

APPLICATION

A 27990

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESP. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356DISTRICT 5thDATE 5/3/78*See attached paper for specs*TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Charles Smith property *Jeromey Station Run*ADDRESS 14841 TRIDELPHIA RD PHONE 7746946
GLENEDG 21737

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 3ROAD AND DESCRIPTION Triadelphia RoadSIZE OF LOT 5.006 acres TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

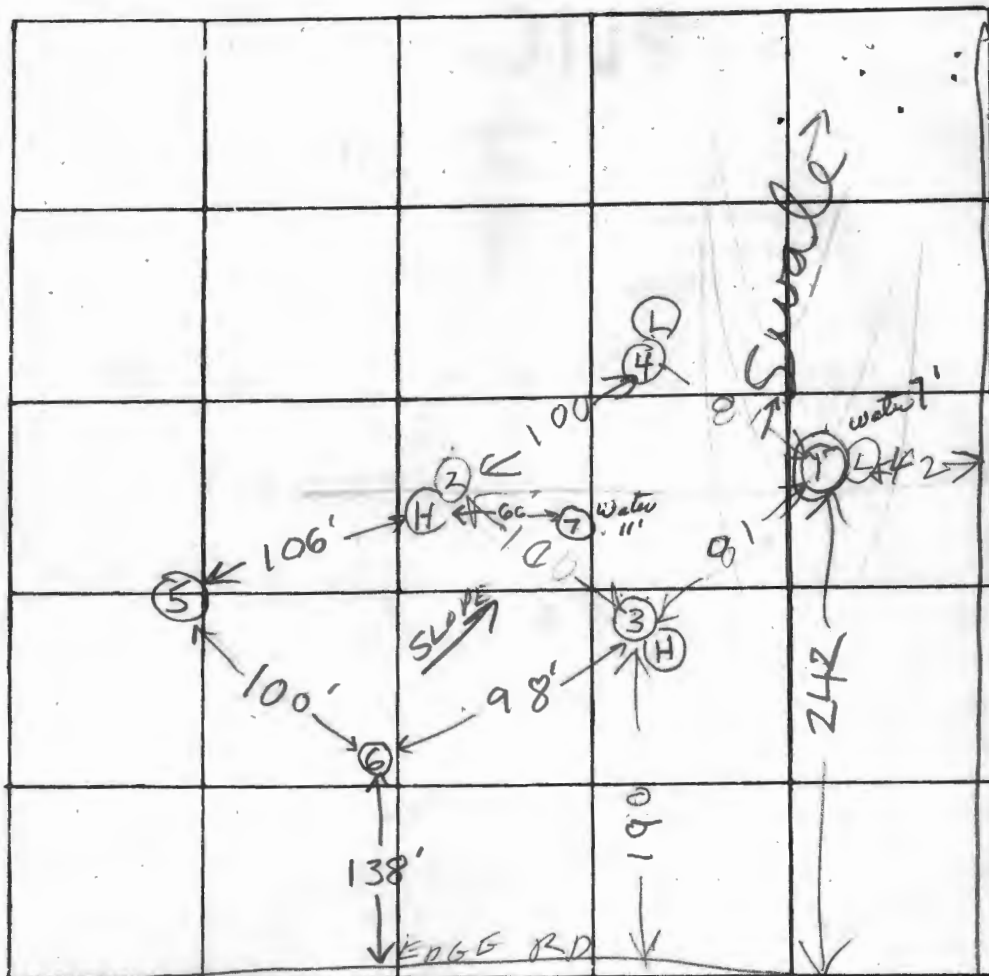
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Dennis RushAPPROVED BY Raymond Hodges FOR Dry Well DATE 8/22/78
(KIND OF SYSTEM)REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/26/78 DUE MORE R/L
7/6/78 Hold for final plat & certified test hole
locations. E.S. 8/22/78 FINAL PLAT OK NOW

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Triadelphia Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/28/78	①	10	TOP WATER	5 FT	CLAY	7 FT FROM GRADE	
	2 D _{low}	12 1/2	208	215	215	225	10
	2 S	4	209	224	224	220	6
	3 D	11 1/2	214	220	220	226	6
	3 S	4'	215	220	220	226	6
	4 S	4	221	223	223	228	5
	4 D	11	228	234	234	244	10
FS, 6/28/78	5	5'	11:21	11:22	11:22	11:25	3 min.
	5A	13'	11:21	11:27	11:27	11:35	8 min
	6 high	3 1/2'	11:26	11:28	11:28	11:32	4 min
	6A	13'	11:26	11:32	11:32	11:45	13 min
	⑦	11'	WATER at 11' clayey to 3' silty micaceous below				

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT:

clayey 2-4' silty/sandy micaceous below

R.H.

Brittingham crew
Chas. Smith

Bernard, Dana

From: Bernard, Dana
Sent: Tuesday, April 11, 2017 2:50 PM
To: rvogel@vogeleng.com
Subject: 14885 Triadelphia Road
Attachments: 14885 Triadelphia Road.pdf

Date: April 11, 2017

To: Vogel Engineering, Inc.
C/o Rob Vogel
Via E-Mail: rvogel@vogeleng.com

RE: **Percolation Testing Report**
14885 Triadelphia Road
Tax Map 27 Parcel 125

Mr. Vogel,

Percolation testing was conducted on the referenced property on April 5, 2017. The purpose for conducting these percolation tests was for an anticipated establishment of a sewage disposal area for a proposed house.

A total of five (5) test holes were evaluated and five (5) were found to be satisfactory with moderate percolation rates. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation for the five (5) percolation test holes which were satisfactory. A spigot was discovered near the proposed field and must be abandoned prior to the installation of the septic field. Field data collected is shown on the Percolation Test Worksheet attached to this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Thank you & Have a*~)

.....*~).....*~)

(.....* Wonderful Day !

Dana Bernard

Dana Bernard, R.E.H.S./L.E.H.S.

Environmental Specialist II

Bureau of Environmental Health

Well and Septic Program

Phone (410) 313-2775

E-mail: DBernard@howardcountymd.gov

Bernard, Dana

From: Bernard, Dana
Sent: Monday, March 27, 2017 5:16 PM
To: 'Davidksadler'
Subject: RE: Wet Season Perks
Attachments: SEPTIC CONTRACTORS.docx

Mr. Sadler, You will need a septic contractor and not a landscaper. I have attached the list of contractors you can choose from. I have also highlighted contractors that are closer to your property.

-----Original Message-----

From: Davidksadler [<mailto:davidksadler@aol.com>]
Sent: Monday, March 27, 2017 5:01 PM
To: Bernard, Dana
Subject: Re: Wet Season Perks

I was Planning on using Bry's Landscaping. Robert Vogel completed the plan last Thursday and was going to submit right away. I will check with him. I paid the fee of \$506 a few weeks ago.

Sent from my iPhone

> On Mar 27, 2017, at 4:55 PM, Bernard, Dana <dbernard@howardcountymd.gov> wrote:

>

> Who will you be using? And when will you present your plan?

>

> -----Original Message-----

> From: Davidksadler [<mailto:davidksadler@aol.com>]

> Sent: Monday, March 27, 2017 4:22 PM

> To: Bernard, Dana

> Subject: Wet Season Perks

>

> Dana,

>

> Does backhoe operator have to be on any kind of special approval list?

>

> Sent from my iPhone

14885 Philadelphia Road

AVP

#103

Red Brown
yellow
SCL
micaceous 5'

Red Brown
yellow
SCL
5-10%
Channers
@ 9
FSL 14'

#104

Red Brown
yellow
SCL
micaceous 4'

Red Brown
yellow
SCL
5-10%
Channers
@ 9
FSL 14'

#100

Red Brown
yellow
Sub Angular
Blocking
SCL 1'

Red Brown
yellow
SCL
micaceous
5-10%
channers
@ 8
FSL 14'

#101

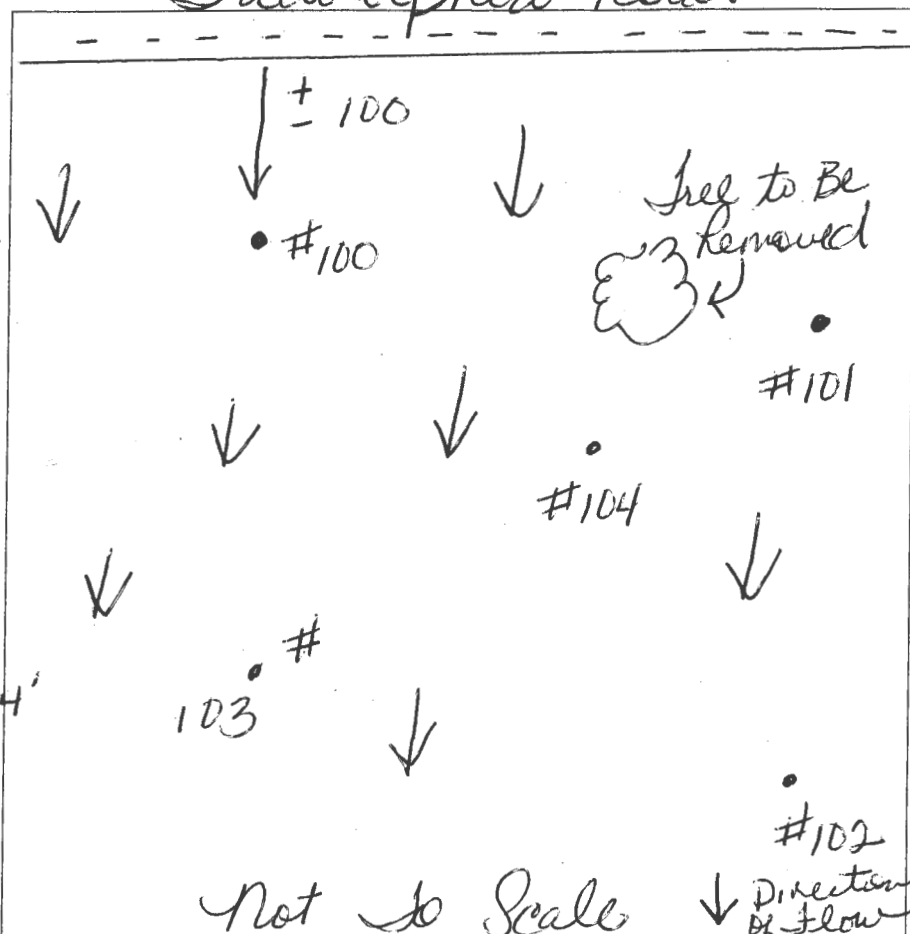
Brown
yellow
SCL
Sub Angular
Blocking 1'

Red Brown
yellow
Micaceous
5-10%
Channers
@ 8
FSL 14'

#102

Sub Angular
Blocking
Brown
yellow
SCL 1'

Red Brown
yellow
SCL
platy
channers
@ 7
FSL 14'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4-5-17	100	4.5/14	9:46	9:49	9:54	5min	P
4-5-17	101	4.9/14	10:54	10:57	11:01	4min	P
4-5-17	102	5.5/14	10:23	10:28	10:37	9min	P
4-5-17	103	5/14	11:32	11:34	11:38	4min	P
4-5-17	104	4.5/14	10:05	10:09	10:14	5min	P

REMARKS

SANITARIAN

TEST HOLES USED IN SDA

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

Up C Soils; Well Drained. Tree Removed
Near #101

BACKHOLE

AVG. PERC TIME

SQ. FT/BR

NO Signs of H₂O

Bernard, Dana

From: Bernard, Dana
Sent: Tuesday, May 23, 2017 11:57 AM
To: Jeremiah Reynolds
Subject: RE: 14885 Triadelphia Road
Attachments: Septic spec 14885 Triadelphia.pdf

Jeremiah,

We need to get an approved percolation certification plan. I have attached the septic specs for the OSDS plan, however we need the percolation certification plan first.

Thanks
Dana

From: Jeremiah Reynolds [<mailto:jreynolds@vogeleng.com>]
Sent: Tuesday, May 23, 2017 9:11 AM
To: Bernard, Dana
Subject: 14885 Triadelphia Road

Dana,

Could you please provide me with the septic design specifications for the project located at 14885 Triadelphia Road, Jeremy Station lot 3? We would like to start planning the septic installation plan. The client is in a hurry to get everything moving.

Thanks,

Jeremiah Reynolds
Cad Drafter



Email: jreynolds@vogeleng.com
www.vogeleng.com

COORDINATES

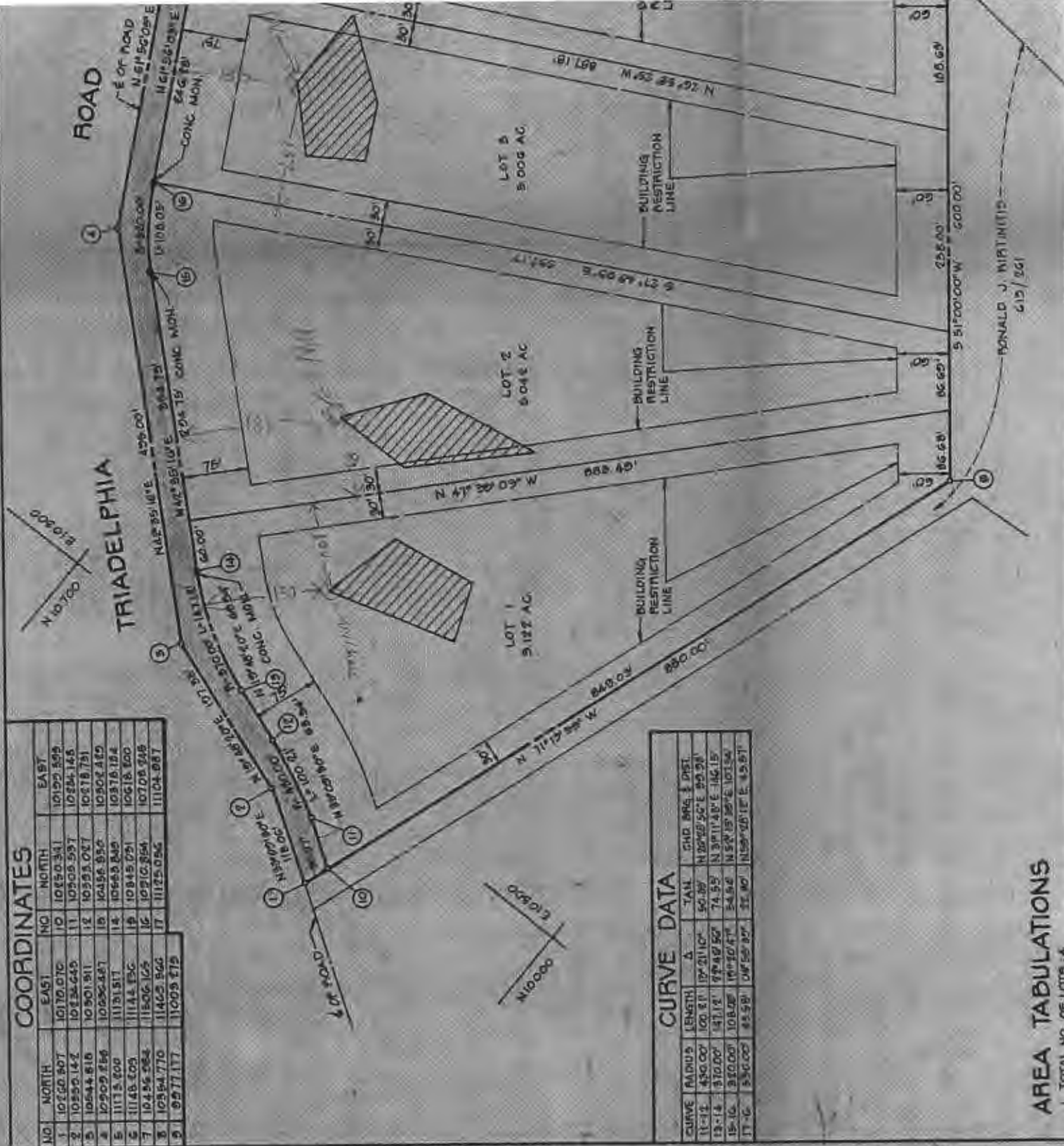
NO	NORTH	EAST	NO	NORTH	EAST
1	10150.907	10170.070	10	10150.341	10195.595
2	10250.142	10234.649	11	10205.597	10284.145
3	10444.616	10501.911	12	10393.087	10378.731
4	10790.856	10896.487	13	10456.956	10502.489
5	11173.600	11131.517	14	10563.845	10678.184
6	11145.609	11144.856	15	10845.091	10818.500
7	10456.584	11506.105	16	10910.884	10708.948
8	10394.770	11463.962	17	11125.056	11104.087
9	9277.117	11005.575			

CURVE DATA

CURVE	RADIUS	LENGTH	Δ	TAIL	CHD. BRG. ± DIST.
11-12	450.00'	100.81'	127°21'10"	50.38'	N 00°22'50"E 50.38'
12-13	510.00'	147.12'	97°40'50"	74.55'	N 30°11'40"E 146.15'
13-14	310.00'	108.08'	111°30'47"	54.96'	N 52°15'30"E 101.34'
17-18	550.00'	45.58'	145°55'37"	31.30'	N 69°45'15"E 45.51'

AREA TABULATIONS

1. TOTAL NO. OF LOTS: 4



COORDINATES

NO	NORTH	EAST	NO	NORTH	EAST
1	10260.301	10170.070	10	10450.341	10129.323
2	10352.142	10234.643	11	10309.531	10224.148
3	10344.818	10201.911	12	10393.077	10218.781
4	10300.258	10236.487	13	10456.830	10302.422
5	11173.600	11191.517	14	10683.849	10318.134
6	11148.403	11144.236	15	10845.051	10418.200
7	10436.984	11506.165	16	10510.854	10706.245
8	10354.710	11420.566	17	11125.056	11104.987
9	9377.177	11003.279			

CURVE DATA

CURVE	RADIUS	LENGTH	Δ	TAN	CHD. BRG. & DIST.
11-12	430.00'	100.21'	19°21'10"	50.83'	N22°28'56"E 99.98'
13-14	370.00'	147.12'	20°40'56"	74.55'	N31°11'48"E 146.15'
15-16	320.00'	108.05'	19°20'47"	54.54'	N5°15'39"E 107.54'
17-18	530.00'	45.58'	08°53'33"	22.80'	N50°28'12"E 45.57'

AREA TABULATIONS

