

12/20/2007

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Groundwater and Wastewater Services File Imaging Project
May 2007
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DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

DLO

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

#1 / 3128
PO 013-161-01
Lot #1

OWNER: Hanover Lee LLC, Steve McLeod APPLICANT: ___
ADDRESS: 19701-D Highway 73, Davidson APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: .61
LOCATION OF SITE: off Stephens Road PROPERTY RECORDED: ___
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE % (6/96 4-10%)	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS	0-4"	gr/cl	Fr/SEXP/SS/SP	>46" To Chroma 2 Mottles	46"	N/A	None	PS .3g/F2 IV
		4-30"	SBK/c	Fr-Fi/SEXP/S/P					
		30-46"	SBK/cl	Fr/SEXP/SS/SP					
2	LS	0-6"	gr/cl	Fr/SEXP/SS/SP	>46" To Chroma 2 Mottles	46"	N/A	None	PS .3g/F2 IV
		6-48"	SBK/c	Fr-Fi/SEXP/S/P					
3	LS	0-4"	gr/cl	Fr/SEXP/SS/SP	>46" To Chroma 2 Mottles	46"	N/A	None	PS .3g/F2 IV
		4-48"	SBK/c	Fr-Fi/SEXP/S/P					
4	LS	0-6"	gr/cl	Fr/SEXP/SS/SP	>48" To Chroma 2 Mottles	46"	N/A	None	PS .3g/F2 IV
		6-48"	SBK/c	Fr-Fi/SEXP/S/P					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)		

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): Provisionally Suitable
EVALUATED BY: William R. Marti 4-26
OTHER(S) PRESENT: ___

OMMENTS: 1006 Repair - would have to be pumped to remote site

LEGEND

use the following standard abbreviations

ANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
V (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
(Drainage Way)					EXP (Expansive)	CR (Crumb)
S (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
P (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
S (Foot Slope)						ABK (Angular Blocky)
(Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
(Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
(Nose Slope)		CL (Clay Loam)				
(Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
(Shoulder Slope)		SUC (Silt Loam Clay)				
(Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

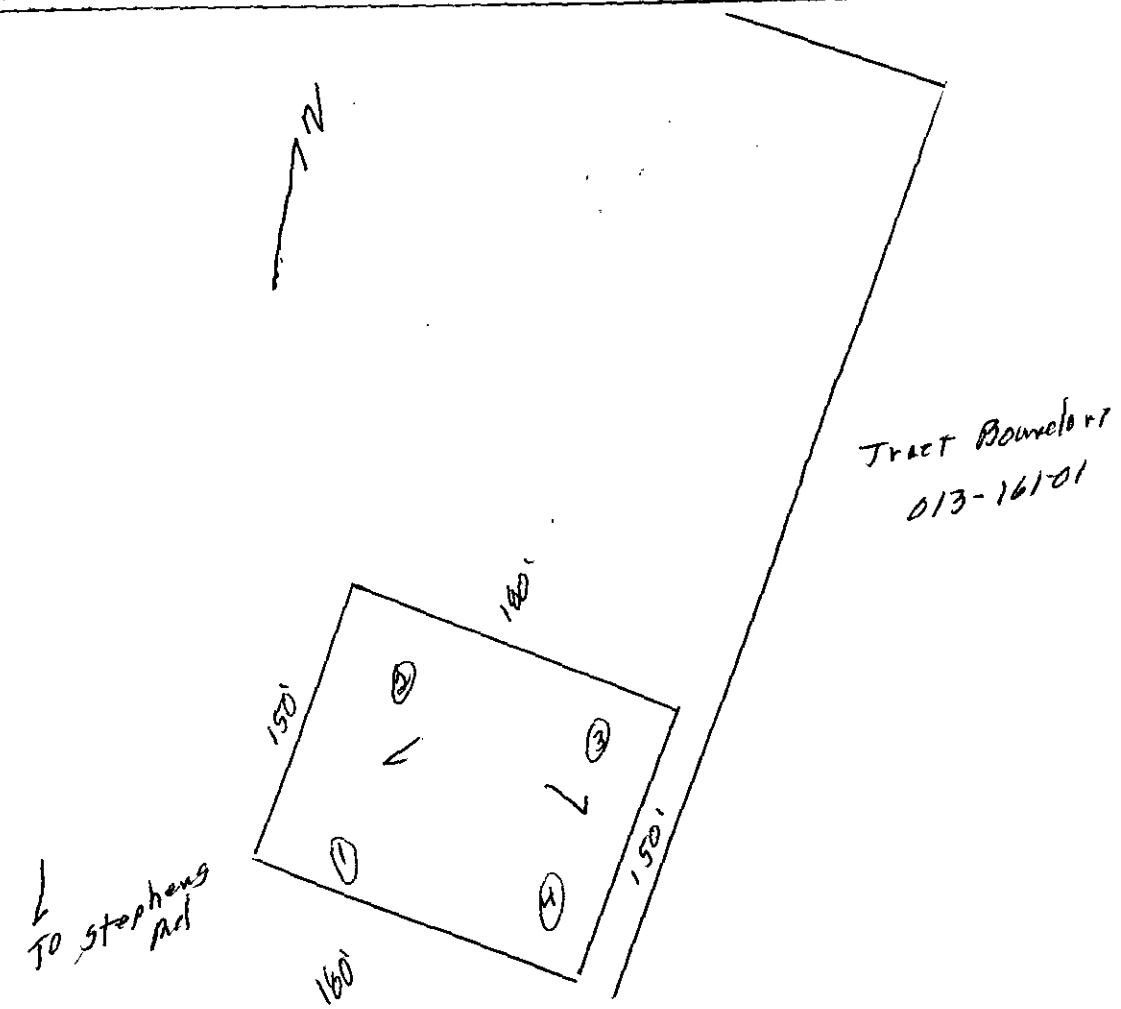
OTES

ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRICTIVE HORIZON	Thickness and depth from land surface
APROLITE	S(suitable) or U(unsuitable)
OIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
LASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

valuation of saprolite shall be by pits.

ong-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



FEE: 100.00
DATE: 4/1/96
CK# 266

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: ✓ NEW SYSTEM __ EXPANSION/ ALTERATION OF EXISTING SYSTEM __ REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 3128

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: Part of 13-161-01

STREET ADDRESS: Stephens Road

SUBDIVISION OR MOBILE HOME PARK NAME: Shenan Lea

LOT NUMBER: 1

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S) __ MODULAR HOME (M)
__ DOUBLE WIDE (D) __ MULTIPLE FAMILY (U)
__ HOUSE (H) __ OTHER (O)

TOWNSHIP (CHECK ONE):

✓ 0 MECKLENBURG __ 4 PINEVILLE
__ 1 CHARLOTTE __ 5 MATTHEWS
__ 2 DAVIDSON __ 6 HUNTERSVILLE
__ 3 CORNELIUS __ 7 MINT HILL

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS: 8

FOUNDATION FOR RESIDENCE:

✓ WITHOUT BASEMENT
✓ ON SLAB
✓ CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ WITH BASEMENT /NO PLUMBING

COPY

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION: None

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: __ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):
__ COMMUNITY (C) __ MUNICIPAL (M) ✓ PRIVATE WELL (P)
__ SHARED WELL (S) __ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES __ YES ✓ NO
EXISTING WASTEWATER SYSTEMS __ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS (as shown) ✓ YES __ NO
WELL, SPRINGS OR WATERLINES __ YES ✓ NO
DESIGNATED WETLANDS __ YES ✓ NO

PROPERTY OWNER: Shenan Lea LLC

NAME: (LAST) McLeod (FIRST) Steve (MI) ,

ADDRESS: 19701-D Hwy 73

CITY: Davidson STATE: NC ZIP: 28036

DAYTIME PHONE: (704) 896-5552

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) Jacobs (FIRST) Tonya (MI) C

DAYTIME PHONE: 704 633-6905

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? Spring 96

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: Tonya C Jacobs, CPSS DATE: 3/28/96

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

1-0-4" cl

4- 30" c

30-46" cl

2-0-6" cl

4-46-c

3-0-4" cl

4-46-c

4-0-6" cl

6-46" c

150
160
000
120
30
270

FEE: 100.00
DATE: 4/11/96
CK# 266

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[ ] CRT

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NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 1312B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

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STREET ADDRESS: Stephens Road

SUBDIVISION OR MOBILE HOME PARK NAME: Shenan Lea

LOT NUMBER: 1

TOWNSHIP (CHECK ONE):

✓ 0 MECKLENBURG
__ 1 CHARLOTTE
__ 2 DAVIDSON
__ 3 CORNELIUS
__ 4 PINEVILLE
__ 5 MATTHEWS
__ 6 HUNTERSVILLE
__ 7 MINT HILL

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
__ HOUSE (H)
__ MODULAR HOME (M)
__ MULTIPLE FAMILY (U)
__ OTHER (O)

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS: 4

NUMBER OF OCCUPANTS: 8

FOUNDATION FOR RESIDENCE:

✓ WITHOUT BASEMENT
✓ ON SLAB
✓ CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION: None

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: __ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):
__ COMMUNITY (C)
__ MUNICIPAL (M)
✓ PRIVATE WELL (P)
__ SHARED WELL (S)
__ OTHER 'SPRINGS' (O)

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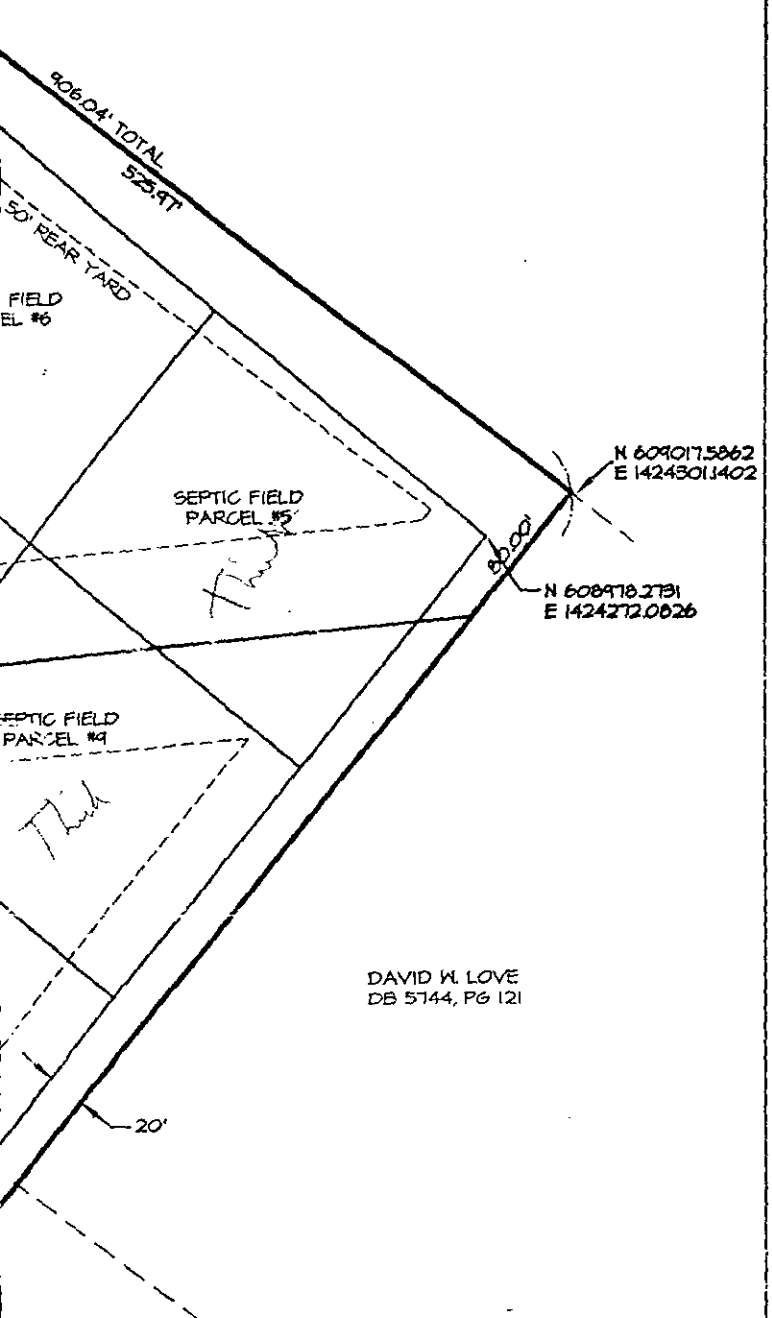
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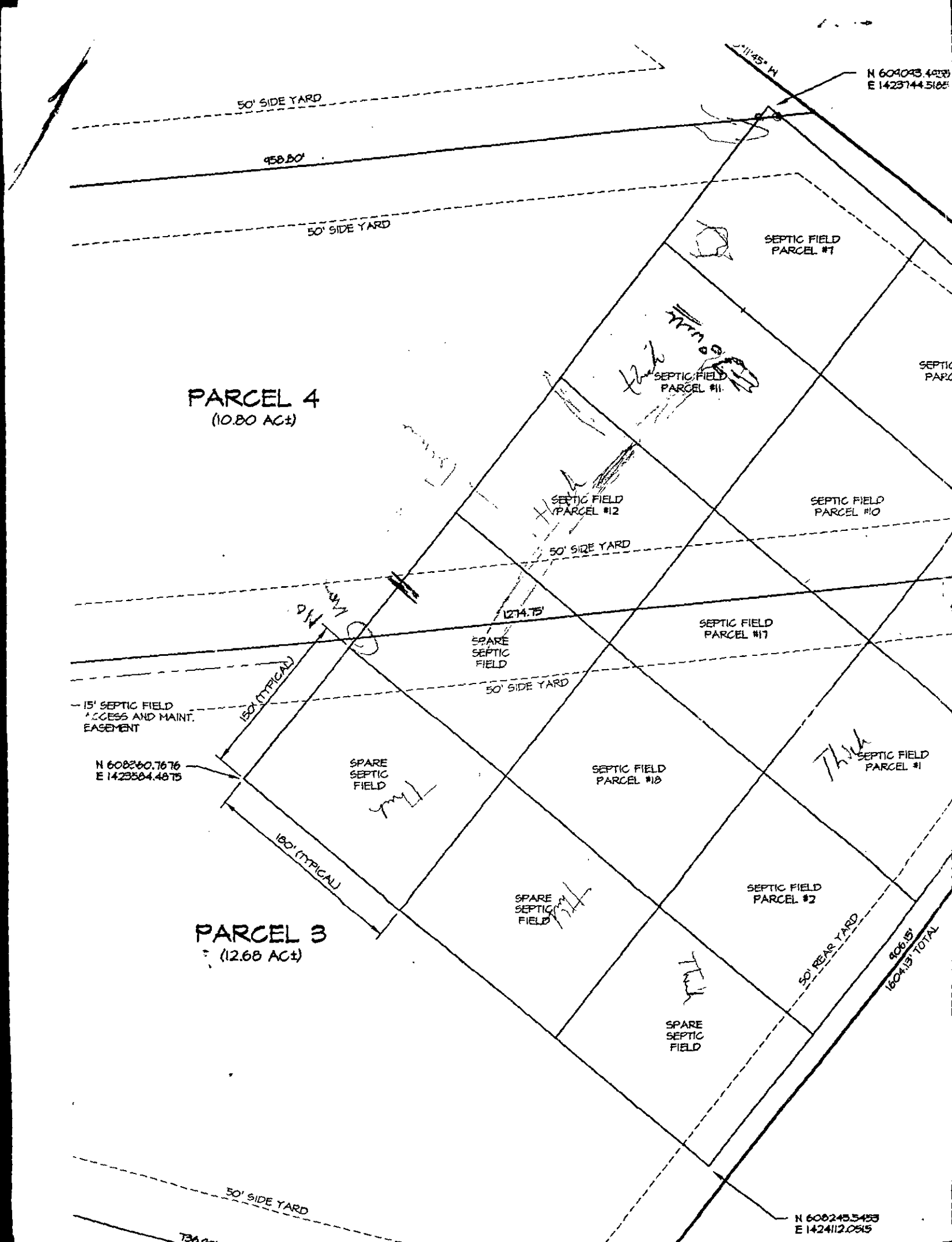
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c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

STEPHENS ROAD PROPERTY
SEPTIC FIELD STAKING PLAN
SCALE: 1" = 100'
SHEET 1 OF 2
H2595 3.16.96




50' SIDE YARD
458.80'
50' SIDE YARD
N 604043.4078
E 1423744.5185
SEPTIC FIELD PARCEL #7
PARCEL 4
(10.80 AC±)
SEPTIC FIELD PARCEL #11
SEPTIC FIELD PARCEL #12
SEPTIC FIELD PARCEL #10
50' SIDE YARD
1274.75'
SPARE SEPTIC FIELD
SEPTIC FIELD PARCEL #17
50' SIDE YARD
15' SEPTIC FIELD ACCESS AND MAINT. EASEMENT
150' (TYPICAL)
N 603360.7676
E 1423584.4875
SPARE SEPTIC FIELD
SEPTIC FIELD PARCEL #18
SEPTIC FIELD PARCEL #1
180' (TYPICAL)
SPARE SEPTIC FIELD
SEPTIC FIELD PARCEL #2
PARCEL 3
(12.68 AC±)
50' REAR YARD
406.15'
1604.13' TOTAL
SPARE SEPTIC FIELD
50' SIDE YARD
N 602245.5455
E 1424112.0515

See STEPHENS ROAD
1 Thru 18

PARCEL 9
(3.60 AC±)

SHENANLEA

PARCEL 3
(12.68 AC±)

PARCEL 2
(6.93 AC±)

PARCEL 1
(5.98 AC±)

DRAINAGE AREA
TO HW #7 = 14.3 AC.

DRAINAGE AREA
TO HW #5 = 9.69 AC.

60' PUBLIC R/W

DAVID W. LOVE
DB 5744, PG 12[illegible]

DAVID K. LOVE
DB 4878, PG 280

JOHN D. KISER
DB 1480, PG 315

764
760
756
752
748
744
740
736
732
728

NORTH

PARCEL 15
(8.08 AC±)

PARCEL 9
(5.60 AC±)

SHENANL

PARCEL 3
(12.68 AC±)

PARCEL 11
(6.50 AC±)

T32

T36

SHENANLEA

PARCEL 16
(10.12 AC±)

PARCEL 10
(5.81 AC±)

T56

WAY

PARCEL 2
(6.93 AC±)

T36

PARCEL 17
(7.34 AC±)

LANE

MEADOWS

DRAINAGE AREA
TO HW #7 = 14.3 AC.

PARCEL 18
(5.45 AC±)

PARCEL 1
(5.98 AC±)

T32

BIG

728

740

60' PUBLIC R/W

T36

T32

728

JOHN D. KISER
DB. 1480, PG 315

STEPHENS ROAD

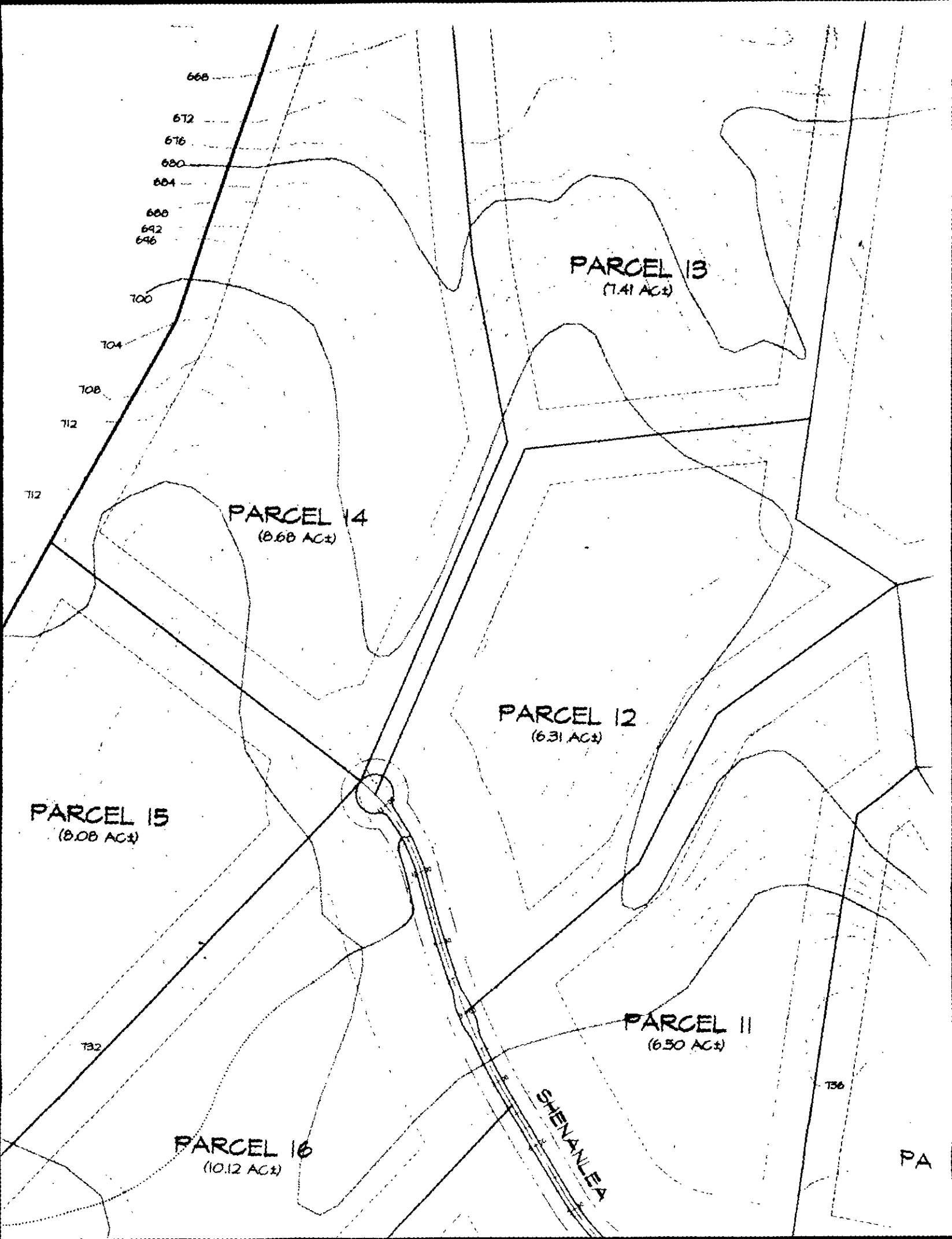
740

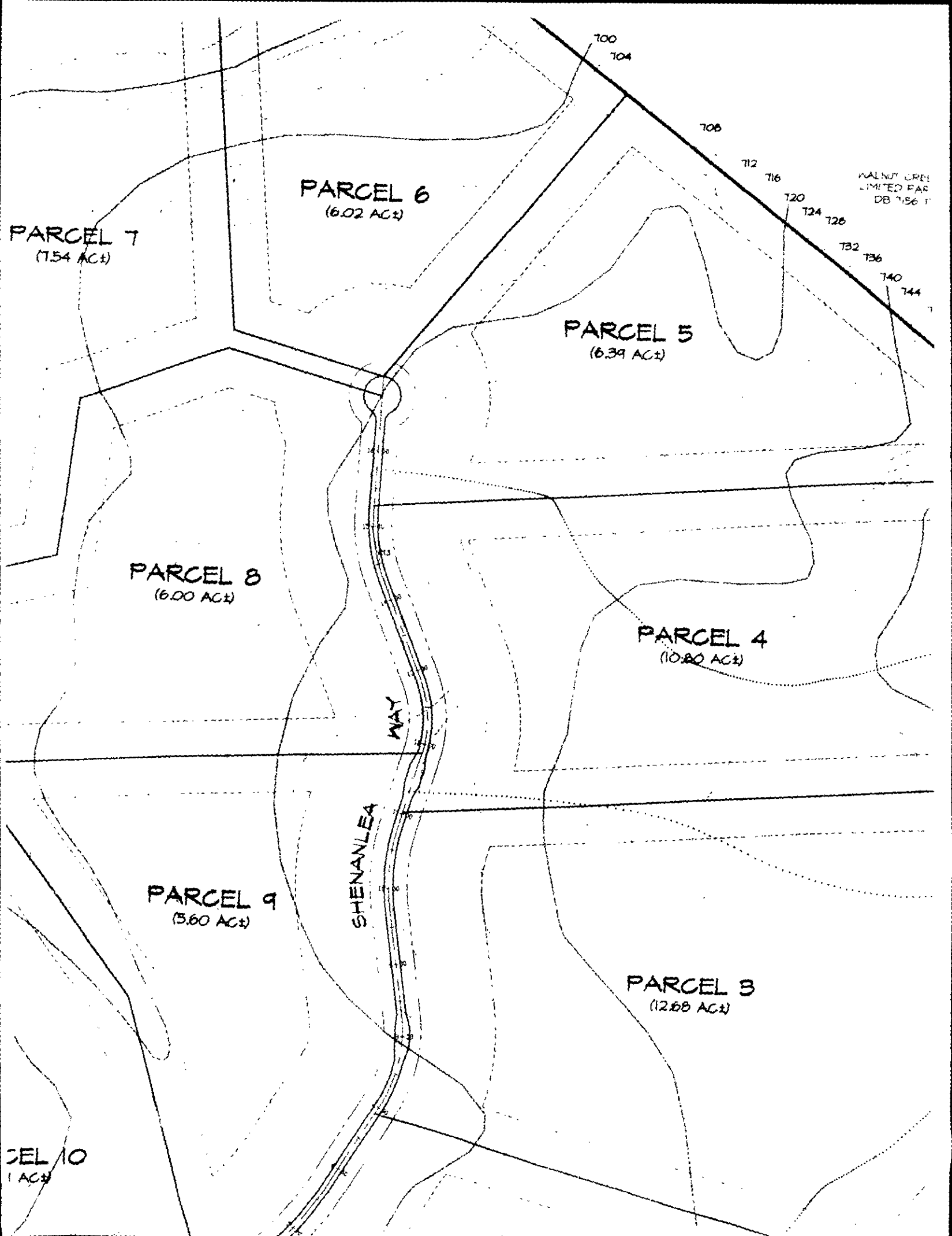
DRAINAGE AREA
TO HW #1 = 14.1 AC.

T56

DRAINAGE AREA
TO HW #3 = 5.23 AC.

DRAINAGE AREA
TO HW #5 = 3.69 AC.


668
672
676
680
684
688
692
696
700
704
708
712
712
PARCEL 13
(7.41 AC±)
PARCEL 14
(8.68 AC±)
PARCEL 12
(6.31 AC±)
PARCEL 15
(8.08 AC±)
PARCEL 11
(6.50 AC±)
732
736
SHENANLEA
PARCEL 16
(10.12 AC±)
PA


700
704
708
712
716
720
724
728
732
736
740
744
PARCEL 6
(6.02 AC±)
PARCEL 7
(7.54 AC±)
PARCEL 5
(6.39 AC±)
PARCEL 8
(6.00 AC±)
PARCEL 4
(10.80 AC±)
SHENANLEA WAY
PARCEL 9
(5.60 AC±)
PARCEL 3
(12.68 AC±)

PARCEL 5
(6.39 AC±)

PARCEL 8
(6.00 AC±)

PARCEL 4
(10.80 AC±)

PARCEL 9
(3.60 AC±)

SHENANLEA WAY

PARCEL 3
(12.68 AC±)

PARCEL 10
(5.81 AC±)

PARCEL 2
(6.93 AC±)

PARCEL 1
(5.98 AC±)

LANE

760
764
768
772
776
780
784
760
756
752
748
744
740
736
732

DRAIN
TO HW

DRAINAGE AREA
TO HW #7 = 14.3 AC.

DAVID W. LOV
DB 5744 PG

DAVID K. LOVE
DB 4873, PG 280

(S. C. WHITE)
LM1-67, DB 435, PG 338
LM1-152, DB 3146, PG 175

PARCEL 14
(8.68 AC±)

PARCEL 12
(6.31 AC±)

PARCEL 15
(8.08 AC±)

PARCEL 11
(6.50 AC±)

PARCEL 16
(10.12 AC±)

PARCEL 19
(5.99 AC±)

PARCEL 17
(7.34 AC±)

SHENANLEA WAY

PARCE
(5.45 A

PARCEL 14
(0.68 AC±)

PARCEL 12
(6.31 AC±)

PARCEL 15
(8.08 AC±)

PARCEL 11
(6.50 AC±)

PARCEL 16
(10.12 AC±)

PARCEL 19
(5.99 AC±)

PARCEL 17
(7.34 AC±)

PARCEL 10
(5.81 AC±)

PARCEL 18
(5.45 AC±)

SHENANLEA WAY

MEADOWS LANE

BIG

712 716 720 724 728 732 736 740 744 748 752 756

696 700 704 708

DRAINAGE BASIN RIDGE LINE, TYP.

DRAINAGE AREA

EDGAR A. JUHAN
DB 3811, PG 627

WALNUT CREEK FARMS
LIMITED PARTNERSHIP
DB 7156, PG 305

CASHION CREEK

PARCEL 13
(7.41 AC±)

PARCEL 7
(7.54 AC±)

PARCEL 6
(6.02 AC±)

PARCEL 5
(6.39 AC±)

PARCEL 14
(8.68 AC±)

PARCEL 8
(6.00 AC±)

PARCEL 4
(10.80 AC±)

PARCEL 12
(6.31 AC±)

PARCEL 15
(8.08 AC±)

NANLEA WAY