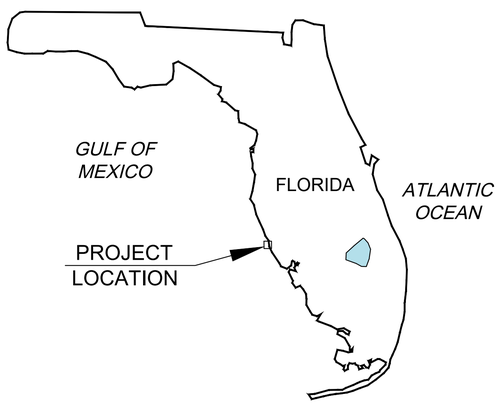
PHILLIPPI CREEK MAINTENANCE DREDGING PROJECT

SARASOTA COUNTY, FLORIDA



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OWNER:

Sarasota County

SARASOTA COUNTY
PLANNING AND DEVELOPMENT SERVICES,
ENVIRONMENTAL PROTECTION DIVISION
1001 SARASOTA CENTER BLVD
SARASOTA, FL 34240

ENGINEER:

CUMMINS | CEDERBERG
Coastal & Marine Engineering

MIAMI | FORT LAUDERDALE | JUPITER
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PROJECT SPONSOR:

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West Coast Inland Navigation District

WEST COAST INLAND NAVIGATION
DISTRICT (WCIND)
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VENICE, FL 34285

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GENERAL NOTES:

1. THE WORK CONSISTS OF FURNISHING ALL CONSTRUCTION, LABOR, EQUIPMENT AND MATERIALS AND PERFORMING ALL OPERATIONS IN CONNECTION WITH DREDGING OF THE LOCATIONS SHOWN ON THESE DRAWINGS AND SPECIFIED IN THE CONTRACT DOCUMENTS, INCLUDING TECHNICAL SPECIFICATIONS.
2. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR HAS BEEN ISSUED NOTICE TO PROCEED.
3. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE CHANGED IN SIZE BY REPRODUCTION. THIS SHOULD BE CONSIDERED WHEN OBTAINING SCALED DATA. ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD
4. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES IN THE PLANS WITH FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. CONSTRUCTION SHALL NOT CONTINUE UNTIL THE ENGINEER HAS ADDRESSED THE DISCREPANCIES.
5. THE WORK INCLUDES THE DREDGING, DEWATERING, TRANSPORT, AND DISPOSAL OF MATERIAL FROM PHILLIPPI CREEK. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MULTIPLE DREDGE AND DISPOSAL AREAS AS IDENTIFIED IN THE CONTRACT DOCUMENTS.

SURVEY NOTES

1. BATHYMETRIC SURVEY BY SURVTECH SOLUTIONS, DATED JANUARY 2025
2. HORIZONTAL DATUM UTILIZED FOR THIS PROJECT IS NAD 1983 FLORIDA WEST ZONE, 2011 ADJUSTMENT, U.S. SURVEY FEET.
3. VERTICAL DATUM UTILIZED FOR THIS PROJECT IS NAVD 1988, GEOID CONUS 18.

TIDAL DATA

1. PUBLISHED TIDAL ELEVATIONS ARE SHOWN IN THE CONSTRUCTION PLANS. CONTRACTOR MAY NEED TO ADJUST HIS WORK PLAN TO ACCOUNT FOR ACTUAL WATER LEVELS AND CHANGING WATER LEVELS. THE SITE MAY BE SUBJECT TO VARIABLE WAVE AND SURGE CONDITIONS AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE TEMPORARY SUPPORT FOR MARINE STRUCTURES AND SHORELINE DURING CONSTRUCTION. TIDAL DATA OBTAINED FROM NOAA STATION 8726384 PORT MANATEE, FLORIDA

DREDGING NOTES

1. POTENTIAL DEBRIS OR DISPLACED ROCKS IN THE DREDGING FOOTPRINT SHALL BE REMOVED.
2. DEBRIS AND ROCKS REMOVED FROM THE DREDGED AREA SHALL BE REMOVED FROM THE WATER. DISPOSAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND DISPOSAL SHALL BE AT AN APPROVED SITE.
3. CONTRACTOR TO CONDUCT PRE-CONSTRUCTION HYDROGRAPHIC SURVEY OF DREDGING AND PLACEMENT AREAS AS WELL AS CONTRACT PAYMENT SURVEYS.
4. ALL TOWING OPERATIONS SHALL BE CONDUCTED "ON THE HIP" OR WITH FLOATING LINES TO PREVENT TOW CABLE DRAGS AND IMPACTS TO MARINE RESOURCES.
5. THE REMOVAL OF HARD MATERIAL IS NOT ALLOWED.
6. MATERIAL TO BE BARGED OR PUMPED FROM DREDGED AREA TO DESIGNATED AND APPROVED DISPOSAL SITE AS DIRECTED BY APPROVED PERMITS.
7. THE PROSECUTION OF WORK SHALL ENSURE THE STABILITY OF PIERS, BULKHEADS, AND OTHER STRUCTURES LYING ON OR ADJACENT TO THE SITE OF THE WORK, INSOFAR AS STRUCTURES MAY BE JEOPARDIZED BY DREDGING OPERATIONS. REPAIR DAMAGE RESULTING FROM DREDGING OPERATIONS, INSOFAR AS SUCH DAMAGE MAY BE CAUSED BY VARIATION IN LOCATIONS OR DEPTH OF DREDGING, OR BOTH, FROM THAT INDICATED OR PERMITTED UNDER THE CONTRACT.
8. THE MATERIAL REMOVED WILL BE MEASURED BY CUBIC YARD IN PLACE, BY MEANS OF SOUNDINGS TAKEN BEFORE AND AFTER DREDGING. THE DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON CURRENT AVAILABLE INFORMATION, BUT WILL BE VERIFIED AND CORRECTED, IF NECESSARY, BY SOUNDINGS TAKEN BEFORE DREDGING IN EACH LOCALITY. SOUNDINGS WILL BE TAKEN BY 200 KHZ SURVEY FATHOMETER, AS DETERMINED BY THE ENGINEER; RESULTS OF SOUNDINGS WILL BE USED TO CONFIRM DREDGING IN ACCORDANCE TO PLANS.
9. PILES AND NAVIGATIONAL MARKERS TO BE TEMPORARILY REMOVED AND REINSTALLED AS REQUIRED.

ENVIRONMENTAL NOTES

1. SPOIL MATERIAL WILL BE DE-WATERED ON SITE WHILE SURROUNDED BY EROSION CONTROL DEVICES (SUCH AS BERMS OR HAY BALES.) THE HANDLING AND STORAGE OF THE SPOIL MATERIAL WILL BE COMPLETED IN A MANNER THAT PREVENTS SEDIMENTATION, EROSION, AND TURBIDITY DURING DE-WATERING, OVERFLOW, TRANSFER, AND STORAGE OF THE MATERIAL.
2. CONTRACTOR SHALL SUBMIT A TURBIDITY CONTROL PLAN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS AND REGULATORY PERMITS.
3. TURBIDITY CURTAIN SHALL BE MONITORED VISUALLY AS OUTLINED IN THE SPECIFICATIONS AND REGULATORY PERMITS.
4. TURBIDITY CURTAINS SHALL BE DEPLOYED AT THE SPOIL MATERIAL DISPOSAL LOCATIONS IN ACCORDANCE WITH THE APPROVED ENVIRONMENTAL PERMITS.
5. CONTRACTOR SHALL DEPLOY PHASED TURBIDITY CURTAINS AS APPLICABLE AS SHOWN WITHIN THE PROJECT TURBIDITY CONTROL LIMITS WITH A FLOATING CURTAIN LENGTH FOR EFFICIENT PRODUCTION WITH HIS DREDGE PLANT AND ASSOCIATED FLOATING EQUIPMENT. THESE PHASED TURBIDITY CONTROL MEASURES WILL BE RELOCATED AS THE PROJECT PROGRESSES WITHIN THE PROJECT TURBIDITY CONTROL LIMITS. THE LENGTH AND ORIENTATION OF THE PHASED TURBIDITY CONTROL CURTAINS ON THIS PLAN IS PROVIDED FOR ORIENTATION ONLY AND THE CONTRACTOR SHALL SPECIFY HIS PREFERRED LENGTH OF TURBIDITY CONTROL CURTAIN AND PHASING PLAN IN ACCORDANCE WITH REGULATORY PERMITS.
6. TURBIDITY CURTAINS SHALL NOT BE RELOCATED/REMOVED AT THE DISCHARGE SITE UNTIL LEVELS WITHIN THE ENCLOSED AREA RETURN TO BACKGROUND LEVELS OUTSIDE THE CURTAINS.
7. TURBIDITY CURTAINS SHALL BE FLOATING WITH WEIGHTED SKIRTS THAT EXTEND TO WITHIN 1 FOOT OF THE SEA BOTTOM.
8. TURBIDITY CURTAINS SHALL BE SECURED WITH TEMPORARY STEEL OR TIMBER PILINGS AT SUFFICIENT SPACING TO MAINTAIN CONTROL FUNCTION. ALL LINES SHALL BE TAUGHT AND NON-LOOPING TO PREVENT WILDLIFE ENTANGLEMENT.
9. CONTRACTOR TO PROVIDE TURBIDITY MONITORING IN ACCORDANCE WITH REGULATORY PERMITS.
10. CONSTRUCTION PERSONNEL SHALL OBSERVE ANY ESA-LISTED SPECIES OR MARINE MAMMALS. IF ANY INTERACTION OCCURS, THE INCIDENT WILL BE IMMEDIATELY REPORTED TO THE APPROPRIATE AGENCY. VESSEL OPERATORS WILL OPERATE AT "IDLE SPEED/NO WAKE" AT ALL TIMES WHILE OPERATING IN WATER DEPTHS WITH LESS THAN 4-FOOT CLEARANCE, OR IF A PROTECTED SPECIES HAS BEEN OBSERVED. ALL VESSELS WILL FOLLOW MARKED CHANNEL ROUTES. OPERATION OF MECHANICAL EQUIPMENT SHALL CEASE IF A PROTECTED SPECIES IS OBSERVED WITHIN A 50-FOOT RADIUS OF CONSTRUCTION EQUIPMENT AND SHALL RESUME ONLY WHEN THE SPECIES HAS LEFT THE AREA OF ITS OWN VOLITION.
11. THE CONTRACTOR SHALL NOT ANCHOR, PLACE PIPELINE, OR STAGE EQUIPMENT IN A MANNER THAT WILL CAUSE ANY DAMAGE TO SEAGRASSES. ANCHORING, OR STAGING EQUIPMENT SHALL AVOID THESE SENSITIVE AREAS. IF SUCH ACTIVITIES CANNOT BE DONE WITHOUT AFFECTING THESE SENSITIVE AREAS, THE ACTIVITIES SHALL CEASE AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED (NO LATER THAN THE MORNING FOLLOWING THE NEXT WORKING DAY IF THE INCIDENT OCCURS AFTER NORMAL WORKING HOURS). ANY ACTUAL OR POTENTIAL INCIDENT INVOLVING DAMAGE TO, OR DISTURBANCE OF, SEAGRASSES SHALL BE REPORTED.
12. REMOVAL OF MARINE DEBRIS SHALL REQUIRE VISUAL CONFIRMATION (E.G., DIVERS, SWIMMERS, AND CAMERA) THAT THE ITEM CAN BE REMOVED WITHOUT CAUSING FURTHER DAMAGE TO AQUATIC NATURAL RESOURCES.
13. MARINE DEBRIS SHALL BE LIFTED STRAIGHT UP AND NOT BE DRAGGED THROUGH SEAGRASS BEDS, CORAL REEFS, CORAL, OR HARD BOTTOM HABITATS. TRAWLING ALSO CANNOT BE USED AS A MEANS OF MARINE DEBRIS REMOVAL. DEBRIS SHALL BE PROPERLY DISPOSED OF IN APPROPRIATE FACILITIES IN ACCORDANCE WITH APPLICABLE FEDERAL AND STATE REQUIREMENTS.
14. ANY EQUIPMENT USED TO REMOVE DEBRIS SHALL NOT DISTURB THE SEAFLOOR.

ENVIRONMENTAL PERMITS

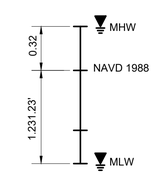
1. FDEP, USACE, AND LOCAL PERMITS COVER THE PROJECT. ALL CONDITIONS OF THE PERMITS, AND EXEMPTIONS SHALL BE ADHERED TO.

ABBREVIATIONS

ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
CONT	CONTINUOUS
CONT'D	CONTINUED
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
KSI	KIPS PER SQUARE INCH
MHW	MEAN HIGH WATER
MHHW	MEAN HIGHER HIGH WATER
MIN	MINIMUM
MLW	MEAN LOW WATER
MLLW	MEAN LOWER LOW WATER
MSL	MEAN SEA LEVEL
NAVD	NORTH AMERICAN VERTICAL DATUM
NGVD	NATIONAL GEODETIC VERTICAL DATUM
PERA	PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS
PSI	POUNDS PER SQUARE INCH
TYP	TYPICAL
USACE	UNITED STATES ARMY CORPS OF ENGINEERS

VERTICAL DATUM

NOAA STATION 8726384
PORT MANATEE, FL



NTS

PROJECT:
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ADDRESS:
SARASOTA, FL

CLIENT:
WEST COAST INLAND NAVIGATION DISTRICT

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GENERAL NOTES

CM-1.0

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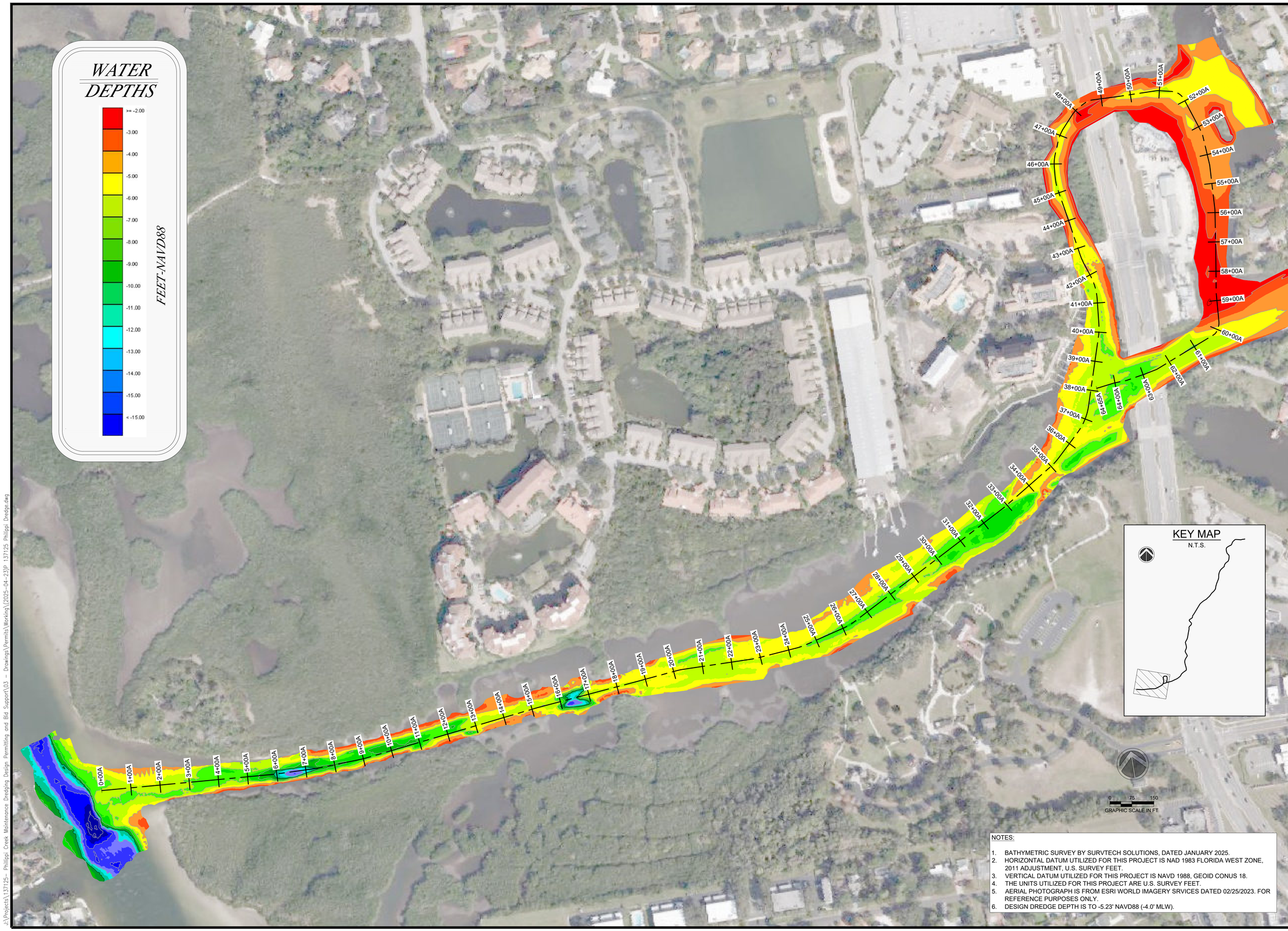

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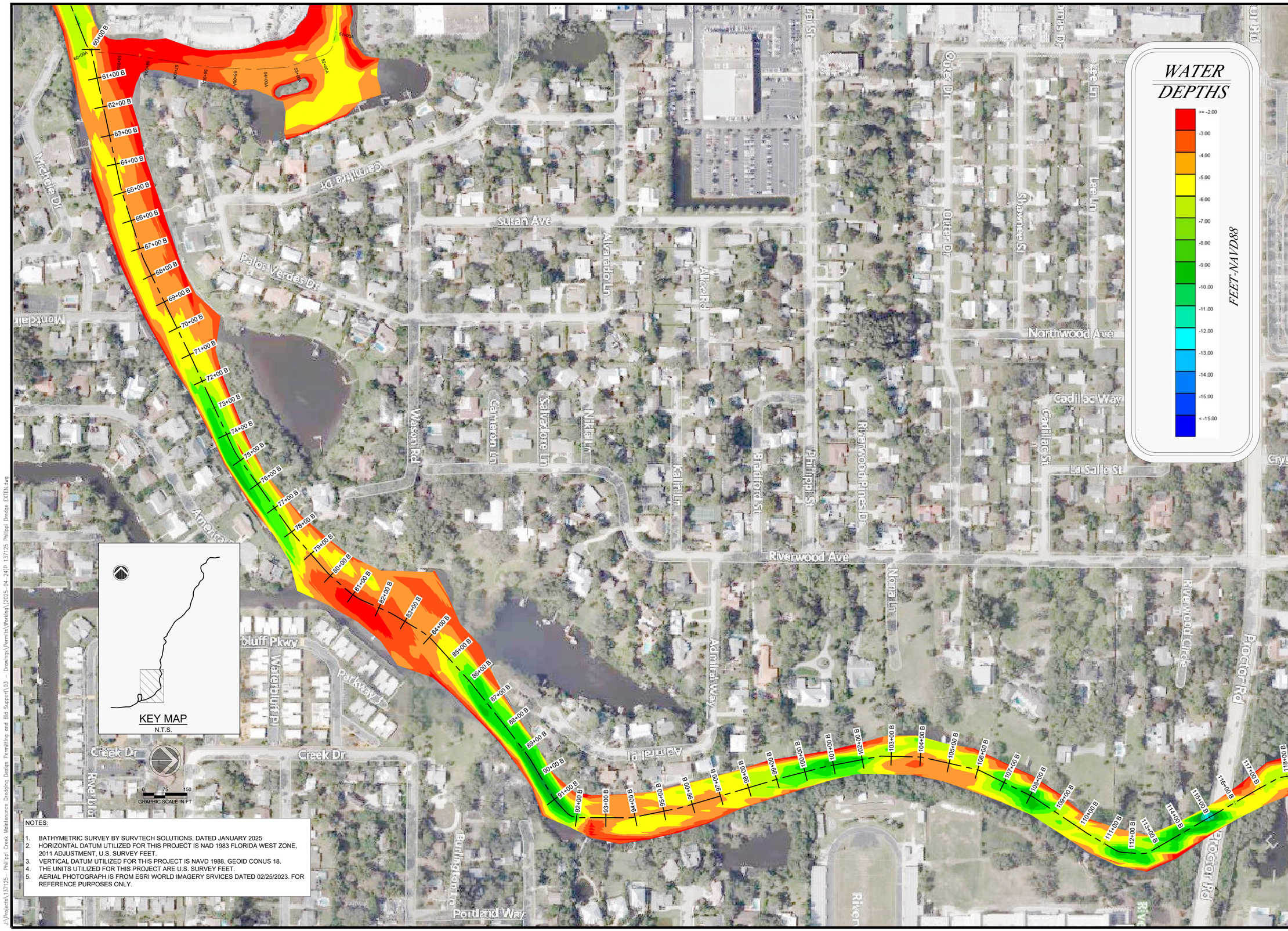

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CM-1.2

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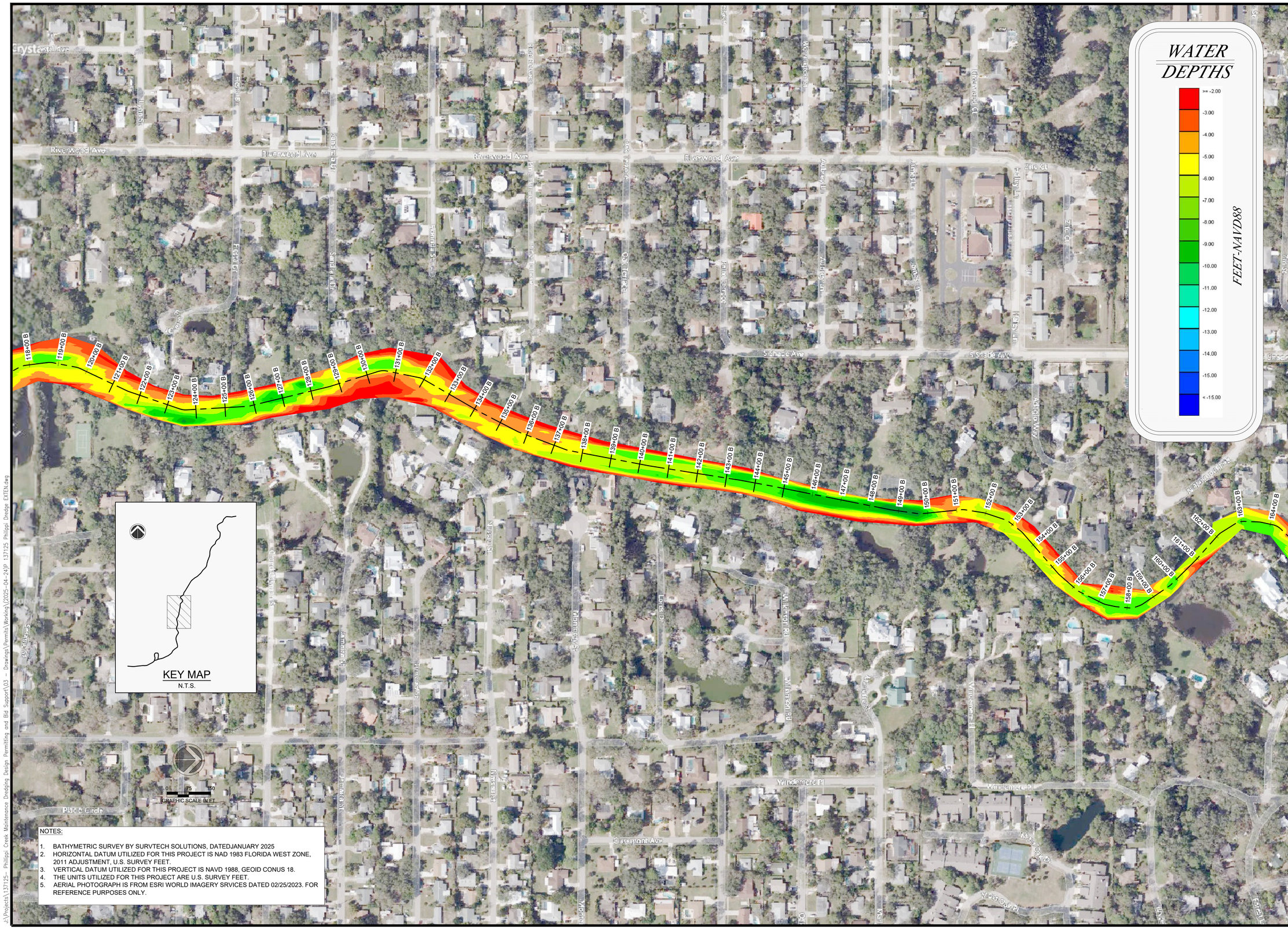

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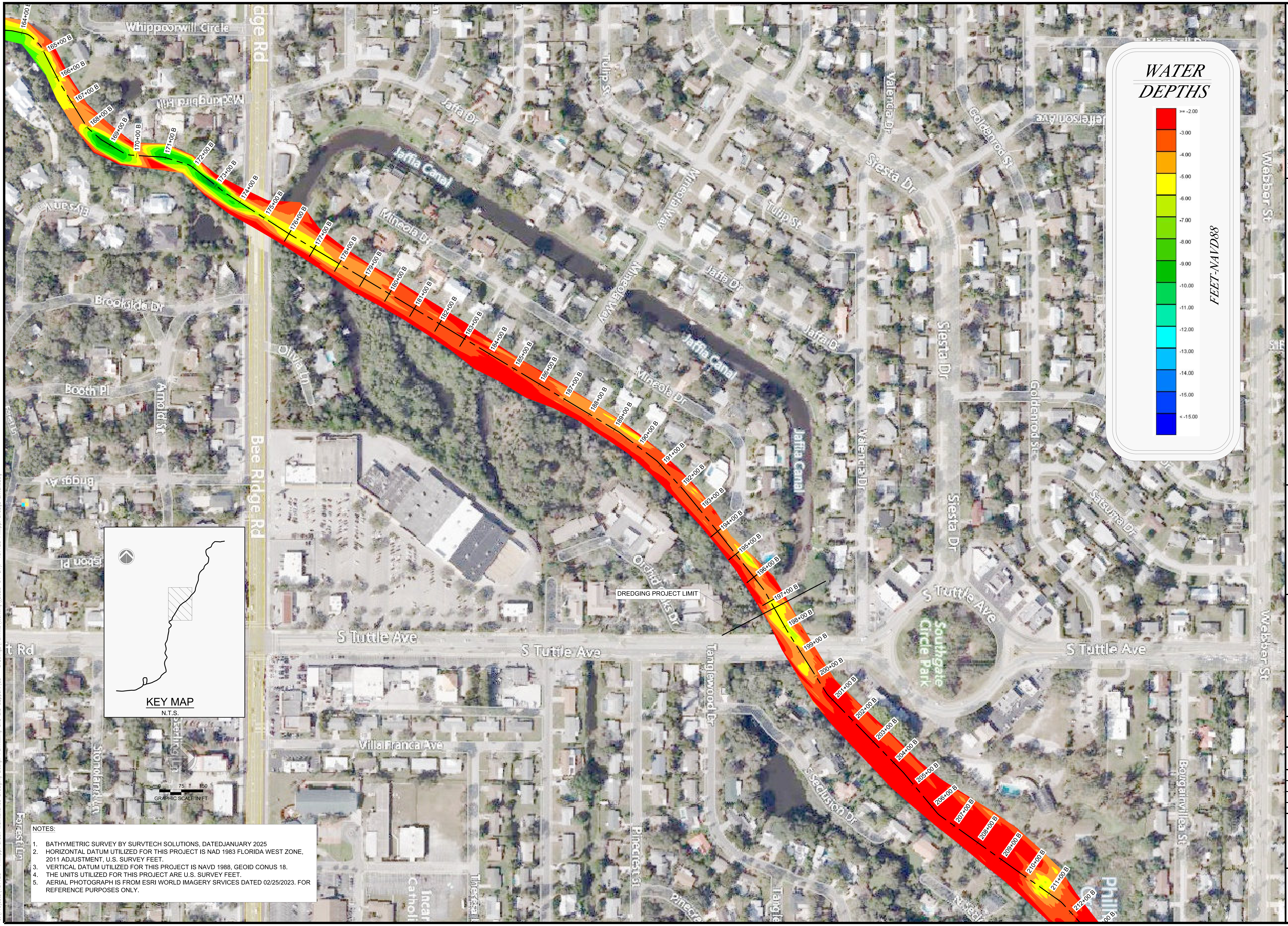

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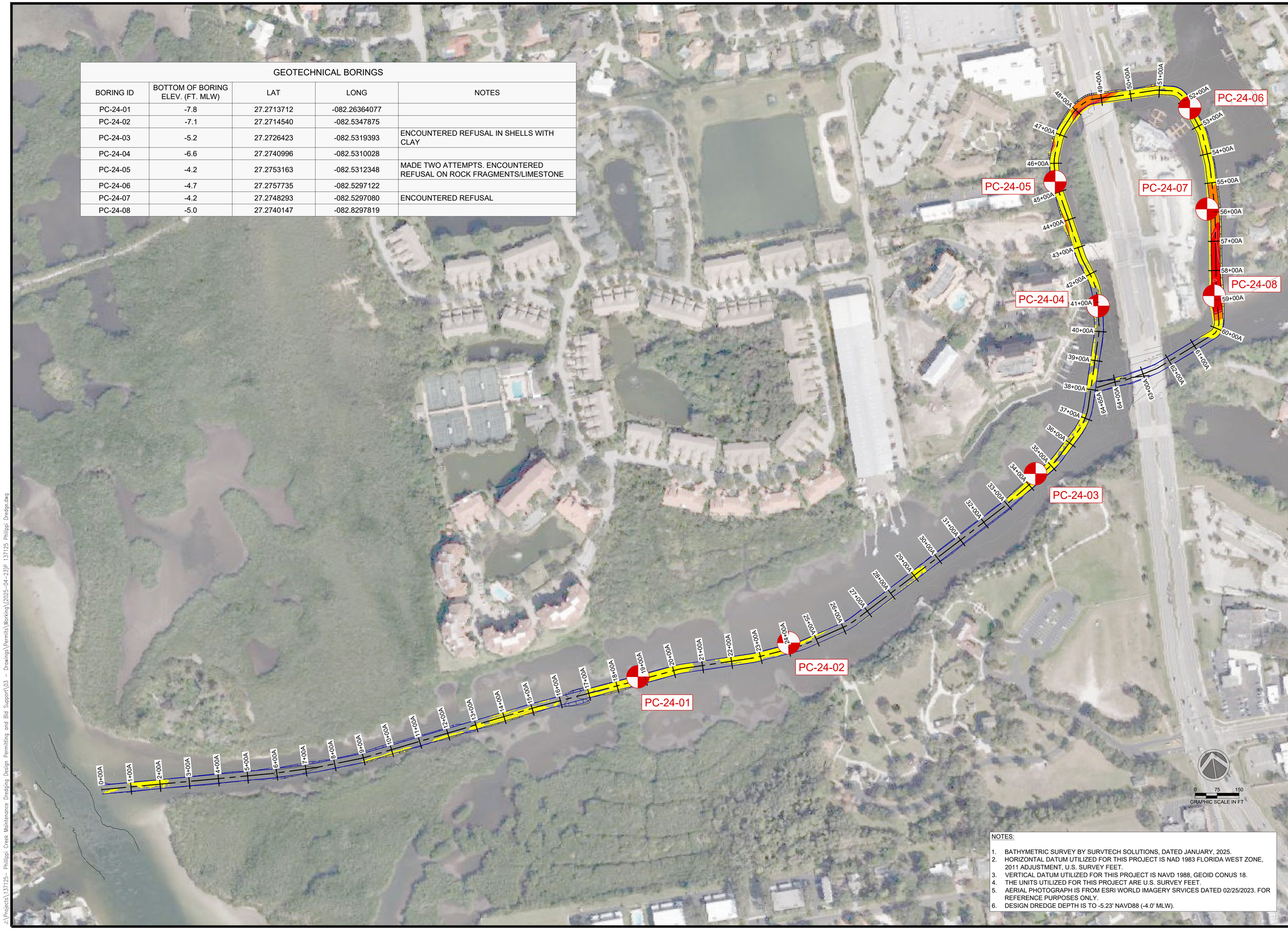
CM-1.4

GEOTECHNICAL BORINGS				
BORING ID	BOTTOM OF BORING ELEV. (FT. MLW)	LAT	LONG	NOTES
PC-24-01	-7.8	27.2713712	-082.26364077	
PC-24-02	-7.1	27.2714540	-082.5347875	
PC-24-03	-5.2	27.2726423	-082.5319393	ENCOUNTERED REFUSAL IN SHELLS WITH CLAY
PC-24-04	-6.6	27.2740996	-082.5310028	
PC-24-05	-4.2	27.2753163	-082.5312348	MADE TWO ATTEMPTS. ENCOUNTERED REFUSAL ON ROCK FRAGMENTS/LIMESTONE
PC-24-06	-4.7	27.2757735	-082.5297122	
PC-24-07	-4.2	27.2748293	-082.5297080	ENCOUNTERED REFUSAL
PC-24-08	-5.0	27.2740147	-082.8297819	



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EXISTING SITE / GEOTECHNICAL BORINGS PLAN

CM-1.5

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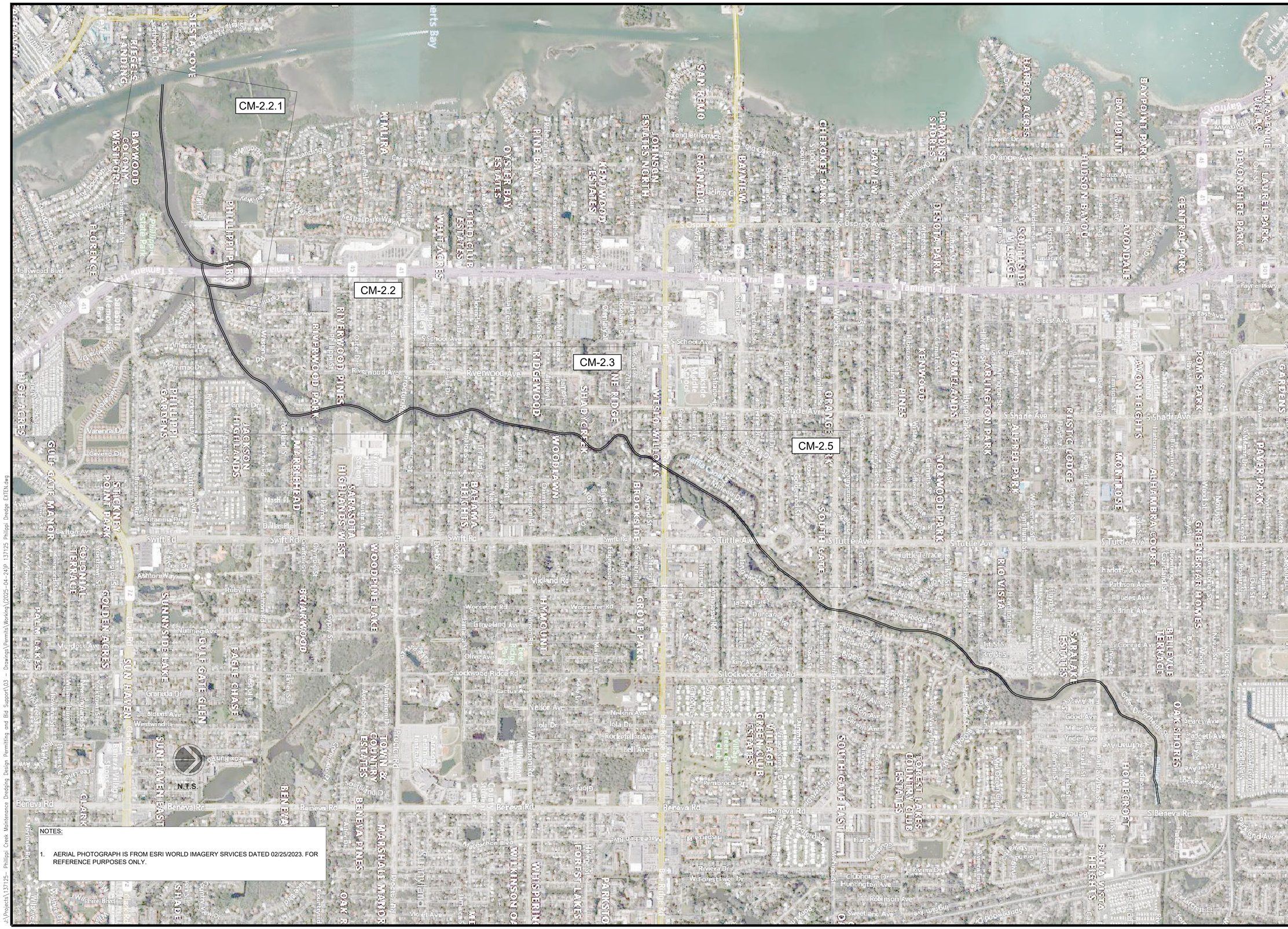

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TEL: +1 305 741-6155 FAX: +1 305-974-1969
WWW.CUMMINSCEDERBERG.COM
COA # 29062

SEAL:

ISSUE	DATE	SUBMISSION / REVISION
1	04/07/2025	PERMIT DRAWINGS

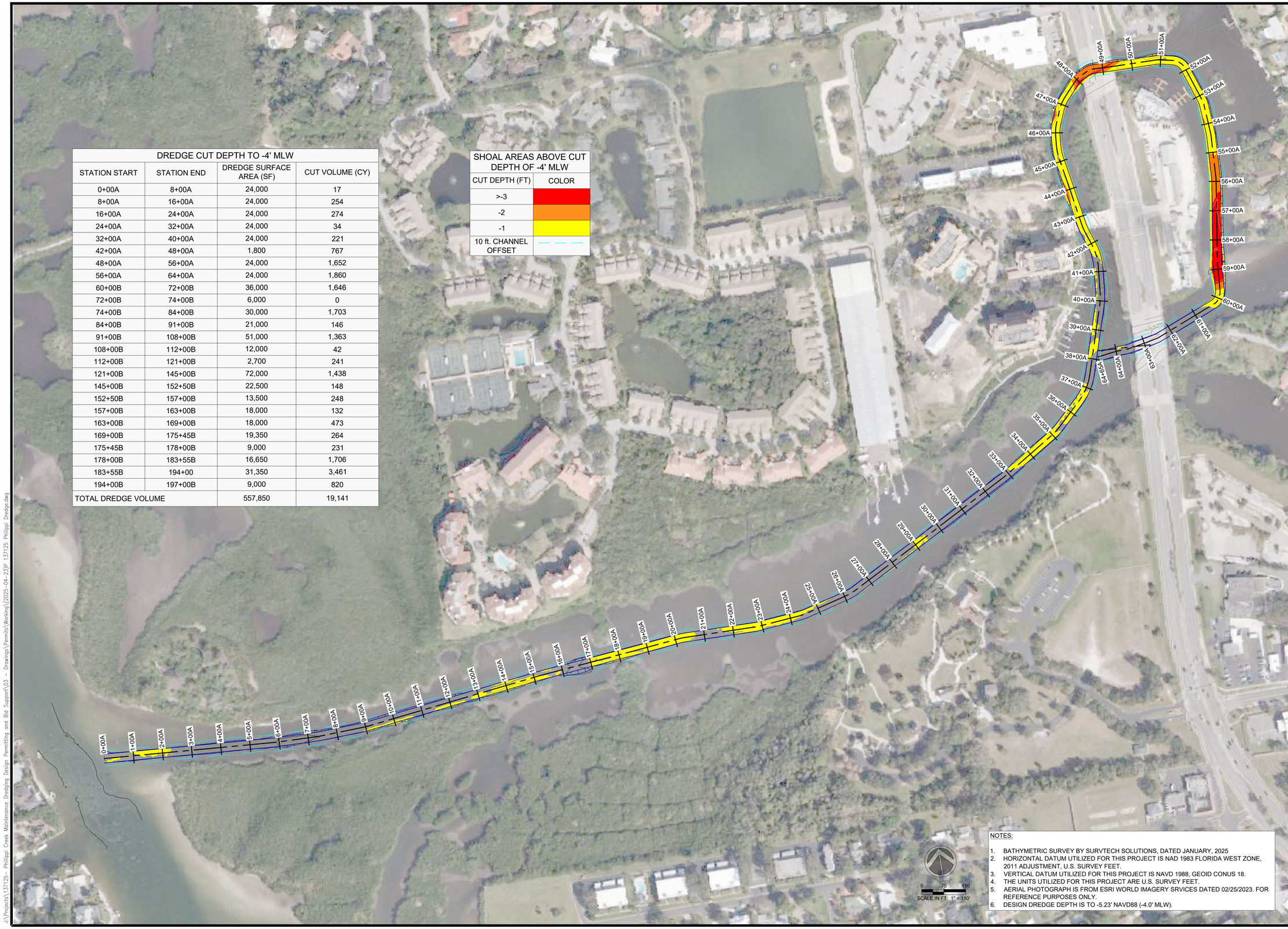
CC PROJECT NO:	137125
DRAWN	GK
CHECKED	KF/JB
SCALE	REFERS TO 22X34 SHEET

SHEET TITLE

PROJECT PLAN VIEW

CM-2.0

J:\Projects\137125 - Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\(2025-04-24)P 137125 Phillippi Dredge EXTENT.dwg



DREDGE CUT DEPTH TO -4' MLW			
STATION START	STATION END	DREDGE SURFACE AREA (SF)	CUT VOLUME (CY)
0+00A	8+00A	24,000	17
8+00A	16+00A	24,000	254
16+00A	24+00A	24,000	274
24+00A	32+00A	24,000	34
32+00A	40+00A	24,000	221
42+00A	48+00A	1,800	767
48+00A	56+00A	24,000	1,652
56+00A	64+00A	24,000	1,860
60+00B	72+00B	36,000	1,646
72+00B	74+00B	6,000	0
74+00B	84+00B	30,000	1,703
84+00B	91+00B	21,000	146
91+00B	108+00B	51,000	1,363
108+00B	112+00B	12,000	42
112+00B	121+00B	2,700	241
121+00B	145+00B	72,000	1,438
145+00B	152+50B	22,500	148
152+50B	157+00B	13,500	248
157+00B	163+00B	18,000	132
163+00B	169+00B	18,000	473
169+00B	175+45B	19,350	264
175+45B	178+00B	9,000	231
178+00B	183+55B	16,650	1,706
183+55B	194+00	31,350	3,461
194+00B	197+00B	9,000	820
TOTAL DREDGE VOLUME		557,850	19,141

SHOAL AREAS ABOVE CUT DEPTH OF -4' MLW	
CUT DEPTH (FT)	COLOR
>-3	
-2	
-1	
10 ft. CHANNEL OFFSET	

NOTES:

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6. DESIGN DREDGE DEPTH IS TO -5.23' NAVD88 (-4.0' MLW).

PROJECT:
PHILLIPPI CREEK MAINTENANCE DREDGING PROJECT

ADDRESS:
SARASOTA, FL

CLIENT:
WEST COAST INLAND NAVIGATION DISTRICT

ADDRESS:
200 E. MIAMI AVE.
VENICE, FL 34285

ENGINEER:
CUMMINS CEDERBERG
COASTAL & MARINE ENGINEERING

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SHEET TITLE
PROPOSED CHANNEL CUT DEPTHS

CM-2.1

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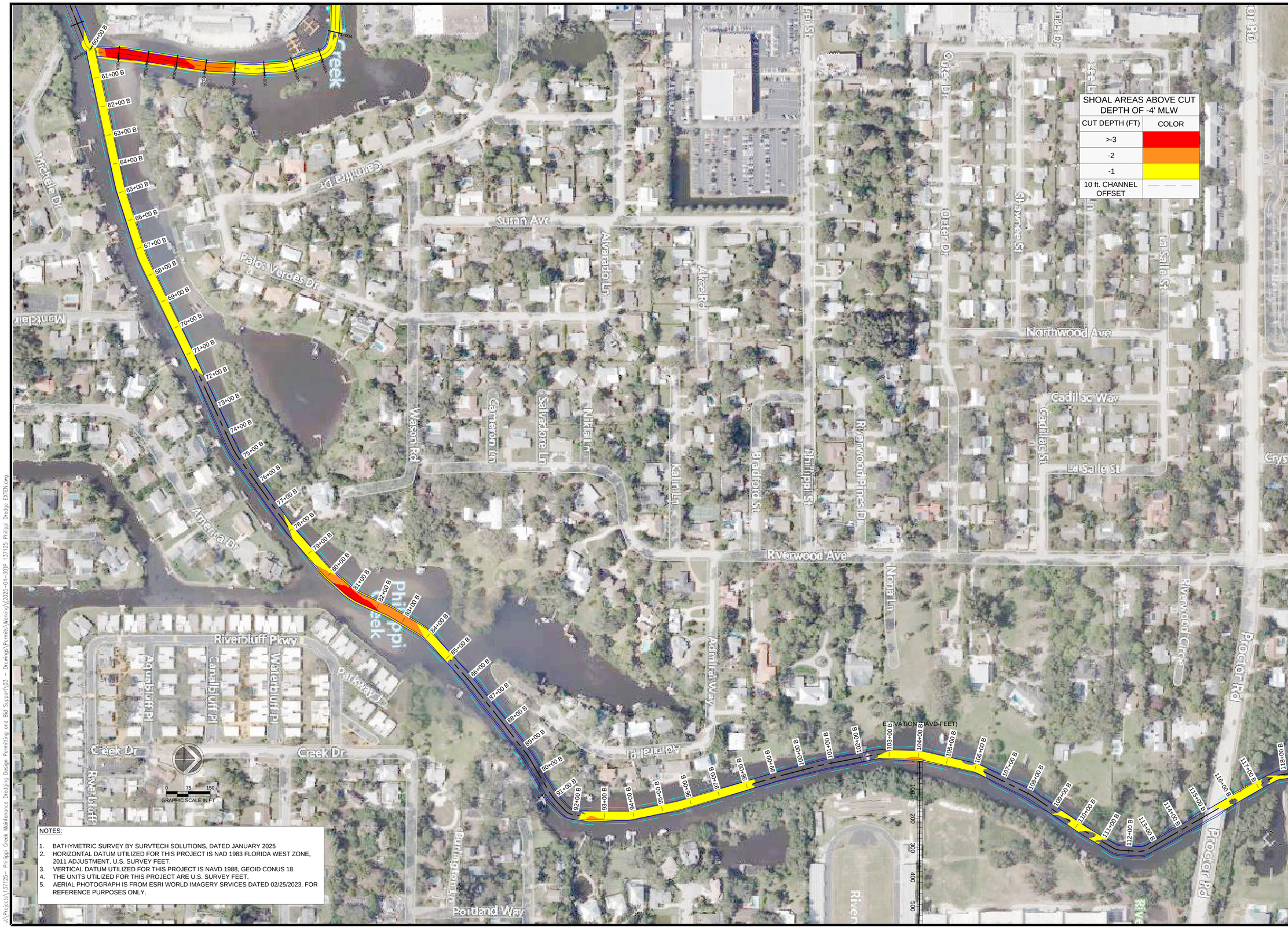

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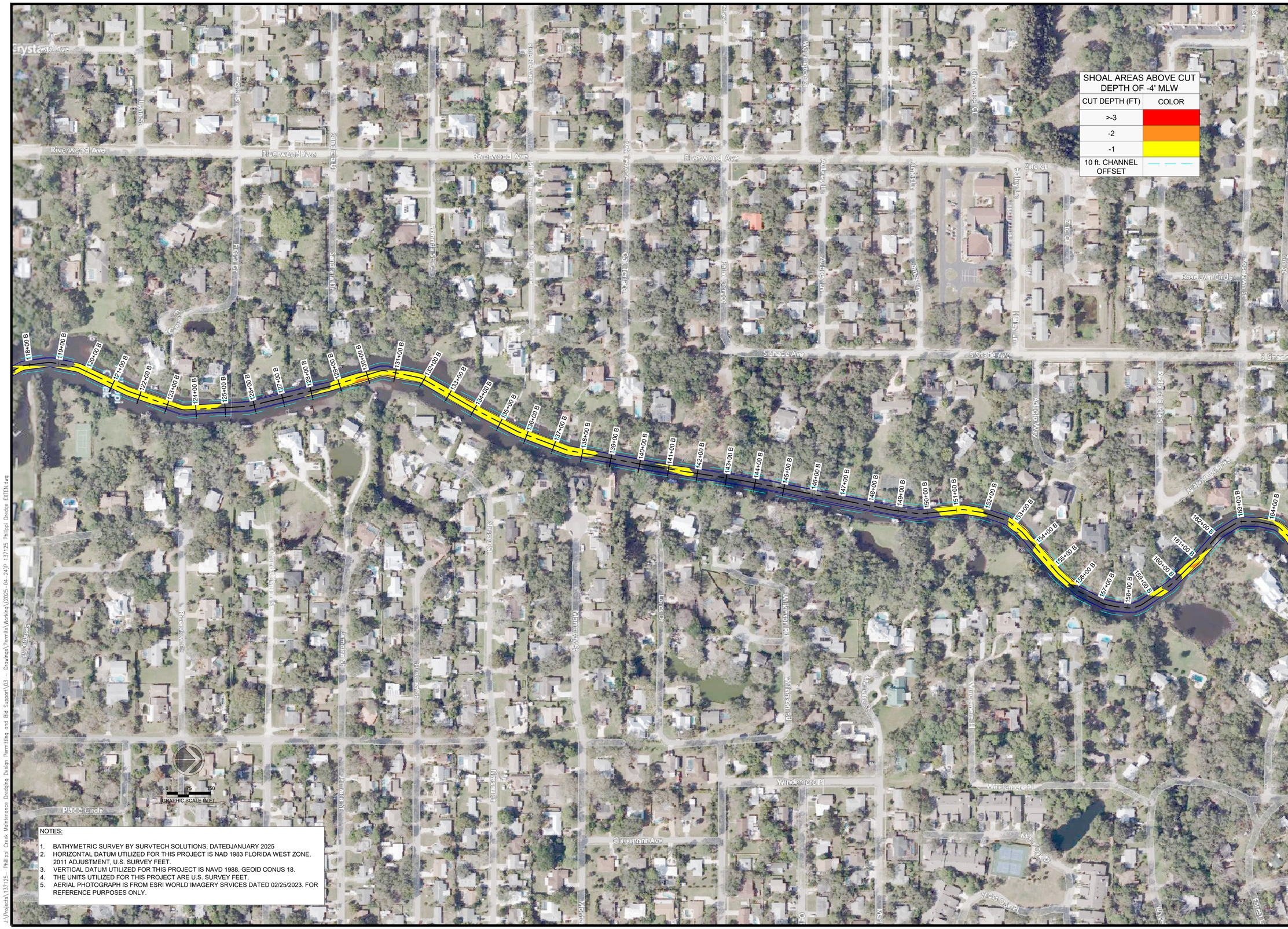
SHEET TITLE

PROPOSED CHANNEL CUT DEPTHS

CM-2.2

J:\Projects\137125 - Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\2025-04-30\P 137125 Phillippi Dredge EXTEN.dwg



SHOAL AREAS ABOVE CUT DEPTH OF -4' MLW	
CUT DEPTH (FT)	COLOR
>-3	
-2	
-1	
10 ft. CHANNEL OFFSET	

NOTES:

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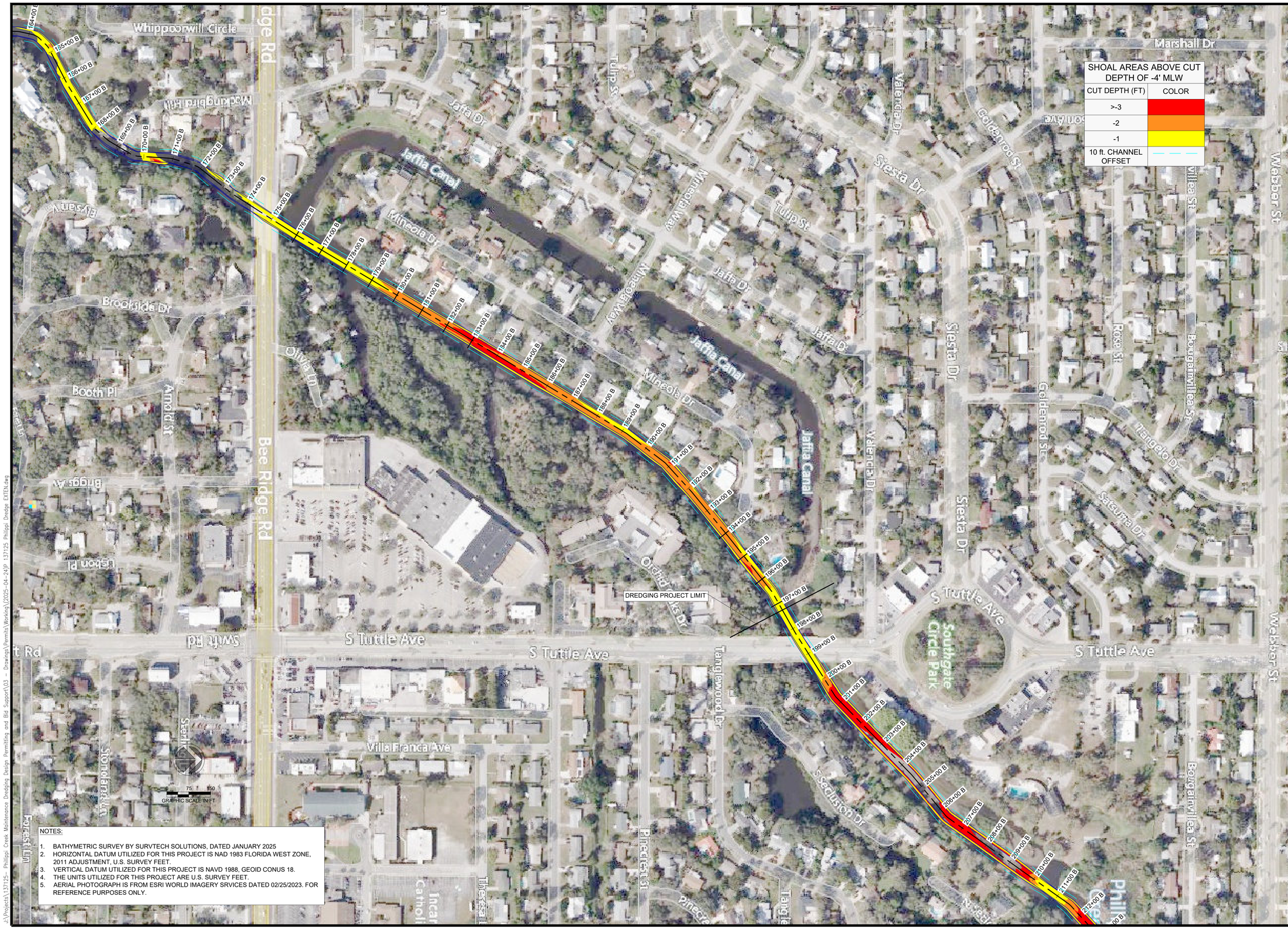
SCALE	REFERS TO 22X34 SHEET

SHEET TITLE
PROPOSED CHANNEL CUT DEPTHS

CM-2.3

A:\Projects\137125 - Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\2025-04-24\P 137125 Phillippi Dredge EXTEN.dwg



SHOAL AREAS ABOVE CUT DEPTH OF -4' MLW	
CUT DEPTH (FT)	COLOR
>-3	
-2	
-1	
10 ft. CHANNEL OFFSET	

NOTES:

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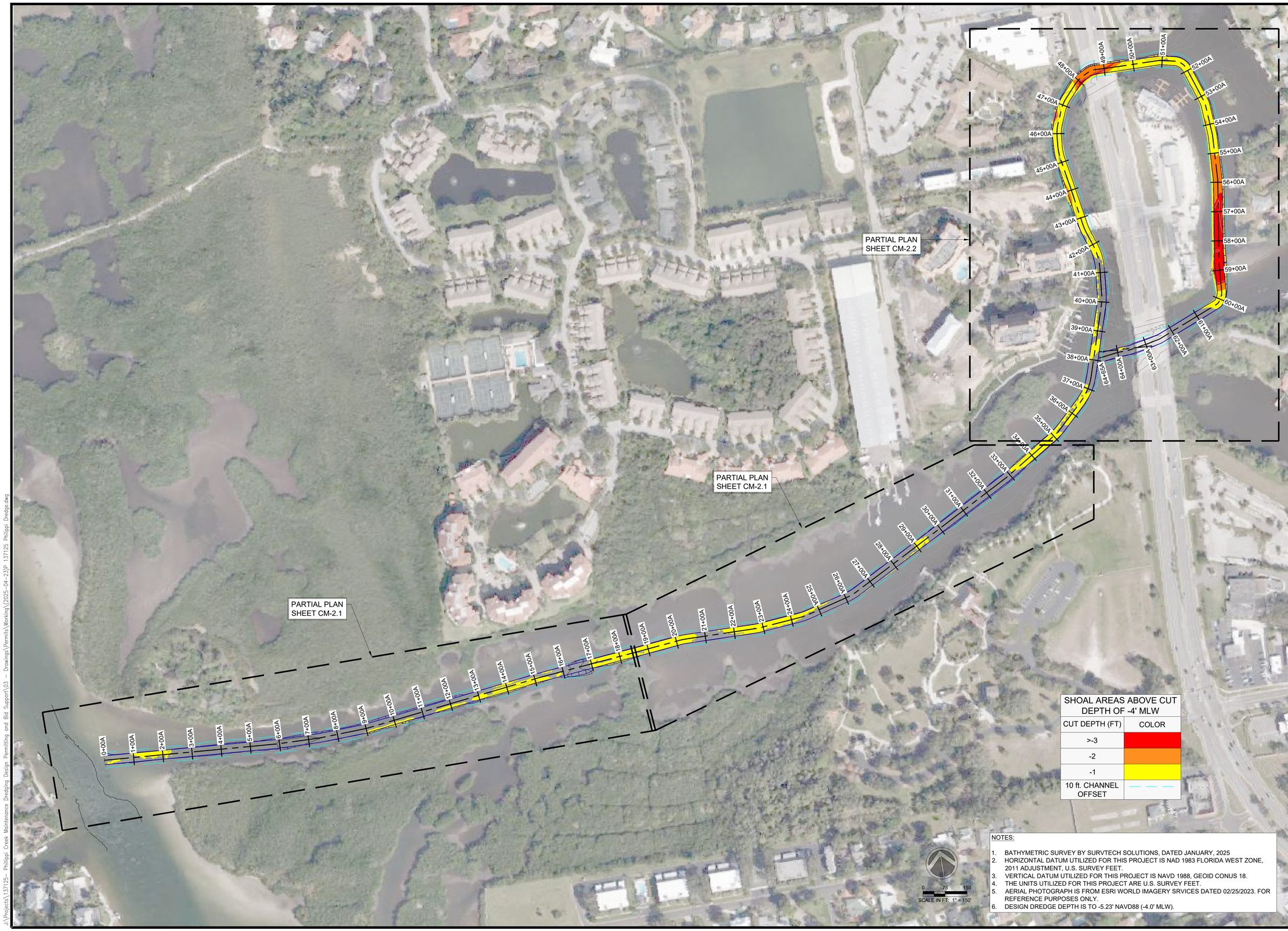
DRAWN	GK
CHECKED	KF/JB
SCALE	REFERS TO 22X34 SHEET

SHEET TITLE
PROPOSED CHANNEL CUT DEPTHS

CM-2.4

A:\Projects\137125 - Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\2025-04-24\P 137125 Phillippi Dredge EXTEN.dwg



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PHILLIPPI CREEK MAINTENANCE DREDGING PROJECT

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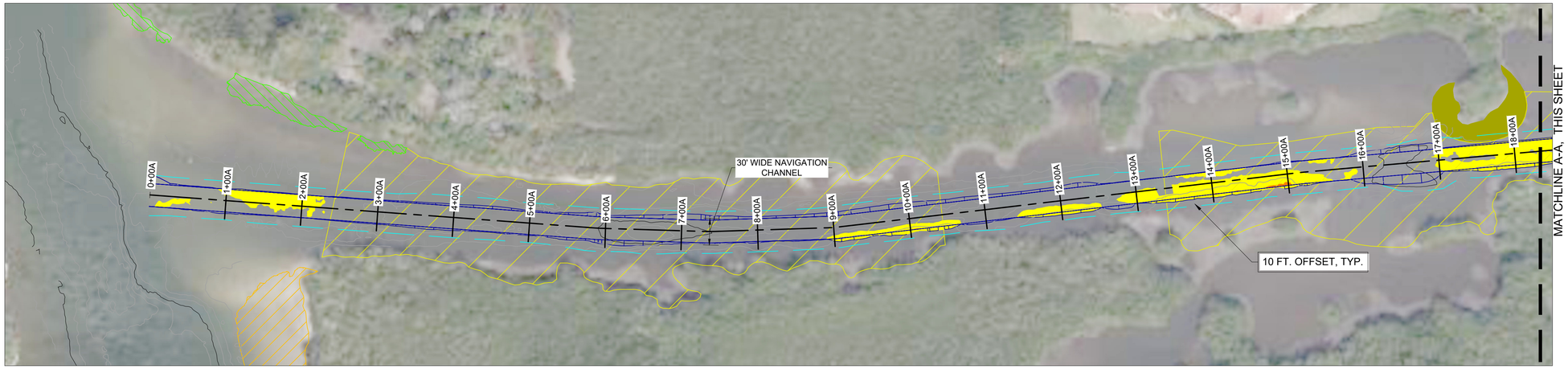
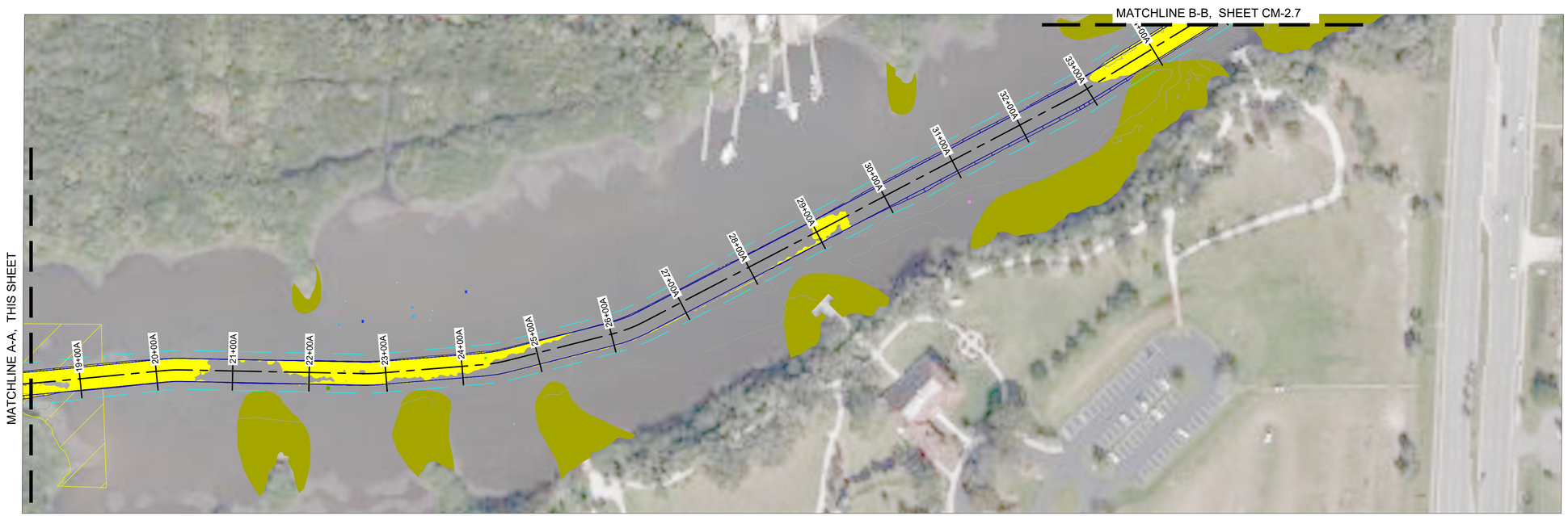
SHEET TITLE
MARINE RESOURCES PLAN VIEW

CM-2.5

J:\Projects\137125 - Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\(2025-04-23)P 137125 Phillippi Dredge.dwg





SEAGRASSES LEGEND	
Oyster Bed	
Oyster/Shell Hash Area	
Oyster Patch, Size (ft²)	
5-10	
20-50	
Seagrass Patch Species, Size (ft²)	
Halophila decipiens, 0-1	
Halophila decipiens, 1-5	
Halophila decipiens, 10-20	
Halodule wrightii, 0-1	
Halodule wrightii, 1-5	
Halodule wrightii, 5-10	

Seagrass Bed Species Coverage
Halodule wrightii, ~30%
Halodule wrightii and Halophila engelmannii, ~10-30%

Resources Impacted by Prop. Dredging

Oyster Bed = 362 ft²
Oyster/Shell Hash = 29,663 ft²
Oyster Patch = 69 ft²

Seagrassess = 25 ft²

SHOAL AREAS ABOVE CUT DEPTH OF -4' MLW	
CUT DEPTH (FT)	COLOR
>-3	
-2	
-1	
10 ft. CHANNEL OFFSET	

0 40 80
SCALE IN FT: 1" = 80'

NOTES:

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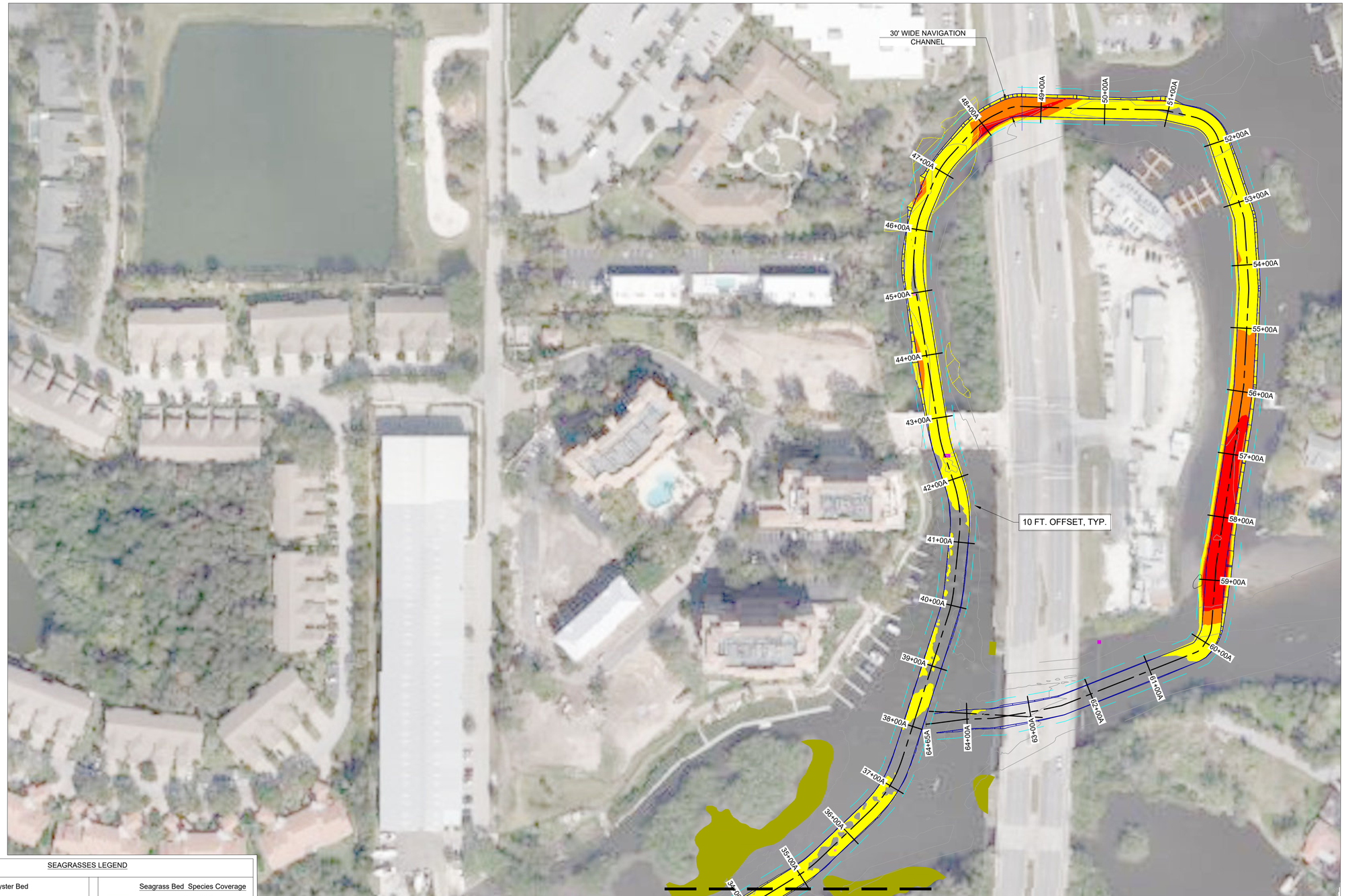
SCALE	REFERS TO 22X34 SHEET

SHEET TITLE
PROPOSED CHANNEL CUT DEPTHS & MARINE RESOURCES PARTIAL PLANS

CM-2.6

J:\Projects\137125 - Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\(2025-04-23)# 137125 Phillippi Dredge.dwg



MATCHLINE B-B, SHEET CM-2.6

SEAGRASSES LEGEND

Oyster Bed	
Oyster/Shell Hash Area	
Oyster Patch, Size (ft²)	
5-10	
20-50	
Seagrass Patch Species, Size (ft²)	
Halophila decipiens, 0-1	
Halophila decipiens, 1-5	
Halophila decipiens, 10-20	
Halodule wrightii, 0-1	
Halodule wrightii, 1-5	
Halodule wrightii, 5-10	

Seagrass Bed Species Coverage
Halodule wrightii, ~30%
Halodule wrightii and Halophila engelmannii, ~10-30%

Resources Impacted by Prop. Dredging

Oyster Bed = 362 ft²
Oyster/Shell Hash = 29,663 ft²
Oyster Patch = 69 ft²

Seagrassess = 25 ft²

SHOAL AREAS ABOVE CUT DEPTH OF -4' MLW

CUT DEPTH (FT)	COLOR
>-3	
-2	
-1	
10 ft. CHANNEL OFFSET	

0 40 80
SCALE IN FT: 1" = 80'

NOTES:

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SHEET TITLE
PROPOSED CHANNEL CUT DEPTHS & MARINE RESOURCES PARTIAL PLANS

CM-2.7

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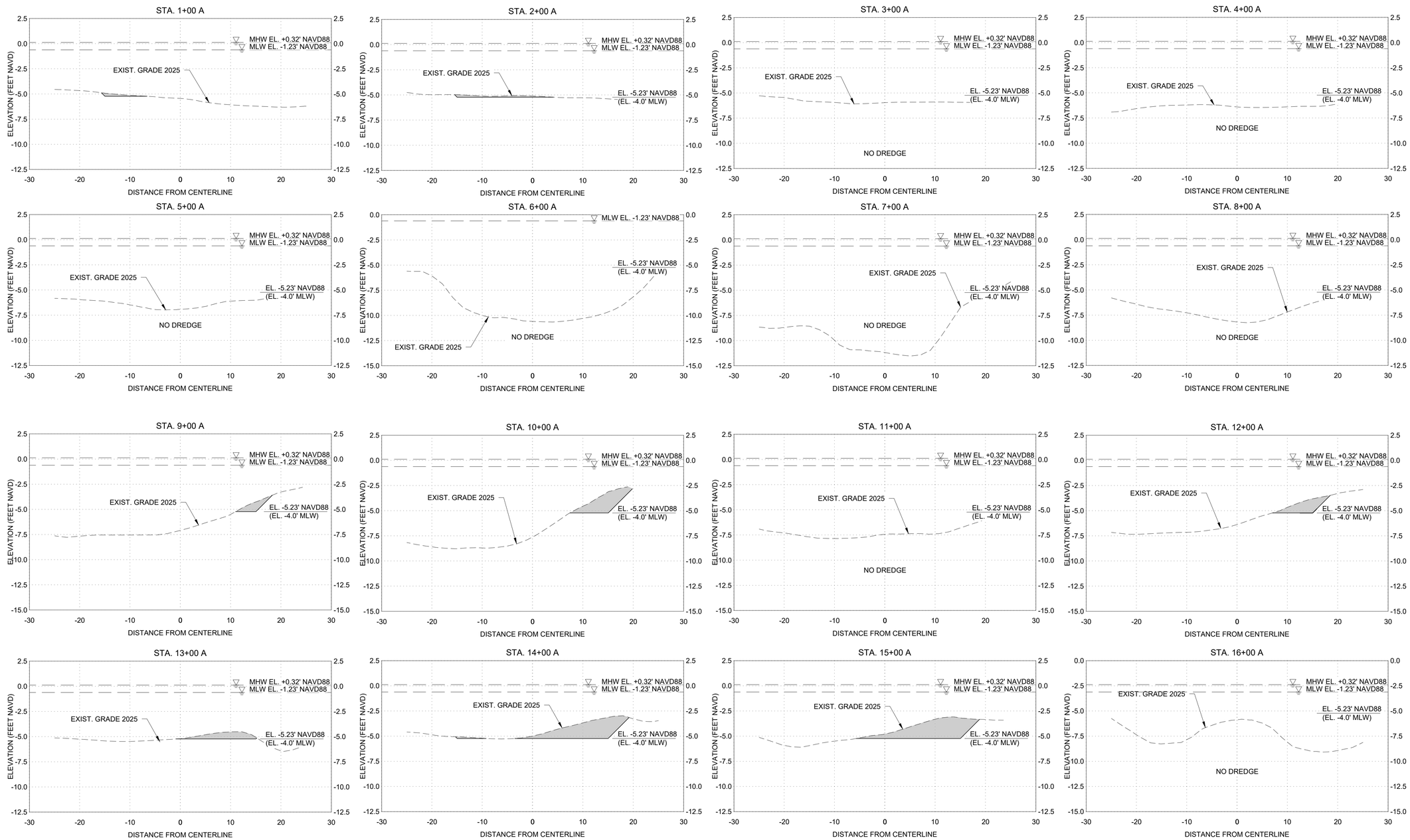

HORIZ. GRAPHIC SCALE IN FT (0, 5, 10)

VERT. GRAPHIC SCALE IN FT (0, 2.5, 5)

PROJECT:
PHILLIPPI CREEK MAINTENANCE DREDGING PROJECT

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SHEET TITLE

CROSS SECTIONS

CM-2.8

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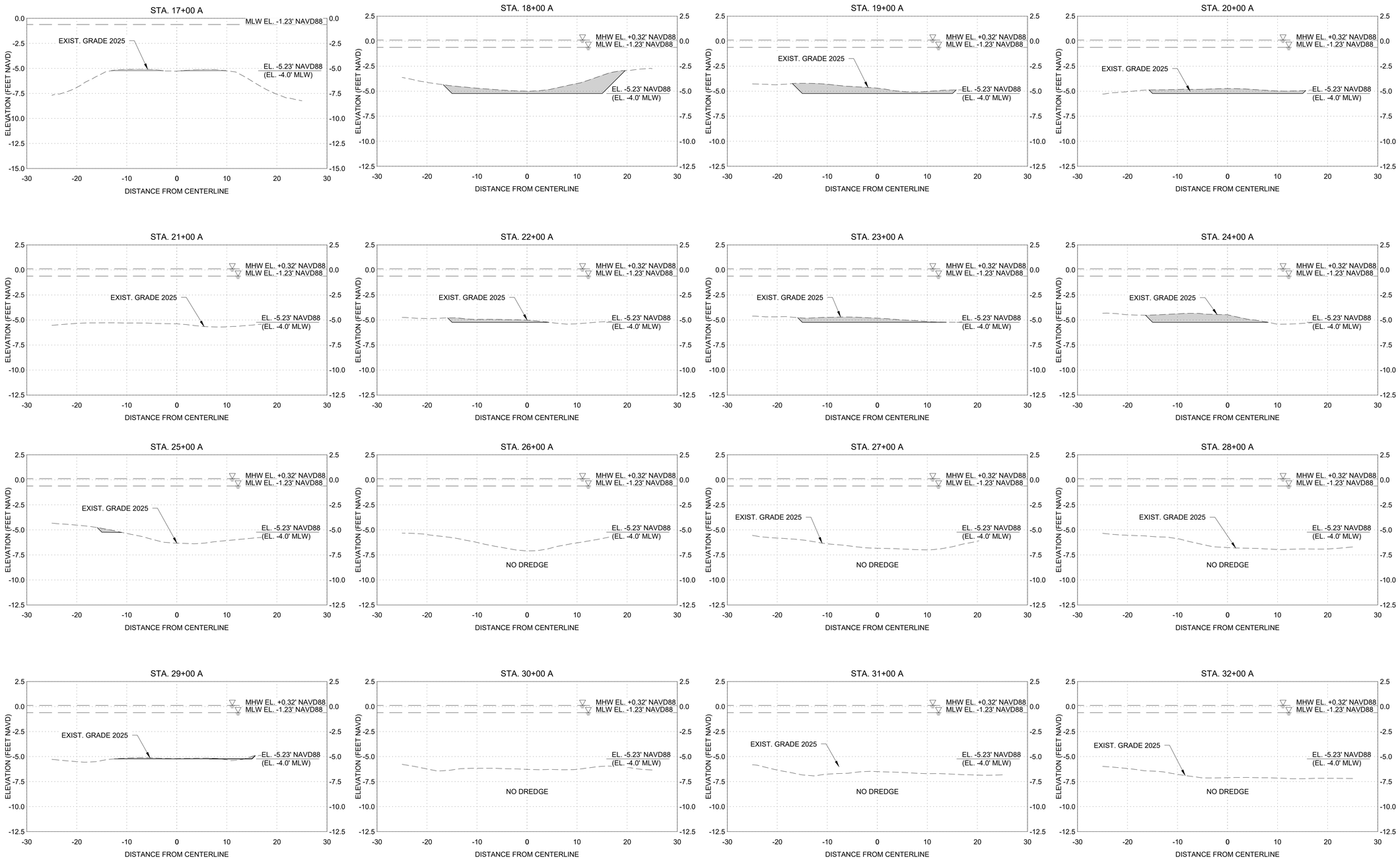

0 5 10
HORIZ. GRAPHIC SCALE IN FT

0 2.5 5
VERT. GRAPHIC SCALE IN FT

PROJECT:
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CROSS SECTIONS

CM-2.9

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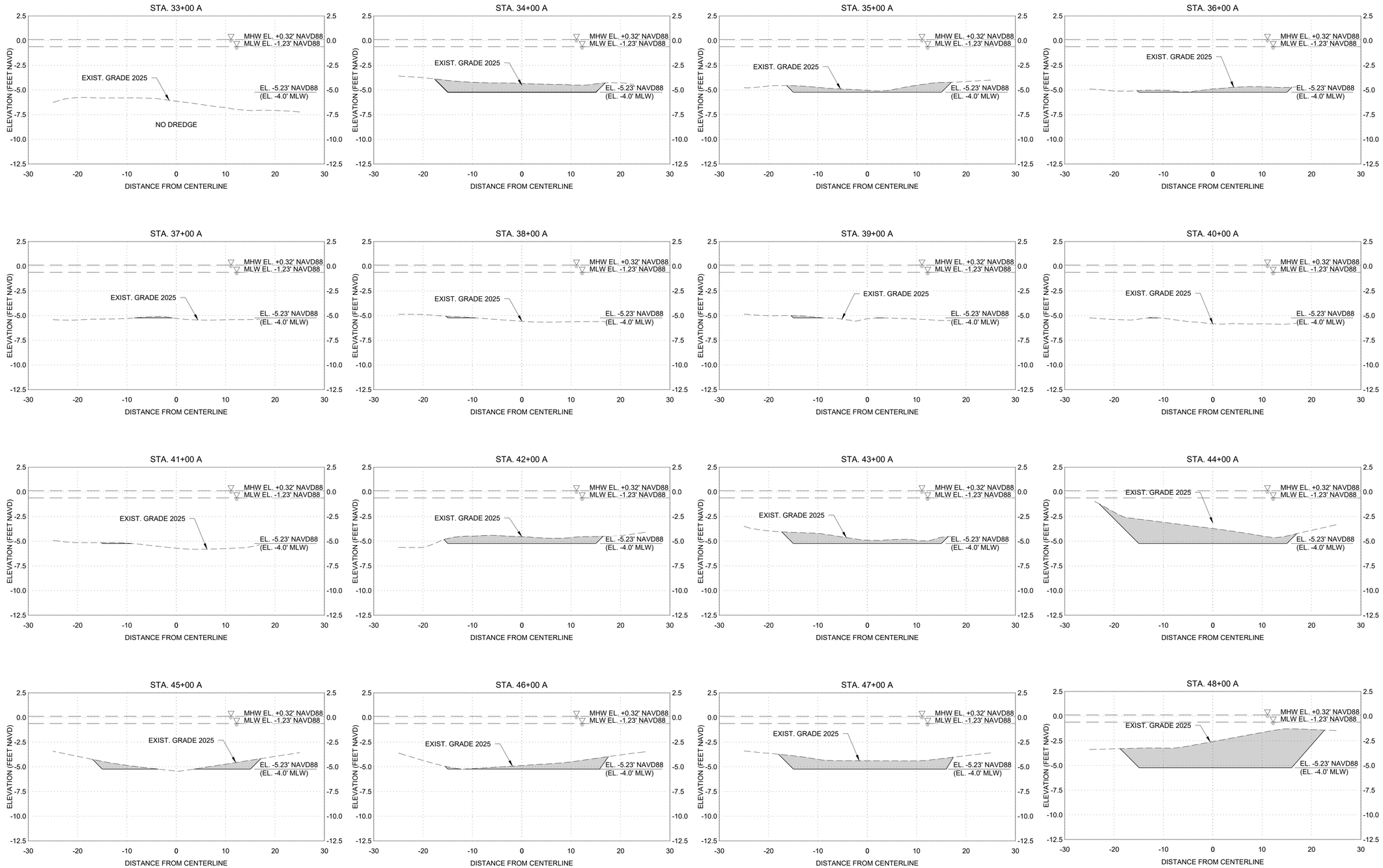

0 5 10
HORIZ. GRAPHIC SCALE IN FT

0 2.5 5
VERT. GRAPHIC SCALE IN FT

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CROSS SECTIONS

CM-2.10

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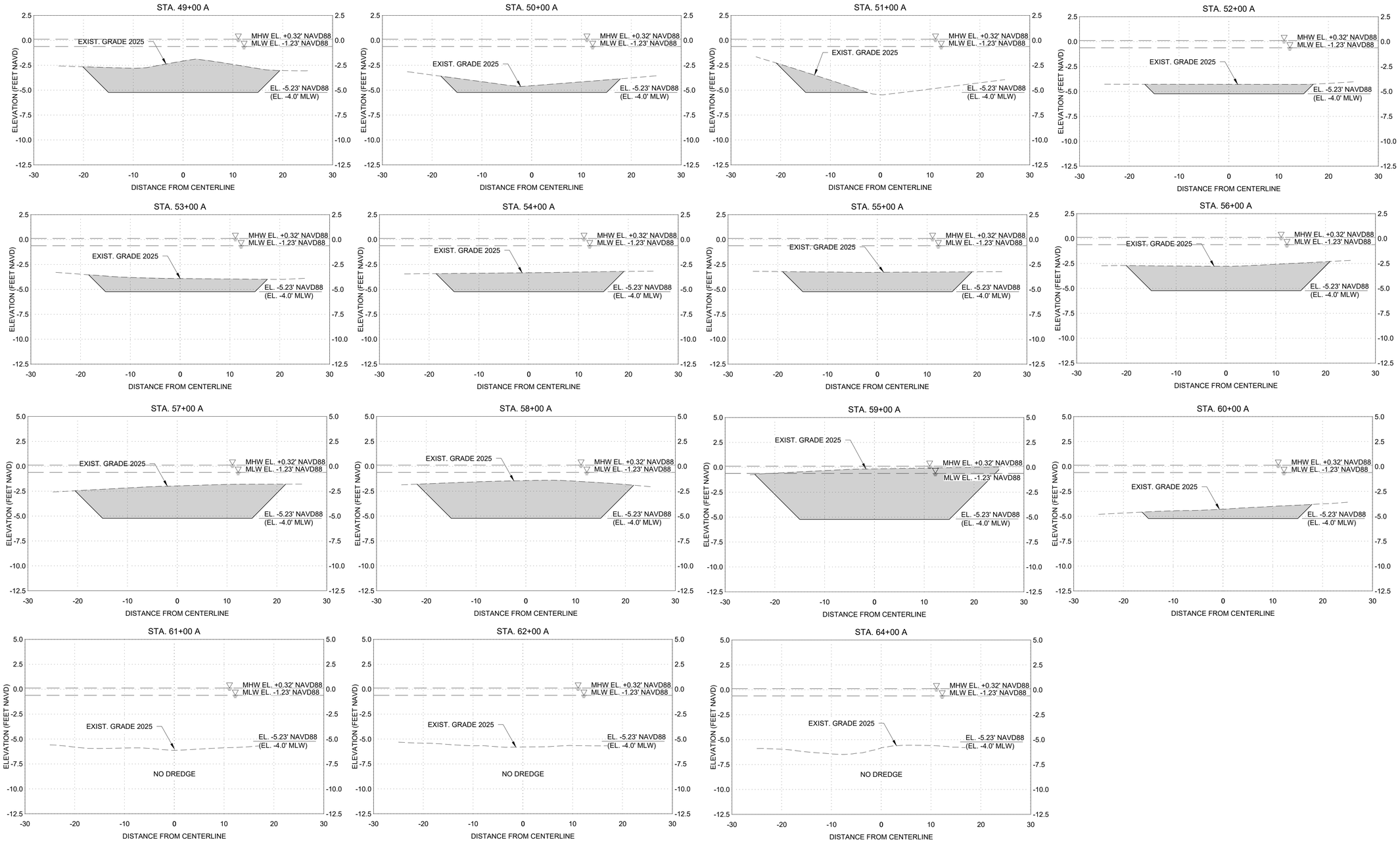

0 5 10
HORIZ. GRAPHIC SCALE IN FT

0 2.5 5
VERT. GRAPHIC SCALE IN FT

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TEL: +1 305 741-6155 FAX: +1 305-974-1969
WWW.CUMMINSCEDERBERG.COM
COA # 29062

SEAL:

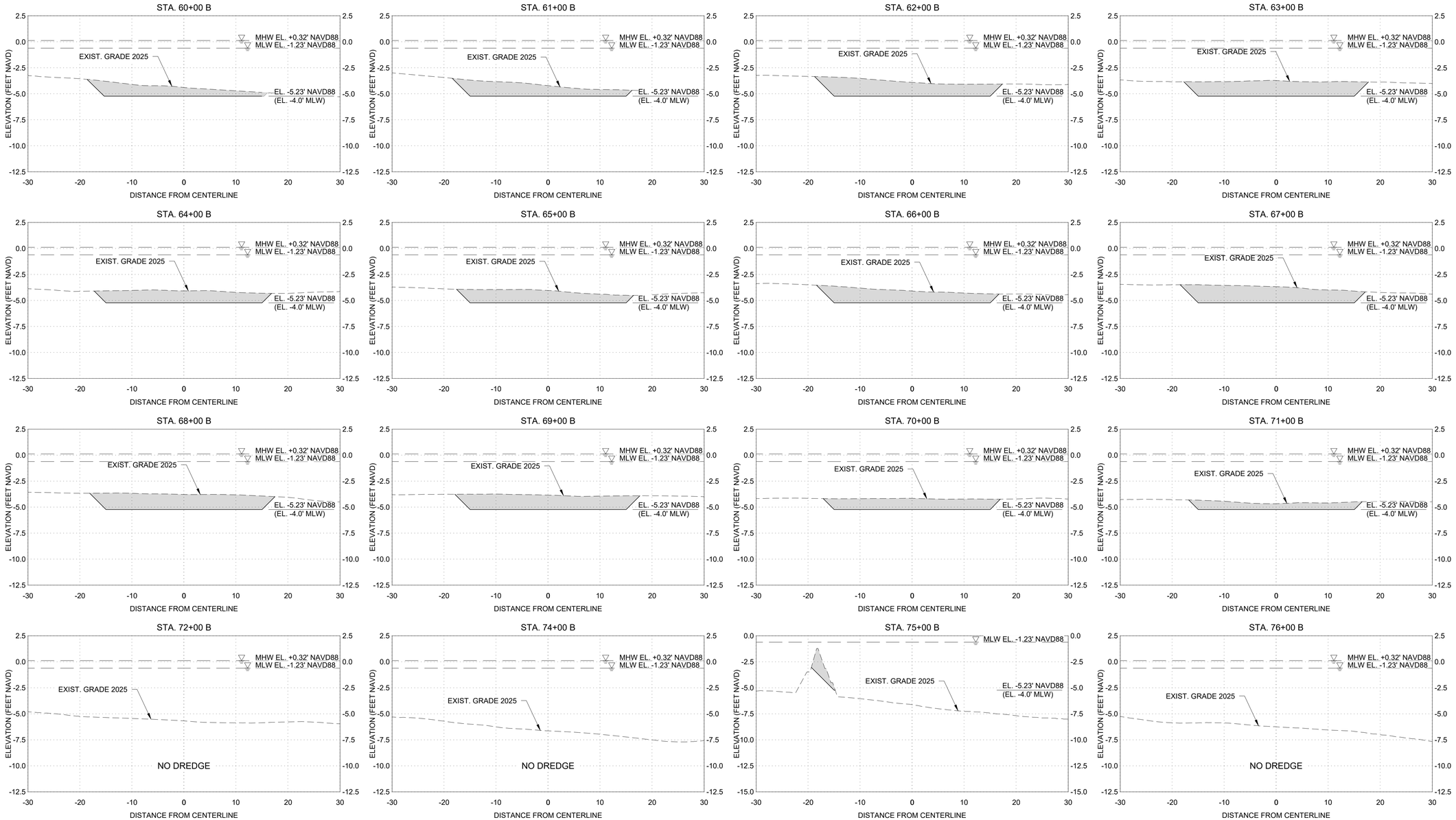
ISSUE	DATE	SUBMISSION / REVISION
1	04.07.2025	PERMIT DRAWINGS

CC PROJECT NO:	137125
DRAWN	GK
CHECKED	KF/JB
SCALE	REFERS TO 22X34 SHEET

SHEET TITLE
CROSS SECTIONS

CM-2.11

J:\Projects\137125- Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\(2025-04-23)P 137125 Phillippi Dredge.dwg



HORIZ. GRAPHIC SCALE IN FT (0, 5, 10)

VERT. GRAPHIC SCALE IN FT (0, 2.5, 5)

PROJECT:
PHILLIPPI CREEK MAINTENANCE DREDGING PROJECT

ADDRESS:
SARASOTA, FL

CLIENT:
WEST COAST INLAND NAVIGATION DISTRICT

ADDRESS:
200 E. MIAMI AVE.
VENICE, FL 34285

ENGINEER:
CUMMINS CEDERBERG
COASTAL & MARINE ENGINEERING

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CROSS SECTIONS

CM-2.12

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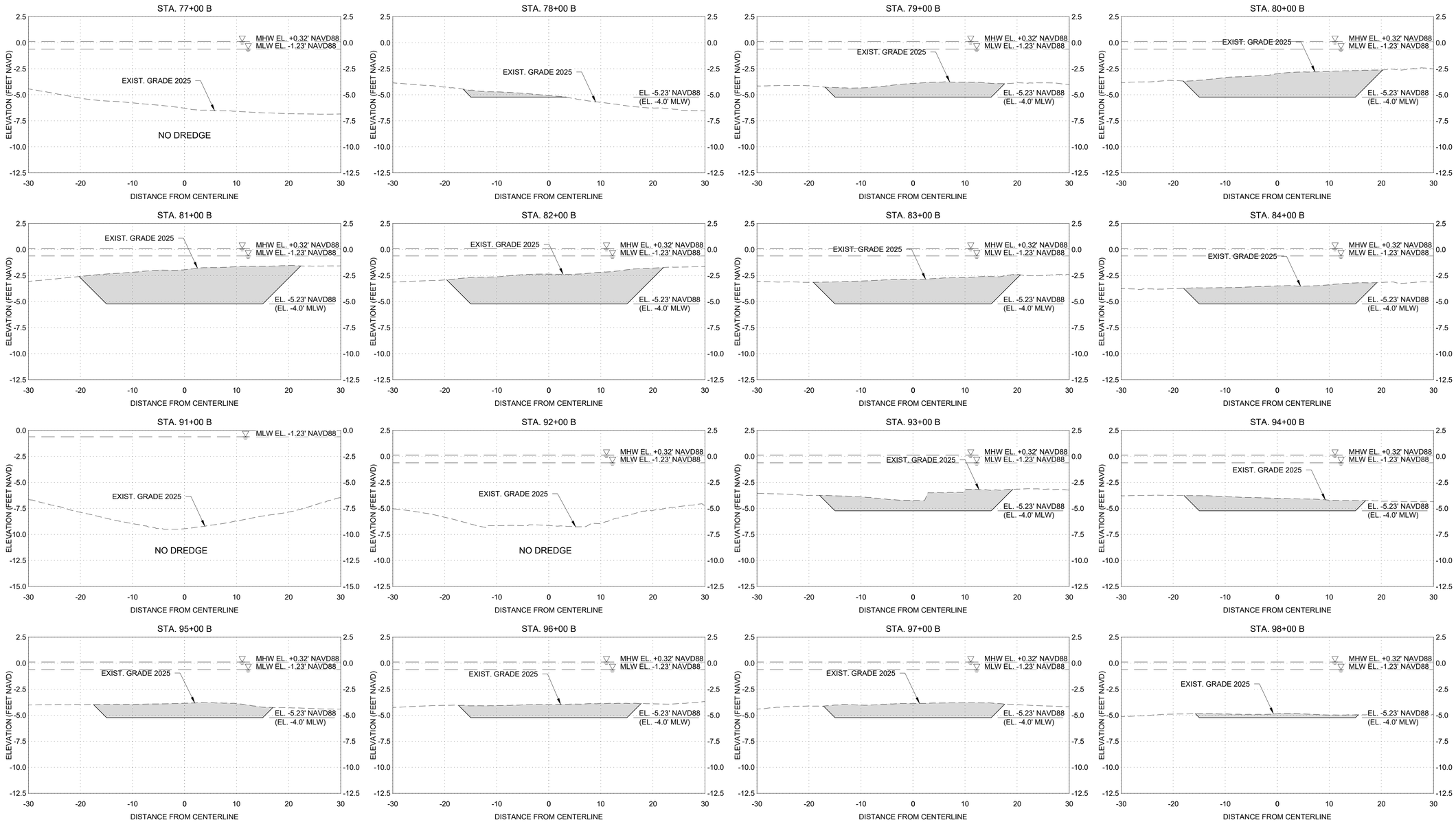

0 5 10
HORIZ. GRAPHIC SCALE IN FT

0 2.5 5
VERT. GRAPHIC SCALE IN FT

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CROSS SECTIONS

CM-2.13

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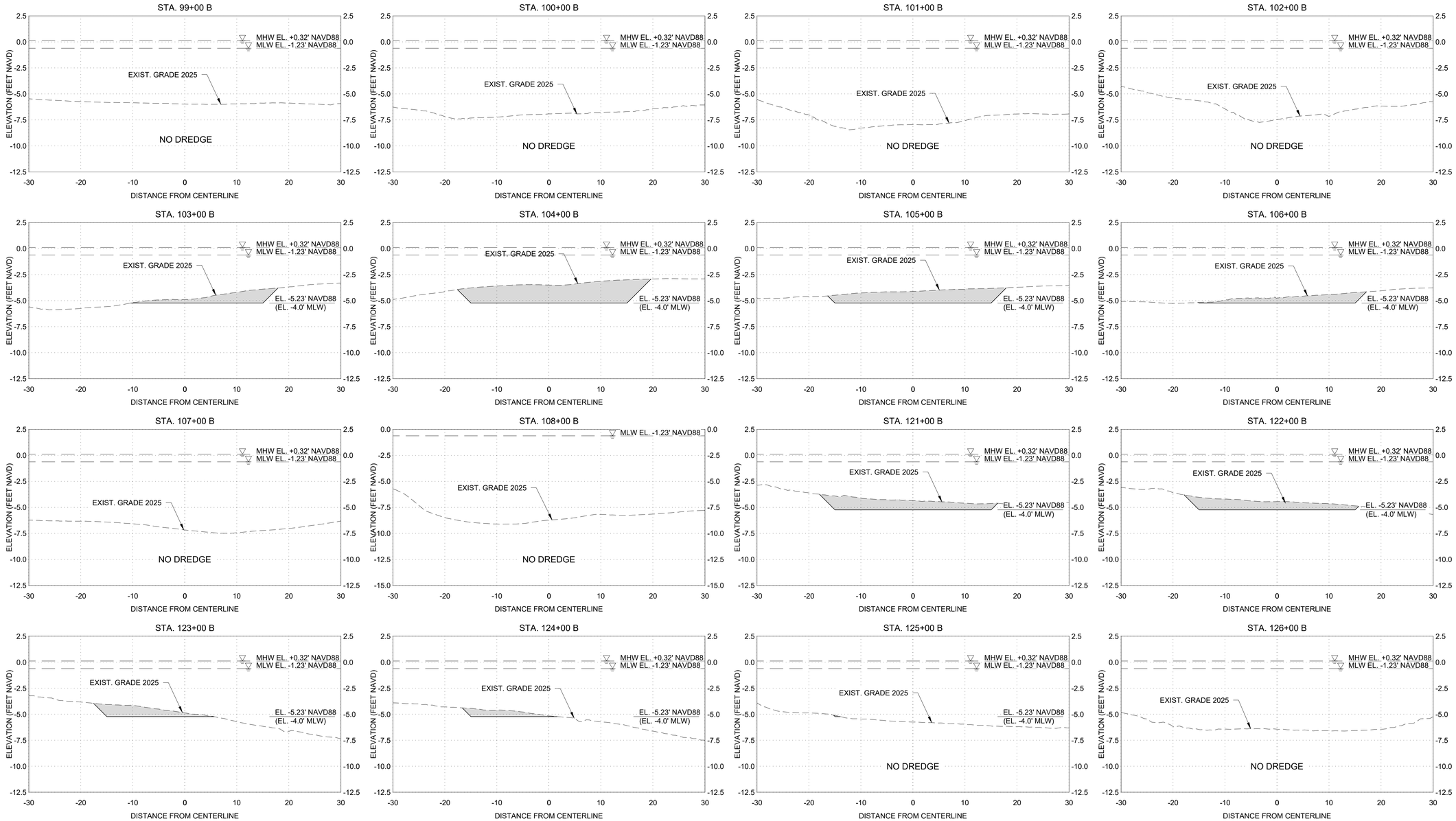

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VERT. GRAPHIC SCALE IN FT (0, 2.5, 5)

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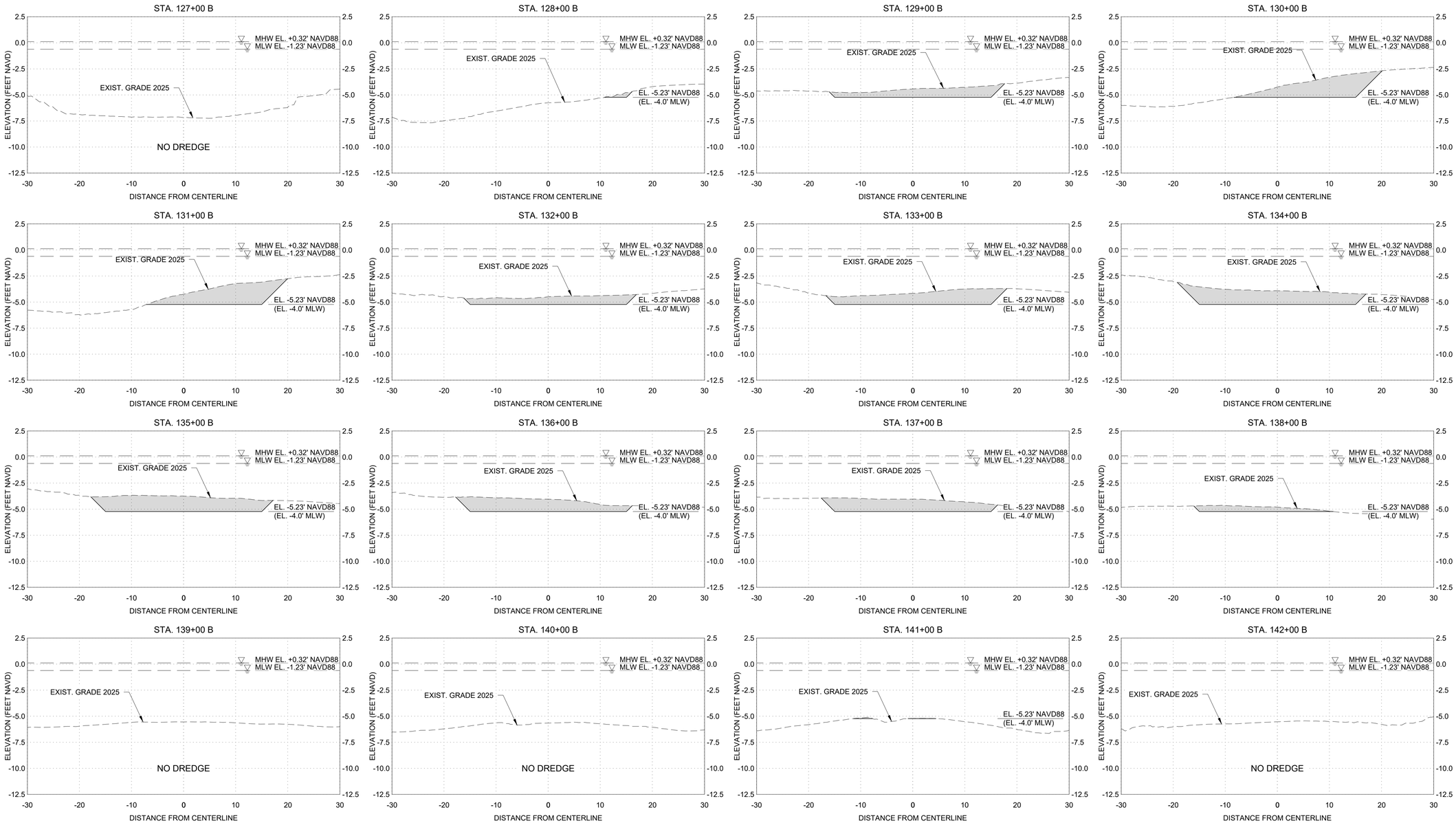
CROSS SECTIONS

CM-2.14

J:\Projects\137125- Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\(2025-04-24)P 137125 Phillippi Dredge EXTEN.dwg



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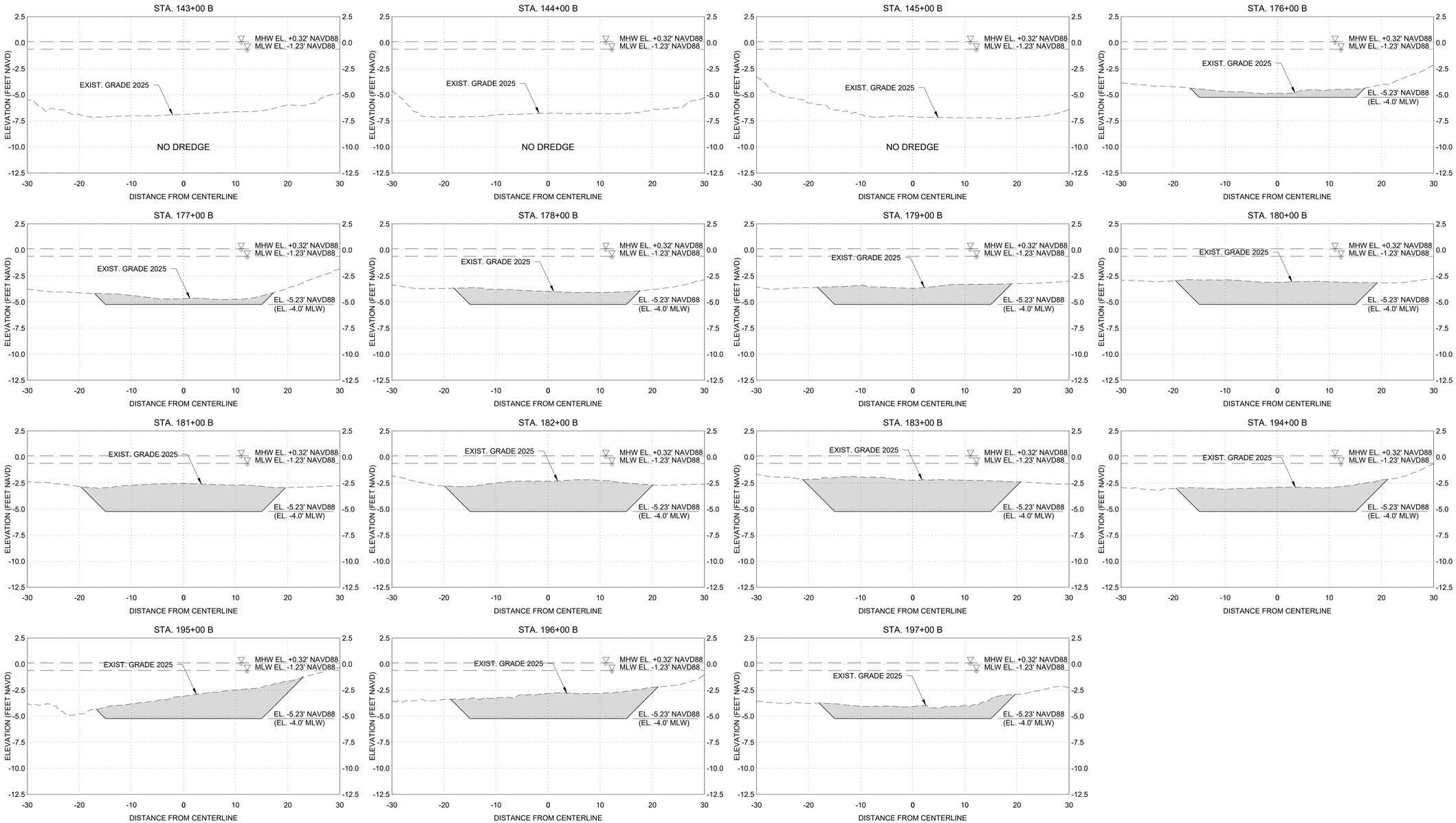
CROSS SECTIONS

CM-2.15

J:\Projects\137125- Phillippi Creek Maintenance Dredging Design Permitting and Bid Support\03 - Drawings\Permits\Working\(2025-04-24)P 137125 Phillippi Dredge EXTEN.dwg



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CM-2.16

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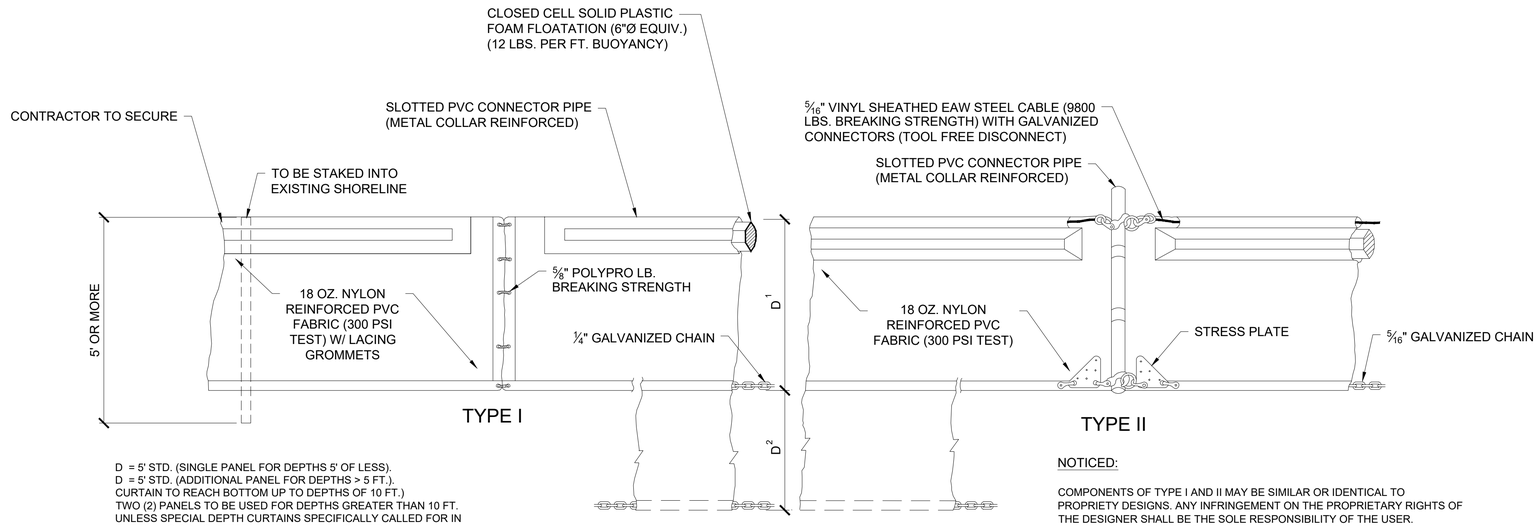

D = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OF LESS).
D = 5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5 FT.).
CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FT.)
TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FT.
UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

NOTICED:

COMPONENTS OF TYPE I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPE I AND II SHALL BE AS APPROVED BY THE ENGINEER.

1 FLOATING TURBIDITY CURTAIN DETAIL

N.T.S.

NOTE:

TURBIDITY CURTAINS WILL BE INSTALLED AROUND ALL ACTIVE CONSTRUCTION WORK.

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TURBIDITY CURTAIN DETAIL

CM-2.17

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