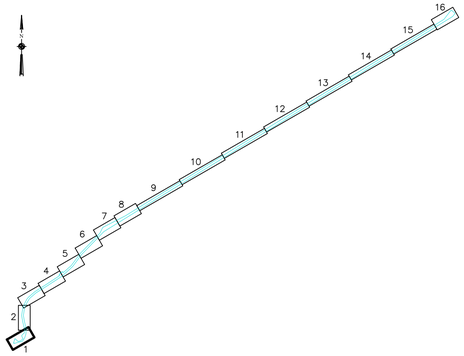

SHEET INDEX
"NOT TO SCALE"

SOUNDING COLOR LEGEND

	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
X.X	PROJECT DEPTH

LEGEND OF SYMBOLS

17+00	CHANNEL STATIONING
○ 417	CHANNEL CORNER
◎ H.L.F.	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
	SUBMERGED WRECK

SITE SPECIFIC NOTES:

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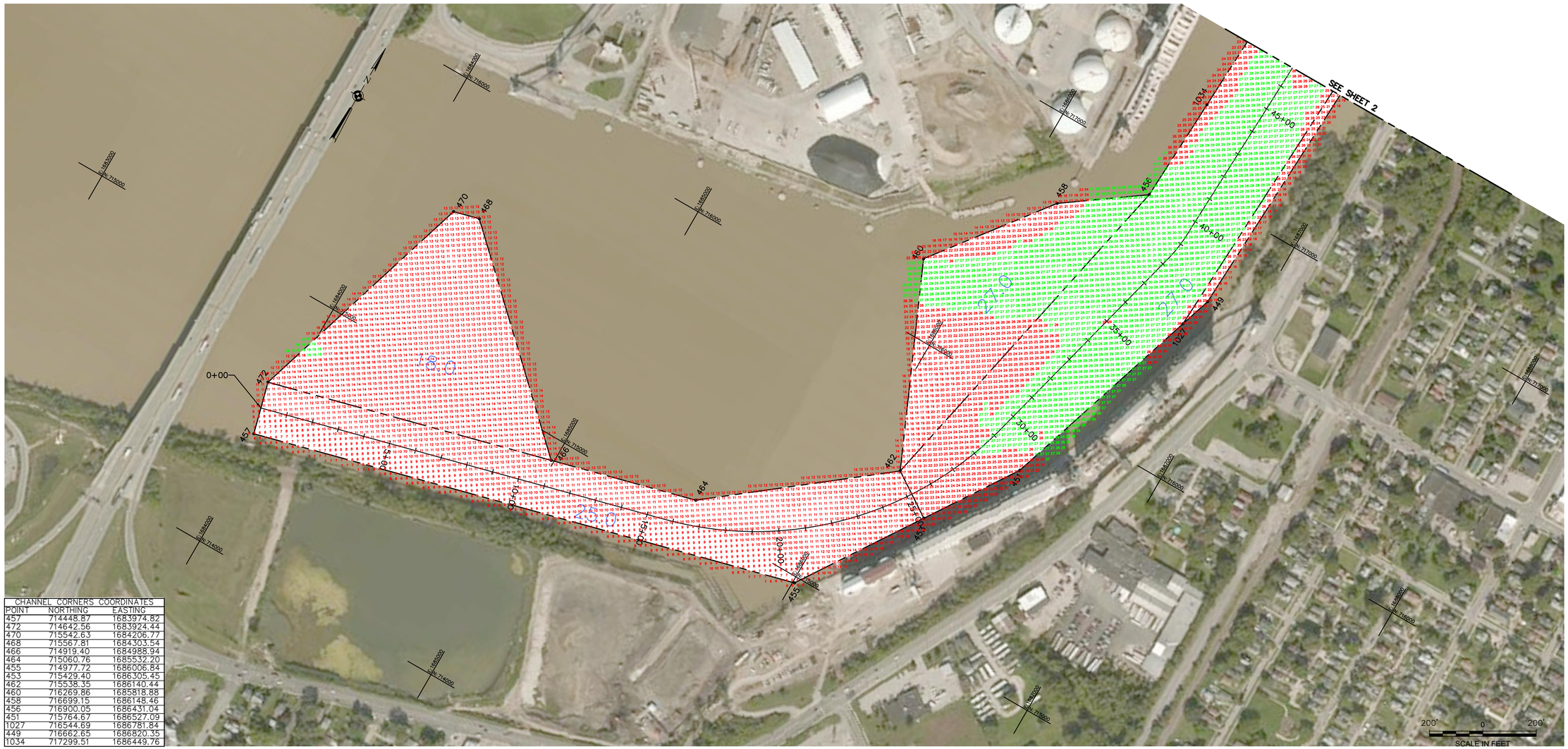
VICINITY MAP
"NOT TO SCALE"



CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
457	714448.87	1683974.82
472	714642.56	1683924.44
470	715542.63	1684206.77
468	715567.81	1684303.54
466	714919.40	1684988.94
464	715060.76	1685532.20
455	714977.72	1686006.84
453	715429.40	1686305.45
452	715538.35	1686140.44
460	716269.86	1685818.88
458	716699.15	1686148.46
456	716900.05	1686431.04
451	715764.67	1686527.09
1027	716544.89	1686781.84
449	716662.65	1686820.35
1034	717299.51	1686449.76

US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

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Drawn by: DMD
Checked by: KPL
Reviewed by:
Aaron C. Kennerly, PLS
Chief, Survey Section
Date: August 25, 2026

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207–3199

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TOLEDO HARBOR
TOLEDO, OH
PROJECT CONDITION SOUNDINGS 2026
SCALE: 1"=200'

Sheet reference number
VH–101
Sheet 1 of 16

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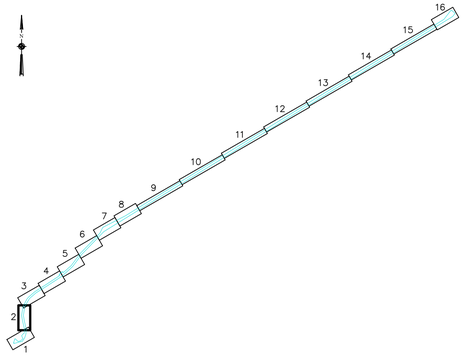

SOUNDING COLOR LEGEND

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	DEPTHS AT OR BELOW PROJECT DEPTH
X.X	PROJECT DEPTH

LEGEND OF SYMBOLS

17+00	CHANNEL STATIONING
○ 417	CHANNEL CORNER
◎ H.L.F.	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
	SUBMERGED WRECK

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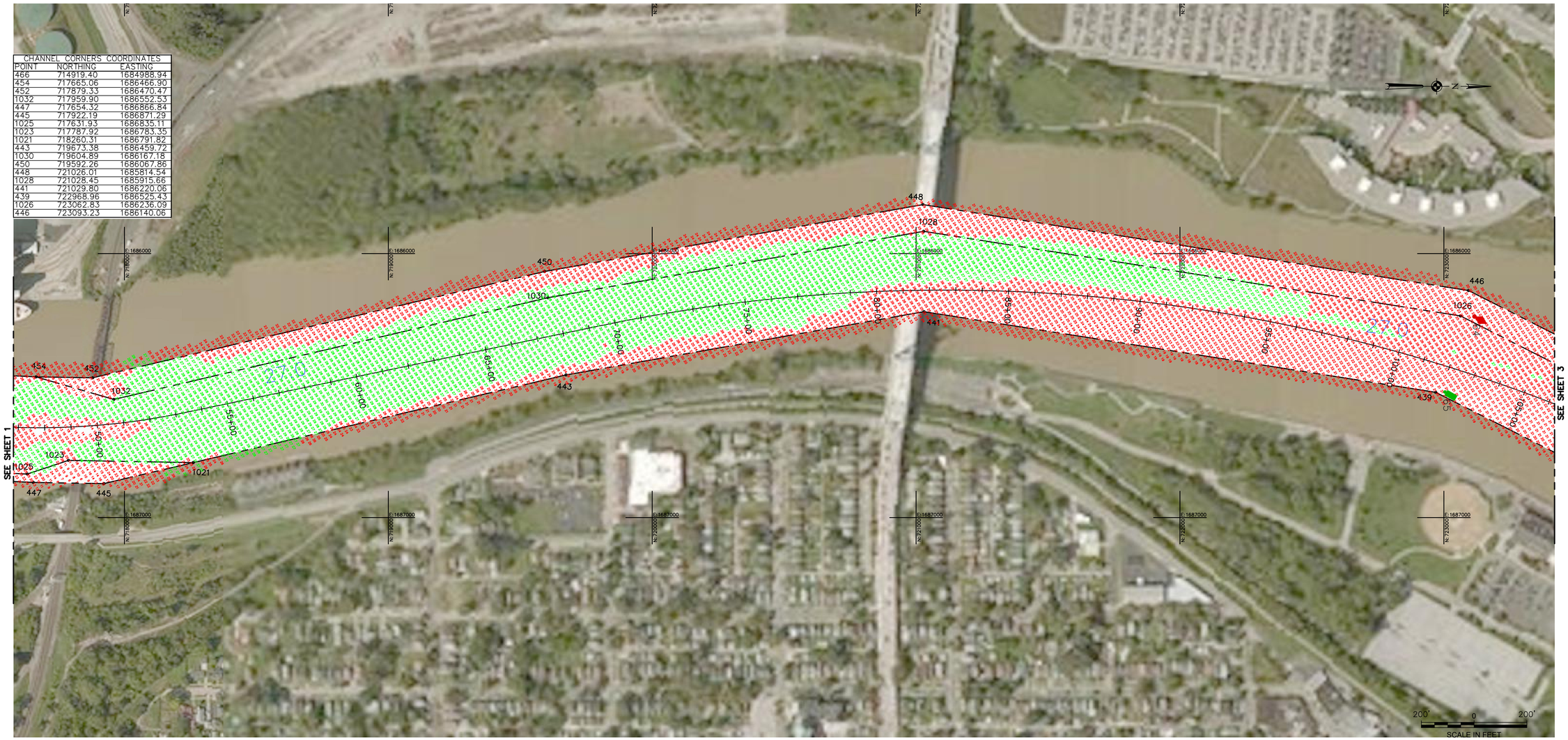
VICINITY MAP
"NOT TO SCALE"

SHEET INDEX
"NOT TO SCALE"

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
466	714919.40	1684988.94
454	717665.06	1686466.90
452	717879.33	1686470.47
1032	717959.90	1686552.53
447	717654.32	1686866.84
445	717922.19	1686871.29
1025	717631.93	1686835.11
1023	717787.92	1686783.35
1021	718260.31	1686791.82
443	719673.38	1686459.72
1030	719604.89	1686167.18
450	719592.26	1686067.86
448	721026.01	1685814.54
1028	721028.45	1685915.66
441	721029.80	1686220.06
439	722968.96	1686525.43
1026	723062.83	1686236.09
446	723093.23	1686140.06



US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

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Drawn by: DMD
Checked by: KPL
Reviewed by:
Aaron C. Kennerly, PLS
Chief, Survey Section

Date: August 25, 2026

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207–3199

TOLEDO HARBOR
TOLEDO, OH
PROJECT CONDITION SOUNDINGS 2026
SCALE: 1"=200'

Sheet reference number
VH–102
Sheet 2 of 16

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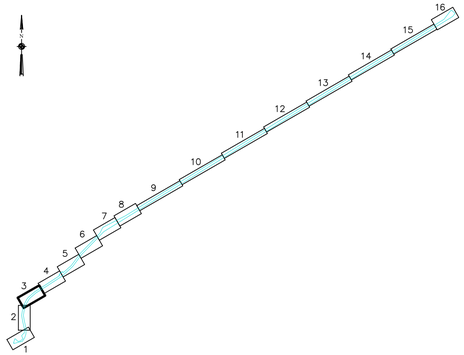

SHEET INDEX
"NOT TO SCALE"

SOUNDING COLOR LEGEND

	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
X.X	PROJECT DEPTH

LEGEND OF SYMBOLS

17+00	CHANNEL STATIONING
○ 417	CHANNEL CORNER
◎ H.L.F.	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
	SUBMERGED WRECK

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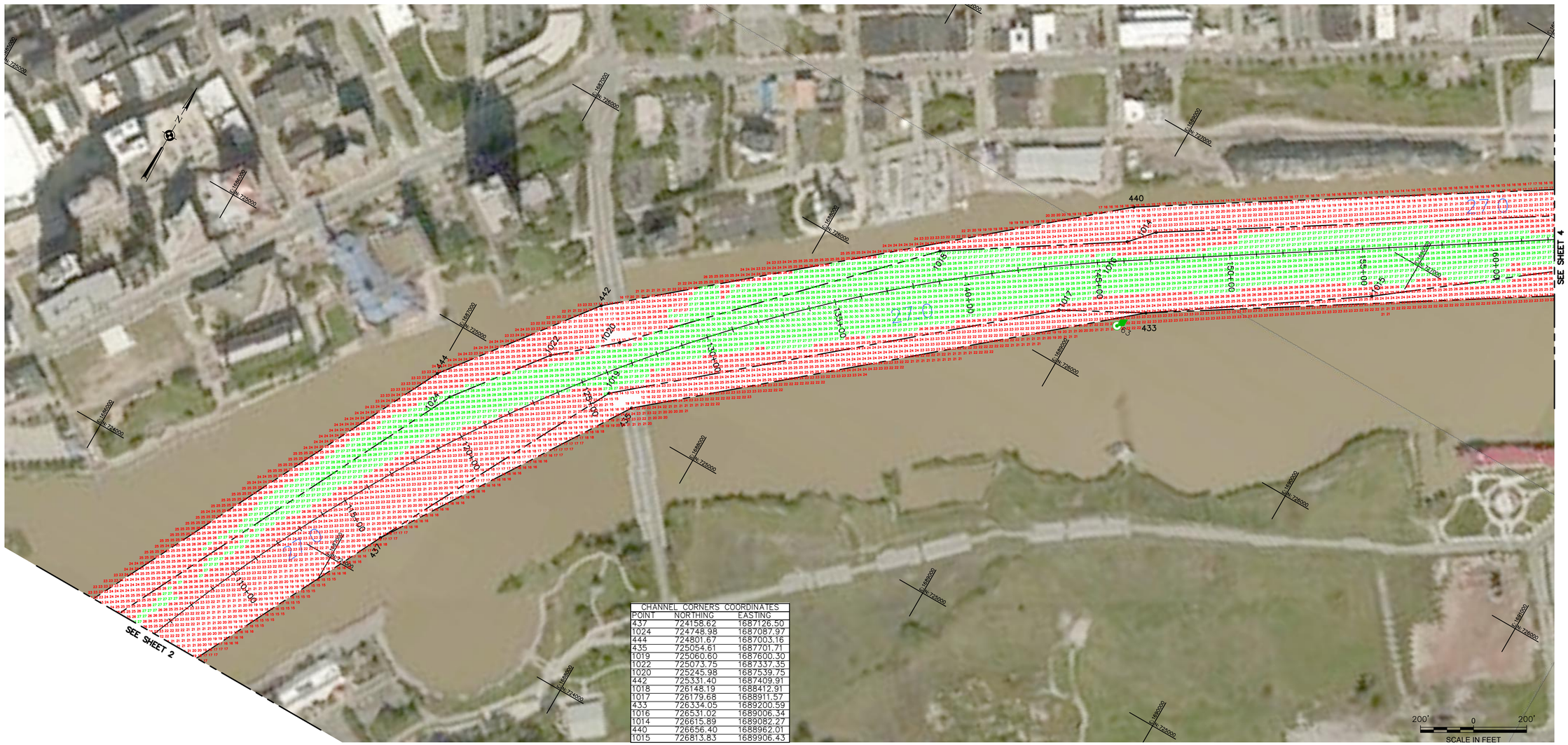
VICINITY MAP
"NOT TO SCALE"



CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
437	724158.62	1687126.50
1024	724748.98	1687087.97
444	724801.67	1687003.16
435	725054.61	1687701.71
1019	725060.60	1687600.30
1022	725073.75	1687337.35
1020	725245.98	1687539.75
442	725331.40	1687409.91
1018	726148.19	1688412.91
1017	726179.68	1688911.57
433	726334.05	1689200.59
1016	726531.02	1689006.34
1014	726615.89	1689082.27
440	726656.40	1688962.01
1015	726813.83	1689906.43

US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

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Drawn by:	DMD
Checked by:	KPL
Reviewed by:	
Aaron C. Kennerly, PLS	
Chief, Survey Section	
Date: August 25, 2026	

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207–3199

TOLEDO HARBOR
TOLEDO, OH
PROJECT CONDITION SOUNDINGS 2026
SCALE: 1"=200'

Sheet reference number
VH–103
Sheet 3 of 16

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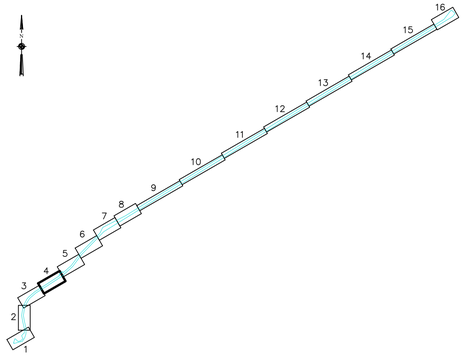

SHEET INDEX
"NOT TO SCALE"

SOUNDING COLOR LEGEND

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	DEPTHS AT OR BELOW PROJECT DEPTH
X.X	PROJECT DEPTH

LEGEND OF SYMBOLS

17+00	CHANNEL STATIONING
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◎ H.L.F.	HARBOR LINE CORNER
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	HARBOR LINE
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	NUN BUOY
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LH	LIGHT HOUSE
WRK	SUBMERGED WRECK

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VICINITY MAP
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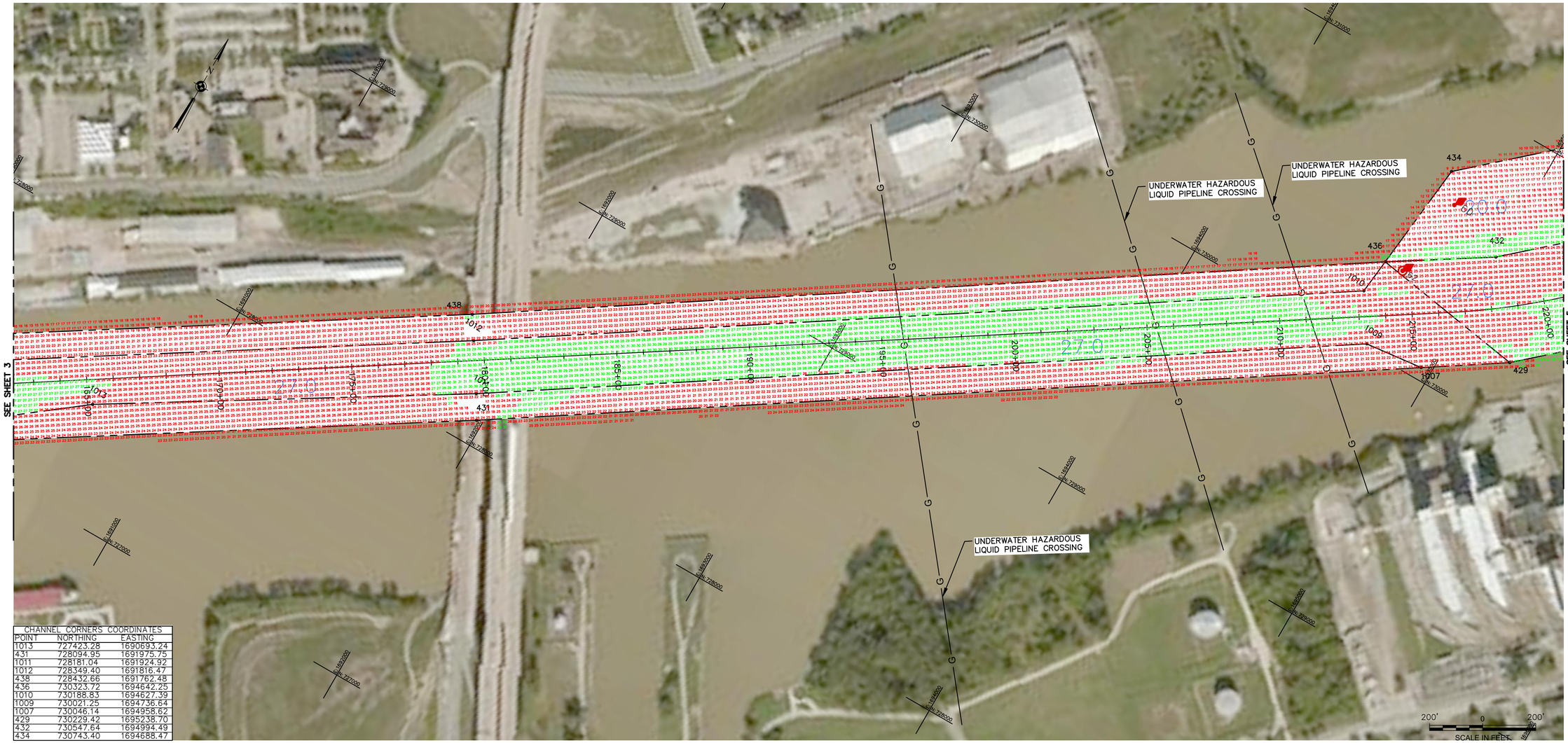

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
1013	727423.28	1690693.24
431	728094.95	1691975.75
1011	728181.04	1691924.92
1012	728349.40	1691816.47
438	728432.66	1691762.48
436	730323.72	1694642.25
1010	730188.83	1694627.39
1009	730021.25	1694736.64
1007	730046.14	1694958.62
429	730229.42	1695238.70
432	730547.64	1694994.49
434	730743.40	1694688.47

US Army Corps of Engineers
Buffalo District

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Drawn by: DMD
Checked by: KPL
Reviewed by: Aaron C. Kennerly, PLS
Chief, Survey Section
Date: August 25, 2026

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207–3199

TOLEDO HARBOR
TOLEDO, OH

PROJECT CONDITION SOUNDINGS 2026

SCALE: 1"=200'

Sheet reference number
VH–104
Sheet 4 of 16

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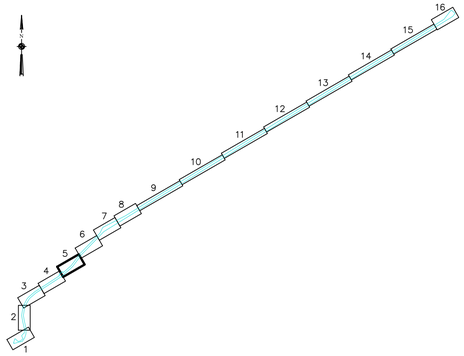

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"NOT TO SCALE"

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	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
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LEGEND OF SYMBOLS

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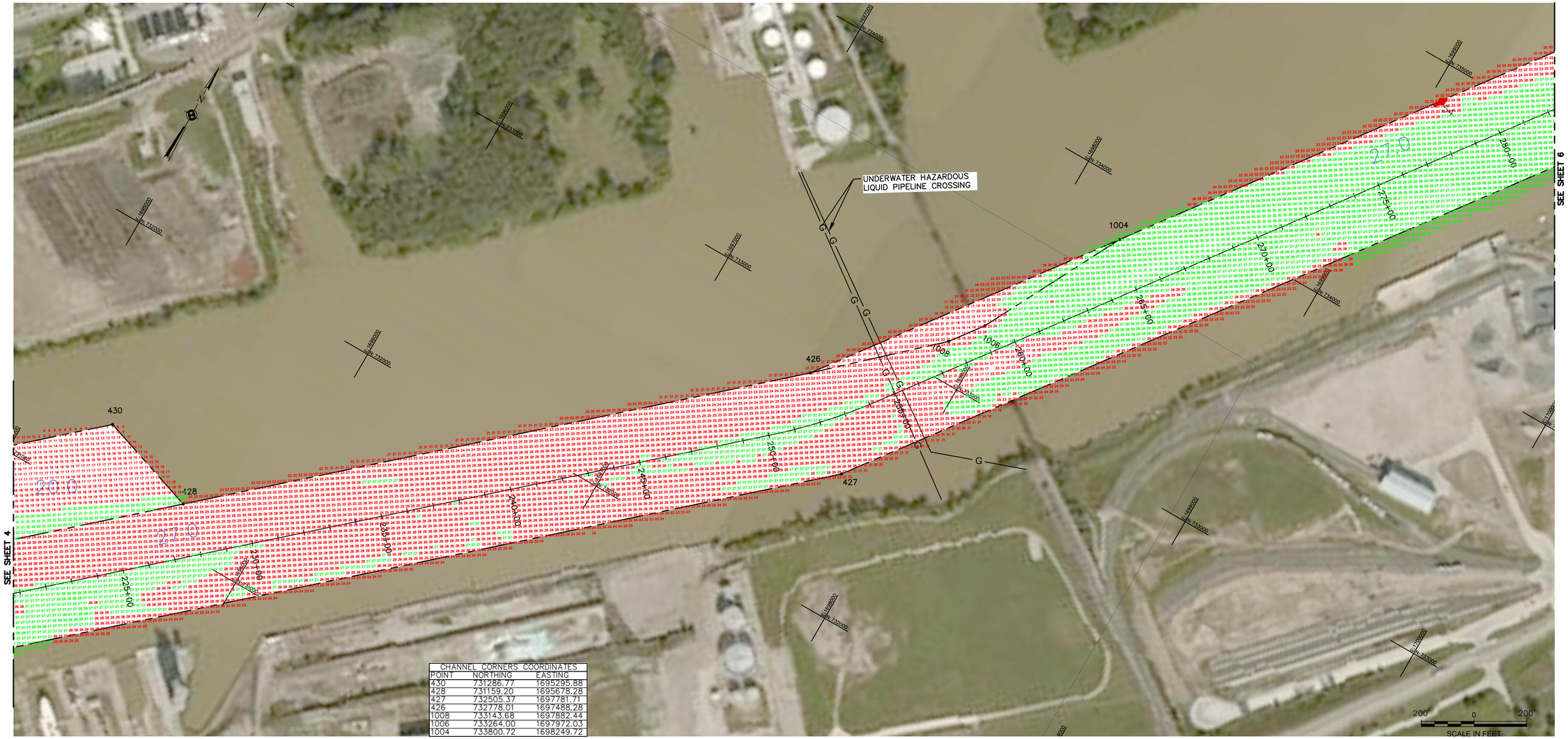

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
430	731286.77	1695295.88
428	731159.20	1695678.28
427	732505.37	1697781.71
426	732778.01	1697488.28
1008	733143.68	1697882.44
1006	733264.00	1697972.03
1004	733800.72	1698249.72

US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

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Checked by: KPL
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Aaron C. Kennerly, PLS
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207–3199

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TOLEDO HARBOR
TOLEDO, OH
PROJECT CONDITION SOUNDINGS 2026
SCALE: 1"=200'

Sheet reference number
VH–105
Sheet 5 of 16

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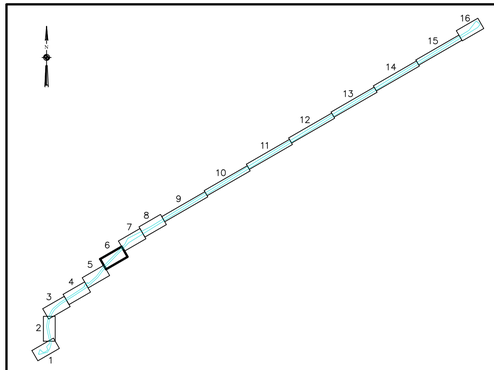

SOUNDING COLOR LEGEND

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LEGEND OF SYMBOLS

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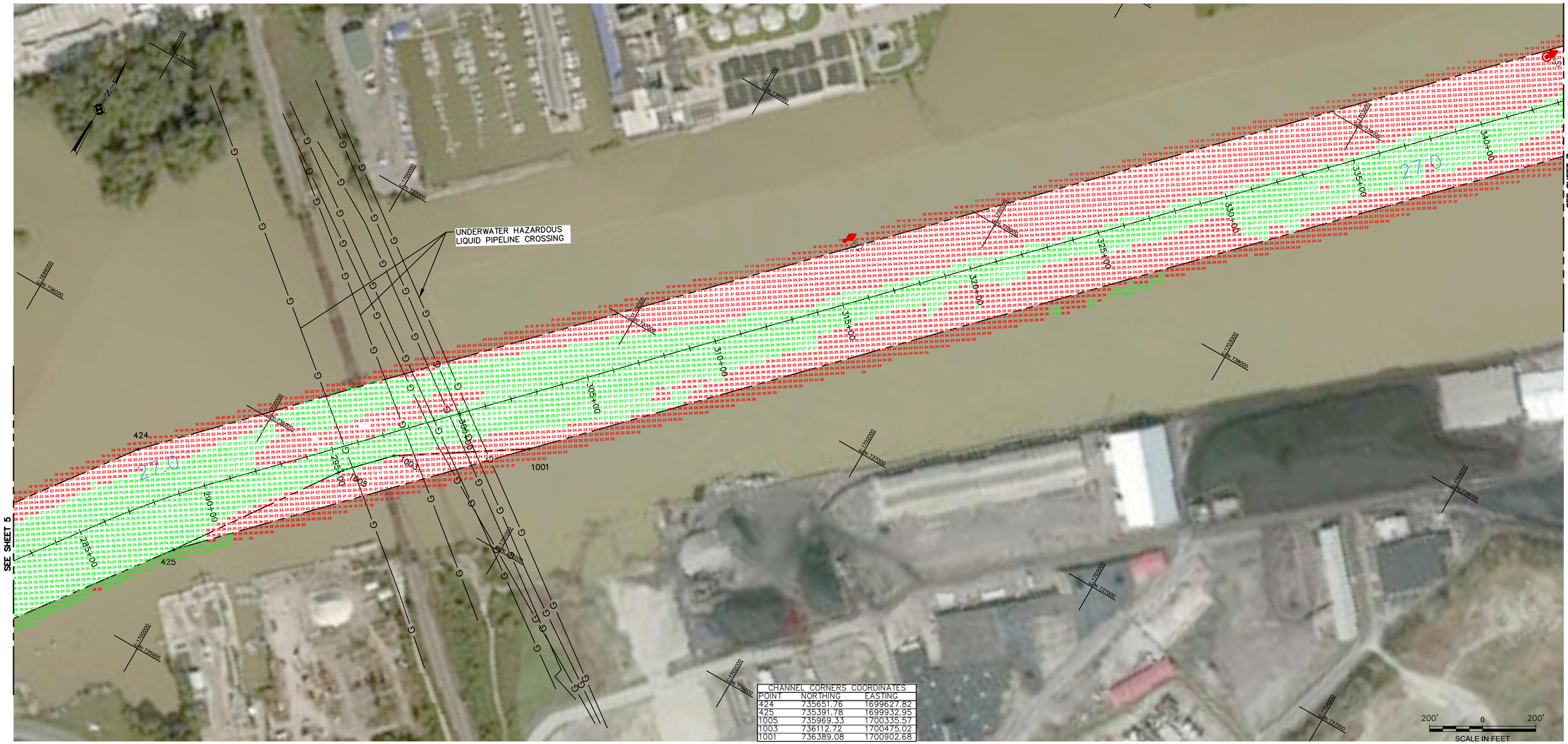
VICINITY MAP
"NOT TO SCALE"

SHEET INDEX
"NOT TO SCALE"



CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
424	735651.76	1699627.82
425	735391.78	1699932.95
1005	735969.14	1700335.57
1003	736112.72	1700475.02
1001	736389.08	1700902.68

US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

** COPY OF SIGNED ORIGINAL **

Drawn by:	DMD
Checked by:	KPL
Reviewed by:	Aaron C. Kennerly, PLS Chief, Survey Section
Date:	August 25, 2026

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207–3199

TOLEDO HARBOR
TOLEDO, OH

PROJECT CONDITION SOUNDINGS 2026

SCALE: 1"=200'

Sheet reference number
VH–106
Sheet 6 of 16

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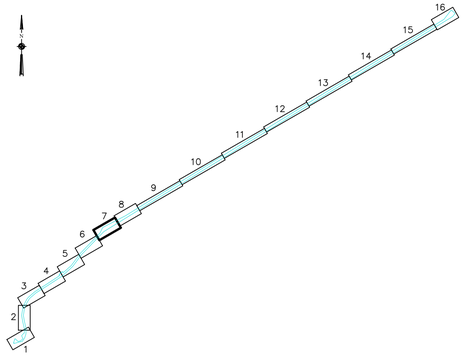
SAFETY PAYS



SOUNDING COLOR LEGEND

	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
X.X	PROJECT DEPTH

LEGEND OF SYMBOLS

17+00	CHANNEL STATIONING
○ 417	CHANNEL CORNER
◎ H.L.F.	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
	SUBMERGED WRECK

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VICINITY MAP
"NOT TO SCALE"

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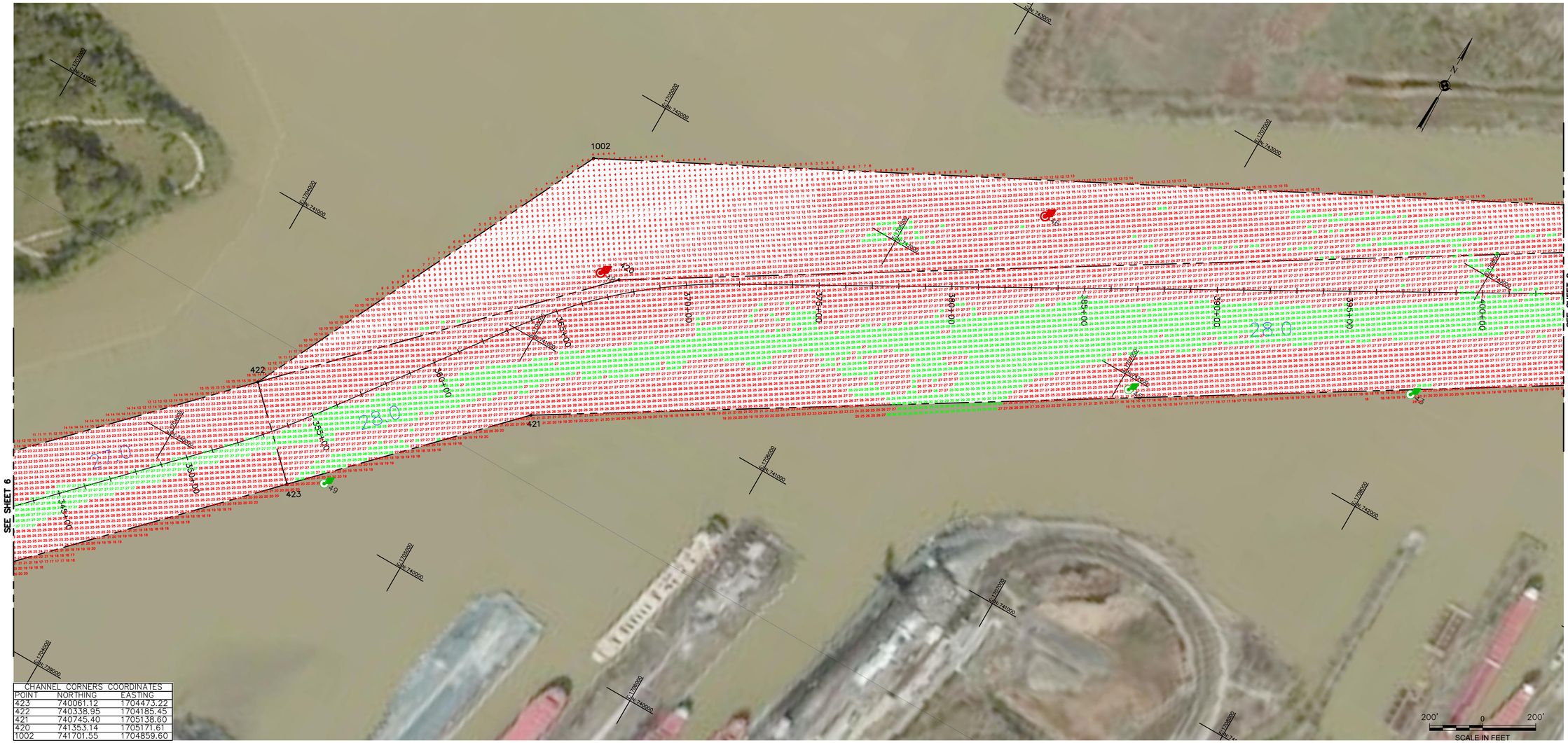

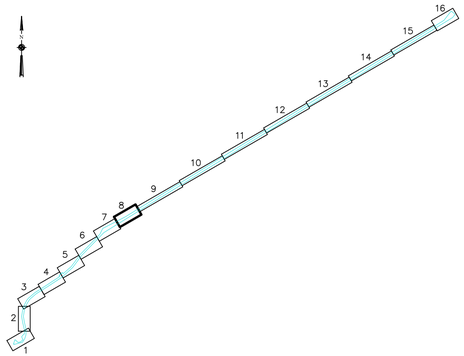

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	DEPTHS AT OR BELOW PROJECT DEPTH
X.X	PROJECT DEPTH

LEGEND OF SYMBOLS	
17+00	CHANNEL STATIONING
○ 417	CHANNEL CORNER
◎ H.L.F.	HARBOR LINE CORNER
— — — —	FEDERAL CHANNEL
——— ———	HARBOR LINE
— — — —	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
FL	LIGHT HOUSE
	SUBMERGED WRECK

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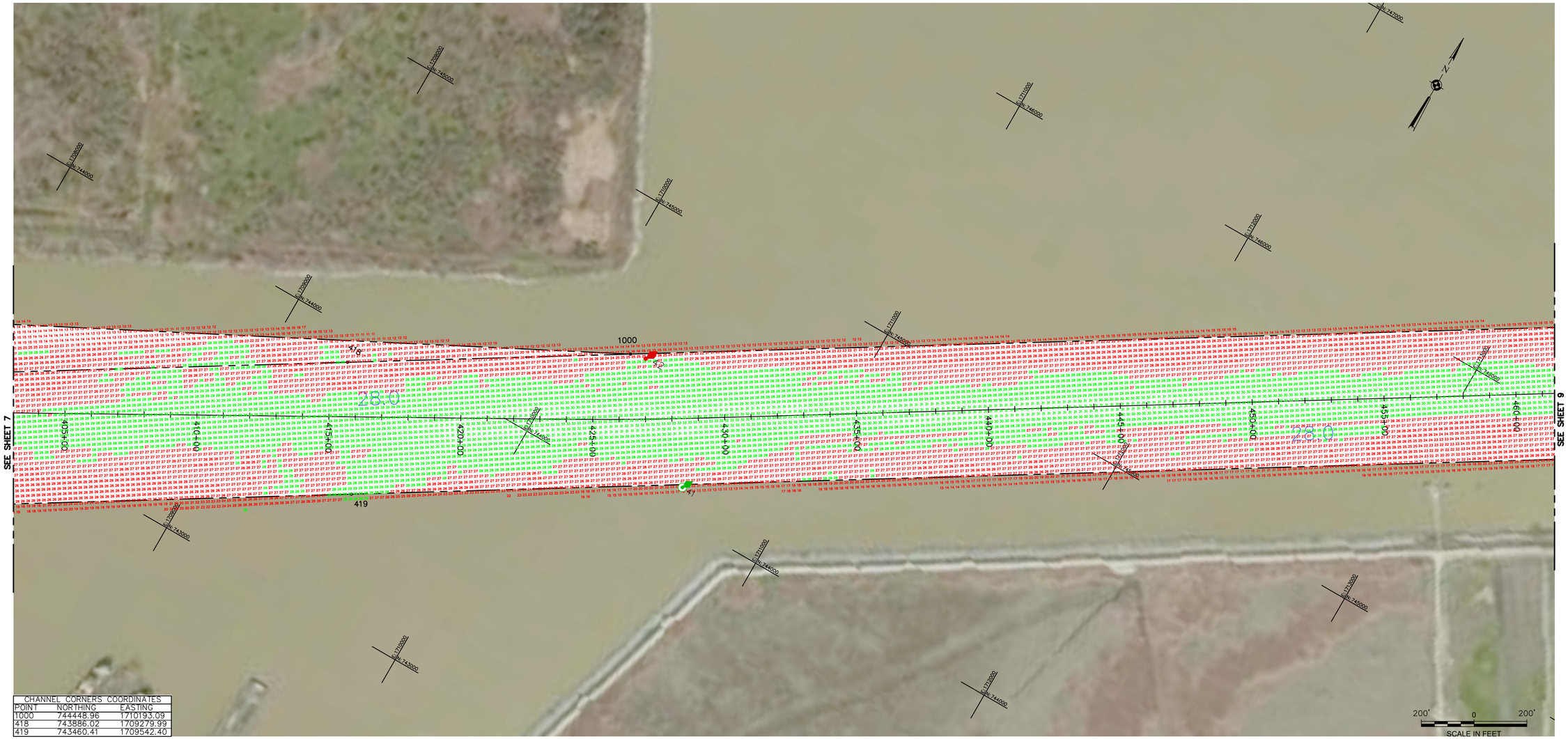

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
1000	744448.96	1710193.09
418	743886.02	1709279.99
419	743460.41	1709542.40

SUPPORT VALUE ENGINEERING – IT PAYS

US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

** COPY OF SIGNED ORIGINAL **

Drawn by: DMD
Checked by: KPL
Reviewed by:
Aaron C. Kennerly, PLS
Chief, Survey Section
Date: August 25, 2026

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U.S. ARMY ENGINEER DISTRICT
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BUFFALO, NEW YORK 14207–3199

TOLEDO HARBOR
TOLEDO, OH
PROJECT CONDITION SOUNDINGS 2026
SCALE: 1"=200'

Sheet reference number
VH–108
Sheet 8 of 16

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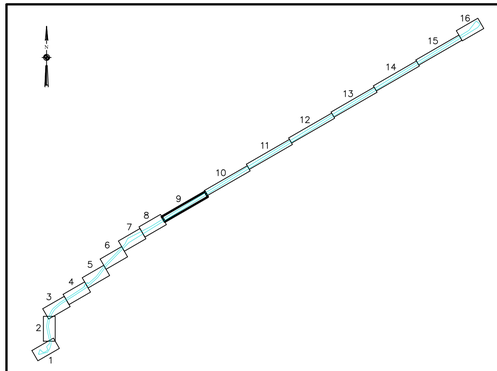

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	DEPTHS AT OR BELOW PROJECT DEPTH
X.X	PROJECT DEPTH

LEGEND OF SYMBOLS

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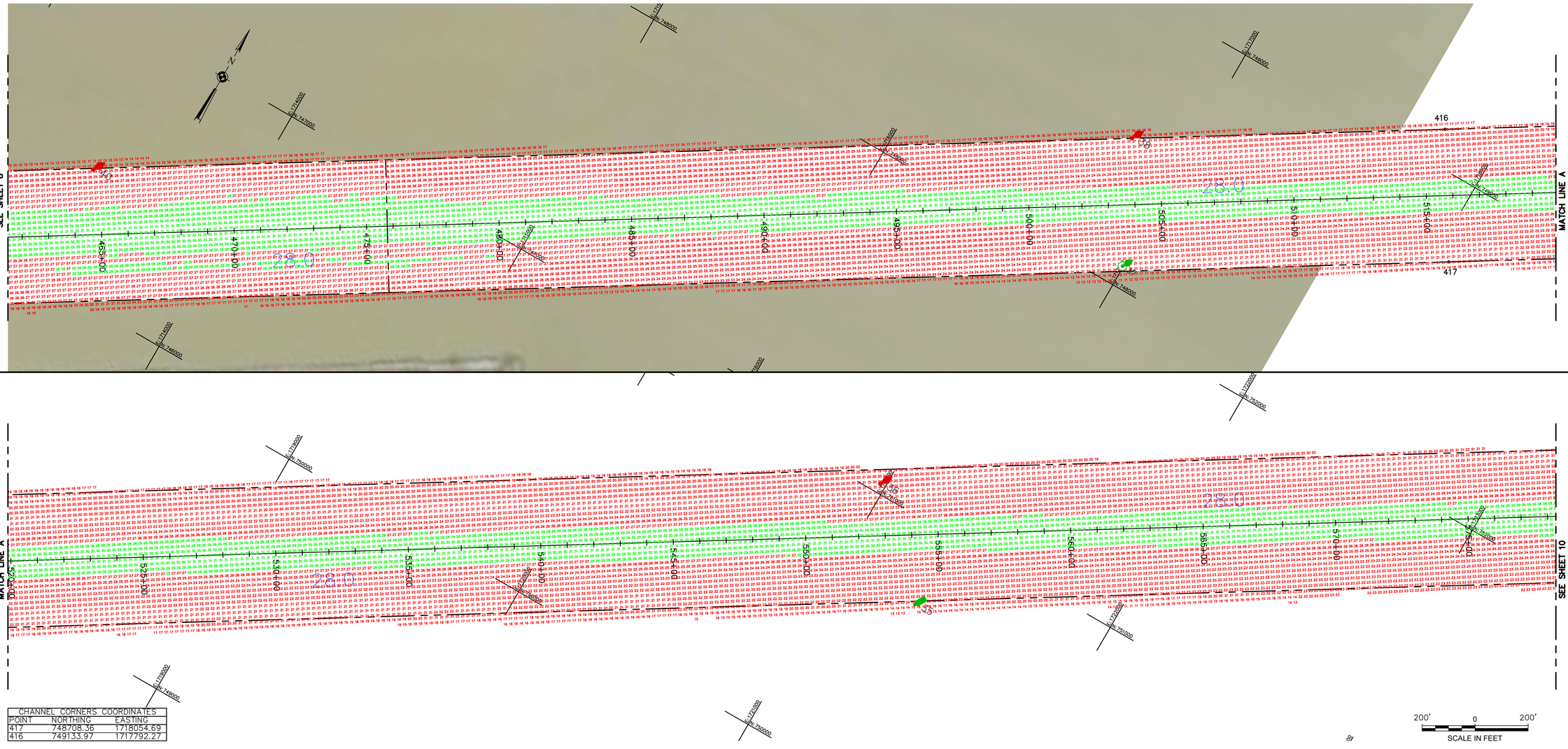

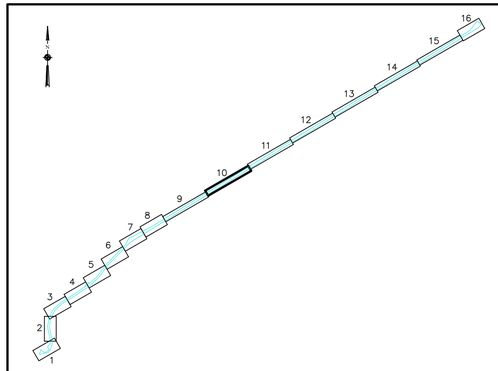

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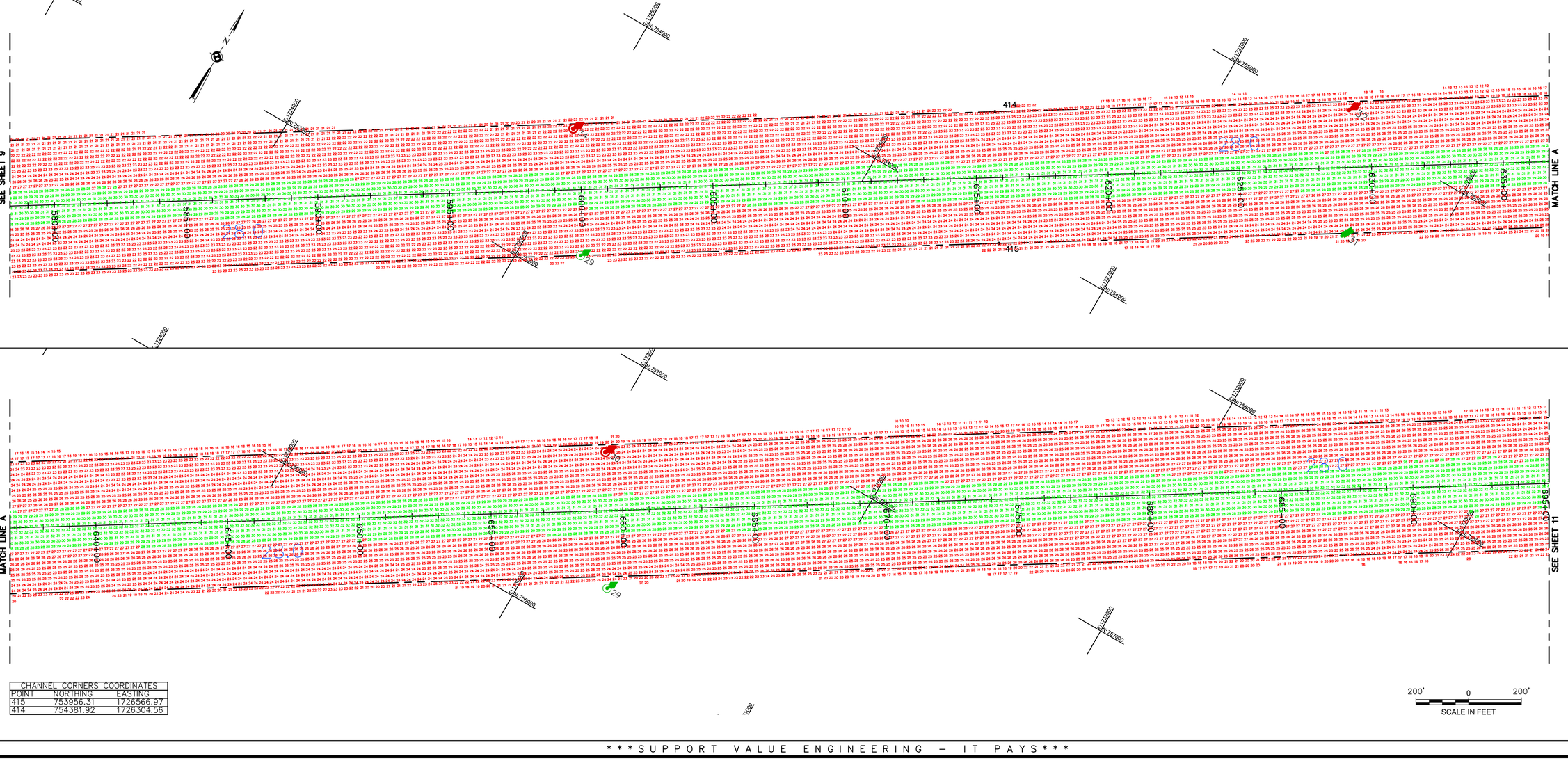

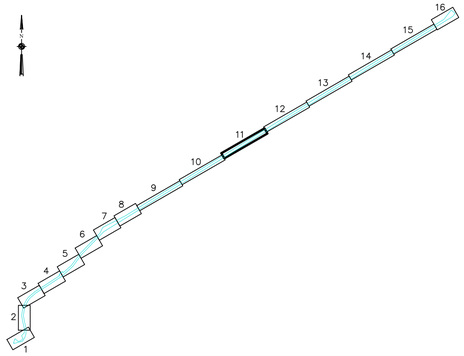

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◎ H.L.F.	HARBOR LINE CORNER
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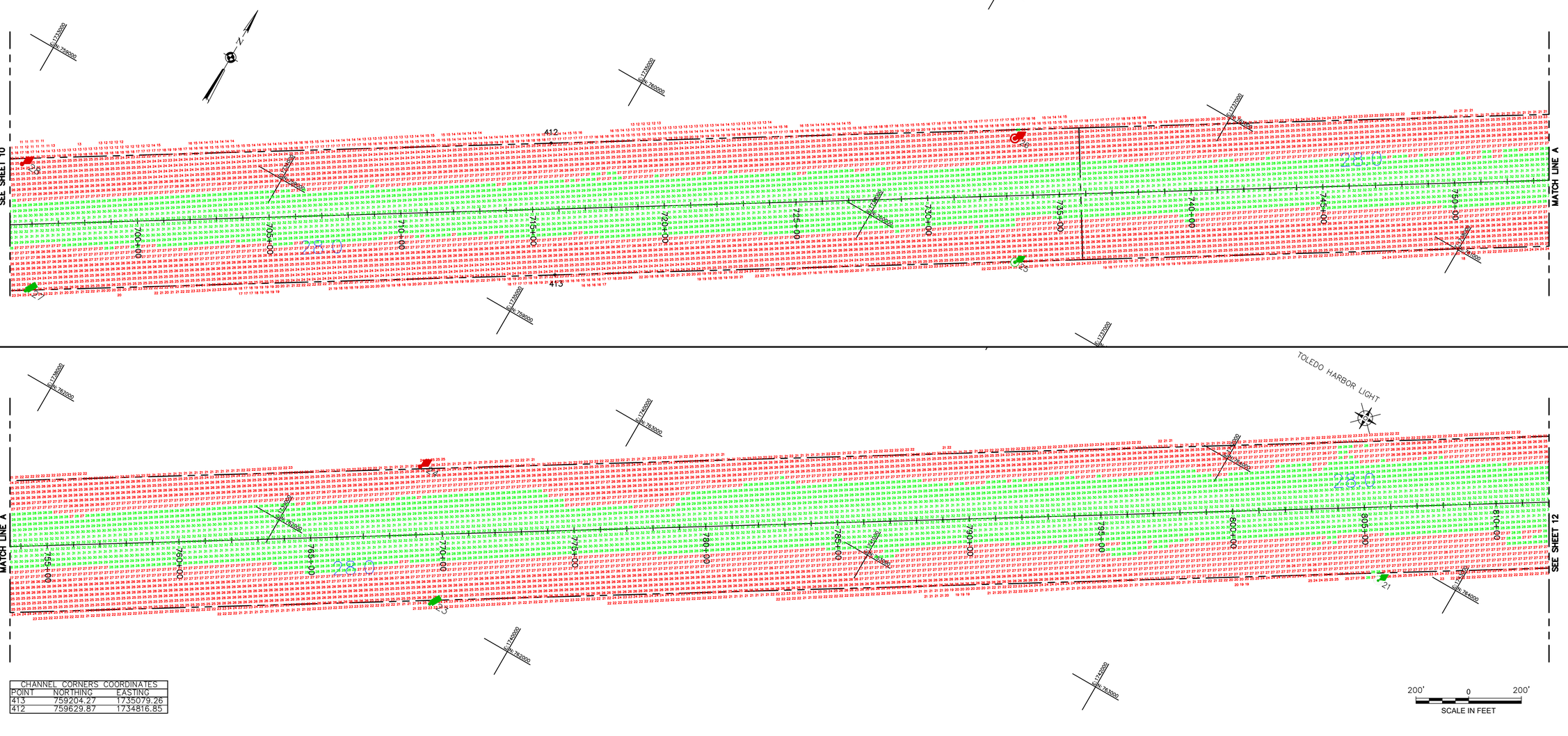

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
413	759204.27	1735079.26
412	759629.87	1734816.85

US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

** COPY OF SIGNED ORIGINAL **

Drawn by: DMD
Checked by: KPL
Reviewed by:
Aaron C. Kennerly, PLS
Chief, Survey Section
Date: August 25, 2026

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U.S. ARMY ENGINEER DISTRICT
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TOLEDO HARBOR
TOLEDO, OH
PROJECT CONDITION SOUNDINGS 2026
SCALE: 1"=200'

Sheet reference number
VH–1011
Sheet 11 of 16

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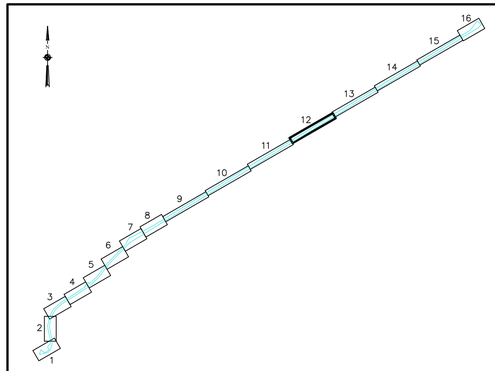

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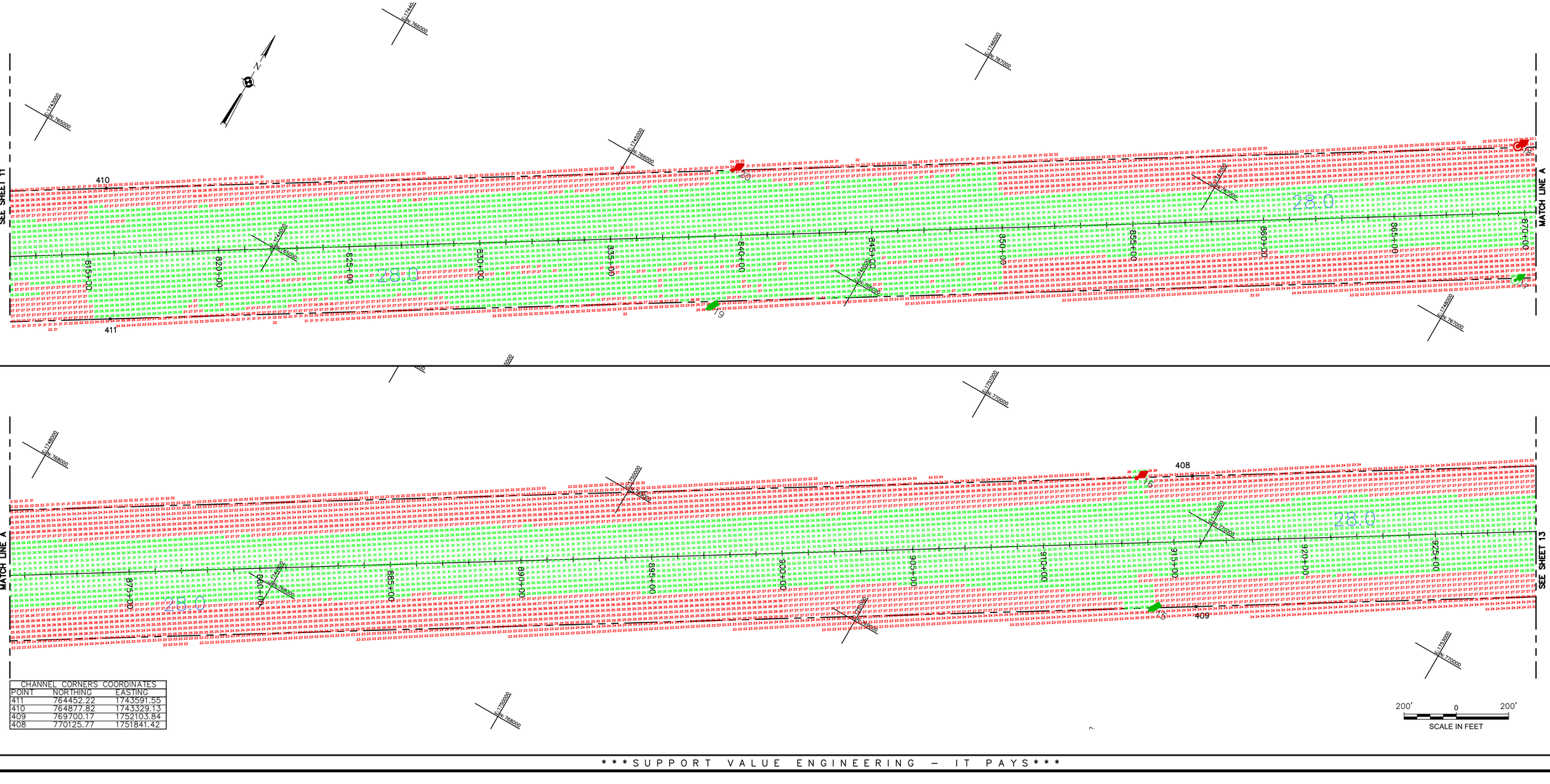

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
411	764452.22	1743591.55
410	764877.82	1743328.13
409	769700.17	1752103.84
408	770125.77	1751841.42

US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

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Drawn by: DMD
Checked by: KPL
Reviewed by:
Aaron C. Kennerly, PLS
Chief, Survey Section
Date: August 25, 2026

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207–3199

TOLEDO HARBOR
TOLEDO, OH

PROJECT CONDITION SOUNDINGS 2026

SCALE: 1"=200'

Sheet reference number
VH–1012
Sheet 12 of 16

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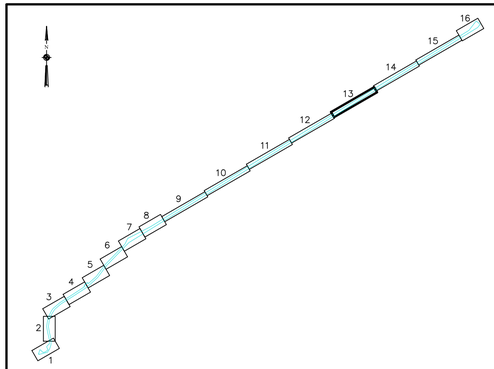

SHEET INDEX
"NOT TO SCALE"

SOUNDING COLOR LEGEND

	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
X.X	PROJECT DEPTH

LEGEND OF SYMBOLS

17+00	CHANNEL STATIONING
○ 417	CHANNEL CORNER
◎ H.L.F.	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
	CAN BUOY
	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
	SUBMERGED WRECK

SITE SPECIFIC NOTES:

1. PROJECT DEPTHS AND SOUNDINGS SHOWN ARE U.S. SURVEY FEET REFERRED TO LOW WATER DATUM OF 569.2 FEET INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD 85) (EPSG:5609).
2. HORIZONTAL COORDINATES AND DISTANCES SHOWN ARE U.S. SURVEY FEET REFERRED TO NORTH AMERICAN DATUM 1983/2011 (NAD83/11) OHIO STATE PLANE COORDINATE SYSTEM – NORTH ZONE (EPSG:6549)
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   SONAR HEAD: 200 KHZ, RESON T50 MULTIBEAM
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   SURVEY LAUNCH "BUXBAUM"
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6. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.
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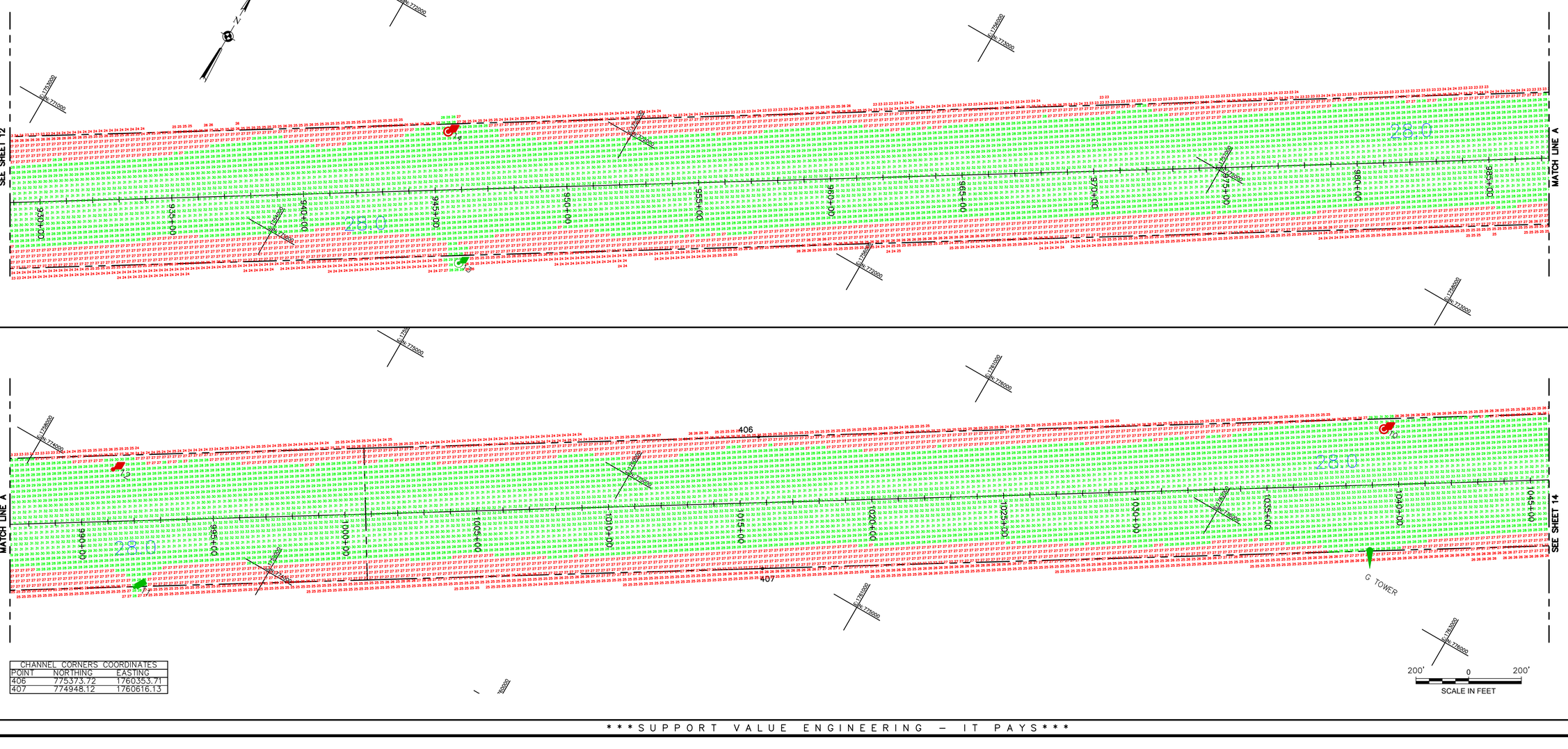
VICINITY MAP
"NOT TO SCALE"



CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
406	775373.72	1760353.71
407	774948.12	1760616.13

US Army Corps of Engineers
Buffalo District

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TOLEDO HARBOR
TOLEDO, OH
PROJECT CONDITION SOUNDINGS 2026
SCALE: 1"=200'

Sheet reference number
VH-1013
Sheet 13 of 16

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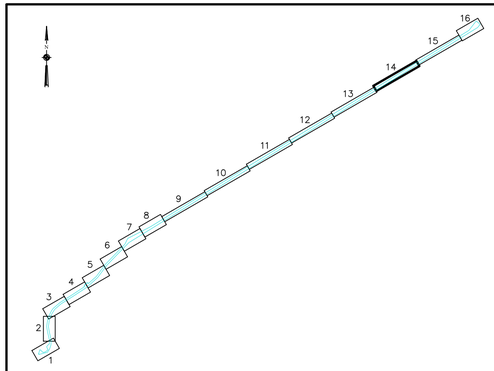

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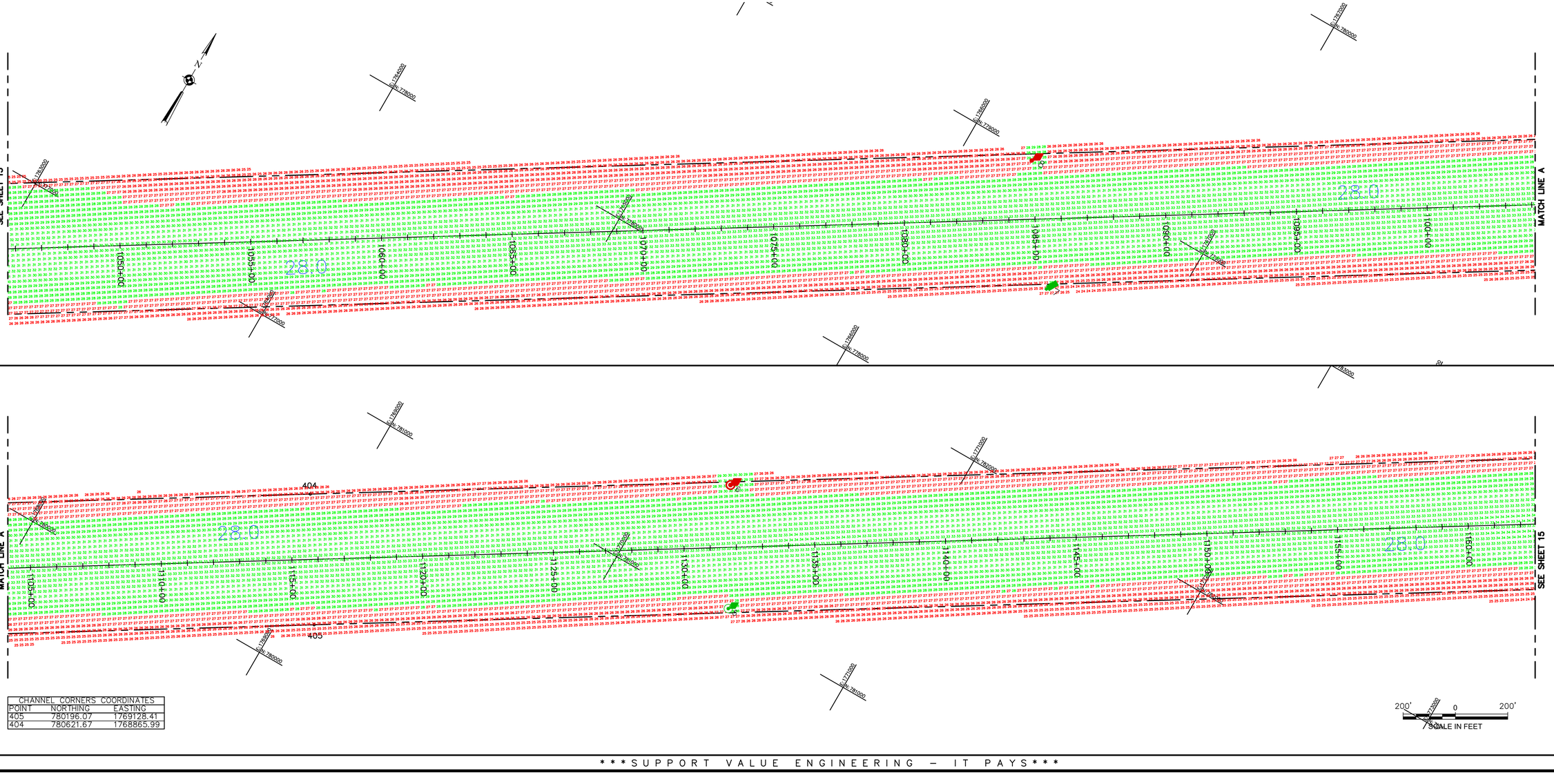
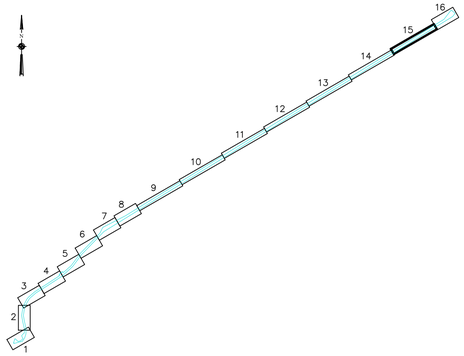
VICINITY MAP
"NOT TO SCALE"





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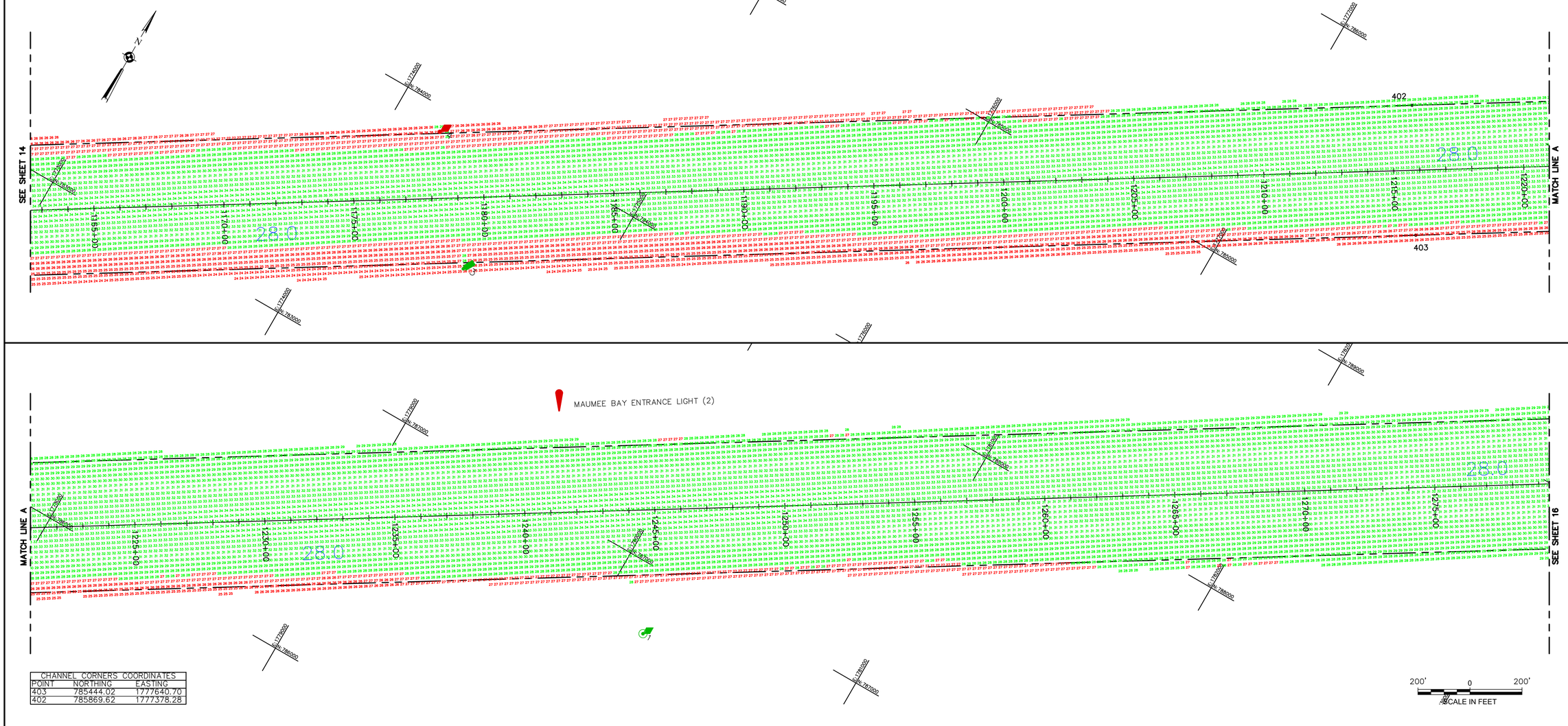

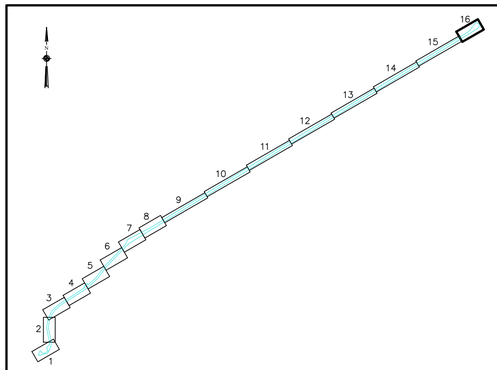

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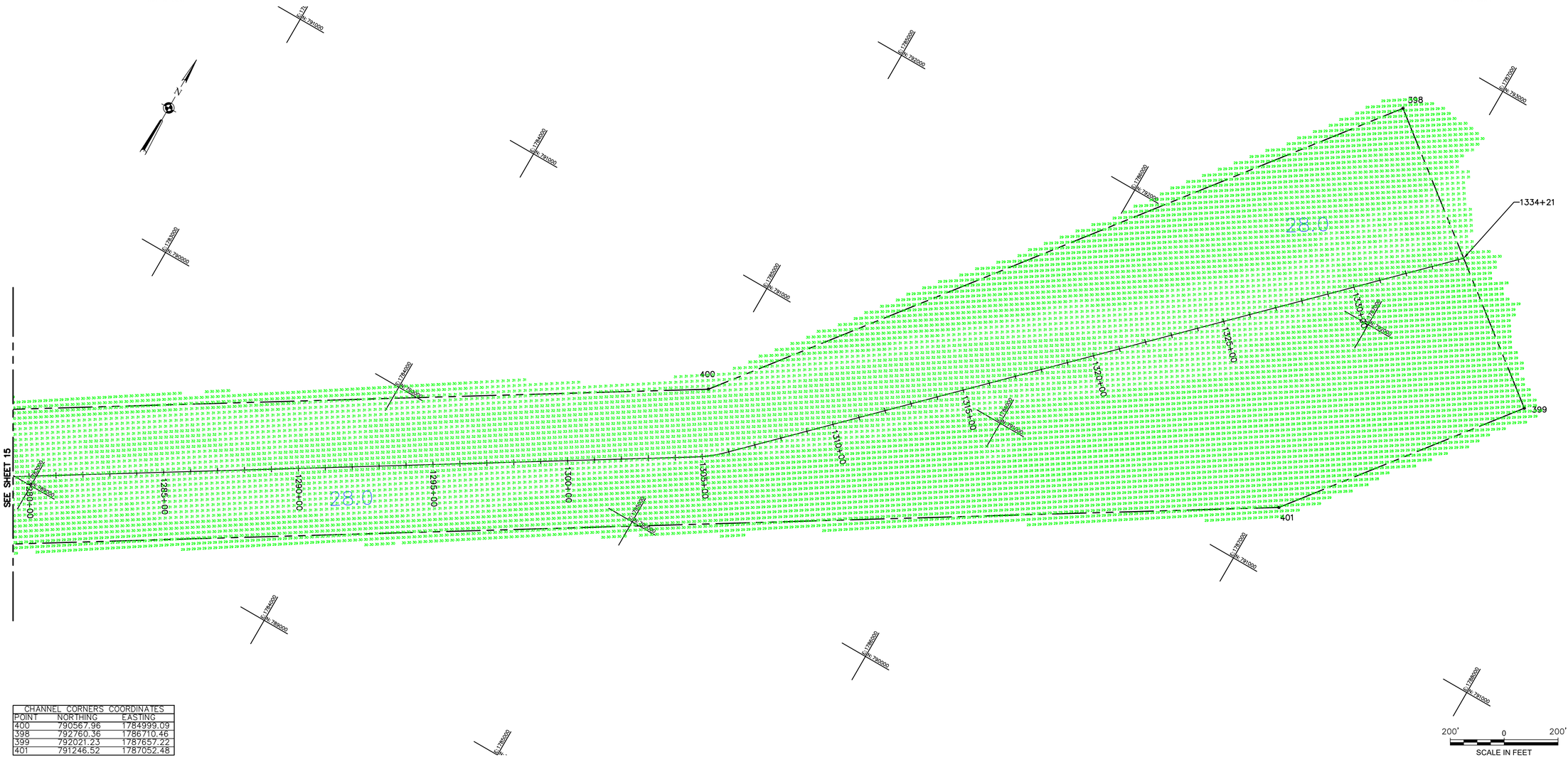

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
400	790567.96	1784999.09
398	792760.36	1786710.46
399	792021.23	1787657.22
401	791246.52	1787052.48

US Army Corps of Engineers
Buffalo District

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