



MICHAEL R. BARNETT, PE  
FL LIC. # 44625

Mark	Description	Date	Appr.
0	ISSUED FOR CLIENT REVIEW	3/21/17	MB
1	REVISED BASED ON CLIENT REVIEW	4/6/17	MB
2	MOVE ALIGNMENT SEAWALL/ADD CAP	5/17/17	MB

Designed By: M. BARNETT  
Drawn By: M. BARNETT  
Checked By: R. CZAPINSKI  
Reviewed By: S. MCGAHEE  
Design file no: MWB-C-108-BURBORGPLANING  
Scale: AS SHOWN

TETRA TECH INC.  
759 SOUTH FEDERAL HWY  
SUITE 314  
MIAMI, FL 33130  
TEL: (772) 781-3400  
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CERTIFICATE OF AUTHORIZATION  
NO. 24929



CITY OF KEY WEST  
REST BEACH SEAWALL  
SEAWALL INSTALLATION PLAN  
KEY WEST, MONROE COUNTY, FL

Sheet Reference:  
**C-108**  
Sheet 10 of 18

# ATLANTIC BOULEVARD

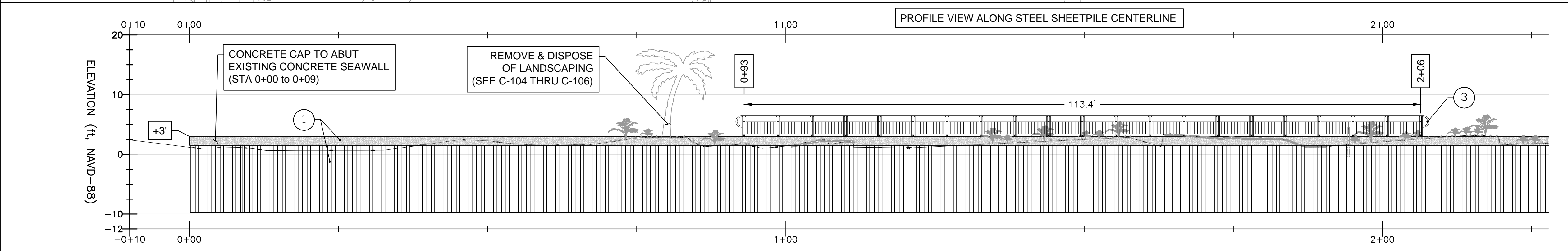
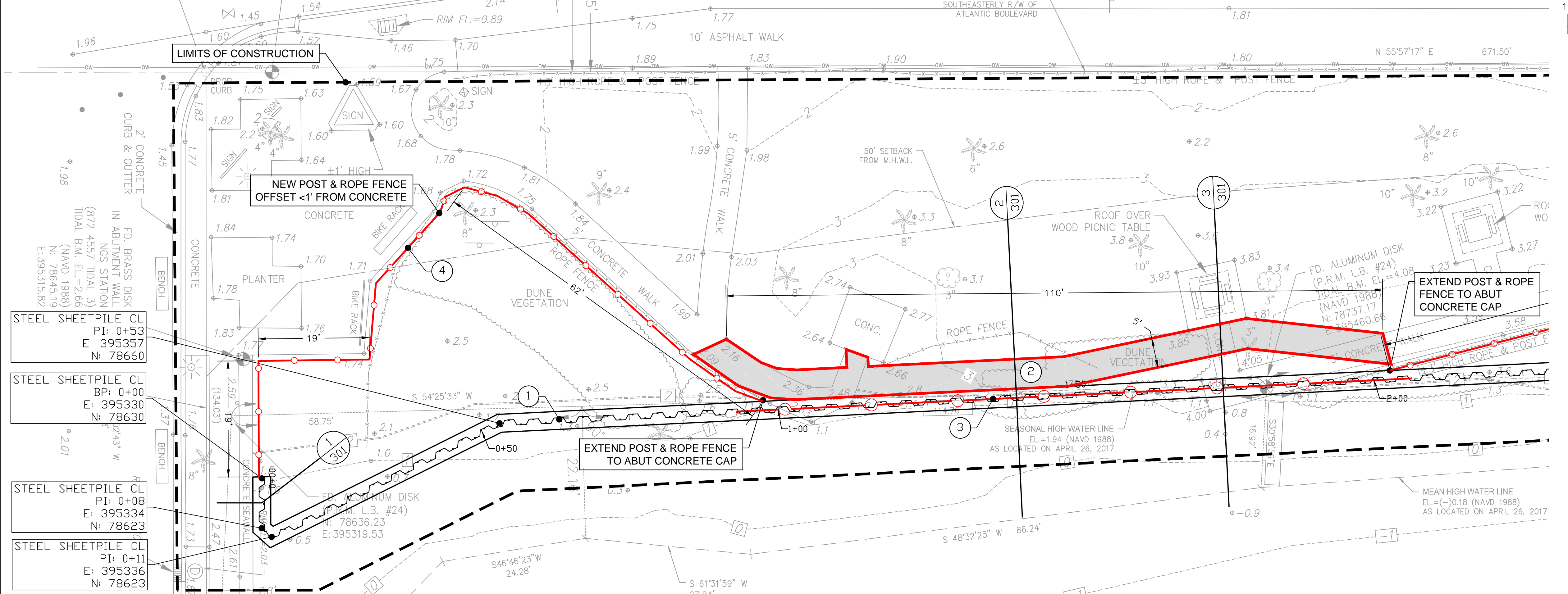
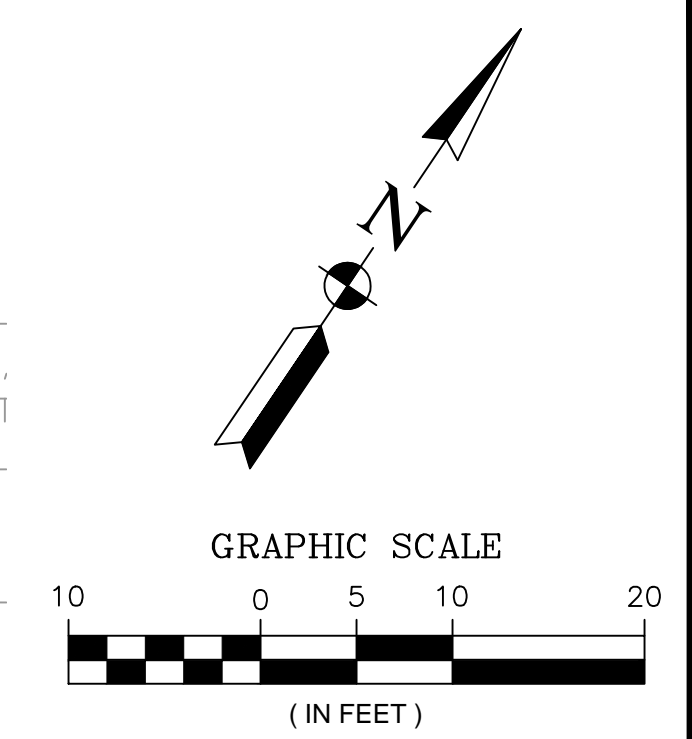
## 50' PUBLIC RIGHT-OF-WAY

**LEGEND:**

- ① INSTALL STEEL SHEETPILE WITH CONCRETE CAP (1/501)
- ② INSTALL CONCRETE SIDEWALK (1/502)
- ③ INSTALL HANDRAIL (2/502)
- ④ INSTALL POST & ROPE FENCE (4/502)

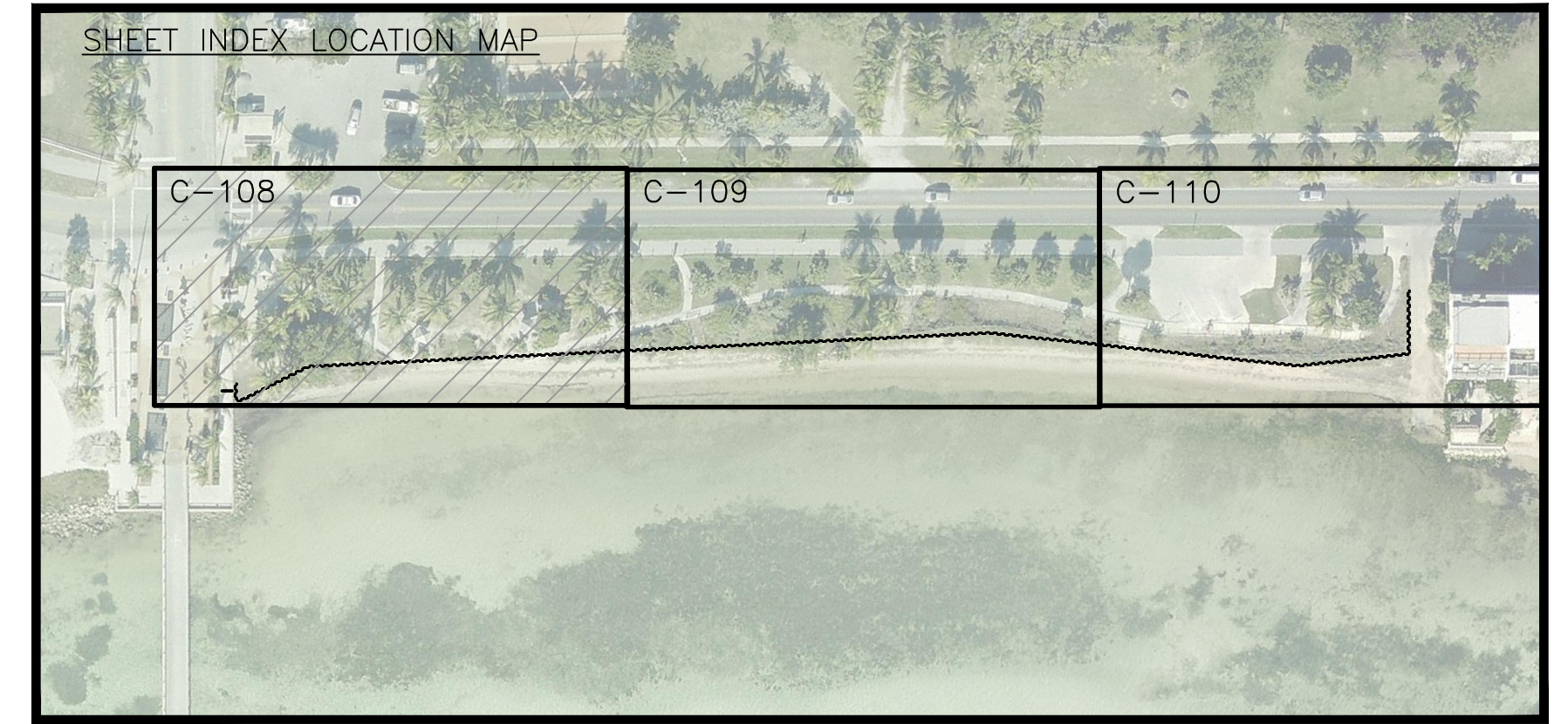
**LEGEND CONT'D:**

- [Grey Box] HARD SURFACE (CONCRETE)
- PI: STEEL SHEET PILE CENTERLINE ALIGNMENT COORDINATES (TYP)
- [Red Line] ITEMS TO INSTALL



- NOTES:**
- ALL ELEVATIONS REFERENCED TO NAVD88. NGVD29 = 1.35' + NAVD88.
  - HORIZONTAL COORDINATES, WHERE DEPICTED, ARE REFERENCED TO NAD83, FLORIDA STATE PLANE, EAST ZONE.
  - CONSTRUCTION ITEMS FOR THIS PROJECT INCLUDE THE FOLLOWING:
    - FURNISH AND INSTALL OF 692.5 LINEAR FEET OF STEEL SHEET PILE (332 TOTAL SHEETS)
    - FURNISH AND INSTALL OF REINFORCED CONCRETE CAP (694 LINEAR FEET, ~116CY)
    - FURNISH AND INSTALL OF NEW SIDEWALKS (590 SQUARE FEET)
    - FURNISH AND INSTALL OF HANDRAIL (113.4 LINEAR FEET)
    - FURNISH AND INSTALL OF POST & ROPE FENCE (627 LINEAR FEET)
    - REPAIR OF EXISTING CONCRETE SIDEWALK SECTION (REPAIR CONSISTS OF REMOVING 36 SQUARE FEET OF CONCRETE SIDEWALK, RE-GRADING & COMPACTING BASE FILL, AND REPLACING CONCRETE SIDEWALK)
  - PROFILE VIEW IS SCALED 1H:1V.
  - SEE SHEET C-301 FOR CROSS SECTIONS.

ITEM	LOCATION(S) ALONG ALIGNMENT CENTERLINE	TOTAL
①	0+00-6+92	692.5 LF
②	0+85-1+11	590 SF
③	0+93-2+06	113.4 LF
④	0+00-1+00, 2+00-6+92	627 LF



**FOR REVIEW ONLY - NOT FOR CONSTRUCTION**

**LEGEND:**

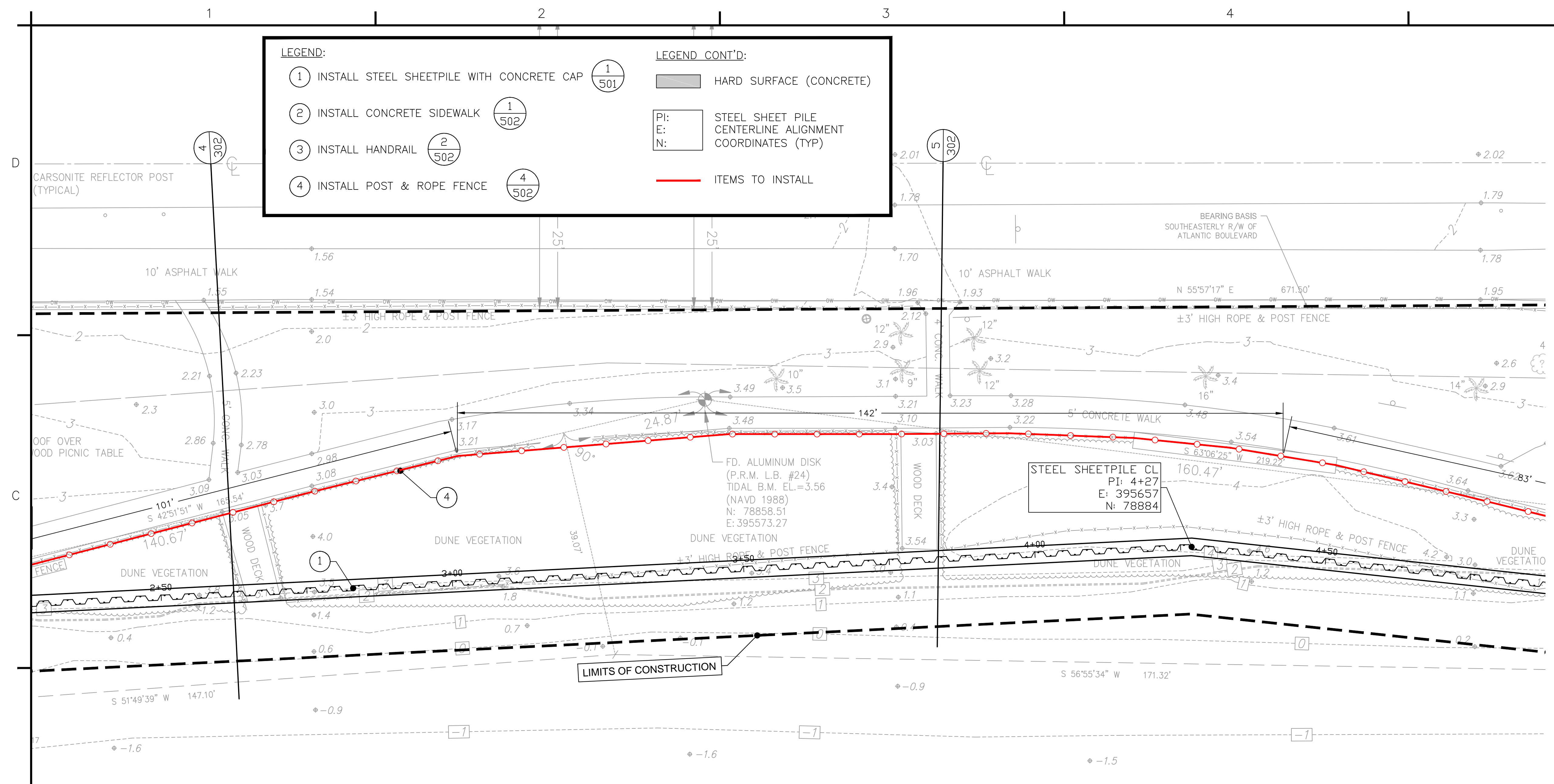
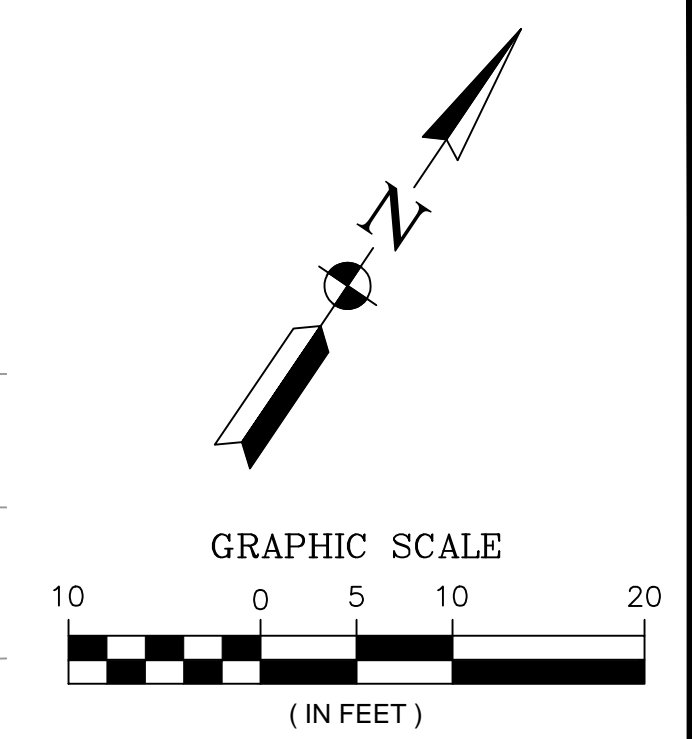
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- ② INSTALL CONCRETE SIDEWALK (1/502)
- ③ INSTALL HANDRAIL (2/502)
- ④ INSTALL POST & ROPE FENCE (4/502)

**LEGEND CONT'D:**

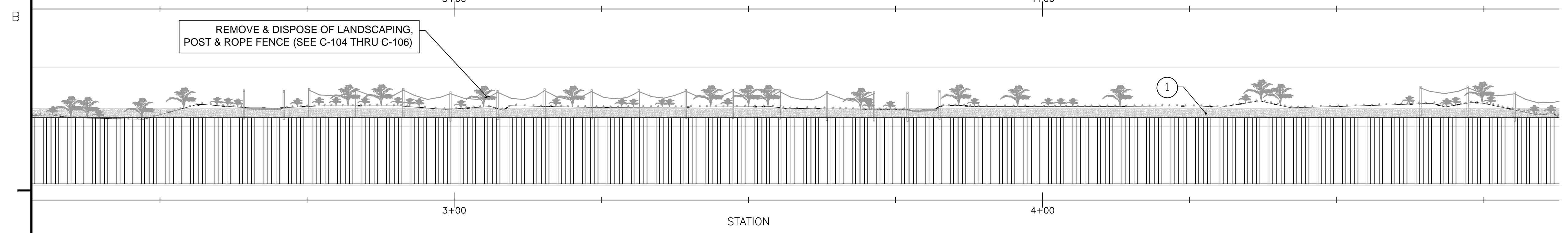
- [Grey Box] HARD SURFACE (CONCRETE)
- PI: STEEL SHEET PILE CENTERLINE ALIGNMENT
- E: COORDINATES (TYP)
- N: COORDINATES (TYP)
- [Red Line] ITEMS TO INSTALL



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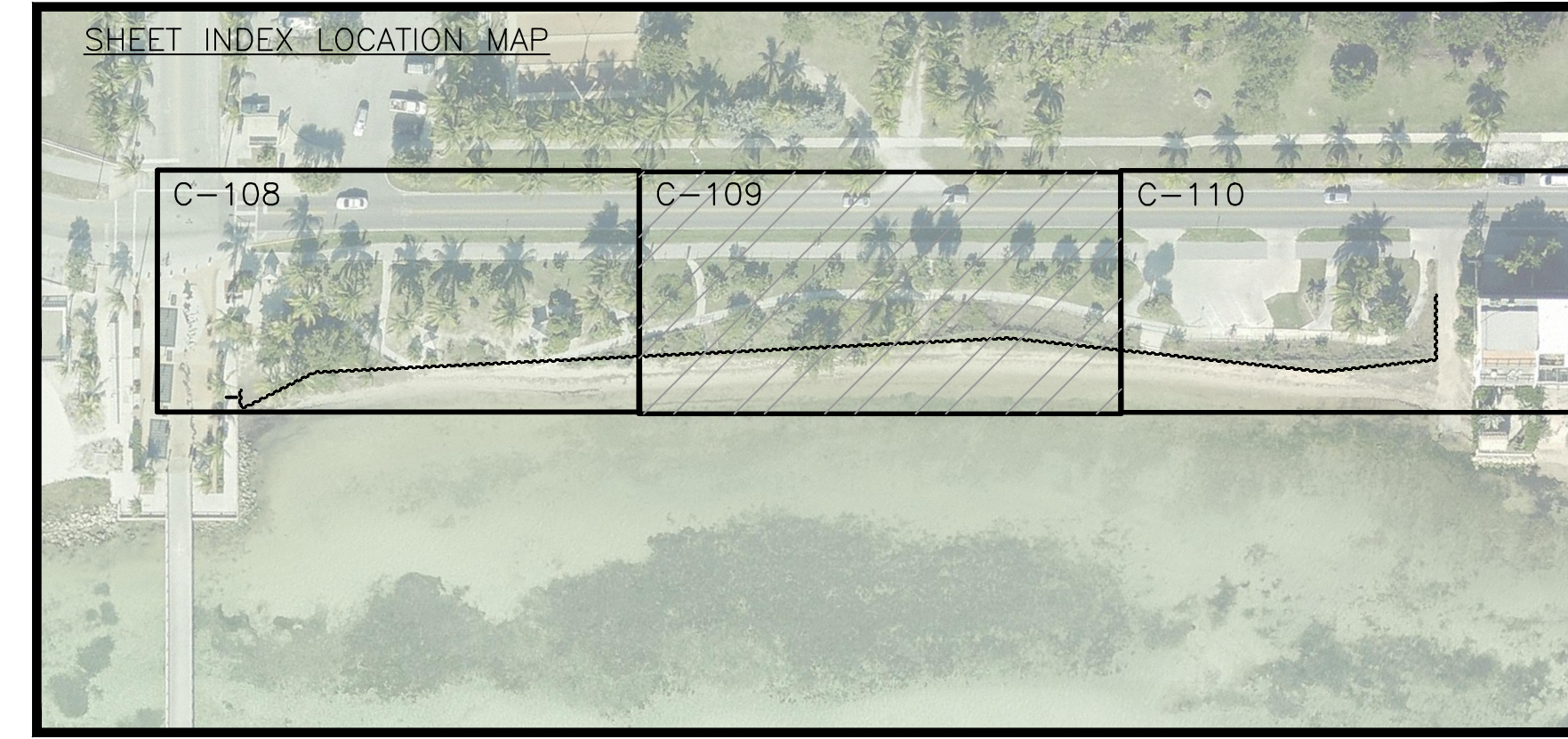


Profile View of Steel Sheetpile CL



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  - PROFILE VIEW IS SCALED 1H:1V.
  - SEE SHEET C-302 FOR CROSS SECTIONS.

ITEM	LOCATION(S) ALONG ALIGNMENT CENTERLINE	TOTAL
①	0+00-6+92	692.5 LF
②	0+85-1+11	590 SF
③	0+93-2+06	113.4 LF
④	0+00-1+00, 2+00-6+92	627 LF



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Mark	Description	Date	Appr.
2	MOVE ALIGNMENT SEAWALL/ADD CAP	5/17/17	MB
1	RESUBMITTED BASED ON CLIENT REVIEW	4/6/17	MB
0	ISSUED FOR CLIENT REVIEW	3/21/17	MB

Designed By: M. BARNETT  
 Drawn By: M. BARNETT  
 Checked By: R. CZAPINSKI  
 Reviewed By: S. MCGAHEE  
 Design file no.: MWEL-108-BURBORGPLANING  
 Scale: AS SHOWN

**TETRA TECH INC.**  
 759 SOUTH FEDERAL HWY  
 SUITE 314  
 TEL: (772) 4494-2936  
 TEL: (772) 781-3400  
 FAX: (772) 781-3411

CERTIFICATE OF AUTHORIZATION  
 NO. 2429

CITY OF KEY WEST  
 REST BEACH SEAWALL  
 SEAWALL INSTALLATION PLAN  
 KEY WEST, MONROE COUNTY, FL

Sheet Reference:  
**C-109**  
 Sheet 11 of 18

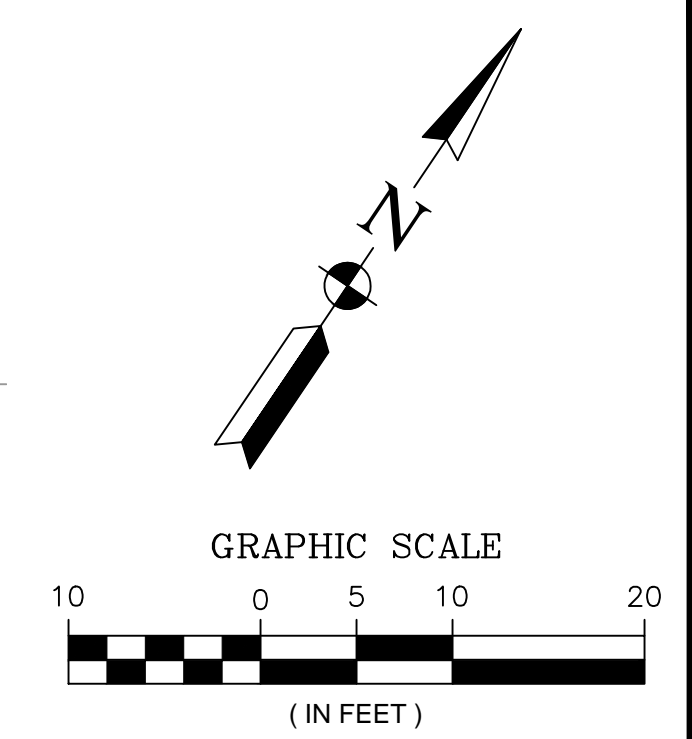
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50' PUBLIC RIGHT-OF-WAY

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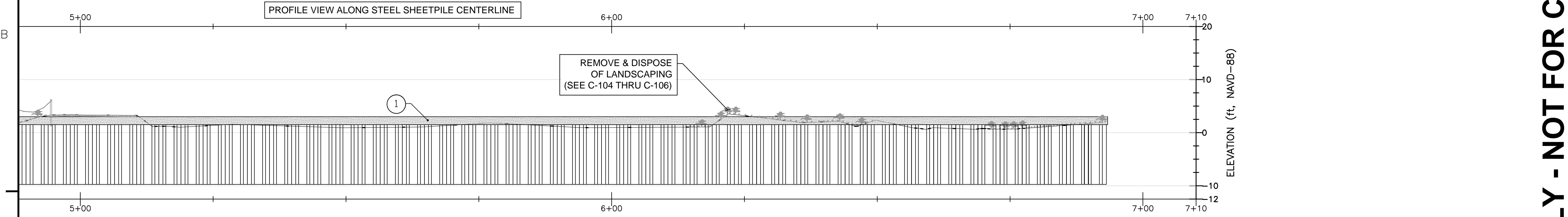
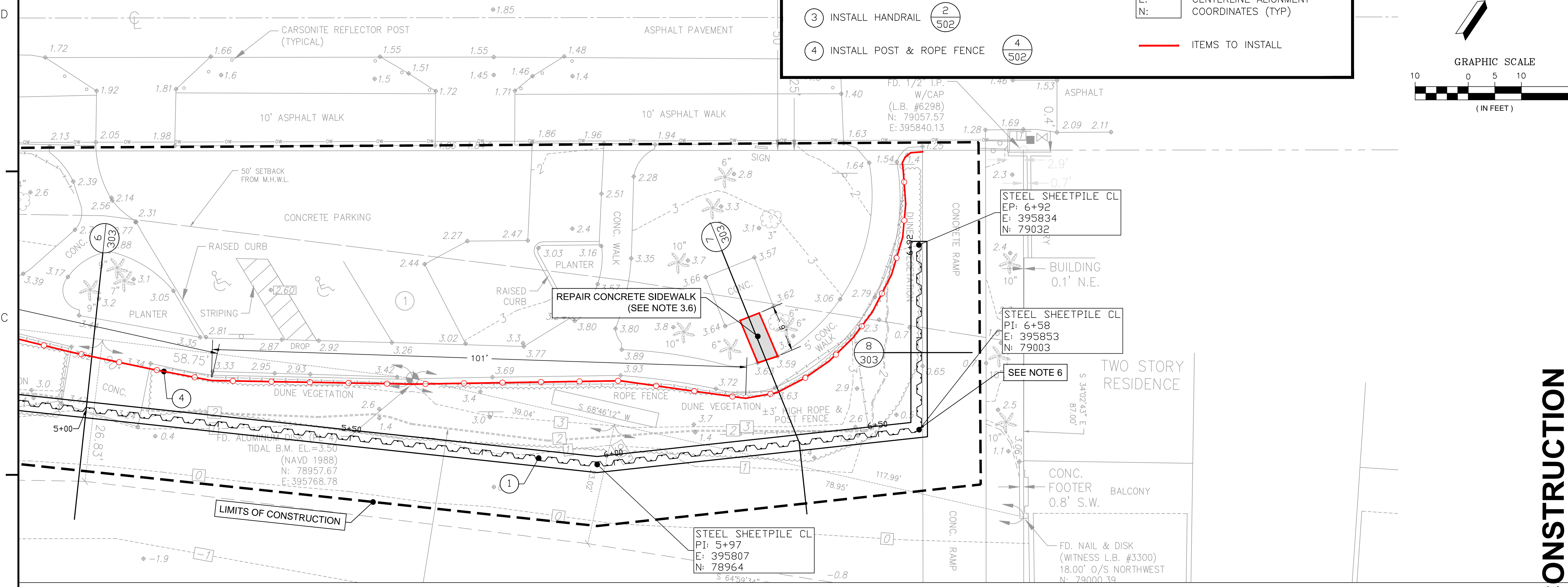
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**LEGEND CONT'D:**

- [Hatched Box] HARD SURFACE (CONCRETE)
- PI: STEEL SHEET PILE CENTERLINE ALIGNMENT COORDINATES (TYP)
- [Red Line] ITEMS TO INSTALL



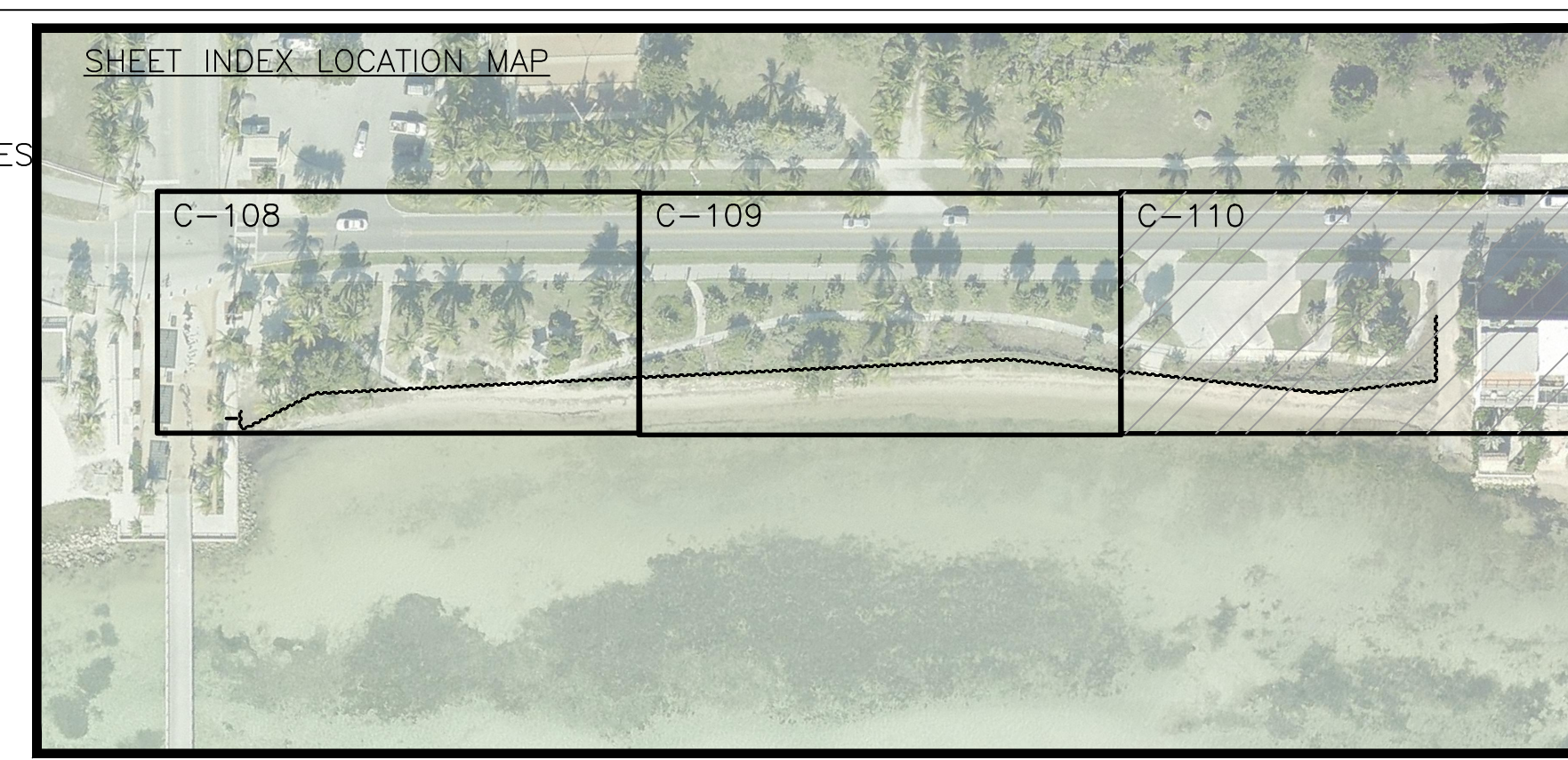
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  - PROFILE VIEW IS SCALED 1H:1V.
  - SEE SHEET C-303 FOR CROSS SECTIONS.

- NOTES CONT'D:**
- SHEETPILE SHALL BE LOCATED AS CLOSE TO THE EXISTING CONCRETE RAMP AS PRACTICABLE (STA 6+58 TO 6+92). A CONCRETE PLUG SHALL BE INSTALLED TO 18 INCHES BELOW GRADE TO ENSURE NO GAP EXISTS BETWEEN THE TWO FEATURES.

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