

DIAGRAM OF PROPOSED  
CONSTRUCTION SPECIFICATIONS

Straight-Screened  
or  
Gravel-Packed Well

(Constructed in unconsolidated formations)

Open-End Well

(Constructed in consolidated formations)

land surface

A) Casing:

1) Inner: Steel type 10" I. D. 40.483 lbs./ft.  
200 ft. (depth)          ft. (into rock)

2) Outer: Steel type 24" I. D. 93.509 lbs./ft.  
50 ft. (depth)

B) Cement:

1) Inner Casing:          ft. to 50 ft.

2) Outer Casing:          ft. to 47 ft. Rock

C) Screen(s): AlSi-304 type 10" I. D.  
         ft. to          ft.  
         ft. to          ft.

D) Gravel:          ft. to          ft.          in.  
(size)

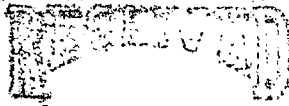
(Fill in each blank that applies and use appropriate diagram to show proposed construction including, but not limited to, casing (outer and inner), sealing material (cement, clay, etc.), packers, screens, gravel, chemical feed lines, etc.)

Rock

Location Diagram: (Previously prepared maps may be submitted provided they contain information required in item (g) of the application).

SEE ATTACHED DIAGRAM NAVFAC#4064850 FOR THE PROPOSED WELLS

(SEE WIRE FILE)



SEP 14 1962

WILMINGTON REGIONAL OFFICE

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66-0135-WC-0079

DIAGRAM OF PROPOSED  
CONSTRUCTION SPECIFICATIONS

Straight-Screened  
or  
Gravel-Packed Well

(Constructed in unconsolidated formations)

Open-End Well

(Constructed in consolidated formations)

land surface

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200 ft. (depth)          ft. (into rock)

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50 ft. (depth)

B) Cement:

1) Inner Casing:          ft. to 50 ft.

2) Outer Casing:          ft. to 47 ft. Rock

C) Screen(s): AISI-304 type 10" I. D.  
         ft. to          ft.  
         ft. to          ft. Rock

D) Gravel:          ft. to          ft.          in.  
(size)

(Fill in each blank that applies and use appropriate diagram to show proposed construction including, but not limited to, casing (outer and inner), sealing material (cement, clay, etc.), packers, screens, gravel, chemical feed lines, etc.)

Location Diagram: (Previously prepared maps may be submitted provided they contain information required in item (g) of the application).

SEE ATTACHED DIAGRAM NAVFAC/4064850 FOR THE PROPOSED WELLS

(SEE WIDO FILE)

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SEP 14 1964

WILMINGTON REGIONAL OFFICE  
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66-0135-WC-0080

DIAGRAM OF PROPOSED  
CONSTRUCTION SPECIFICATIONS

Straight-Screened

or

Gravel-Packed Well

(Constructed in unconsolidated formations)

Open-Ended Well

(Constructed in consolidated formations)

land surface

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1) Inner: Steel type 10" I. D. 40.483 lbs./ft.  
200 ft. (depth)          ft. (into rock)

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50 ft. (depth)

B) Cement:

1) Inner Casing:          ft. to 50 ft.

2) Outer Casing:          ft. to 47 ft. Rock

C) Screen(s): AISI-304 type 10" I. D.  
         ft. to          ft.  
         ft. to          ft.

D) Gravel:          ft. to          ft.          in.  
(size)

(Fill in each blank that applies and use appropriate diagram to show proposed construction including, but not limited to, casing (outer and inner), sealing material (cement, clay, etc.), packers, screens, gravel, chemical feed lines, etc.)

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SEE ATTACHED DIAGRAM NAVFAC#4064850 FOR THE PROPOSED WELLS

(SEE WIDO FILE)

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SEP 14 1966

WILMINGTON REGIONAL OFFICE  
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66-0135-WC-00081

NORTH CAROLINA  
ENVIRONMENTAL MANAGEMENT COMMISSION  
DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT  
RALEIGH, NORTH CAROLINA

PERMIT FOR THE CONSTRUCTION OF A WELL OR WELL SYSTEM

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In accordance with the provisions of Article 7, Chapter 87, North Carolina General Statutes, and other applicable Laws, Rules and Regulations.

PERMISSION IS HEREBY GRANTED TO

the United States Marine Corps

FOR THE CONSTRUCTION OF a public water supply well located one hundred feet from well HP-627 in Onslow County, in accordance with the application dated September 8, 1982 and in conformity with specifications and supporting data, all of which are filed with the Department of Natural Resources and Community Development and are considered a part of this Permit.

This Permit is for well construction only, and does not waive any provisions or requirements of the Water Use Act of 1967, or any other applicable laws or regulations.

Construction of a well under this Permit shall be in compliance with the North Carolina Well Construction Regulations and Standards, and any other laws and regulations pertaining to well construction.

This Permit will be effective from the date of its issuance until March 22, 1983 and shall be subject to other specified conditions, limitations, or exceptions as follows:

1. Advance notice of the pumping test date must be given to Rick Shiver (919) 256-4161 at least 24 hours before the start of the test.

Permit issued this the 21st day of September, 1982.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

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Charles Wakild, REGIONAL SUPERVISOR

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DIVISION OF ENVIRONMENTAL MANAGEMENT

By Authority of the Environmental Management Commission

PERMIT NO. 66-0135-WC-0082

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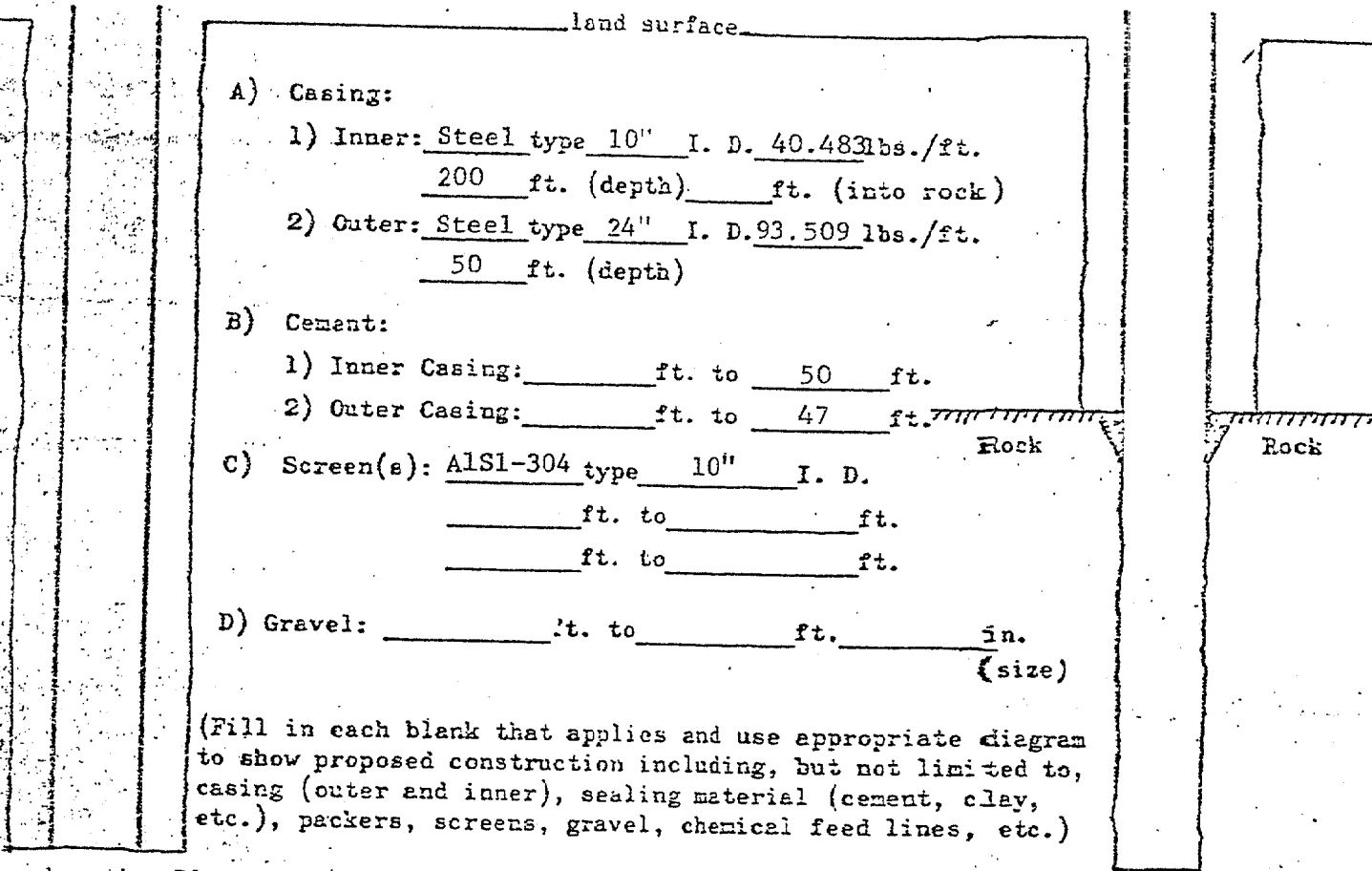
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CONSTRUCTION SPECIFICATIONS

Straight-Screened  
or  
Gravel-Packed Well

(Constructed in unconsolidated formations)

Open-End Well

(Constructed in consolidated formations)



Location Diagram: (Previously prepared maps may be submitted provided they contain information required in item (g) of the application).

SEE ATTACHED DIAGRAM NAVFAC#4064850 FOR THE PROPOSED WELLS

(SEE WIRD FILE)

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SEP 14 1966

WILMINGTON REGIONAL OFFICE

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66-0135-WC-0082

DIAGRAM OF PROPOSED  
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Straight-Screened  
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Gravel-Packed Well

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Open-End Well

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200 ft. (depth) \_\_\_\_\_ ft. (into rock)

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\_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
\_\_\_\_\_ ft. to \_\_\_\_\_ ft. Rock

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(size)

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SEE ATTACHED DIAGRAM NAVFAC#4064850 FOR THE PROPOSED WELLS

(SEE W100 FILE)

WILMINGTON REGIONAL OFFICE

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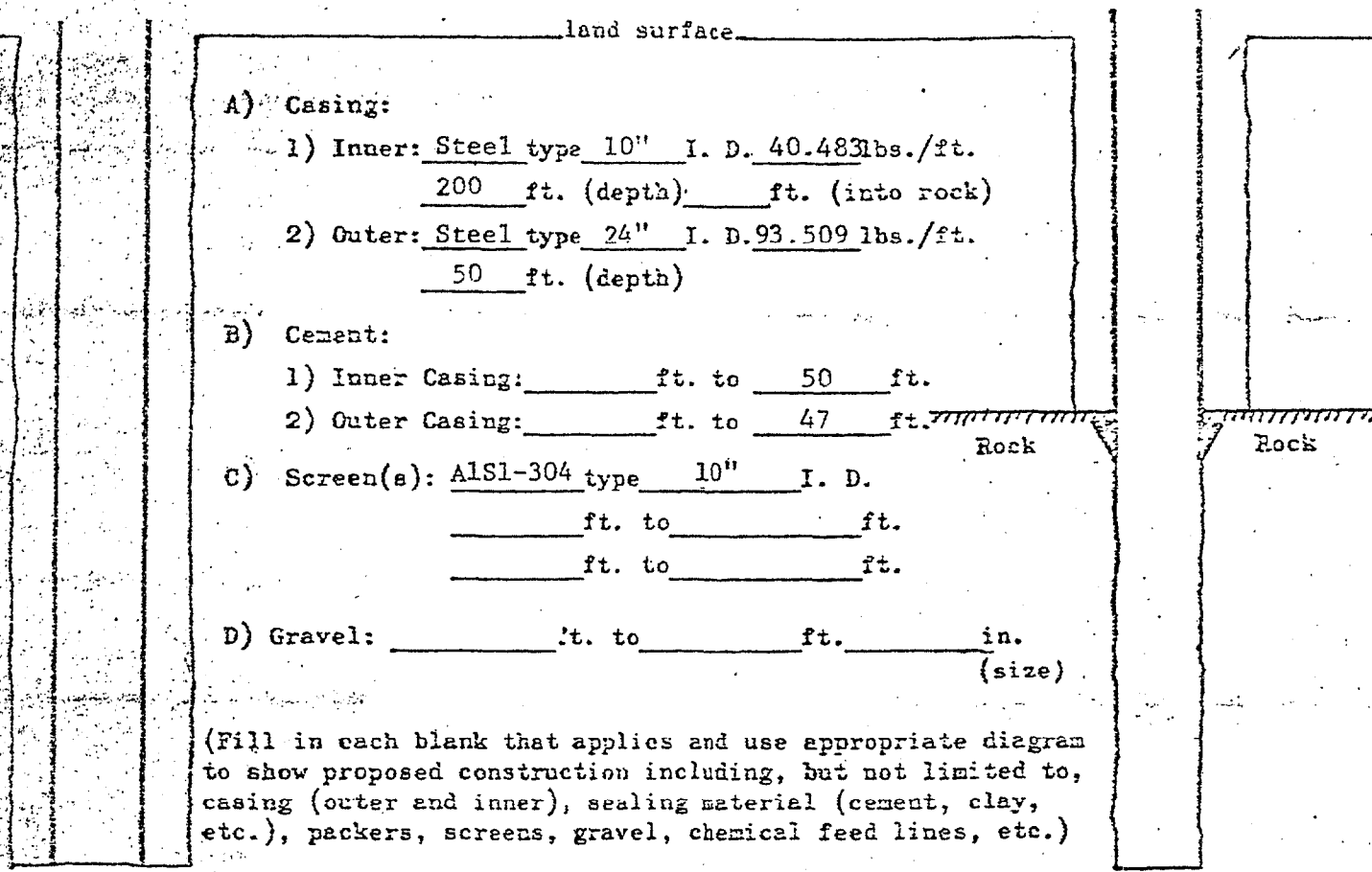
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Straight-Screened  
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(Constructed in unconsolidated formations)

Open-End Well

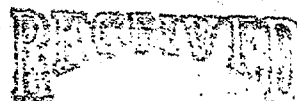
(Constructed in consolidated formations)



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SEE ATTACHED DIAGRAM NAVFAC#4064850 FOR THE PROPOSED WELLS

(SEE W120 FILE)



SEP 14 1962

WILMINGTON REGIONAL OFFICE

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66-0135-WC-0084

DIAGRAM OF PROPOSED  
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Straight-Screened  
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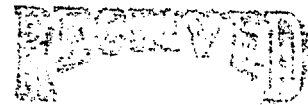
D) Gravel: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. \_\_\_\_\_ in.  
(size)

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SEE ATTACHED DIAGRAM NAVFAC#4064850 FOR THE PROPOSED WELLS

SEE WIDO FILE



SEP 14 1982

WILMINGTON REGIONAL OFFICE

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66-0135-WC-0085