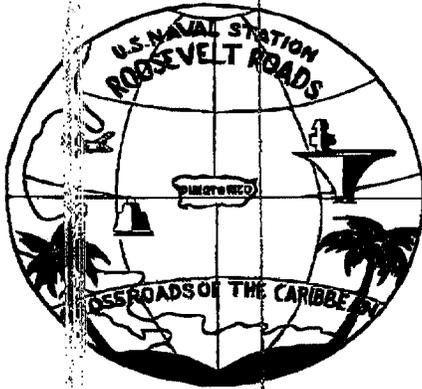


03.01-06/10/98-00619



FAX COVER SHEET

ENVIRONMENTAL ENGINEERING DIVISION
PUBLIC WORKS DEPARTMENT
BOX 3021, BUILDING 31
U.S. NAVAL STATION, ROOSEVELT ROADS
FPO AA, PR 34051-3021

(787)865-4429/3155
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| | |
|--|--|
| Total number of pages including cover: 3 | Date: June 10, 1998 |
| SUBJECT: MONITORING WELL DESIGN CHANGE | |
| From: Madeline Rivera Environmental Prog. Manager Code: N02C-A63 | To: Ms. LUZ A. MURIEL Company: EQB Fax: 787-767-8118 |

Hello Luz Amalis:

As discussed today, I am sending you the original design for the monitoring well installation, and the changed design. We discussed the changes with Tim Gordon, EPA, and he agreed with them.

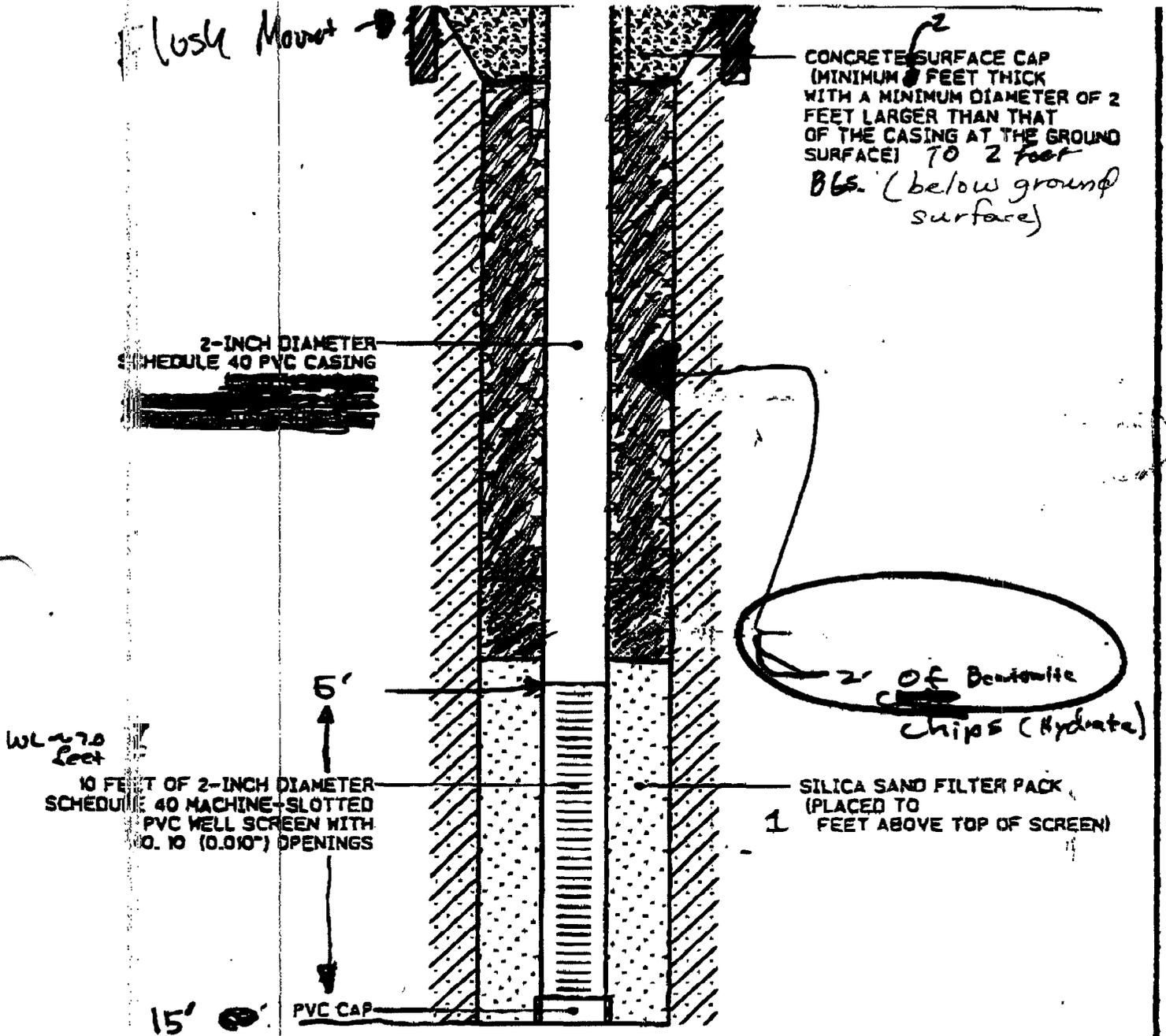
The changes are required since groundwater was found at 7 feet. The top of the screen will still be located two feet above the groundwater. The filter sand pack will be placed 1 foot above top of screen instead of 2 feet. The fine grained sand will be deleted. 2 feet of bentonite chips (hydrated) will be placed on top of the sand filter pack instead of 3 feet. Then the concrete cap, 2 feet thick. This well is flush due to its location.

Any questions, please call me.

Madeline Rivera

cc: Tim Gordon (EPA) -
cc: Tom Fuller (Baker) ✓
Chris Penny (LANTSDIV)

Monitoring Well RW-11 (changed design)



WL ~ 7.0 feet

2-INCH DIAMETER SCHEDULE 40 PVC CASING

CONCRETE SURFACE CAP (MINIMUM 2 FEET THICK WITH A MINIMUM DIAMETER OF 2 FEET LARGER THAN THAT OF THE CASING AT THE GROUND SURFACE) TO 2 feet BLS. (below ground surface)

2' OF Bentonite Chips (Hydrate)

1 SILICA SAND FILTER PACK (PLACED TO FEET ABOVE TOP OF SCREEN)

10 FEET OF 2-INCH DIAMETER SCHEDULE 40 MACHINE-SLOTTED PVC WELL SCREEN WITH 0.10 (0.010") OPENINGS

5'

15'

PVC CAP

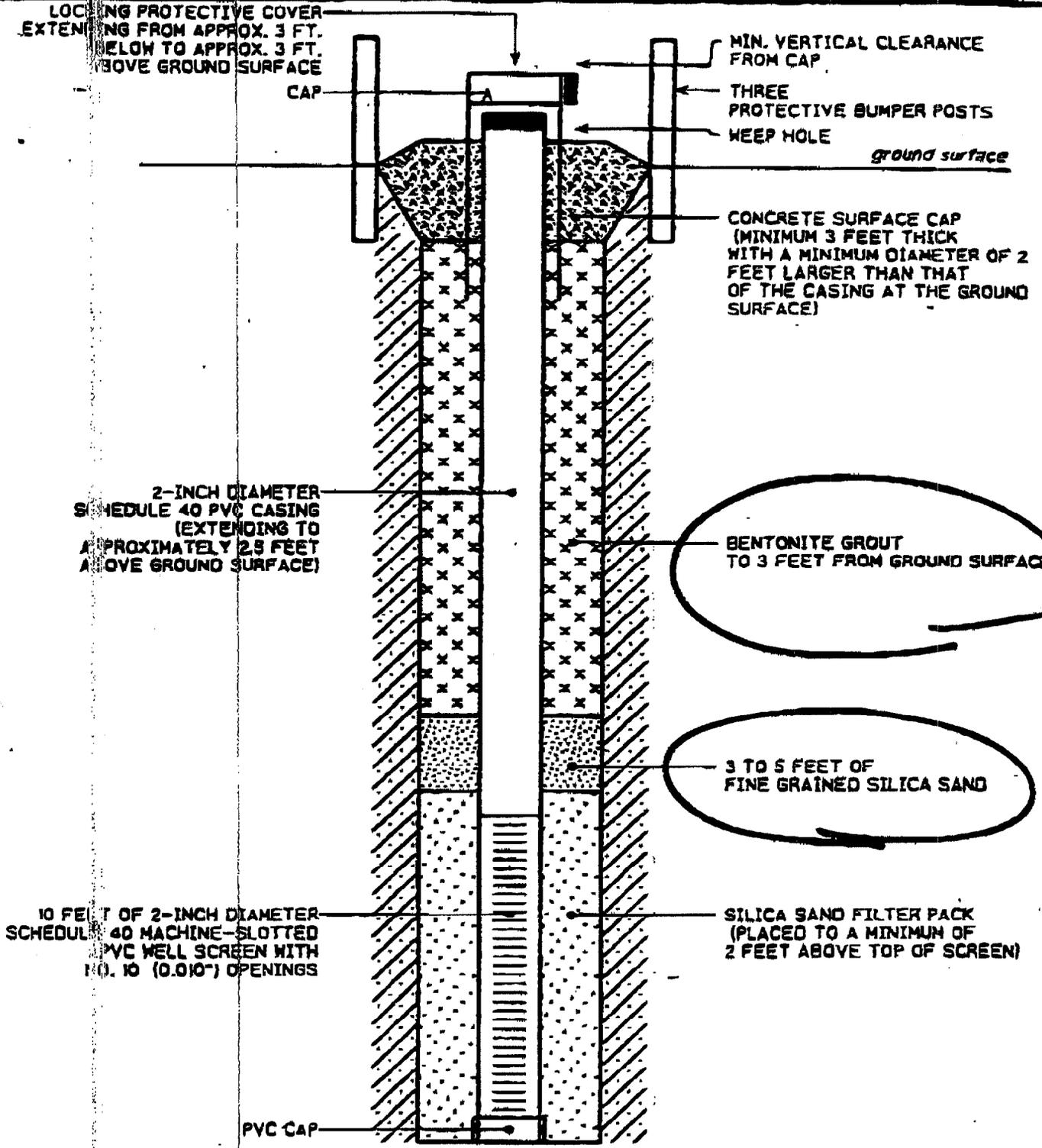
NOT TO SCALE

No. 3815 2/5

Burns & McDonnell Waste Consultants, Inc.

Figure 3-2
TYPICAL MONITORING WELL CONSTRUCTION DIAGRAM

14/04/98 16:32
BURNS MCDONNELL WASTE CONSULTANTS, INC. 816 822 3463
APR 14 1998 3:43PM



**Burns
&
McDonnell
Waste
Consultants,
Inc.**

**Figure 3-2
TYPICAL
MONITORING WELL
CONSTRUCTION DIAGRAM**

NOT TO SCALE
No. 3815 P. 2/5

APR 14 1998 3:43PM BURNS MCDONNELL WCI
14/04/98 16:32 816 822 3463