APPENDIX E

FABRICATION DRAWINGS FOR BOND STRENGTH TEST APPARATUS
Figure-E.1: Complete Test Fixture Assembly, Side View
Figure-E.2: Complete Test Fixture Assembly, Plan View
Figure-E.3: Complete Test Fixture Assembly, Section A
Figure-E.4: Complete Test Fixture Assembly, Section B
Figure-E.5: Complete Test Fixture Assembly, Section C
Figure E.6: Complete Test Fixture Assembly, Section D

Complete Test Fixture Assembly
**Figure-E.7: Specimen Holder Fixed Base**

- **SIDE VIEW**
  - Two holes drilled and tapped for 1/8"-13 x 1 1/2" bolts (pass thru 1/2" plate and tap 1 1/2" block)
  - Two holes drilled for 1/4" x 2" dowel pins with holes drilled for snug fit

- **PLAN VIEW**
  - Two holes drilled and tapped for 3/8"-16 x 5" bolts

- **END VIEW**
  - 1,0000 1,0000
Figure-E.8: Specimen Holder Loading Base
Figure-E.9: Specimen Holder Adjustable Clamp
Figure-E.10: Teflon Guide Plates
LOADING BLOCK
QUANTITY NEEDED: 1

SIDE VIEW

PLAN VIEW

END VIEW

Figure-E.11: Loading Block
Figure-E.12: Specimen Shims