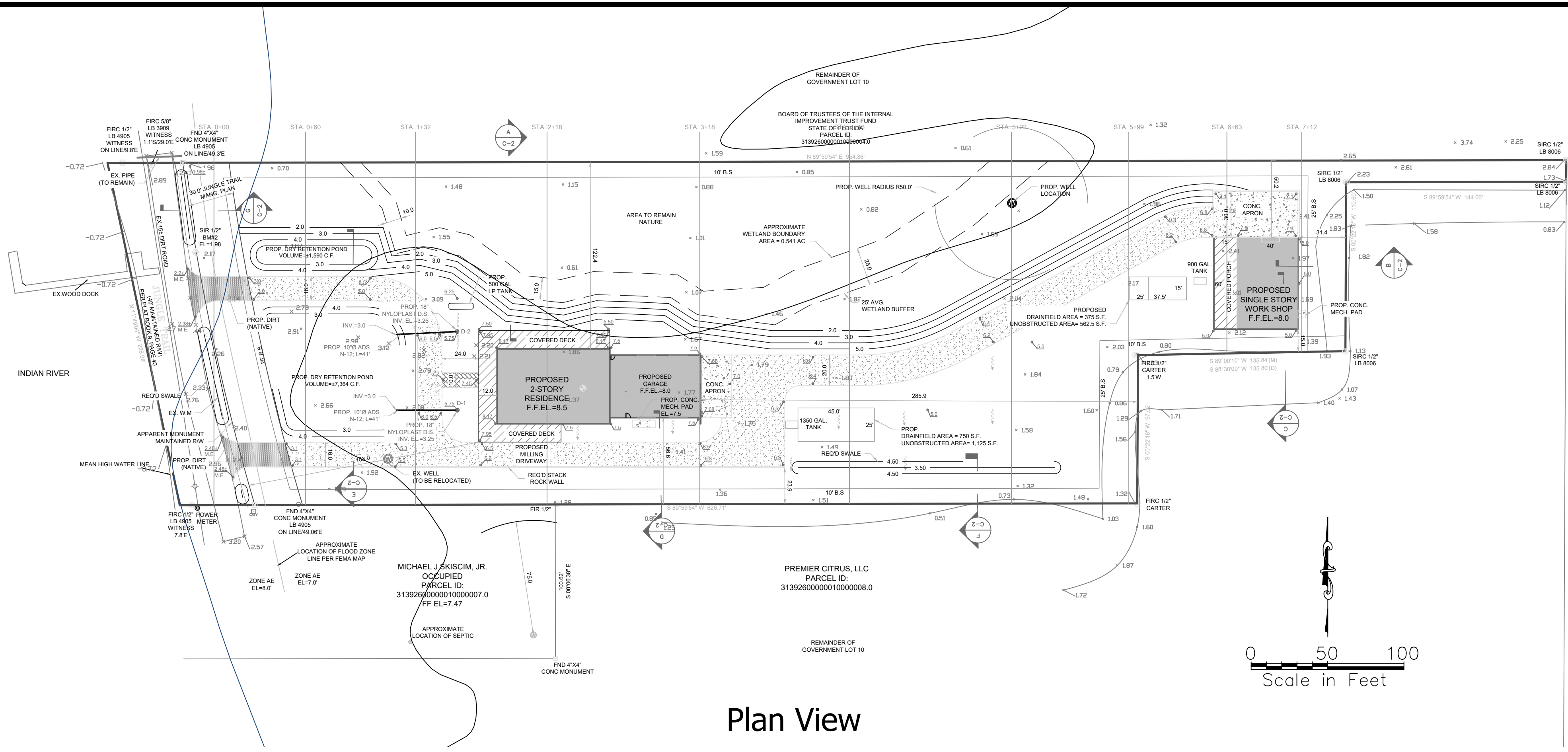


REVISIONS	BY

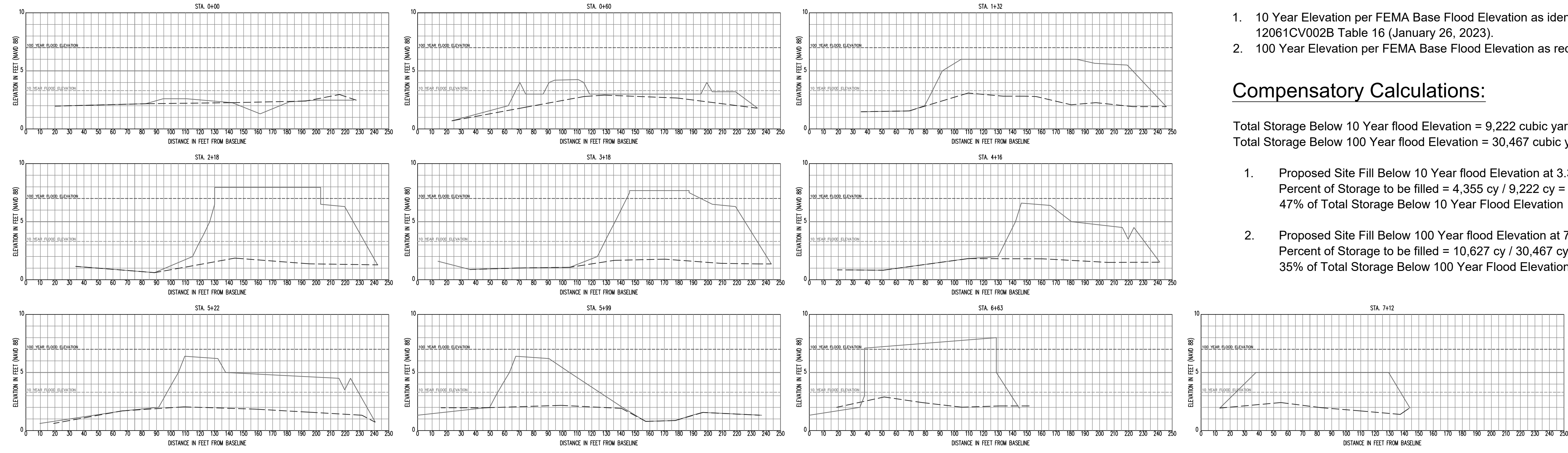


LEGEND

- Centerline
- Street Light
- Light Pole
- Proposed Elevation
- Iron Rod
- Benchmark
- Elevation
- Catch Basin
- Cable Pedestal
- Wood Utility Pole
- GPS Anchor
- Electric Transformer
- Telephone Junction Box
- Water Meter
- Fire Hydrant
- Water Valve
- Existing Well
- Sanitary Manhole
- Storm Manhole
- Prop. Building
- Prop. Exterior Covered Deck
- Prop. Milling Driveway
- Prop. Concrete
- Prop. Pavers
- Prop. Flow Path
- Prop. Grade



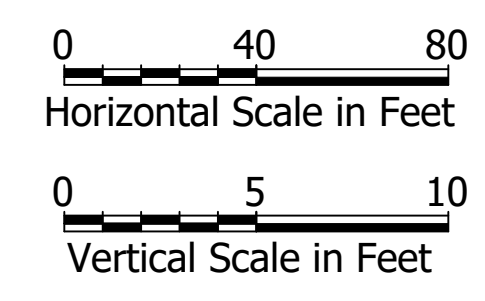
Survey: Mills, Short & Associates
 Flood Zones and LiMWA: FEMA National Flood Hazard Layer for Indian River County dated January 26, 2023, accessed on January 18, 2024



Cross Sections

Legend

- Existing Grade
- Proposed Fill
- 10 Year Flood Elevation
- 100 Year Flood Elevation



General Notes:

- 10 Year Elevation per FEMA Base Flood Elevation as identified in FEMA FIS Study Number 12061CV002B Table 16 (January 26, 2023).
- 100 Year Elevation per FEMA Base Flood Elevation as required by Indian River County.

Compensatory Calculations:

Total Storage Below 10 Year flood Elevation = 9,222 cubic yards
 Total Storage Below 100 Year flood Elevation = 30,467 cubic yards

- Proposed Site Fill Below 10 Year flood Elevation at 3.3 ft NAVD = 4,355 cubic yards
 Percent of Storage to be filled = 4,355 cy / 9,222 cy = 0.47
 47% of Total Storage Below 10 Year Flood Elevation
- Proposed Site Fill Below 100 Year flood Elevation at 7 ft NAVD = 10,627 cubic yards
 Percent of Storage to be filled = 10,627 cy / 30,467 cy = 0.35
 35% of Total Storage Below 100 Year Flood Elevation

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Coastal Waterways

COASTAL ENGINEERING - ENVIRONMENTAL PERMITTING
 EMERGENCY MANAGEMENT - WATERFRONT DEVELOPMENT

Fischer Property
 Coastal Engineering Study Demonstrating Eligibility of
 Waiver from Cut and Fill Balance Requirements
 Exhibit B - Grading Plan

Drawn By	BP
Review	SWB
Date	6/26/2024
Scale	AS NOTED
Project Number	3002401
Sheet Number	B

STEPHEN W. BOEHNING, P.E. DATE
 FL. P.E. NO. 52201

3002401