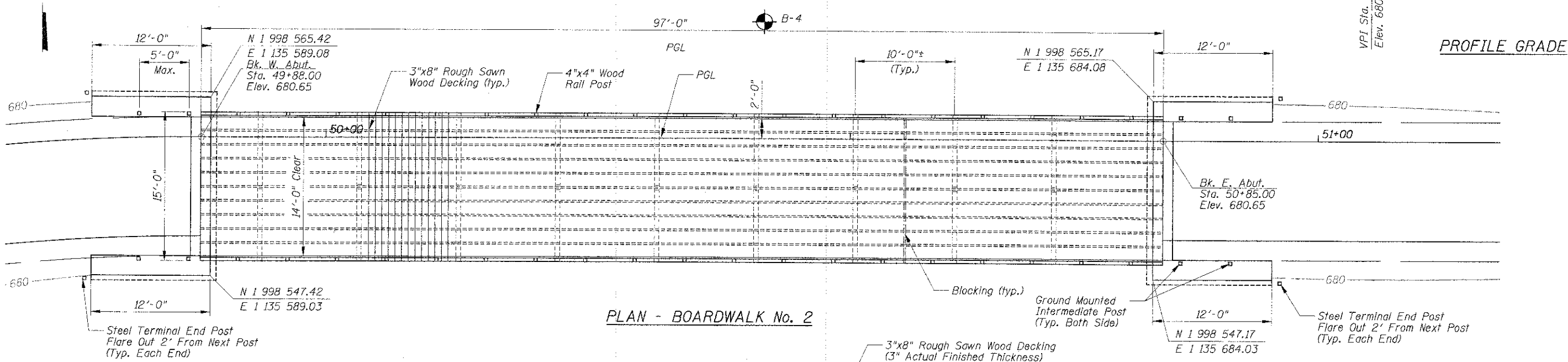
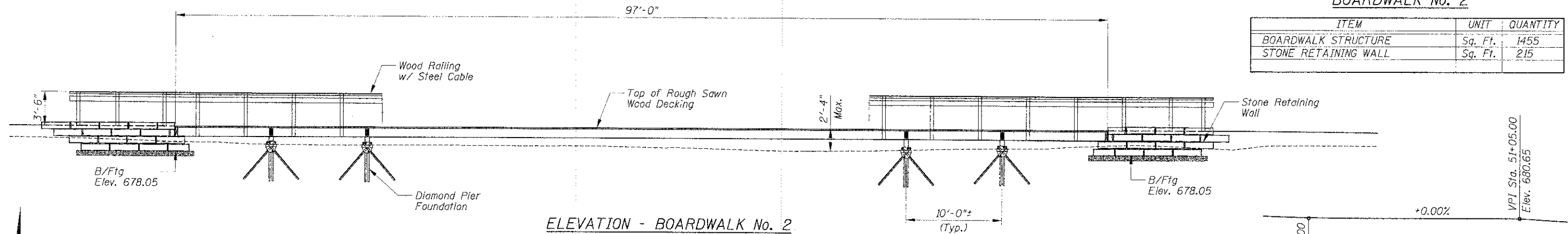


SUMMARY OF QUANTITIES
BOARDWALK No. 2

ITEM	UNIT	QUANTITY
BOARDWALK STRUCTURE	Sq. Ft.	1455
STONE RETAINING WALL	Sq. Ft.	215



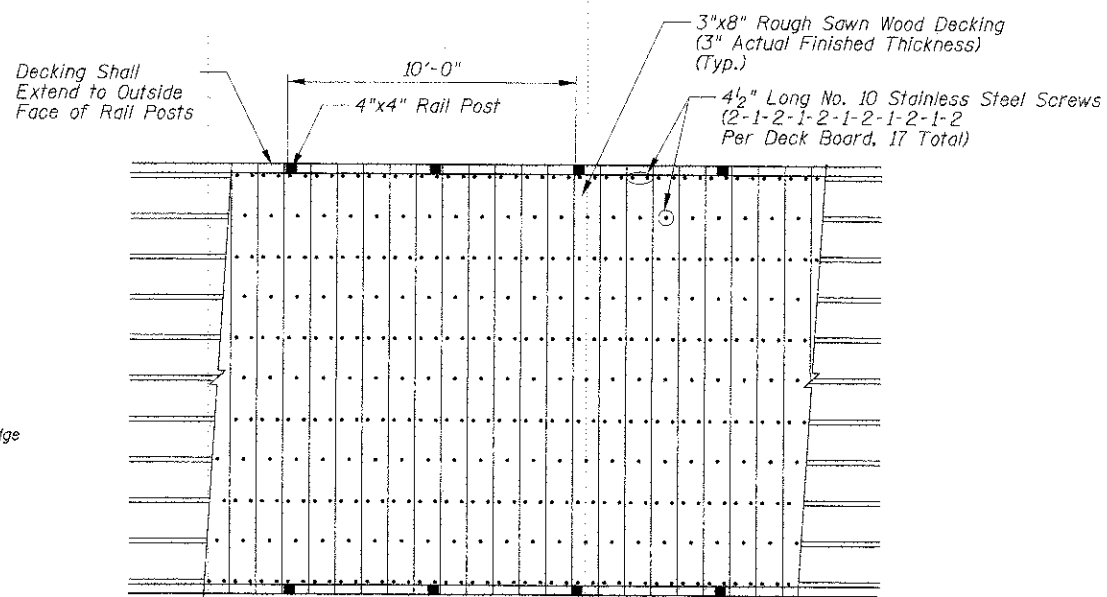
DESIGN SPECIFICATIONS

2012 AASHTO Bridge Design Specifications, 6th Edition, with 2012 Interims and 2009 LRFD Guide Specifications for the Design of Pedestrian Bridge.

Uniform Loading of 90 PSF
No Vehicular Loading

I Certify That To The Best Of My Knowledge, Information And Belief, This Bridge Design Is Structurally Adequate For The Design Loading Shown On The Plans, And Complies With Requirements Of The Contract And The Current "Guide Specification For Design Of Pedestrian Bridge".

Majid Mobasser 4/11/13
MAJID MOBASSERI
ILLINOIS REGISTRATION No. 081-005058 STRUCTURAL ENGINEER
EXPIRATION DATE: 12/30/14



NOTES:

- The Rub Rail and Cap Rail Shall Be Installed Before Tensioning The Cable Rails.
- The Top and Bottom of Pier Post Shall Be Covered With An Epoxy Glue To Prevent Water Absorption.
- The Diamond Piers Shall Be Designed For The Following Loads:
Max. Vertical Load = 10,000 lb
Lateral Load = 1,150 lb
Uplift = 600 lb
- Provide Blocking For Joists At The Center of Each Span.
- Final Placement of Stones To Be Approved By Landscape Architect in Field.
- Stones Shall Have No Exposed Saw Cuts.
- Stone Retaining Wall Shall Have 6H:IV Batter on Exposed Face.

DECKING:

- Decking Shall Be Butted Tightly Board To Board To Allow For Board Shrinkage After Deck Construction.
- Decking To Be Attached With 305 Stainless Steel or Better Screw Recessed 1/8" Below Deck Surface.
- No Splices Shall Be Allowed For Bridge Decking.

