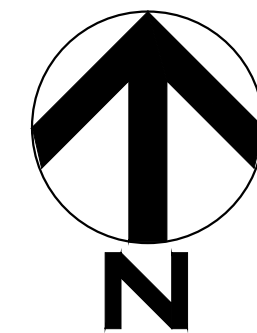




1 LOCATION MAP
SCALE: N.T.S



2 VICINITY MAP
SCALE: N.T.S



SHEET INDEX	
Sheet Number	Sheet Title
01	COVER SHEET & SHEET INDEX
02	ESTIMATED QUANTITIES, ABBREVIATIONS & SYMBOLS
03	GENERAL NOTES
04	BEACH PROFILE SURVEY SHEET 1 OF 2
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13	BORROW SITE LOCATIONS AND HAUL ROUTES
14	BORROW SITE LOCATION DETAILS

ISSUE FOR BID

PLANS FOR
**JAMAICA BEACH
HURRICANE IKE REPAIR**

PROJECT NUMBER: 1482

PREPARED BY

LAN Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY

PLANNING
ENGINEERING
PROGRAM MANAGEMENT

500 N. Shoreline Blvd., Suite 905
Corpus Christi, Texas 78401



Lockwood, Andrews & Newnam, Inc.
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CITY OF JAMAICA BEACH &
TEXAS GENERAL LAND OFFICE

JAMAICA BEACH
HURRICANE IKE REPAIR

COVER SHEET & SHEET INDEX

SHEET 01 of 14
PROJECT NO: 1482

File: P:\133-10073-000\4-0-Production-Working\4-1-BM-CAD\Civil\Sheets\JB-COVER.dwg Plot: 4/15/2024 11:35 AM By: Rowland, Richard

GENERAL NOTES

GENERAL REQUIREMENTS:

- CONTRACTOR SHALL NOT COMMENCE ANY CONSTRUCTION OPERATION UNTIL THE CONTRACTOR HAS VERIFIED THAT TRAFFIC PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN HAS BEEN ACCEPTED BY THE OWNER/CITY.
- DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES AND STANDARDS, THE PROJECT SPECIFICATIONS AND PROJECT DRAWINGS. SPECIFIC NOTES ON DETAIL DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES. STATE AND LOCAL CODES SHALL TAKE PRECEDENCE OVER PROJECT SPECIFICATIONS AND NOTES ON DRAWINGS. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY OF ANY CONFLICTS BETWEEN STATE AND LOCAL CODES, PROJECT SPECIFICATIONS AND PROJECT DRAWINGS PRIOR TO ANY CONSTRUCTION.
- CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL ELEVATIONS, COORDINATES, DIMENSIONS, EXISTING CONDITIONS, AND INFORMATION INDICATED ON THE CONTRACT DOCUMENTS PRIOR TO COMMENCEMENT OF SITE WORK. THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND ON THE CONTRACT DOCUMENTS OR FOUND TO EXIST BETWEEN THE FIELD CONDITIONS AND THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL TAKE CORRECTIVE ACTION AS DIRECTED BY THE OWNER.
- ALL EXISTING PRIVATE AND PUBLIC STRUCTURES, FACILITIES AND IMPROVEMENTS (EX., LAY-DOWN/STAGING AREAS, SIDEWALKS, ROADS, LANDSCAPING, ETC.) DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED AND REPAIRED BY THE CONTRACTOR AND SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL MAINTAIN ALL REGULATORY AND WARNING SIGNS DURING THE CONSTRUCTION PERIOD.
- THE USACE, USFWS, GLO, TEXAS GAME WARDENS, CITY OF JAMAICA BEACH AND/OR ENGINEER MAY RANDOMLY INSPECT THE PROJECT SITE, HAUL ROUTES AND BORROW SITES FOR COMPLIANCE WITH THE CONTRACT REQUIREMENTS AND USACE PERMIT REQUIREMENTS.
- CONTRACTOR SHALL FIELD COORDINATE WITH THE OWNER ON THE EXACT LOCATIONS AND LIMITS OF THE CONTRACTORS TEMPORARY LAY-DOWN AND STAGING AREAS.
- HORIZONTAL DATUM: NAD83 (2011), TEXAS SOUTH CENTRAL ZONE. ALL DISTANCES ARE U.S. SURVEY FEET (GRID).
- VERTICAL DATUM: NAV88 (GEOID 18).
"BOAT RAMP PIN"
N: 13,638,427.7
E: 3,250,701.1
ELEV: 2.7' NAVD88
- U.S. ARMY CORPS OF ENGINEERS PERMIT SWG-2020-00774 AUTHORIZES ACTIVITIES OF THIS PROJECT. CONTRACTOR SHALL BECOME FAMILIAR WITH THE REQUIREMENTS OF THIS PERMIT AND COMPLY ACCORDINGLY.
- ALL WORK AREAS SHALL BE SECURED AND SURROUNDED BY CONSTRUCTION BARRICADES SAFETY FENCE, WARNING SIGNAGE ETC. AS NECESSARY TO PROTECT THE PUBLIC. FLAG MEN SHALL DIRECT TRAFFIC AT LOCATION WHERE TRUCKS ENTER AND EXIT PUBLIC STREETS.
- CONTRACTOR SHALL TAKE PRECAUTIONS AND SECURE EQUIPMENT AGAINST ADVERSE WEATHER, MARINE CONDITIONS, AND VANDALISM.
- EXISTING BEACH FACILITIES (TRASH CANS, BOLLARDS, CABANAS, PICNIC TABLE HUTS) LOCATED WITHIN THE BEACH WORK AREA SHALL BE PROTECTED. IF REQUIRED TO CONSTRUCT THE PROJECT, CONTRACTOR SHALL TEMPORARILY REMOVE/RELOCATE AND REPLACE/RESTORE EXISTING BEACH FACILITIES. CONTRACTOR SHALL COORDINATE THE TEMPORARY REMOVAL/RELOCATION WITH THE OWNER, INCLUDING TEMPORARY STORAGE LOCATION(S) FOR ITEMS NOT TEMPORARILY RELOCATED. CONTRACTOR IS RESPONSIBLE FOR

- REINSTALLING ALL EXISTING BEACH FACILITIES TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL EXPENSE TO THE OWNER.
- CONTRACTOR SHALL MAINTAIN BEACH ACCESS FOR EMERGENCY SERVICES VEHICLES AT ALL TIMES, UNLESS APPROVED OTHERWISE BY THE CITY.
 - PUBLIC ACCESS OUTSIDE OF THE BEACH WORK AREAS AND BEACH ACCESS ROADS SHALL NOT BE BLOCKED OR RESTRICTED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE A CLEAR PATHWAY FOR AUTOMOBILE ACCESS TO THE BEACH AND SHALL PROVIDE TRAFFIC CONTROL AS REQUIRED DURING THE DELIVERY AND PLACEMENT OF BEACH FILL.

STORM WATER POLLUTION PREVENTION NOTES:




- FUELING AND MAINTENANCE OF VEHICLES AND EQUIPMENT SHALL BE PERFORMED IN COMPLIANCE WITH EPA AND ALL OTHER FEDERAL AND STATE REGULATIONS.
- NATURAL AND CULTIVATED VEGETATION SHALL BE LEFT UNDISTURBED AS MUCH AS POSSIBLE.
- THE CONTRACTOR SHALL SPRINKLE FOR DUST CONTROL AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- TRASH, CONSTRUCTION DEBRIS AND CONSTRUCTION CHEMICALS WILL BE REMOVED BEFORE OR AS INDICATED BY THE RESULTS OF THE REGULAR SITE INSPECTIONS. SUBCONTRACTORS USING CONSTRUCTION CHEMICALS WILL REMOVE ALL UNUSED CONTAINERS. EMPTY CONTAINERS WILL BE DISPOSED OF IN ACCORDANCE WITH TCEQ REGULATIONS.
- SPILL RESPONSE BULLETINS SHALL BE POSTED ON SITE OR AVAILABLE IN THE SITE SUPERINTENDENT'S VEHICLE. PAINTS, THINNERS, ACIDS, AND SOLVENTS SHALL BE STORED IN A STRUCTURE SECURED FROM STORM WATER EXPOSURE, OR IN THE CONTRACTOR'S VEHICLES. THESE ITEMS SHALL BE REMOVED FROM THE WORK SITE DAILY. NO WASTE PRODUCTS SHALL BE PERMITTED IN THE DUMPSTERS. ON SITE FUELING TANKS, IF USED, SHALL BE EQUIPPED WITH POLLUTION DAMS CAPABLE OF HOLDING CAPACITY EQUAL TO THE TANK.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING A PROPOSED STORM WATER POLLUTION PREVENTION PLAN AND DETAILS FOR THE PROJECT SITE, LAYDOWN AREA AND BORROW AREA. CONTRACTOR TO SUBMIT PROPOSED SWPPP, SIGNED AND SEALED BY TX PE, FOR REVIEW BY CITY'S AND EOR'S APPROVAL.

BEACH NOURISHMENT NOTES:

- BEACH FILL MATERIAL SHALL BE IMPORTED TO THE PROJECT SITE FROM AN DESIGNATED BORROW SITE. IMPORTED MATERIALS FOR BEACH NOURISHMENT SHALL COMPLY WITH THE GRADATION AND OTHER REQUIREMENTS INDICATED IN THE TECHNICAL SPECIFICATIONS AND THE USACE PERMIT.
- CONTRACTOR SHALL CLEAR THE BEACH WORK AREA OF ALL REBAR, DRIFTWOOD, GARBAGE, EXPOSED CONCRETE, AND OTHER DEBRIS PRIOR TO THE INSTALLATION OF BEACH FILL, UNLESS INDICATED OTHERWISE. GARBAGE AND OTHER DELETERIOUS MATERIALS SHALL BE HAULED OFF AND DISPOSED OF LEGALLY AT AN UPLAND LOCATION AT NO ADDITIONAL EXPENSE TO THE OWNER. ALL WOODY DEBRIS AND VEGETATION/ORGANIC MATERIALS SHALL BE REMOVED AND DISPOSED OF OFF THE PROJECT SITE.
- THE FINISHED BEACH SURFACE SHALL BE SMOOTHLY AND UNIFORMLY GRADED AND DRESSED TO ELIMINATE HUMPS AND DEPRESSIONS. DRESSING THE FILL BELOW THE WATER LINE IS NOT REQUIRED. BEACH FILL GRADING TOLERANCE ABOVE WATER SHALL BE ±.25 FEET. GRADING SHALL BE PERFORMED SUCH THAT THERE IS NO PONDING ALONG THE BERM AND WATER IS ALLOWED TO DRAIN SEAWARD.
- BEACH FILL SHALL NOT BE PLACED IN A MANNER WHICH BLOCKS OR IMPEDES DRAINAGE OF ANY UPLAND AREAS, CULVERTS, DITCHES OR OTHER DRAINAGE STRUCTURES WHICH CLEARLY THE BEACH.

- THE LIMITS OF EACH PHASE OF WORK SHOWN ON THE CONSTRUCTION PHASING PLAN WILL BE CLOSED TO THE PUBLIC. THE FOLLOWING RESTRICTIONS WILL APPLY TO THE USE OF THE BEACH WORK AREA:
 - NO STOCK PILING OF BEACH FILL WITHIN THE BEACH OR BEACH ACCESS ROADS WORK AREA. ALL BEACH FILL STOCK PILING SHALL BE WITHIN THE DESIGNATED CONTRACTOR STAGING AREAS. ALL MATERIALS DELIVERED WITHIN THE BEACH WORK AREA SHALL BE PLACED WITHIN THE SPECIFIED BEACH FILL PLACEMENT AREA.
 - NO BEACH FILL PLACEMENT SHALL OCCUR WITHIN 100 FEET OF EXISTING STRUCTURES LOCATED WITHIN BEACH WORK AREA.
 - VENDORS ON THE BEACH WILL BE REQUIRED TO COORDINATE WITH THE CITY OF JAMAICA BEACH.
- BEACH NOURISHMENT SHALL BE COMPLETED FOR PHASE 1 BEFORE PROCEEDING WITH PHASE 2. THE WORK WITHIN EACH PHASE SHALL BE SEQUENCED AS FOLLOWS, UNLESS APPROVED OTHERWISE BY THE CITY AND ENGINEER:
 - INSTALL TRAFFIC CONTROL AND PUBLIC SAFETY SYSTEMS
 - CLEAR THE BEACH WORK AREA
 - INSTALL BEACH FILL MATERIAL. BEACH NOURISHMENT SHALL PROCEED UP-STATION (I.E., FORM WEST TO EAST)
 - SITE RESTORATION AND CLEAN UP
- CONTRACTOR IS REQUIRED TO CONDUCT ALL NECESSARY CONSTRUCTION SURVEYING FOR THE INSTALLATION OF THE BEACH FILL MATERIAL. CONSTRUCTION SURVEYING TO INCLUDE STAKING, PRE-- CONSTRUCTION SURVEY, INTERMEDIATE SURVEYS, AND ACCEPTANCE REACH SURVEYS. SEE TECHNICAL SPECIFICATION SECTIONS 01720-CONSTRUCTION SURVEY AND 02229-BEACH FILL.
- THE CONTRACTOR SHALL CONDUCT A PRE--CONSTRUCTION SURVEY PRIOR TO THE START OF CONSTRUCTION ACTIVITIES, SEE TECHNICAL SPECIFICATION SECTIONS 01720 AND 02229.
- DURING THE PRE-- CONSTRUCTION SURVEY THE CONTRACTOR SHALL NOTE ANY HAZARDS LOCATED WITHIN THE LIMITS OF THE BEACH WORK AREA. IN THE EVENT THAT ANY HAZARDS ARE FOUND, THE CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY AND REFER TO OSHA REQUIREMENTS. OSHA REQUIREMENTS SHALL BE IMPLEMENTED PRIOR TO, AND SHALL BE MAINTAINED THROUGHOUT, CONSTRUCTION.
- CONTRACTOR SHALL BE AWARE THAT THE SHORELINE AND BEACH PROFILE ARE EXTREMELY DYNAMIC AND SUBJECT TO SIGNIFICANT CHANGE OVER SHORT PERIODS OF TIME.
- THE CONTRACTOR IS NOT RESPONSIBLE FOR THE LOSS OF BEACH FILL MATERIAL FOR COMPLETED AND OWNER APPROVED ACCEPTANCE REACHES (SEE TECHNICAL SPECIFICATIONS).
- WATER SHALL BE PREVENTED FROM PONDING BETWEEN THE BEACH FILL AND THE UPLAND AREAS, IF APPROVED BY THE ENGINEER, THE BEACH FILL CAN BE REGARDED AS NEEDED TO PREVENT PONDING AT THOSE LOCATIONS EXPERIENCING PROBLEMS WITH PONDING.
- SAMPLES OF BEACH FILL MATERIAL SHALL BE TAKEN A MINIMUM OF ONCE PER DAY OR ONE FOR EVERY 250 TONS OF MATERIALS AT THE SOURCE LOCATION; WHICHEVER RESULTS IN A GREATER LEVEL OF SAMPLING. REFER TO TECHNICAL SPECIFICATION SECTION 02229 FOR ADDITIONAL MATERIAL SAMPLING REQUIREMENTS.
- SEE TECHNICAL SPECIFICATION SECTION 02229 FOR THE CONSTRUCTION ORDER OF WORK AND DIRECTION OF BEACH FILL PLACEMENT.
- THE CONTRACTOR SHALL PROTECT ALL VEGETATION ADJACENT TO AND WITHIN THE PROJECT SITE. IF CONTRACTORS WORK WILL REQUIRE REMOVAL OF VEGETATION, THE CONTRACTOR SHALL OBTAIN APPROVAL OF OWNER PRIOR TO REMOVAL. THE CONTRACTOR SHALL BE HELD LIABLE FOR REMOVAL OF AND/OR DAMAGE TO VEGETATION WITHOUT OWNERS' APPROVAL.
- IMMEDIATELY AFTER SUBSTANTIAL COMPLETION, THE CITY OF JAMAICA BEACH WILL BE RESPONSIBLE FOR POST CONSTRUCTION MAINTENANCE (I.E RAKING SARGASSAM, DEBRIS PICK UP, ETC.)

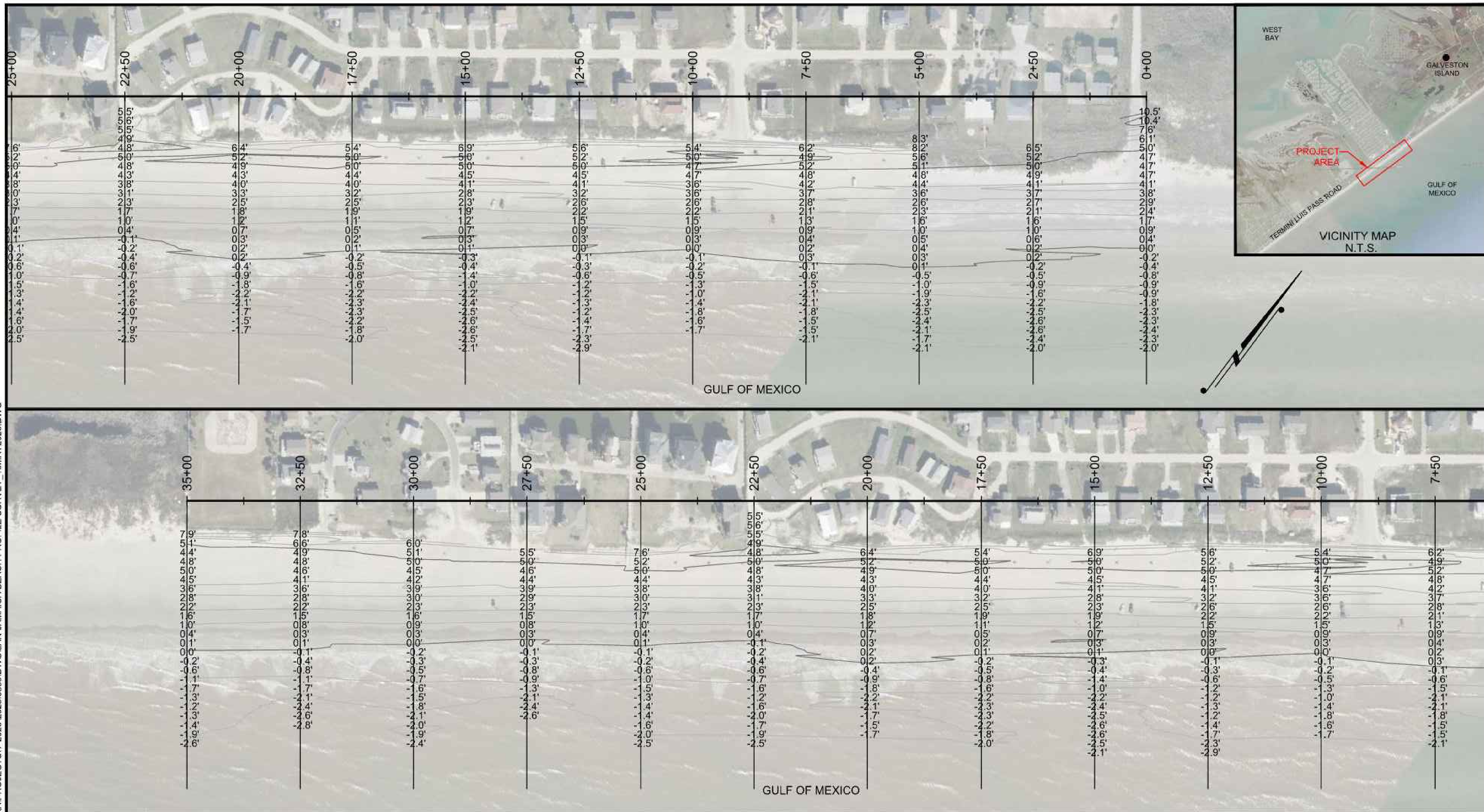
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 	<p>Lockwood, Andrews & Newnam, Inc. A LEO A DALY COMPANY</p>  <p>PLANNING ENGINEERING PROGRAM MANAGEMENT 500 N. Shoreline Blvd., Suite 905 Corpus Christi, Texas 78401</p>
CITY OF JAMAICA BEACH & TEXAS GENERAL LAND OFFICE	JAMAICA BEACH HURRICANE IKE REPAIR GENERAL NOTES
SHEET 03 of 14 PROJECT NO: 1482	

REV. NO.	DATE	BY	DESCRIPTION

REV. NO.	DATE	BY	DESCRIPTION

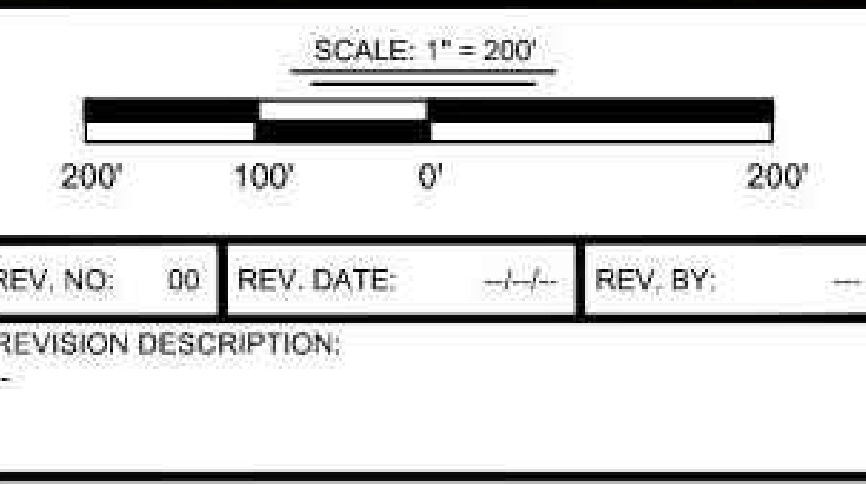
\\TBS.LOCAL\PANZUR\PROJECTS\2023\0389\DWG\LAN-JAMAICA BEACH PROFILE SURVEY_16MAY2023.DWG



NOTES:
 1. BATHYMETRIC DATA WAS RECORDED BY T. BAKER SMITH ON 16 MAY, 2023. SEA FLOOR CONDITIONS ARE SUBJECT TO CHANGE.
 2. HORIZONTAL DATUM: NAD83 (2011), TEXAS SOUTH CENTRAL ZONE. ALL DISTANCES ARE U.S. SURVEY FEET (GRID).
 3. VERTICAL: NAVD88 (GEOID 18)

"BOAT RAMP PIN"
 N: 13,638,427.7'
 E: 3,250,701.1'
 ELEV: 2.7' NAVD88

T. BAKER SMITH
 A CENTURY OF SOLUTIONS
 3854 FM 1089
 Aransas Pass, TX 78336
 (381)334-5719 - tbsmith.com
 TBPLS #10194575



DRAWN BY:	CDW	APPROVED BY:	AWK
DATE:	05/31/2023	JOB NO.:	2023.0389
DRAWING NAME: LAN-JAMAICA BEACH PROFILE SURVEY_16MAY2023			
PROJECTION: TEXAS STATE PLANE SOUTH CENTRAL GEO. DATUM: NAD83 (2011) VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
SHEET NO.:	1	OF	2

JAMAICA BEACH PROFILE SURVEY
LOCKWOOD, ANDREWS, AND NEWNAM, LLC
 JAMAICA BEACH
 AN EXHIBIT OF
 JAMAICA BEACH PROFILE SURVEY
 LOCATED IN
 JAMAICA BEACH, TEXAS

1 BEACH PROFILE SURVEY
 SCALE: N.T.S.

REV 0	4/15/2024	LAN	BY	DATE	DESCRIPTION

ISSUE FOR: BLD

JAMAICA BEACH
 HURRICANE IKE REPAIR
 BEACH PROFILE SURVEY
 SHEET 1 OF 2

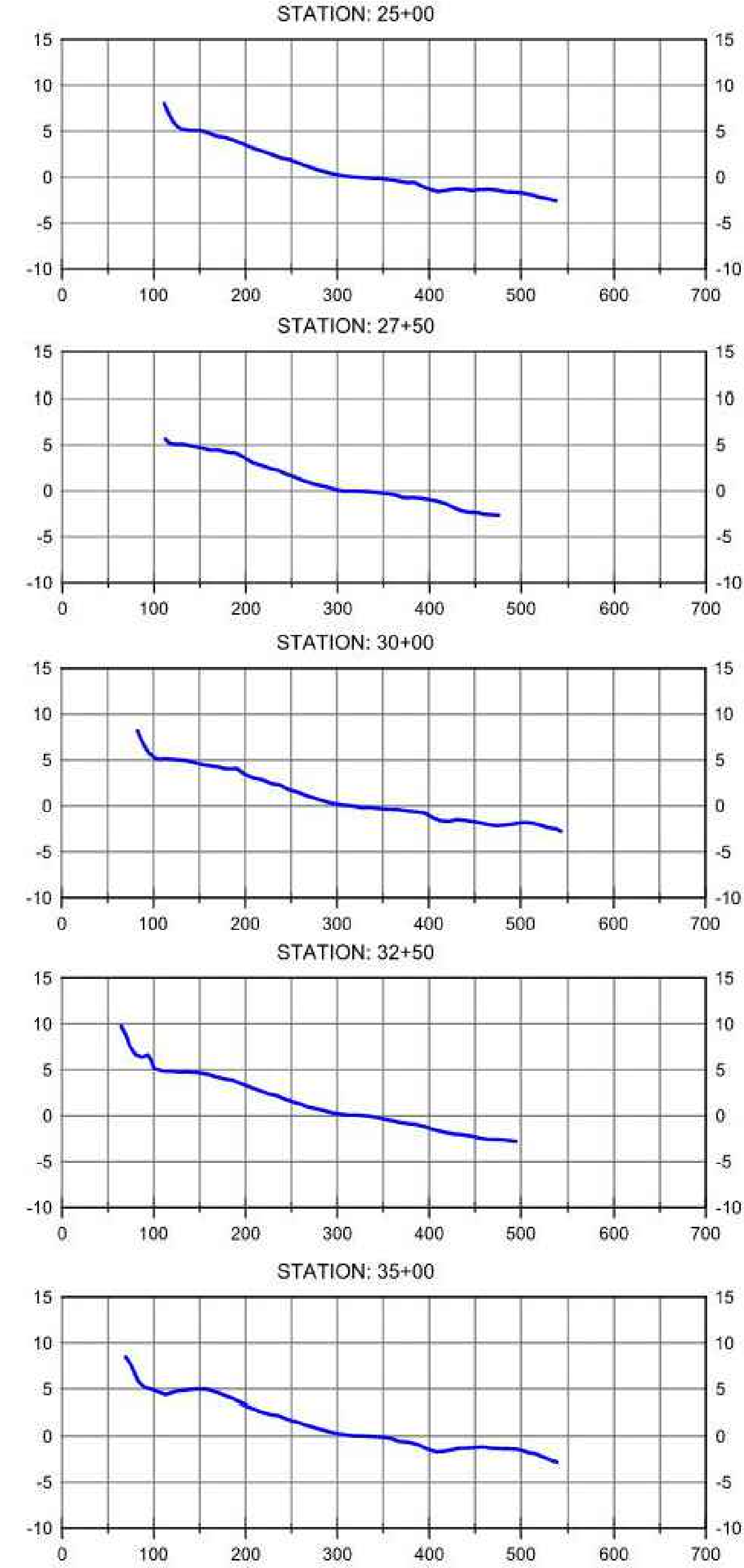
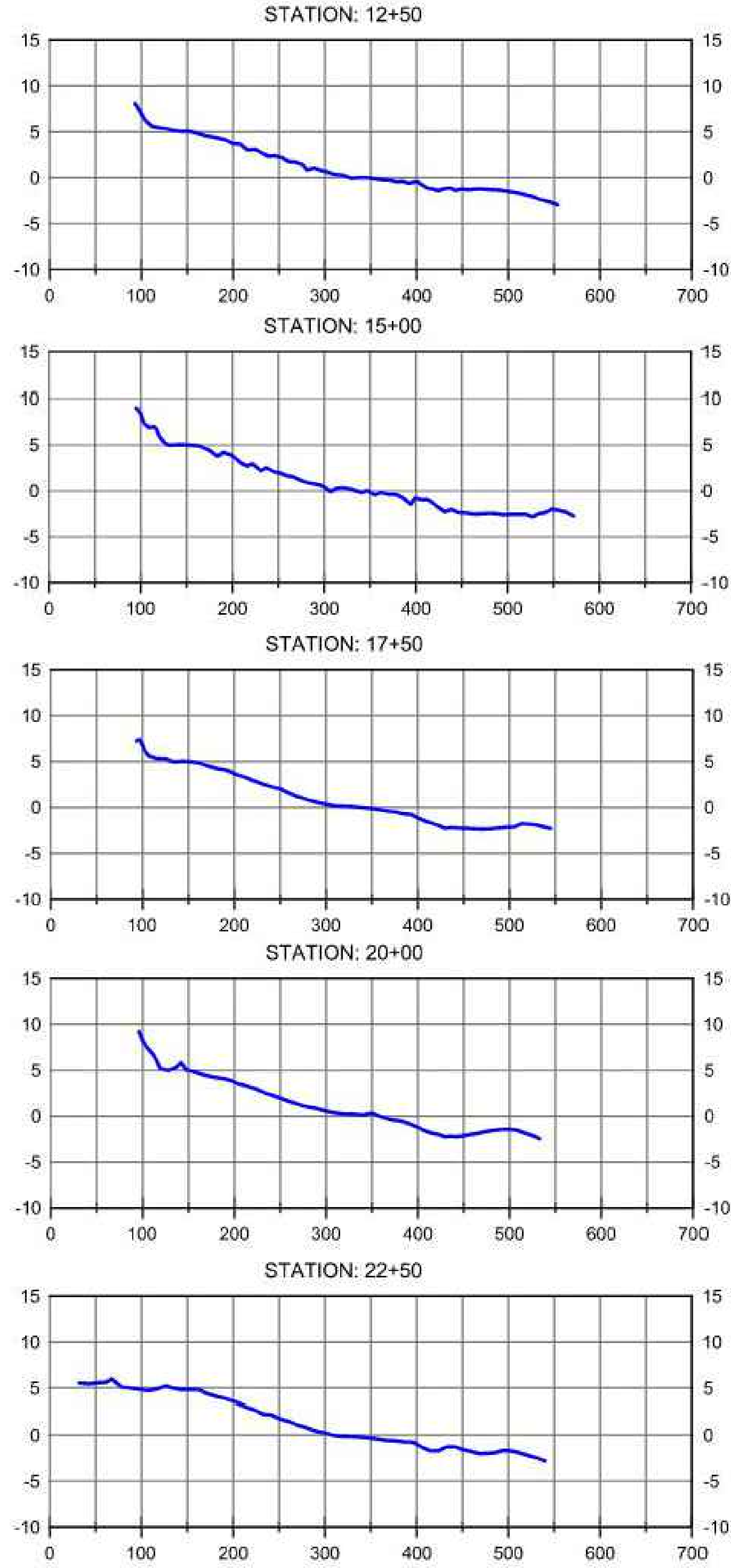
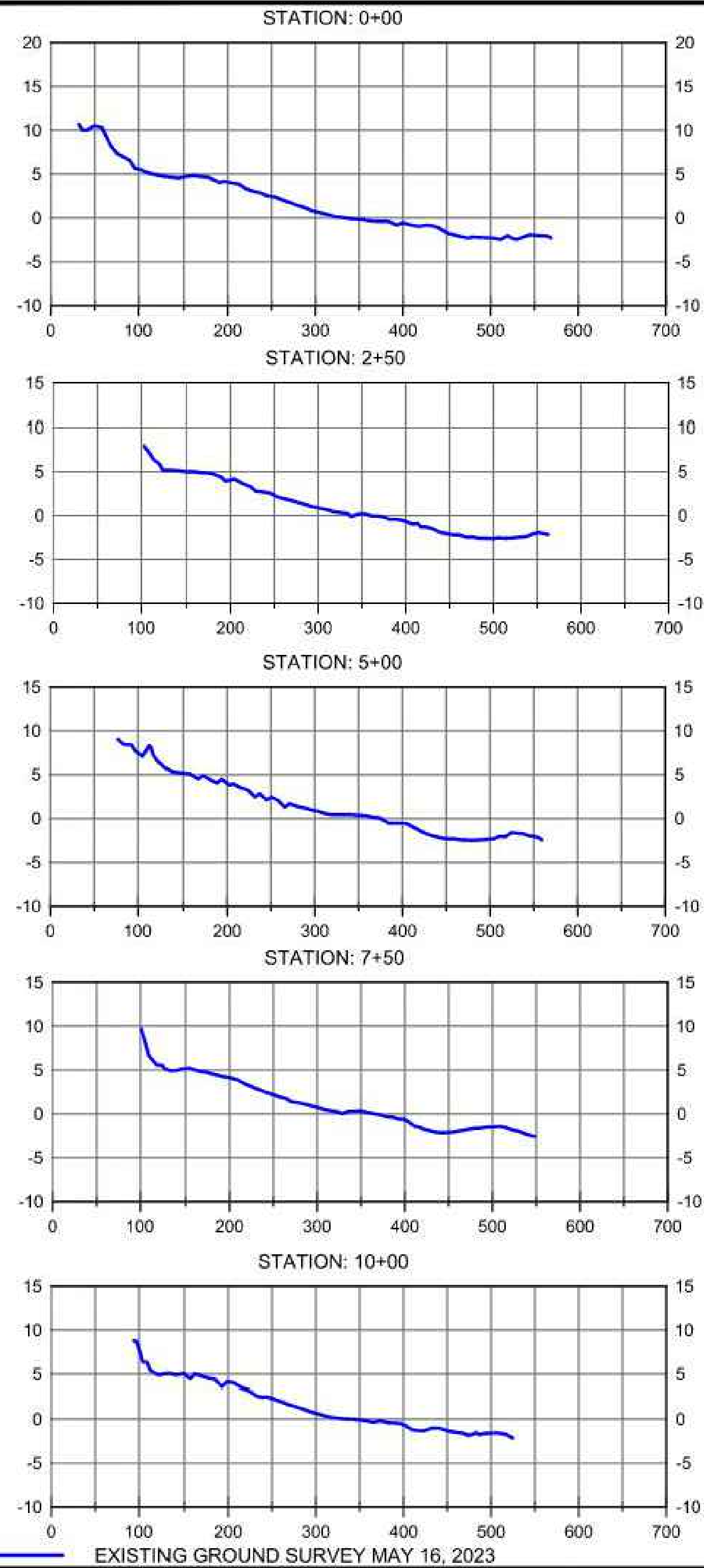
CITY OF JAMAICA BEACH &
 TEXAS GENERAL LAND OFFICE

SHEET 04 of 14
 PROJECT NO.: 1482

LOCKWOOD, Andrews & Newnam, Inc.
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 ENGINEERING
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TBS
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 Aransas Pass, TX 78336
 (361)334-5719 - tbsmith.com
 TBPLS #10194575

HORIZONTAL SCALE: 1" = 200'
 VERTICAL SCALE: 1" = 20'

REV. NO:	00	REV. DATE:	--/--	REV. BY:	--
REVISION DESCRIPTION:					

DRAWN BY:	CDW	APPROVED BY:	AWK
DATE:	05/31/2023	JOB NO:	2023.0389
DRAWING NAME: LAN-JAMAICA BEACH PROFILE SURVEY_16MAY2023			
PROJECTION: TEXAS STATE PLANE SOUTH CENTRAL GEO. DATUM: NAD83 (2011) VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
SHEET NO:	2	OF	2

JAMAICA BEACH PROFILE SURVEY
LOCKWOOD, ANDREWS, AND NEWNAM, LLC
 JAMAICA BEACH
 AN EXHIBIT OF
 JAMAICA BEACH PROFILE SURVEY
 LOCATED IN
 JAMAICA BEACH, TEXAS



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CITY OF JAMAICA BEACH &
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JAMAICA BEACH
 HURRICANE IKE REPAIR
 BEACH PROFILE SURVEY
 SHEET 2 OF 2

1 BEACH PROFILE SURVEY
 SCALE: N.T.S

REVISION NO.	DATE	BY	DESCRIPTION
REV 0	4/15/2024	LAN	ISSUE FOR BID

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1 OVERALL PROJECT LOCATION VIEW
SCALE: 1"=150'

- GENERAL NOTES:**
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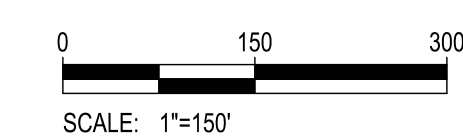
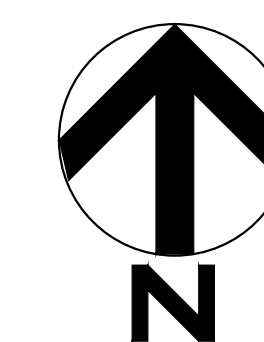
CONTROL POINT "BOAT RAMP PIN"
N: 13,638,427.7'
E: 3,250,701.1'
ELEV: 2.7' NAVD88

LEGEND

- BEACH FILL AREA
- CONSTRUCTION STAGING AREA
- CONSTRUCTION LIMITS
- CONSTRUCTION LIMITS COORDINATE

TABLE 1

POINT	NORTHING	EASTING
A	13,636,368.03	3,254,180.07
B	13,636,383.92	3,254,202.55
C	13,636,326.46	3,254,276.85
D	13,636,350.73	3,254,311.63
E	13,636,169.82	3,254,465.71
F	13,634,145.38	3,254,750.32
G	13,634,393.79	3,251,579.19
H	13,634,654.77	3,251,931.11
I	13,634,676.72	3,252,009.43
J	13,634,976.73	3,252,672.76
K	13,635,184.23	3,252,672.76
L	13,635,362.50	3,252,932.68
M	13,635,669.04	3,253,324.32
N	13,635,801.30	3,253,494.05
O	13,635,978.68	3,253,760.42
P	13,636,006.39	3,253,863.82
Q	13,636,217.46	3,254,163.53
R	13,636,318.15	3,254,209.95



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JAMAICA BEACH
HURRICANE IKE REPAIR
OVERALL PROJECT VIEW

REV. NO.	DATE	BY	DESCRIPTION
REV 0	4/15/2024	LAN	ISSUE FOR BID

File: \\133-10073-000\4-0-Production-Working\4-1-BM-CAD\Civil\Sheets\JP-PLAN_VIEWS.dwg Plot: 4/15/2024 11:36 AM By: Richard, Richard



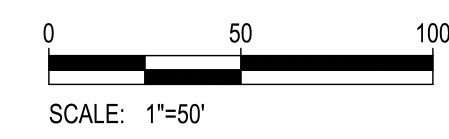
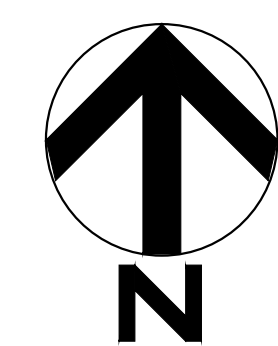
1 MIDDLE SECTION PLAN VIEW
SCALE: 1:50

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LEGEND

- BEACH FILL AREA
- CONSTRUCTION STAGING AREA



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JAMAICA BEACH
HURRICANE IKE REPAIR
PLAN VIEW 2 OF 3

REV. NO.	DATE	BY	DESCRIPTION
REV 0	4/15/2024	LAN	ISSUE FOR BID

File: P:\133-10073-000\4-0-Production-Working\4-1-BM-CAD\Civil\Sheets\JB-PLAN_VIEWS.dwg Plot: 4/15/2024 11:36 AM By: Richard, Richard



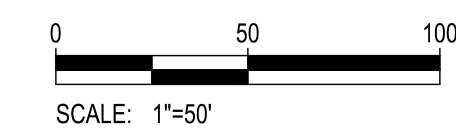
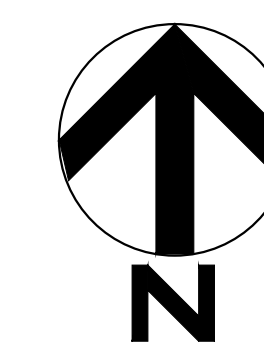
1 SOUTH SECTION PLAN VIEW
SCALE: 1"=50'

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LEGEND

- BEACH FILL AREA
- CONSTRUCTION STAGING AREA



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JAMAICA BEACH
HURRICANE IKE REPAIR

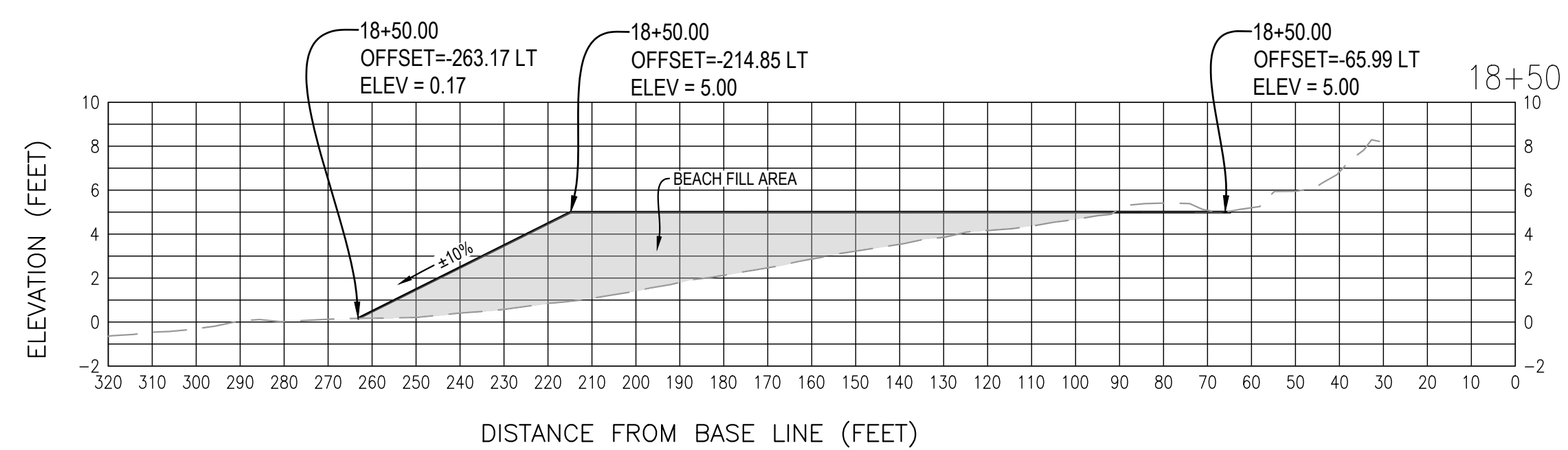
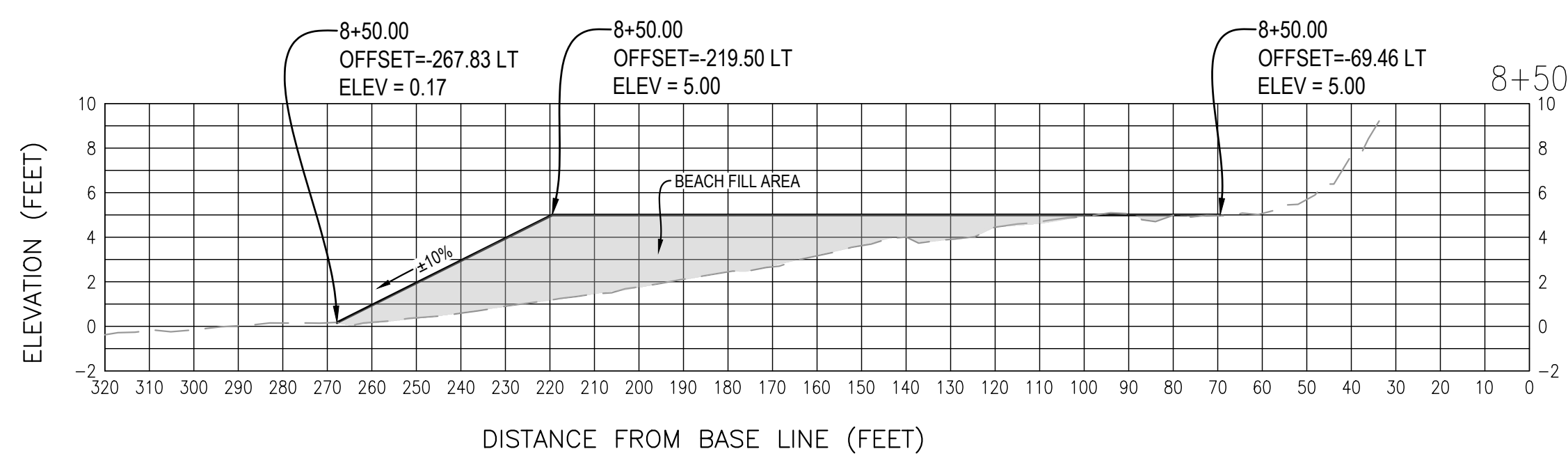
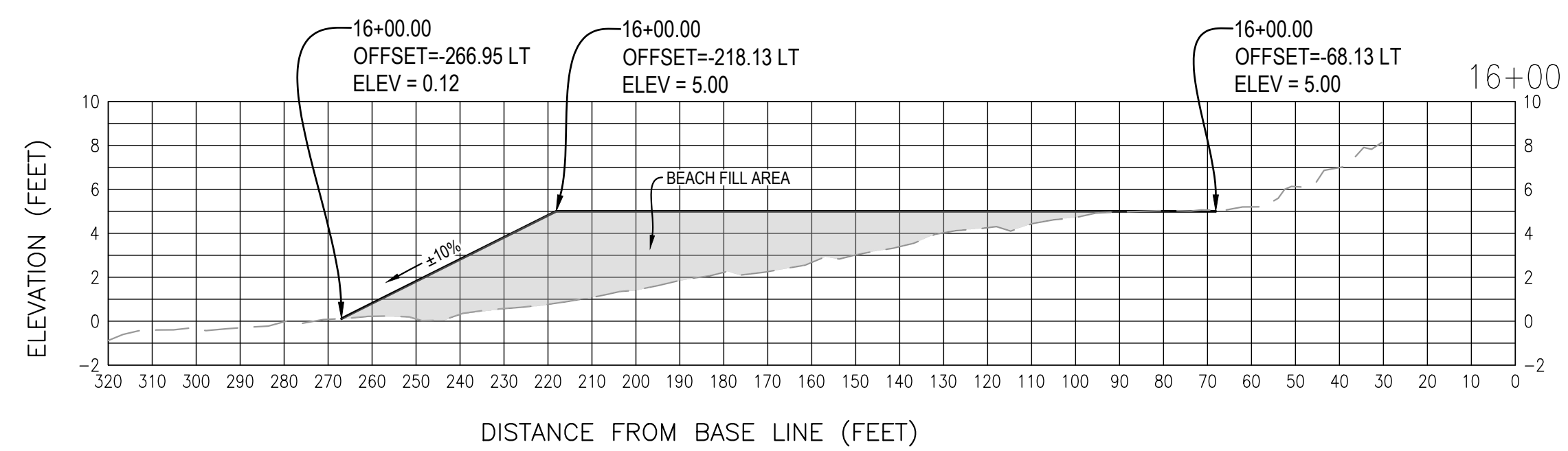
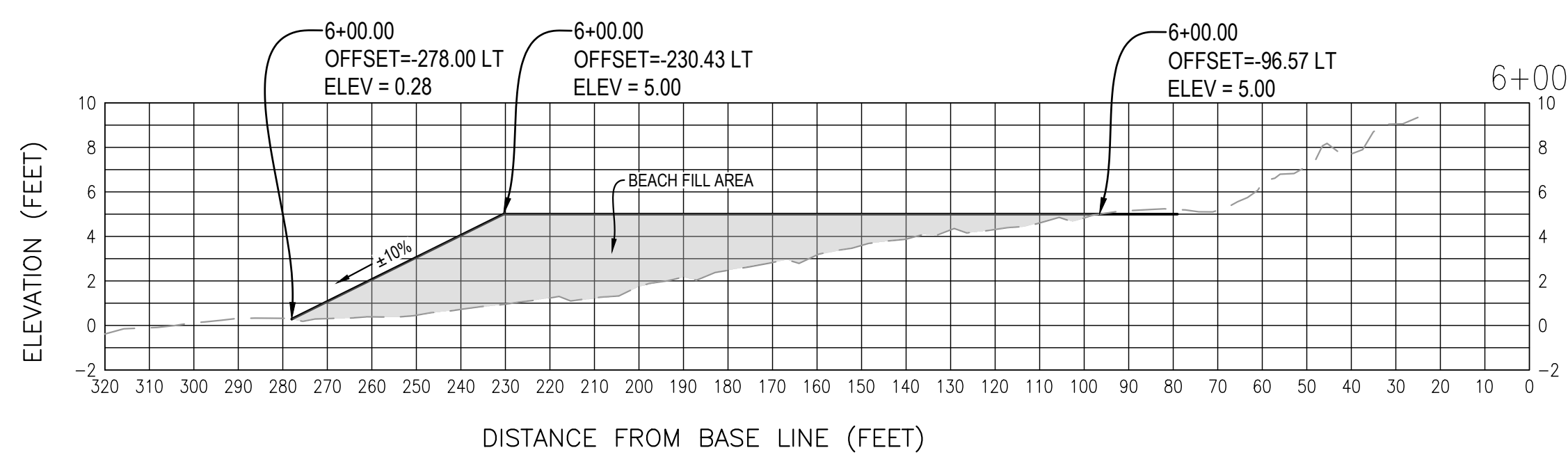
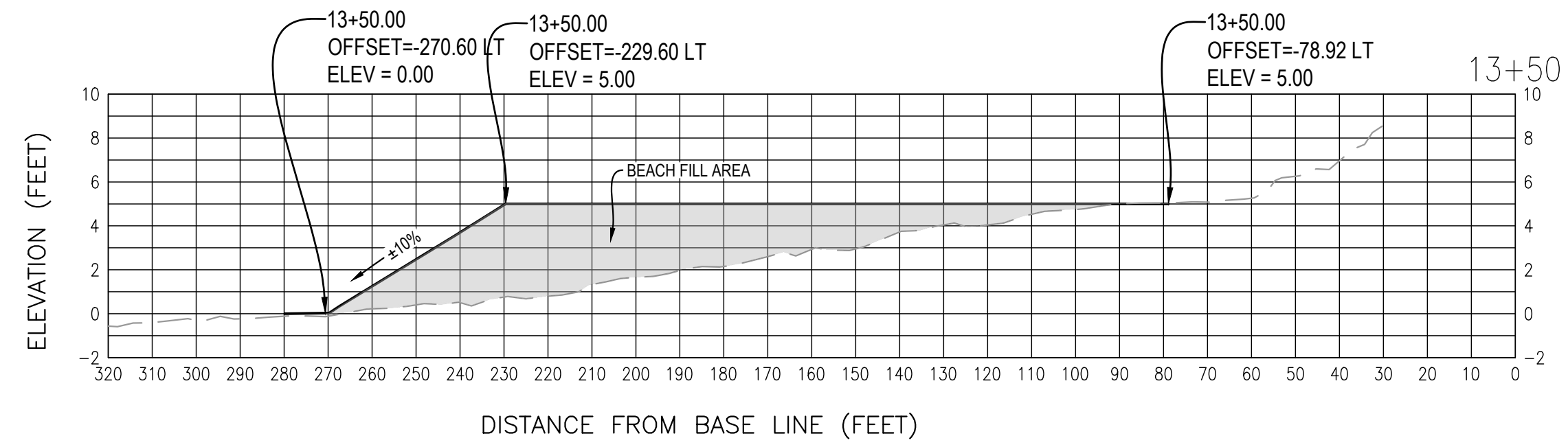
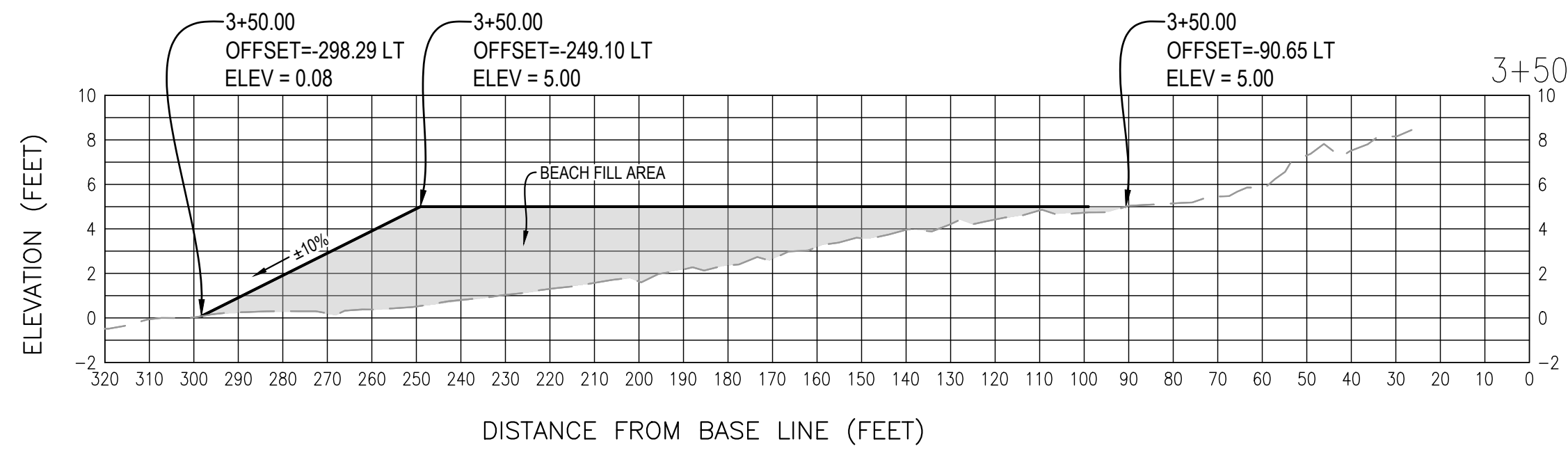
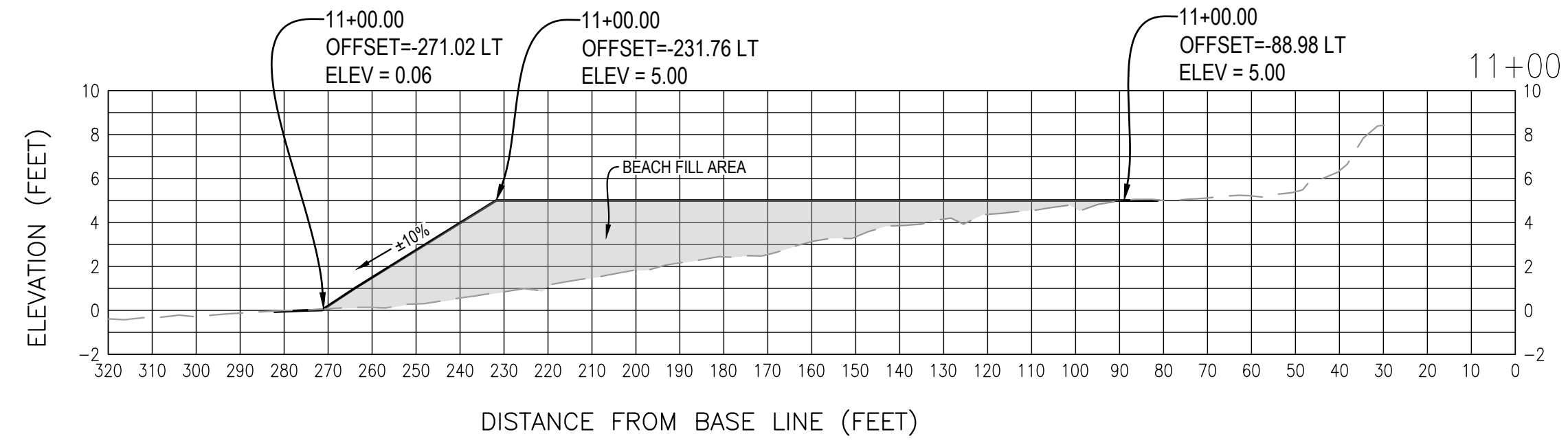
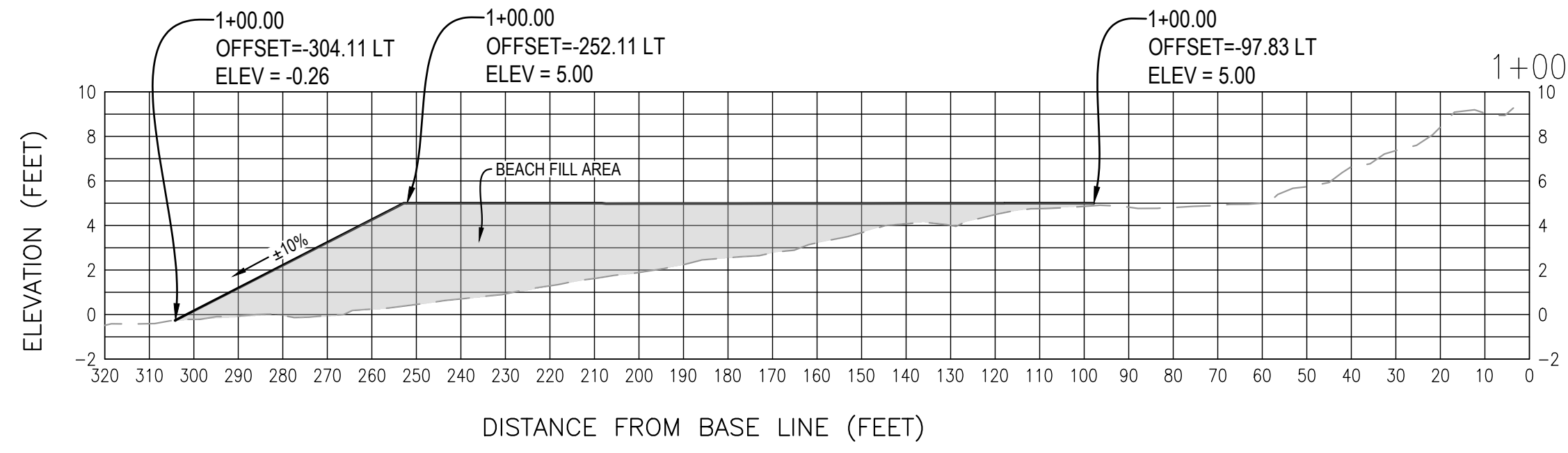
PLAN VIEW 3 OF 3

REV	DATE	DESCRIPTION	BY
REV 0	4/15/2024	ISSUE FOR BID	LAN

REVISION NO.	DATE	DESCRIPTION

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File: P:\133-10073-000\4-0-Production-Working\4-1-BM-CAD\Civil\Sheets\JB-CROSS SECTION\5.dwg Plot Date: 4/15/2024 11:36 AM By: Rwinland, Richard



- GENERAL NOTES:
- BATHMETRIC DATA WAS RECORDED BY T. BAKER SMITH ON 16 MAY, 2023. SEA FLOOR CONDITIONS ARE SUBJECT TO CHANGE.
 - HORIZONTAL DATUM: NAD83 (2011), TEXAS SOUTH CENTRAL ZONE, ALL DISTANCES ARE U.S. SURVEY FEET (GRID).
 - VERTICAL DATUM: NAVD88 (GEOID 18)



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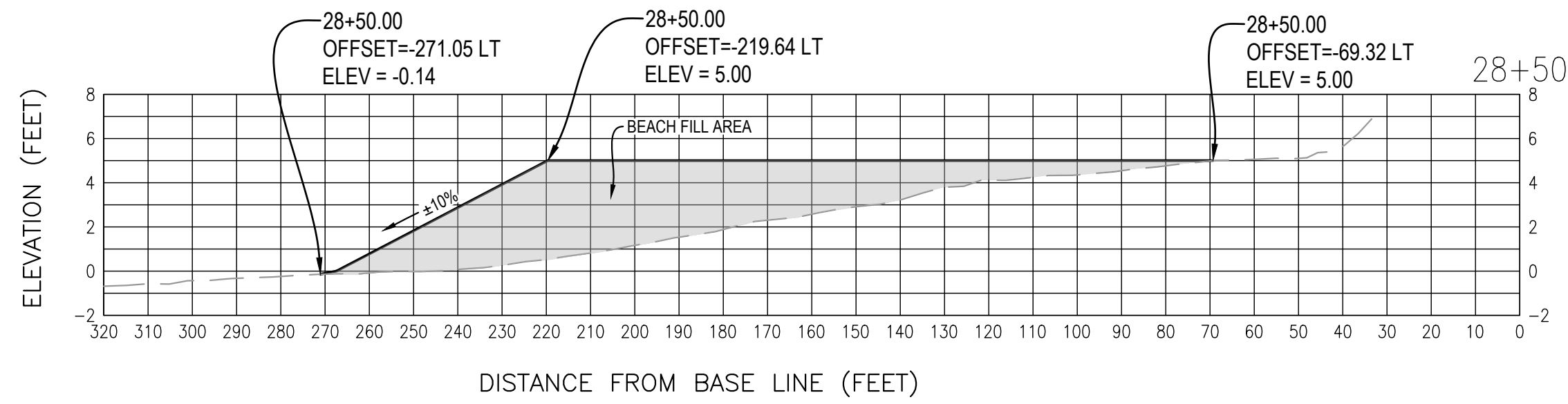
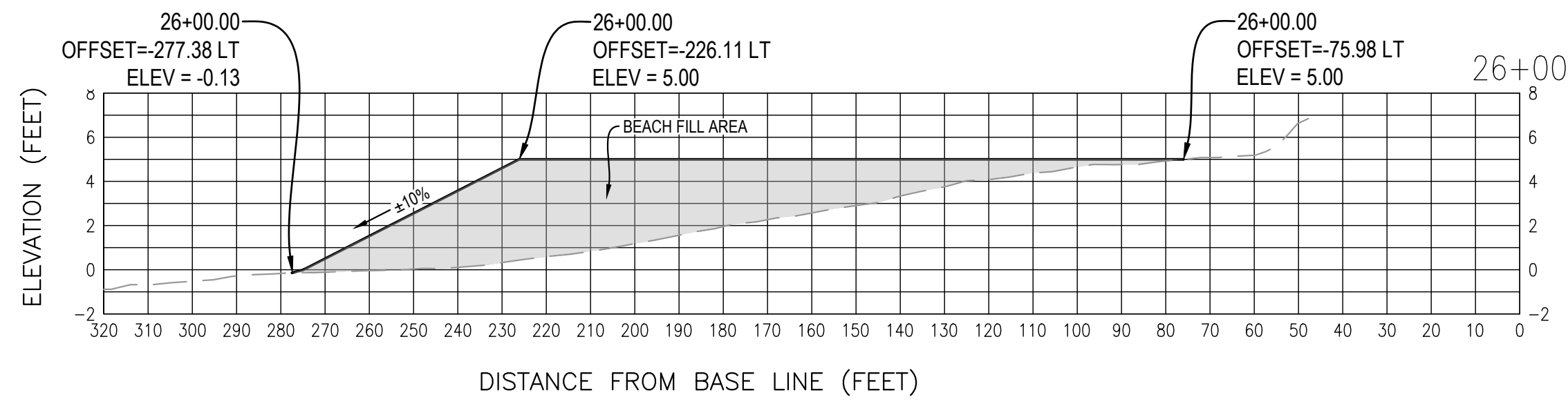
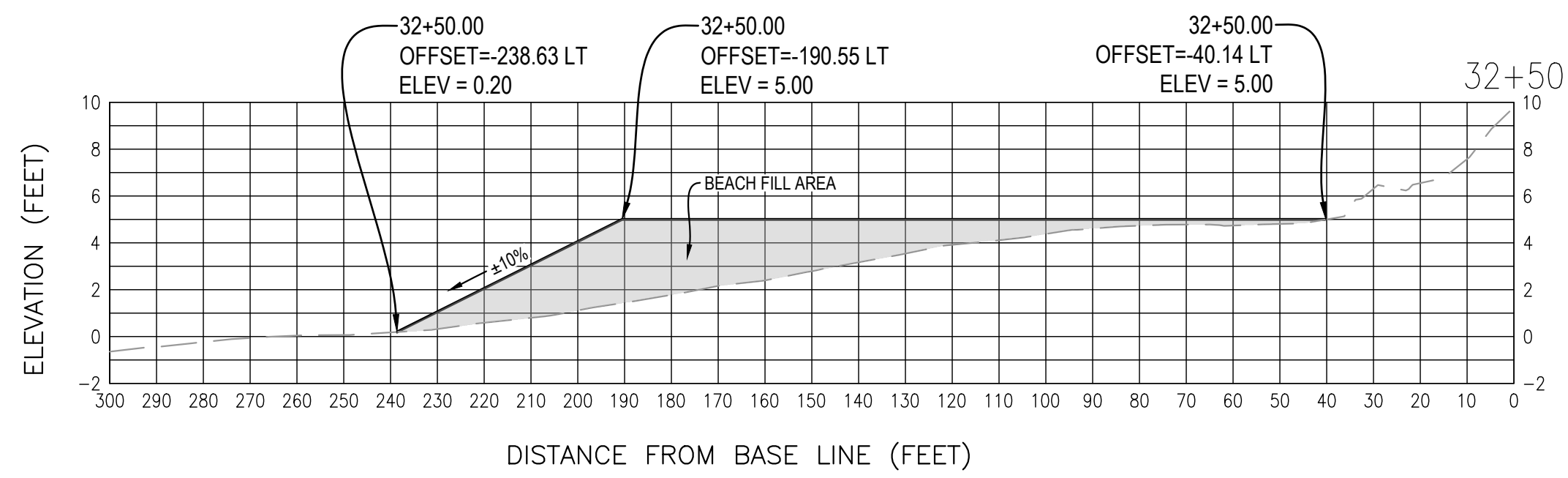
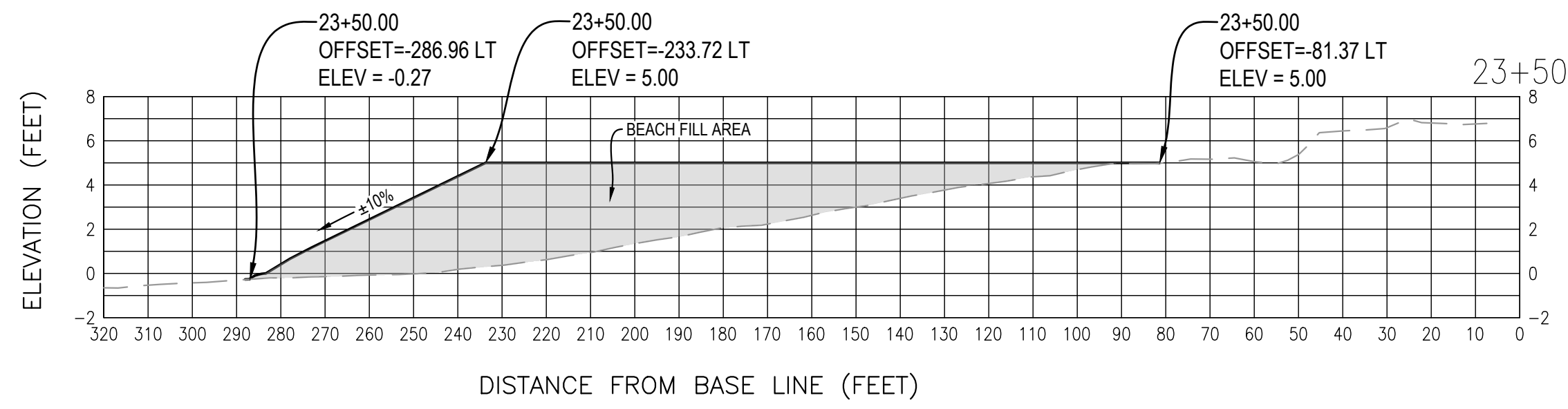
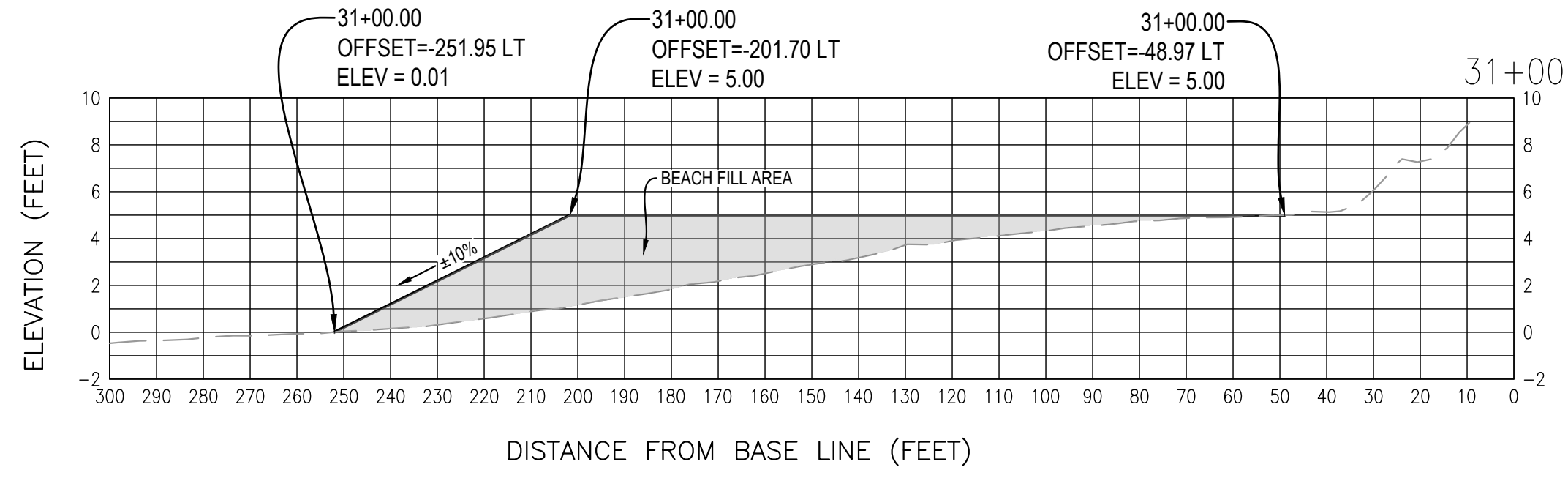
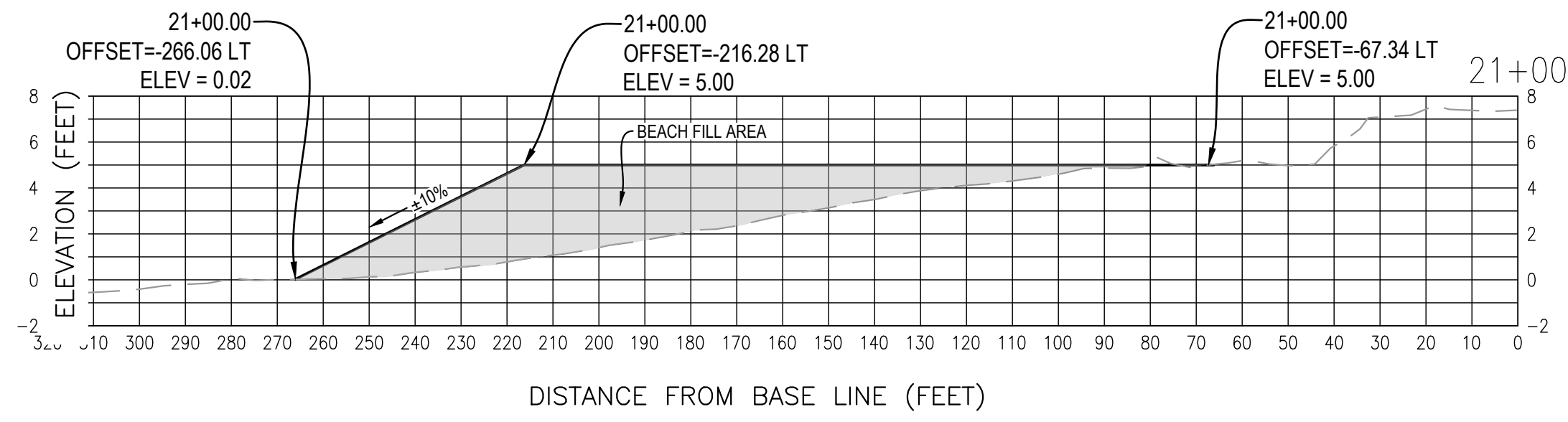
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 HURRICANE IKE REPAIR
 CROSS SECTION VIEWS
 1 OF 2

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 2 OF 2

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		DATE
		DESCRIPTION

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BORROW SITE LOCATION
 UPLAND STORED MATERIAL
 REVIEWED BY TERRACON
 APPROX. AREA: 14.02 ACRES

JAMAICA BEACH
 PROJECT LOCATION

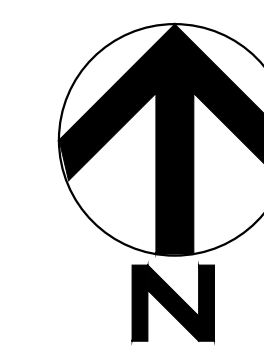
1 BORROW SITE LOCATION MAP AND HAUL ROUTES
 SCALE: 1:3000

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE REGULATORY LOAD LIMITS FOR ALL ROADS IN EACH HAUL ROUTE. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL HAUL TRUCKS AND HAUL TRUCK LOADS DO NOT EXCEED THE LOAD LIMITS FOR ALL HAUL ROADS.
2. CONTRACTOR TO COORDINATE WITH MATERIAL SOURCE SITE FOR AVAILABLE SAND MATERIAL.
3. MATERIAL AT BORROW SITES MAY HAVE TO BE SIFTED TO COMPLY WITH GRADATION REQUIREMENTS.

LEGEND

— HAUL ROUTE #1



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JAMAICA BEACH
 HURRICANE IKE REPAIR
 BORROW SITE LOCATIONS
 AND HAUL ROUTES

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BORROW SITE LOCATION 2
 UPLAND STORED MATERIAL
 REVIEWED BY TERRACON
 APPROX. AREA: 14.02 ACRES



GENERAL NOTES:

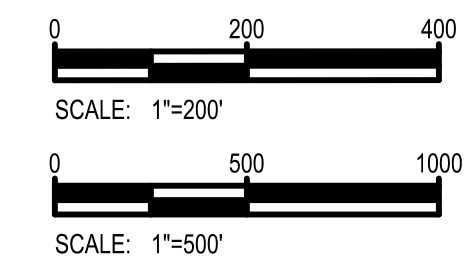
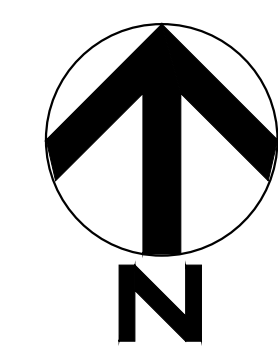
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2. CONTRACTOR TO COORDINATE WITH MATERIAL SOURCE SITE FOR AVAILABLE SAND MATERIAL.

LEGEND




- HAUL ROUTE #1
- BORROW LOCATION
- A

TABLE 1		
POINT	NORTHING	EASTING
A	13,679,606.00	3,295,113.00
B	13,679,799.00	3,295,685.00
C	13,679,799.00	3,294,764.00
D	13,680,760.00	3,295,330.00

2 BORROW SITE
 SCALE: 1:200



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						JAMAICA BEACH HURRICANE IKE REPAIR	BORROW SITE LOCATION DETAILS
SHEET 14 of 14							PROJECT NO: 1482