

3-7-07

06064

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Division of Health Engineering, 10 SHS
(207) 287-5872 Fax: (207) 287-3165

PROPERTY LOCATION >> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

City, Town, or Plantation	AUGUSTA	AUGUSTA		PERMIT # 5887	TOWN COPY
Street or Road	ROUTE 3 No. Belfast				
Subdivision, Lot #		Date Permit Issued: 12/3/06	\$10100	<input type="checkbox"/> Double Fee Charged	

OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature: <i>[Signature]</i>		L.P.I. # 188
Name (last, first, MI)	NADEAU, ANDRE	<input checked="" type="checkbox"/> Owner		<input type="checkbox"/> Applicant
Mailing Address of Owner/Applicant	96 PEACHEY BUILDERS 105 OLD WINTHROP ROAD AUGUSTA, ME. 04330			
Daytime Tel. #	Municipal Tax Map # 7		Lot # 54A	

OWNER OR APPLICANT STATEMENT I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Plumbing Inspector to deny permit.	CAUTION: INSPECTION REQUIRED I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.
Signature of Owner or Applicant: <i>[Signature]</i> Date: 3/7/07	Local Plumbing Inspector Signature: <i>[Signature]</i> Date: 3/7/07

TYPE OF APPLICATION		THIS APPLICATION REQUIRES		DISPOSAL SYSTEM COMPONENTS	
<input checked="" type="checkbox"/> 1. First Time System	<input type="checkbox"/> 2. Replacement System	<input checked="" type="checkbox"/> 1. No Rule Variance	<input type="checkbox"/> 2. First Time System Variance	<input type="checkbox"/> 1. Complete Non-engineered System	<input type="checkbox"/> 2. Primitive System (graywater & all. toilet)
Type replaced: _____	Year installed: _____	<input type="checkbox"/> a. Local Plumbing Inspector Approval	<input type="checkbox"/> b. State & Local Plumbing Inspector Approval	<input type="checkbox"/> 3. Alternative Toilet, specify: _____	<input type="checkbox"/> 4. Non-engineered Treatment Tank (only)
<input type="checkbox"/> 3. Expanded System	<input type="checkbox"/> 4. Experimental System	<input type="checkbox"/> 3. Replacement System Variance	<input type="checkbox"/> 4. Minimum Lot Size Variance	<input type="checkbox"/> 5. Holding Tank, _____ gallons	<input type="checkbox"/> 6. Non-engineered Disposal Field (only)
<input type="checkbox"/> a. Minor Expansion	<input type="checkbox"/> 5. Seasonal Conversion	<input type="checkbox"/> a. Local Plumbing Inspector Approval	<input type="checkbox"/> 5. Seasonal Conversion Permit	<input type="checkbox"/> 7. Separated Laundry System	<input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more)
<input type="checkbox"/> b. Major Expansion		<input type="checkbox"/> b. State & Local Plumbing Inspector Approval		<input type="checkbox"/> 9. Engineered Treatment Tank (only)	<input type="checkbox"/> 10. Engineered Disposal Field (only)
SIZE OF PROPERTY	SHORELAND ZONING	DISPOSAL SYSTEM TO SERVE		TYPE OF WATER SUPPLY	
5.6 <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: _____	<input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____	<input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private	
		<input checked="" type="checkbox"/> 3. Other: SEE ATTACHED (specify)		<input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other	
		Current Use <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped			

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
<input type="checkbox"/> 1. Concrete	<input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench	<input type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe	SEE ATTACHED
<input type="checkbox"/> a. Regular	<input checked="" type="checkbox"/> 3. Proprietary Device CONCRETE CHAMBERS	If Yes or Maybe, specify one below:	_____ gallons per day
<input type="checkbox"/> b. Low Profile	<input type="checkbox"/> a. cluster array <input type="checkbox"/> c. Linear	<input type="checkbox"/> a. multi-compartment tank	BASED ON:
<input type="checkbox"/> 2. Plastic	<input type="checkbox"/> b. regular load <input checked="" type="checkbox"/> d. H-20 load	<input type="checkbox"/> b. _____ tanks in series	<input checked="" type="checkbox"/> 1. Table 501.1 (dwelling unit(s))
<input type="checkbox"/> 3. Other: _____	<input type="checkbox"/> 4. Other: _____	<input type="checkbox"/> c. increase in tank capacity	<input type="checkbox"/> 2. Table 501.2 (other facilities)
CAPACITY: _____ GAL.	SIZE: 1920 <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	<input type="checkbox"/> d. Filter on Tank Outlet	SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING	EFFLUENT/EJECTOR PUMP	<input type="checkbox"/> 3. Section 503.0 (meter readings)
PROFILE CONDITION DESIGN: 91 D 13	<input type="checkbox"/> 1. Small—2.0 sq. ft. / gpd	<input type="checkbox"/> 1. Not Required	ATTACH WATER METER DATA
at Observation Hole # TP	<input type="checkbox"/> 2. Medium—2.6 sq. ft. / gpd	<input checked="" type="checkbox"/> 2. May Be Required	LATITUDE AND LONGITUDE
Depth 12"	<input type="checkbox"/> 3. Medium—Large 3.3 sq. ft. / gpd	<input type="checkbox"/> 3. Required	at center of disposal area
of Most Limiting Soil Factor	<input type="checkbox"/> 4. Large—4.1 sq. ft. / gpd	Specify only for engineered systems:	Lat. 44° d 19.768' m _____ s N
	<input checked="" type="checkbox"/> 5. Extra Large—5.0 sq. ft. / gpd	DOSE: _____ gallons	Lon. 69° d 43.005' m _____ s W
			If g.p.s., state margin of error: 50'

SITE EVALUATOR STATEMENT

I certify that on 6/12/06 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature: *[Signature]* SE #: 132 Date: 6/27/06

TERRY ADAMS (207) 395-3029 adamster@ctel.net
Site Evaluator Name Printed Telephone Number E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator. HHE-200 Rev. 4/05

[Handwritten notes:]
For Terry Adams signature to be returned
Six inches above current proposed design

[Handwritten notes:]
S.R. FAX
622-1676

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-3672 FAX (207) 287-3165

Town, City, Plantation
AUGUSTA

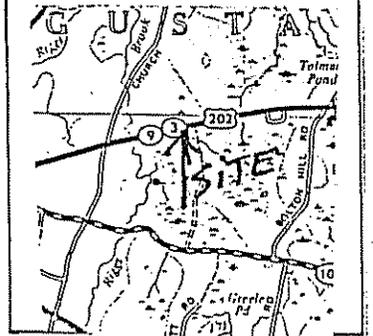
Street, Road Subdivision
ROUTE 3

Owner's Name
ANDRE NADEAU

SITE PLAN

Scale 1" = 40 Ft.
or as shown

SITE LOCATION PLAN



(SEE ATTACHED SITE PLAN)

NOTE:

SEE "NOTES FROM
THE SITE
EVALUATOR"

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP Test Pit Boring
0 " Depth of Organic Horizon Above Mineral Soil

Observation Hole B Test Pit Boring
0 " Depth of Organic Horizon Above Mineral Soil

	Texture	Consistency	Color	Mottling
0			BROWN	NONE
10	LOAM	FRIABLE	YELLOW BROWN	EVIDENT
20	SILT LOAM	VERY FIRM	OLIVE	EVIDENT
30				
40				
50				

	Texture	Consistency	Color	Mottling
0			BROWN	NONE
10	LOAM	FRIABLE	YELLOW BROWN	EVIDENT
20	SILT LOAM	VERY FIRM	OLIVE	EVIDENT
30				
40				
50				

Soil Classification 9 Profile	Slope D Condition	Limiting Factor 0-1%	Limiting Factor 12"	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
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Soil Classification 9 Profile	Slope C Condition	Limiting Factor 1%	Limiting Factor 15"	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
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Site Evaluator Signature

137
SE

6/27/06
Date

Design Flow Computations

Nadeau

The initial development will consist of a 4900 sq. ft. chiropractic office and three ancillary buildings of 3000 sq. ft. apiece developed in phases with the chiropractic office at this time. The chiropractic office will have staff of 4 doctors and 7 support staff and will see about 16 patients a day per doctor or 64 patients a day.

4 (doctors) x 80 gpd.	=	320 gpd.
7 (staff) x 15 gpd.	=	105 gpd.
64 (patients) x 5 gpd	=	320 gpd.
Total	=	745 gpd.

The exact occupancy of the three ancillary building is unknown at this time but it is projected that one would be a physical therapy office and the others a pharmacy and health food store.

Assuming the physical therapy office has the same type of staffing as the chiropractic office and proportioning flow by building size an estimate of 456 gallons per day would be adequate for the physical therapy office.

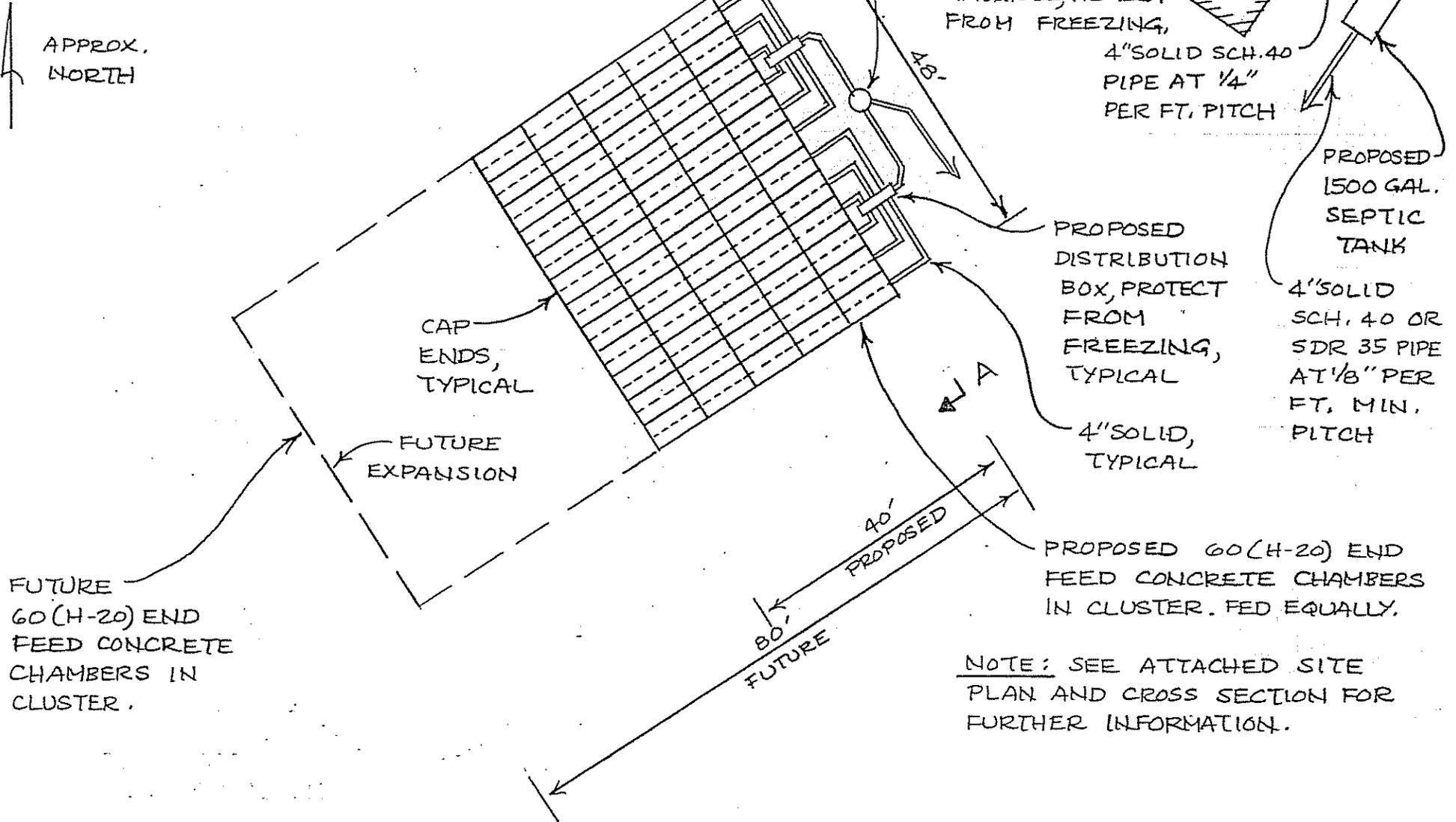
If it is assumed the pharmacy and health food stores do not have public restrooms and considering 10 employees total with the parking spaces proposed, these two buildings would have about 213 gallons per day. This brings the total effluent for the project to about 1500 gallons per day.

SUBSURFACE WASTEWATER DISPOSAL PLAN:

SCALE 1" = 20'

ANDRE NADEAU
AUGUSTA
PAGE 3A

APPROX.
NORTH



Andre Nadeau
SITE EVALUATOR'S SIGNATURE

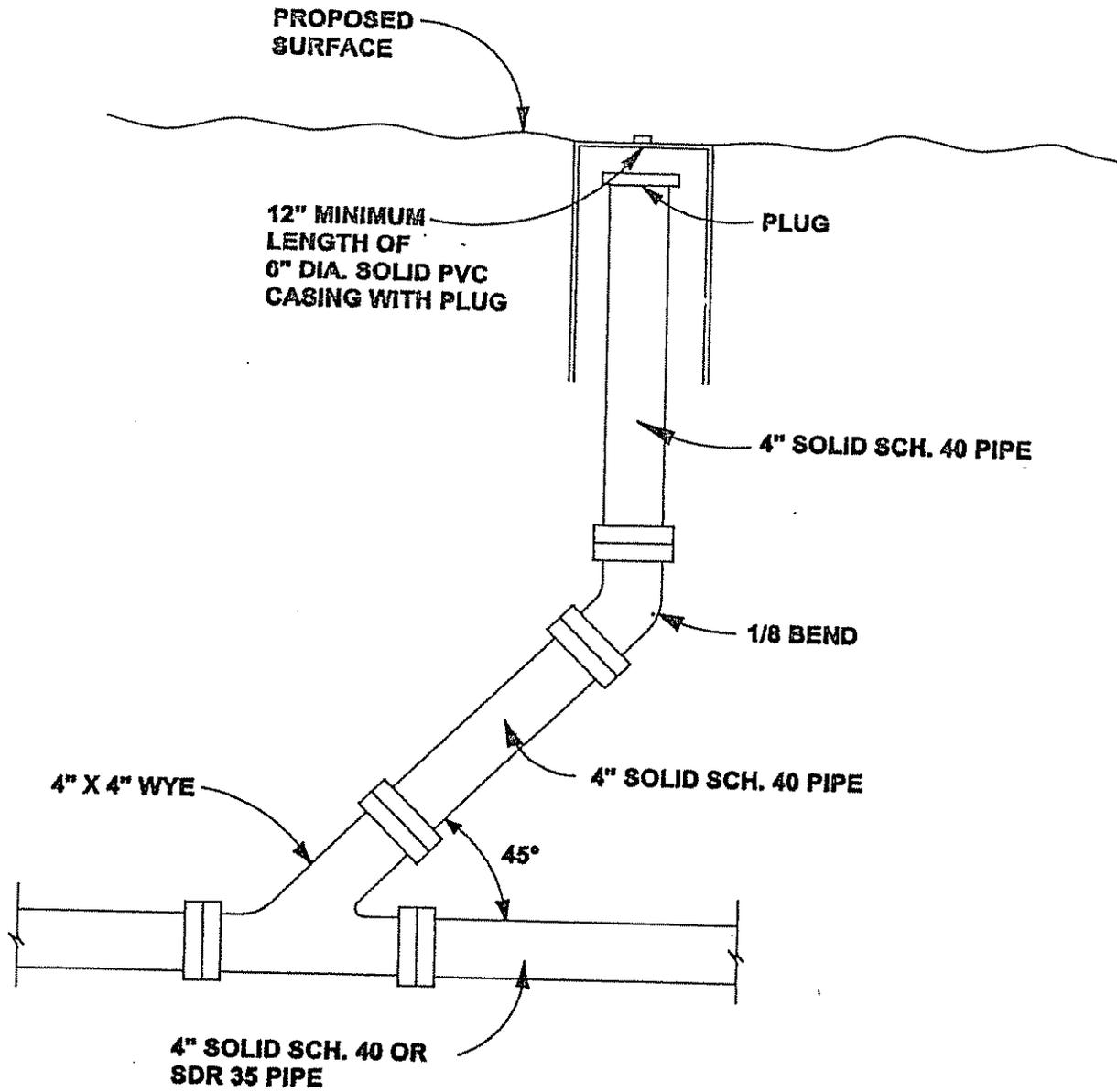
132
S.E.#

6/27/06
DATE

NOTES FROM THE SITE EVALUATOR

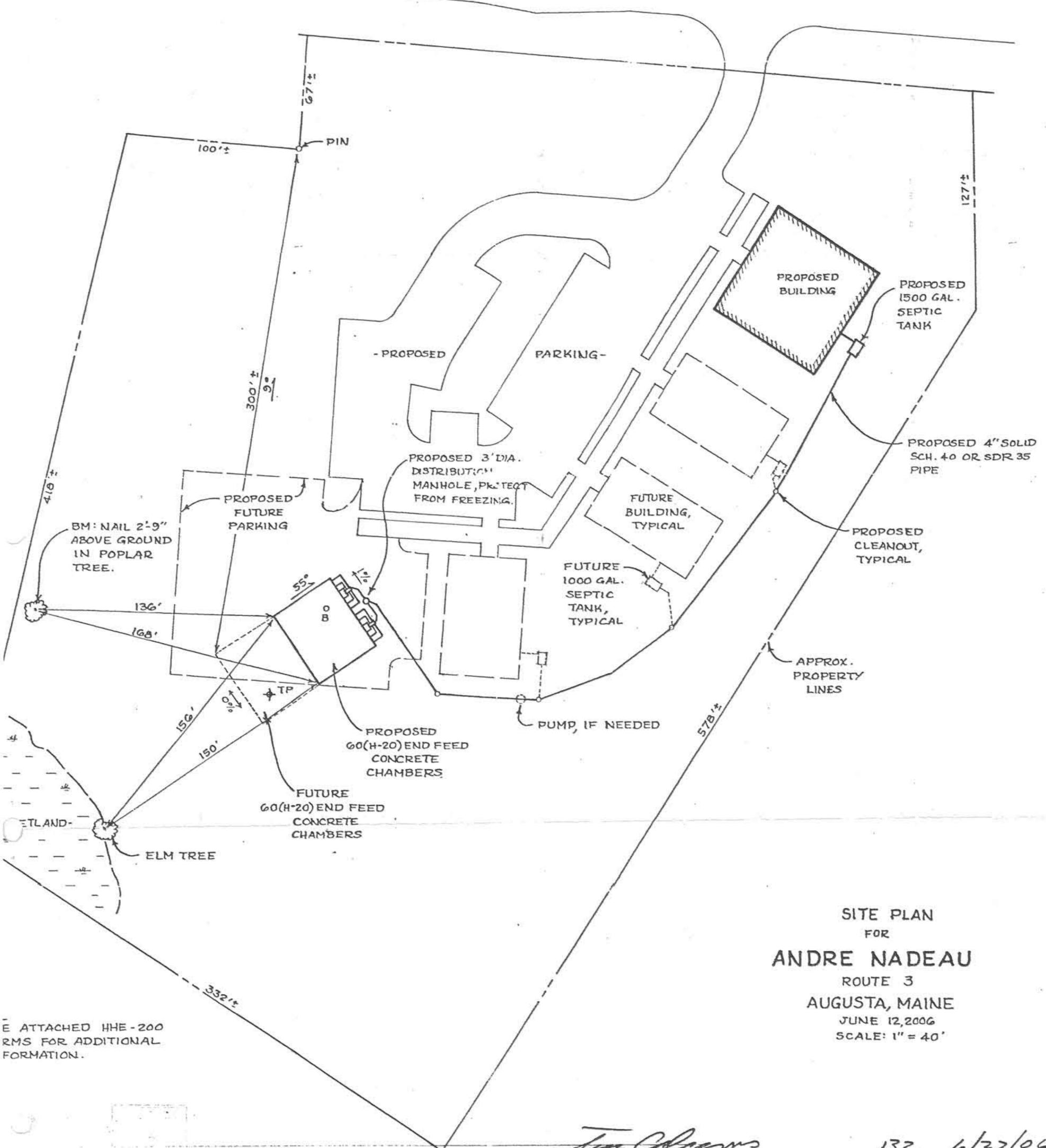
1. Systems shall be installed in accordance with the Maine State Plumbing Code.
2. Remove vegetation from the proposed disposal area and scarify original ground before placing fill.
3. Fill shall be clean, coarse sand to gravelly sand. See section 804.2 of the Maine Subsurface Waste Water Disposal rules.
4. All stone shall be uniform size and free of fines.
5. Site shall be graded in a manner, which will divert surface water from the bed.
6. Grass, clover, trefoil, vetch, perennial wild flowers or other herbaceous perennials may be planted on disposal area surfaces. Woody shrubs in conjunction with a hardy perennial ground cover may only be used on fill extensions.
7. If this application includes a new system variance request, it is assumed that this site is not part of a proposed subdivision.
8. "Permit By Rule" – When the toe of fill for a system extends closer than 100' to a wetland or water body, even though the system itself is 100' or more from the wetland or water body; or, when a system requires a Replacement System Variance, the applicant may be required to file a "Permit By Rule" notification form or a complete application form with the Department of Environmental Protection. "Permit by Rule" does not take the place of any other local, state or federal approvals, which may be needed for the proposed activity. In specific instances, the activity may require a shoreland zoning permit from the town, a lease from the Bureau of Public Lands, if the work extends onto state owned submerged lands or a permit from the U.S. Army Corps of Engineering.
9. If a system requires a pump, it shall be vented in accordance with standard practice. It is recommended that the required audible high water alarm be installed on the premises on a different electrical circuit from the pump.
10. As a general rule, a septic tank should be cleaned every two years. It is recommended that no commercial septic tank additives be used.
11. Unless otherwise stated this design does not provide for the use of a garbage disposal. If one is to be added, contact the site evaluator in order that they may alter the design to accommodate the change.
12. This site evaluation and design has been done in compliance with the Maine State Plumbing Code. The approval and/or design may be subject to more restrictive local ordinances. The Local Plumbing Inspector is to be contacted for final review approval.
13. By signature on this application, the client agrees with the location of lot lines, wells and other physical features shown and further agrees to limit the liability of the site evaluator to the original cost of installation of the system or the total fee for services rendered on this project, whichever is greater.
14. This site evaluation and septic design has been done for the owner or applicant shown of page land for the structure as described to the site evaluator. Any change in ownership, house location or other data shown on the HHE 200 form will make this design null and void.

TYPICAL CLEAN-OUT
NOT TO SCALE



APPROX.
NORTH

ROUTE 3



SITE PLAN
FOR
ANDRE NADEAU
ROUTE 3
AUGUSTA, MAINE
JUNE 12, 2006
SCALE: 1" = 40'

SEE ATTACHED HHE-200
RMS FOR ADDITIONAL
FORMATION.

Tom Adams
SITE EVALUATOR'S SIGNATURE

132 6/27/06
S.E.# DATE

PEACHEY Bldgs.