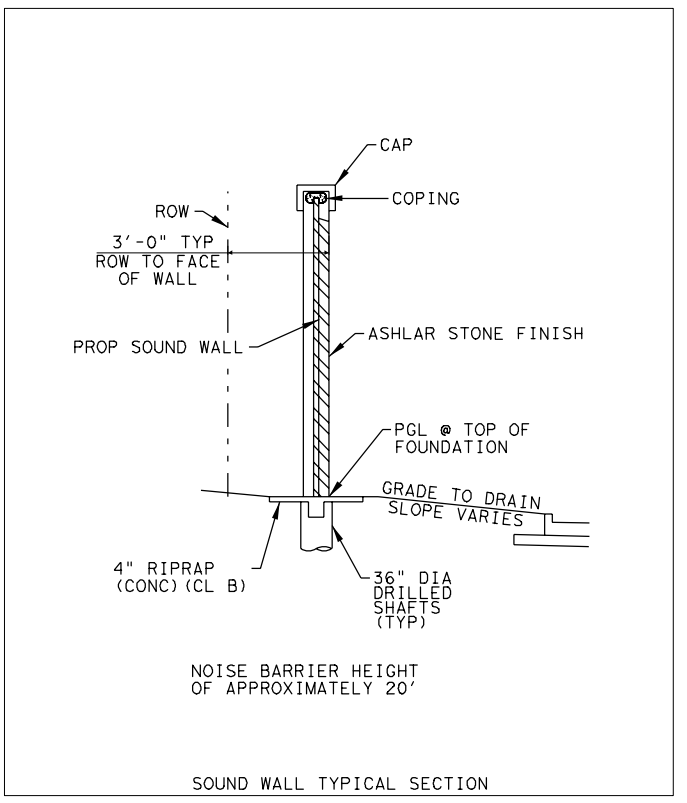
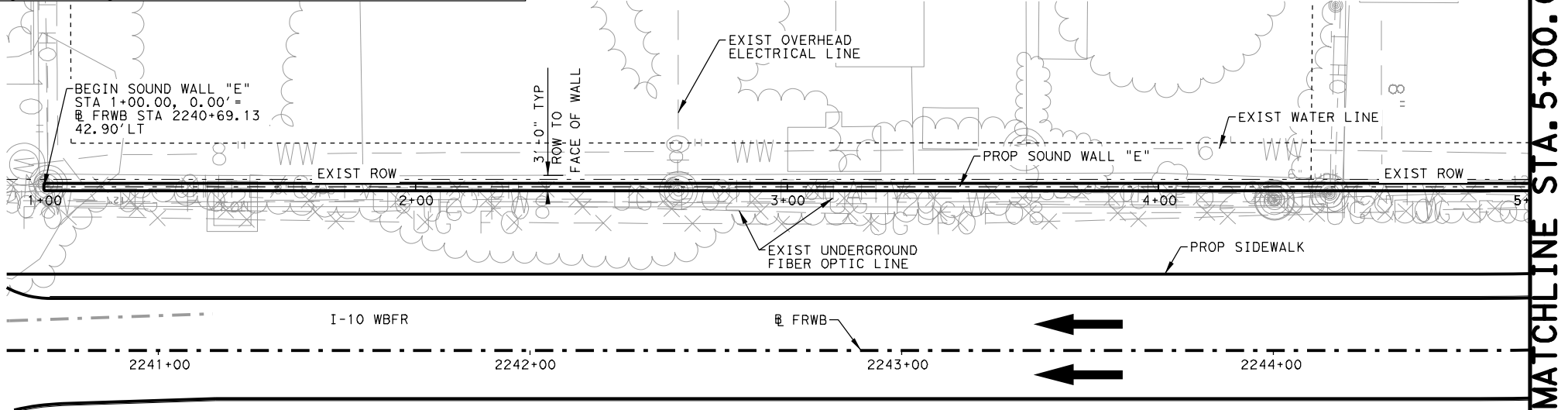


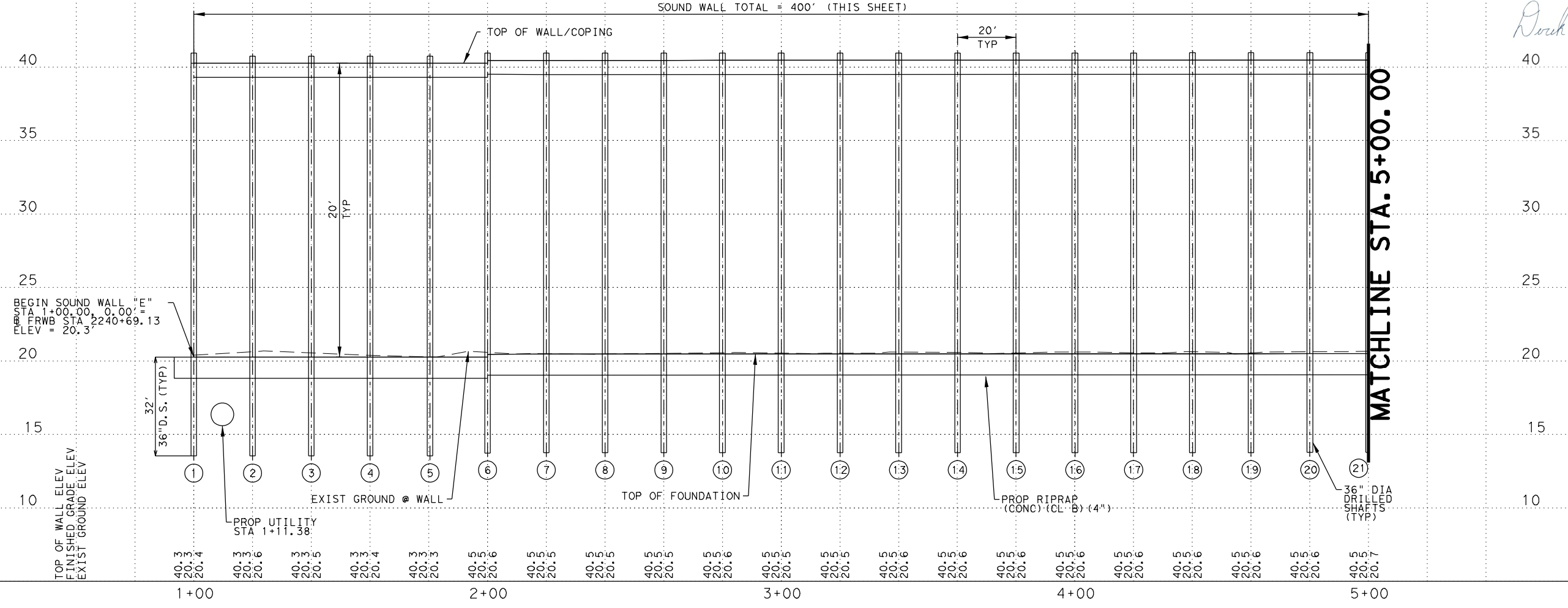
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 FILE: Projects\1074500 - BMT 10 69 Interchanges\4C - Design Eastex\4 - Design\Plan Set\9 - Environmental\1069\_EASTEX\_SOUND\_WALL\_2E\_1.dgn

Alignment Name: SOUND WALL\_E  
 Alignment Description:  
 Alignment Style:

Element:	Station	Northing	Easting
Linear POT	( ) 100.000 R1	13978780.16	3506160.119
Linear PI	( ) 531.526 R1	13979210.83	3506132.973
Tangential Direction: N3.607°W			
Tangential Length: 431.526			
Linear POT	( ) 531.526 R1	13979210.83	3506132.973
Linear PI	( ) 669.080 R1	13979330.07	3506064.387
Tangential Direction: N29.908°W			
Tangential Length: 137.554			



SOUND WALL "E" QUANTITIES				
ITEM	EST.	FIN.	UNIT	DESCRIPTION
416-6004	960		LF	DRILL SHAFT (36 IN)
432-6006	21		CY	RIPRAP (CONC) (CL B)
4090-6001	569		LF	NOISE WALL



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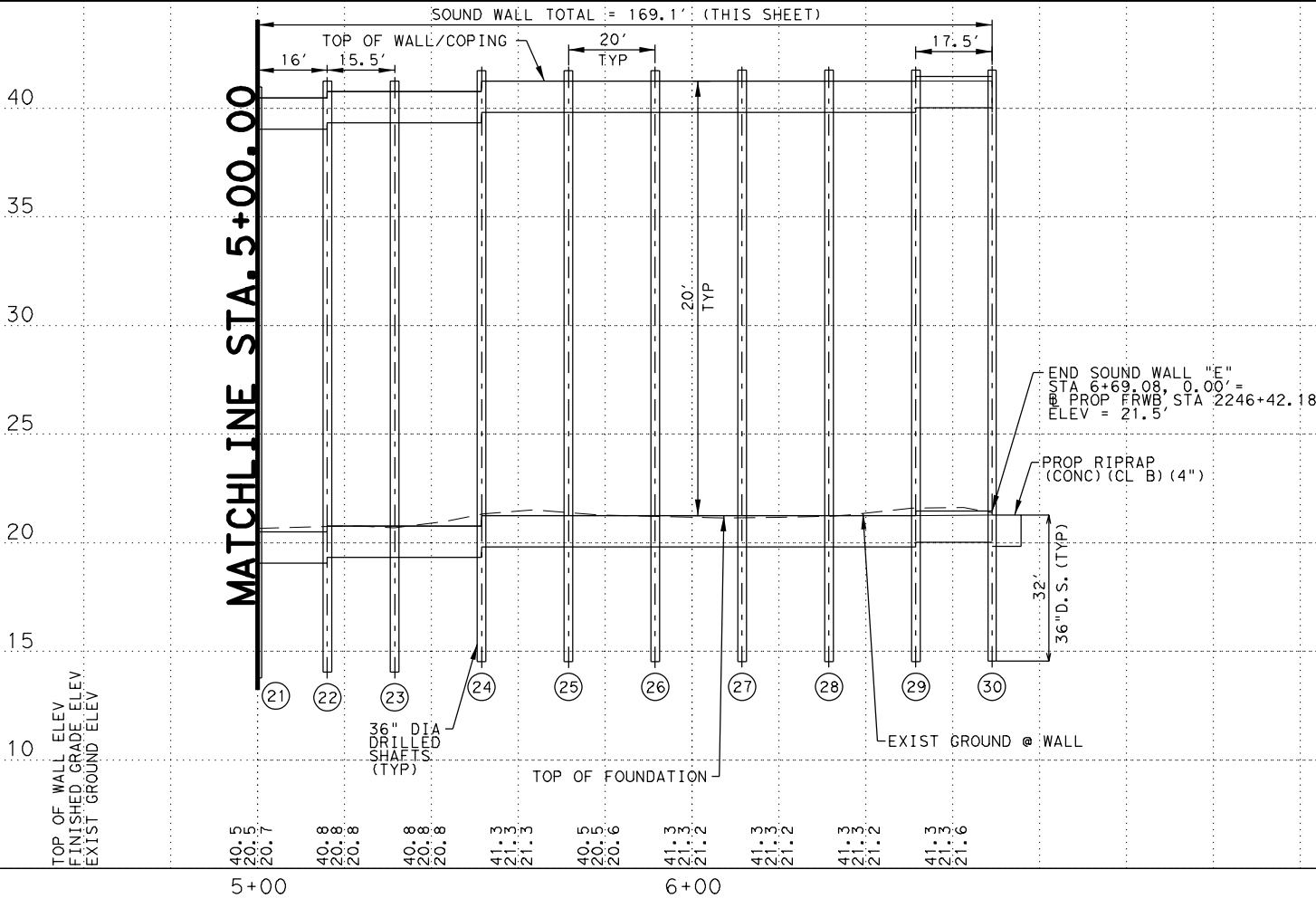
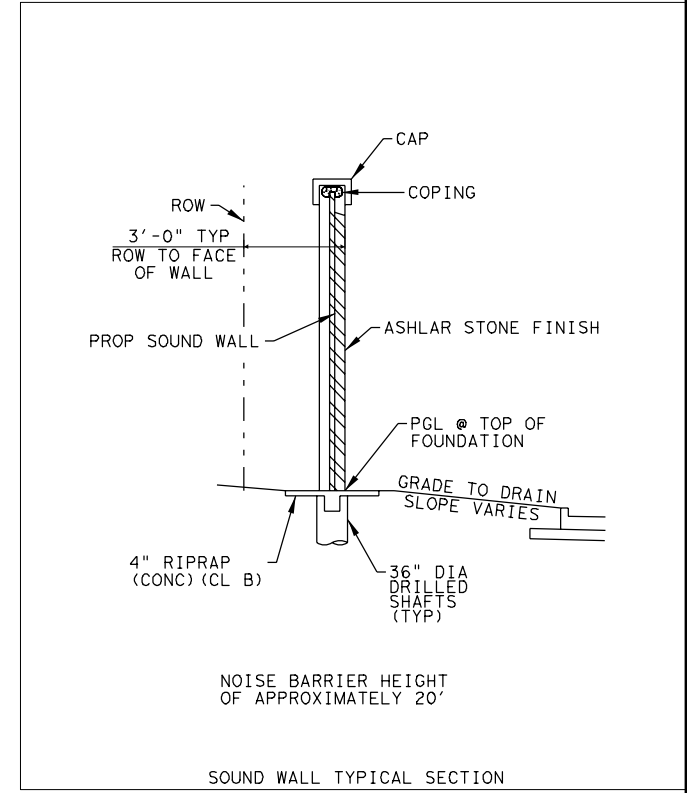
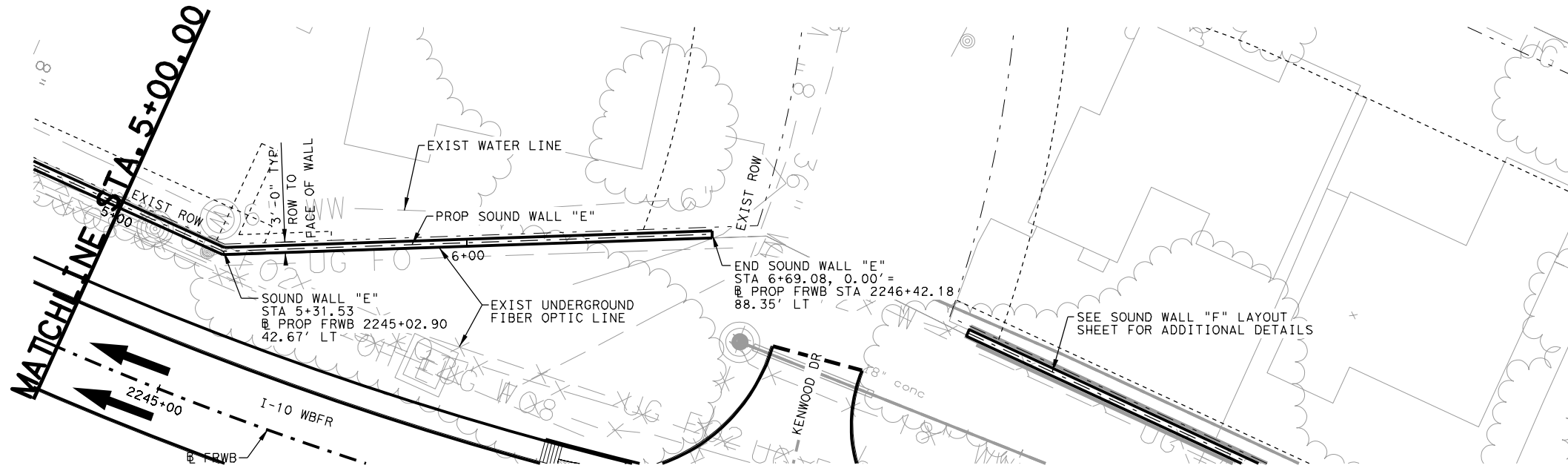
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 SCALE: 1" = 40' (H)  
 1" = 8' (V)

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 Texas Department of Transportation

IH 10 AT US 69  
 SOUND WALL "E" LAYOUT

SHEET 1 OF 2			
CONT	SECT	JOB	HIGHWAY
0028	13	135	IH 10
DIST	COUNTY	SHEET NO.	
BMT	JEFFERSON	679	

DATE: 20-FEB-2024 15:46  
 FILE: Projects\1074500 - BMT 10 69 Interchanges\4C - Design Eastex\4 - Design\Plan Set\9 - Environmental\1069\_EASTEX\_SOUND\_WALL\_2E\_2.dgn



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20 0 20 40  
 4 0 4 8  
 SCALE: 1" = 40' (H)  
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IH 10 AT US 69  
 SOUND WALL "E" LAYOUT

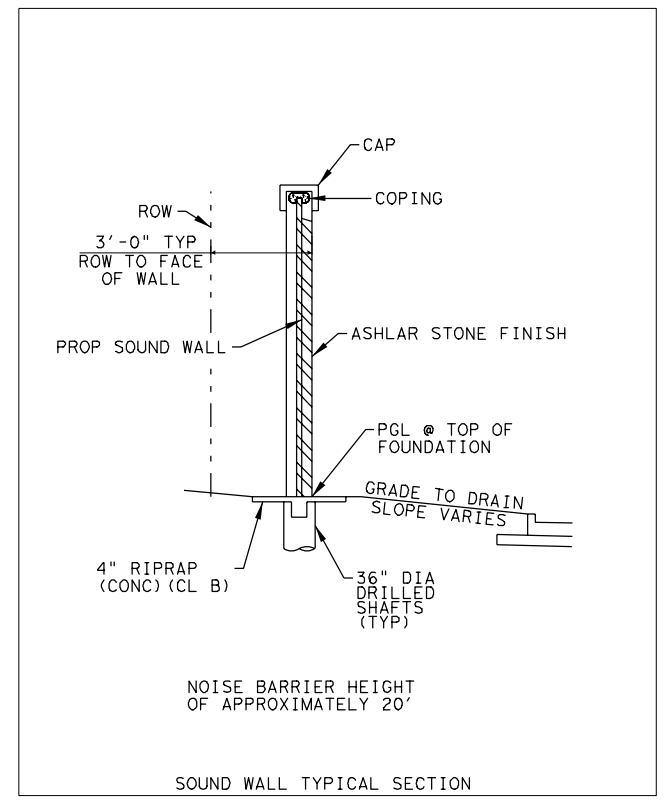
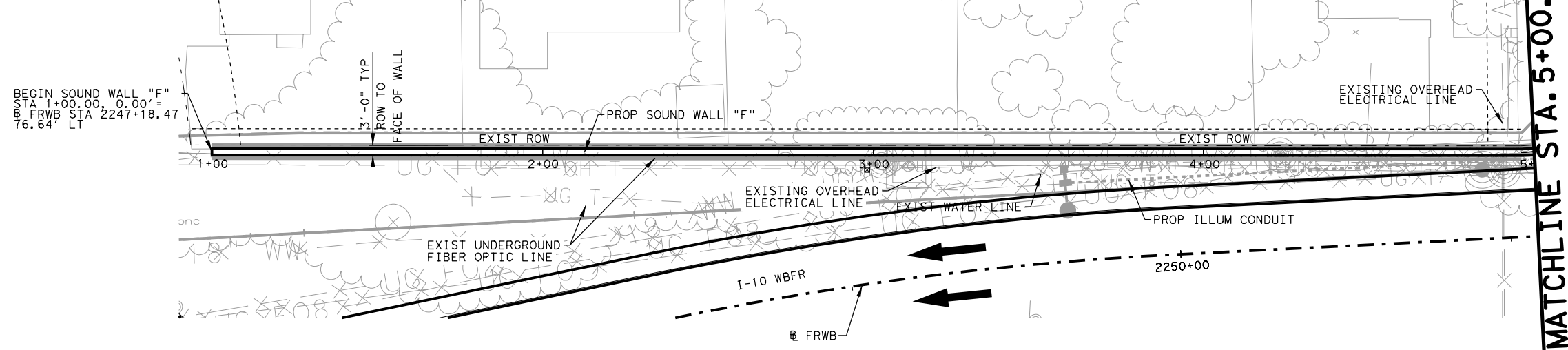
SHEET 2 OF 2

CONT	SECT	JOB	HIGHWAY
0028	13	135	IH 10
DIST	COUNTY	SHEET NO.	
BMT	JEFFERSON	680	

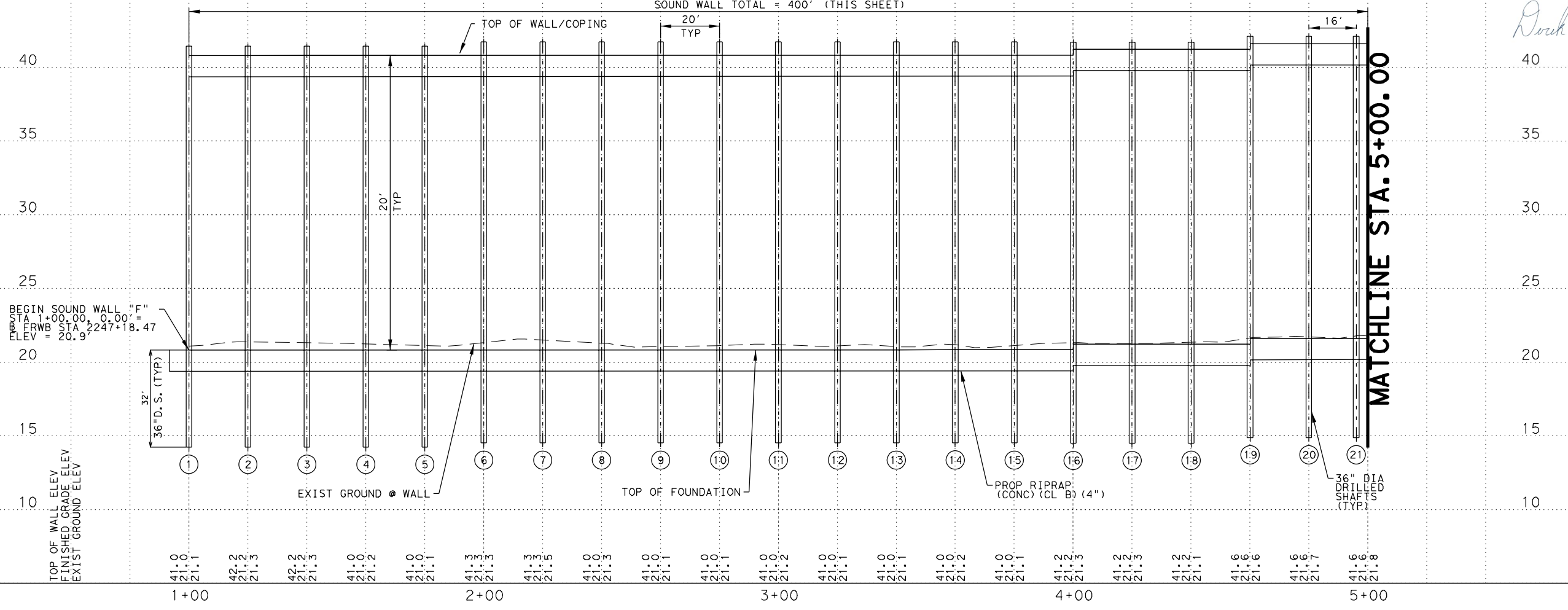
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Alignment Name: SOUND\_WALL\_F  
 Alignment Description:  
 Alignment Style:

Element:	Station	Northing	Easting
Linear POT ( )	100.000 R1	13979406.51	3506055.185
PI ( )	496.039 R1	13979801.95	3506033.51
Tangential Direction: N3.137°W			
Tangential Length: 396.039			
Linear POT ( )	496.039 R1	13979801.95	3506033.51
PI ( )	842.699 R1	13980146.75	3505997.615
Tangential Direction: N5.943°W			
Tangential Length: 346.66			



SOUND WALL "F" QUANTITIES				
ITEM	EST.	FIN.	LF	DESCRIPTION
416-6004	1248		LF	DRILL SHAFT (36 IN)
432-6006	28		CY	RIPRAP (CONC) (CL B)
4090-6001	743		LF	NOISE WALL



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SCALE: 1" = 40' (H)  
 1" = 8' (V)

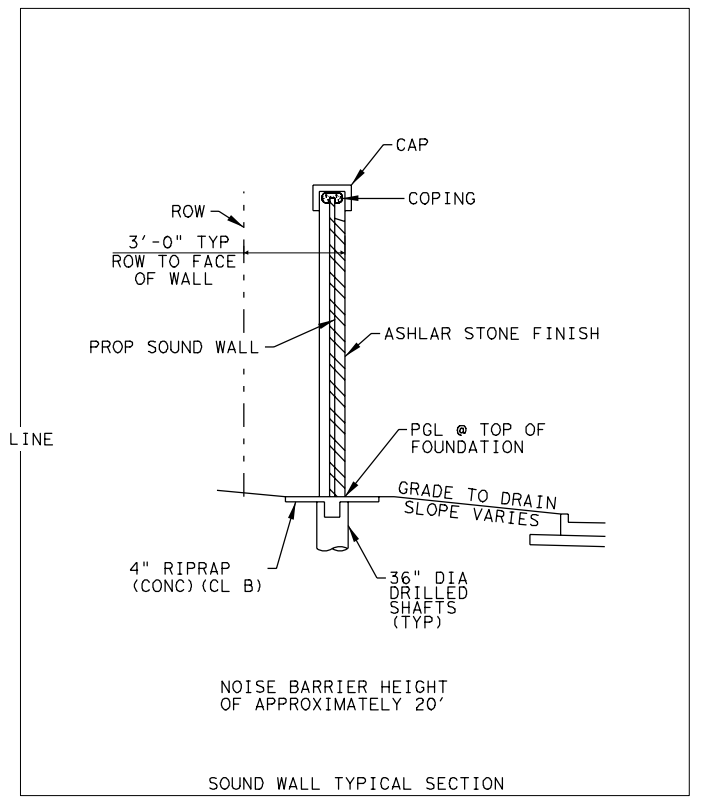
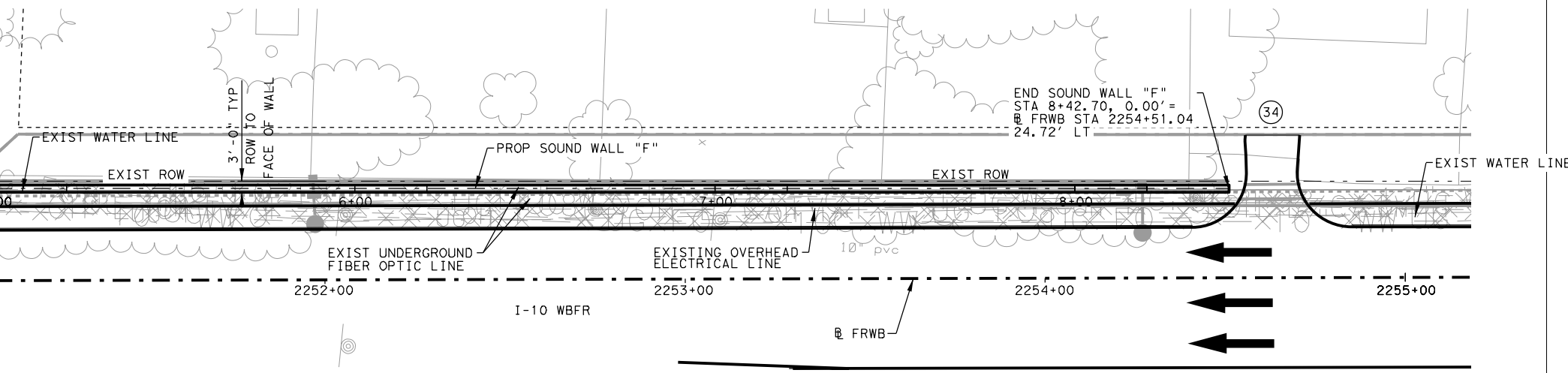
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**IH 10 AT US 69  
 SOUND WALL "F" LAYOUT**

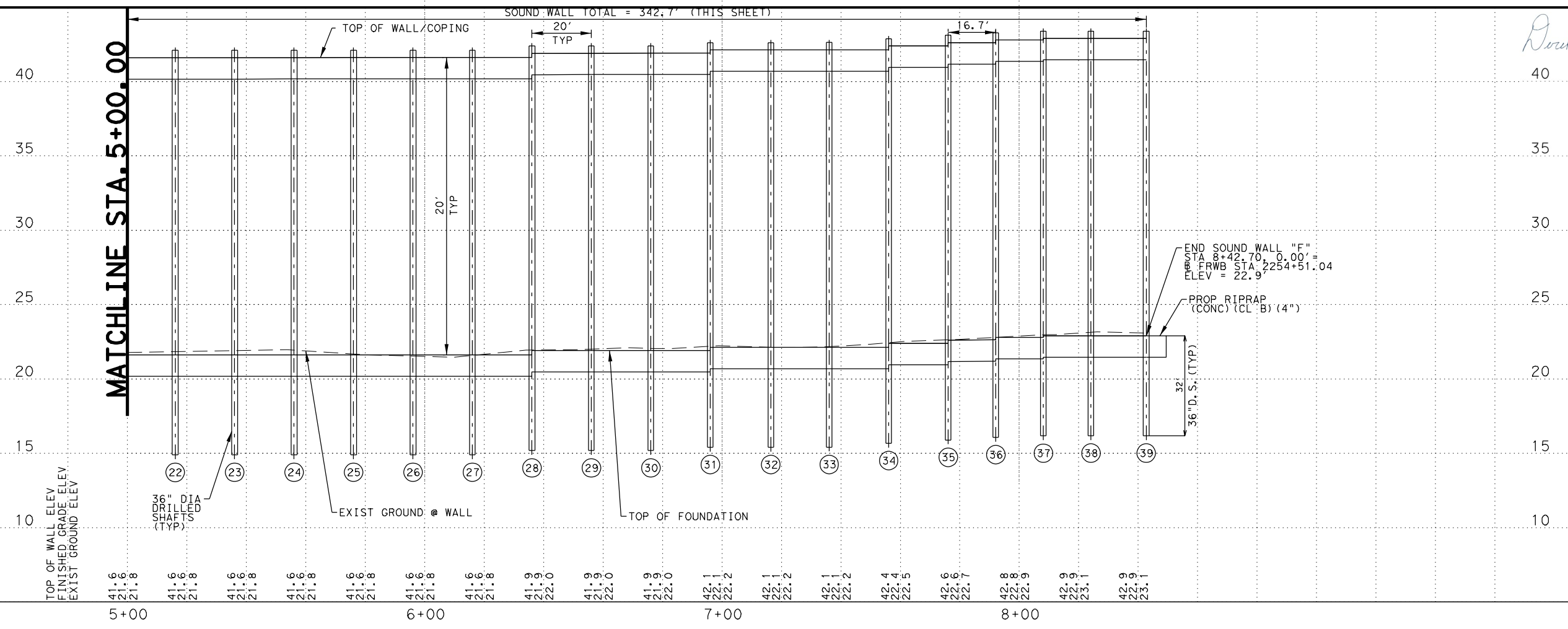
SHEET 1 OF 2			
CONT	SECT	JOB	HIGHWAY
0028	13	135	IH 10
DIST	COUNTY	SHEET NO.	
BMT	JEFFERSON	681	

DATE: 20-FEB-2024 15:51  
 FILE: Projects\1074500 - BMT 10 69 Interchanges\4C - Design Eastex\4 - Design\Plan Set\9 - Environmental\1069\_EASTEX\_SOUND\_WALL\_2F\_2.dgn

**MATCHLINE STA. 5+00.00**



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 1" = 8' (V)

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**IH 10 AT US 69  
 SOUND WALL "F" LAYOUT**

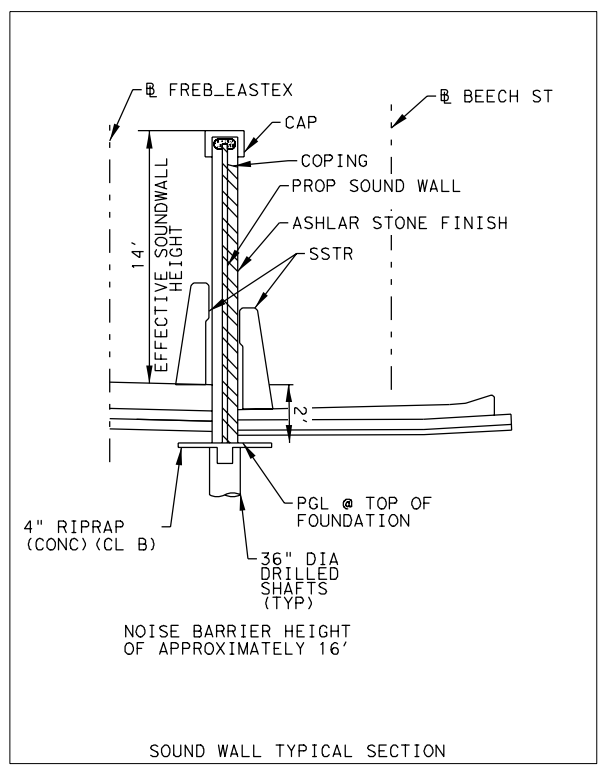
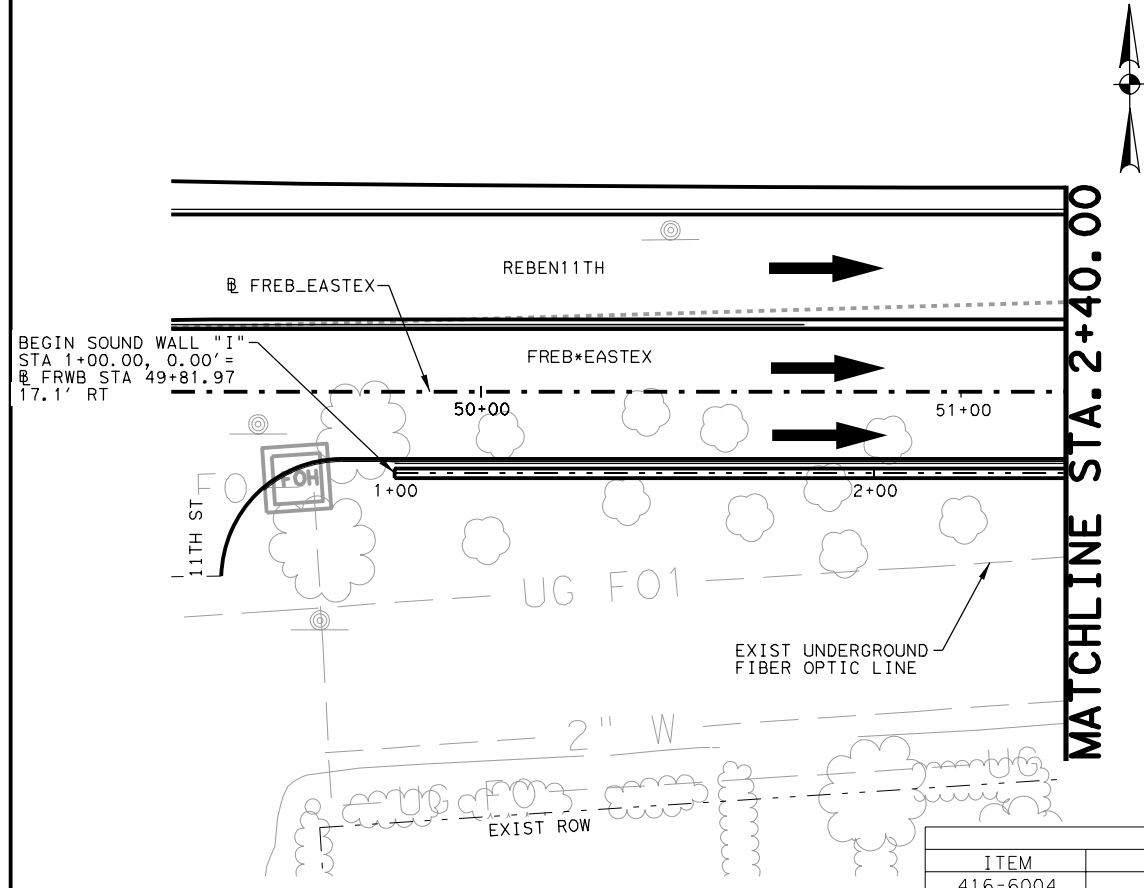
SHEET 2 OF 2

CONT	SECT	JOB	HIGHWAY
0028	13	135	IH 10
DIST	COUNTY	SHEET NO.	
BMT	JEFFERSON	682	

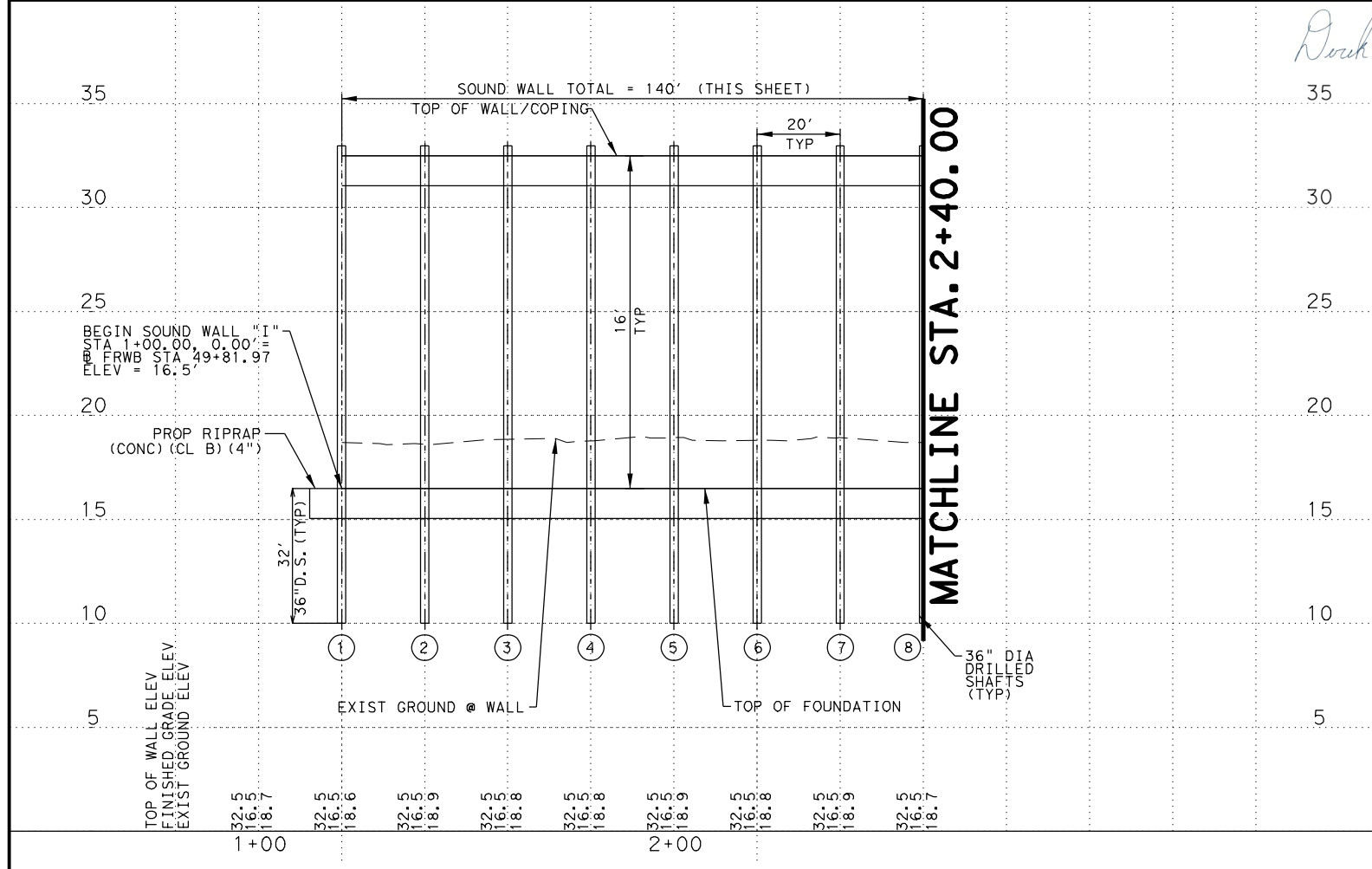
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Alignment Name: NWR\_I1  
 Alignment Description:  
 Alignment Style:

Element	Station	Northing	Easting
Element: Linear			
POT	( ) 1+00.00 R1	13978666.45	3509140.192
PC	( ) 3+12.82 R1	13978665.79	3509353.006
Tangential Direction: S89°49'27.3"E			
Tangential Length: 212.816			
Element: Circular			
PC	( ) 3+12.82 R1	13978665.79	3509353.006
PI	( ) 3+32.98 R1	13978665.73	3509373.175
CC	( ) 13980682.78	3509359.193	
PT	( ) 3+53.15 R1	13978666.07	3509393.341
Radius: 2017			
Delta: 01°08'44.95"Left			
Degree of Curvature (Arc): 02°50'26.32"			
Length: 40.337			
Tangent: 20.169			
Chord: 40.336			
Middle Ordinate: 0.101			
External: 0.101			
Back Tangent Direction: S89°49'27.3"E			
Back Radial Direction: S00°10'32.7"W			
Chord Direction: N89°36'10.2"E			
Ahead Radial Direction: S00°58'12.3"E			
Ahead Tangent Direction: N89°01'47.7"E			
Element: Linear			
PT	( ) 3+53.15 R1	13978666.07	3509393.341
PC	( ) 6+18.37 R1	13978670.56	3509658.521
Tangential Direction: N89°01'47.7"E			
Tangential Length: 265.218			
Element: Circular			
PC	( ) 6+18.37 R1	13978670.56	3509658.521
PI	( ) 6+18.37 R1	13978670.56	3509658.521
CC	( ) 13978673.06	3509658.479	
PT	( ) 6+18.37 R1	13978670.56	3509658.521
Radius: 2.5			
Delta: 00°00'06.62"Left			
Degree of Curvature (Arc): 131°49'52.25"			
Length: 0			
Tangent: 0			
Chord: 0			
Middle Ordinate: 0			
External: 0			
Back Tangent Direction: N89°01'47.1"E			
Back Radial Direction: S00°58'12.9"E			
Chord Direction: N89°01'46.0"E			
Ahead Radial Direction: S00°58'19.5"E			
Ahead Tangent Direction: N89°01'40.5"E			
Element: Linear			
PT	( ) 6+18.37 R1	13978670.56	3509658.521
PC	( ) 7+46.62 R1	13978672.74	3509786.756
Tangential Direction: N89°01'40.5"E			
Tangential Length: 128.254			
Element: Circular			
PC	( ) 7+46.62 R1	13978672.74	3509786.756
PI	( ) 10+72.09 R1	13978678.47	3510112.177
CC	( ) 13998686.64	3509434.415	
PT	( ) 13+97.51 R1	13978694.77	3510437.239
Radius: 20017			
Delta: 01°51'47.03"Left			
Degree of Curvature (Arc): 00°17'10.45"			
Length: 650.884			
Tangent: 325.471			
Chord: 650.856			
Middle Ordinate: 2.646			
External: 2.646			
Back Tangent Direction: N88°59'29.1"E			
Back Radial Direction: S01°00'30.9"E			
Chord Direction: N88°03'35.6"E			
Ahead Radial Direction: 02°52'17.9"E			
Ahead Tangent Direction: N87°07'42.1"E			
Element: Linear			
PT	( ) 13+97.51 R1	13978694.77	3510437.239
PI	( ) 14+14.45 R1	13978696	3510454.138
Tangential Direction: N85°51'55.5"E			
Tangential Length: 16.943			
Element: Linear			
PI	( ) 14+14.45 R1	13978696	3510454.138
PI	( ) 14+46.23 R1	13978696.67	3510485.912
Tangential Direction: N88°47'16.3"E			
Tangential Length: 31.781			
Element: Linear			
PI	( ) 14+46.23 R1	13978696.67	3510485.912
PI	( ) 14+67.88 R1	13978696.62	3510507.56
Tangential Direction: S89°51'42.3"E			
Tangential Length: 21.648			
Element: Linear			
PI	( ) 14+67.88 R1	13978696.62	3510507.56
POT	( ) 15+38.04 R1	13978695.09	3510577.706
Tangential Direction: S88°45'09.1"E			
Tangential Length: 70.163			



SOUND WALL "I" QUANTITIES				
ITEM	EST.	FIN.		DESCRIPTION
416-6004	2304		LF	DRILL SHAFT (36 IN)
432-6006	53		CY	RIPRAP (CONC) (CL B)
4090-6001	1438		LF	NOISE WALL



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20 0 20 40  
 4 0 4 8  
 SCALE: 1" = 40' (H)  
 1" = 8' (V)

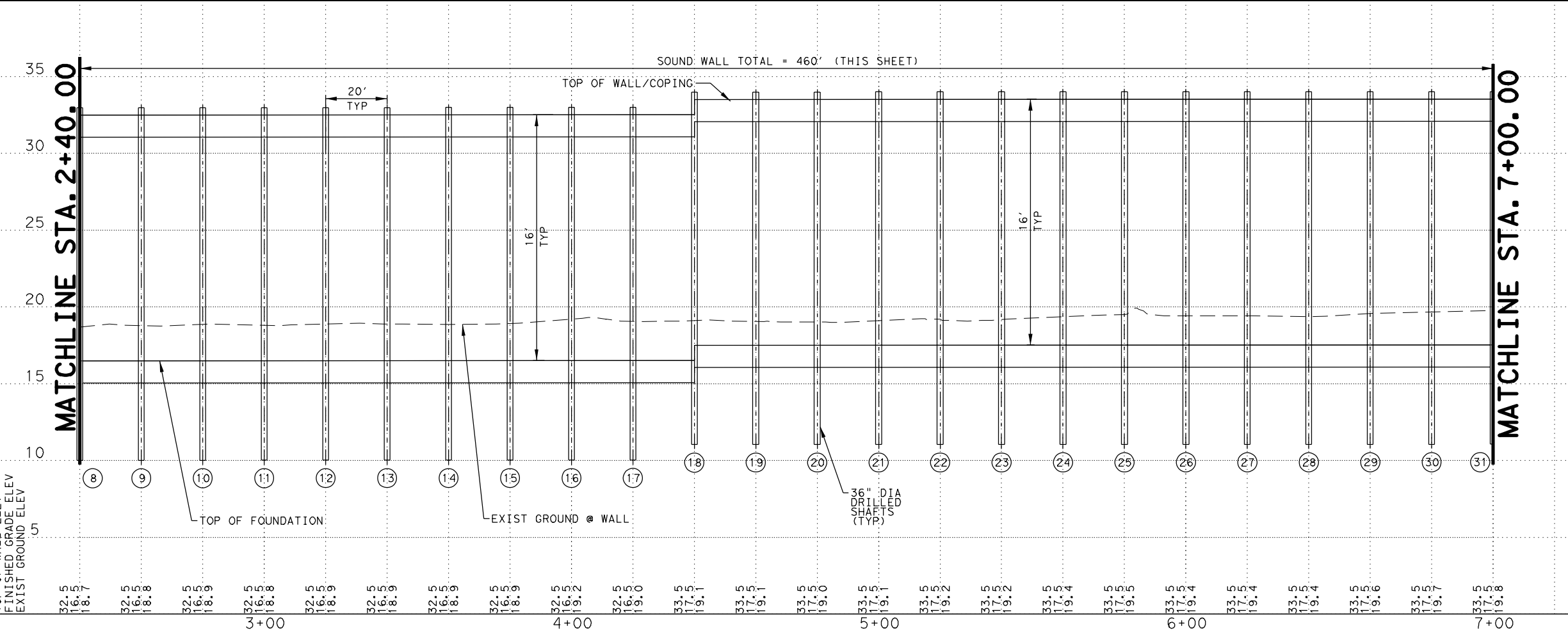
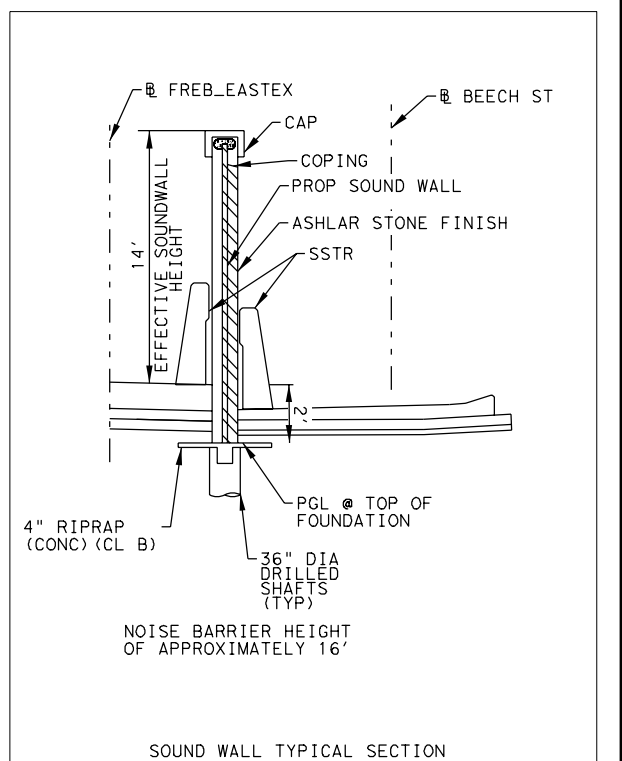
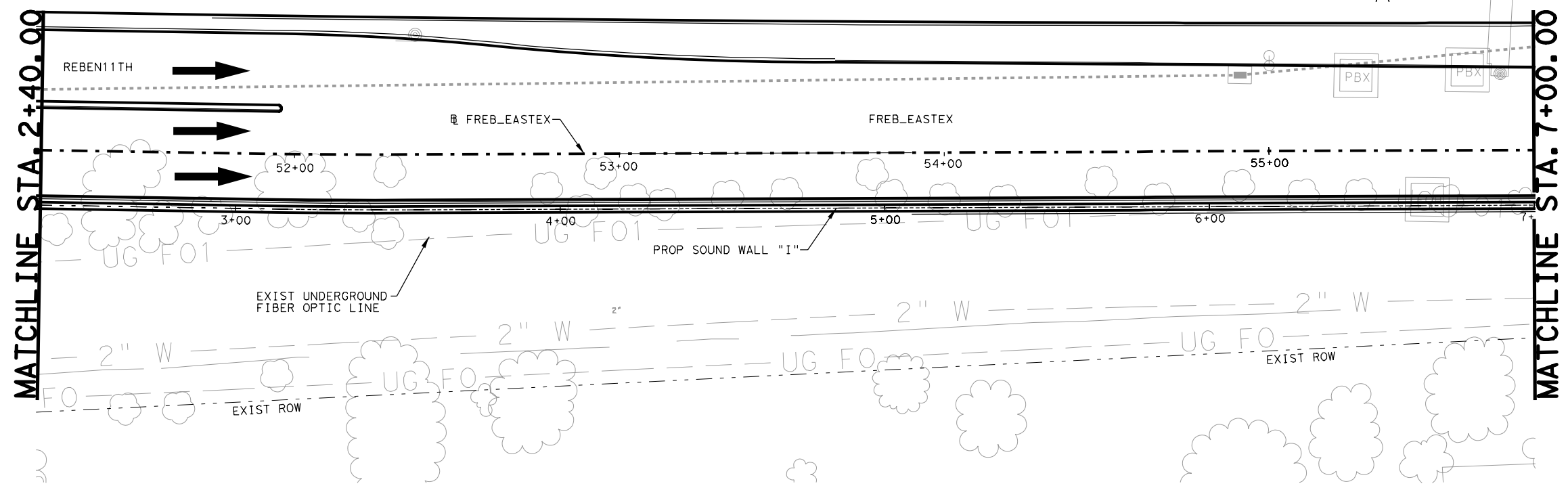
**VOLKERT**  
 F-12679  
 Texas Department of Transportation

IH 10 AT US 69  
 SOUND WALL "I" LAYOUT

SHEET 1 OF 4

CONT	SECT	JOB	HIGHWAY
0028	13	135	IH 10
DIST	COUNTY	SHEET NO.	
BMT	JEFFERSON	683	

DATE: 20-FEB-2024 16:14  
 FILE: Projects\1074500 - BMT 10 69 Interchanges\4C - Design Eastex\4 - Design\Plan Set\9. Environmental\1069\_EASTEX\_SOUND\_WALL\_2I\_2.dgn



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 SCALE: 1" = 40' (H)  
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**IH 10 AT US 69  
 SOUND WALL "I" LAYOUT**

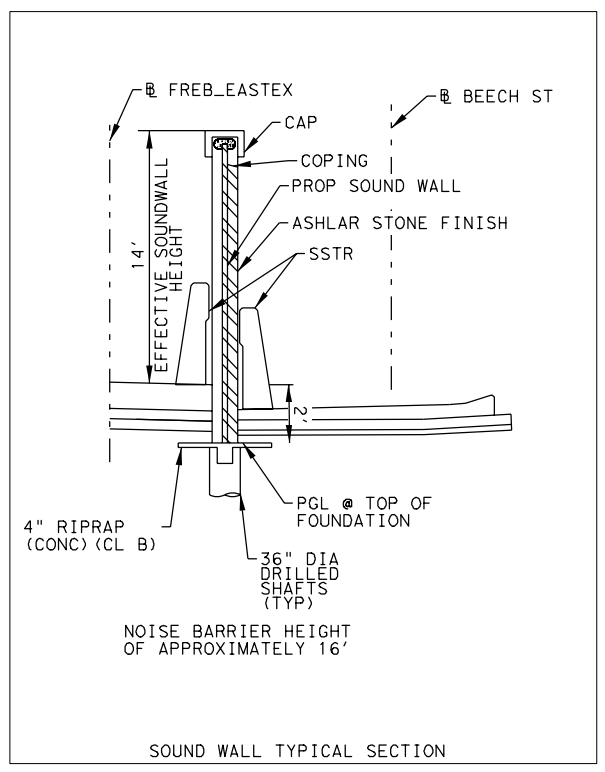
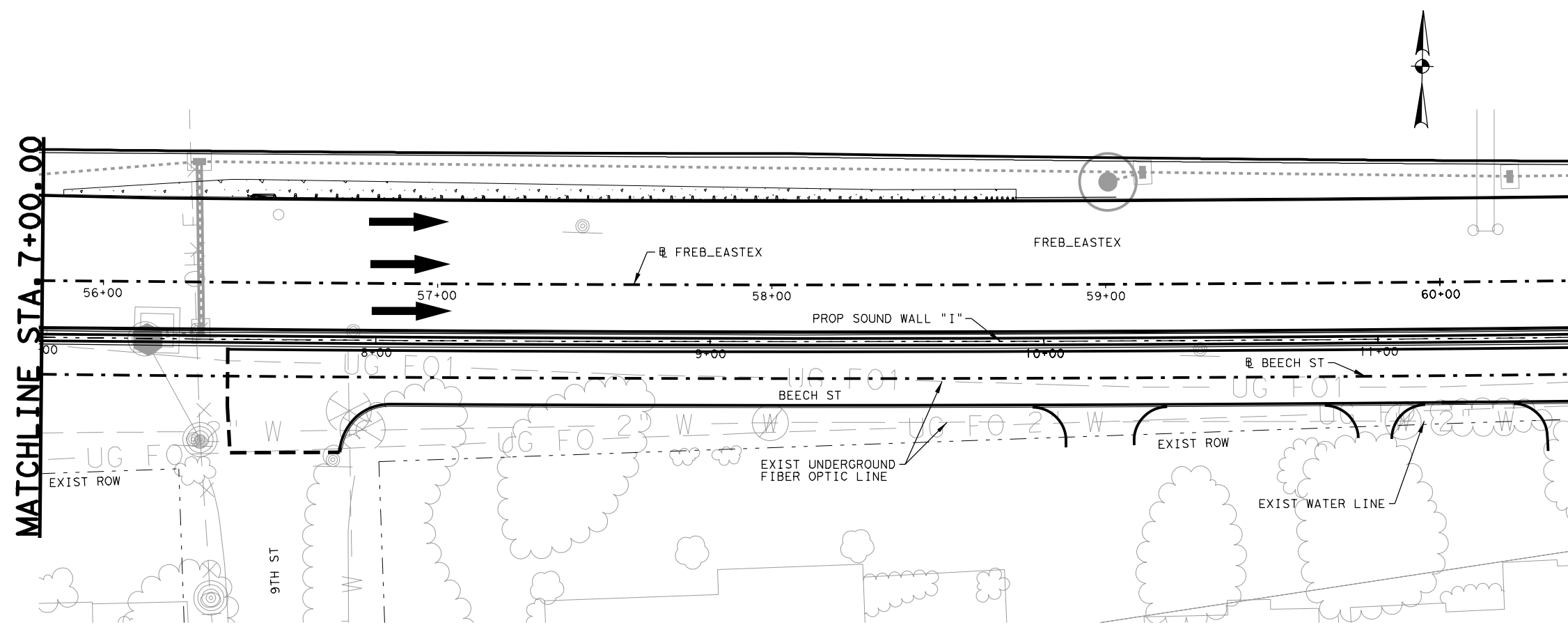
SHEET 2 OF 4

CONT	SECT	JOB	HIGHWAY
0028	13	135	IH 10
DIST	COUNTY	SHEET NO.	
BMT	JEFFERSON	684	

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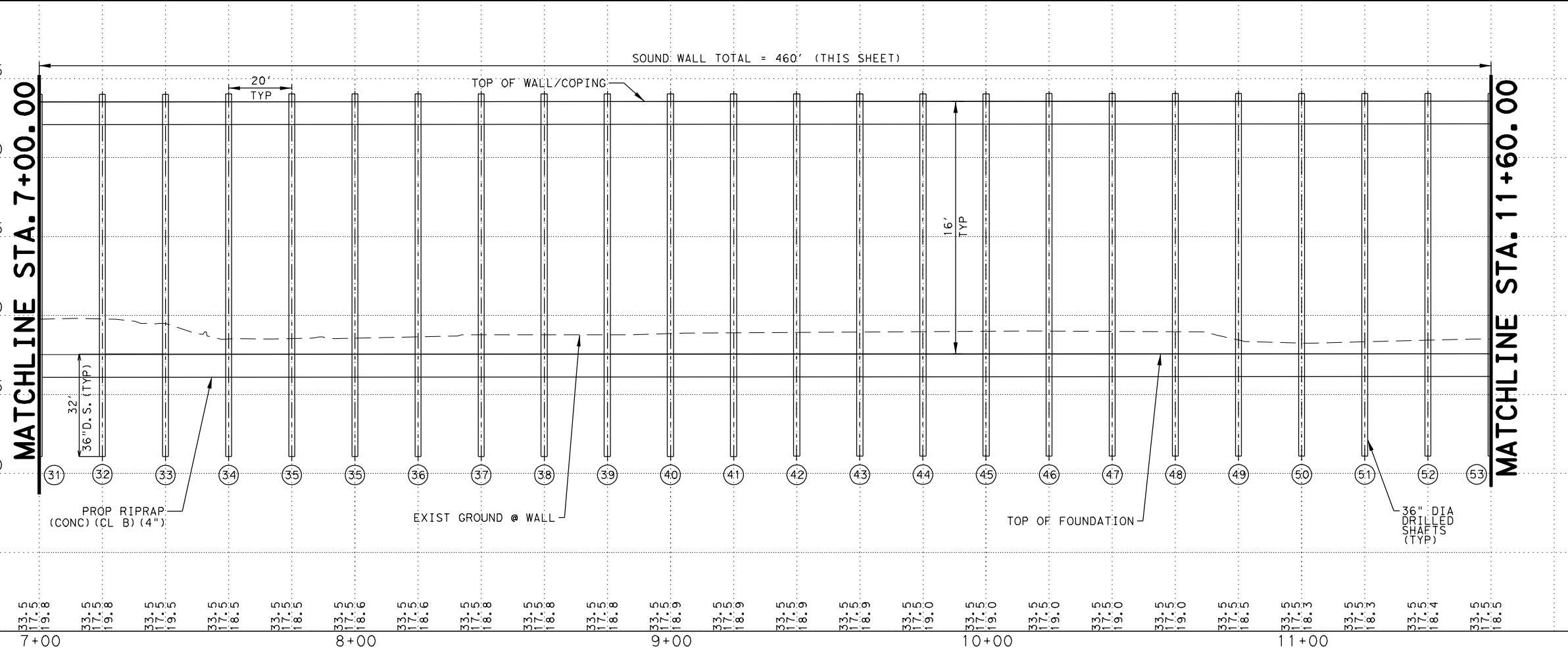
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**MATCHLINE STA. 11+60.00**



**MATCHLINE STA. 7+00.00**

**MATCHLINE STA. 11+60.00**



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20 0 20 40  
 4 0 4 8  
 SCALE: 1" = 40' (H)  
 1" = 8' (V)

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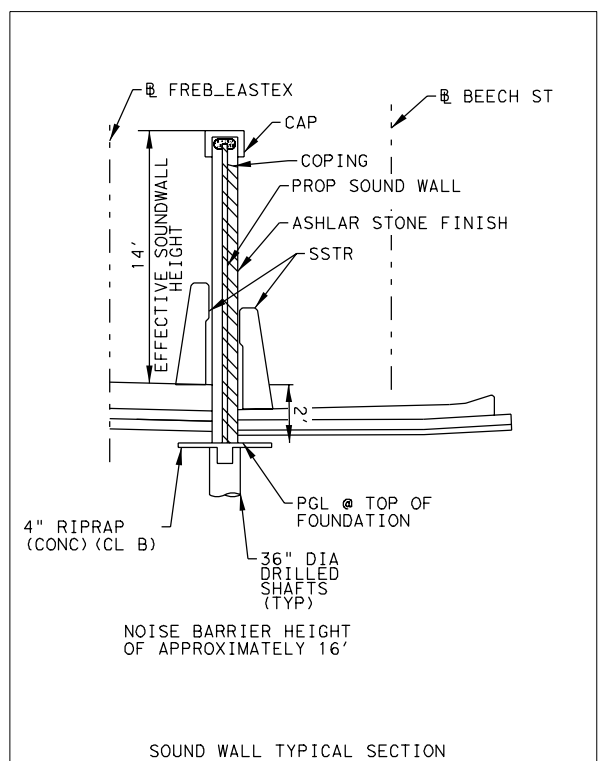
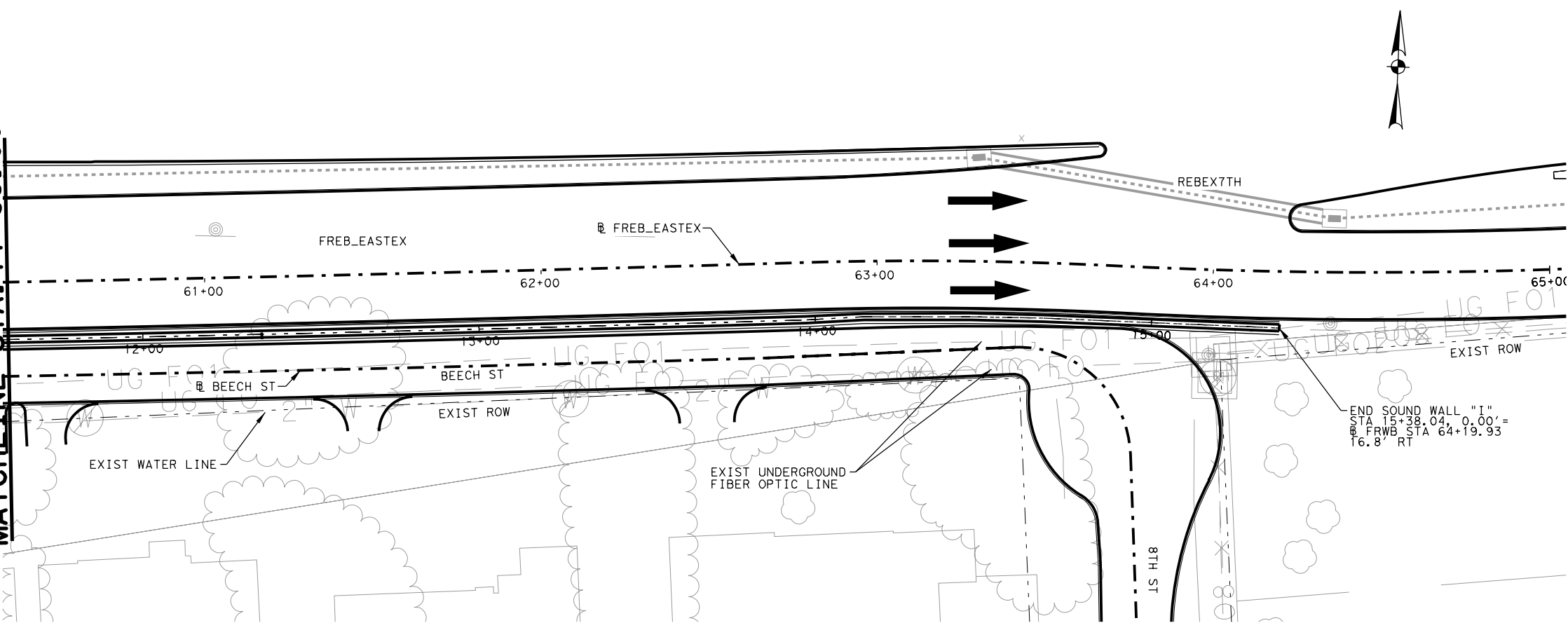
**IH 10 AT US 69  
 SOUND WALL "I" LAYOUT**

SHEET 3 OF 4

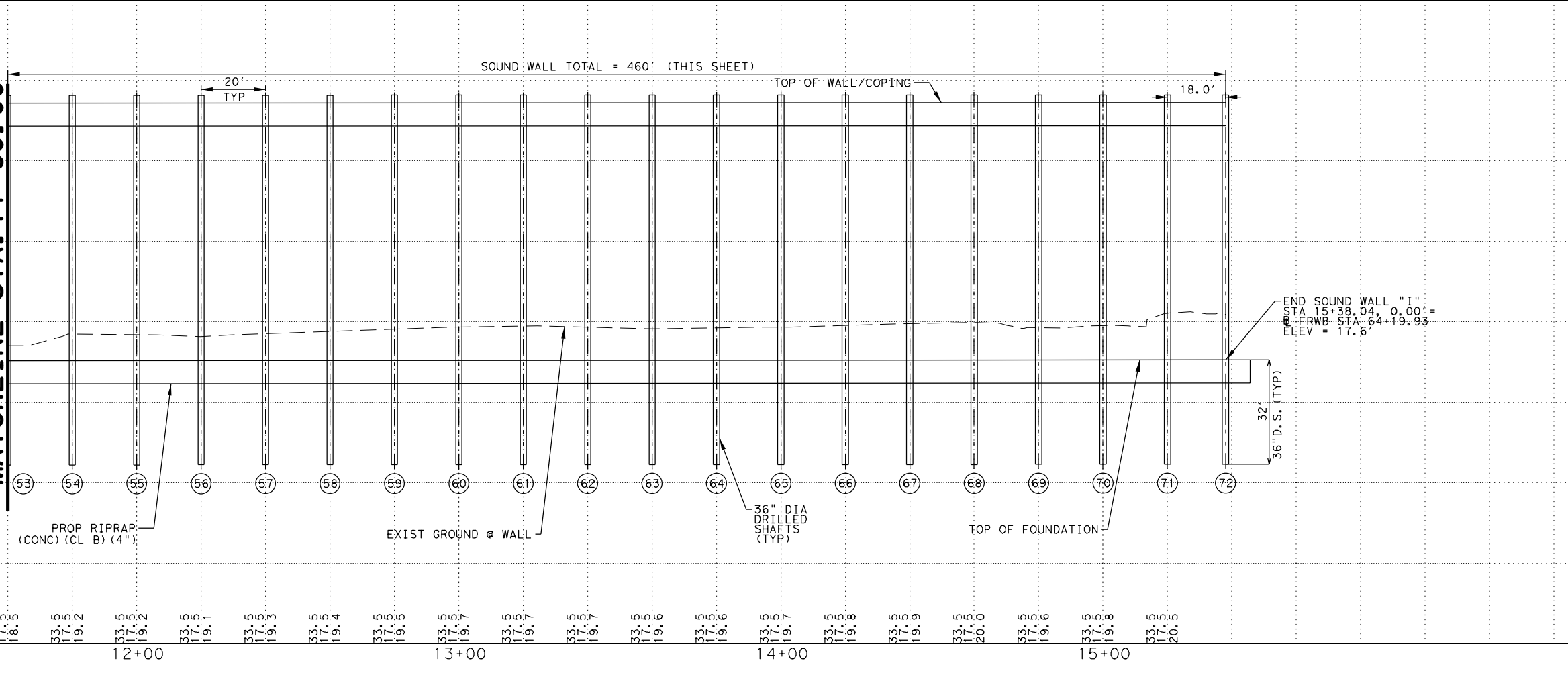
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DIST	COUNTY	SHEET NO.	
BMT	JEFFERSON	685	

DATE: 20-FEB-2024 16:16  
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MATCHLINE STA. 11+60.00



MATCHLINE STA. 11+60.00



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20 0 20 40  
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 SCALE: 1" = 40' (H)  
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**VOLKERT**  
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**IH 10 AT US 69  
 SOUND WALL "I" LAYOUT**

SHEET 4 OF 4

CONT	SECT	JOB	HIGHWAY
0028	13	135	IH 10
DIST	COUNTY	SHEET NO.	
BMT	JEFFERSON	686	