	· · · · · · · · · · · · · · · · · · ·	IT APPLICATION		
DATE 6-6-02 MARPROVE		ite in shaded areas)	PERMIT# 272	21
NAME LAWRY DIERTE		LE#218-768-3036	PARCEL#	2700
MAILING CO BCT CHASIC	Homes Box 443		RECEIPT# 702	23 2
TOWNSHIP SPALDING		CONFORMING SEPTIC	YES P#	NO (NEW)
LEGAL DESCRIPTION 5, 2081 OF	W. 208 OF SW/4	OF SEY4	SEC 22 TWP 47	RGE03
ZONING DISTRICT & FLOOD PLAIN ZONING DISTRICT				s DEANT
LAKE/RIVER/STREAM CLASSIF. PARCEL LOCATED IN FLOOD PLAIN? 10/100 YR FLOOD ELEVATION LOWEST FLOOR ELEVATION ELEV. CERTIFICATE REQUIRED Y		SETBACK TO BLUFF SEPTIC SYSTEM SETB SETBACK TO STRUCTURES OHW TO LAKE/RIVER	SD s <u>ack pistances</u> s <u>t</u> QNK	80'DF
	CATES	PROPERTY LINE SETBACK SETBACK TO ROAD R-O-		
DATA FOR BUILDING CONSTRUCTION: SIZE OF ALL BUILDINGS COVERED BY TH COMMENTS: <u>CONSTRUCT</u> MA STAUCHIRAL SLAB AU	HIS APPLICATION Z8X	ASSIC Homes M p He Resolance, Me PERMANIENT	10. # 200 80408 Septic	0 A
DATA FOR SEWER CONSTRUCTION: IN	ISTALLER_DALE_SAV	OBERG	#BEDROOMS/GPD	2
SOIL BORINGS PERK RATES MIN.SIZE SEPTIC TANK DRAINFIELD: MINIMUM SQ.FT MOUND: MINIMUM ROCK BED SQ FT MIN.UPSLOPE SAND WIDTH DECOMMEND AT ONE	MIN.DOWNSLOPE SA	INCHES ROCK	OW PIPE	
			and the second	
	. INFORMATION TO THIS PERI			
TOWNSHIP OR CITY USE ONLY: RECOMMEND: APPROVAL				
SIGNATURE: TOWNSHIP/CITY CLERK				
The undersigned hereby makes application for the County of Alikin, Minnesota; Minnesota inc Management Standards set forth by Minneso herewith and which are approved by the Zoni SHALL BE COVERED UNTIL IT HAS BEEN INSPECTED hours in advance) that the septic system is rea	sividual Sewage Disposal Code N ta Department of Natural Resound ng Official, shall become a part (D AND ACCEPTED, It shall be the re	tinimum Standards set forth by irces. Applicant agrees that p of the permit. APPLICANT FURTH	Minnesota Department of Hec plot plan, sketches and specif IER AGREES THAT NO PART OF T I	Ilth; and Shoreland Ications submitted HE SEWAGE SYSTEM
Noter Bjorhund, Con Signature applicant/agen	stactor & DET \$50.00 Pre On-Site:		CEIVED BY	Cel 508
EXPIRES IN ON				
Aitkin County Zoning, C	Courthouse — AITKIN, I	MINNESOTA 56431 — 1	Telephone 218/927-7	342

White - County

Pink - Applicant

FIELD EVALUATION SHEET
NAME <u>AMUPILICE</u> PERMIT # 2923 PARCEL #TWP 47 SECTION 22
CHECK THE FOLLOWING PRIOR TO INSPECTION
NAME OF SITE EVALUATOR
LOT OF RECORD BEFORE 1-21-92 (SL) IR 1-10-95 (NSL), IF NO, ALT.SITE?
ARE ISTS SITES PROTECTED FROM DAMAGE? IF NOT, WHEN
DESIGN PERC TESTS 4 SOIL BORINGS, 2 PER SITE
NUMBER OF BEDROOMS (INCLUDE POTENTIAL)
CROSS SECTION SHEET XTRENCH DESIGN SHEET MOUND DESIGN SHEET XOTHER OR PERFORM.
PRESSURE DISTRIBUTION SHEET PUMP CALC. TEST
WATER USE CALCULATIONS
GARBAGE DISPOSAL HOT TUB
EASEMENTS ON LOT, IS ROAD PUBLIC OR PRIVATE SEE DEED/PLAT NATURAL LANDSCAPE PROTECTION PLAN
STAKING: BUILDINGS <u>X</u> , DRAINFIELD <u>X</u> , BORINGS , WELL
BUILDING SETBACKS: ROAD, SIDE, REAR, BLUFF,
LAKE/RIVER COMPLETE DURING SITE EVALUATION
BUILDINGS STAKEDDRAINFIELD STAKEDBORINGS STAKED
WELL STAKED
STREED & CITCH (NOTE & STELD TO THE THEORY & NUCLE)
SETBACKS (MEASURE DISTANCE) DRAINFIELD HOUSE
FLOOD PLAIN YES/NO, YES/NO,
WETLANDS YES/NO YES/NO
LAKE, RIVER, PROTECTED WATERS $\frac{N/H}{75'}$
BLUFF NG NO
SIDE LOT LINE $\frac{1}{10000000000000000000000000000000000$
REAR LOT LINE
WELL > 131 WESS STRUCTURE
EASEMENTS
NEIGHBORING WELL (S) TO ISTS(2)(3)(4)
DRAINFIELD AREA DISTURBED
CONFORMING SEPTIC SYSTEM:YESNO If no, list geasons below.
COMMENTS OR PROBEMS (drainage, swales, wetlands, need gutters, etc.) to BR the SMULLS
APPROVED: YES OR NO
INSPECTORS NAME A MALL DATE 6-6-02 # PICTURES

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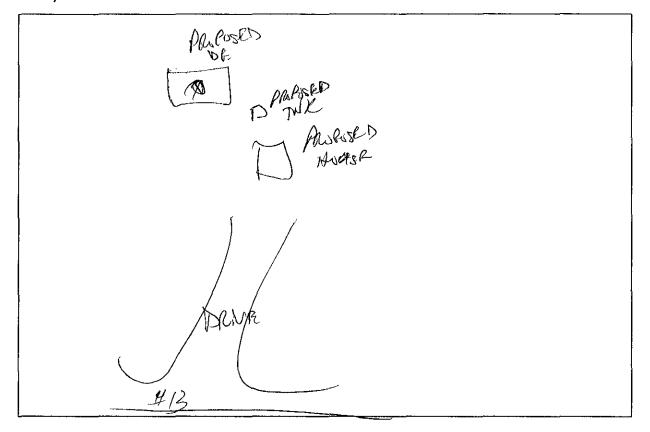
SOIL BORING LOGS AND SKETCH PLAN ON REVERSE SIDE

SOIL BOR	ING LOG #1 TEXTURE	COLOR	SOIL BOR	ING LOG #2 TEXTURE	COLOR
0-4/11	TUPSU: C	<i></i>			
811-6	o" SAND				
No	MOTTORS @	614			1
			-		
					-

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IDENTIFY LOCATIONS OF: (BORINGS, NEIGHBORING STRUCTURES, WELLS, DRAINFIELDS, DRAINAGE PATTERNS, OR OTHER FEATURES THAT MAY IMPACT THE SITE).



DSPPRCL1 Display Pa	rcel Description 6/05/02 09:29:29
1	, Notes: No
Parcel number/Tax year: 30-0-037502	2003 Reference parcel: 00230000037502
Owner(s): 98864	Parcel type : RE Hold tax stmt:
PIERCE, LAWRENCE	Com district: 3 Misc1/2:
17648 360TH ST	Escrow agent:
MCGREGOR MN 55760	Mortgage hld:
	UTA: Twp/City School **** **** **** ****
	030 0004 00 00 00 00
Taxpayer: 98864 FALCO: 1 F.O.	TIF district: 000 000
PIERCE, LAWRENCE	Lake#/name :
17648 360TH ST	Property adr:
MCGREGOR MN 55760	
	Emergency# :
	Twp/City Plt: SPALDING TWP
Alternate taxpayer:	Sec/twp/rge : 22 47.0 23 Acres: 1.00
	Plat:
	Description: Lot/Block . :
1	AC IN SW OF SE IN DOC 168830

Press Enter to continue or enter new parcel/tax year. <u>30-0-037502</u> <u>2003</u> F1=Full desc F2=Trans hist F3=Exit F6=Prcl hist F7=Backward F9=Escrow hist F12=Cancel F17=Display notes F18=Rebate

SUPPLEMENTAL DATA FOR LAND USE PERMITS

Page 1 of 2

*** COMPLETE BOTH SIDES ***

A	. PLANNING CHECKLIST (required):			
		YES	NO	???
1.	Are you aware of setback requirements and will your project meet them? Note: Setback distances are taken from any projection of the building (i.e. overhangs, eaves, decks, etc.)	.K		
2.	Have you taken in consideration locations for future buildings, septic systems, decks, driveways, etc?		\mathbb{Z}	
3.	Are there any lowlands or wetlands on or near the site project?		[X]	
4.	Is there a steep slope or bluff on or near the site? (If yes, complete Section D)	. 🗆	\mathbf{X}	
5.	Will the project involve the clearing of trees or shrubs within the Shore Impact Zone of a lake or river? (If yes, complete Section D)		K	
6.	Will the project involve grading, filling or landscaping within the shoreland district of a lake or river? (If yes, complete Section D)		Ŕ	
If it abo	Is your property in a floodplain? t is, the lowest floor(which includes basement or crawl space, regardless of a dirt floo ove the 100-year flood elevation. A benchmark established by a registered surveyor or uired before granting a land use permit.	r) must b		

PRE-EVALUATION INSPECTION REQUEST (required): Β.

Defining and staking the property lines, road right-of-ways, septic sites, and wells are the responsibility of the property owner. In some cases, a registered survey may be required to verify setbacks before granting a permit.

ALL PROPOSED DEVELOPMENT REQUESTS MUST BE CLEARLY STAKED AT ALL FOUR CORNERS IF APPLICABLE, IF STAKES ARE NOT PRESENT OR VISIBLE IT MAY RESULT IN ADDITIONAL FEES OR A DELAY IN THE PERMIT PROCESS.

The undersigned hereby makes application for a pre-evaluation permit inspection, agreeing that all setback information and delineation of property lines, well location, road setbacks, and development corners have been properly marked in accordance with the standards and requirements of the Aitkin County Ordinances.

Telephone Number between the hours of 8:00 A.M. a Landowner: KARKY ALERCE	
Landowner: <u>KARAY PIERCE</u> Address: 40° BCZ CLASSIC HOMES TM	BOX 443 MCGREGOR 55760
LANDOWNER SIGNATURE: X Molect 7	miklen antest la mar

42 Ordinances and Publications are available FREE online at: www.aitkin.mn.us

WE LOOK FORWARD TO WORKING WITH YOU

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Page 2 of 2 *** COMPLETE BOTH SIDES ***

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C. Directions to your Property (required): From a major intersection: DMATE HIGHWAY 65 TO COUNTY 13 \$ EAST ON
COUNTY 13 ABOUT 4 MILES PROPERTY ON NORTH-SIDE OF B
D. NATURAL LANDSCAPE PROTECTION PLAN: Complete this section only if you were directed to in Section A <u>OR</u> if you are working near a lake grant stream.
1. Description of proposed construction: CONSTRUCT 28X46 MANUFACTURED HOME
PERMANENTLY ATTACHED SO A STRUCTURAL SLAD OVER A CRAWLSPACE
2. Existing vegetative cover (e.g., forested, grass, shrub, lawn, etc.)? <u>GRASS & TREES</u>
3. Setback from the Ordinary High Water Level (OHW) for proposed construction? <u>NA</u>
4. How much excavation or fill work is being done <u>inside</u> the Shore Impact Zone (SIZ)? <u>WONE</u> (If excavation or fill work greater than 10 cu yds is being done, supply copy of Site review from SWCD [*]) (The SIZ: Mississippi River & NE Lakes =75 feet, RD & GD iakes =50 feet, other waters-see ordinance)
5. How much excavation or fill work is being done <u>outside</u> the Shore Impact Zone (SIZ)? <u>JUST FIU</u> UNDER SHAP (If excavation or fill work greater than 50 cu yds is being done, supply copy of Site review from SWCD [*])
6. What percent slope of the land currently exists on the construction site? Abstruct (If the percent slope is greater than 20%, supply copy of Site review from SWCD)
7. How much clearing of trees and shrabs will be done inside the Shore Impact Zone (SIZ)? <u>NONE</u> (If vegetation will be cleared in the SIZ, supply copy of Site review from SWCD [*])
8. How will erosion be controlled during construction? <u>HAY BALES IF NECESSARY</u>
9. What will be done after construction to control erosion? <u><u><u>RCNMNT</u>GLASS</u></u>
I have read the above and I understand the Natural Landscape Protection Plan as prepared. I hereby agree to implement this plan as part of the Land Use Permit.
X <u>Moful Aportanu Communol 4/102</u> V Loo V V Date Landowner Signature for Owner Date Zoning Official Date

The Aitkin County Soil and Water Conservation District (SWCD) 130 Southgate Center, Aitkin MN 56431 - Telephone (218) 927-6565 or <u>swcd@mlecmn.net</u>

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pzshare/forms/supplimental_landuse doc

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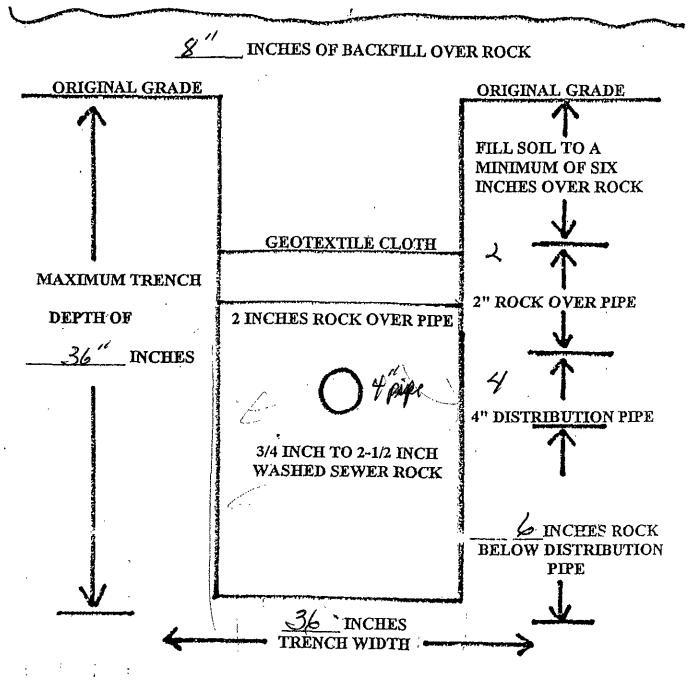
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FIELD EVALUATION SHEET
PRELIMINARY EVALUATION DATE <u>(14/02</u> , FIELD EVALUATION DATE <u>JUNE 4-2000</u> PROPERTY OWNER: <u>LARNY FIENCE</u> ADDRESS: <u>180 49 -360 sr.</u> CITY, STATE, ZIP: <u>AC6 RE60R</u> <u>MN 55760</u> EGAL DESCRIPTION: <u>50, 208 Feet OF West 208 Feet OF SW 40F SE 14</u> PIN# <u>30-0</u> <u>05502</u> SEC <u>72</u> T <u>47</u> R <u>23</u> TWP NAME <u>SPALDIN 6</u> FIRE#LAKE/RIVERLAKE CLASS <u>MA</u> OHWL F
DESCRIPTION OF SOIL TREATMENT AREAS
AREA #1 AREA #2 REFERENCE BM ELEV. O F DISTURBED AREAS YES NO YES NO REFERENCE BM DESCRIPTION COMPACTED AREAS YES NO YES NO YES NO REFERENCE BM DESCRIPTION FLOODING YES NO YES NO YES NO FOR RUN ON POTENTIAL YES NO YES NO YES NO FOR SLOPE % JIRECTION OF SLOPE AREA YES NO YES NO FOR ANDSCAPE POSITION YES YES Brush Town & Brush Town & Brush
DEPTH TO STANDING WATER OR MOTTLED SOIL: BORING# 1 $\frac{72^{"}}{14}$, 1A $\frac{72^{"}}{24}$, 2 $\frac{14^{"}}{24}$, 2A $\frac{14^{"}}{24}$
<u> 30TTOM ELEVATIONFIRST TRENCH OR BOTTOM OF ROCK BED</u> : #1 <u>-4ら</u> FT., #2 FT.
SOIL SIZING FACTOR: SITE # 1 / 27 , SITE #2 / 27
CONSTRUCTION RELATED ISSUES: CONSTRUCT NEW MANNEAD HOME ON STRUCTURE SLAB WELL & SEPTIC
.IC# 714 SITE EVALUATOR SIGNATURE: Dale Canthing
SITE EVALUATOR NAME: Nale CandburgTELEPHONE# 218-485-405-8
UG REVIEW DATE June 4 2002
Comments:
SOIL BORING LOGS ON REVERSE ARPROVED ONSITE INSPECTION SIGN SIGN
Form des 2/20/98

	1
PROPERTY OWNER LARRY PIERCE	L.
	SANANIA
PIN#	SP/HDJ/NO FIRE#
DESIGNER NAME Pule Sog aberg	DATE June 41-D2
SIGNATURE: ALAN, AL TRACE LICENS	F# T/CZ
DATE: June 4-02	SITE EVALUATION # 714
WATER HER ADDITION	
CLOTHES WASHER VS WATER SOFTNER VO DISHWASHED	
CLOTHES WASHER 105 WATER SOFTNER 10 DISHWASHER 105 UMBER OF BEDROOMS 2 TYPE: GARBAGE DISPOSAL YE VELL: DEEP (50'+) X SHALLOW SETBACKS: TANK 10 DISHWASHER	HUMIDIFIERNO
SETBACKS: TANK IN DRAINER	AIR TEST: YES NOC
· · · · · · · · · · · · · · · · · · ·	ELD AD SEWER LINE SOL
FLOW	
A ESTIMATED 360 GPD OR MEASURED GPD	
3. SEPTIC TANK VOLUME 1060 GALLONS	
21. ALARM TYPE NONEGALLONS	EST. FLOW IN GALLONS/ DAY (GPD)
	NUMBER
SOILS	OF TYPEI TYPEII TYPEII
J DEPTH TO RESTRICTING LAVER 61	BEDROOMS
E. MAXIMUM SYSTEM DEPTH (D-3) 3 FT OR ELEV	2 300 225 180
PERCOLATION RATE	3 450 300 218
	4 600 375 256 5 750 450 204
3. SOIL SIZING FACTOR 1.27 SQ FT/GPD	A 100 234
	7 1050 600 370
TRENCH BOTTOM AREA	8 1200 675 408
$3=300 \times 127 = 381$ SQ.FT.	SEPTIC TANK CAPACITY
12 IN. OF ROCK: A VG V D - 306 200	
18 IN. OF ROCK: A X G X 0.66= X 0.8 = 305 SQ.FT	NUMBER MINIMUM MINIMUM
12 IN. OF ROCK: $A \times G \times 0.65 = 300 \times 200 \times 100 \times 100$	NUMBER MINIMUM MINIMUM OF TANK CAPACITY
18 IN. OF ROCK: $A \times G \times 0.66 = 0.00 \times 0.8 = 305$ SQ.FT 24 IN. OF ROCK: $A \times G \times 0.66 = \times \times .66 = SQ.FT$	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL
BED BOTTOM AREA (C OD 40 WEVE	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500
BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: 15 X A X C = 15	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250
24 IN. OF ROCK: $A \times G \times 0.6 = $ XX.00 =SQ.FT. BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: 1.5 x A x G= 1.5 xX =SQ.FT.	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250 7 OR 8 2000 3000
24 IN. OF ROCK: A x G x 0.6 = x .6 = SQ.FT.	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250
BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times 20.FT$ PRESSURE BEDS: $A \times G = 1.5 \times 20.FT$ BOCK VOLUME IN SUME	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE
BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times 20.FT$ PRESSURE BEDS: $A \times G = 1.5 \times 20.FT$ BOCK VOLUME IN SUME	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250 7 OR 8 2000 3000 OVER 9 SEE FIG C-6 (x 1.5)
BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times 20.FT$ PRESSURE BEDS: $A \times G = 1.5 \times 20.FT$ BOCK VOLUME IN SUME	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250 7 OR 8 2000 3000 OVER 9 SEE FIG C-6 (x 1.5)
24 IN. OF ROCK: A x G x $0.6 = x^{-1}$ x $.600 = SQ.FT.$ BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times x^{-1} = SQ.FT.$ PRESSURE BEDS: A x G = x = SQ. FT. ROCK VOLUME IN CU FT ROCK DEPTH BELOW PIPE + 0.5FT.x(H(1)) = $305 = 305$ CU FT	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250 7 OR 8 2000 3000 OVER 9 SEE FIG C-6 (x 1.5) SIZING FACTORS PERC RATE SOIL SQFT GALLONS /DAY
24 IN. OF ROCK: A x G x $0.6 = x^{-1}$ x $.6 = 30.FT$ BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times x^{-1} = 30.FT$ PRESSURE BEDS: A x G = $x = x^{-1} = 30.FT$ ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU YDS ROCK VOLUME IN CU YDS	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250 7 OR 8 2000 3000 OVER'9 SEE FIG C-6 (x 1.5) SIZING FACTORS PERC RATE SOIL SOFT GALLONS /DAY //OAY /SOFT
24 IN. OF ROCK: A x G x $0.6 = x - x \cdot 6 = 0$ BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times x = 0$ PRESSURE BEDS: A x G = $x = 0$ ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU YDS ROCK VOLUME IN CU YDS ROCK WEIGHT	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE <u>GALLONS</u> DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250 7 OR 8 2000 3000 OVER 9 SEE FIG C-5 (x 1.5) SIZING FACTORS PERC RATE SOIL SOFT GALLONS ICAY ISCF < THAN 0.1
24 IN. OF ROCK: A x G x $0.6 = x - x \cdot .6 = 0$ BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times x - 2 = 0$ PRESSURE BEDS: A x $G = x - 2 = 0$ ROCK VOLUME IN CU FT ROCK DEPTH BELOW PIPE $+ 0.5FT.x(H(1)) = 1.00 \times 10^{-3} \times 10^{-3}$	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250 7 OR 8 2000 3000 OVER 9 SEE FIG C-6 (x 1.5) SIZING FACTORS PERC RATE SOIL SQFT GALLONS /DAY 'CAY 'SC'' THAN 0.1 COARSE SAND 0.1 TO 5 SAND 0.83 1.20 0.1 TO 5 FINE SAND 1.157 0.60
24 IN. OF ROCK: A x G x $0.6 = x^{-1}$ x $.6 = 30.FT$ BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times x^{-1} = 30.FT$ PRESSURE BEDS: A x G = x^{-1} = 30.FT. ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU YDS ROCK VOLUME IN CU YDS N. $305 + 27 = 1/75$ CUYDS FUNCTIONS	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 5 OR 6 1500 2250 7 OR 8 2000 3000 OVER'9 SEE FIG C-6 (x 1.5) SIZING FACTORS PERC RATE SOIL SOFT GALLONS /CAY /SCFT TEXTURE GALLONS /DAY 0.1 TO 5 SAND 0.83 1.20 0.1 TO 5 FINE SAND 1.67 0.60 6 TO 15 SANDY LOAM 1.27 0.79
24 IN. OF ROCK: A x G x $0.6 = x^{-1}$ x $.6 = 30.FT$ BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times x^{-1} = 30.FT$ PRESSURE BEDS: A x G = x^{-1} = 30.FT. ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU YDS ROCK VOLUME IN CU YDS N. $305 + 27 = 1/75$ CUYDS FUNCTIONS	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE
24 IN. OF ROCK: A x G x $0.6 = x^{-1}$ x $.6 = 30.FT$ BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times x^{-1} = 30.FT$ PRESSURE BEDS: A x G = x^{-1} = 30.FT. ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU YDS ROCK VOLUME IN CU YDS N. $305 + 27 = 1/75$ CUYDS FUNCTIONS	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 3 OR 4 1000 1500 2 OR B 2000 3000 5 OR 6 1500 2250 7 OR 8 2000 3000 OVER 9 SEE FIG C-6 (x 1.5) SIZING FACTORS PERC RATE SOIL SQFT PI TEXTURE GALLONS /DAY -
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24 IN. OF ROCK: A x G x $0.6 = x_{x.6} = SQ.FT.$ BED BOTTOM AREA (6 OR 12 INCHES OF ROCK) SEEPAGE BEDS: $1.5 \times A \times G = 1.5 \times x_{x.6} = SQ.FT.$ PRESSURE BEDS: $A \times G = x_{x.6} = SQ.FT.$ ROCK VOLUME IN CU FT ROCK VOLUME IN CU FT ROCK VOLUME IN CU YDS ROCK VOLUME IN CU YDS N. 305 + 27 = 1.5 CUYDS SYSTEM LENGTH OTTOM AREA (H-K) 30 + TRENCH WIDTH 3/ = 127 LAWN AREA	NUMBER MINIMUM MINIMUM OF TANK CAPACITY BEDROOMS CAPACITY GARBAGE GALLONS DISPOSAL 2 OR LESS 1000 1500 3 OR 4 1000 1500 3 OR 4 1000 1500 3 OR 6 1500 2250 7 OR 8 2000 3000 OVER'9 SEE FIG C-6 (x 1.5) SIZING FACTORS PERC RATE SOIL SOFT GALLONS //CAY /SCFT TEXTURE GALLONS PI TEXTURE GALLONS 0.1 TO 5 SAND 0.83 0.1 TO 5 FINE SAND
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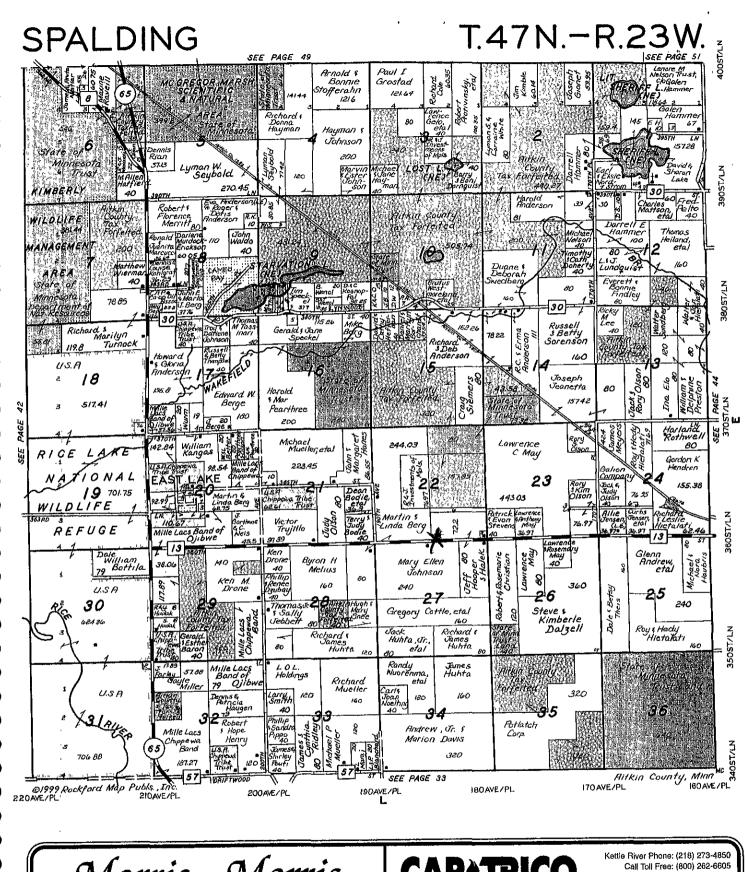
TRENCH CROSS-SECTION

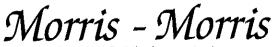
FINISHED GRADE



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SHO	OW EXISTING OR PROPOSED WATER WELLS WITHIN 100 FT OF TREATMENT AREAS	E FOLLOWING BEEN D	RAWN ON THE MAP??	
	TRUSSORE WATER LINES WITHIN 10 FT OF TREATMENT ARE	4S	. '	
LA	LL SOIL TREATMENT AREAS	INDICATE E	LEVATIONS	
LI F	ORIZONTAL AND VERTICAL REFERENCE OINT OF SOIL BORINGS DIRECTION OF SLOPE OT EASEMENTS	BENCHMAR		/
ЦС	ISTURBED/ COMPACTED ADEAS	<u>ELEVATION</u>	OF SEWER LINE @ HOUSE - @ TANK INLET - 2,5'	<u>-/`</u>
	ITE PROTECTION-LATHE AND RIBBON EVERY 15 FT CCESS ROUTE FOR TANK MAINTENANCE UIRED SETBACKS	ELEVATION	@ BOTTOM OF ROCK LAYER	<u> 7405</u>
		RESTRICTIV		
COM	IMENTS:	ELEVATION (DE PUMP NON & DE DISTRIBUTION DEVICE	35
DES	IGNER SIGNATURE Dale Cando			<u></u>
LICE	ENSE#7/4	DATE	"el Hoz	

5423/2 0.-6" TOPSOIL SYN 3/2 (1) 0-6" TO PSOIL 5423/2 5 YEN 542,5/4 NO MOTING 6"- 14" CLAM SYRS/ 9~705 - 705 201 - 705 0 9~11/100 - 701 - 701 6"-72" Stato Lotto NO MOTING 5. 208 0 F W. 208 ' 0 F SW YY 0 F SE YY (1 AC) 4" = 10' Sect 32, T47, R23 6"-14" CLAY S P Ĵ **FIERCUE** (M) HOUSE 28 PLAN イヨー LANET SIF MY 12 4 200





Certified Public Accountants PROFESSIONAL SERVICE AT REASONABLE RATES

(218) 927-4270

214 - 1st Avenue Northwest • Aitkin, Minnesota 56431 DON MORRIS, CPA DALE MORRIS, CPA CAPATRICO OIL & PROPANE COOPERATIVE

Fax: (218) 273-6130 McGregor Phone: (218) 768-2046 Call Toll Free: (800) 810-7269 Fax: (218) 768-2109 43

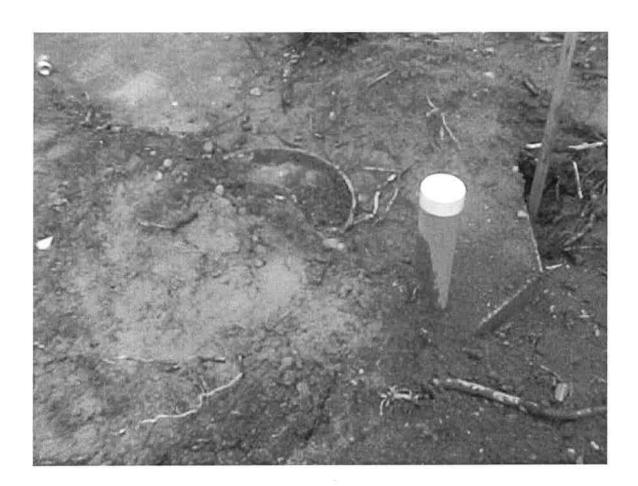
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Bruce Munter, General Manager

AITKIN COUNTY CERTIFICATE OF COMPLIANCE/NOTICE OF NONCOMPLIANCE

This certificate of compliance/notice of noncompliance has been issued this day of7/18/02to certify compliance\noncompliance with		
day of <u>7/1870</u> to certify compliance\noncompliance with Aitkin County's Individual Sewage Treatment System and Wastewater Ordinance No.		
1. The premises covered by this certificate are legally described as:		
S. 208' of W 208 of SW 1/4 of SE 1/4		
Section 22 Township 47 Range 23 Lake MA		
PERMIT NO. 29231 Owner Name Jarry pierce		
Address Box 443 Mc Gragor, Mn. 55766 C/o Bes Clarsic Homos		
Installer Name <u>Dale Sand Barg</u> Type of System Inspected <u>Rick Trenchs</u>		
Type of System Inspected Rack Trenchs		
The certificate of compliance/notice of noncompliance was based on, No / of the following:		
Inspection of the installation or construction as in accordance with the		
above referenced permit and application design.		
2) Review of as-built plans submitted in accordance with Subdivision 4.21 C. Of Aitkin County's Individual Sewage Treatment System and Wastewater Ordinance No. 1.		
If the above permitted individual sewage treatment system is in noncompliance with Aitkin County's Individual Sewage Treatment System and Wastewater Ordinance No. 1, then the following shall serve as a Notice of Violation: 1) Statement of the findings of fact through inspections or investigations:		
2) List of specific violations of Ordinance:		
3) Requirements for correction or removal of violations:		
4) Time schedule for compliance:		
Failure to correct or remove the above violations will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action which may result in revocation of licenses or registrations, fine's and/or		
imprisonment.		
INSPECTOR SIGNATURE for Julien		
c:\wp61\terry.dir\certform.doc		





	EATMENT SYSTEM INSPECTION FORM COUNTY, MINNESOTA
	Date of Inspection $\frac{7/17/02}{2}$ Permit Number $\frac{29231}{2}$
Owner Larry Pierce	Parcel Number 30 - 0 × 03 7 50
Project Address 5208' of W 208' of	SW/408SW14 Installer Dalo Saulburg
City Zip Code	era in
	DIST. OF DROP BOX & TYPE 4 Tuff
SETBACKS: Buildings to tank(s) 15'	TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD: Trench depth 24"
Buildings to drainfield 60'	Trench length 4 X 3 7'
Well(s) 50' or 100'	Trench bottom width
Lake/Creek/Wetland/ A	Trench bottom level
SEPTIC TANKS:	Trench spacing6
Liquid capacity	Drainfield rock below pipe_6
Manufacturer & type <u>pre-cast</u> Joec.	
Type of baffle plastic	Depth of backfill 12 "
Inspection pipes <u> </u>	Absorption area: square feet <u>381</u>
No. & height of risers?	lineal feet 175
	PUMPS:
MOUNDS: Percent slope	
Upslope dike width	
Downslope dike width	
Sideslope dike width	
Drainfield rock below pipe	Horsepower & GPM
Depth of sand below rock	Feet of head
Perforation size & spacing	Cycles per day
Pipe size & spacing	Gallons per cycle
Dimensions of rock bed	Size of discharge line
Dimensions of sand base	
Final cover	
DRAWING OF SYSTEM	32 Cycle counter (commercial) 32 Rock Trenchis Soil pitt
	32' Rick I'm For 1 7.5 VK 3/
	32' M 8 TO 40" Soul 75 4
	32' Rick Harden Soil 7.5 YK 3/3 37' 8 Torsail 7.5 YK 3/3 8 To 40" Soul 7.5 YK 40 To 72 For 7.5 YK Soul 9/4
	Internet in 2:4
	House
	$\overline{\mathcal{A}}$
	154
	(v)
	1 sp
Inspector's Comments	
Connective Action Denviced	
Corrective Action Required	
h	
1	
/b) II	
Inspector's Signature	Installer's Signature
White-County	Yellow-Applicant Pink-Installer

nspector's Signature_	
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