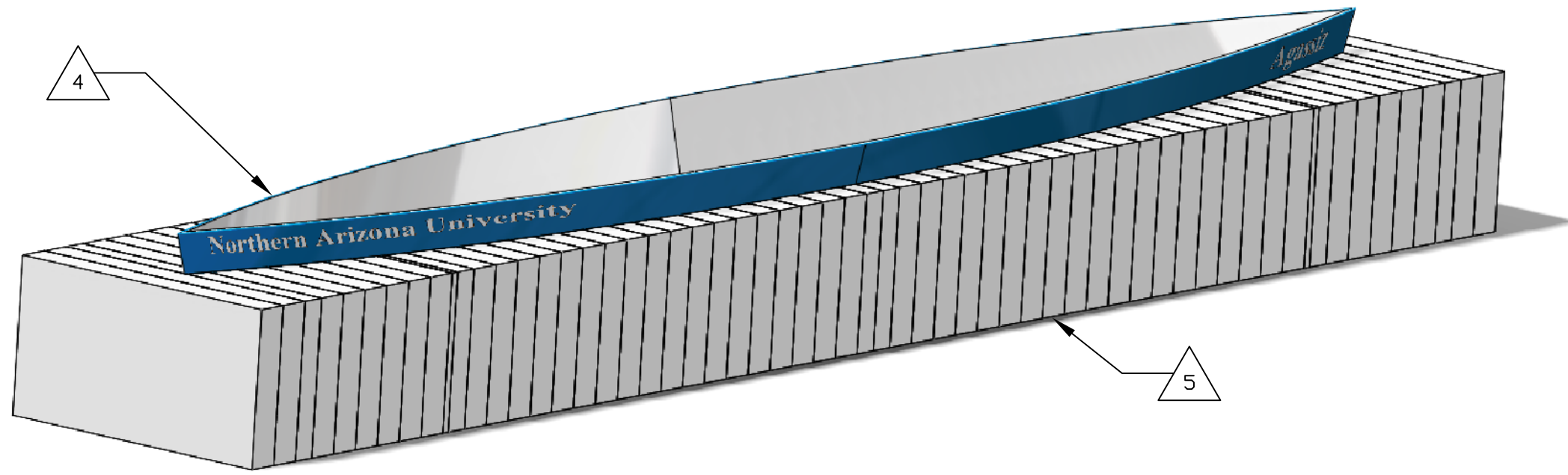
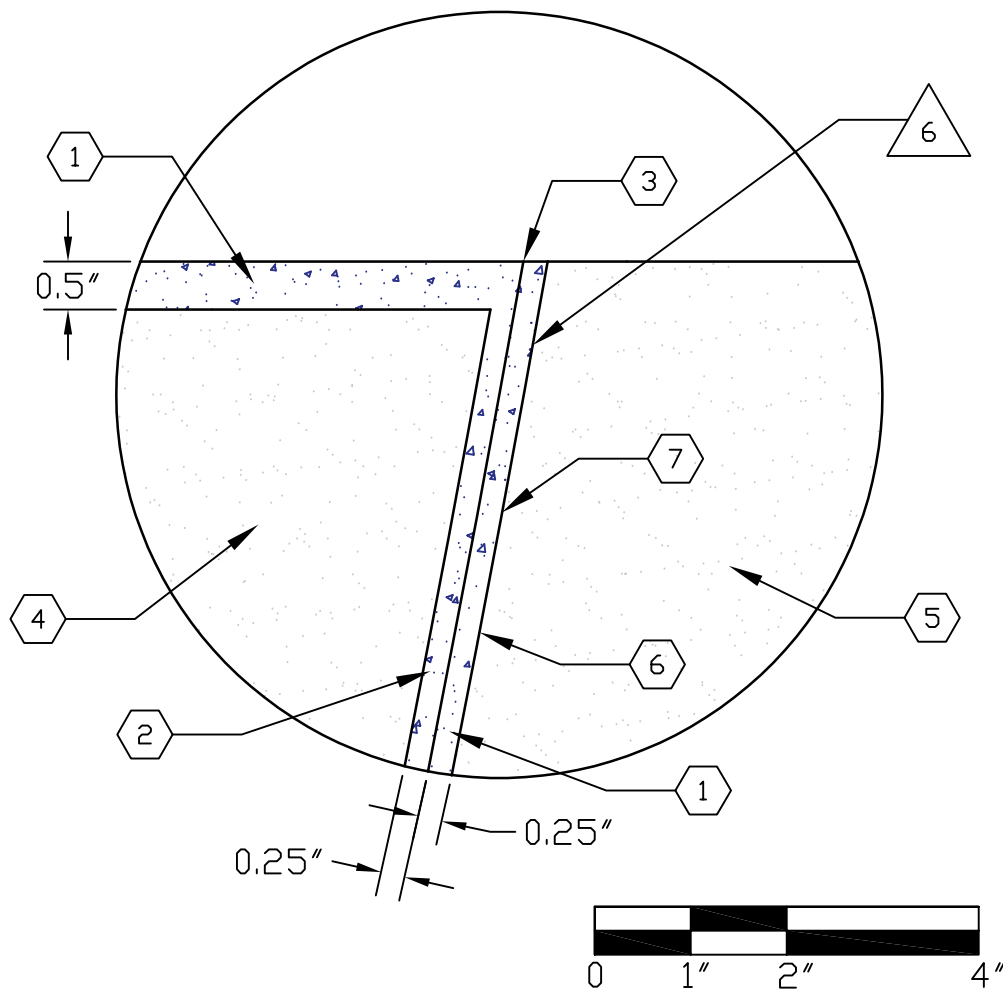


Isometric View

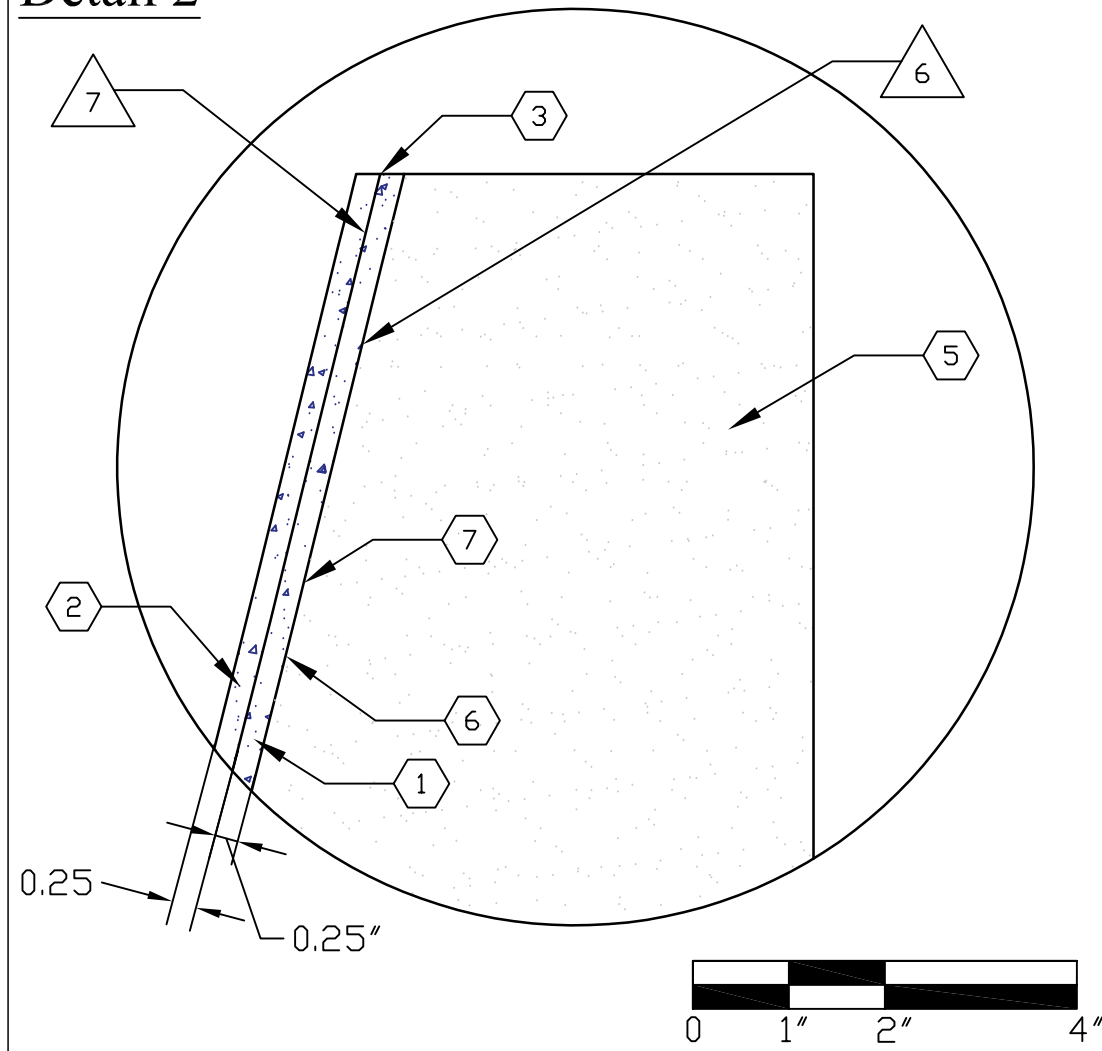


Not to Scale

Detail 1



Detail 2



Notes

- 1) Section A-1 is typ. for first 36 inches of canoe on both the bow and stern.
- 2) Section B-2 is typ. for interior of canoe between the Bulkheads.
- 3) Mold is displayed for section cuts to display construction practices.
- 4) Canoe has been lifted from the mold to demonstrate the difference in the mold and the canoe.
- 5) Mold is split up into 4" sections for constructability purposes and to retain the designed shape
- 6) Liquid Rubber is applied to the mold for protection, and then the release is applied.
- 7) A retarder admixture has been added to the concrete for a slower set time. This will decrease the possibility of delaminating between the layers

Bill of Materials

- 1) Concrete Mix (Stated within the report), Blue
- 2) Concrete Mix (Stated within the report), White
- 3) Basalt Mesh
- 4) Expanded Polystyrene (EPS) High Density Foam for Bulkheads
- 5) EPS High Density Foam Mold
- 6) Liquid Rubber
- 7) Petroleum Based Gel (used as release agent)

SHEET

2 of 2

Northern Arizona University
College of Engineering, Informatics,
and Applied Sciences



NO.	DATE	COMMENTS

DRAWN BY: Sheridan Henderson
CHECKED BY: Logan Griffin
DATE: 1/27/2020
SCALE: Refer to Drawings

2019 - 2020 Concrete Canoe
Isometric View / Details 1 & 2