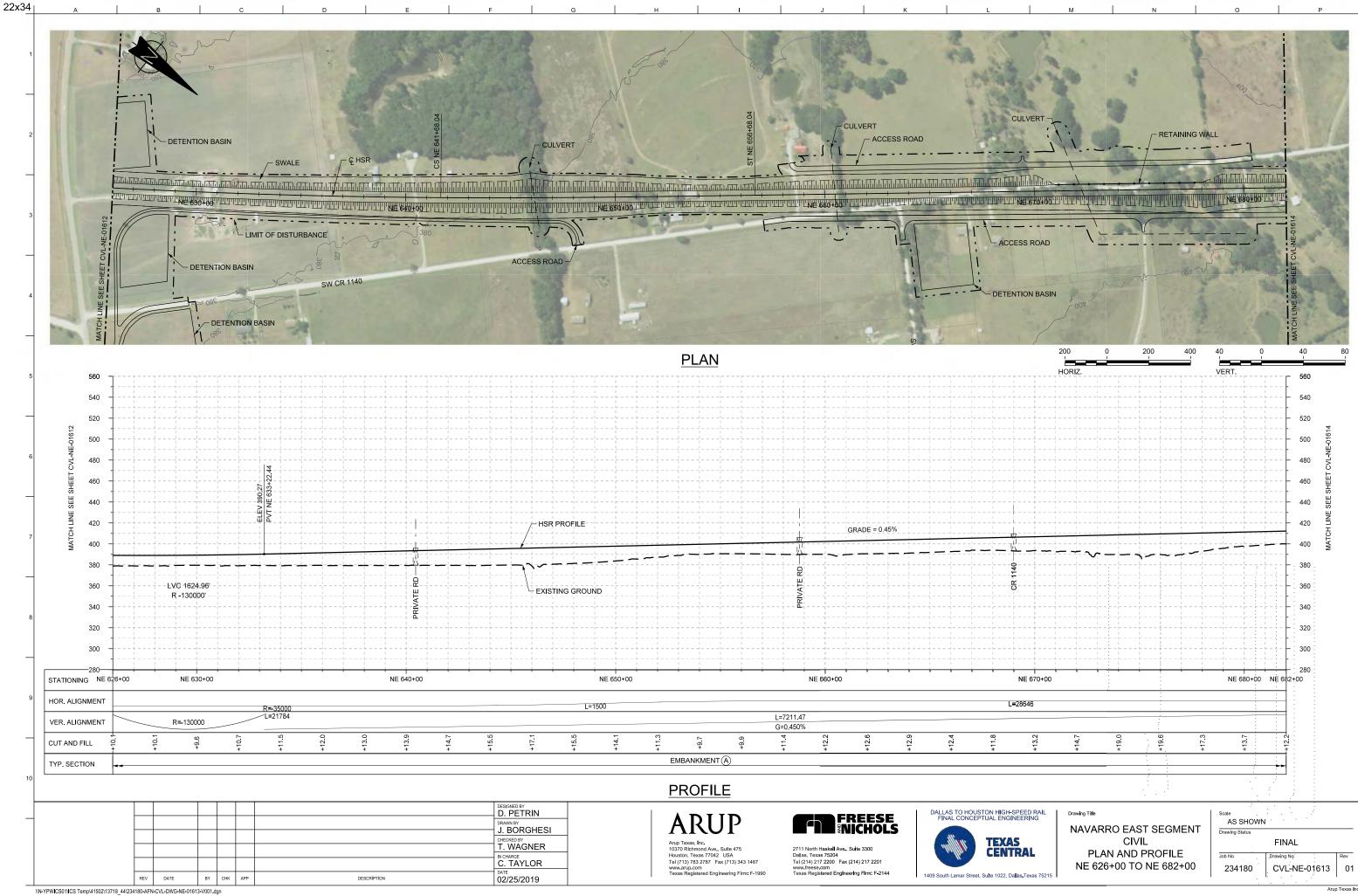
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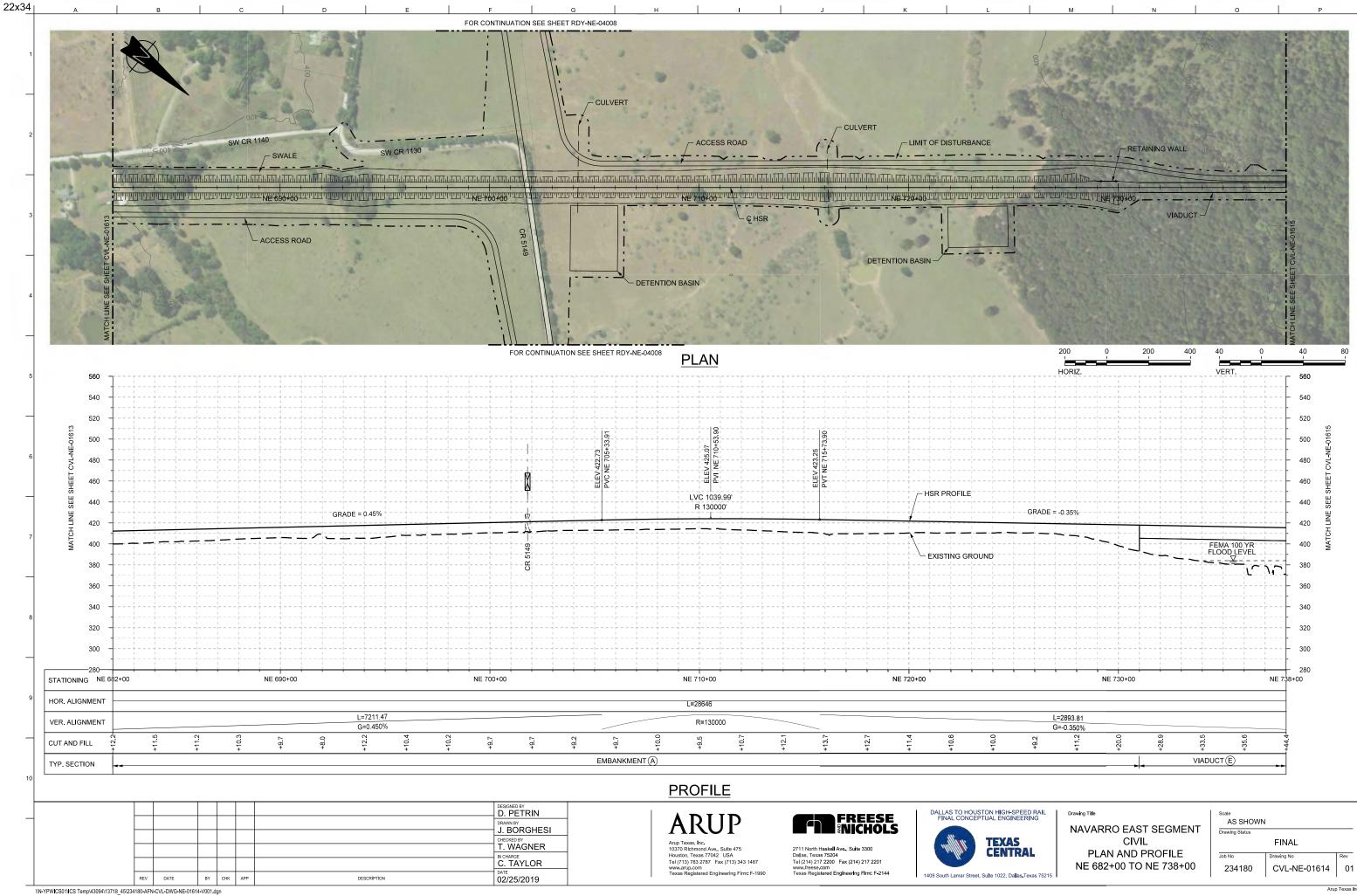


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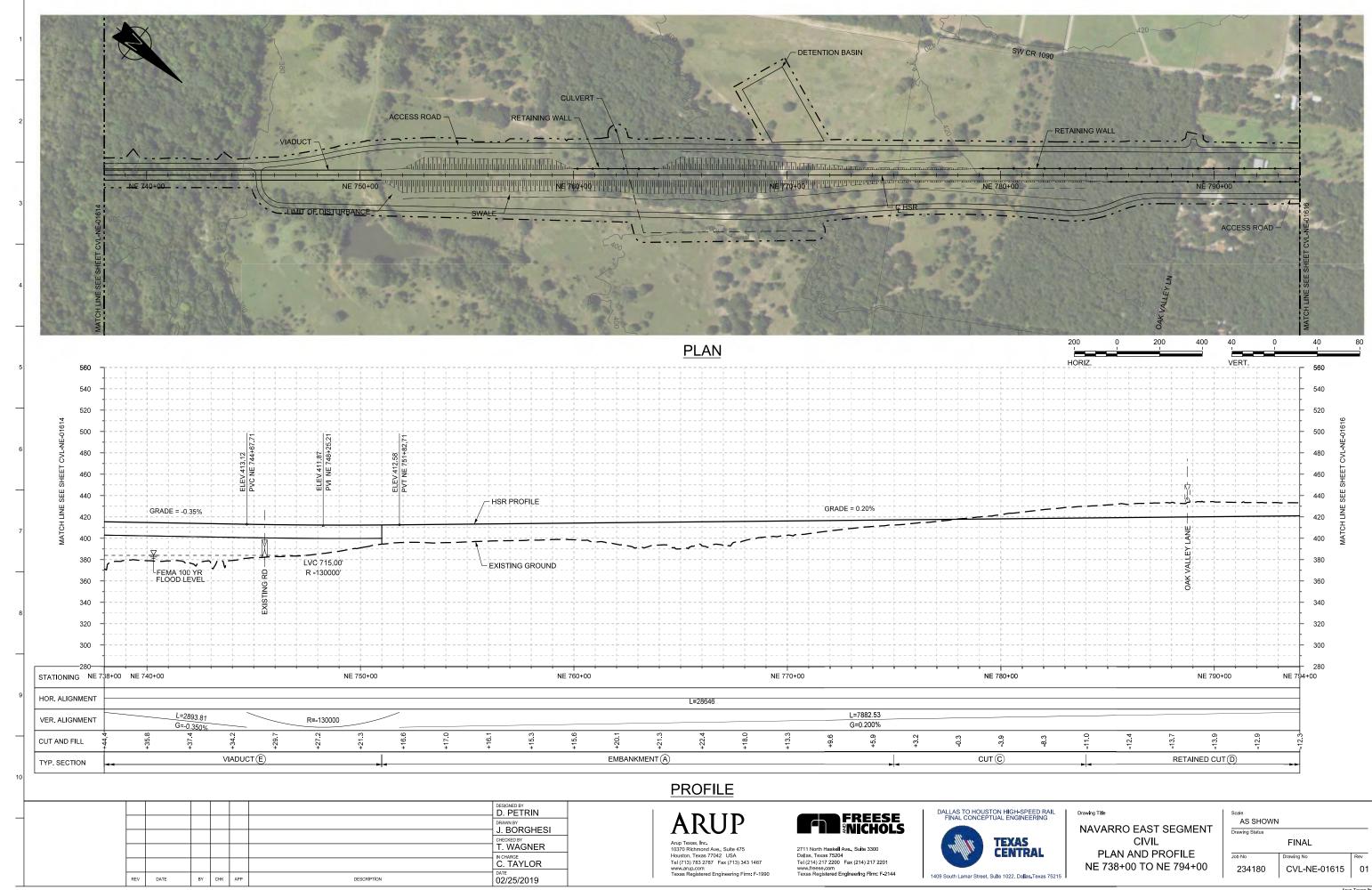
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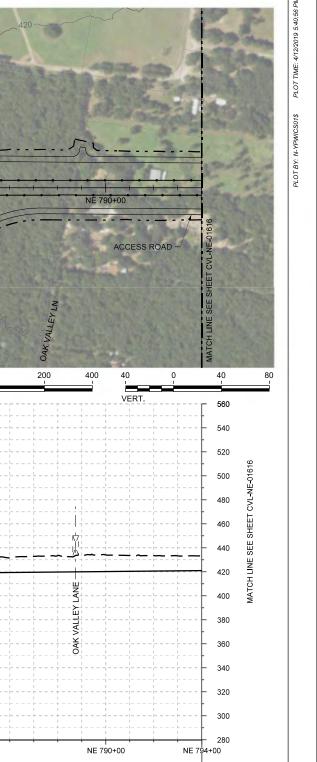




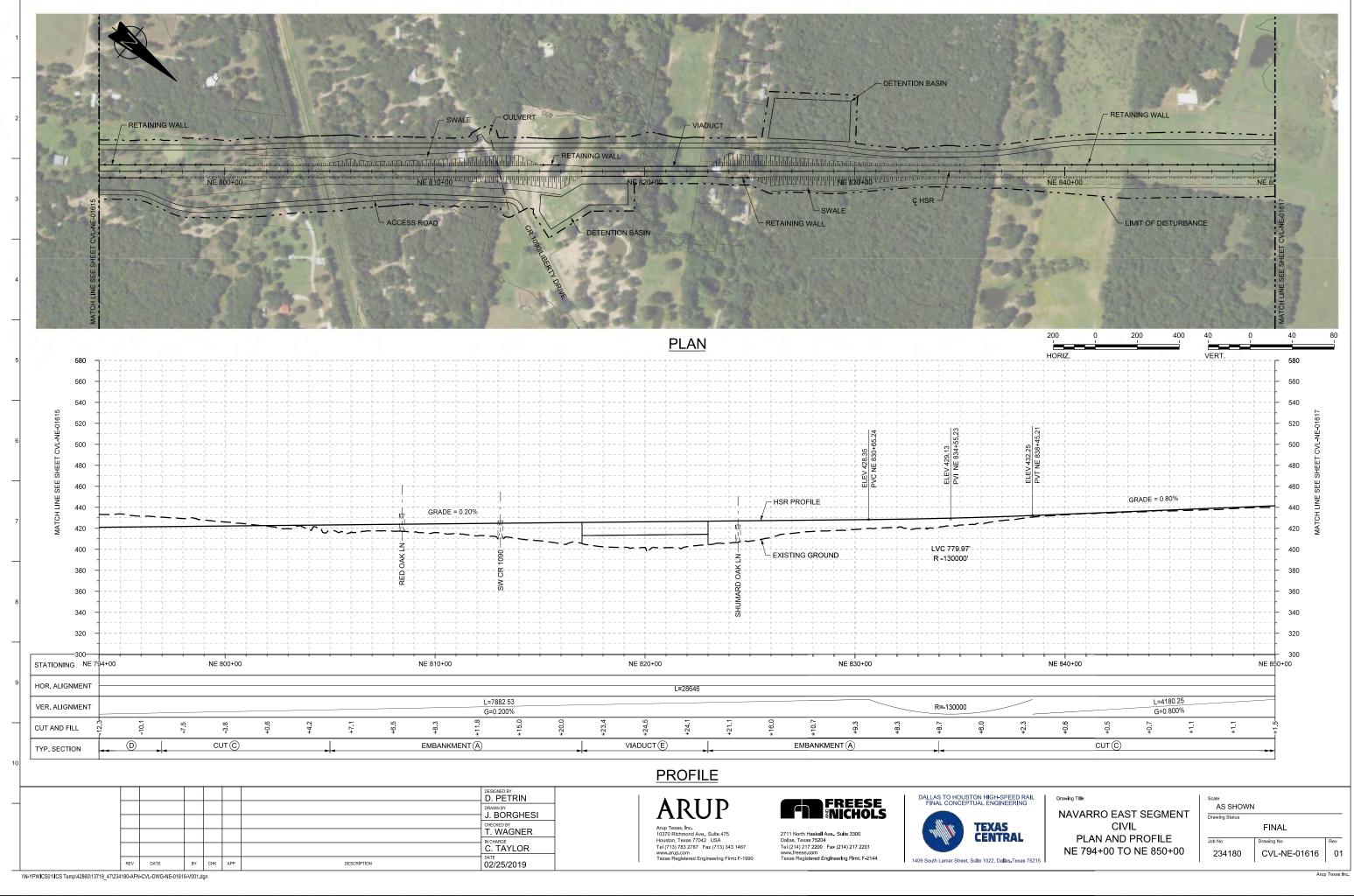




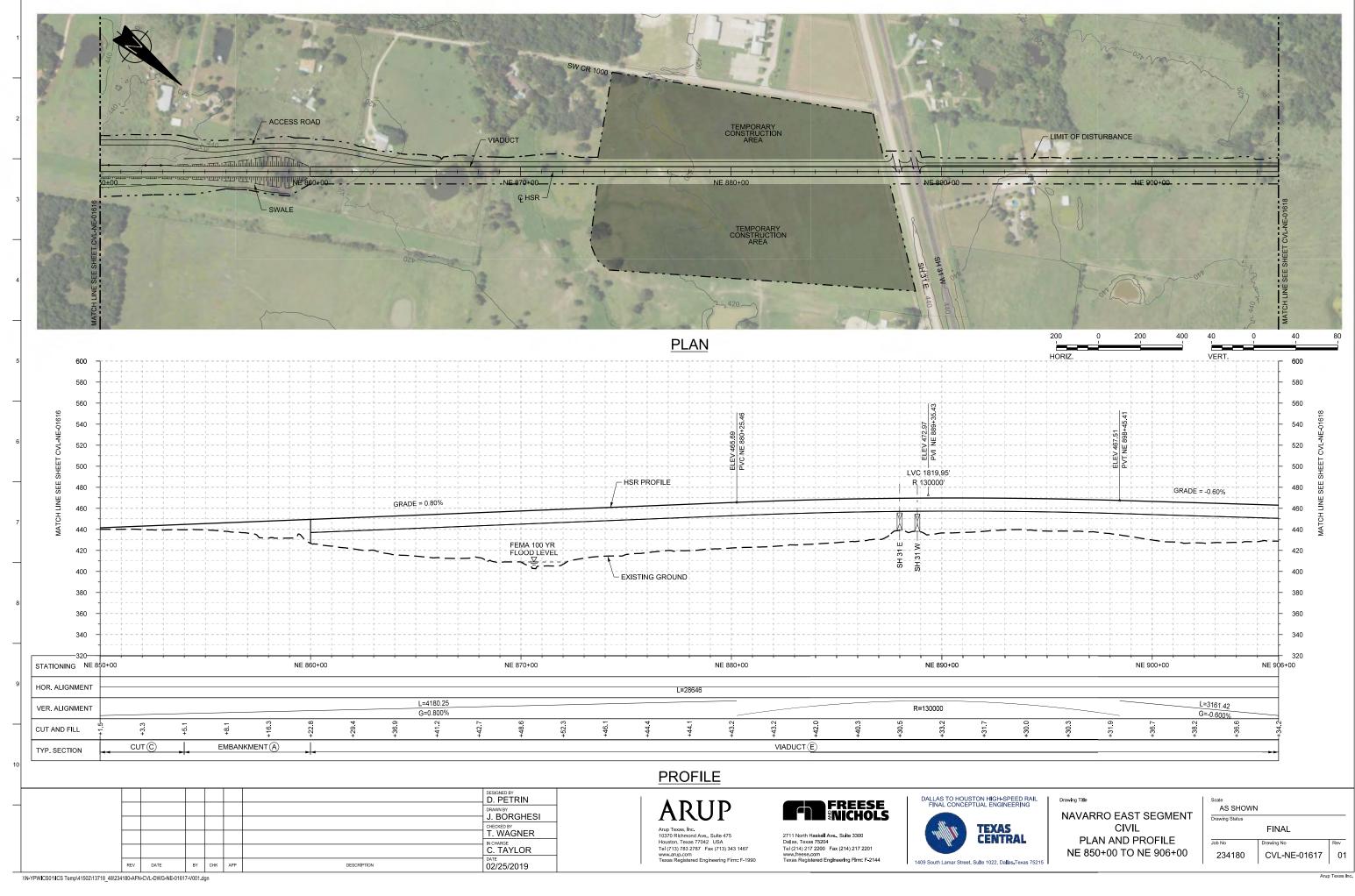
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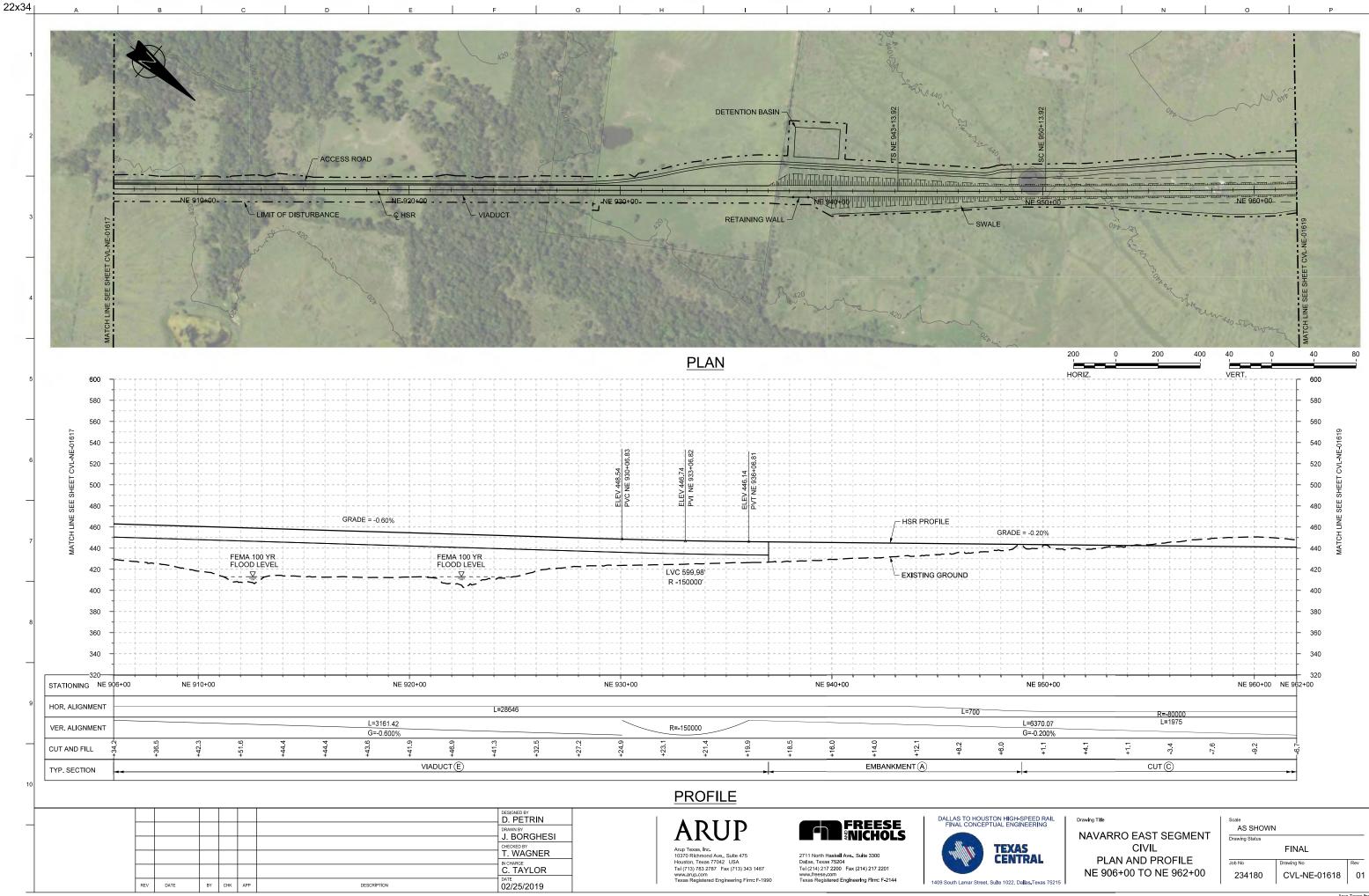
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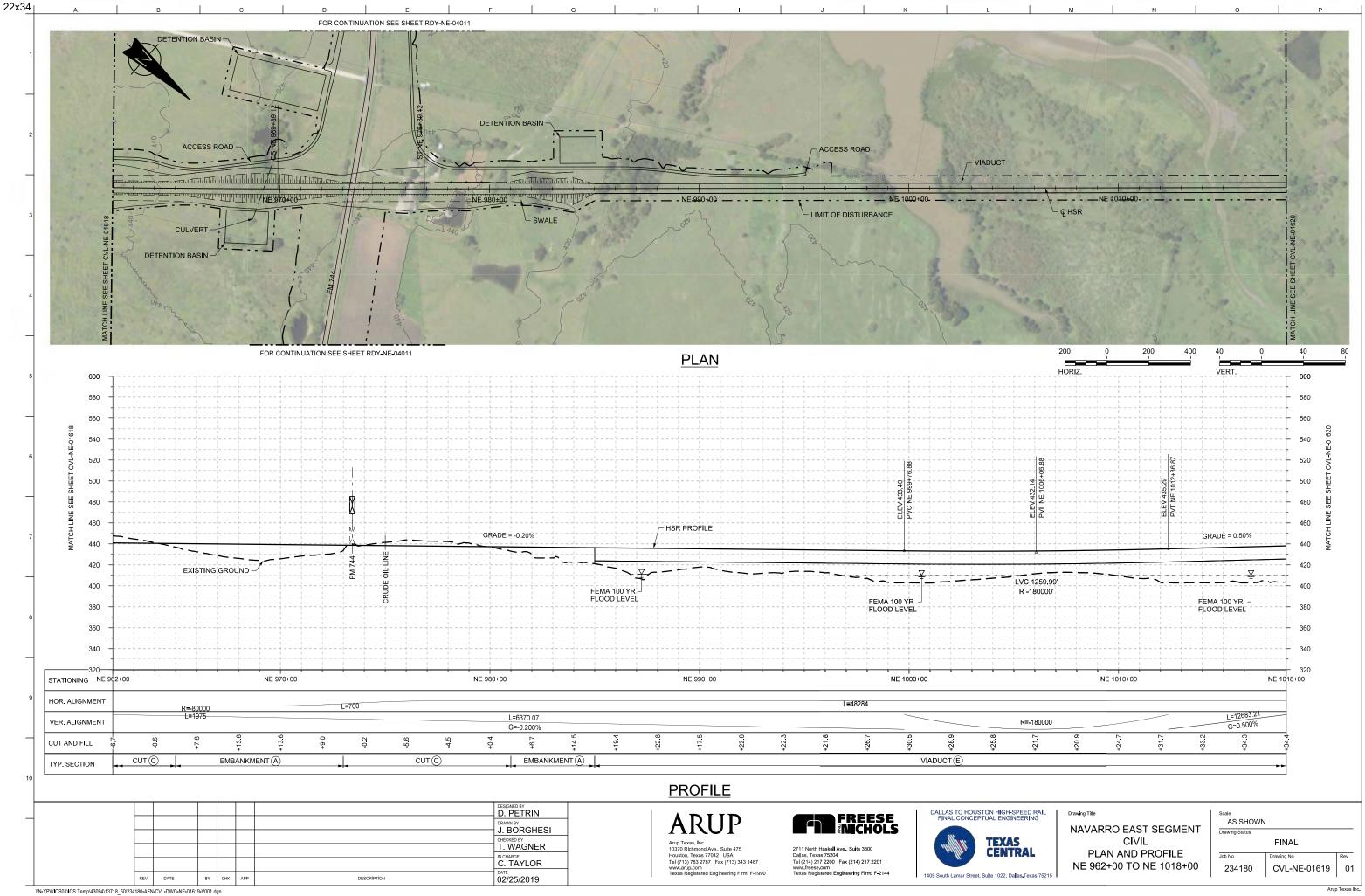


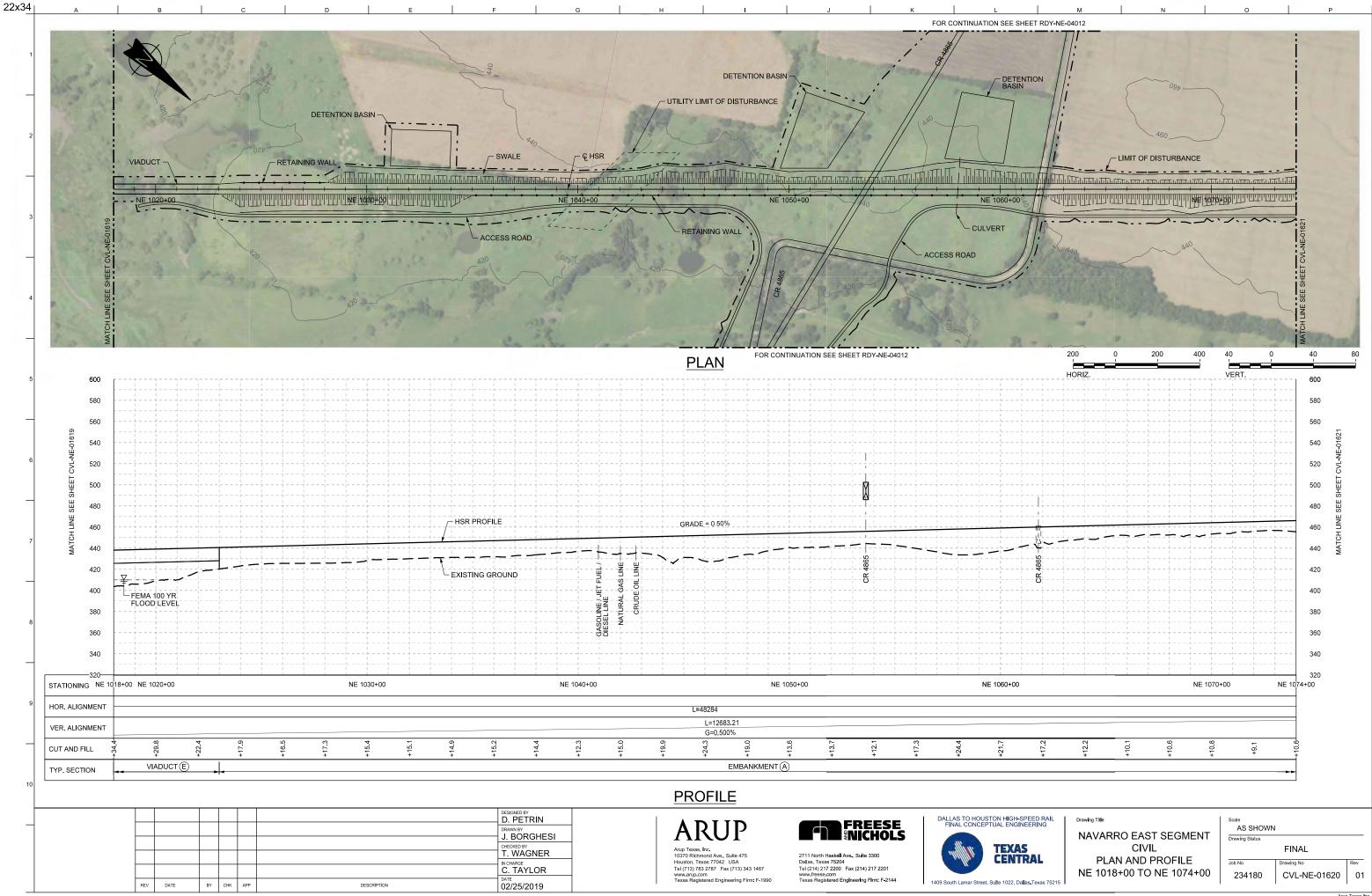
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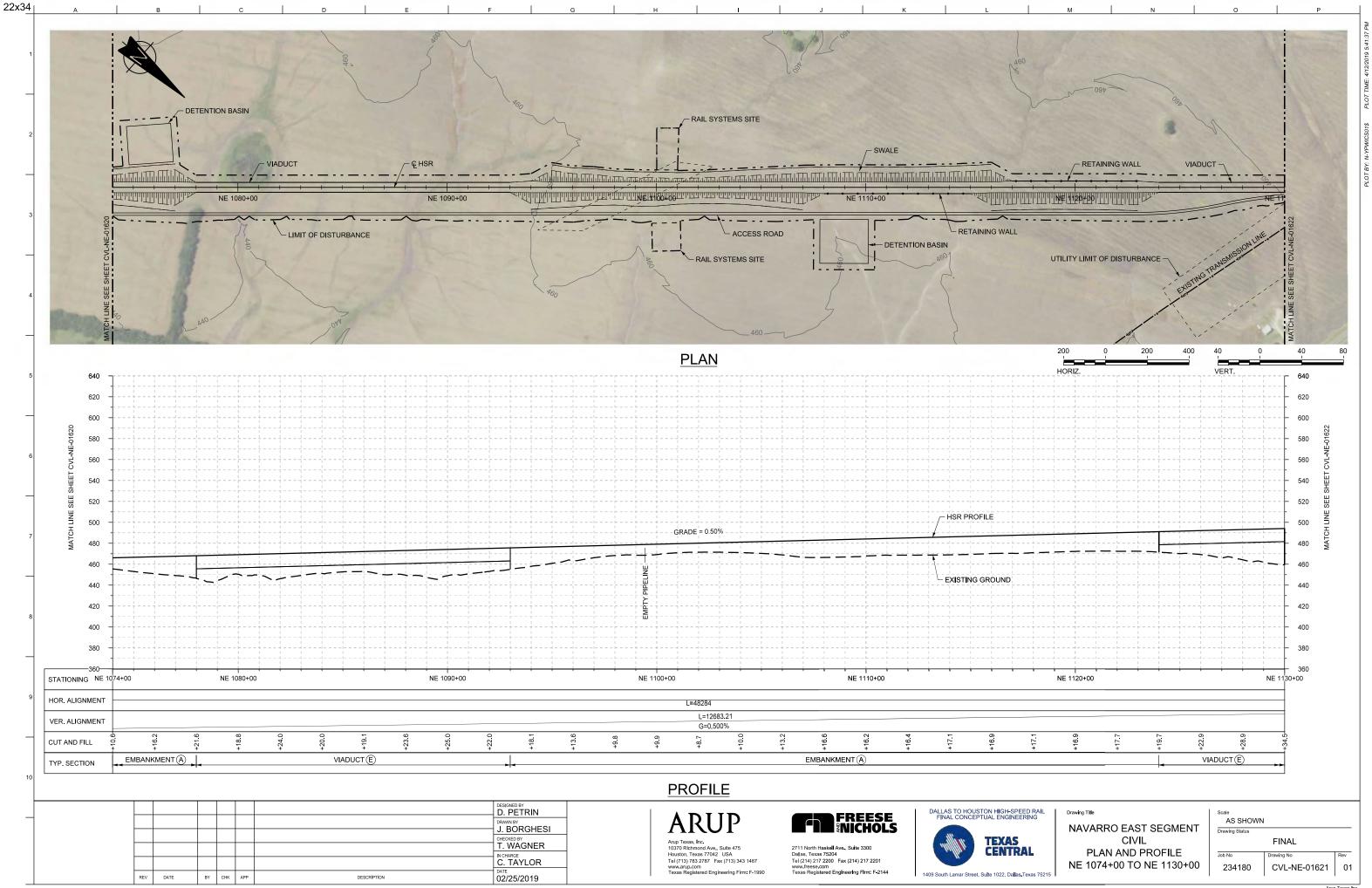
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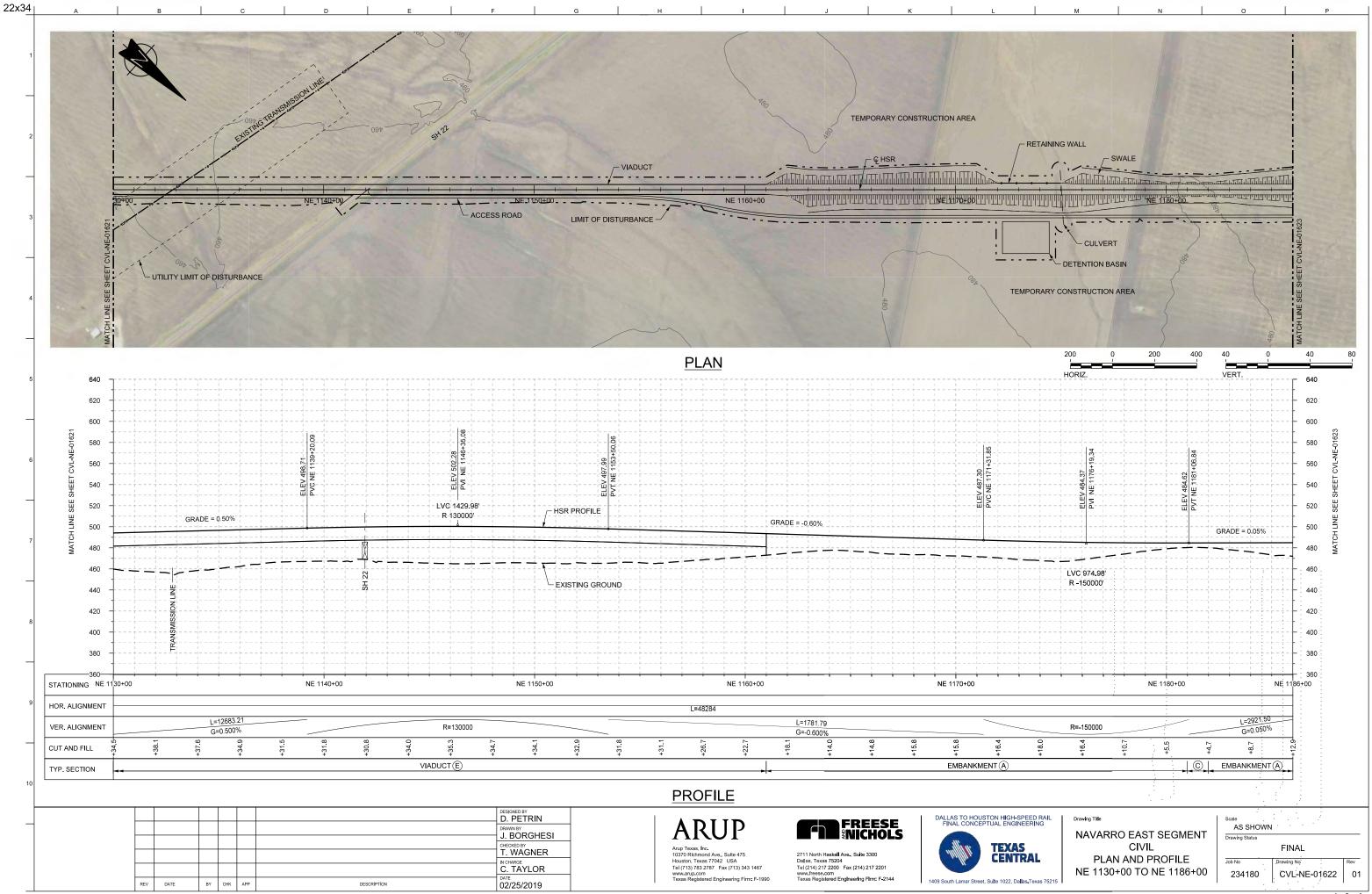


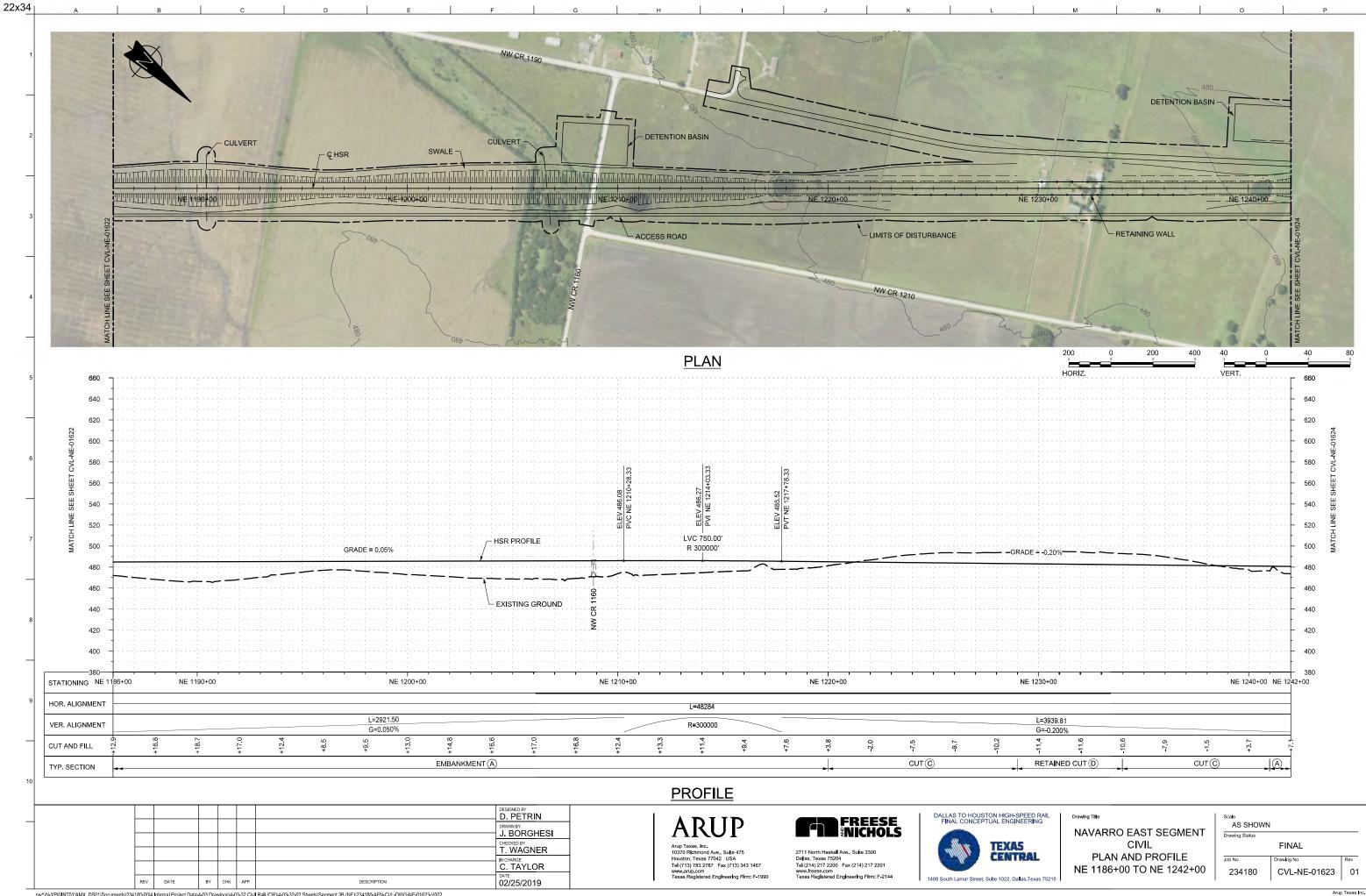


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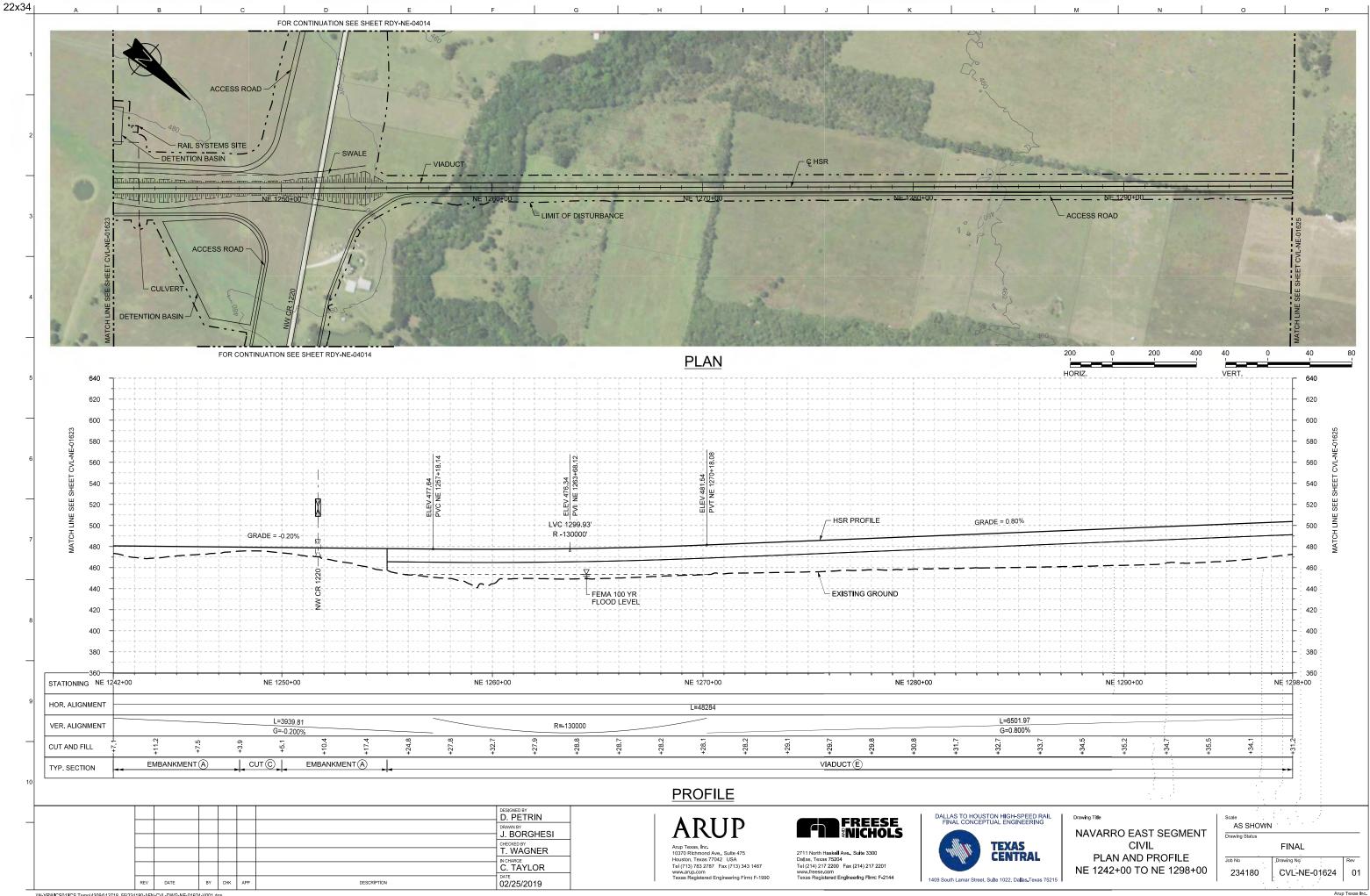


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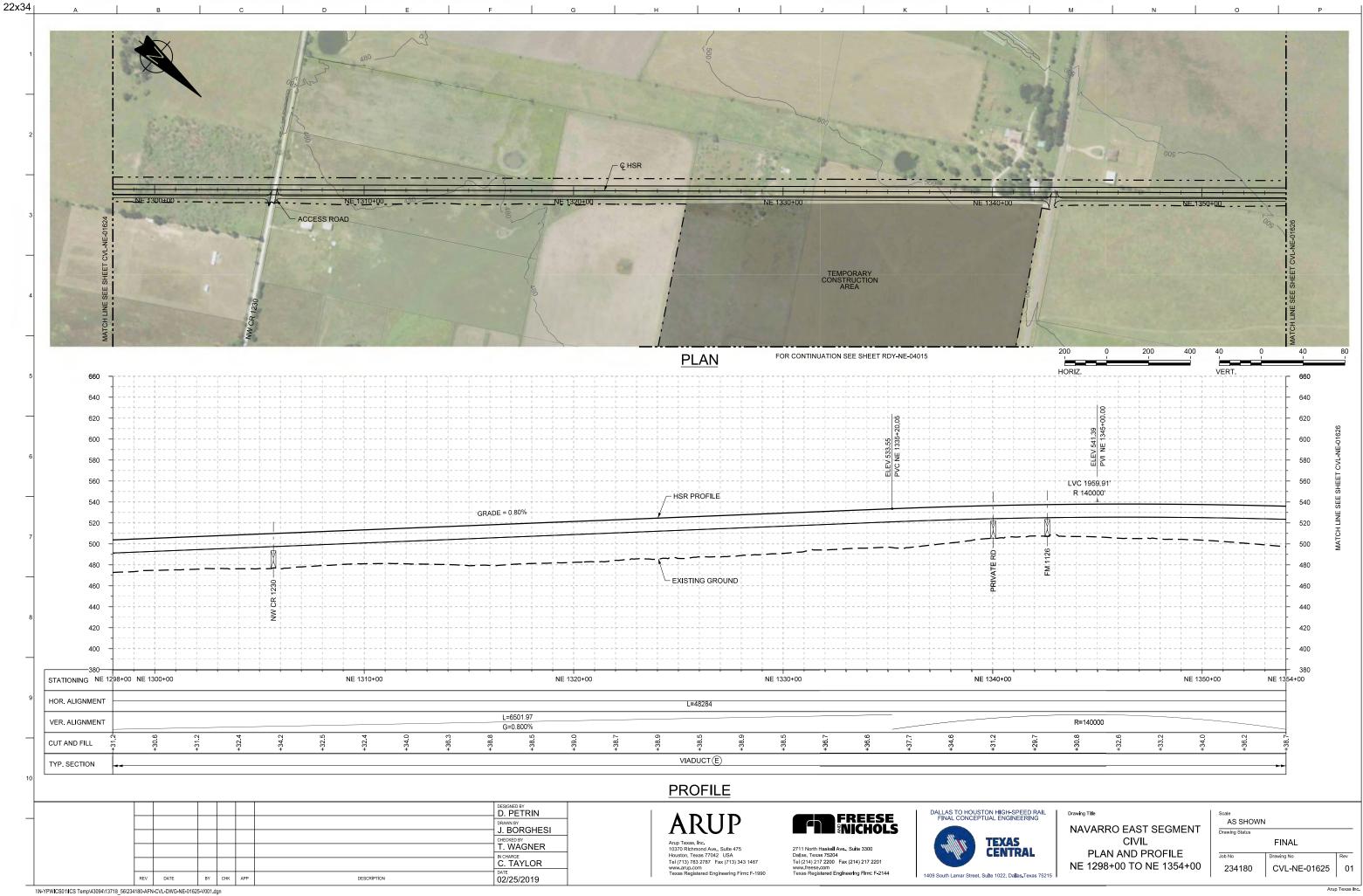


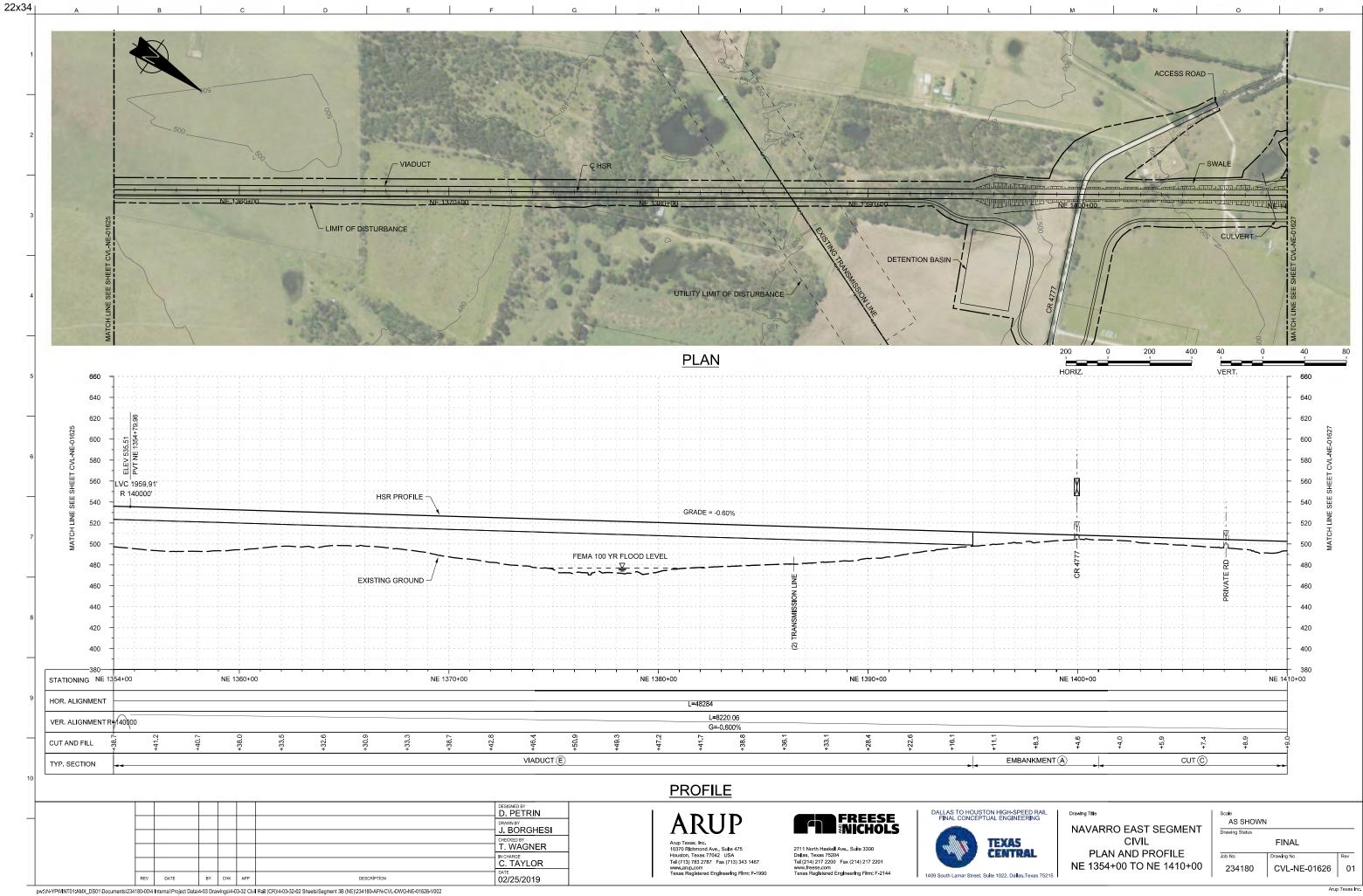


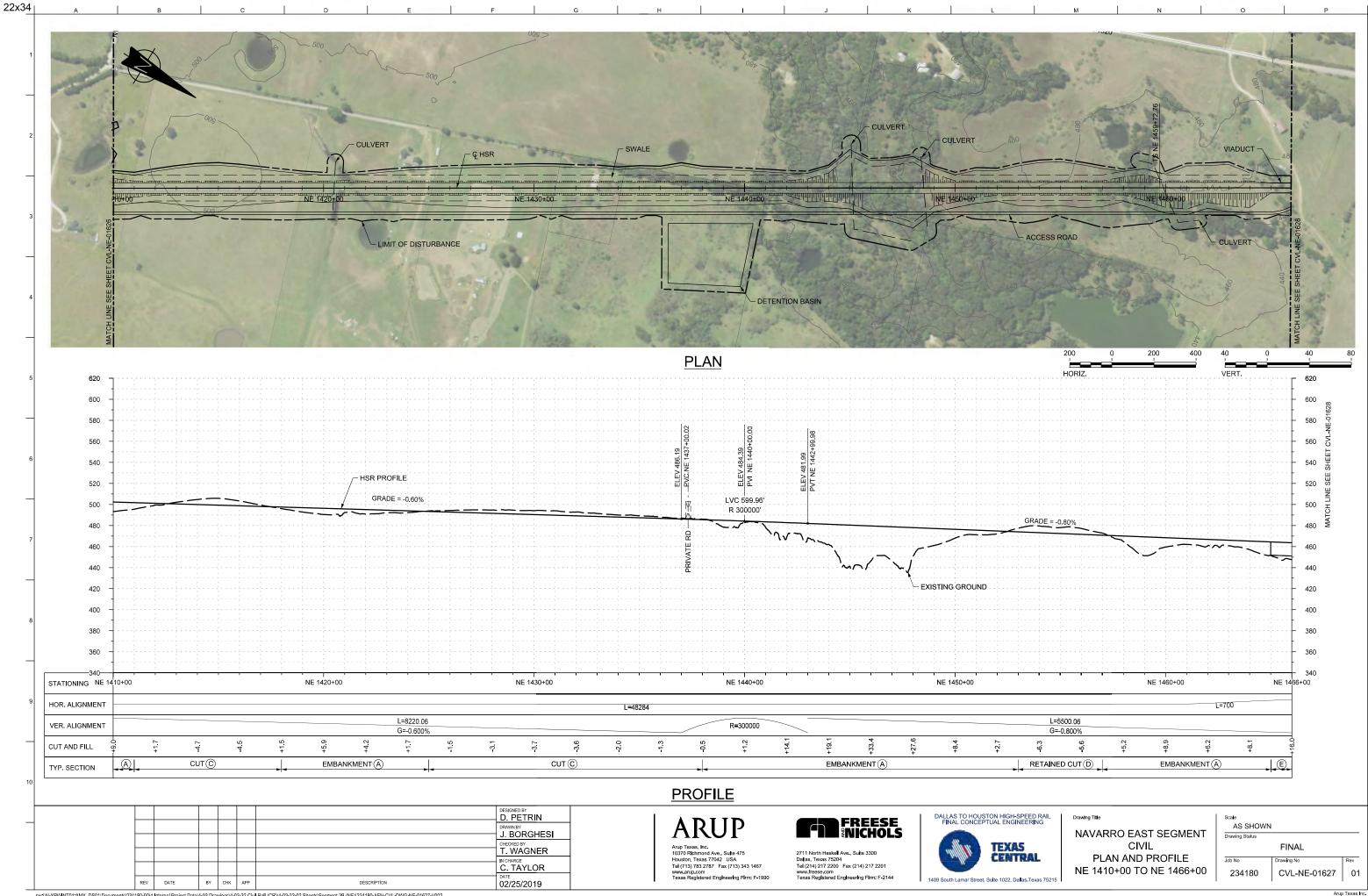
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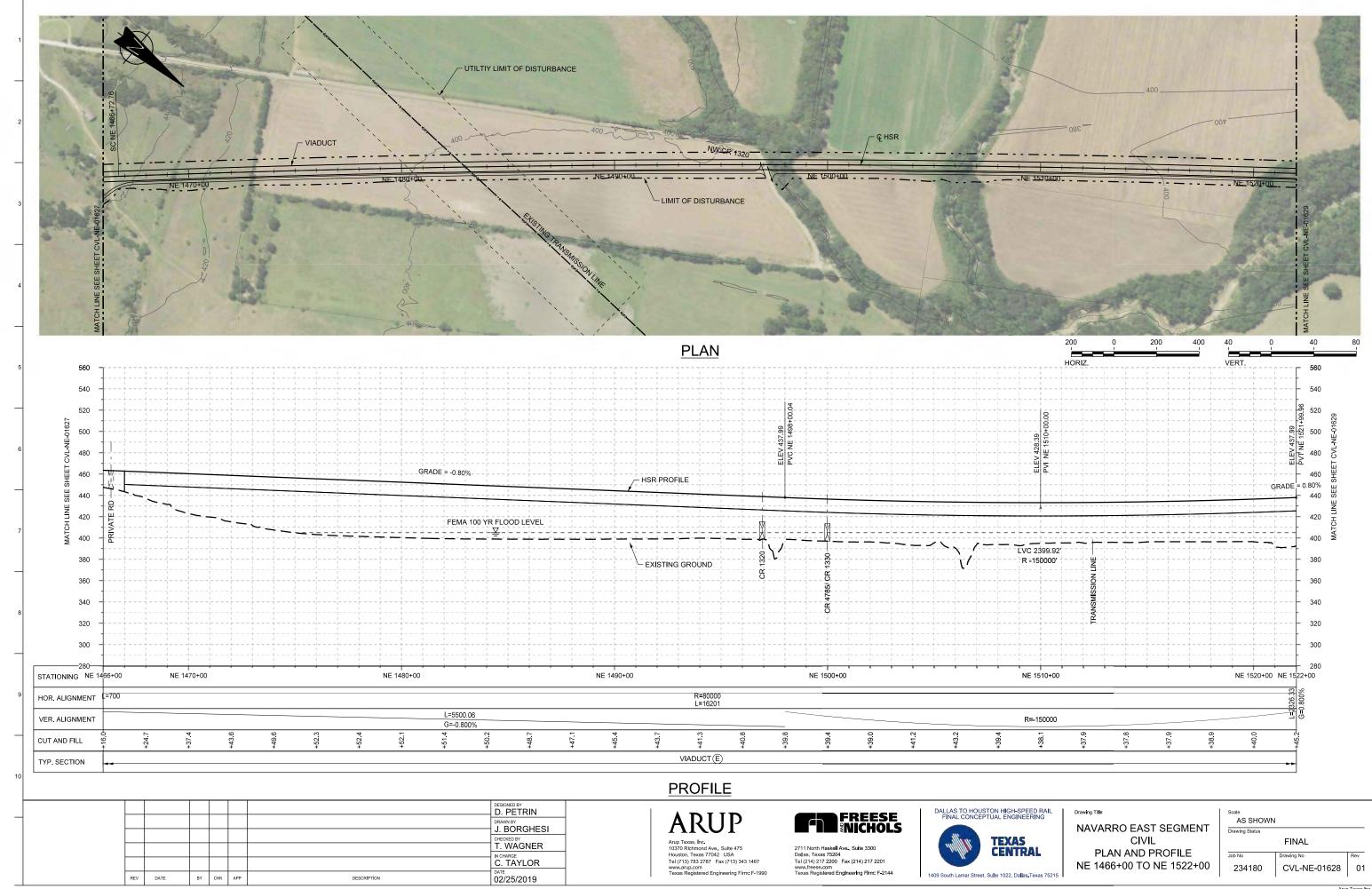
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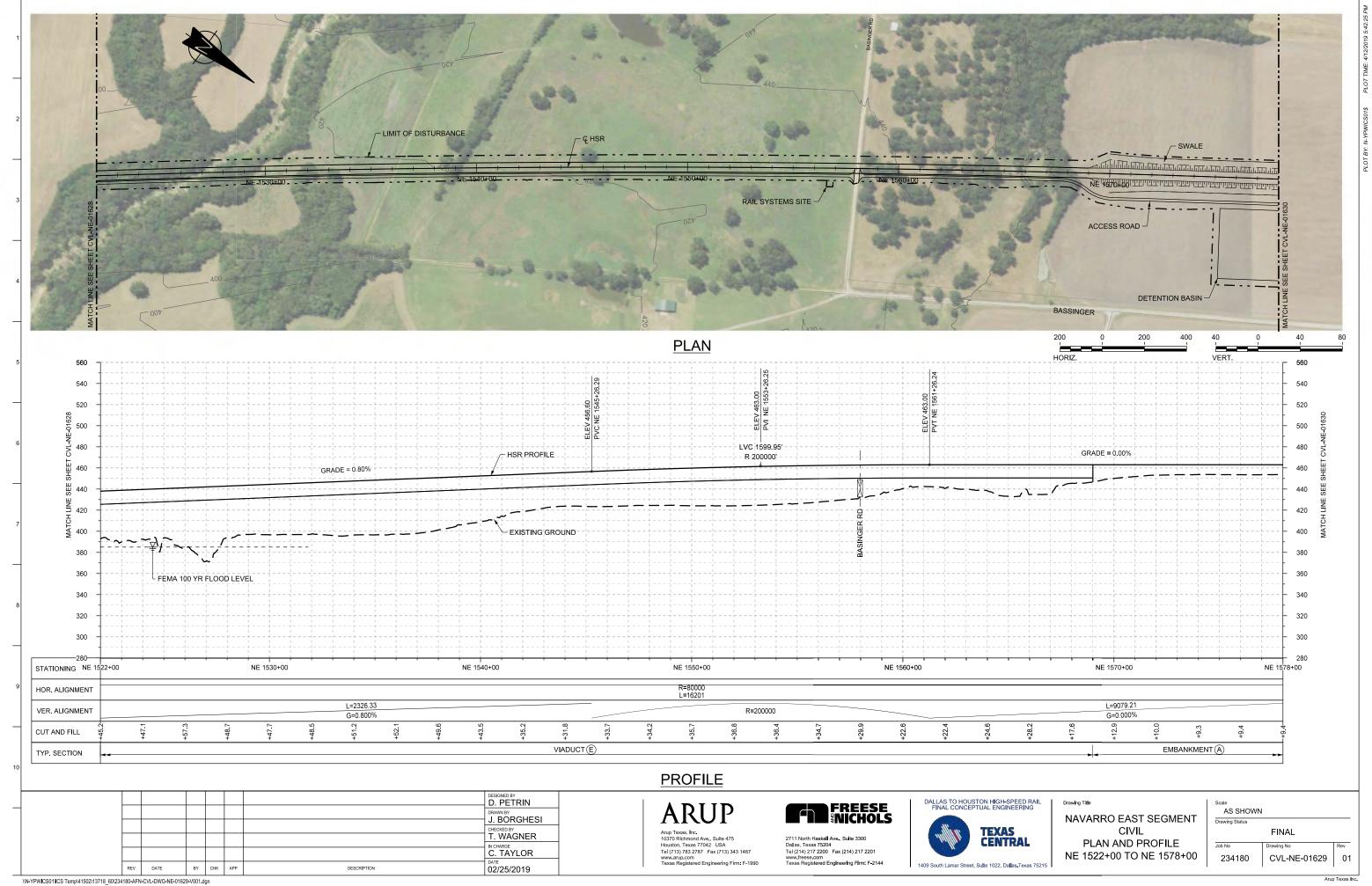


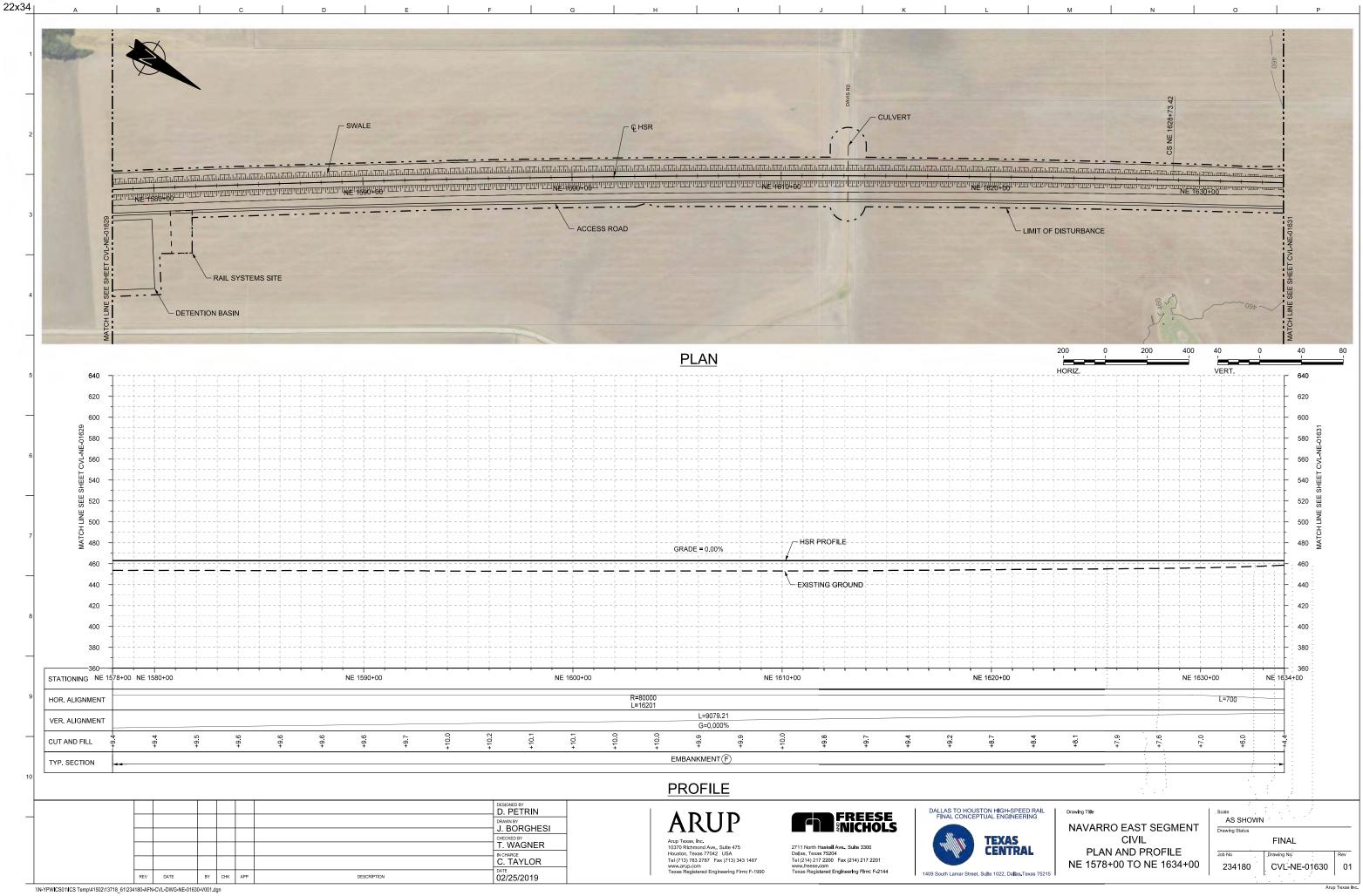
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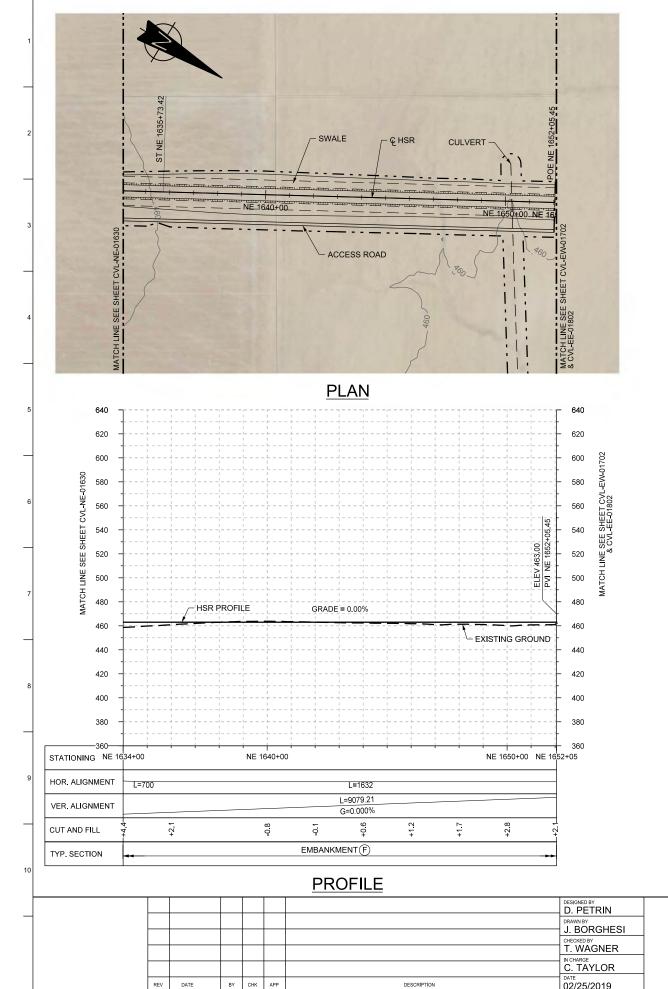


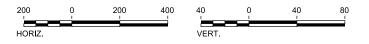
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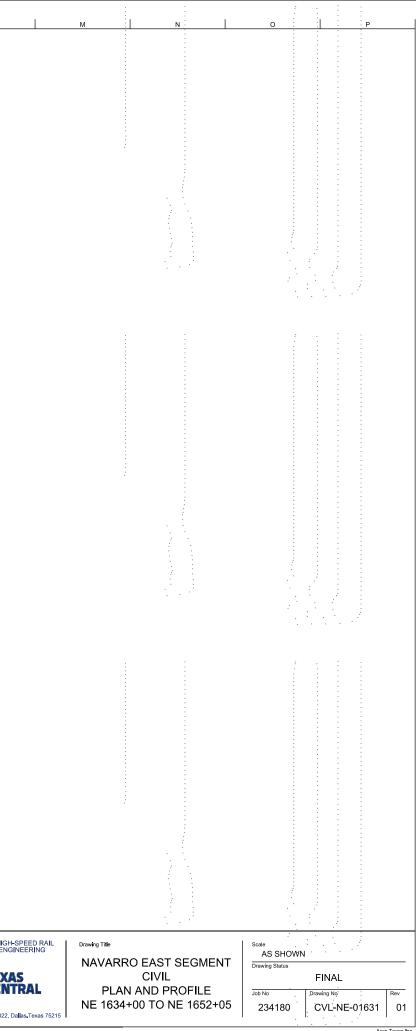


-	-							DESIGNED BY D. PETRIN DRAWN BY J. BORGHESI CHECKED BY T. WAGNER	Arup Texas, Inc. 10370 Richmond Ave., Sulte 475 Houston, Texas 77042 USA Tel (713) 783 2787 Tex (713) 343 1467 www.arup.com Texas Registered Engineering Firm: F-1990	2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.frees.com Texas Registered Engineering Firm: F-2144	DALLAS TO HOUSTON HIGH-S FINAL CONCEPTUAL ENGIN TEXAS 1409 South Lamar Street, Sulte 1022, Da
		REV	DATE	BY	СНК	APP	DESCRIPTION	IN CHARGE C. TAYLOR DATE 02/25/2019			

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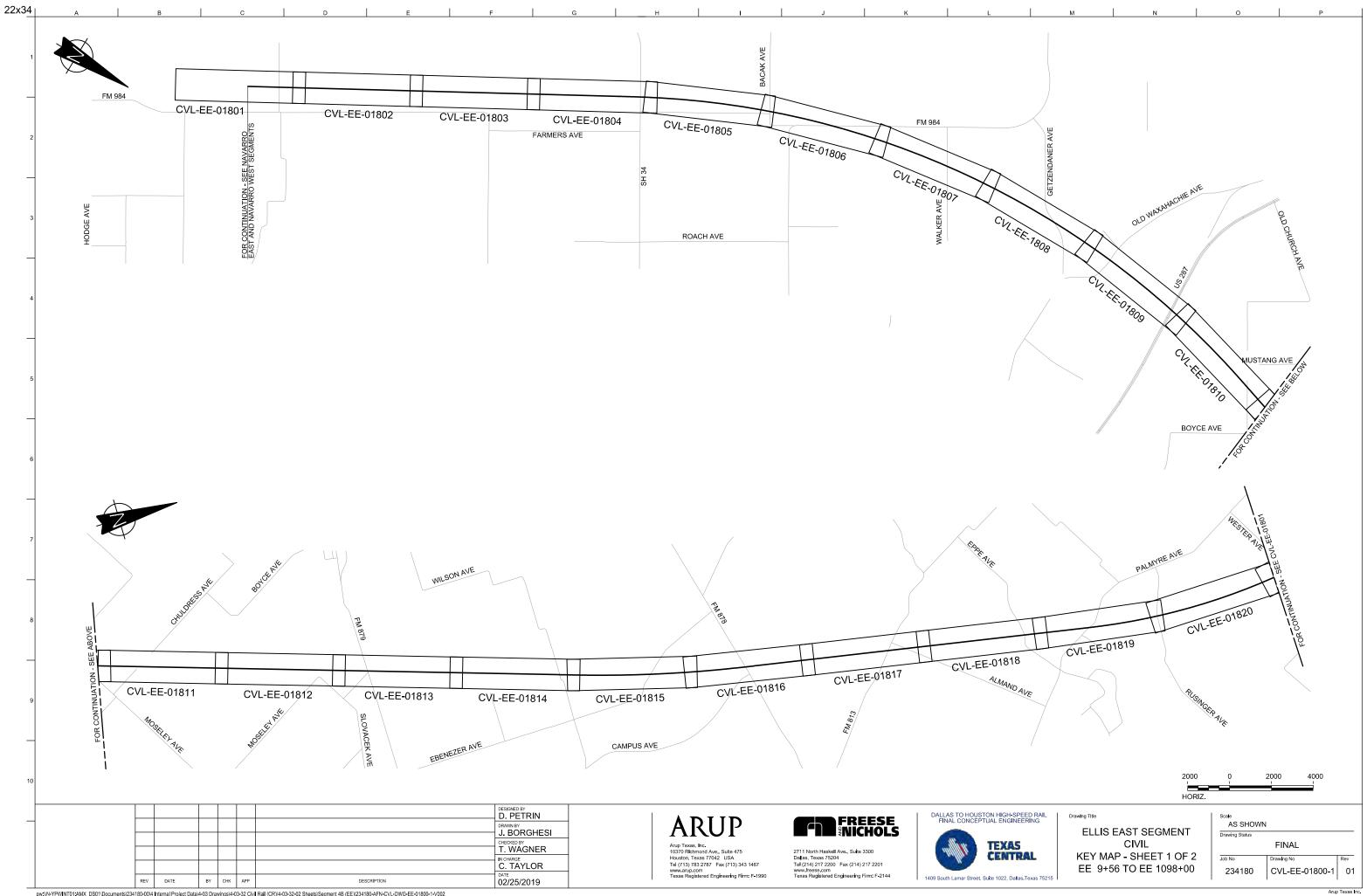
2B-3 ELLIS EAST SEGMENT

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						K. SEYMOUR			
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			_			CHECKED BY	Arup Texas, Inc.		
						R. BURNS	10370 Richmond Ave., Sulte 475 Houston, Texas 77042 USA	2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204	pall a
			_			C. TAYLOR	Tel (713) 783 2787 Fax (713) 343 1467 www.arup.com Texas Registered Engineering Firm: F-1990	Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com Texas Registered Engineering Firm: F-2144	
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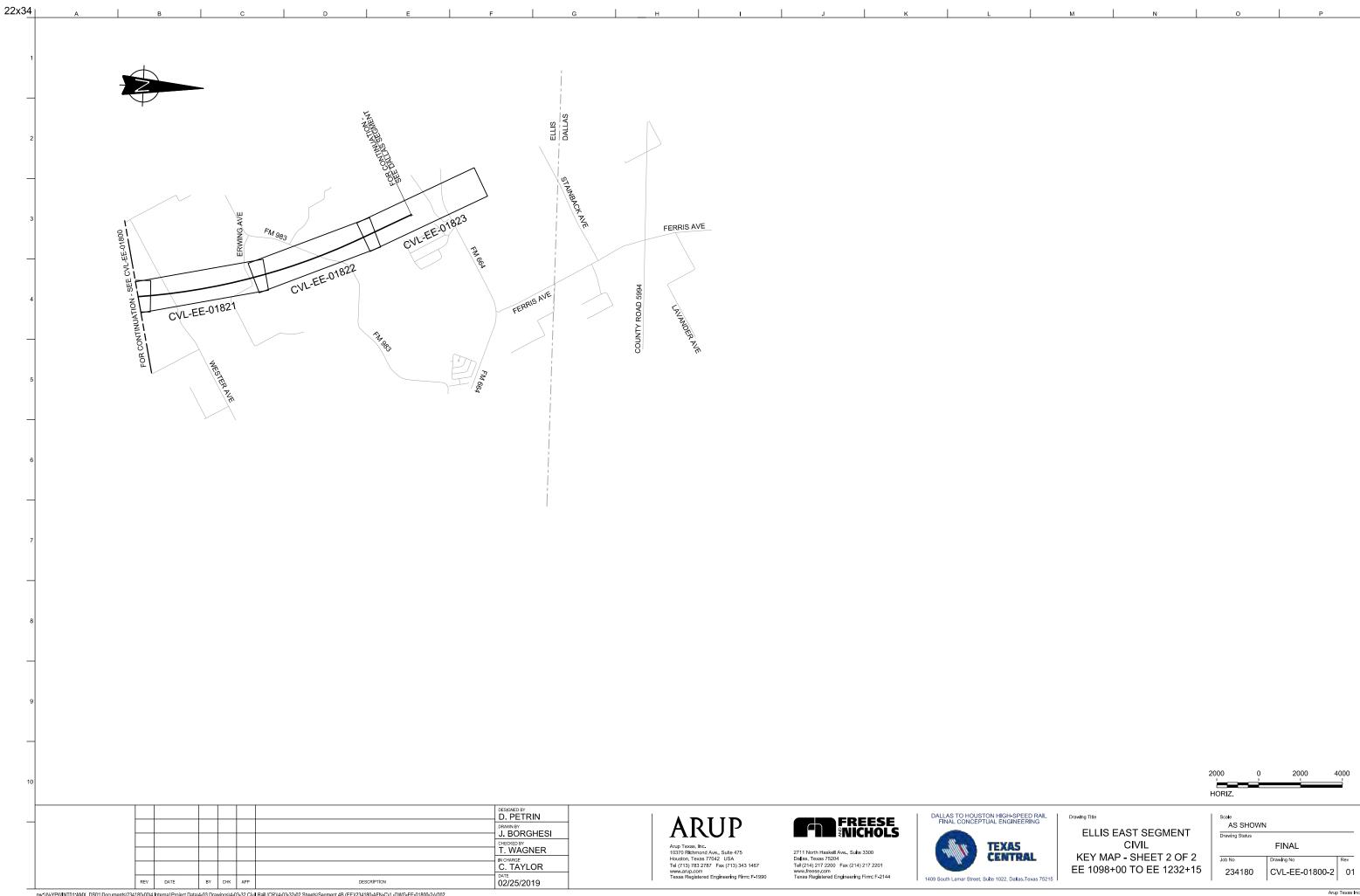
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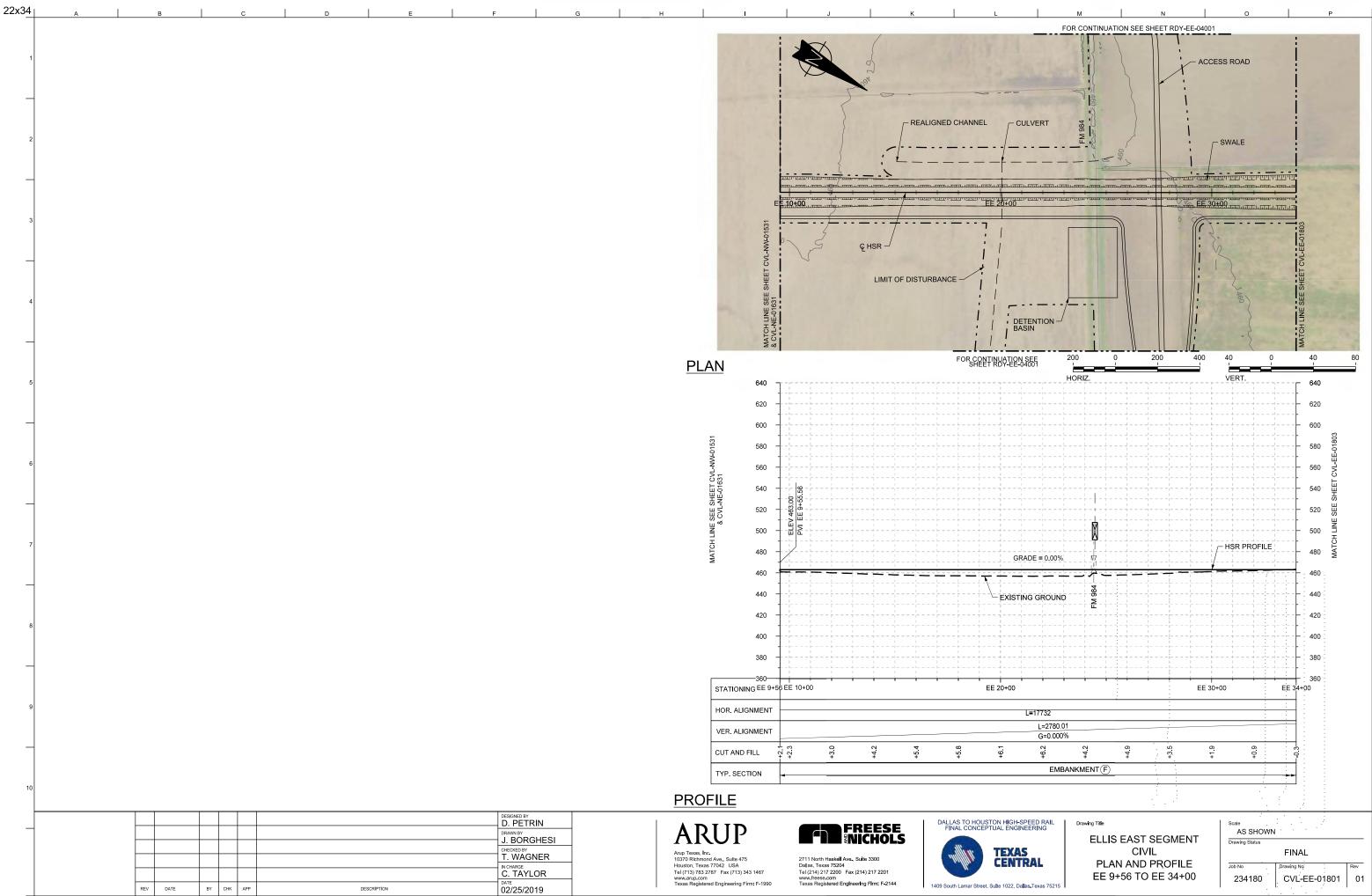
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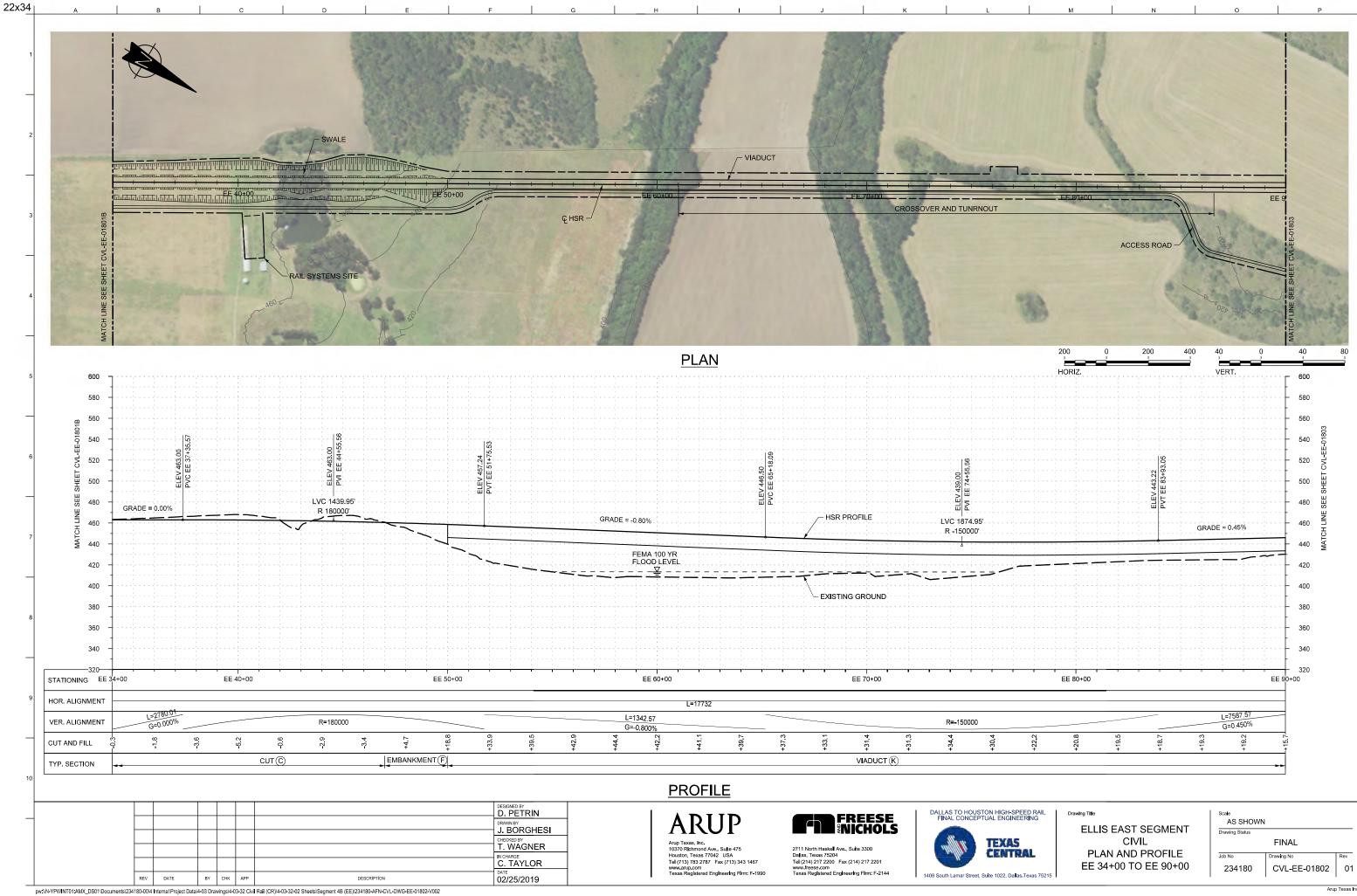


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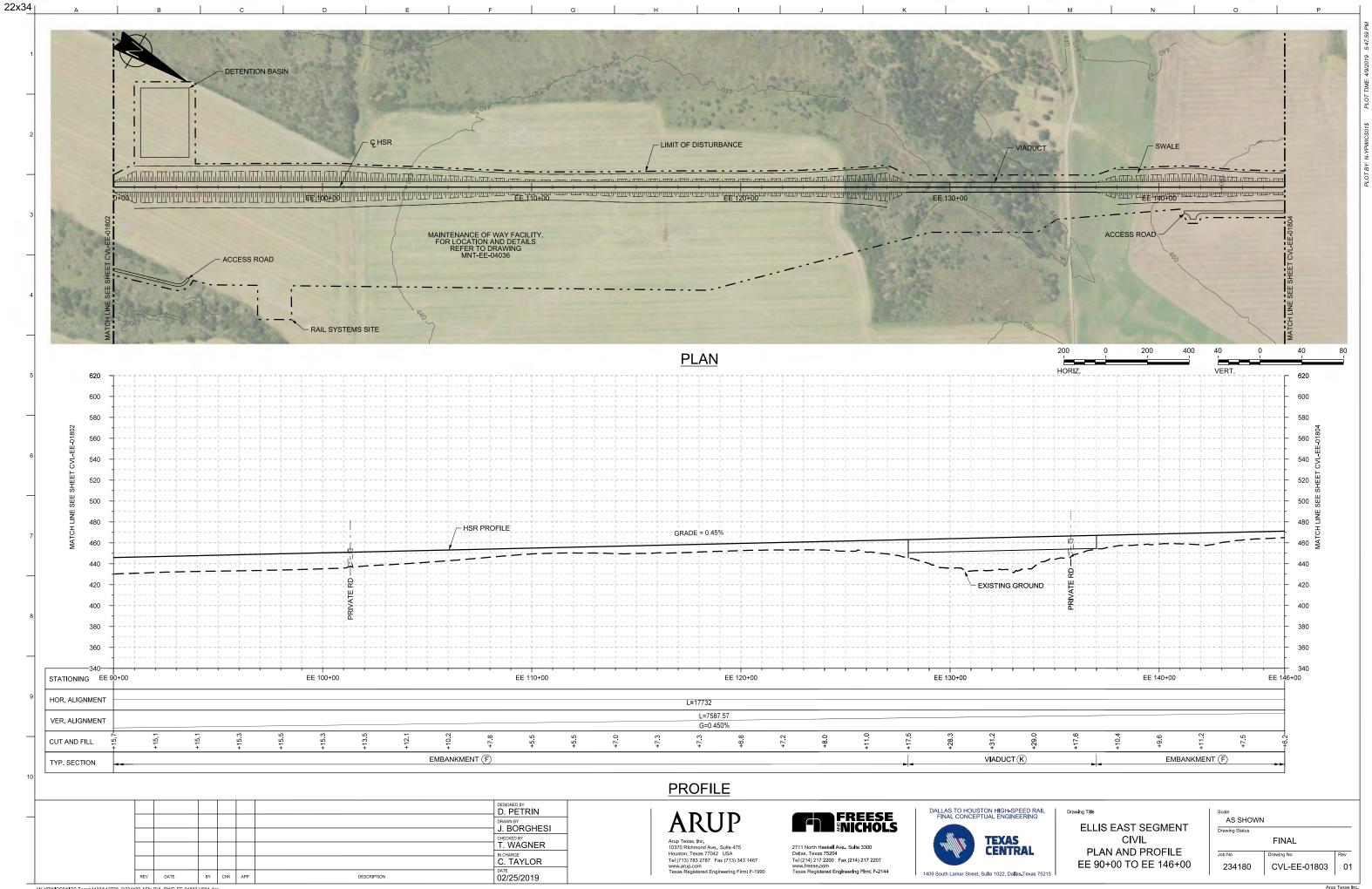


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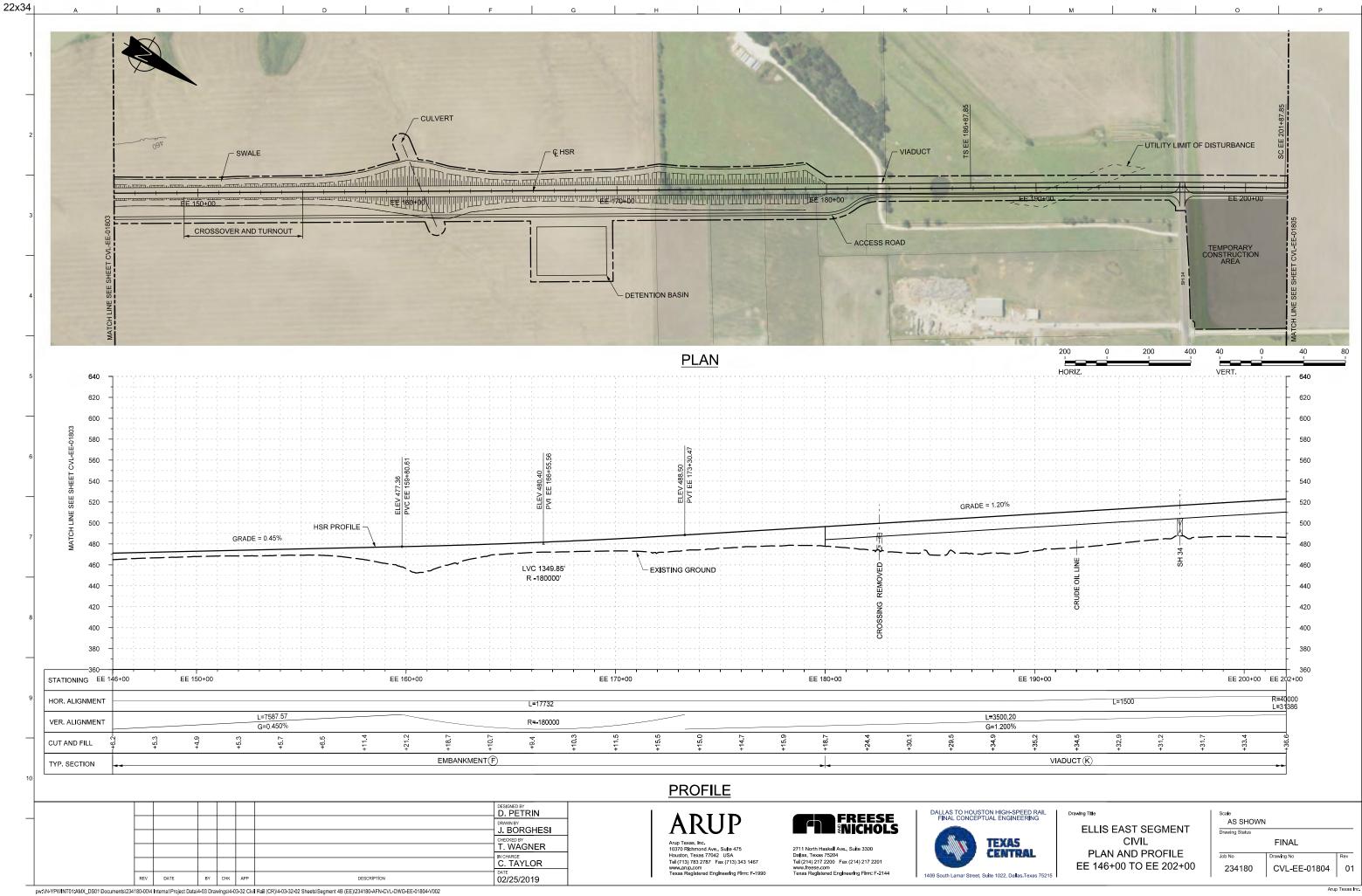
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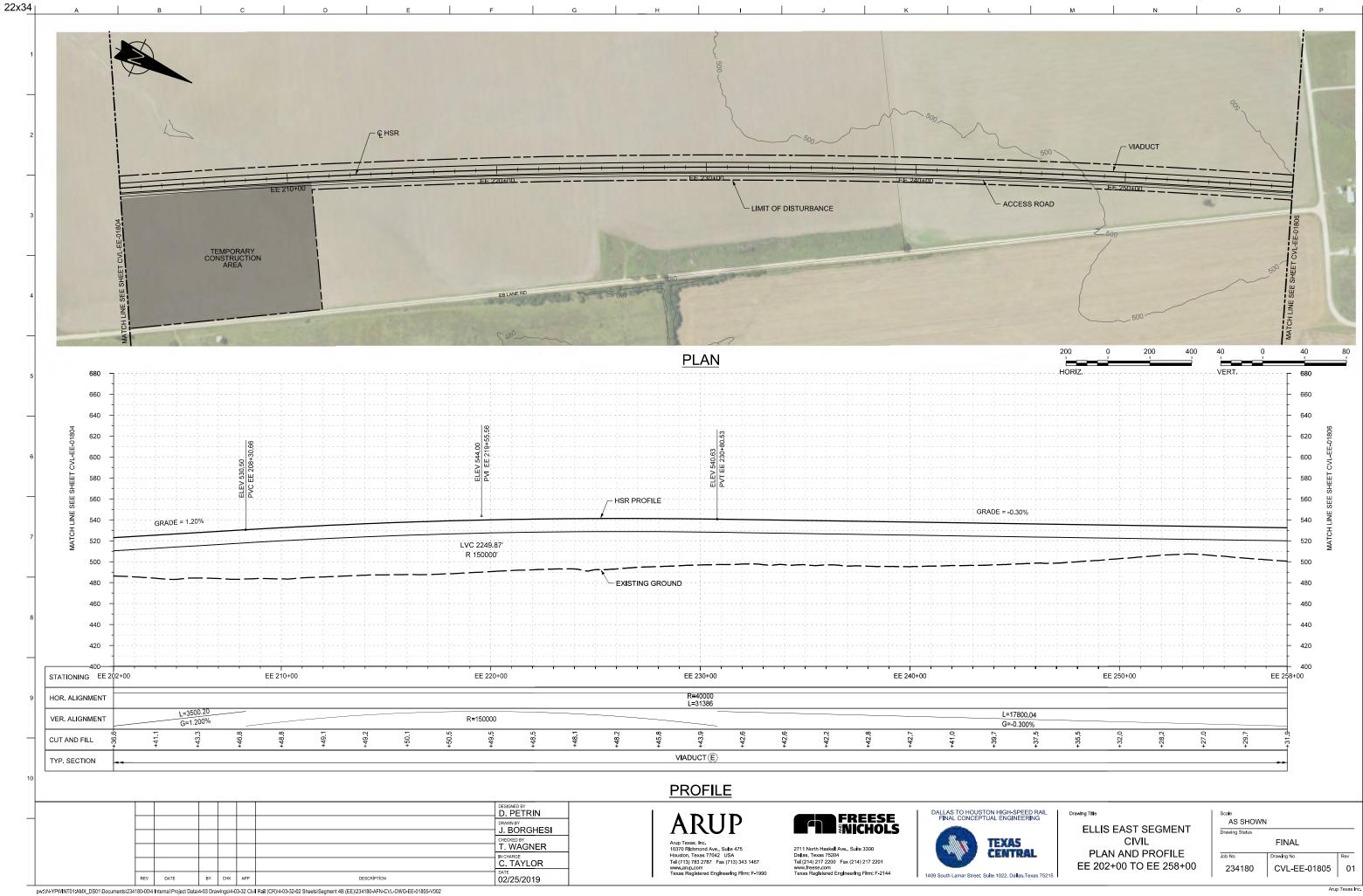


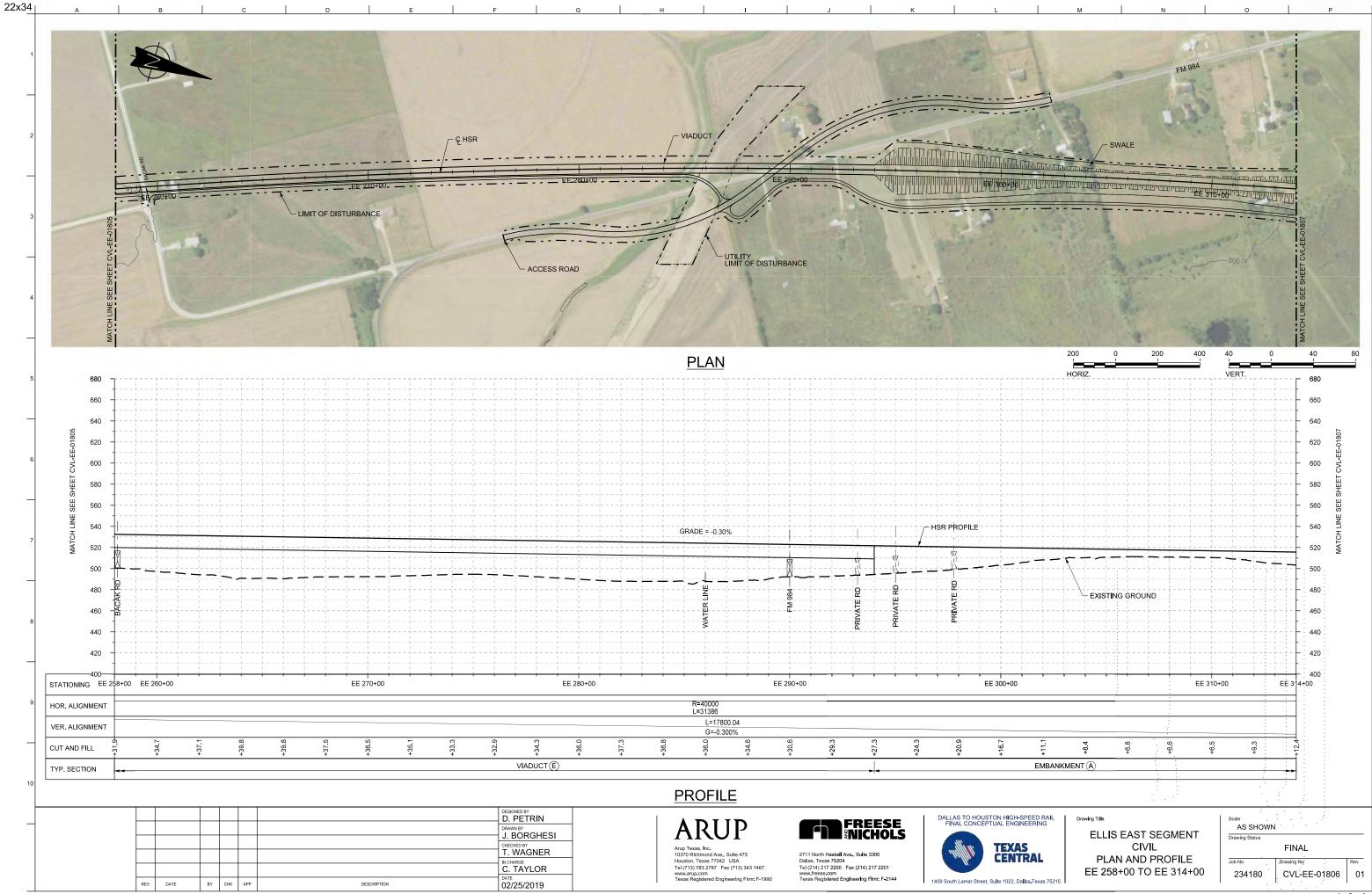




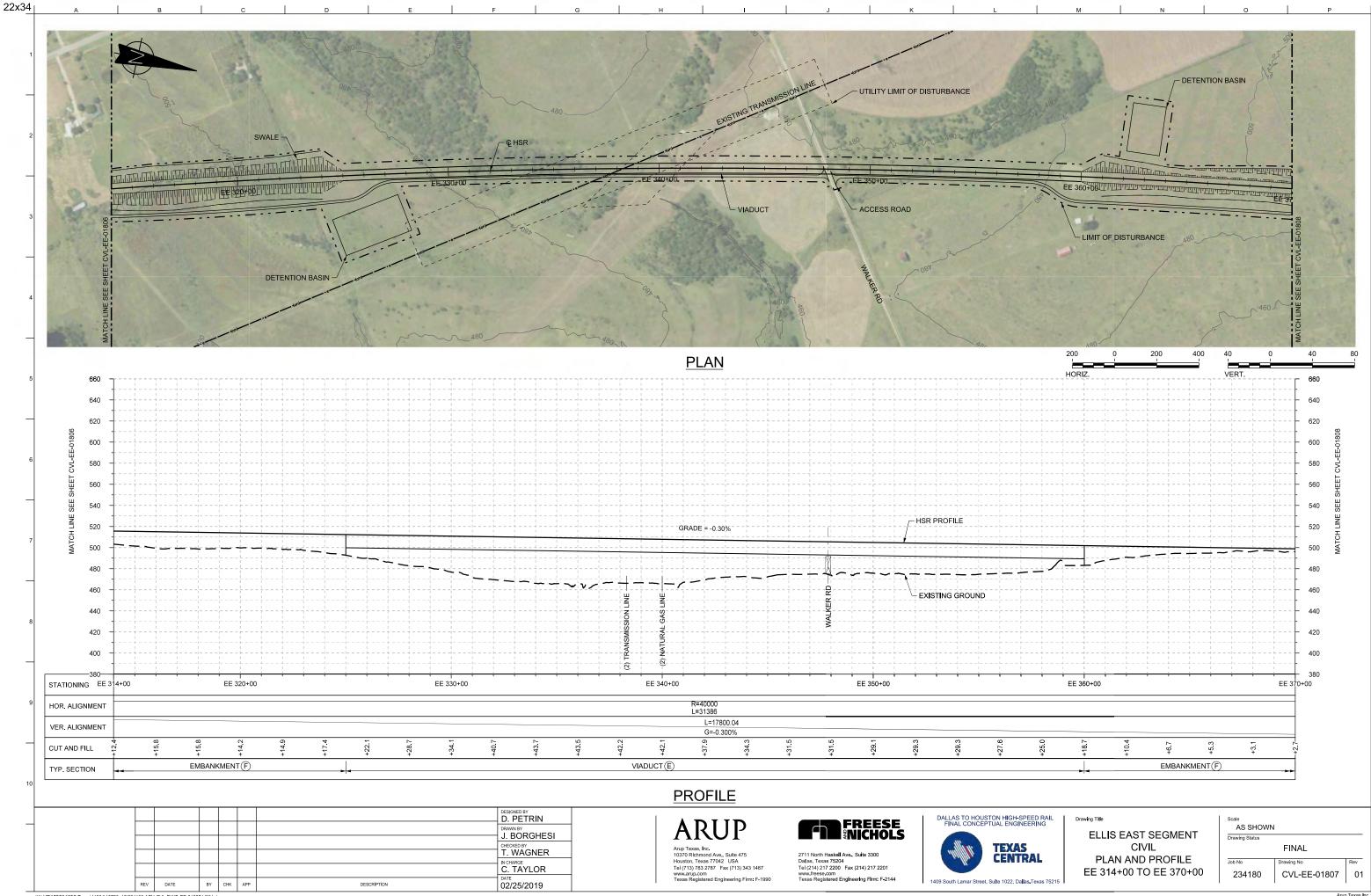
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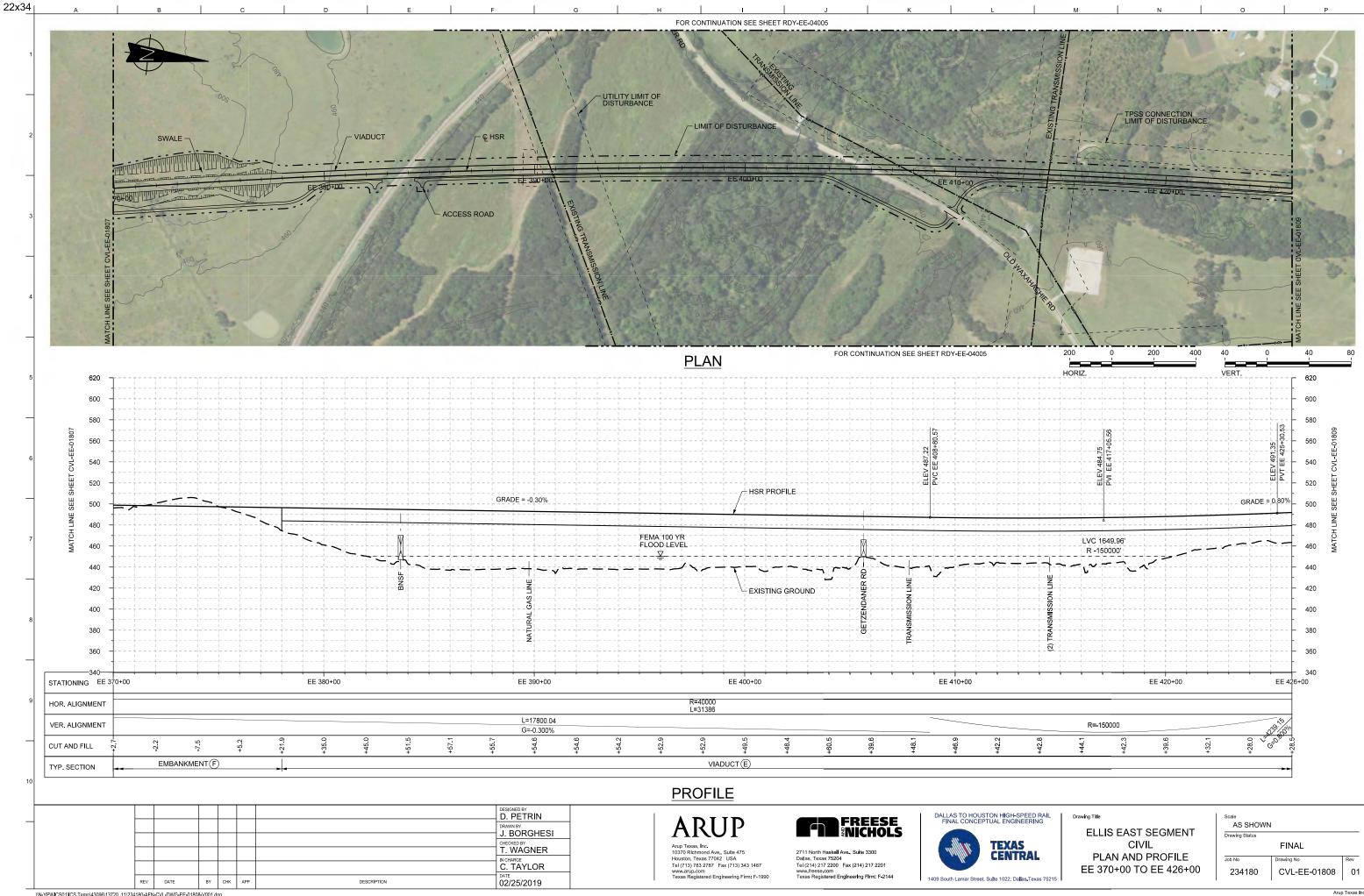
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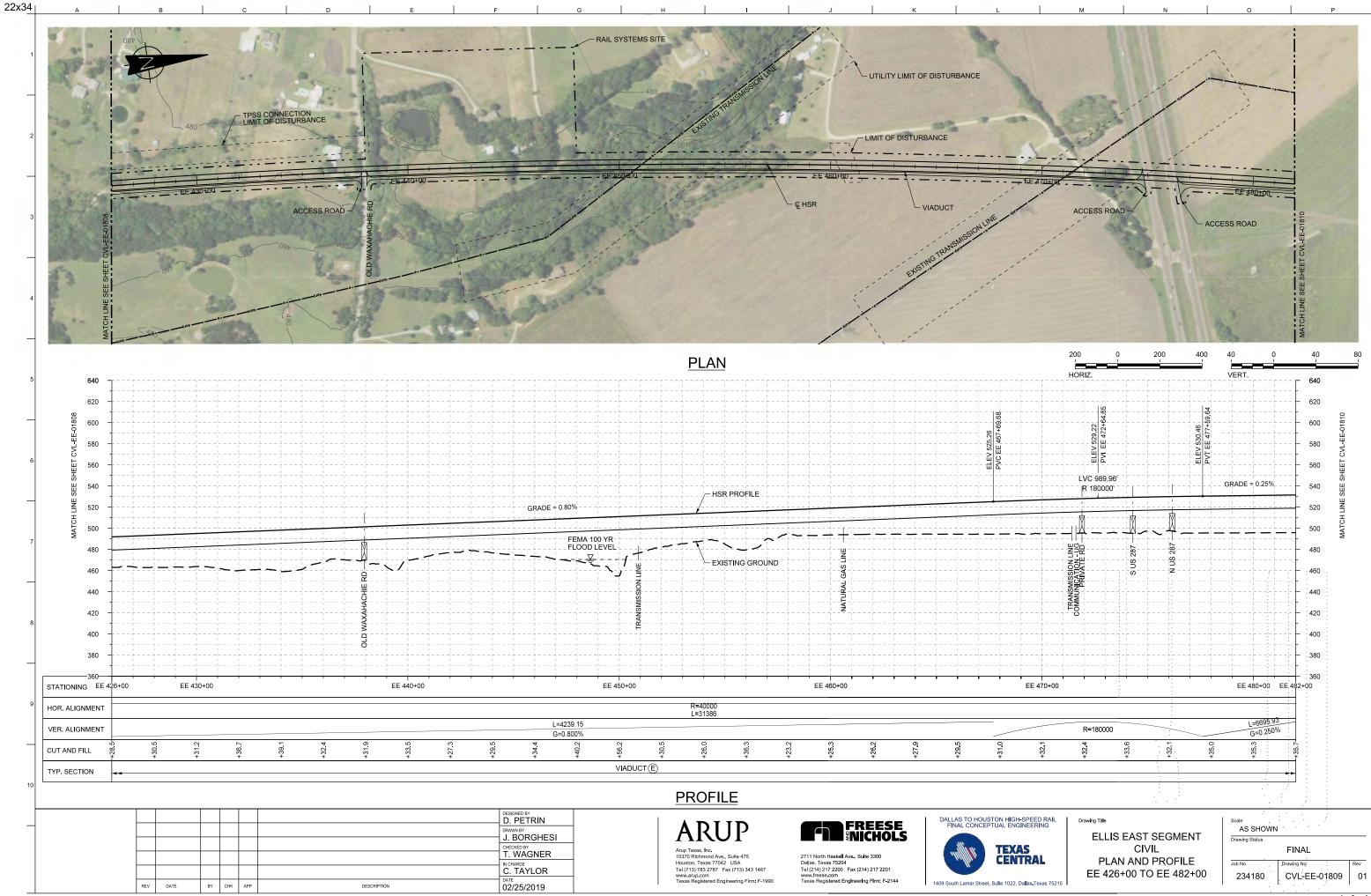
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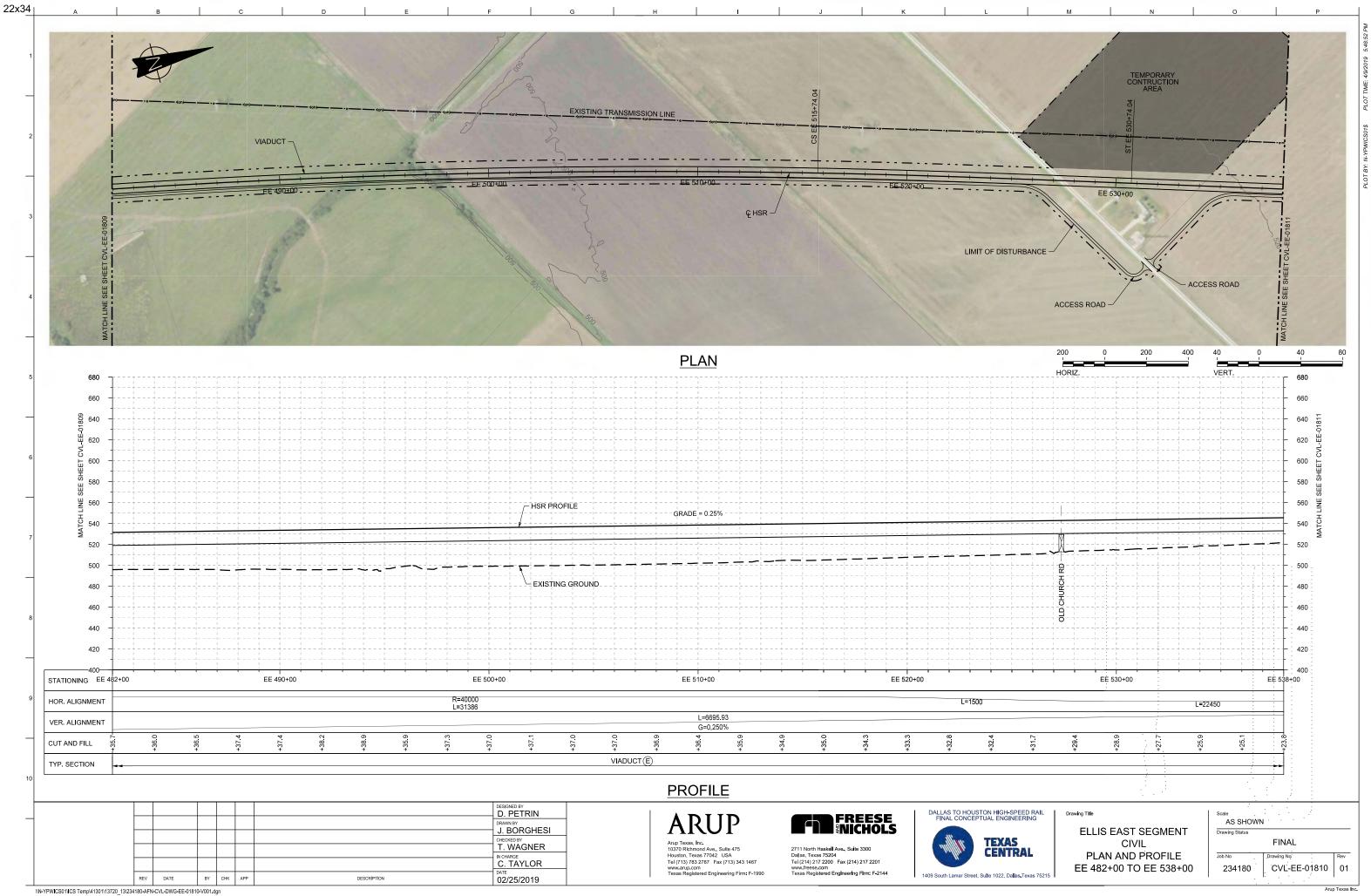
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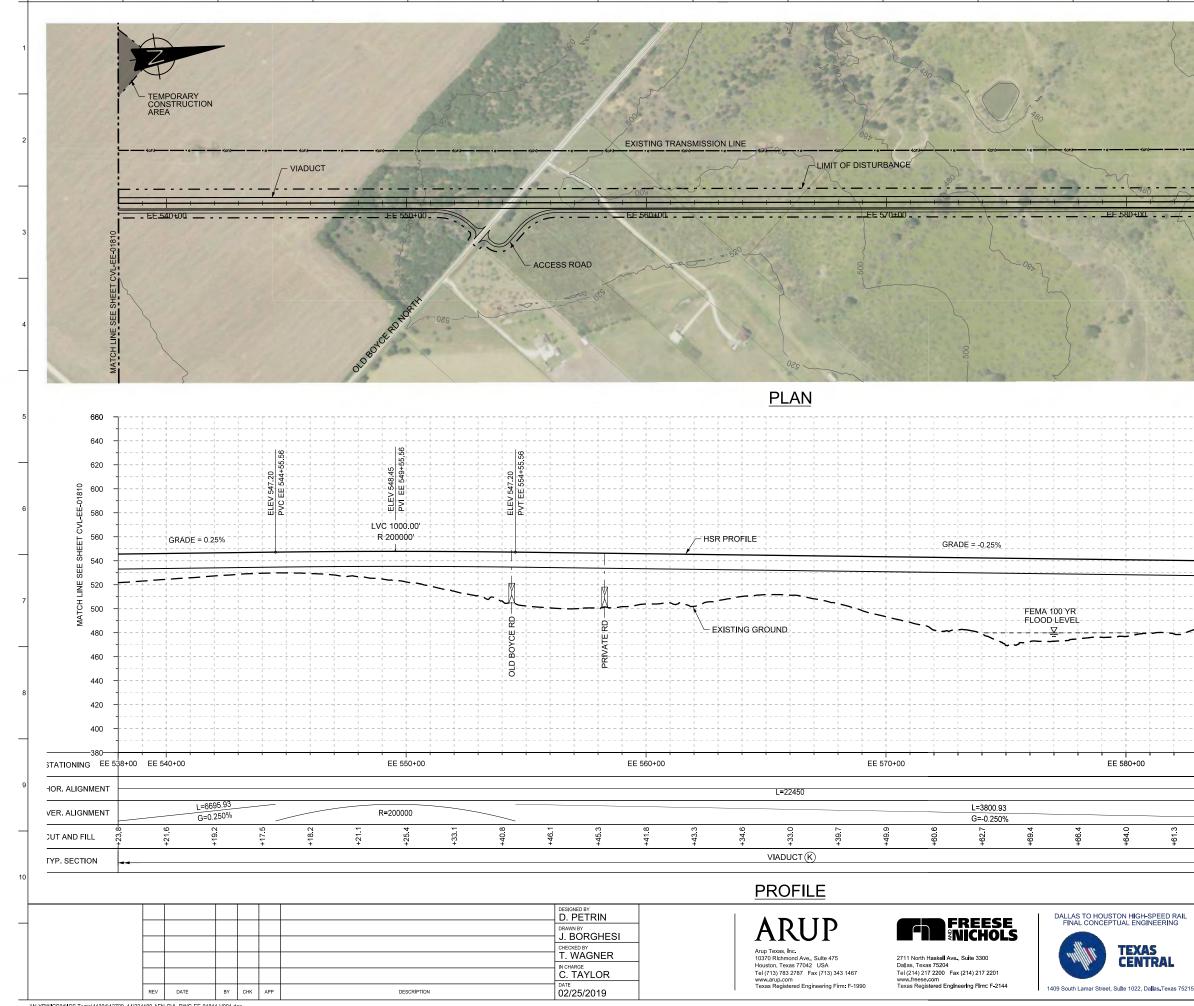


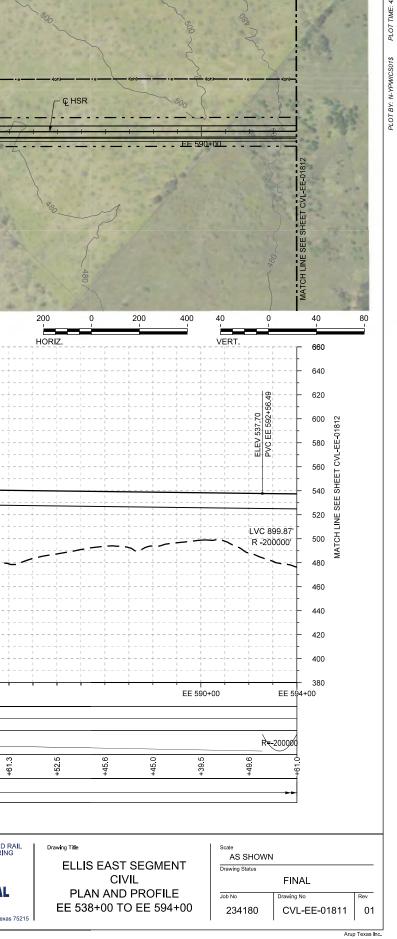


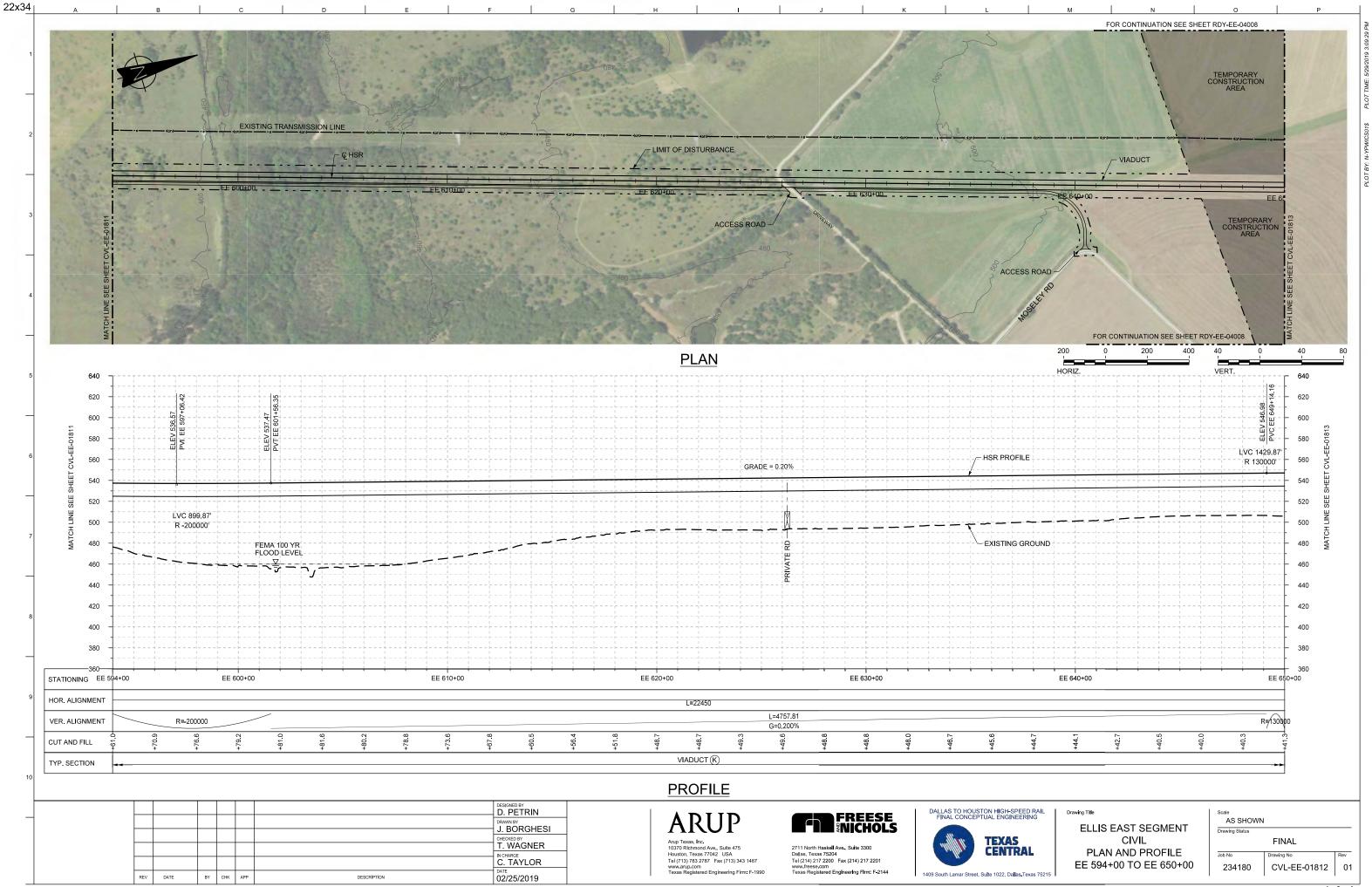
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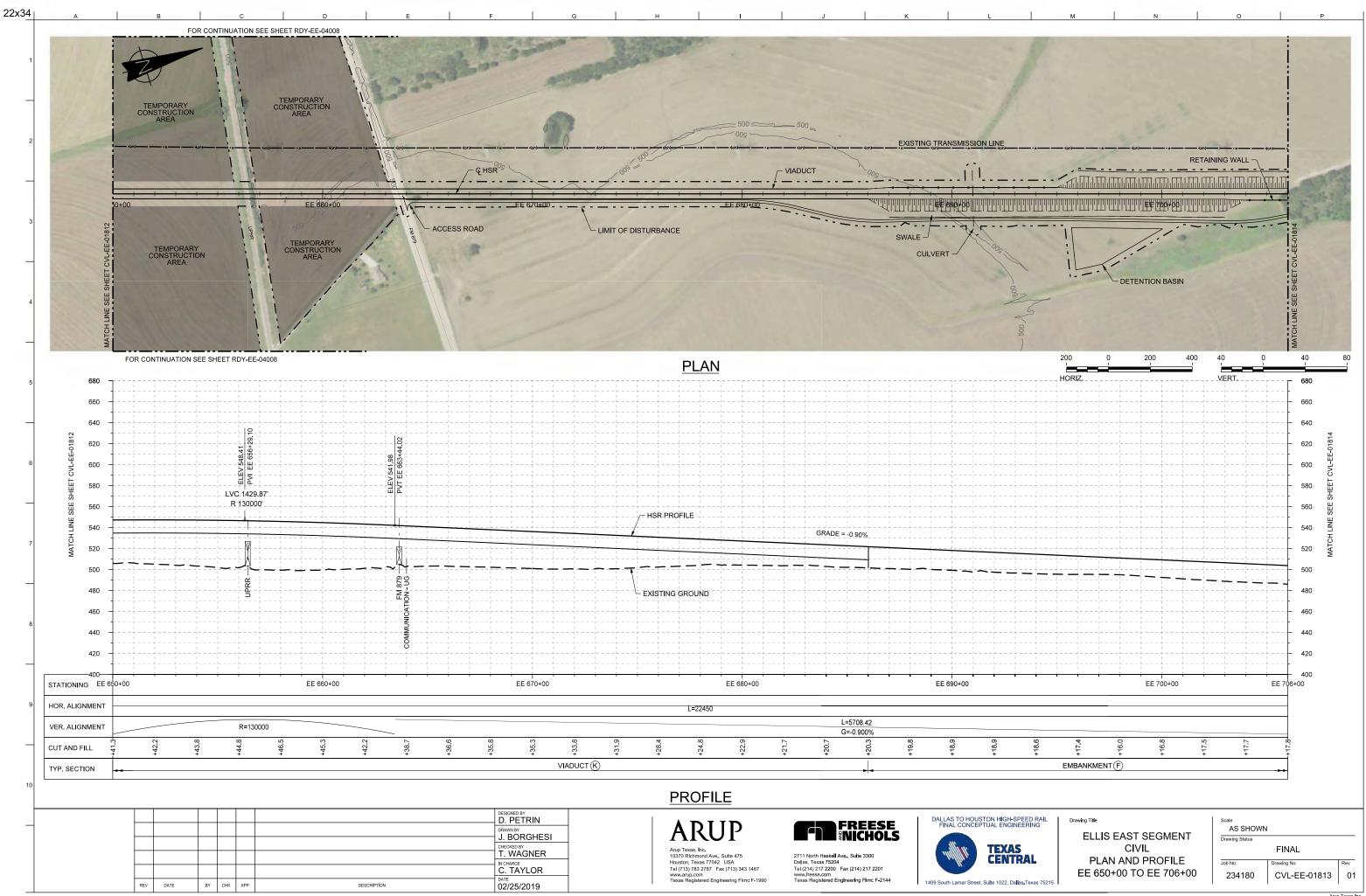


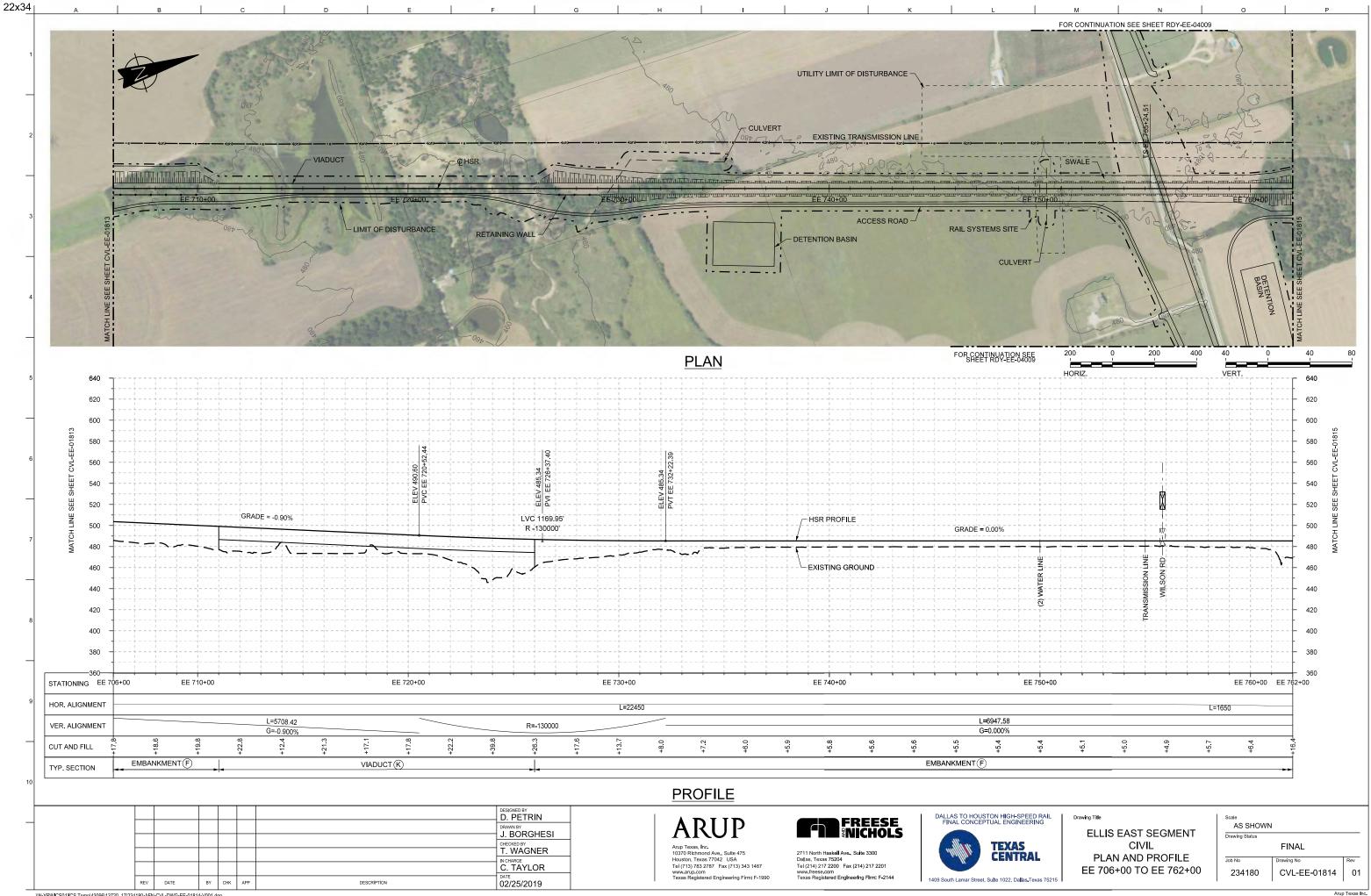




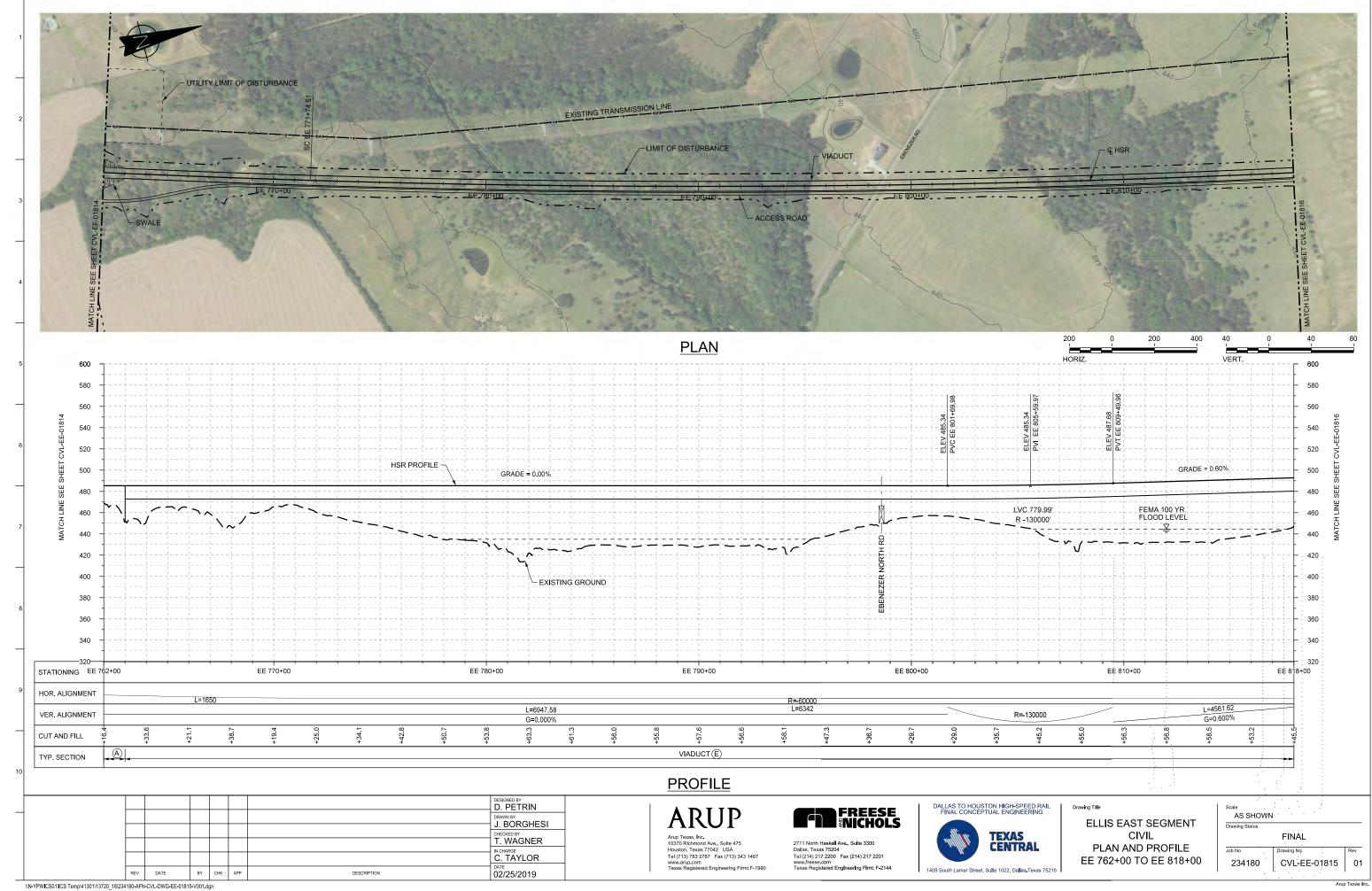


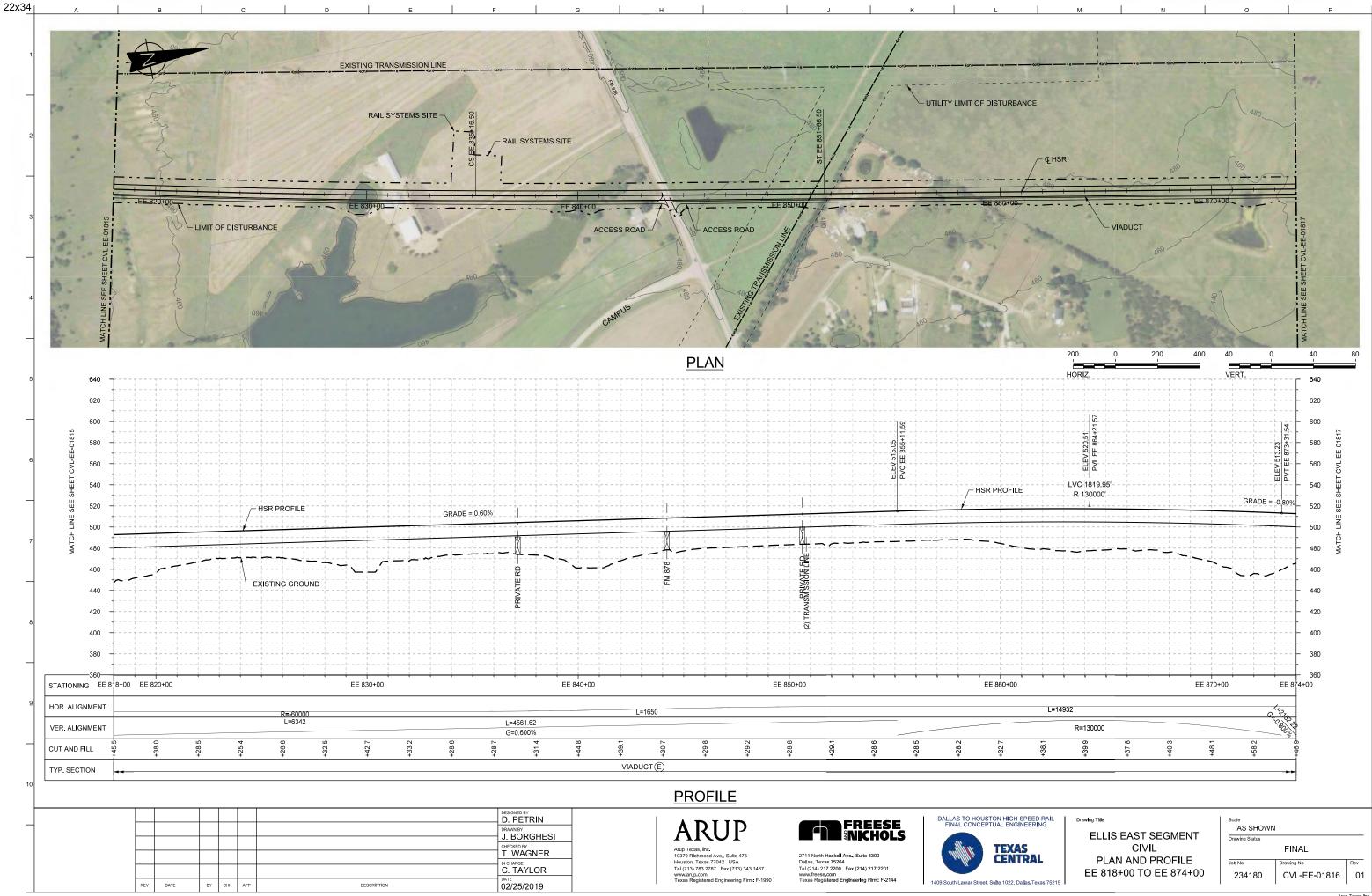
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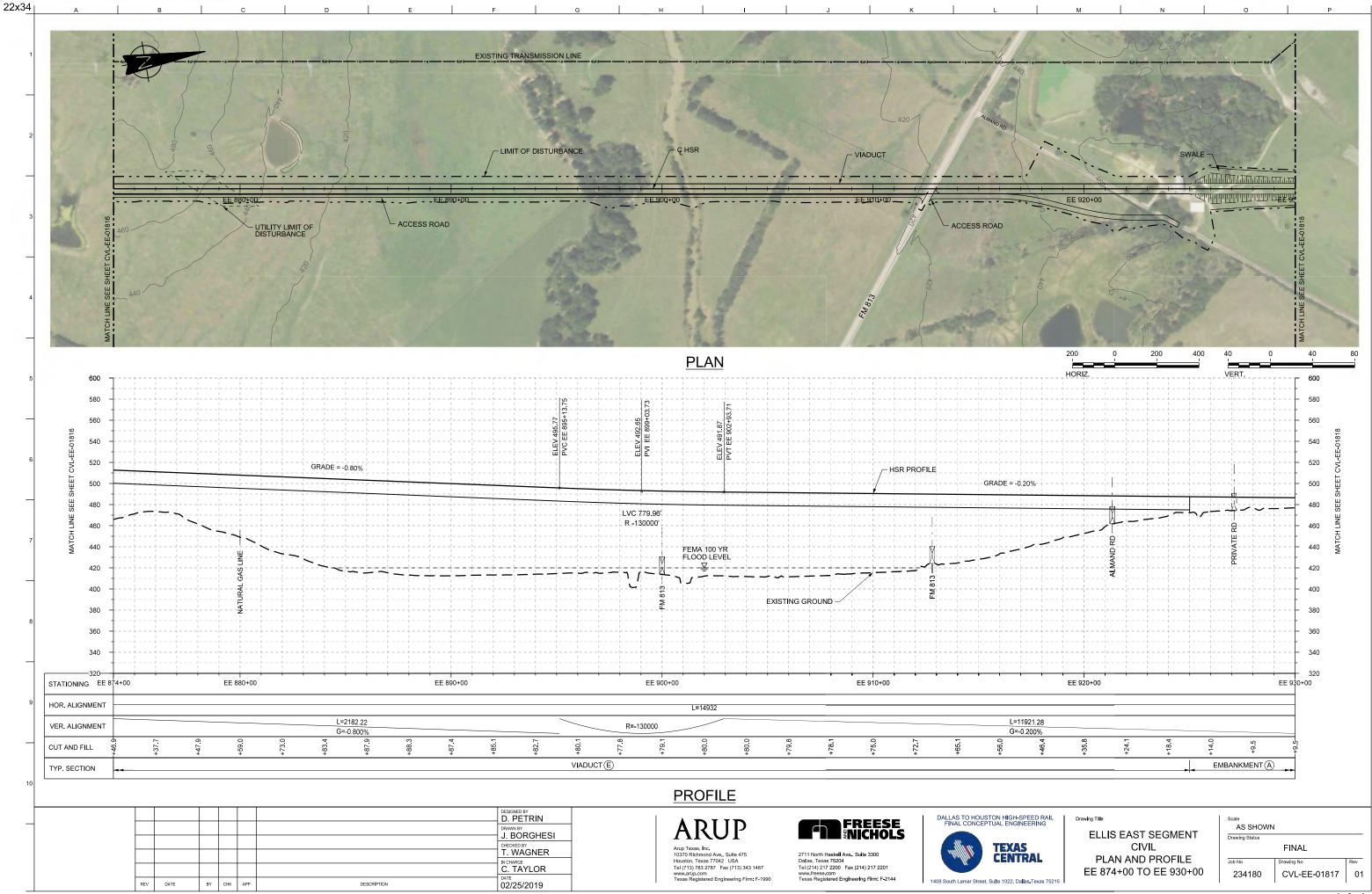


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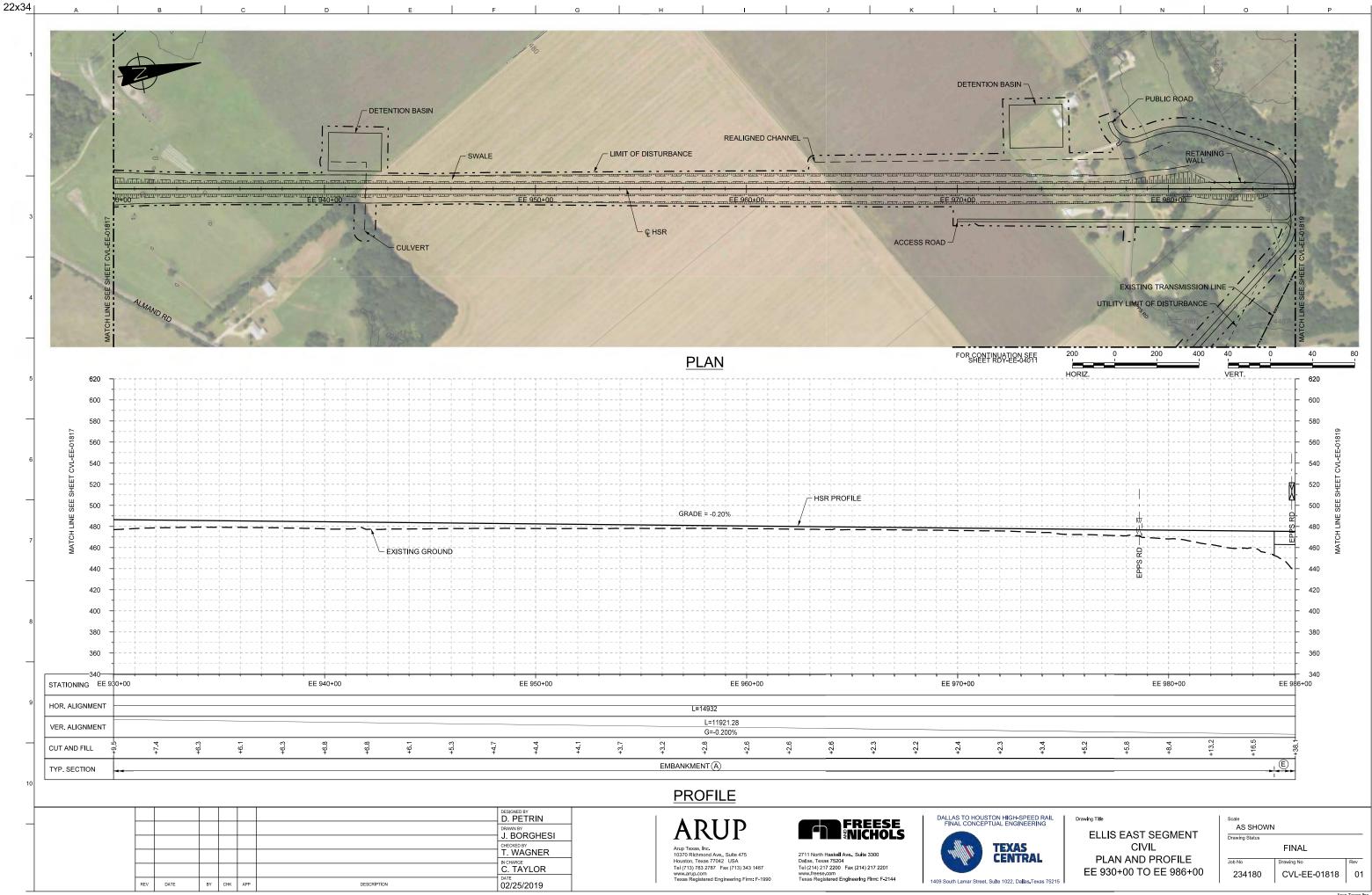


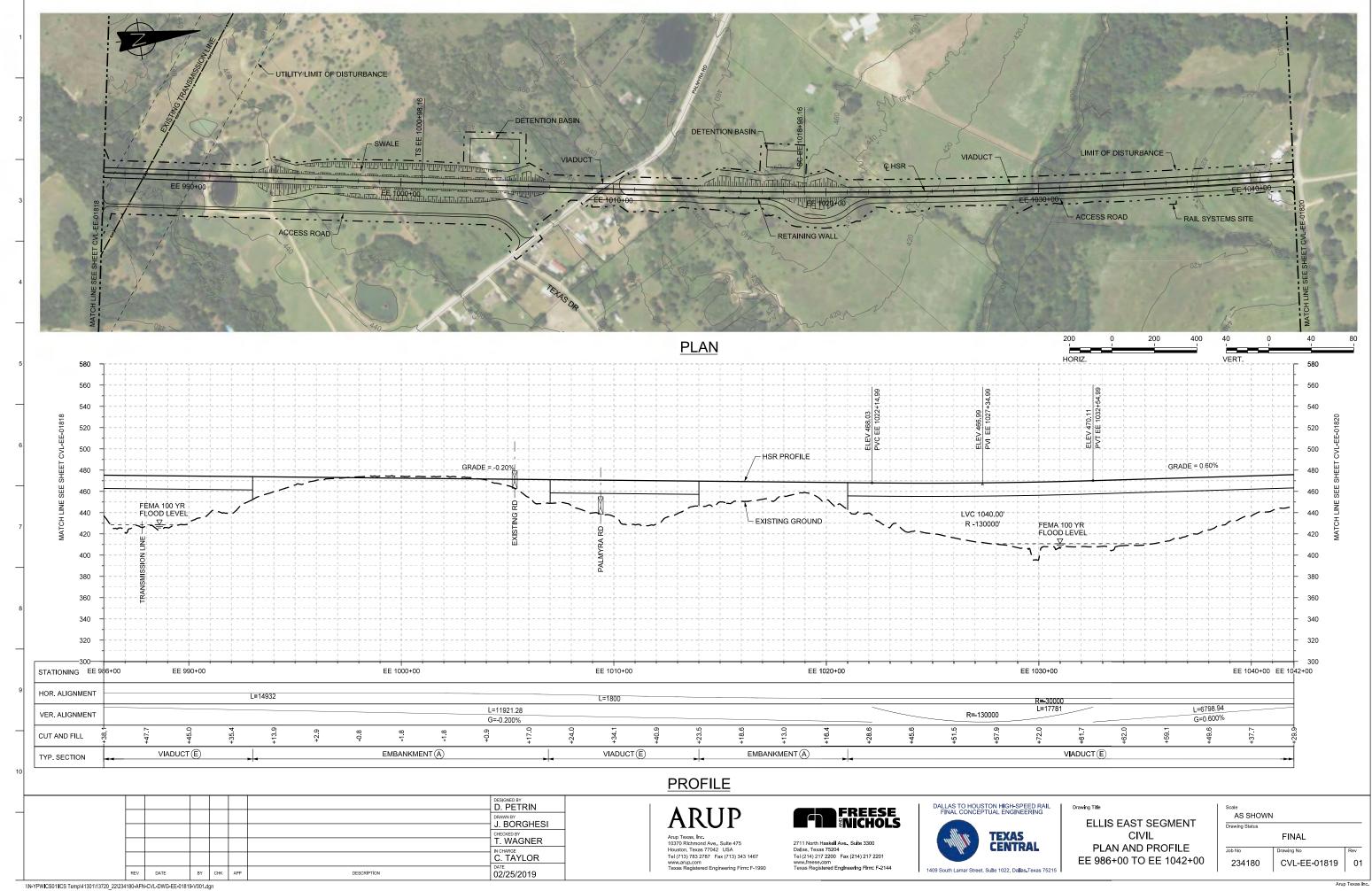


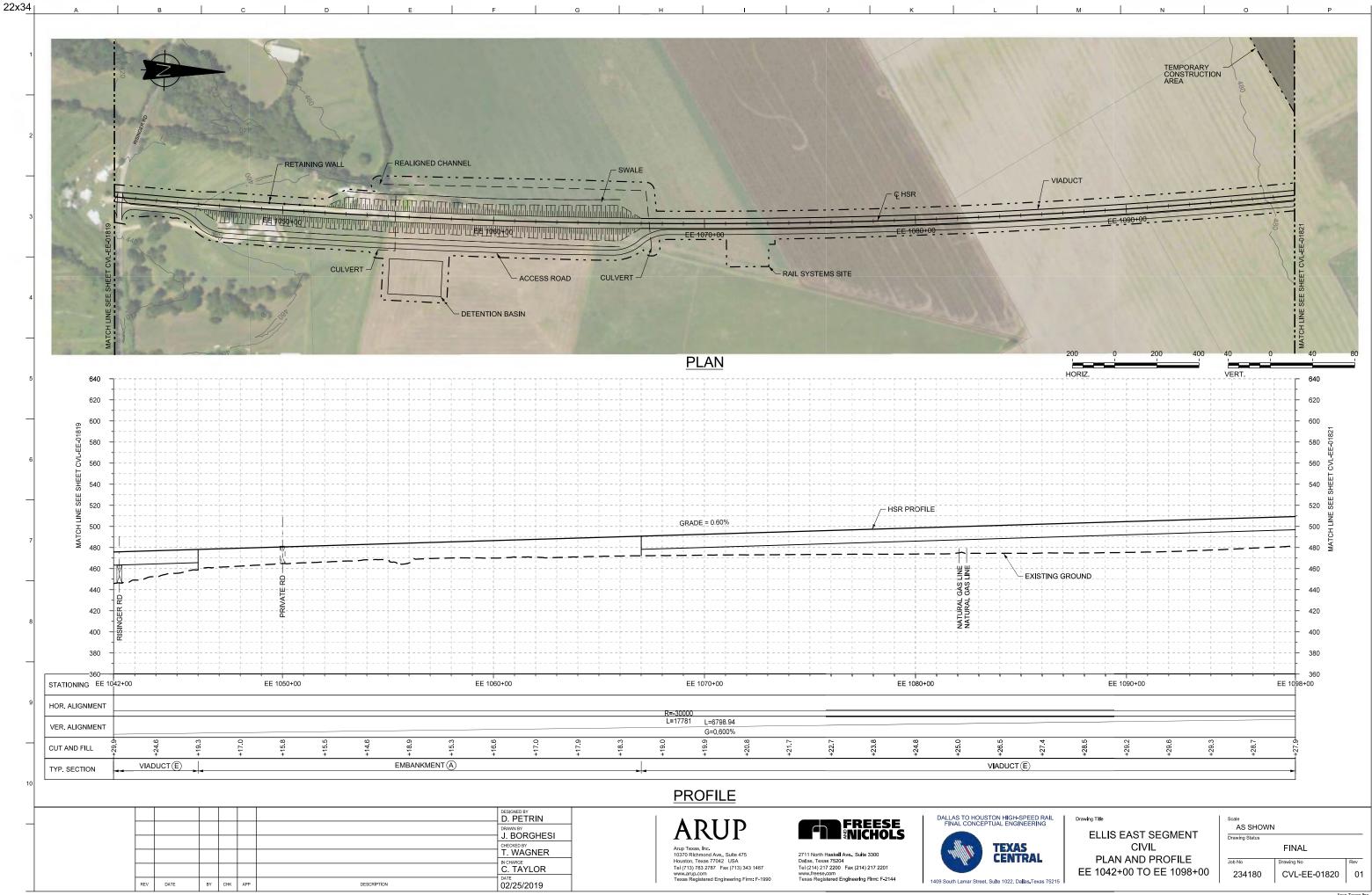
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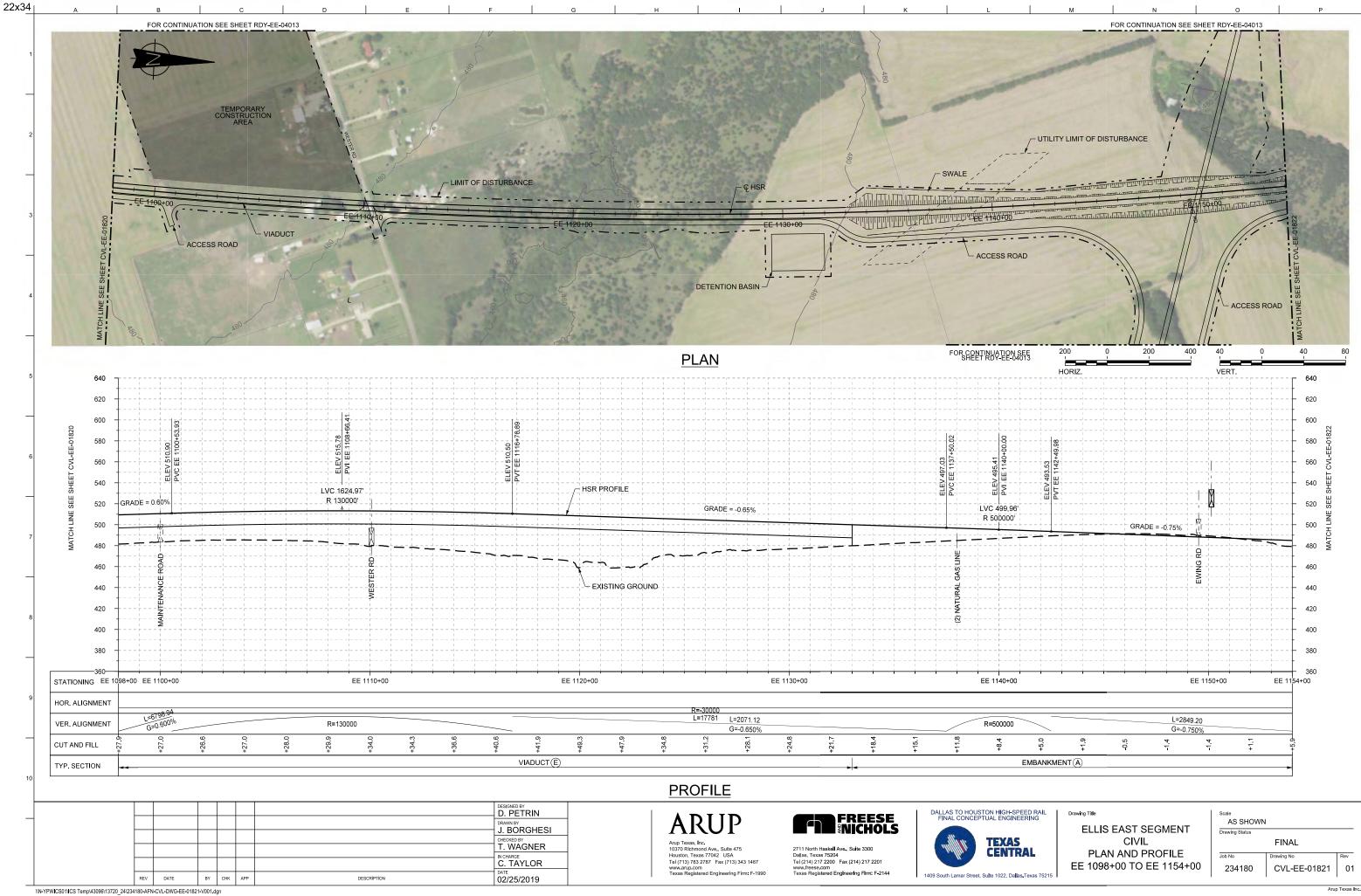




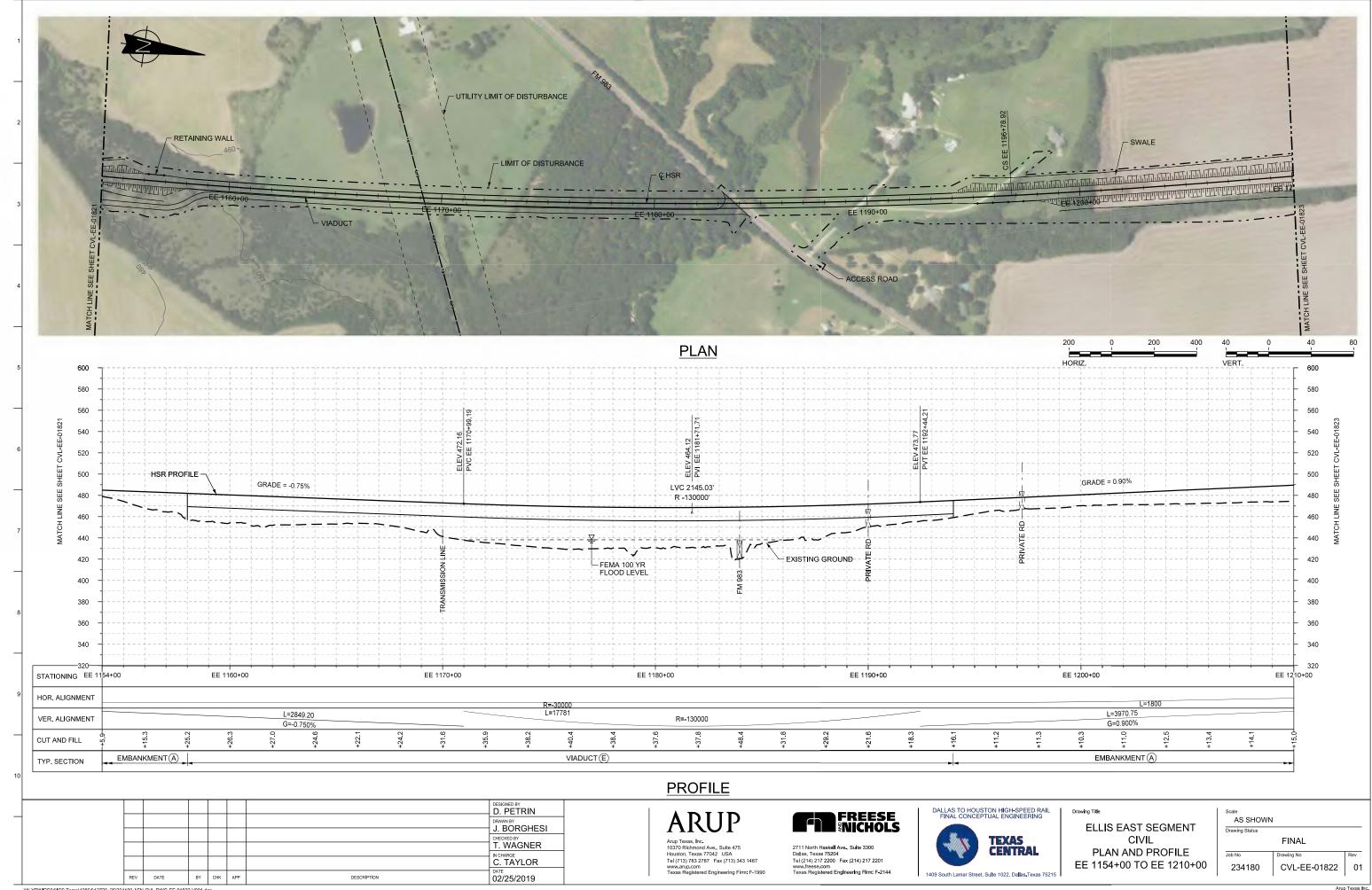


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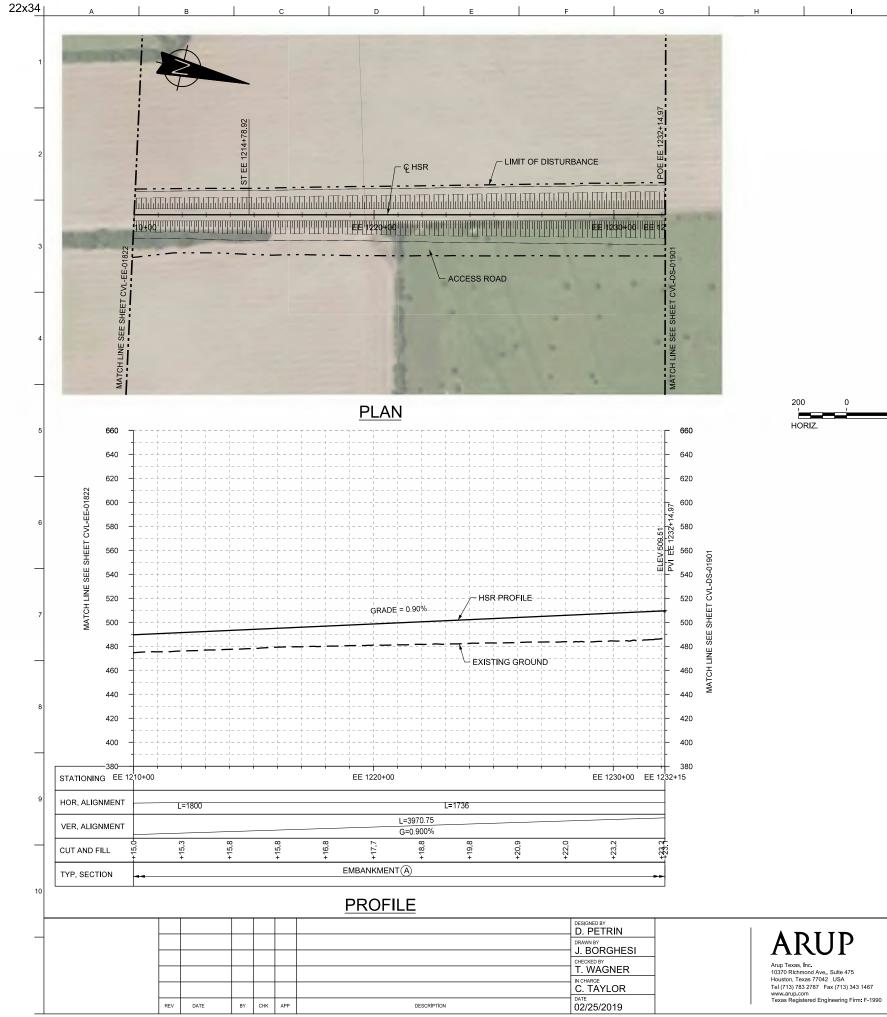
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2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.frees.com Texas Registered Engineering Firm: F-2144



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DALLAS TO HOUSTON HIGH-SPEED RAIL FINAL CONCEPTUAL ENGINEERING Drawing Title ELLIS EAST SEGMENT TEXAS CENTRAL CIVIL PLAN AND PROFILE EE 1210+00 TO EE 1232+15

FINAL	
Drawing No	Rev
CVL-EE-01823	01
	FINAL Drawing No