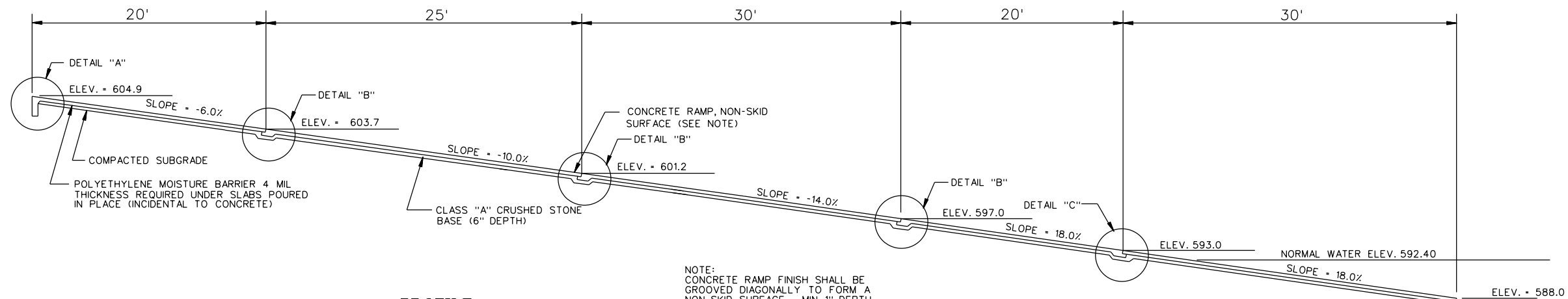


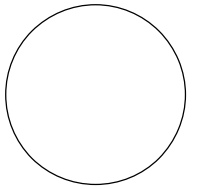
**PLAN**  
NOT TO SCALE



**PROFILE**  
NOT TO SCALE

NOTE:  
CONCRETE RAMP FINISH SHALL BE GROOVED DIAGONALLY TO FORM A NON-SKID SURFACE - MIN. 1" DEPTH, MAX. 2-1/2" BETWEEN GROOVES AND/OR AS DIRECTED BY THE INSPECTOR. ON RIVER RAMPS, GROOVES SHALL SLOPE TOWARDS DOWNSTREAM SIDE.

CONSULTANT:



**IOWA DEPARTMENT OF NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



**TYPICAL CROSS SECTIONS AND DETAILS**

BOAT RAMP REPLACEMENT AND KAYAK AREAS FOR:

**GEODE STATE PARK**

HENRY COUNTY

NO.	BY	REVISION

DRAWN BY: PROJECT NUMBER:  
20-06-44-03

CHK'D BY: DATE:

SHEET NO.:

**B.01**



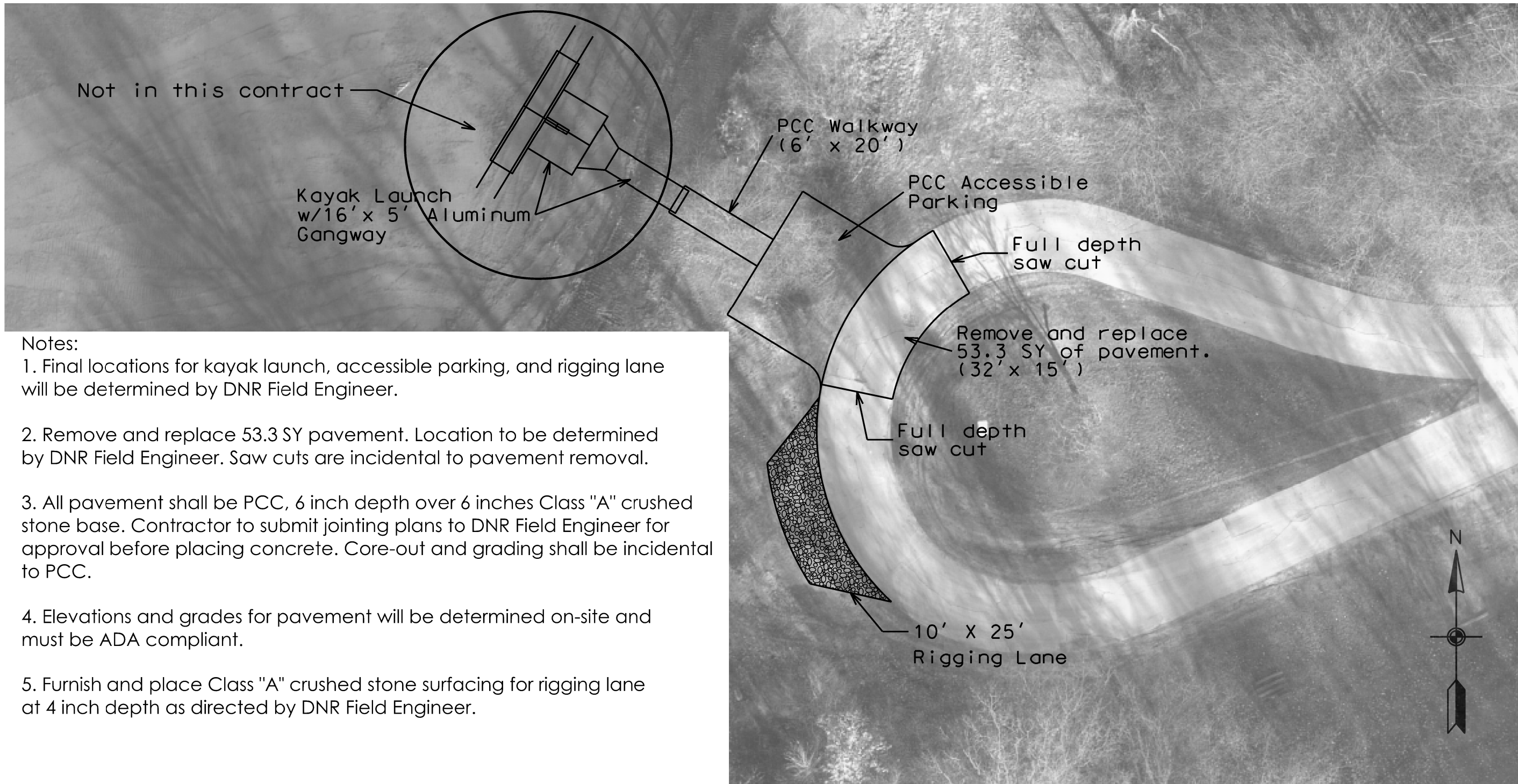






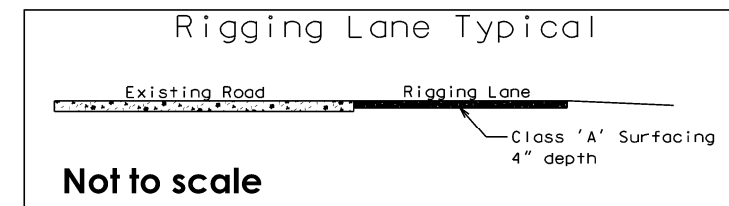
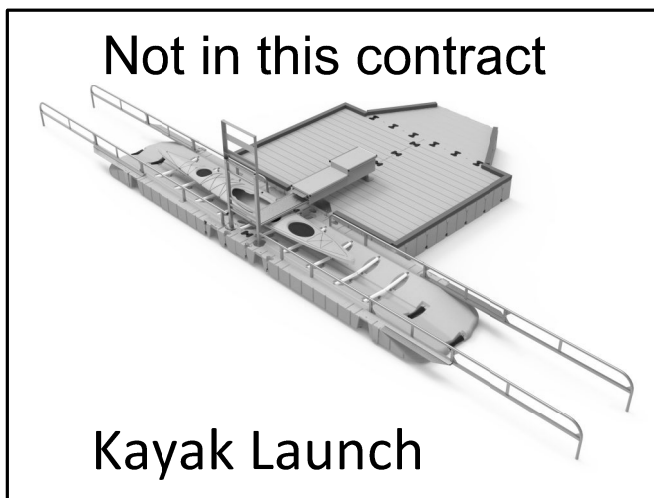
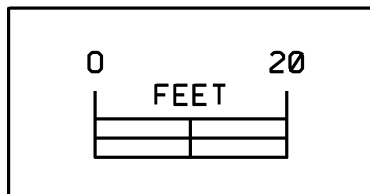




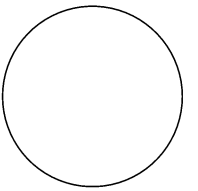


**Notes:**

1. Final locations for kayak launch, accessible parking, and rigging lane will be determined by DNR Field Engineer.
2. Remove and replace 53.3 SY pavement. Location to be determined by DNR Field Engineer. Saw cuts are incidental to pavement removal.
3. All pavement shall be PCC, 6 inch depth over 6 inches Class "A" crushed stone base. Contractor to submit jointing plans to DNR Field Engineer for approval before placing concrete. Core-out and grading shall be incidental to PCC.
4. Elevations and grades for pavement will be determined on-site and must be ADA compliant.
5. Furnish and place Class "A" crushed stone surfacing for rigging lane at 4 inch depth as directed by DNR Field Engineer.



CONSULTANT:



**IOWA DEPARTMENT OF NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



**KAYAK AREA SITE PLAN**

BOAT RAMP REPLACEMENT AND KAYAK AREAS FOR:

**GEODE STATE PARK**

HENRY COUNTY

NO.	DATE	REVISION

DRAWN BY: PROJECT NUMBER: 20-06-44-03

CHK'D BY: DATE:

SHEET No:

**D.03**