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MCRD PARRIS ISLAND  
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LETTER REGARDING U S NAVY REQUEST FOR U S EPA REVIEW OF PROPOSED  
PROJECT FOR DEMOLITION OF BUILDING 200 NEAR SITE 45 WITH ATTACHMENTS  
MCRD PARRIS ISLAND SC  
12/3/2007  
MCRD PARRIS ISLAND



## UNITED STATES MARINE CORPS

MARINE CORPS RECRUIT DEPOT/EASTERN RECRUITING REGION  
P.O. BOX 19001  
PARRIS ISLAND, SOUTH CAROLINA 29905-9001

5090/10.1

NREAO

December 3, 2007

Ms. Lila Llamas  
Senior Remedial Project Manager  
Federal Facilities Branch  
Waste Management Division  
U.S. Environmental Protection Agency  
Atlanta Federal Center  
Atlanta, GA 30303-8960

RE: Demolition of Building 200, Temporary Lodging Facility

Dear Ms. Llamas,

Marine Corps Recruit Depot Parris Island is planning to demolish Building 200, the former Temporary Lodging Facility located at the intersection of Samoa and Panama Streets. The building location is shown on enclosure (1). Since this site is located in the vicinity of Site/SWMU 45, we are asking you to review and comment on this project. We would like to begin this demolition in January of 2008.

This two-story concrete masonry and brick veneer facility was constructed in 1982. It is 15,365 square feet in size and has concrete floors and exterior concrete balconies and wood framed pitched roof with shingle roofing.

The proposed demolition consists of demolishing the building and the first floor concrete slab and underlying concrete masonry unit support walls down to concrete grade beams located at a depth of 32 inches. Existing wood piles and the grade beams are to remain in place. Additionally, the duplex sanitary pump station and vault will be removed and all water and sewer lines would be capped in place. The demolition site will be backfilled with clean fill material from offsite. The area will be grassed by seeding or sod and any other needed erosion measures will be provided. Existing groundwater monitoring wells are to remain protected and undisturbed. The details of these demolition activities are shown on enclosure (2), Building 200 TLF Site Plan, and enclosure (3), Building Elevations and Sections from the "as built drawings". Enclosures (4) and (5) provide detailed drawings of a typical wall cross-section. That wall cross-section shows the subsurface foundation features and the depth to which the site will be disturbed.

Building 200 is near Site/SWMU 45. In addition, Building 200 is located approximately 300 feet west of Site 8/AOC A. The proposal to demolish this structure was considered by the Tier 1 Partnering Team and it was their initial opinion that demolition of this structure would not negatively impact groundwater conditions at Site/SWMU 45. Further, we do not anticipate the demolition will either impact Site 8/AOC A or impacted by Site 8/AOC A.

The concrete slab, sub-slab vapors and soil gases, building materials and underlying soils may contain hazardous levels of toxic materials. Testing for worker safety and waste characterization is required and the contractor doing this work will be required to provide a work plan that addresses these issues.

Request your review and consideration of the proposed project and the attached drawings.

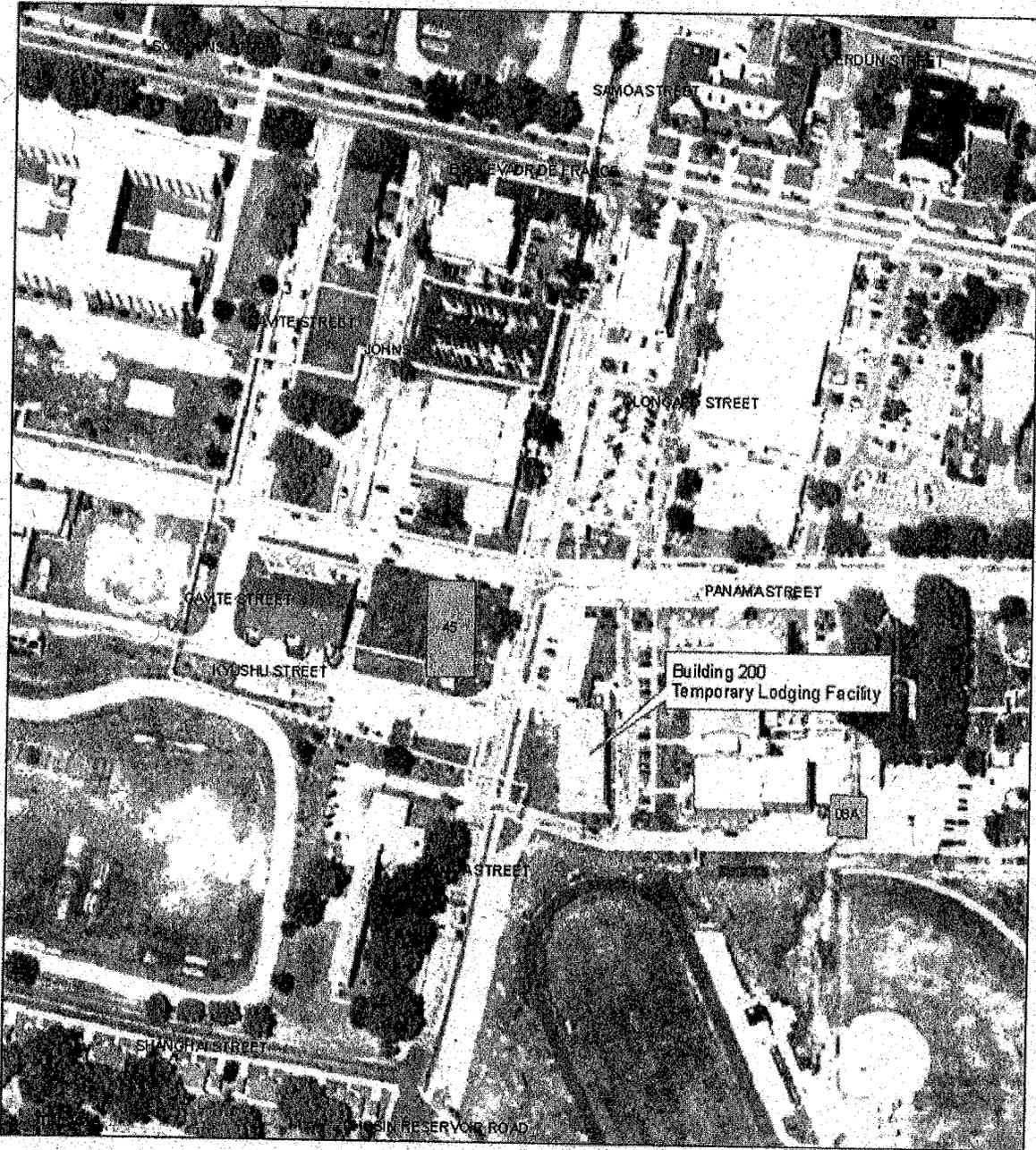
Should you have any questions, please contact Dr. D. Heber Pittman at (843) 228-3615.



C. D. HENDERSON  
Colonel, USMC  
By direction of the  
Commanding General

- Enclosures:
1. Map of Building 200 Location
  2. Building 200 TLF site plan
  3. Building Elevations and Sections
  4. S-1, First Floor and Foundation Plan
  5. Detail 4 from S-1

# Demolition of Building 200 (TLF) in Vicinity of Site 45



## Legend

 IR Sites

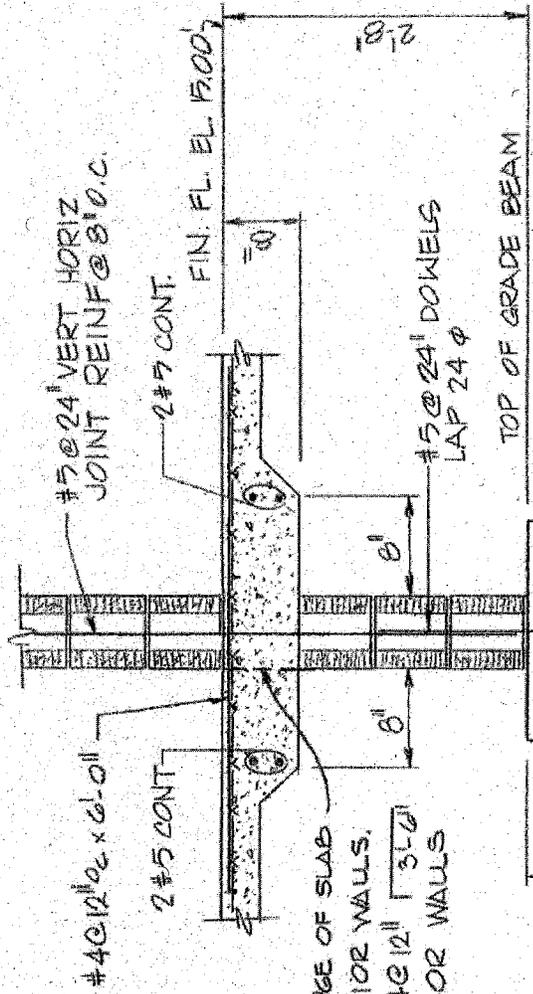
220 110 0 220 Feet



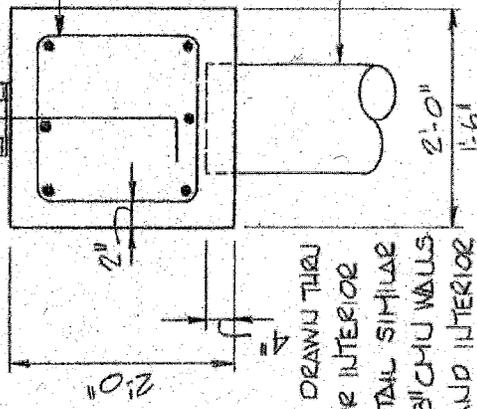
Enclosure (1)







NOTE: EDGE OF SLAB  
AT EXTERIOR WALLS.  
HOOK #4 @ 12" @ 3L @  
@ EXTERIOR WALLS



NOTE: SECTION DRAWN THRU  
8" CMU WALL FOR INTERIOR  
CONDITION. DETAIL SIMILAR  
FOR 4" BRICK-8" CMU WALLS  
AT EXTERIOR AND INTERIOR

SEE ELEVATIONS FOR  
REINFORCING IN GRADE BEAM

CONCRETE:  $f_c' = 3000$  PSI @ 28 DAYS  
NORMAL WEIGHT

REINF: A615 GRADE 60

20 TON TIMBER PILE. PILE LENGTH  
40.00' DRIVEN TO TIP ELEVATION -29.00'

4 SECTION THRU GRADE BEAM