

FILE FOLDER

DESCRIPTION ON TAB:

11331.1 Well Permit

Applications 1984

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11331,1 WELL PERMIT APPLICATIONS (83)
1984

OPEN

CLOSED

JANUARY - 1986 - DESTROY ✓
SECNAVINST 5215.5B Part II
Chap 11, par. 11300(2) 2 years

MAIN/WRP/rn
4101

Mr. Charles Wakild
Regional Supervisor
Department of Natural Resources
& Community Development
Division of Environmental Management
7225 Wrightsville Avenue
Wilmington, North Carolina 28403

Dear Mr. Wakild:

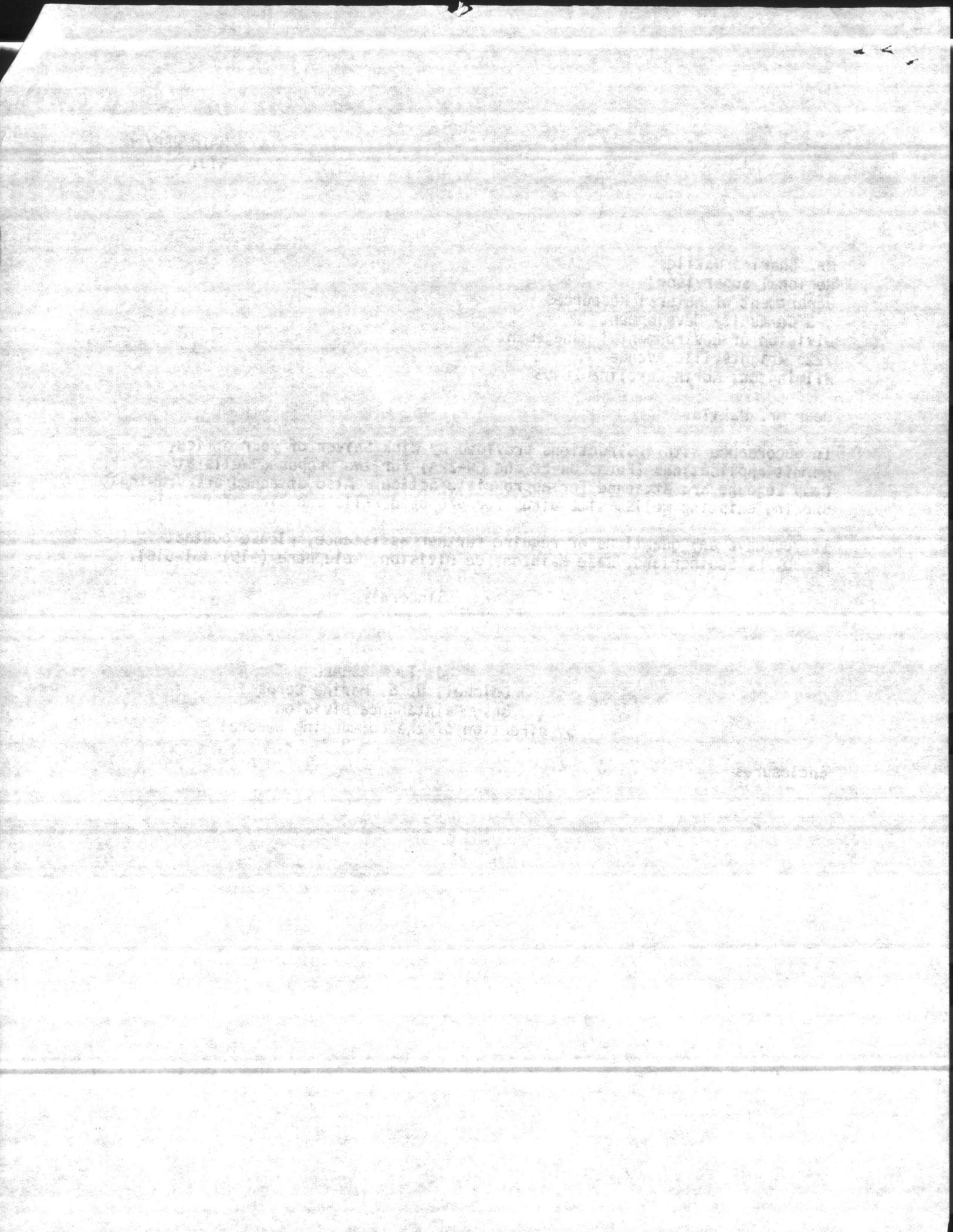
In accordance with instructions provided by Rick Shiver of your office, permit applications (Forms GM-22 and GM-22A) for two proposed wells at Camp Lejeune are attached for appropriate action. Also attached are drawings showing existing wells, site plans for proposed wells and plans for wells.

If you have any questions or require further assistance, please contact Mr. D. L. Southerland, Base Maintenance Division, telephone (919) 451-5161.

Sincerely,

J. T. MARSHALL
Colonel, U. S. Marine Corps
Base Maintenance Division
By direction of the Commanding General

Enclosures



APPLICATION FOR PERMIT TO CONSTRUCT A WELL

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 13 April, 19 84

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U. S. Marine Corps, Camp Lejeune, North Carolina for a permit to construct

(name of well owner)

a well as described below and in the accompanying data submitted as a part of this application.

(a) Name of Property owner U. S. Marine Corps

(b) Location of Property Hadnot Point Camp Lejeune Onslow
(Road, Community, Subdivision, Lot No.) Town County

(c) Purpose of well Potable Water Supply

(d) Will proposed well replace an existing well Yes (H. P. 612)

(e) Total capacity of existing system: 5 MGD gallons per day

<u>Well No.</u>	<u>Yield</u>	<u>Well No.</u>	<u>Yield</u>
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Diagram of Proposed Construction and Existing Water Wells Attached

_____	_____	_____	_____
_____	_____	_____	_____

(f) Proposed well:

Construction type Gravel Packed (open end, screened, gravel packed, etc.)

Estimated depth 200 ft Estimated Yield 250 GPM

Estimated date of construction: Begin April 84 Complete April 85

(g) Drilling Contractor: Carolina Well & Pump Company

(h) Location of Well: Provide a detailed map showing the location of the proposed well and any wells in the existing system to at least two (2) nearby reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. Show all existing water supply wells within a radius of 1,000 feet of the proposed well.

(i) Well Construction Diagram: Provide a diagram showing proposed construction specification. (See Form GW-22A)

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit.

U.S Marine Corps
Marine Corps Base
Camp Lejeune, N.C. 28542
(Mailing Address of Well Owner (Required)

(SAME)

J. T. MARSHALL
Signature of Well Owner or Agent

_____ Mailing Address of Agent

Base Maintenance Officer
Title

PERMIT NO. _____ issued _____ 19 _____

M. C. Johnson, Col. USMC

Assistant Chief of Staff, Facilities

APPLICATION FOR PERMIT TO CONSTRUCT A WELL

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 13 April, 19 84

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U. S. Marine Corps, Camp Lejeune, North Carolina for a permit to construct

(name of well owner)

a well as described below and in the accompanying data submitted as a part of this application.

- (a) Name of Property owner U. S. Marine Corps
- (b) Location of Property Hadnot Point Camp Lejeune Onslow
(Road, Community, Subdivision, Lot No.) Town County
- (c) Purpose of well Potable Water Supply
- (d) Will proposed well replace an existing well yes (H. P. 626)
- (e) Total capacity of existing system: 5 MGD gallons per day

Well No.

Yield

Well No.

Yield

Diagram of Proposed Construction and Existing Water Wells Attached

(f) Proposed well:

Construction type Gravel Packed (open end, screened, gravel packed, etc.)

Estimated depth 200 ft. Estimated Yield 250 GPM

Estimated date of construction: Begin April 84 Complete April 85

- (g) Drilling Contractor: Carolina Well & Pump Company
- (h) Location of Well: Provide a detailed map showing the location of the proposed well and any wells in the existing system to at least two (2) nearby reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. Show all existing water supply wells within a radius of 1,000 feet of the proposed well.
- (i) Well Construction Diagram: Provide a diagram showing proposed construction specification. (See Form GW-22A)

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit.

U. S. Marine Corps

Marine Corps Base

Camp Lejeune, N.C. 28542

(Mailing Address of Well Owner (Required

(Same)

J. T. MARSHALL

Mailing Address of Agent

Signature of Well Owner or Agent

Base Maintenance Officer

Title

PERMIT NO. _____ issued _____ 19 _____

10

THE UNIVERSITY OF CHICAGO

ASSOCIATE CHAIR OF PHYSICS

DIAGRAM OF PROPOSED
CONSTRUCTION SPECIFICATIONS

Straight-Screened

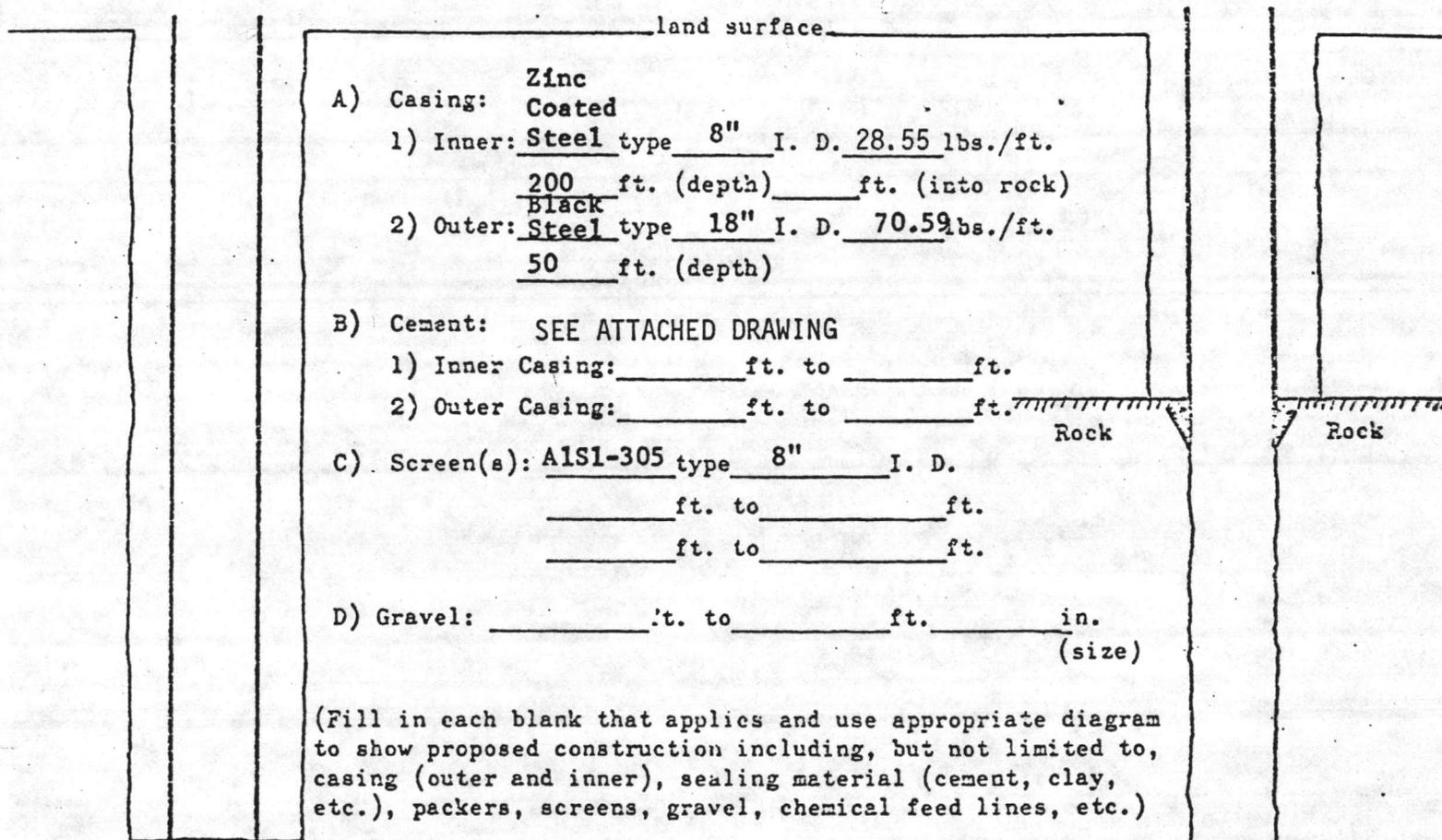
or

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 #4080706 FOR THE TWO PROPOSED WELLS.

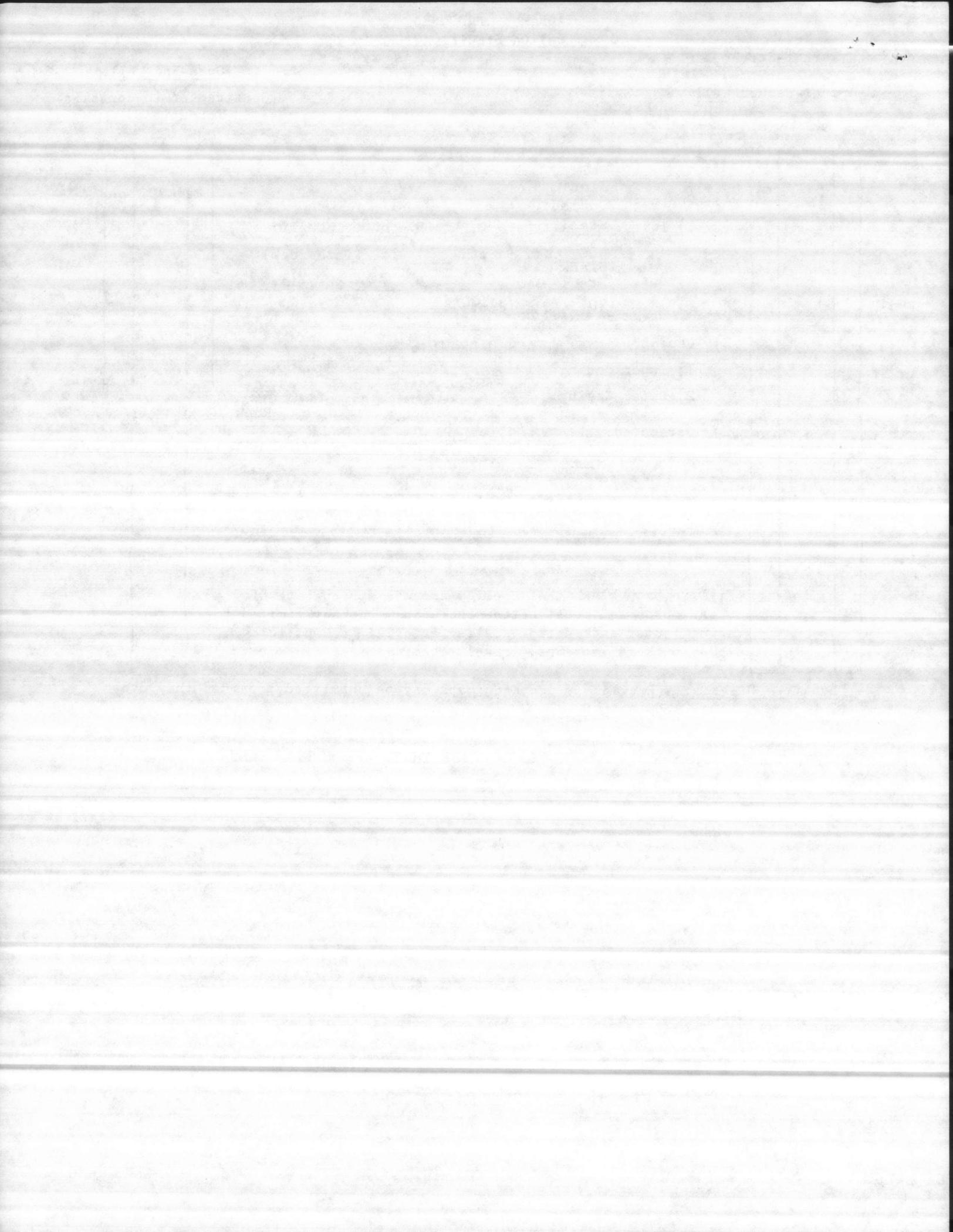


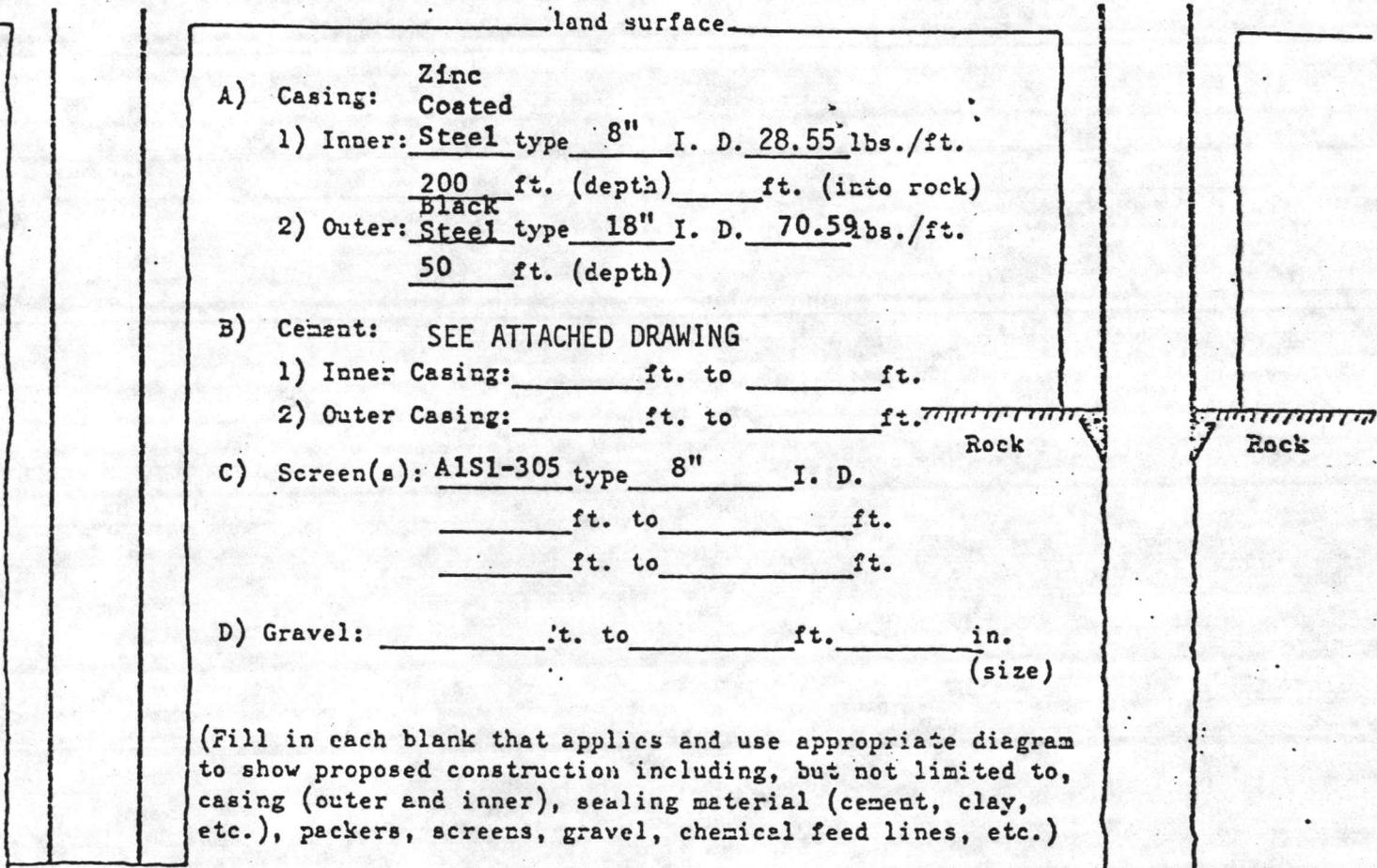
DIAGRAM OF PROPOSED
CONSTRUCTION SPECIFICATIONS

Straight-Screened
or
Gravel-Packed Well

(Constructed in unconsolidated formations)

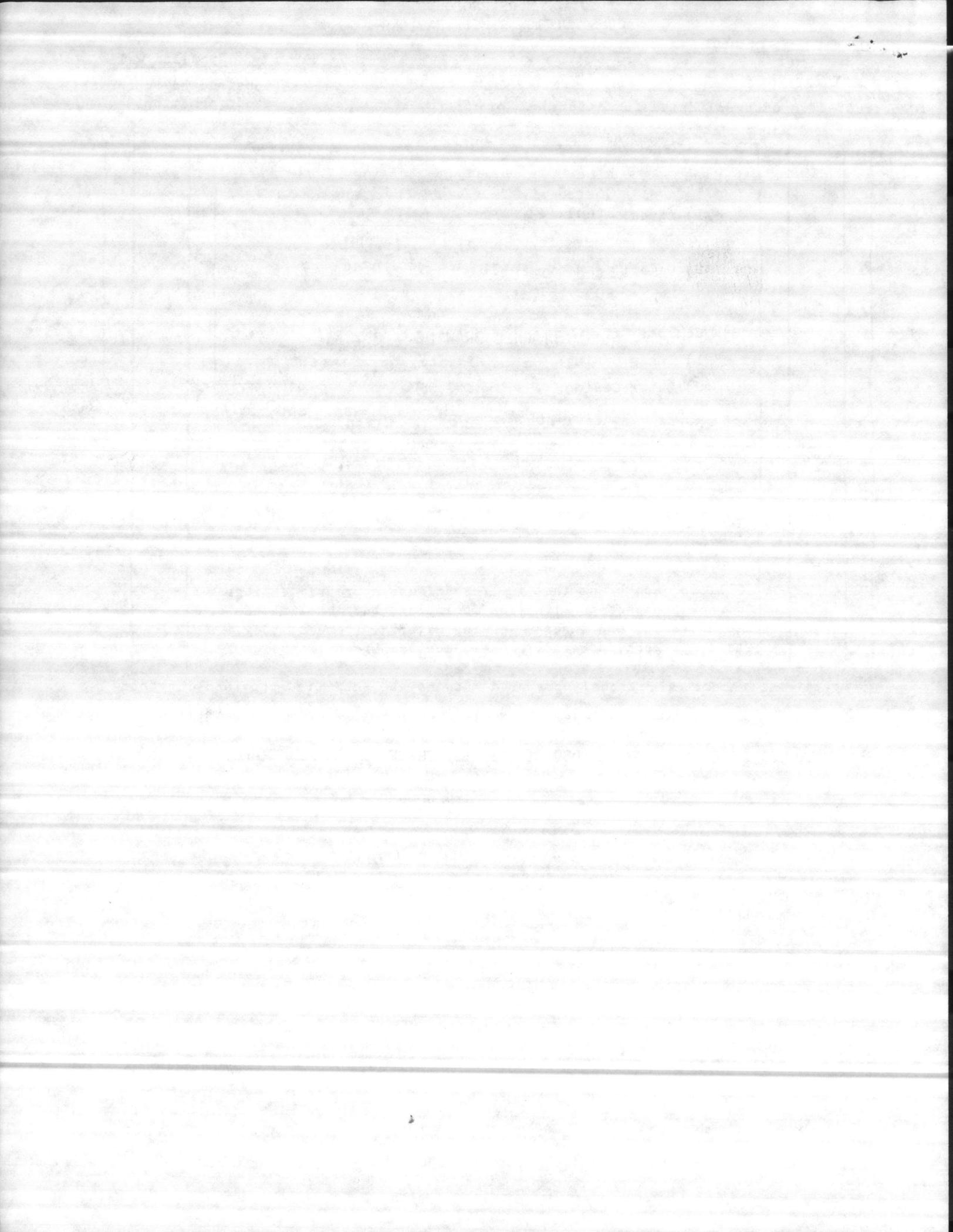
Open-End Well

(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 #4080706 FOR THE TWO PROPOSED WELLS.



APPLICATION FOR PERMIT TO CONSTRUCT A WELL

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 16 September, 1980

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U. S. Marine Corps, Camp Lejeune, North Carolina for a permit to construct a well as described below and in the accompanying data submitted as a part of this application.

- (a) Name of Property owner U. S. Marine Corps
- (b) Location of Property Marine Corps Air Station(H) Camp Lejeune Onslow
(Road, Community, Subdivision, Lot No.) Town County
- (c) Purpose of well Potable Water Supply
- (d) Will proposed well replace an existing well Yes
- (e) Total capacity of existing system: 35 MGD gallons per day

<u>Well No.</u>	<u>Yield</u>	<u>Well No.</u>	<u>Yield</u>
<u>Diagram of Proposed Construction and Existing Water Wells Attached.</u>			
_____	_____	_____	_____
_____	_____	_____	_____

(f) Proposed well:

Construction type Gravel Packed (open end, screened, gravel packed, etc.)
Estimated depth 200 ft Estimated Yield 250 GPM
Estimated date of construction: Begin Oct-80 Complete Oct-81

- (g) Drilling Contractor: Carolina Well & Pump Company
- (h) Location of Well: Provide a detailed map showing the location of the proposed well and any wells in the existing system to at least two (2) nearby reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. Show all existing water supply wells within a radius of 1,000 feet of the proposed well.
- (i) Well Construction Diagram: Provide a diagram showing proposed construction specification. (See Form GW-22A)

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit.

U. S. Marine Corps
Marine Corps
Camp Lejeune, N. C. 28542
(Mailing Address of Well Owner (Required))

(SAME)
Mailing Address of Agent

K. P. MILLICE, JR., COLONEL, USMC
Signature of Well Owner or Agent

Assistant Chief of Staff, Facilities
Title

PERMIT NO. _____ issued _____ 19____

12

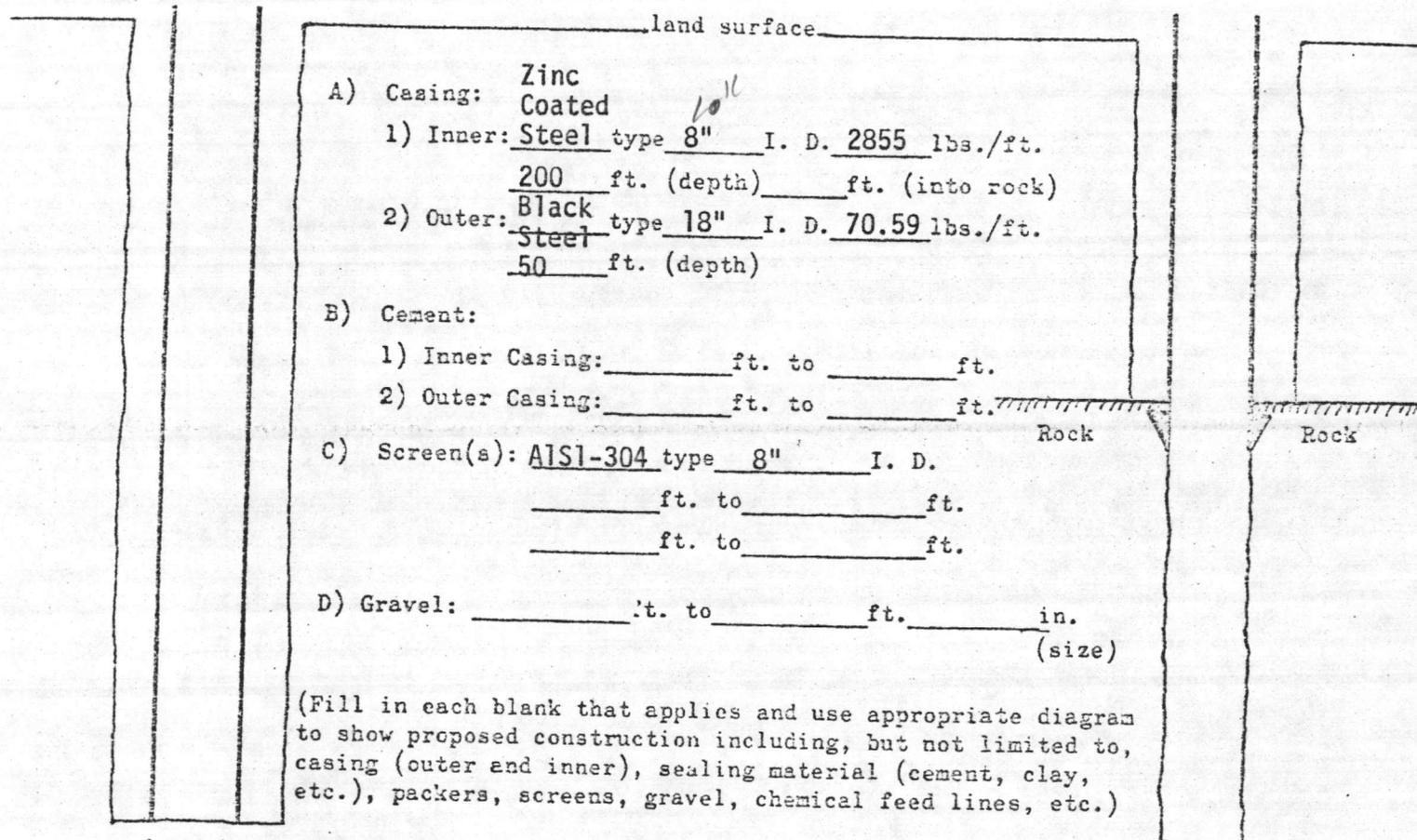
DIAGRAM OF PROPOSED
CONSTRUCTION SPECIFICATIONS

Straight-Screened
or
Gravel-Packed Well

Open-End Well

(Constructed in unconsolidated formations)

(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 #4049524 FOR THE FOUR PROPOSED WELLS.

11

APPLICATION FOR PERMIT TO CONSTRUCT A WELL

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 21 June, 19 83

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U. S. Marine Corps, Camp Lejeune, North Carolina for a permit to construct (name of well owner) a well as described below and in the accompanying data submitted as a part of this application.

- (a) Name of Property owner U. S. Marine Corps
- (b) Location of Property Courthouse Bay Camp Lejeune Onslow
(Road, Community, Subdivision, Lot No.) Town County
- (c) Purpose of well Potable Water Supply
- (d) Will proposed well replace an existing well Yes BB-43
- (e) Total capacity of existing system: 0.60 MGD gallons per day

<u>Well No.</u>	<u>Yield</u>	<u>Well No.</u>	<u>Yield</u>
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Diagram of Proposed Construction and Existing Water Wells Attached

(f) Proposed well:

Construction type Gravel Packed (open end, screened, gravel packed, etc.)

Estimated depth 200 ft Estimated Yield 250 GPM

Estimated date of construction: Begin March-83 Complete March-84

(g) Drilling Contractor: Carolina Well & Pump Company

(h) Location of Well: Provide a detailed map showing the location of the proposed well and any wells in the existing system to at least two (2) nearby reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. Show all existing water supply wells within a radius of 1,000 feet of the proposed well.

(i) Well Construction Diagram: Provide a diagram showing proposed construction specification. (See Form GW-22A)

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit.

U. S. Marine Corps
Marine Corps Base
Camp Lejeune, N.C. 28542
(Mailing Address of Well Owner (Required))

(SAME)

Mailing Address of Agent

J. T. MARSHALL, COLONEL, USMC
Signature of Well Owner or Agent

Assistant Chief of Staff, Facilities
Title

PERMIT NO. _____ issued _____ 19 _____

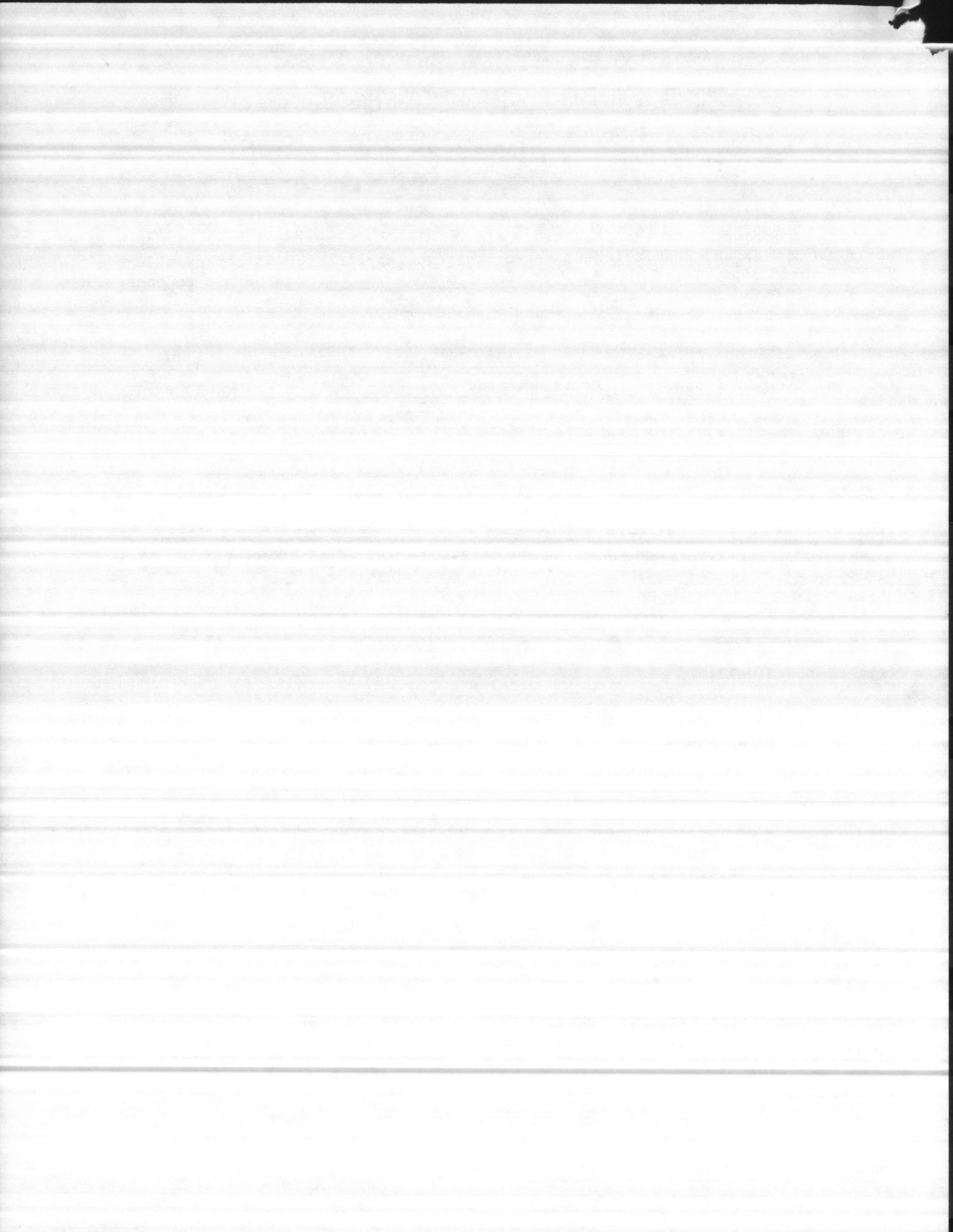


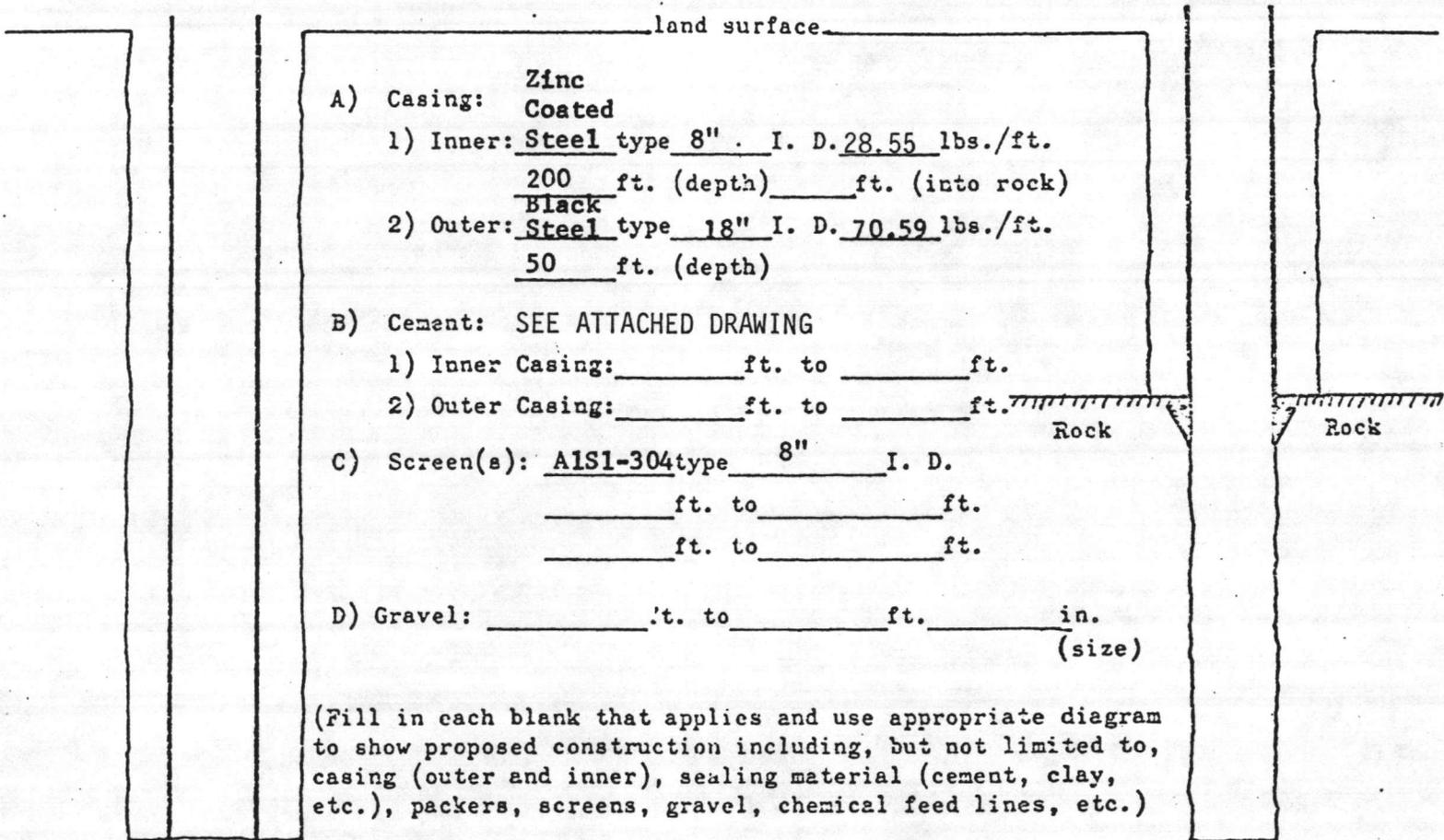
DIAGRAM OF PROPOSED
CONSTRUCTION SPECIFICATIONS

Straight-Screened
or
Gravel-Packed Well

(Constructed in unconsolidated formations)

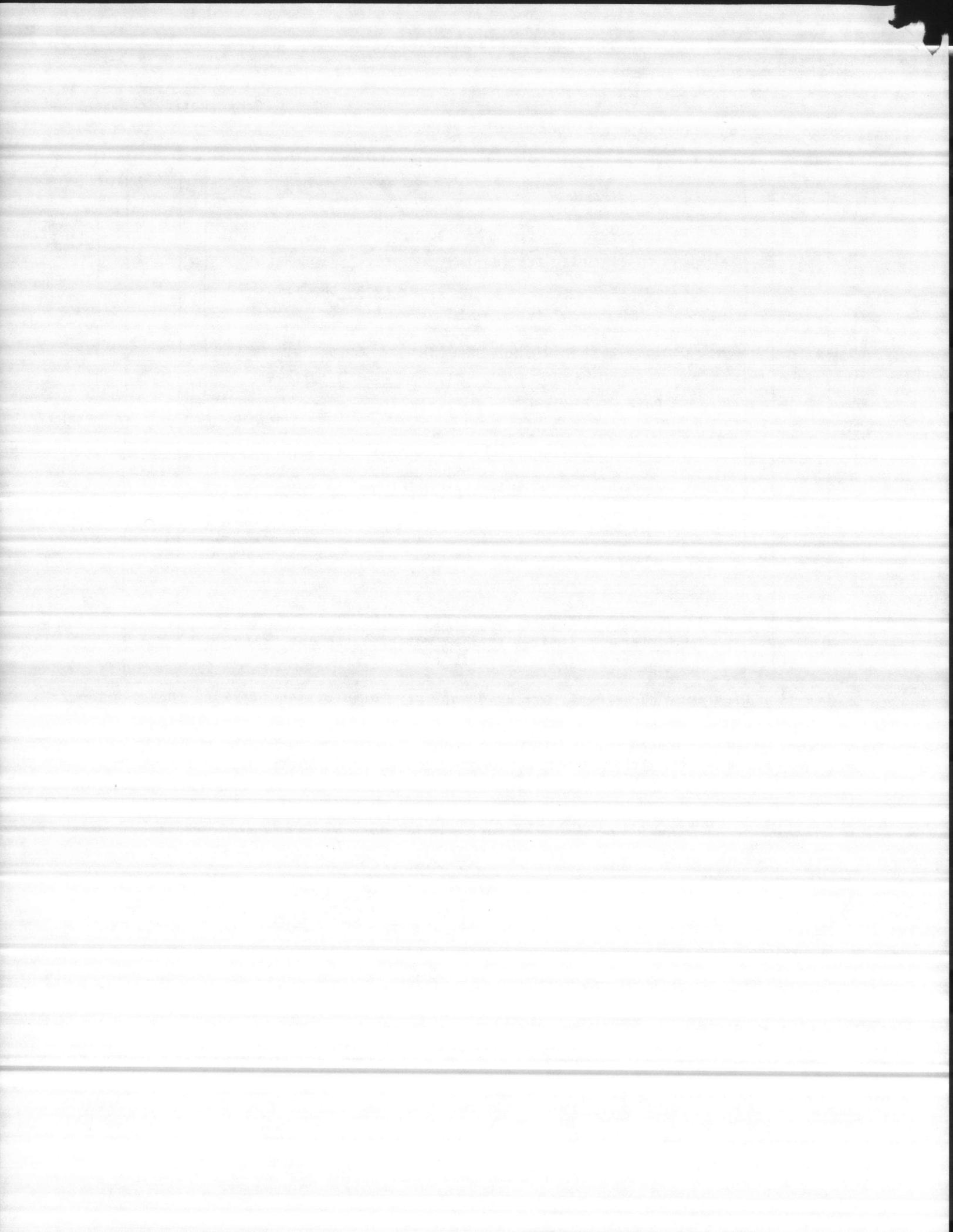
Open-End Well

(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 #4080706 FOR THE THREE PROPOSED WELLS.



APPLICATION FOR PERMIT TO CONSTRUCT A WELL

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 21 June, 19 83

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U. S. Marine Corps, Camp Lejeune, North Carolina for a permit to construct a well as described below and in the accompanying data submitted as a part of this application.

- (a) Name of Property owner U. S. Marine Corps
- (b) Location of Property Montford Point Camp Lejeune Onslow
(Road, Community, Subdivision, Lot No.) Town County
- (c) Purpose of well Potable Water Supply
- (d) Will proposed well replace an existing well Yes M-168
- (e) Total capacity of existing system: 0.75 MGD gallons per day

Well No. Yield Well No. Yield

Diagram of Proposed Construction and Existing Water Wells Attached.

- (f) Proposed well:
Construction type Gravel Packed (open end, screened, gravel packed, etc.)
Estimated depth 200 ft Estimated Yield 250 GPM
Estimated date of construction: Begin March-83 Complete March-84

- (g) Drilling Contractor: Carolina Well & Pump Company
- (h) Location of Well: Provide a detailed map showing the location of the proposed well and any wells in the existing system to at least two (2) nearby reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. Show all existing water supply wells within a radius of 1,000 feet of the proposed well.
- (i) Well Construction Diagram: Provide a diagram showing proposed construction specification. (See Form GW-22A)

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit.

U. S. Marine Corps
Marine Corps Base
Camp Lejeune, N.C. 28542
(Mailing Address of Well Owner (Required))

(SAME)

J. T. MARSHALL, COLONEL, USMC
Signature of Well Owner or Agent

Mailing Address of Agent

Assistant Chief of Staff, Facilities
Title

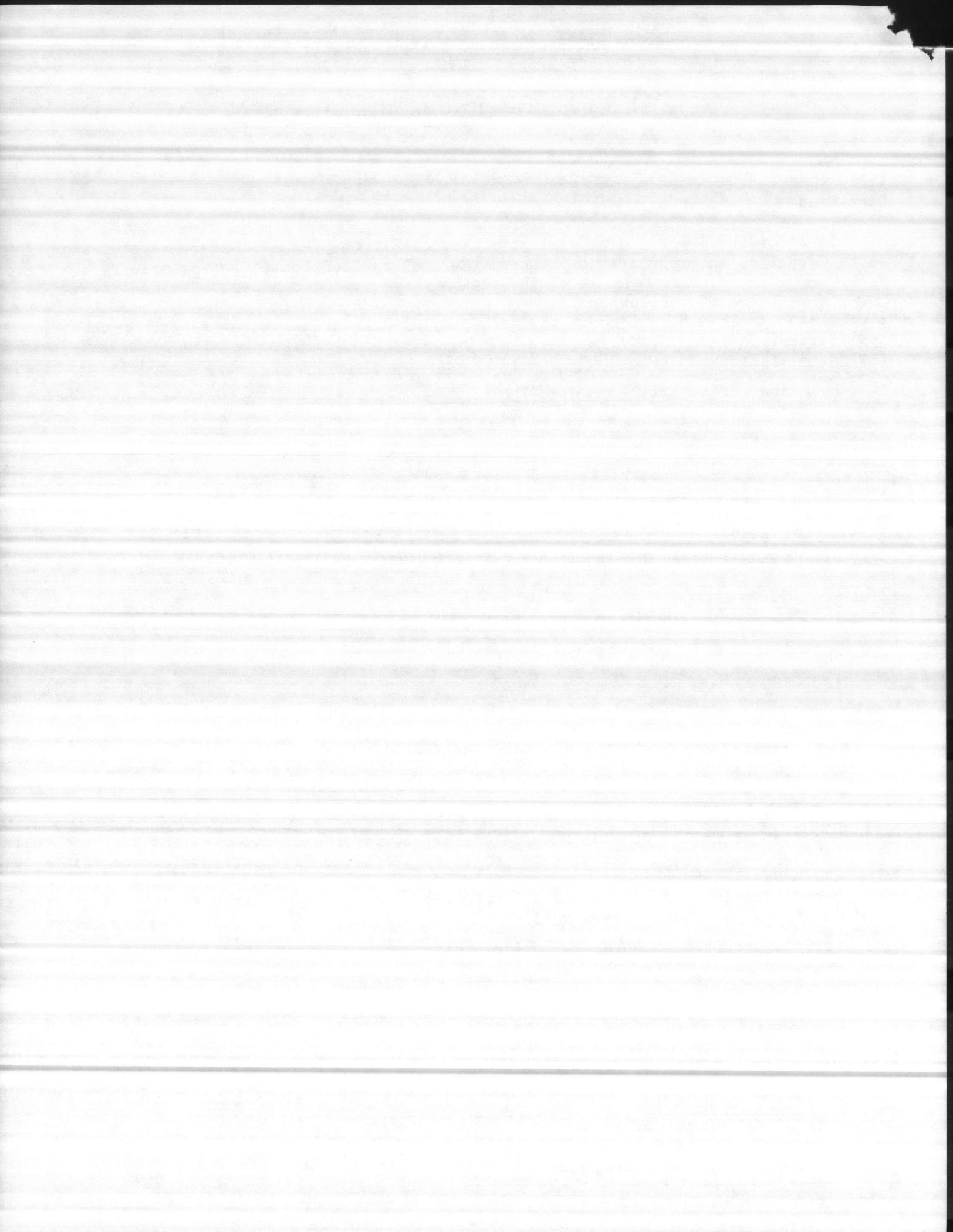


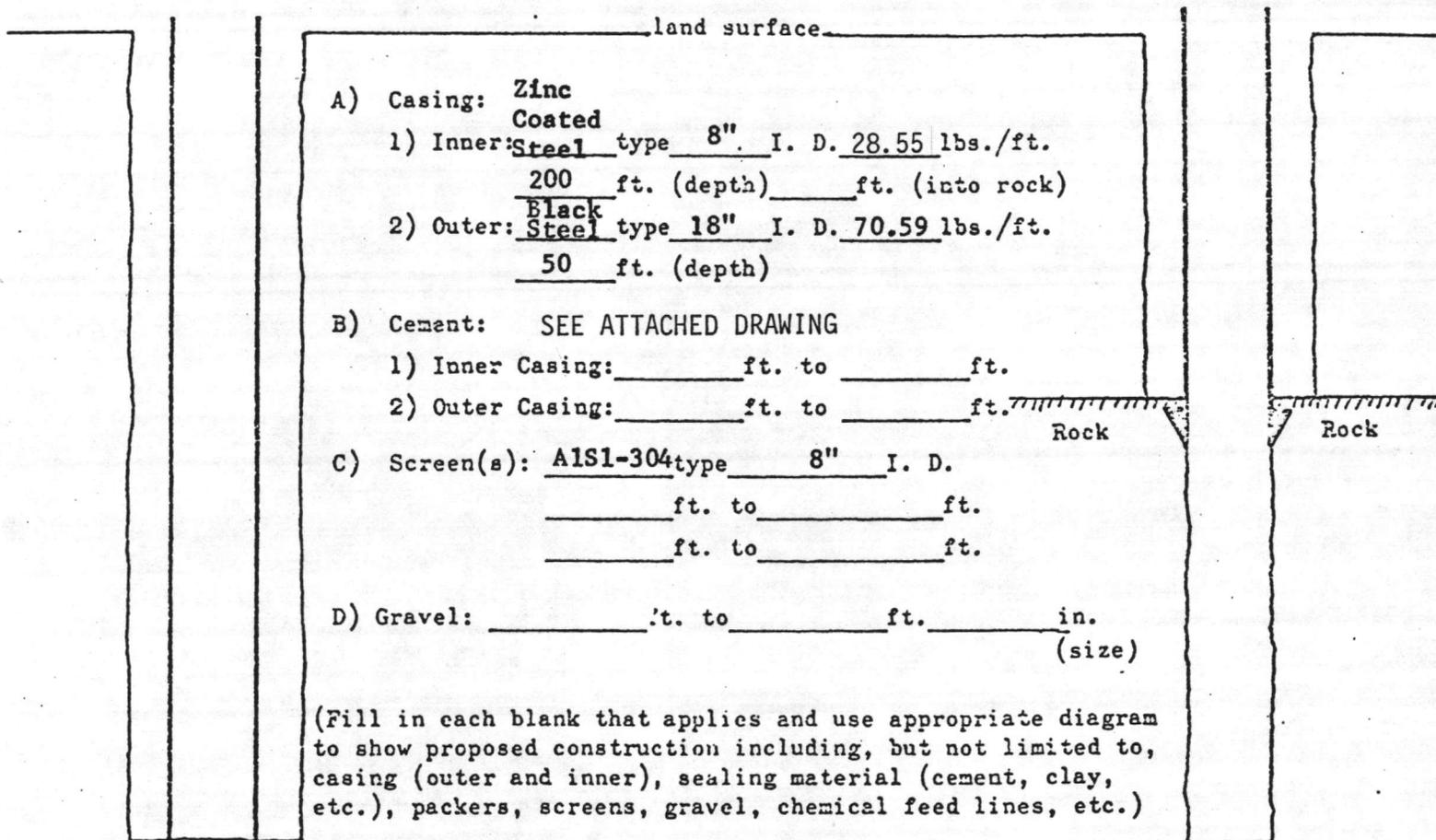
DIAGRAM OF PROPOSED
CONSTRUCTION SPECIFICATIONS

Straight-Screened
or
Gravel-Packed Well

(Constructed in unconsolidated formations)

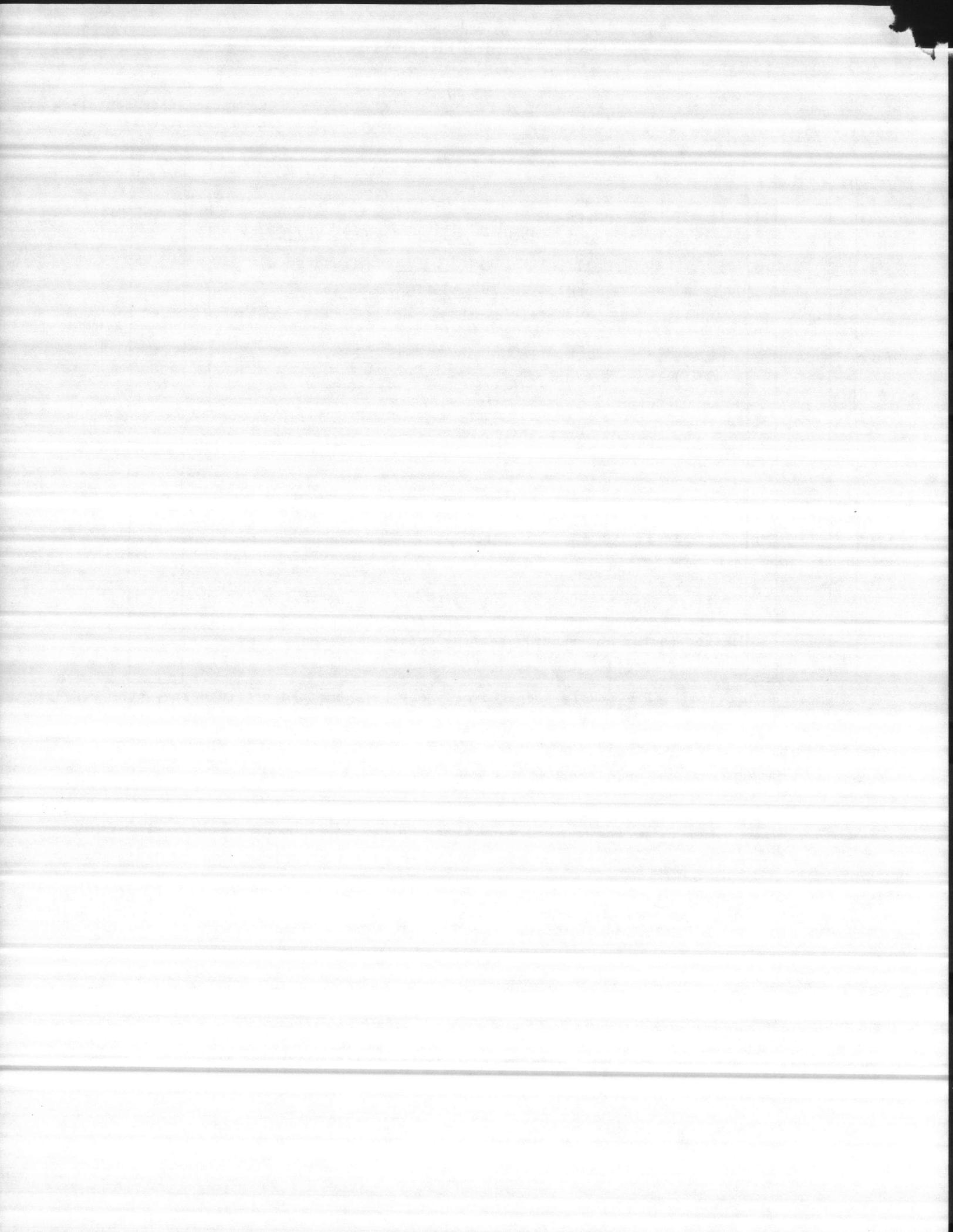
Open-End Well

(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 4080706 FOR THE THREE PROPOSED WELLS.



APPLICATION FOR PERMIT TO CONSTRUCT A WELL

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 16 September, 1980

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U. S. Marine Corps, Camp Lejeune, North Carolina for a permit to construct a well as described below and in the accompanying data submitted as a part of this application.

- (a) Name of Property owner U. S. Marine Corps
- (b) Location of Property Tarawa Terrace Camp Lejeune Onslow
(Road, Community, Subdivision, Lot No.) Town County
- (c) Purpose of well Potable Water Supply
- (d) Will proposed well replace an existing well Yes
- (e) Total capacity of existing system: 1 MGD gallons per day

Well No.	Yield	Well No.	Yield
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Diagram of Proposed Construction and Existing Water Wells Attached.

(f) Proposed well:

Construction type Gravel Packed (open end, screened, gravel packed, etc.)
Estimated depth 200 ft Estimated Yield 250 GPM
Estimated date of construction: Begin Oct-80 Complete Oct-81

(g) Drilling Contractor: Carolina Well & Pump Company

(h) Location of Well: Provide a detailed map showing the location of the proposed well and any wells in the existing system to at least two (2) nearby reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. Show all existing water supply wells within a radius of 1,000 feet of the proposed well.

(i) Well Construction Diagram: Provide a diagram showing proposed construction specification. (See Form GW-22A)

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit.

U. S. Marine Corps
Marine Corps Base
Camp Lejeune, N. C. 28542
(Mailing Address of Well Owner (Required)
U. S. MARINE CORPS
Marine Corps Base
Camp Lejeune, N. C. 28542
Mailing Address of Agent

K. P. MILLICE, Jr., COLONEL, USMC
Signature of Well Owner or Agent

Assistant Chief of Staff, Facilities
Title

PERMIT NO. _____ issued _____ 19__

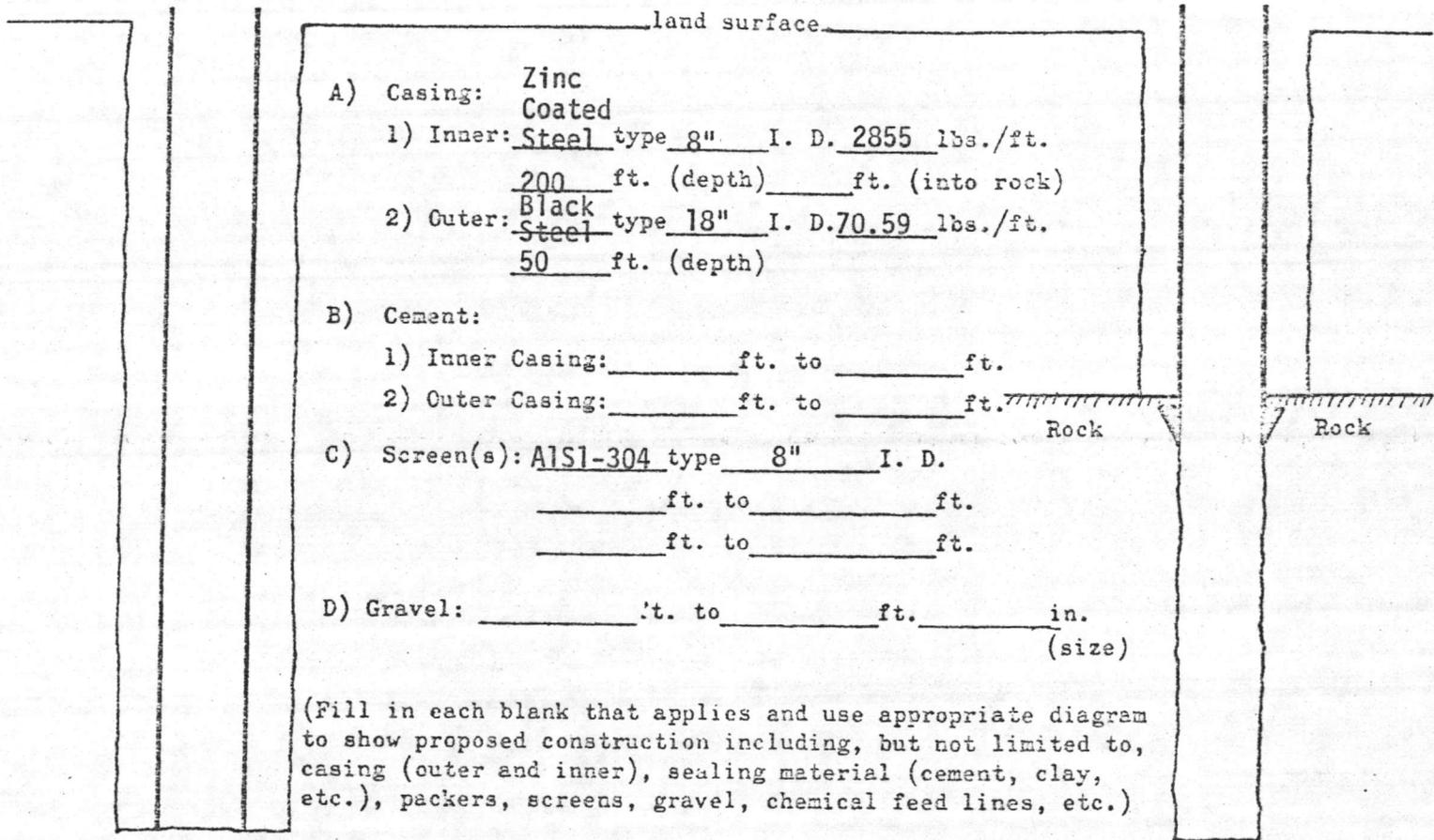
DIAGRAM OF PROPOSED
CONSTRUCTION SPECIFICATIONS

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 #4049524 FOR THE FOUR PROPOSED WELLS.

11

12

APPLICATION FOR PERMIT TO CONSTRUCT A WELL

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 16 September, 19 80

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U. S. Marine Corps, Camp Lejeune, North Carolina for a permit to construct
(name of well owner)

a well as described below and in the accompanying data submitted as a part of this application.

- (a) Name of Property owner U. S. Marine Corps
- (b) Location of Property Hadnot Point Camp Lejeune Onslow
(Road, Community, Subdivision, Lot No.) Town County
- (c) Purpose of well Potable Water Supply
- (d) Will proposed well replace an existing well Yes
- (e) Total capacity of existing system: 5 MGD gallons per day

<u>Well No.</u>	<u>Yield</u>	<u>Well No.</u>	<u>Yield</u>
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Diagram of Proposed Construction and Existing Water Wells Attached.

_____	_____	_____	_____
_____	_____	_____	_____

(f) Proposed well:

Construction type Gravel Packed (open end, screened, gravel packed, etc.)

Estimated depth 200 ft Estimated Yield 250 GPM

Estimated date of construction: Begin Oct-80 Complete Oct-81

(g) Drilling Contractor: Carolina Well & Pump Company

(h) Location of Well: Provide a detailed map showing the location of the proposed well and any wells in the existing system to at least two (2) nearby reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. Show all existing water supply wells within a radius of 1,000 feet of the proposed well.

(i) Well Construction Diagram: Provide a diagram showing proposed construction specification. (See Form GW-22A)

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit.

U. S. Marine Corps
Marine Corps Base
Camp Lejeune, N. C. 28542
(Mailing Address of Well Owner (Required

(SAME)

Mailing Address of Agent

J. T. Marshall
K. P. Millice, Jr., Col, USMC
Signature of Well Owner or Agent

Assistant Chief of Staff, Facilities

Title

PERMIT NO. _____ issued _____ 19 _____



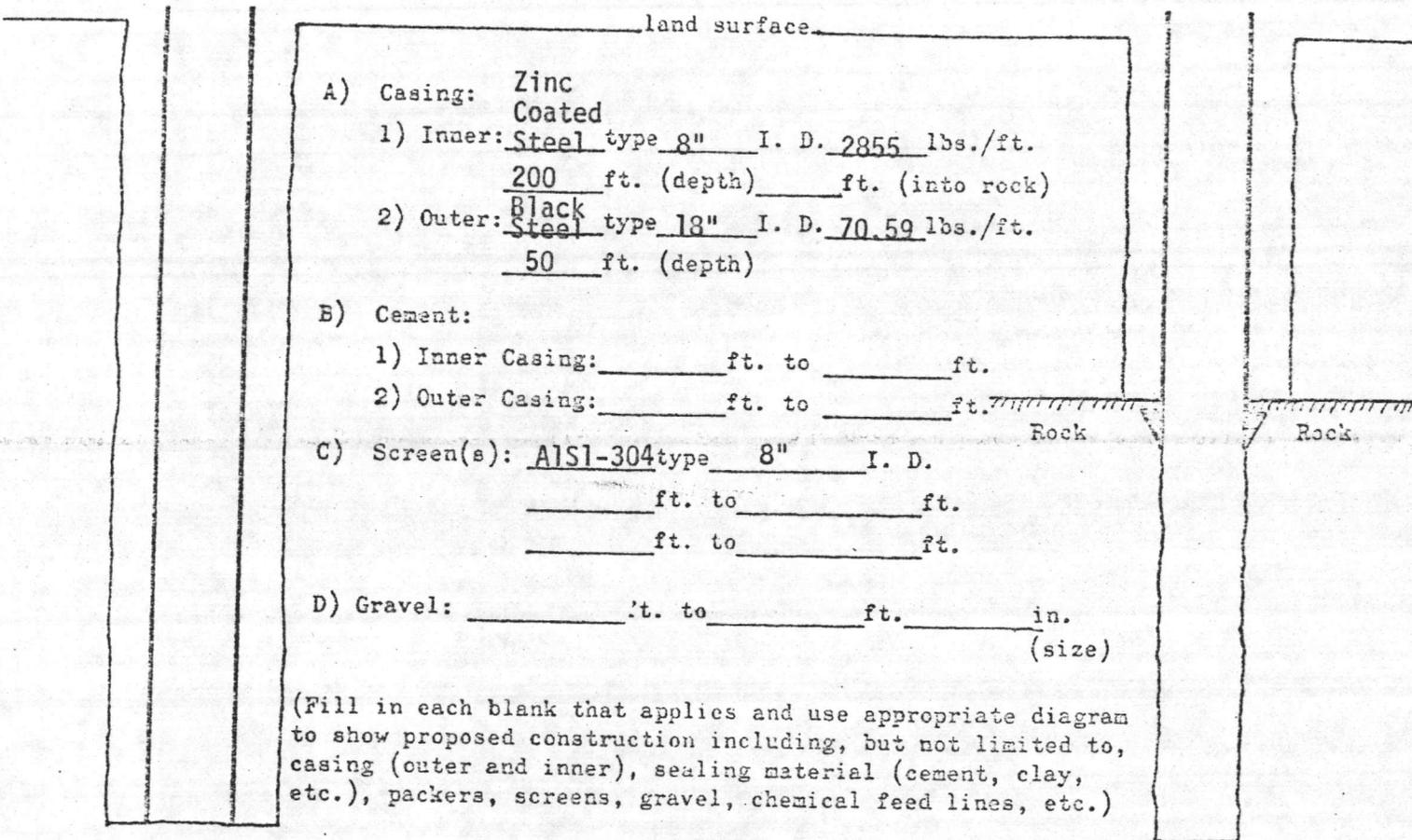
DIAGRAM OF PROPOSED
CONSTRUCTION SPECIFICATIONS

Straight-Screened
or
Gravel-Packed Well

Open-End Well

(Constructed in unconsolidated formations)

(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 #4049524 FOR THE FOUR PROPOSED WELLS.

4080706



APPLICATION FOR PERMIT TO CONSTRUCT A WELL

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 16 September, 1980
Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U. S. Marine Corps, Camp Lejeune, North Carolina for a permit to construct a well as described below and in the accompanying data submitted as a part of this application.

- (a) Name of Property owner U. S. Marine Corps
- (b) Location of Property Montford Point CAB Camp Lejeune Onslow
(Road, Community, Subdivision, Lot No.) Town County
- (c) Purpose of well Potable Water Supply
- (d) Will proposed well replace an existing well Yes
- (e) Total capacity of existing system: 0.75 MGD 0.60 gallons per day

Well No.	Yield	Well No.	Yield

Diagram of Proposed Construction and Existing Water Wells Attached.

- (f) Proposed well:
 - Construction type Gravel Packed (open end, screened, gravel packed, etc.)
 - Estimated depth 200 ft Estimated Yield 250 GPM
 - Estimated date of construction: Begin Oct-80 Complete Oct-81
- (g) Drilling Contractor: Carolina Well & Pump Company
- (h) Location of Well: Provide a detailed map showing the location of the proposed well and any wells in the existing system to at least two (2) nearby reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. Show all existing water supply wells within a radius of 1,000 feet of the proposed well.
- (i) Well Construction Diagram: Provide a diagram showing proposed construction specification. (See Form GW-22A)

U. S. Marine Corps
Marine Corps Base
Camp Lejeune, N. C. 28542
(Mailing Address of Well Owner (Required))
(SAME)
Mailing Address of Agent

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit.
T Marshall
K. P. MILLICE, JR., COLONEL, USMC
Signature of Well Owner or Agent

Assistant Chief of Staff, Facilities
Title

PERMIT NO. _____ issued _____ 19__

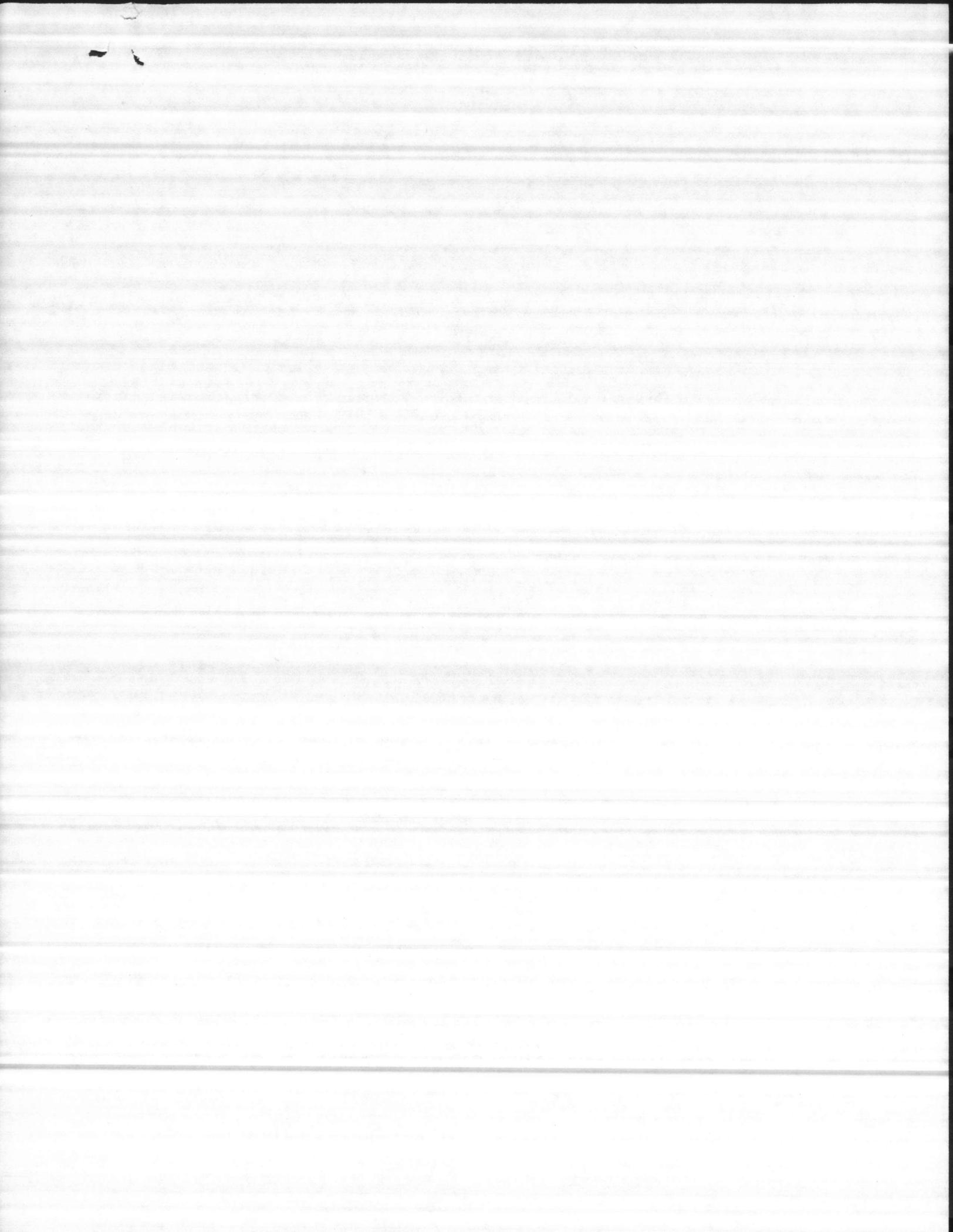


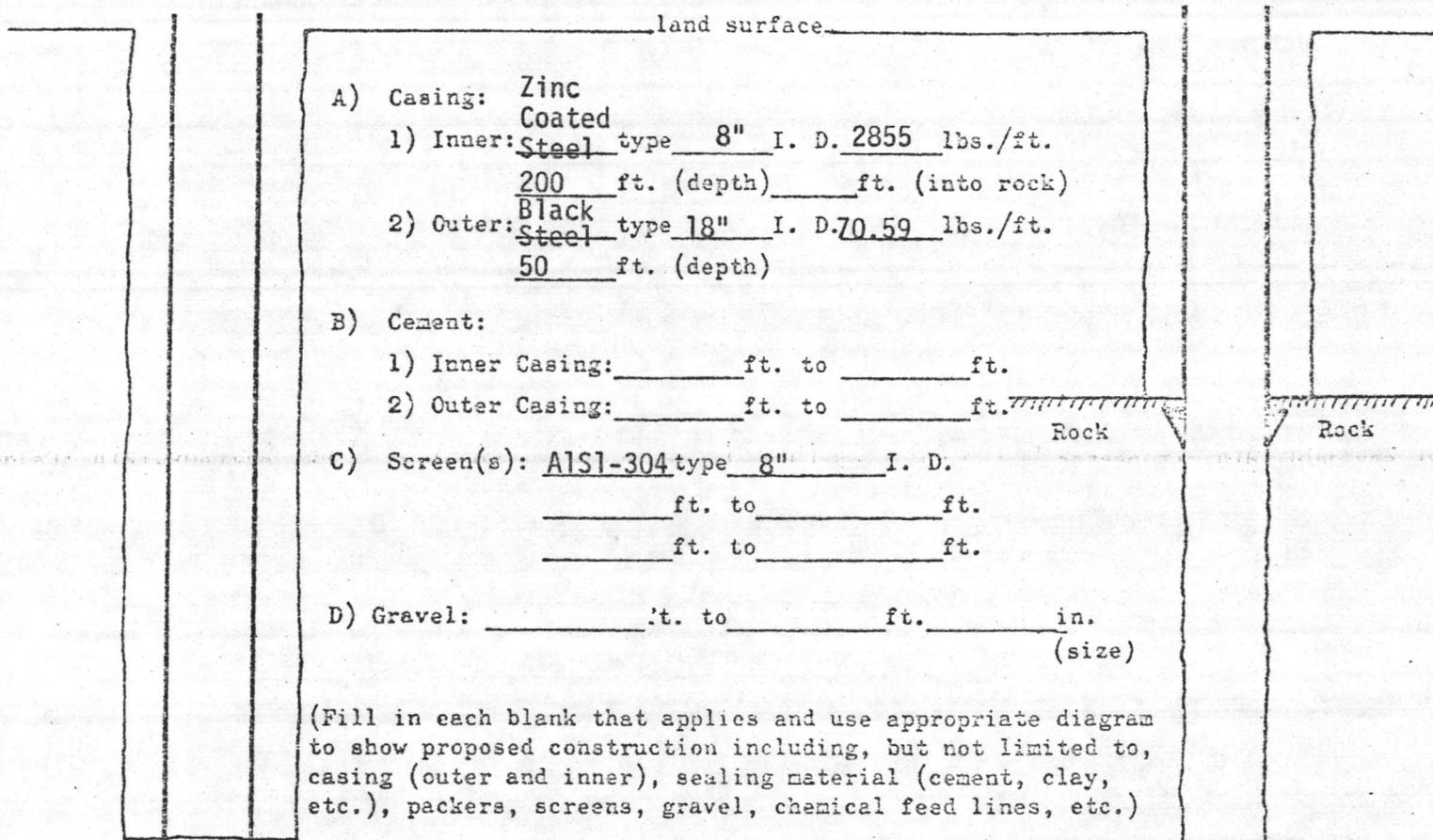
DIAGRAM OF PROPOSED
CONSTRUCTION SPECIFICATIONS

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 #4049524 FOR THE FOUR PROPOSED WELLS.

4080706

11

11