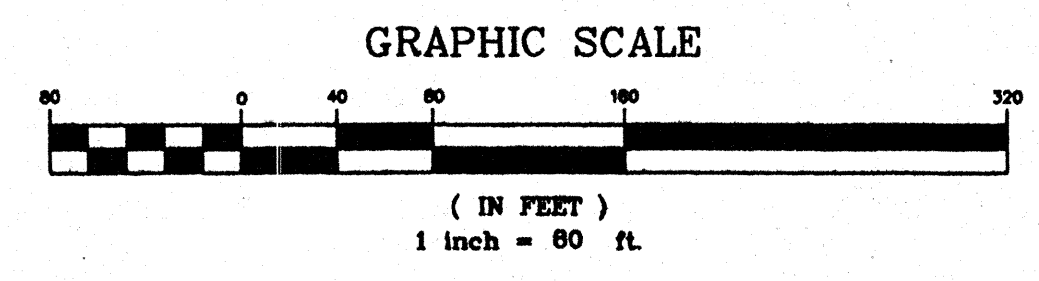
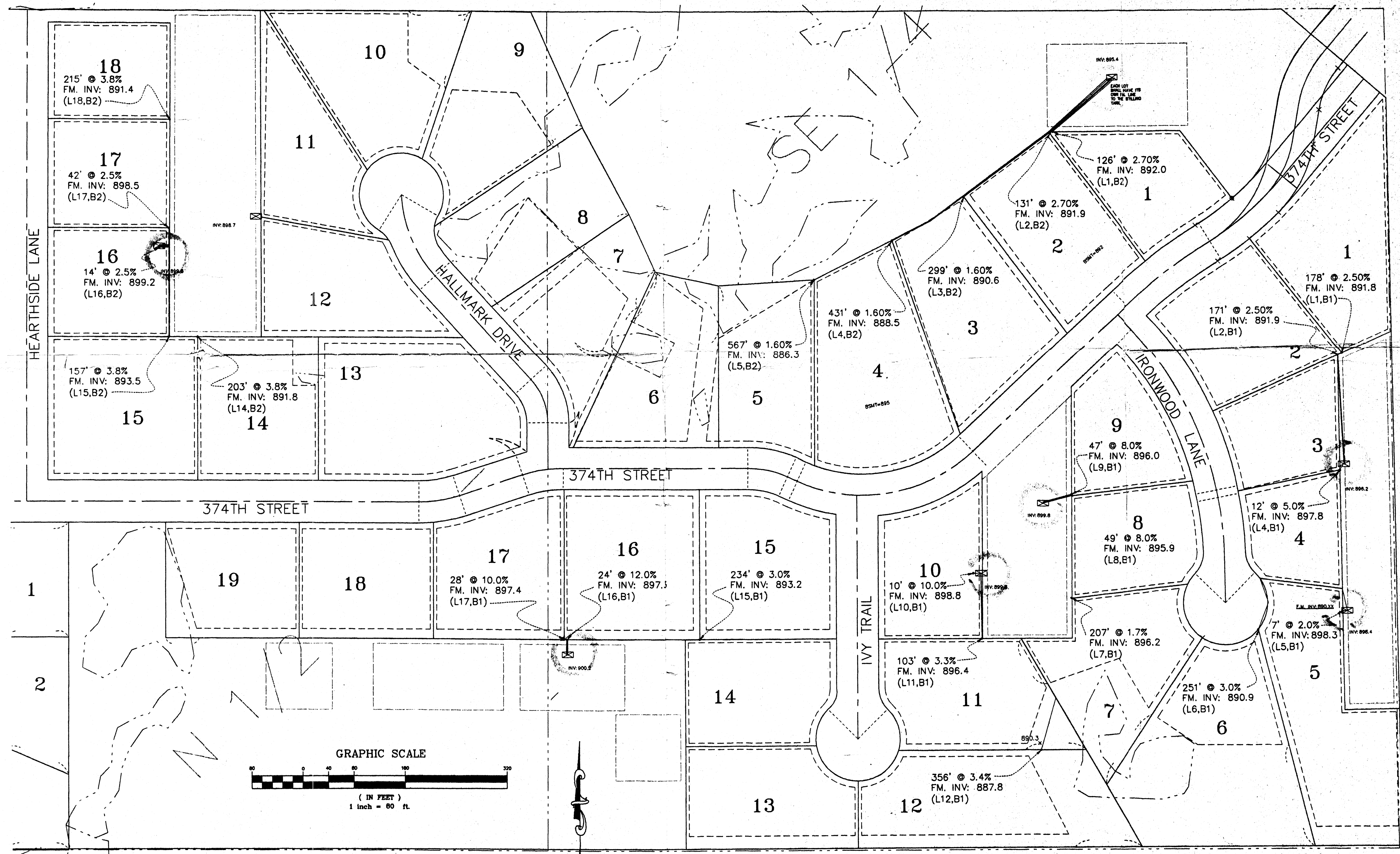
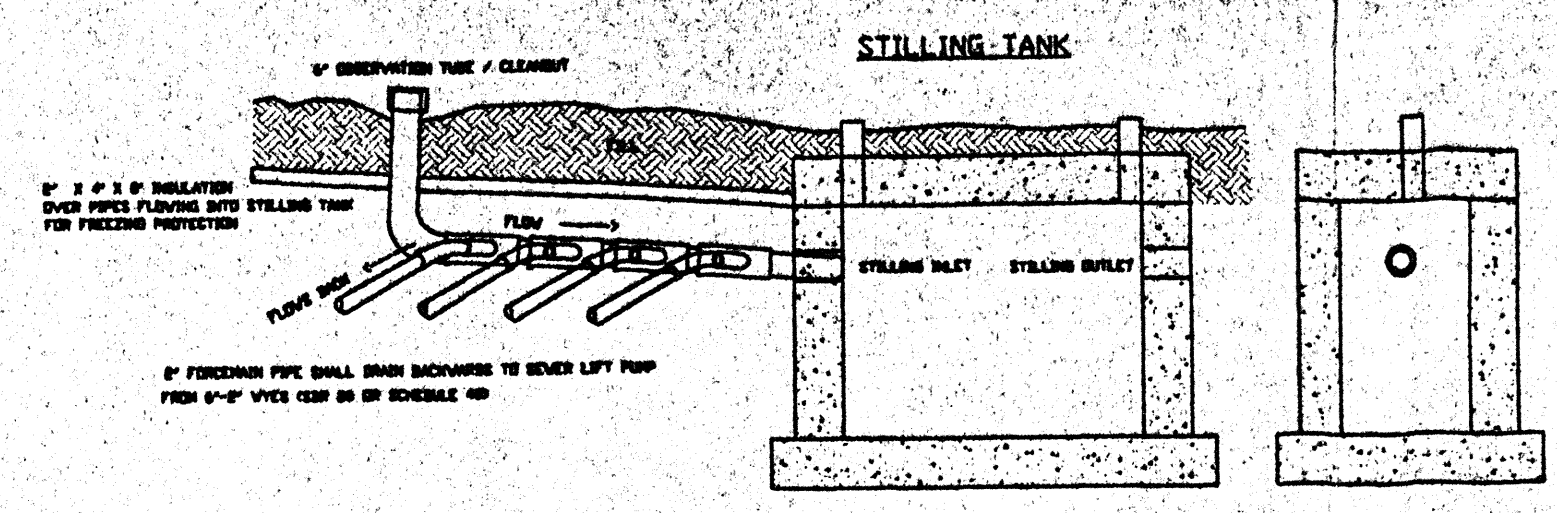


TALL TIMBERS



REVISIONS	BY

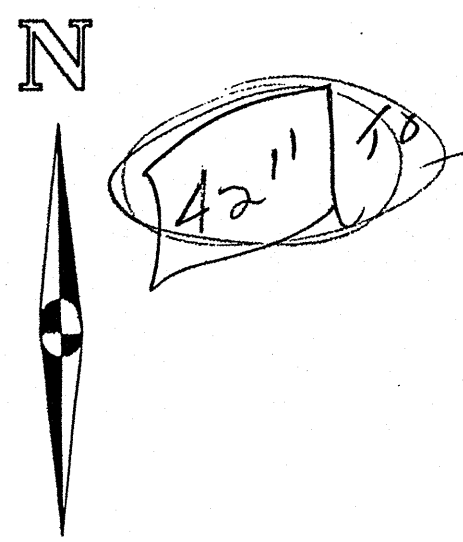
I HEREBY CERTIFY THAT THIS PLAN OR SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
W.A.T. McCully
 W.A.T. McCully
 DATE: 11/30/99 REG. NO. 23135

GLENN REHBEIN
 COMPANIES

1111 W. WASHINGTON ST. S.E.
 SUITE 100
 ALBUQUERQUE, NM 87102
 TEL: (505) 762-1007
 FAX: (505) 762-1001

Supplementary Drawing of Septic Plan
TALL TIMBERS
 City of North Branch

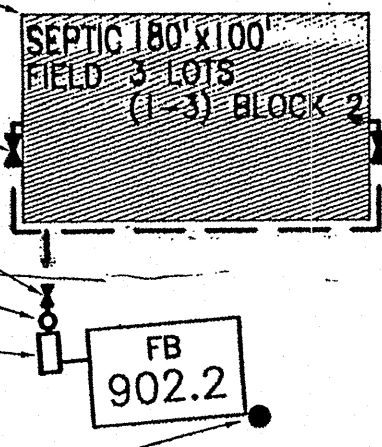
DRAWN	SNS
CHECKED	MTK
DATE	11-30-99
VERTICAL SCALE	HORIZ. 1" = 80'
JOB NO.	99029
BOOK	
SHEET	1
OF	



110' notes

SEPTIC DETAIL

- PROPOSED AREA SEPTIC FIELD WITH DIMENSIONS AND SERVICE.
- PROPOSED VALVE INTO SEPTIC FIELD
- PROPOSED VALVE FOR SEPTIC LINE (BY HOMEOWNER)
- PROPOSED PUMP FOR SEPTIC TANK IF REQUIRED (BY HOMEOWNER)
- PROPOSED SEPTIC TANK (BY HOMEOWNER)
- PROPOSED WELLS FOR WATER SERVICE (BY HOMEOWNER)



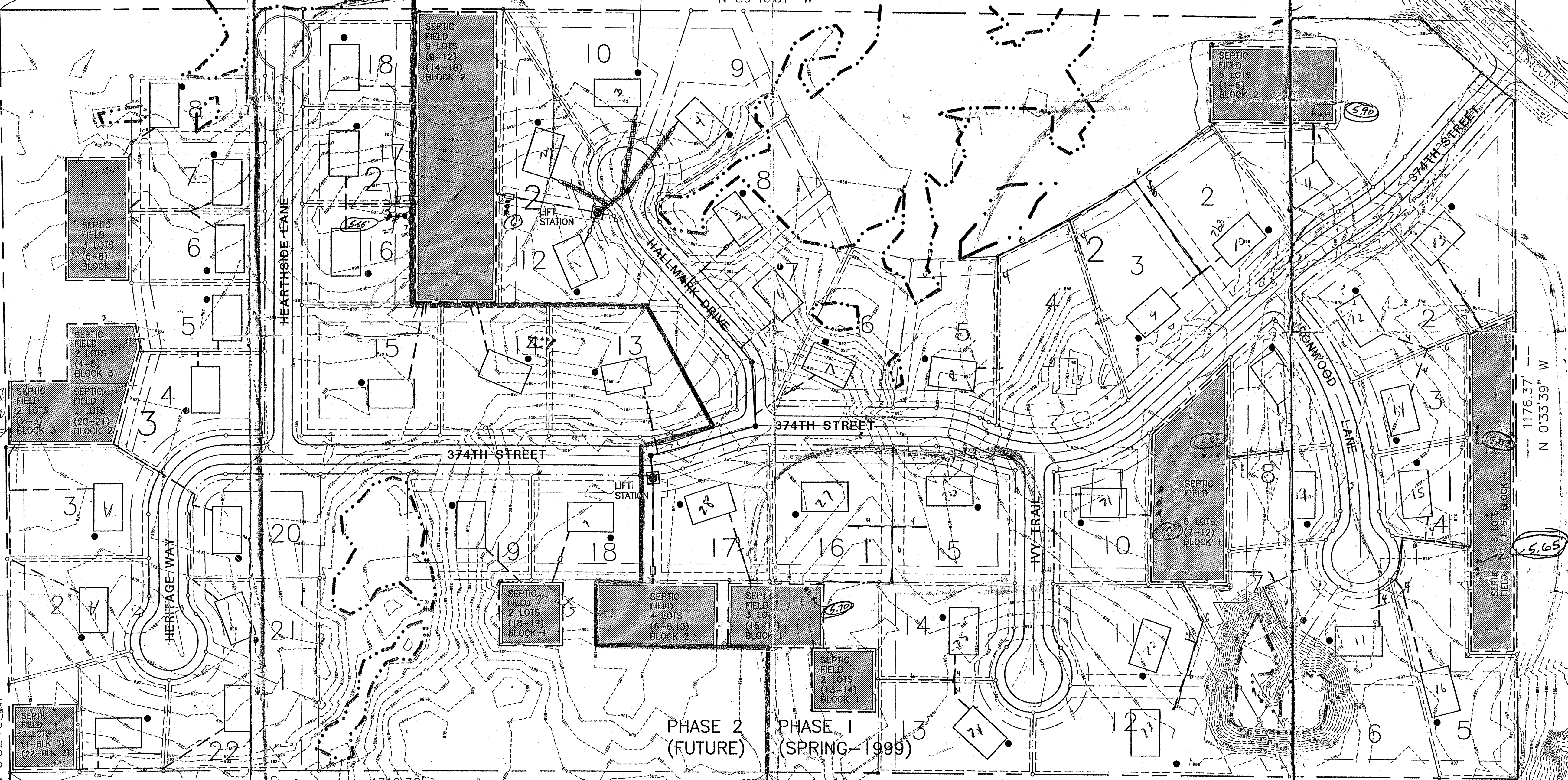
PROPOSED WELL FOR WATER SERVICE (TYP.) ALL WELLS SHALL HAVE A MINIMUM OF 50' PERMANENT CASING. MAINTAIN 50' CLEARANCE FROM SEPTIC AREA. ALL SANITARY PIPING SHALL BE PRESSURE TESTED IF IT IS TO BE LOCATED WITHIN 50 FEET OF ANY WELL. DO NOT INSTALL SANITARY PIPING CLOSER THAN 20 FEET FROM ANY PROPOSED WELL. INSTALL ALL WORK ACCORDING TO CITY OF NORTH BRANCH, CHISAGO COUNTY, AND MINNESOTA DEPARTMENT OF HEALTH RULES AND REGULATIONS, CODES AND STANDARDS.

RI

PHASE 2 (FUTURE) PHASE 1 (SPRING-1999)

AG

2472.10' N 89°43'51" W



AG

Gravel Field

2638.64' N 0°32'16" W

1316.30' N 89°48'12" W

1316.30' N 89°48'12" W

1176.37' N 0°33'39" W

RI

2" PVC
5, 40 PVC
Pressure Pipe

DATE	REVISIONS
2-18-99	REVISED LOTS & SEPTIC FIELDS
4-28-99	REVISED SANITARY SEWER & EASEMENTS

ULTEIG ENGINEERS, INC.
5201 EAST RIVER ROAD
SUITE 308
MINNEAPOLIS, MINNESOTA 55421
PHONE (612) 571-2500 FAX (612) 571-1168

NORTH BRANCH, MINNESOTA

TALL TIMBERS
SEPTIC PLAN

THE SIGNED DRAWING IS THE CORRECT RECORD DOCUMENT, NOT THE AUTOCAD DISKETTE.
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, STATEMENT AND DRAWING ARE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA
DATE 1-4-99
22572
Charles F. Felde

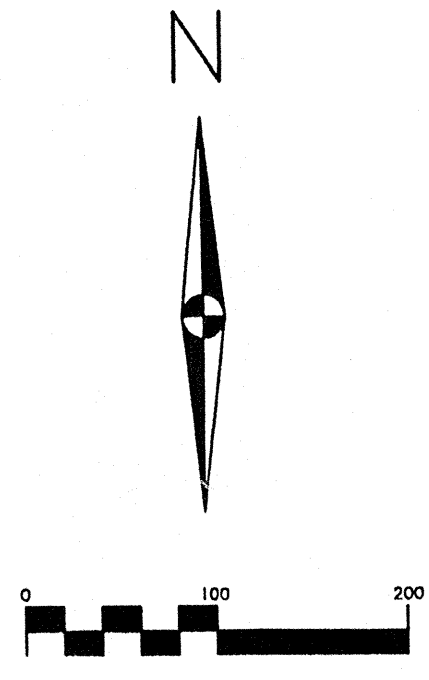
DRAWN	CHECKED	APPROVED
BY	BY	BY
DATE	DATE	DATE

ISSUED
APR 28 1999

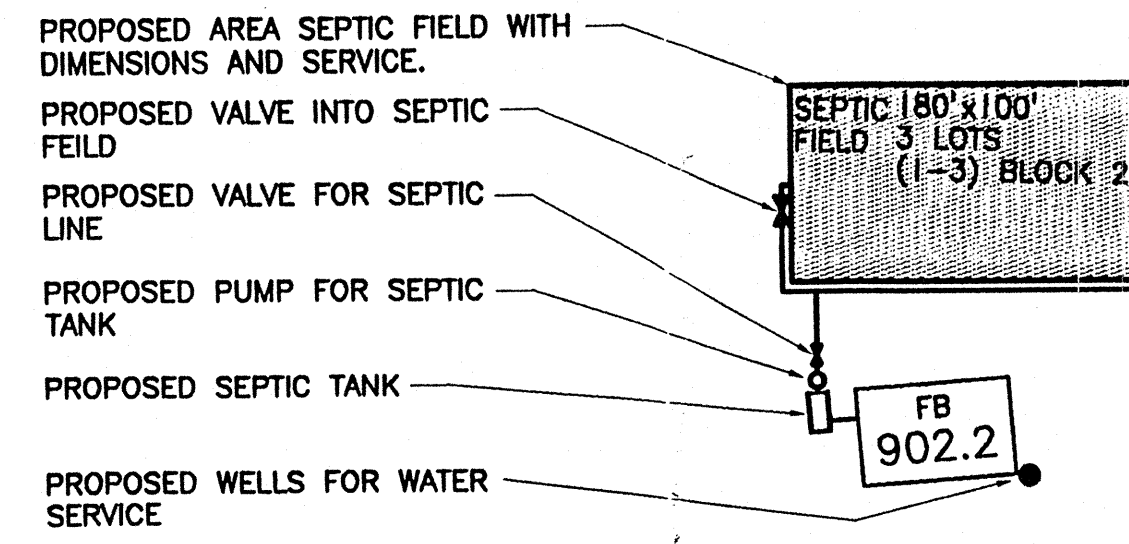
ULTEIG ENGINEERS, INC.
MINNEAPOLIS, MINN

C2
PROJECT 98-7013

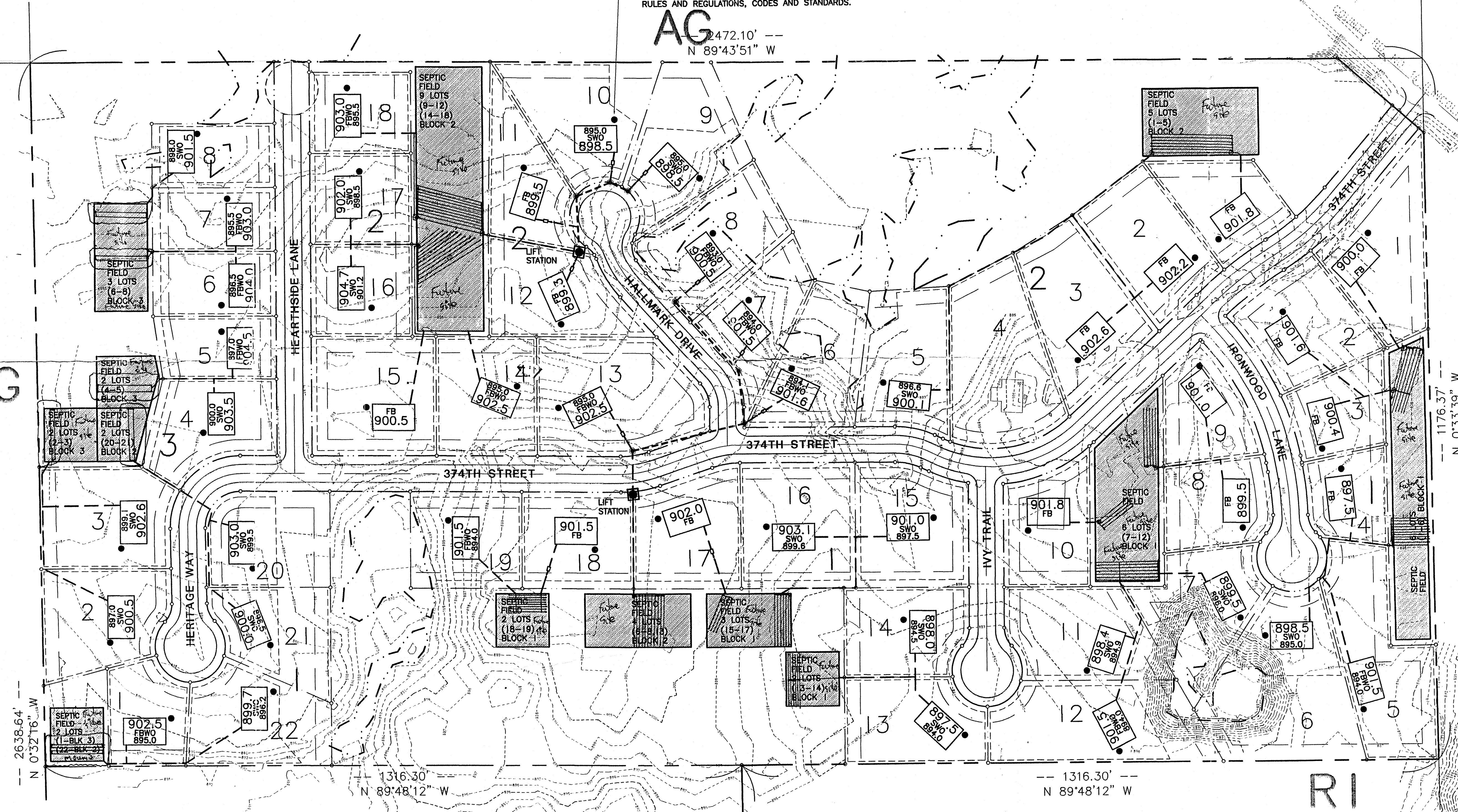
K: 15998.98-7013122.dwg Tue Mar 16 14:25:47 1999 beam



SEPTIC DETAIL



PROPOSED WELL FOR WATER SERVICE (TYP.) ALL WELLS SHALL HAVE A MINIMUM OF 50' PERMANENT CASING. MAINTAIN 50' CLEARANCE FROM SEPTIC AREA. ALL SANITARY PIPING SHALL BE PRESSURE TESTED IF IT IS TO BE LOCATED WITHIN 50 FEET OF ANY WELL. DO NOT INSTALL SANITARY PIPING CLOSER THAN 20 FEET FROM ANY PROPOSED WELL. INSTALL ALL WORK ACCORDING TO CITY OF NORTH BRANCH, CHISAGO COUNTY, AND MINNESOTA DEPARTMENT OF HEALTH RULES AND REGULATIONS, CODES AND STANDARDS.



AG

AG 2472.10' ---
N 89°43'51" W

RI

1176.37' ---
N 0°33'39" W

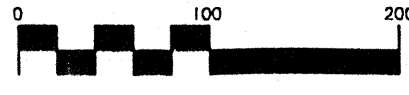
2638.64' ---
N 0°32'16" W

1316.30' ---
N 89°48'12" W

1316.30' ---
N 89°48'12" W

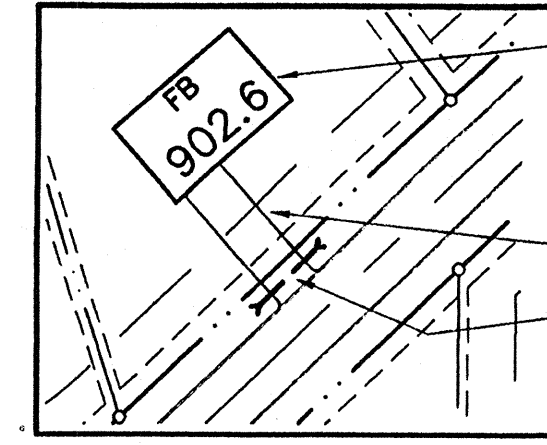
RI

DRAWN RK	DATE 2-19-98	REVISIONS REVISED LOTS & SEPTIC FIELDS	BY RK
<p>ULTEIG ENGINEERS, INC. 5201 EAST RIVER ROAD SUITE 308 MINNEAPOLIS, MINNESOTA 55421 PHONE (612) 571-2500 FAX (612) 571-1168</p>			
<p>TALL TIMBERS SEPTIC PLAN</p>			
<p>THE SIGNED DRAWING IS THE CORRECT RECORD DOCUMENT, NOT THE AUTOCAD DISKETTE.</p>			
<p>IN WITNESS WHEREOF, I, THE ENGINEER, HAVE HEREBY SIGNED AND SEALED THIS PLAN UNDER MY DIRECT PROFESSIONAL SEAL AND UNDER THE LAWS OF THE STATE OF MINNESOTA</p>			
DATE 1-4-99	REG. NO. 22572		
<p>C2 PROJECT 98-7C</p>			



LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPOSED STORM SEWER



PROPOSED HOUSEPAD AREA
w/ GARAGE FLOOR ELEV.(TYP.)
F.B = FULL BASEMENT
F.B.W.O. = FULL BASEMENT WALK OUT
S.W.O. = SPLIT WALK OUT

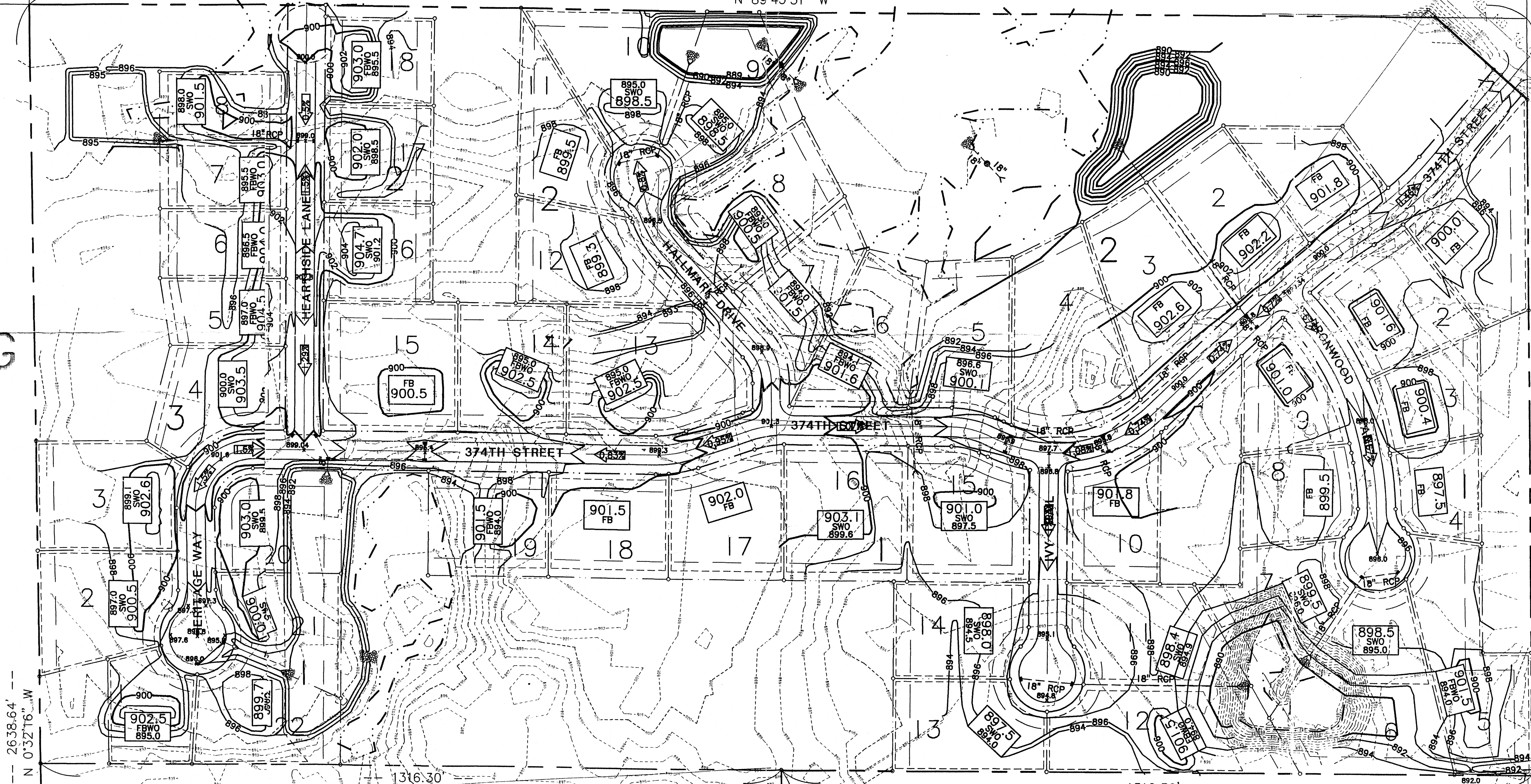
24' WIDE DRIVEWAY(TYP.)
PROPOSED DRIVEWAY
CULVERT (TYP.)

Septic Plan

RI

AG
2472.10' --
N 89°43'51" W

AG



2638.64' --
N 0°32'16" W

1316.30'
N 89°48'12" W

1316.30'
N 89°48'12" W

1176.37'
N 0°33'39" W

RI

DATE	REVISIONS	BY

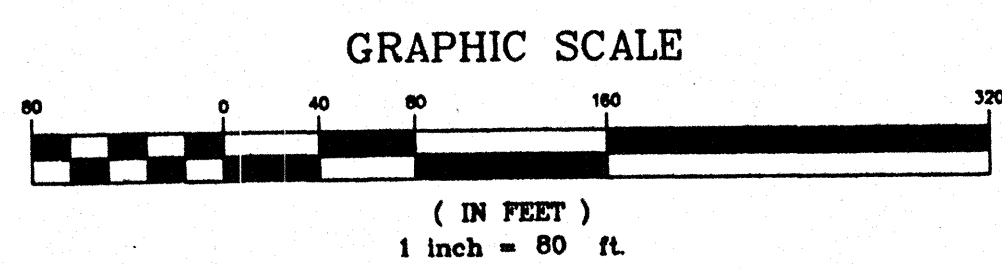
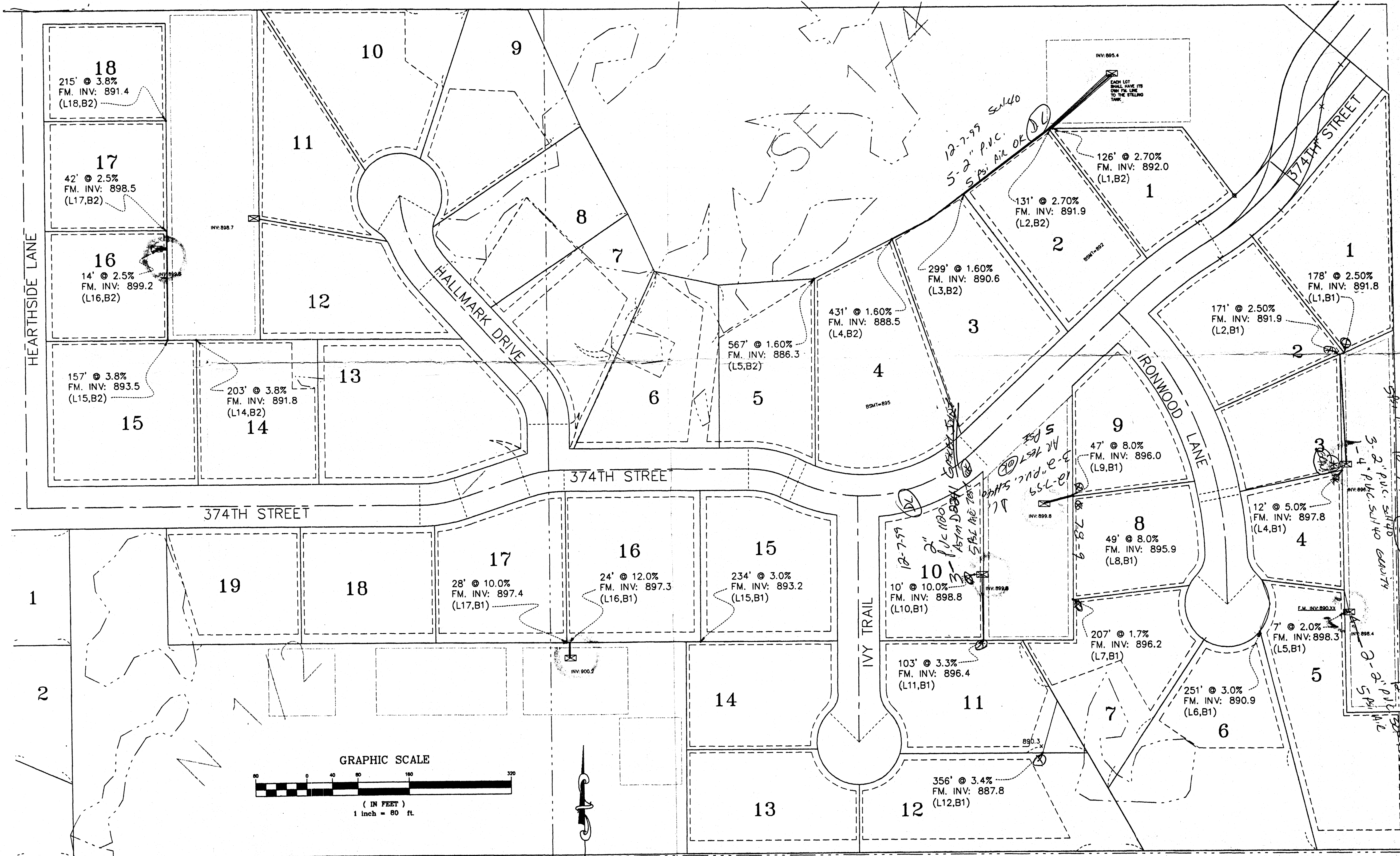
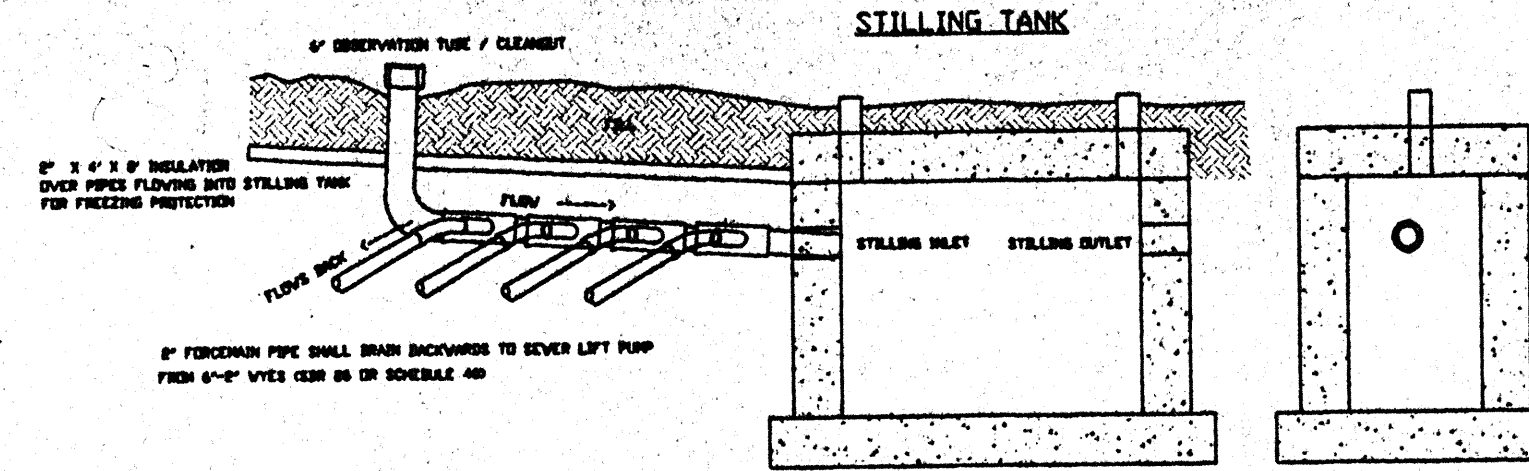
ULTEIG ENGINEERS, INC.
5201 EAST RIVER ROAD
SUITE 308
MINNEAPOLIS, MINNESOTA 55421
PHONE (612) 571-2500 FAX (612) 571-1168

NORTH BRANCH, MINNESOTA

TALL TIMBERS
GRADING & EROSION CONTROL PLAN

THE SIGNED DRAWING IS THE CORRECT RECORD DOCUMENT, NOT THE AUTOCAD DISKETTE.
I HEREBY CERTIFY THAT THE PLAN, SPECIFICATIONS, NOTES, SCHEDULES, AND DATA ARE A TRUE AND CORRECT REPRESENTATION OF THE WORK OF THE ENGINEER.
STATE OF MINNESOTA
DATE 1-4-99 REG. NO. 22572

TALL TIMBERS



REVISIONS	BY

I HEREBY CERTIFY THAT THIS PLAN OR SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA
W.A.T. McCully
 DATE: 11/30/99 REG. NO. 23138

GLENN REHBEIN COMPANIES

4851 MARLES ST. N.E.
 MINNAPOLIS, MN 55412
 TEL: (612) 784-4451
 FAX: (612) 784-0001

Supplementary Drawing of Septic Plan
TALL TIMBERS
 City of North Branch

DRAWN	SNS
CHECKED	MTK
DATE	11-30-99
VERTICAL SCALE	HORIZ. 1" = 80'
JOB NO.	99029
BOOK	PAGE
SHEET	1
OF	1 SHEETS