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NSWC CRANE  
5090.3a



DEPARTMENT OF THE NAVY

CRANE DIVISION  
NAVAL SURFACE WARFARE CENTER  
300 HIGHWAY 361  
CRANE, INDIANA 47522-5000

IN REPLY REFER TO:

5090

Ser 095/7104

04 JUN 1997

U.S. Environmental Protection Agency, Region V  
Waste, Pesticides, & Toxics Division  
Waste Management Branch  
Illinois, Indiana, and Michigan Section  
Attn: Ms. Carol Witt-Smith (DRP-8J)  
77 West Jackson Blvd.  
Chicago, IL 60604

Dear Ms. Witt-Smith:

Crane Division, Naval Surface Warfare Center (NAVSURFWARCENDIV Crane) submits for review two copies of the design drawings for the installation of pumps in the sumps at Building 146, Solid Waste Management Unit 16/16, as enclosure (1). This design includes rerouting the building downspouts and plugging the floor drains. A Water Pollution Control Facility Construction Permit from the Indiana Department of Environmental Management will be required prior to installation of the pumps. Enclosure (2) is the required certification statement.

NAVSURFWARCENDIV Crane point of contact is Mr. Thomas J. Brent, Code 09510, telephone 812-854-6160.

Sincerely,

A handwritten signature in dark ink, appearing to read "G. K. G. L.", written over a faint, illegible typed name.

Encl:

- (1) Drawing 6523, Rework Drains B-146
- (2) Certification Statement

Copy to: (w/o encls)  
ADMINISTRATIVE RECORD  
COMNAVSEASYS COM (SEA OOT)  
SOUTHNAVFACENGC COM (Code 1864)

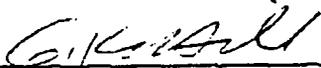
Install a sump pump in Sump #1 and a sump pump in Sump #2. Install a 2.5 inch diameter schedule 40 PVC pipe connect the new sump pump in Sump #2 to the existing 2.5 inch diameter PVC pipe under ground which drains to Manhole No. 182. Install a 2.5 diameter schedule 40 PVC pipe 3.5 feet long from Sump #1 to Manhole No. 181. See trench details.

Install a 2.5 inch diameter schedule 40 PVC pipe to connect to the new 6 inch diameter down spout drain under the dock. The new 2.5 inch PVC pipe shall extend up through an approx. 5 inch hole in the floor of Building 146 to 18 inches above the floor. The top of the pipe shall be secured to the concrete wall with a pipe anchor. The foundation wall has a 6 inch by 12 inch opening in it to allow the PVC pipe to extend through above the floor. The end of the pipe above the floor shall be reduced to 1.5 inch diameter and have a McMaster Carr or equal A adapter with male threads installed on it. The Contractor shall supply a McMaster Carr or equal C coupler and a dust cap to fit the A adapter sized for 1.5 inch diameter pipe.

Seal up existing floor drains in B-146 with concrete grout.

|                      |             |  |                 |                                      |    |
|----------------------|-------------|--|-----------------|--------------------------------------|----|
| PWO DWG REF          |             | DEPARTMENT OF THE NAVY                                       |                 | NAVAL FACILITIES ENGINEERING COMMAND |    |
| PWO DRAWING NO.      |             | <b>NAVAL WEAPONS SUPPORT CENTER</b><br><b>CRANE, INDIANA</b> |                 |                                      |    |
| 6523                 |             |  |                 |                                      |    |
| DESIGNED BY          | TR, LW, GFS | REWORK DRAINS B-146  |                 |                                      |    |
| DRAWN BY             | TR, LW, GFS |  |                 |                                      |    |
| CHECKED BY           |             |  |                 |                                      |    |
| APPROVED BY          |             | SIZE   | CODE IDENT. NO. | NAVFAC DRAWING NO.                   |    |
|                      |             | F  | 80091           |                                      |    |
|                      |             |  |                 | CONSTR. CONTR. NO. N624              |    |
| PUBLIC WORKS OFFICER |             | SCALE AS NOTED   | SPEC. NO.       | SHEET                                | OF |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

14 JUN 8

\_\_\_\_\_  
DATE

5090  
Ser 095/7104

04 JUN 1997

Enclosure (1) Drawing 6523, Rework Drains  
B-146 is not included. The drawing is  
available upon request.