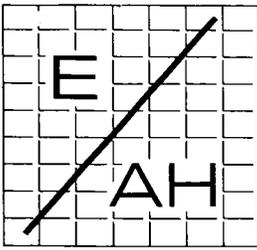


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LETTER REQUESTING APPROVAL OF TEMPORARY WELL POINT PERMIT ZONES A AND
H CNC CHARLESTON SC
6/3/1997
ENSAFE/ ALLEN AND HOSHALL



EnSafe / Allen & Hoshall

a joint venture for professional services

June 3, 1997

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Mr. Paul Bergstrand
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

**RE: Request for Approval of Temporary
Well Point Permits For Zones A and H
Naval Base Charleston, Charleston, South Carolina**

Dear Mr. Bergstrand:

This letter serves as a request to SCDHEC to issue well permits for additional temporary well points for Zones A and H at Naval Base Charleston. Zone-specific descriptions are described below:

Zone A

Per Project Team discussions, approximately six additional groundwater samples will be collected from three temporary wells using direct push technology (DPT) in the vicinity of AOC 506 (Building 1629 Flammable Storage Shelter). The proposed three well points are shown on the attached drawing. For well point NBCA506GP003, soil will be sampled continuously from 15 feet below ground surface (BGS) to approximately 35 BGS (the approximate top of the Ashley Formation) to construct a stratigraphic profile. The stratigraphic profile will be used to select the appropriate groundwater sample depths. E/A&H suspects that the marsh clay present at about 15 feet BGS across most of the base is absent in this area. Two groundwater samples will be obtained from each of the three sampling points, at approximately 15 feet BGS and at the top of the Ashley Formation or the marsh clay, which is encountered first.

Zone H

Per Project Team discussions, eight additional groundwater screening samples will be collected using DPT in the vicinity of AOC 667/SWMU 138 (Vehicle Maintenance Area/Satellite Accumulation Area). All samples will be obtained from the interface of the surficial sand and the underlying marsh clay, which lies approximately 15 feet BGS. Refer to the attached drawing for the proposed locations of the temporary well points.

Mr. Paul Bergstrand
June 3, 1997
Page 2

Additionally, two temporary wells will be installed using hand auger methodology in the vicinity of AOC 659 (Diesel Storage). Traditional drill-rig monitoring well installation is not practical at AOC 659 due to the presence of a berm around the unit. All samples will be obtained from the interface of the surficial sand and the underlying marsh clay, which lies approximately 15 feet BGS. Refer to the attached drawing for the proposed locations of the temporary well points.

This submittal fulfills the requirements for notification to SCDHEC as stated in the *South Carolina Well Standards and Regulations Document R.61-71*. All temporary wells will be installed by a state-licensed well driller. The subcontractor is scheduled to initiate DPT activities on June 16, 1997.

If you have any questions, comments or need additional information, please do not hesitate to call me at (803) 884-0029. We look forward to hearing from you soon on this matter.

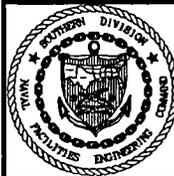
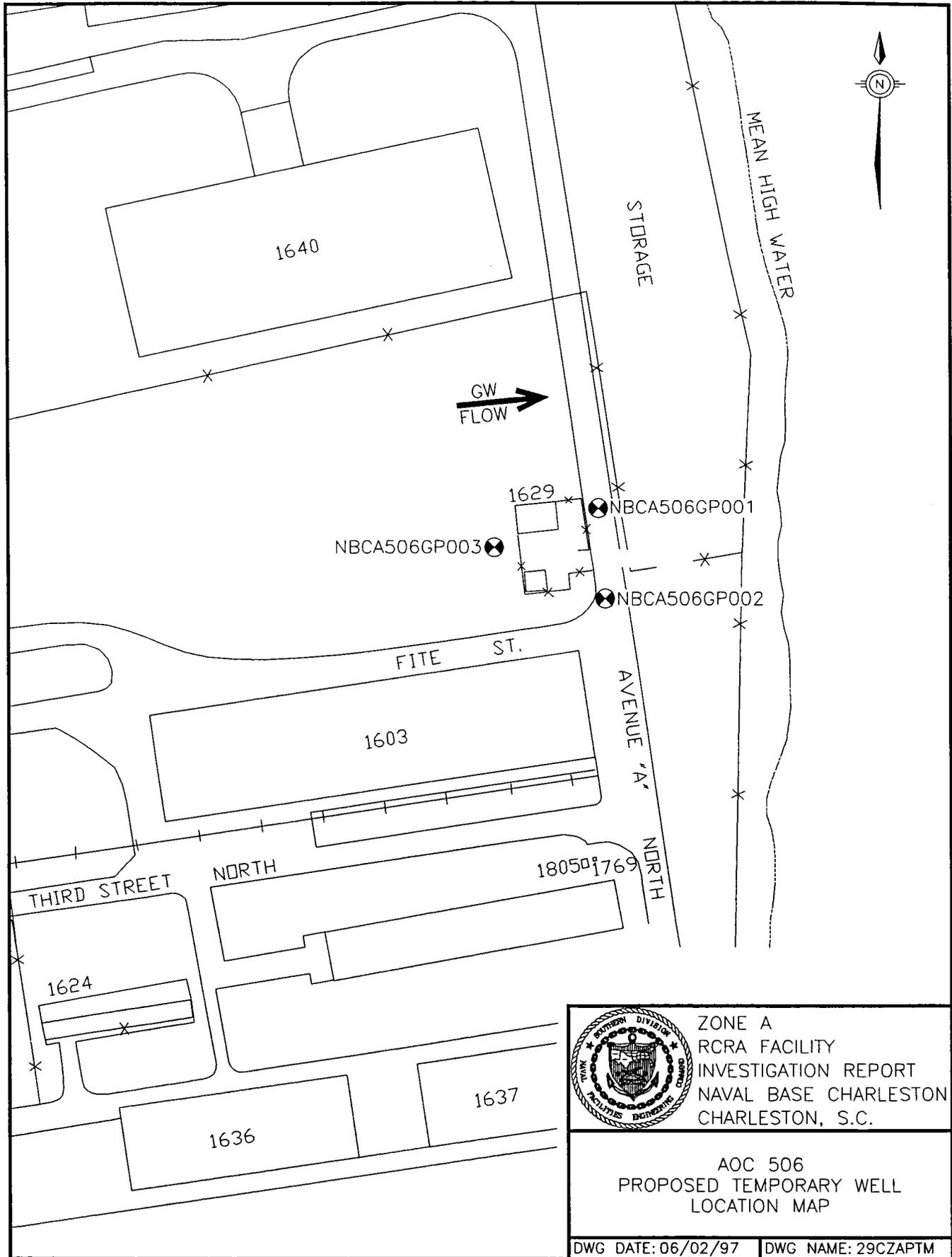
Sincerely,

EnSafe/Allen & Hoshall



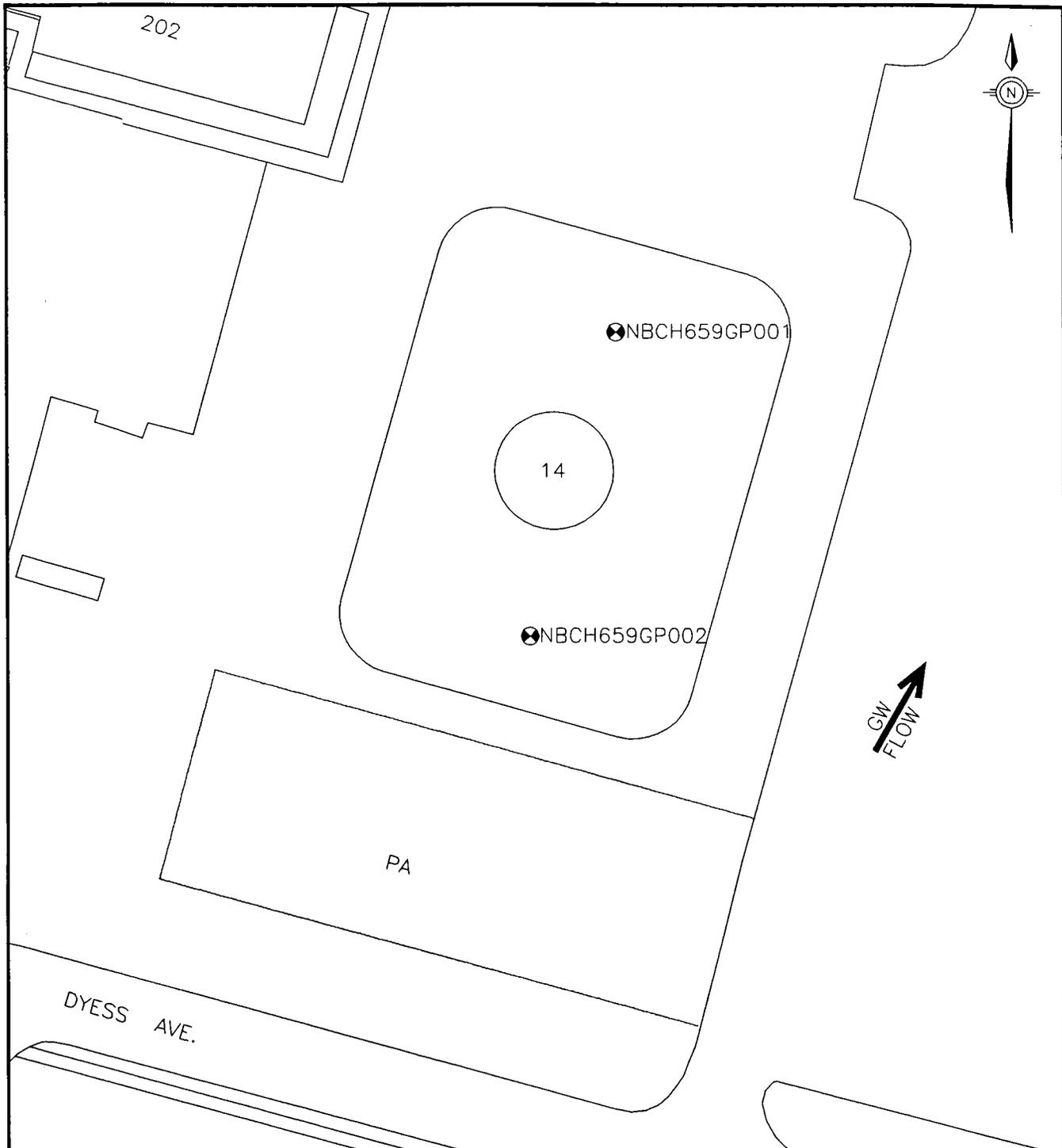
By: Robert A. Maddux, Jr., P.E.
Project Engineer

cc: Todd Haverkost, EnSafe
Tony Hunt, SOUTHDIV
Billy Drawdy, CSO
Jay Bassett, USEPA Region IV
CTO-2901, 2901-08420 file
CTO-2908, 2908-08420 file



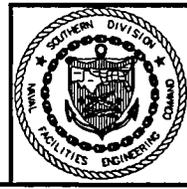
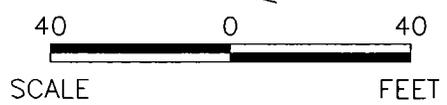
ZONE A
 RCRA FACILITY
 INVESTIGATION REPORT
 NAVAL BASE CHARLESTON
 CHARLESTON, S.C.

AOC 506
 PROPOSED TEMPORARY WELL
 LOCATION MAP



LEGEND

⊗ - PROPOSED TEMPORARY WELL LOCATION

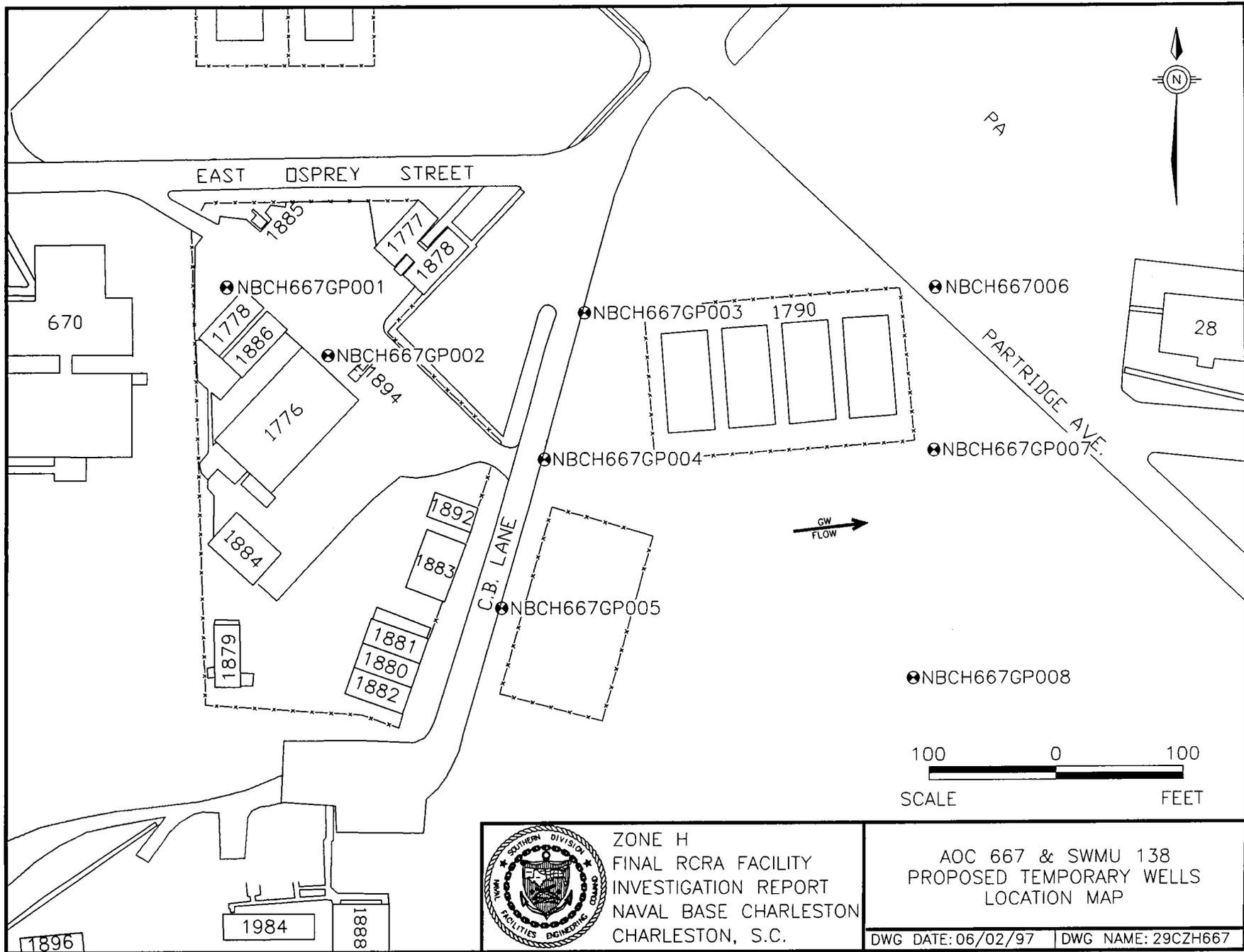


ZONE H
FINAL RCRA FACILITY
INVESTIGATION REPORT
NAVAL BASE CHARLESTON
CHARLESTON, S.C.

AOC 659
PROPOSED TEMPORARY WELL
LOCATION MAP

DWG DATE: 0602/97

DWG NAME: 29CHZH02



ZONE H
 FINAL RCRA FACILITY
 INVESTIGATION REPORT
 NAVAL BASE CHARLESTON
 CHARLESTON, S.C.

AOC 667 & SWMU 138
 PROPOSED TEMPORARY WELLS
 LOCATION MAP

DWG DATE: 06/02/97 | DWG NAME: 29CZH667