

Panoramic View

Tile

Pipeline

Tile 1

Tile

Outlet

Tile 1

Tile

Tile 1

Tile 1

Tile

Tile 1

Tile 2

Tile 3

Tile 2

Tile 1

Tile 5

Tile 6

Tile

Tile 4

Tile 1 1 1

Direction

Primary Road

Boundary

Boundary 6 1

Boundary 5 1

Boundary 7 1

Boundary 4 1

Boundary 8 1

Boundary 3 1

Boundary 2 1

Boundary 1 1

Chulavita
Renkroo Place

N

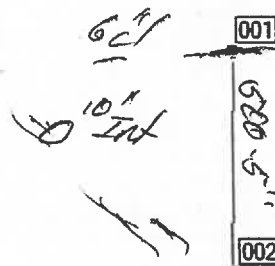
Bldgs

ps Waypoints(6) Routes Tracks(3)

Show waypoints in category:

All Categories

Name /	Comment	Position
001		N41 50.809 W94 27.283
002		N41 50.744 W94 27.283
003		N41 51.766 W94 20.821
004		N41 51.698 W94 20.765
005		N41 51.686 W94 20.750
006		N41 51.683 W94 20.696



300 ft

Items Selected Lat/Lon hddd°mm.mmm'(WGS84)

Untitled - MapSource

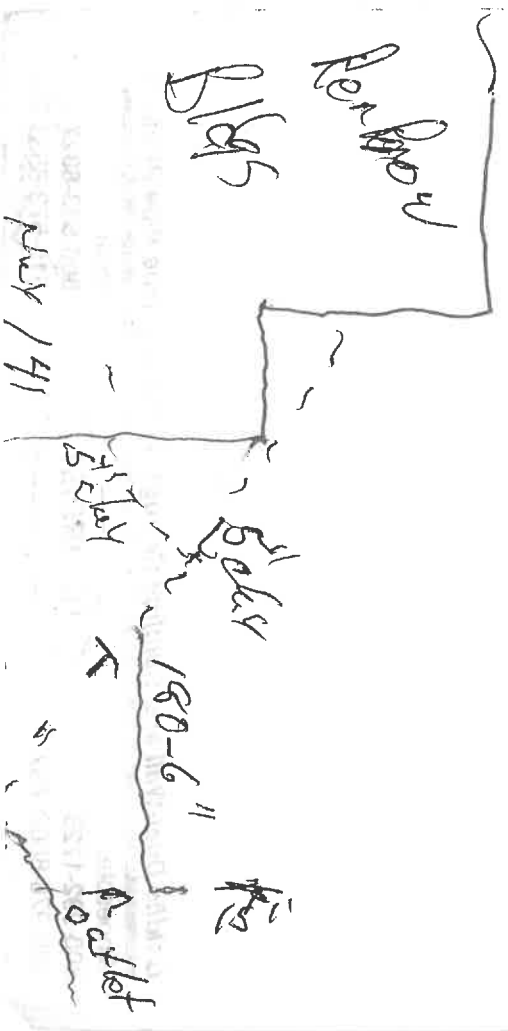
Untitled - Paint

Yahoo! Search

Desktop

7:16 P

Vernor C
Kerlow



SUBSURFACE DRAIN INSTALLATION REPORT

Farm Owner Vernon Chaloupka Operator Same
9 Sec Dodge T 1 R Cuthrie County 11-22-97 Date 11-22-97
Tract No. _____ Field No. _____

Outlet Used for Drain

a. Existing Tile ✓ Size 6 Condition excellent
Size 8 Condition " "

b. Open Ditch _____

New Metal Pipe Installed:

Size	Length	Discharge Height Above Normal Water Surface in Channel	Type of Rodent Control Guard

are manufactured by:

Manufacturer	Sizes	Type & Quality*

Plastic, Standard Quality; Concrete, Extra Quality; etc.

Manufactured ✓ Fitted and Cemented _____

Intake: Number 4 Type Hidden bottom Size 6+8

Orifice: Type _____ Size _____

I certify that this practice has been constructed as shown on the reverse side.
Checkout notes are attached if grade is 0.2% or flatter.

Contractor Dale Sal

Date 11-22-97

7-888
no plan
some tile
info

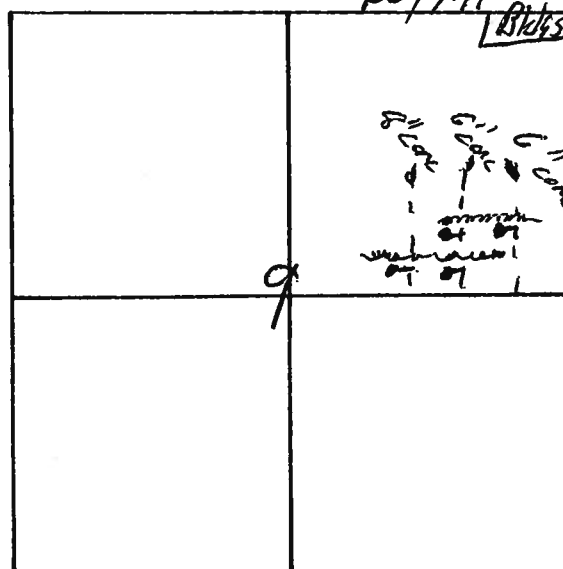


Installation Information:

[illegible]

Line No.					
Size					
Length					
Acres used for design					
Drainage Coefficient					
Grade					
Max. Depth					
Min. Depth					
Trench Width or Method					
Type of Bedding					
No. of T's and Y's					

Location Map



North

Show Section Center or Corner, Roads & Buildings.

Sketch of Tile System

Iowa-14
1-19-62

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

Tile Certification and Location Record*

OWNER EVERETT RENTROW LEGAL DESCRIPTION Sec. 9
135 E

Tile Installed			Outlet Pipe Used		
Size	Length	Approx Grade	Size	Length	Material
5"	2350 ft	0.20% min			

I certify that I have installed the above amounts of tile on the above named farm and to the best of my knowledge they meet ACP specifications. (See sketch)

Contractor Ray Middleton Date 2 Dec 1965

I certify that the above amounts of tile have been installed on my farm.

Farmer Everett Rentrow Date 12-9-65

RT 141 N

BLDGE

Amounts Approved:
(to be completed by SCS)

2350 Rods 5" Tile

_____ Rods _____ Tile

_____ Rods _____ Tile

_____ Feet _____ Pipe

Technician [Signature]

Date 12-13-65

* This record sheet is to be used on jobs where permission has been given to the contractor to proceed with the design and layout of the proposed tile system. This normally will be for hill side seeps and waterway tile where the grades are greater than 1%. However it may be used for jobs on flatter grades if the contractor completes the necessary survey and design. All jobs will be subject to checking by the Soil Conservation Service before approval is given for cost-sharing.

Iowa-14
1-19-62

T-888

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

Tile Certification and Location Record*

ACP 135

OWNER Errett Renfrow

LEGAL DESCRIPTION T81 R31-9

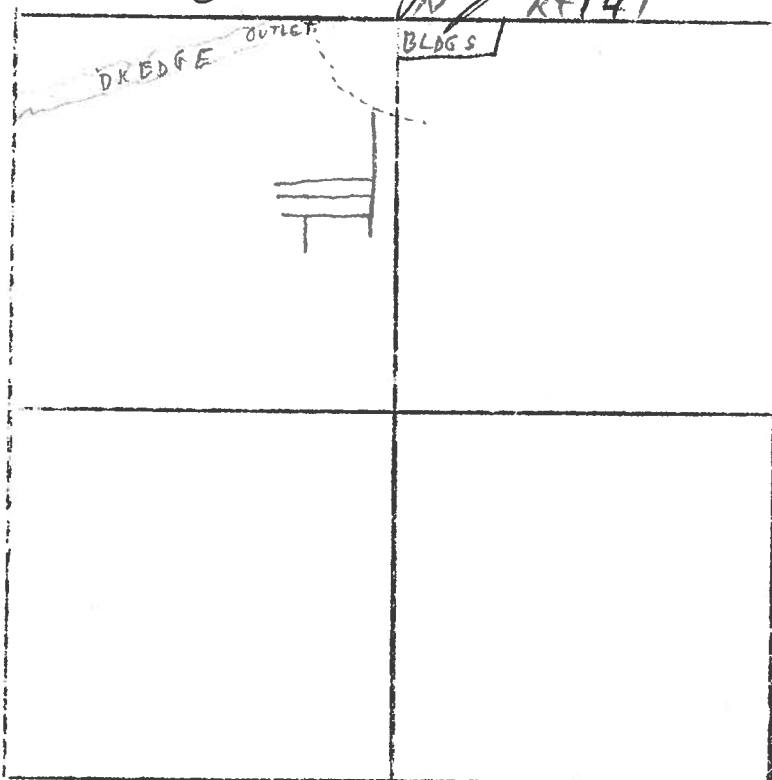
Tile Installed			Outlet Pipe Used		
Size	Length	Approx Grade	Size	Length	Material
5"	2625 ft	0.20% MIN			
6"	900 ft	0.20% MIN			

I certify that I have installed the above amounts of tile on the above named farm and to the best of my knowledge they meet ACP specifications. (See sketch)

Contractor Ray Middleton, Ex. 1200 S. 1 Date 28 April 1965

I certify that the above amounts of tile have been installed on my farm.

Farmer Errett Renfrow Date 28 April 1965



Amounts Approved:
(to be completed by SCS)

900 Rods 6" Tile

2625 Rods 5" Tile

E Rods Tile

Feet Pipe

Technician J. H. [Signature]

Date 5-21-65

* This record sheet is to be used on jobs where permission has been given to the contractor to proceed with the design and layout of the proposed tile system. This normally will be for hill side seeps and waterway tile where the grades are greater than 1%. However it may be used for jobs on flatter grades if the contractor completes the necessary survey and design. All jobs will be subject to checking by the Soil Conservation Service before approval is given for cost-sharing.

#8739 Putrills

1980

Sankot

29 April 1980

Mrs. Everett R. Putrills

Bagley Iowa

IN ACCOUNT WITH

Mc Gee, Inc.

Yale Excavating & Service Co.

PHONE 439-2449

BOX 231

YALE, IOWA

FIELD TILING - WATER LINES - DRAINS - SEPTIC TANKS - BASEMENTS

FOOTINGS - TERRACE INLET TILE

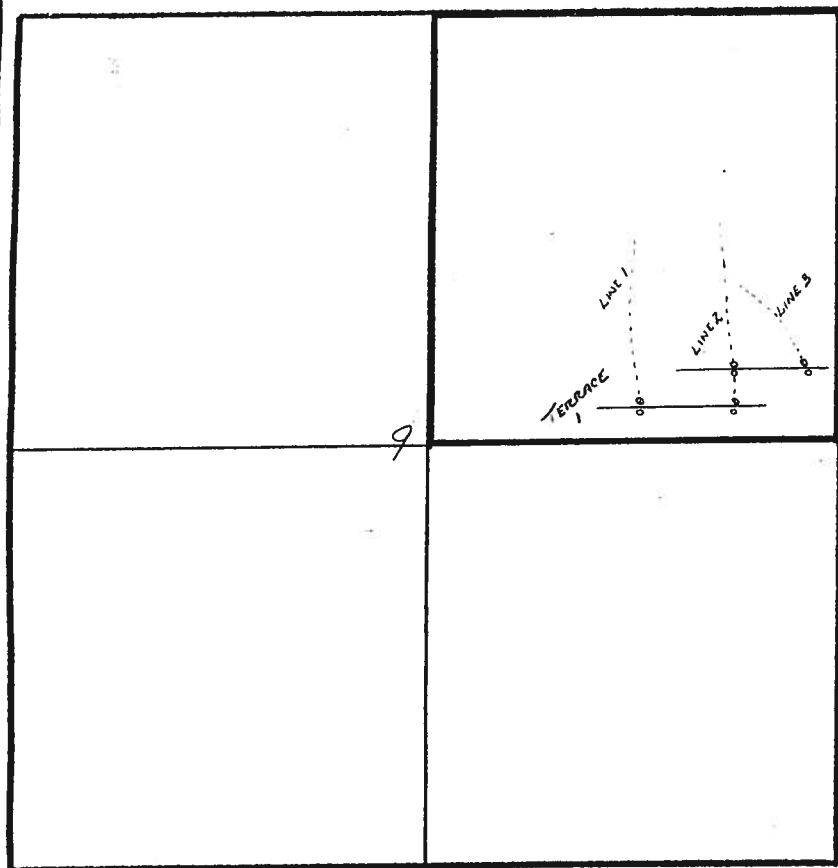
301 ft. 10" tile, tiling & backfill	\$ 630.00
1470 ft. 8" tile, tiling & backfill	2131.50
Junction & hook up old tiles	<u>55.00</u>
<u>Total</u>	<u>2816.50</u>

Paid 5/22/80
Mc Gee, Inc.

4823
1770
3053

1 1/2% per month or 18% annually charged on all purchases after 10 days.

888-1



Scale: 1" = 1,320'

DODGE

Location Map

Materials and Construction shall be in accordance with Construction Specification for Underground Outlets (Iowa Std. 620)

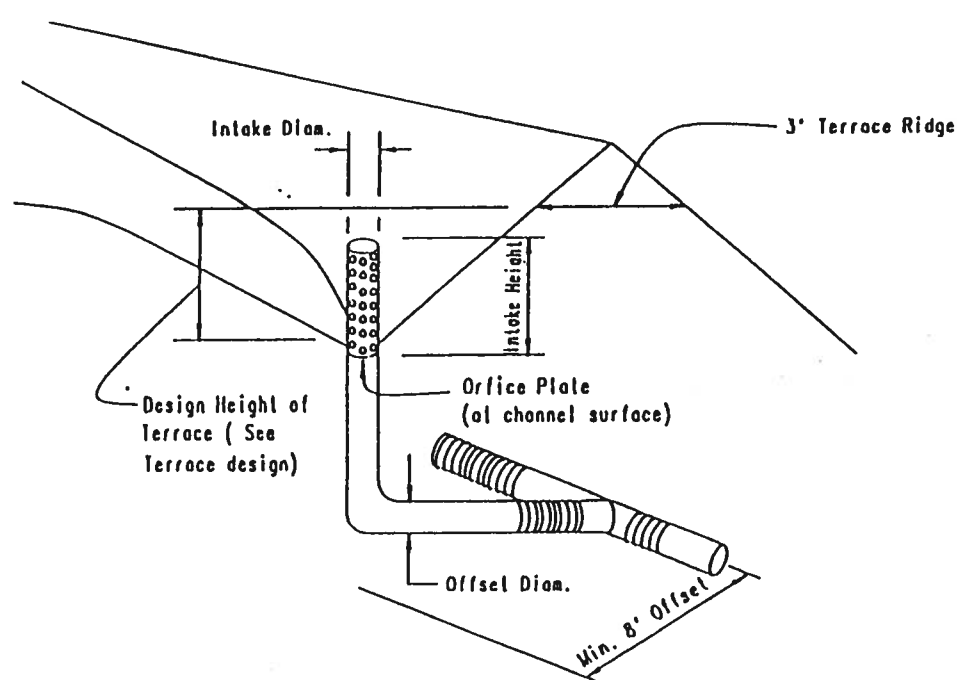
Iowa Standard Drawing	
Underground Outlet	
Standard Drawing No. 854	
DATE: 7-95	Sheet 1 of 2

I Certify that I have installed the materials as shown on the tables on sheet 2, and that they have been installed in accordance with the plans and specifications.

Contractor

Date

CALL IOWA
AT LEAST 48
BEFORE YOU
1-800-292-8989



At least 48 hours prior to performing any excavation, the contractor is responsible for notifying Iowa One Call to locate utilities. Call 1-800-292-8989.

Is a cultural resource located near the project (e.g. archeological)?

YES

NONE KNOWN

If YES, Describe:

If a cultural resource is identified during construction, immediately notify the Cultural Resource Coordinator for the Natural Resources Conservation Service (515-284-4172)

OWNER <u>FRANCIS CHALOUPIKA</u>	
LOCATION <u>DODGE SEC. 9 T 8 LN, R 3 L W</u>	
<u>GUTHRIE</u> COUNTY, IOWA	
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	
Designed <u>font</u>	Date <u>7/5/97</u>
Drawn <u>font</u>	Date <u>7/5/97</u>
Staked <u>font</u>	Sheet No. <u>01</u>
Checked <u>font</u>	Drawing No.
Approved by <u>font</u> Title <u>font</u>	

	Intake Number	Terrace Number	Station	Drainage Area	Drainage Coef.	Req'd. Cap. Ac./In/Day	Intake Ht.		Diam. & Holes/Ft		Orifice Dia.		Offset Dia.		Des. Cap. Ac./In/Day
							Design	Install	Design	Install	Design	Install	Design	Install	
LINE 2	1	1	2+00	10 ⁸	1 ³²	9 ⁷	3'		6 ¹ / ₂ "	24	NONE		4"		9 ⁷
LINE 1	2	1	8+00	18 ⁸	1 ³²	18 ⁸	4'		8 ¹ / ₃₀ "		NONE		6"		18 ⁸
LINE 2	1	2	2+75	4 ⁹	1 ³²	9 ⁷	3'		6 ¹ / ₂ "	24	NONE		4"		9 ⁷
LINE 3	2	2	6+00	3 ⁸	1 ³²	9 ⁷	3'		6 ¹ / ₂ "	24	NONE		4"		9 ⁷

Relief Well :

Line	Dia. Designed	Dia. Installed
TERRACE 1 LINE 1 → 1	10" RELIEF	
TERRACE 2 LINE 2 → 1	8" RELIEF	
	(2) 6" RELIEFS	

25⁹/₄ AC/IN.
16⁶/₄ AC/IN.
@ 9.28 AC/IN.

Drain Material		
Manufacturer	Size	Type

DURING HEAVY RAINFALL THE DOWN STREAM TILE LINES MAY BECOME FLOODED.

Type of Outlet :

Open ditch _____ Existing tile _____
Other _____

ADD 10" RELIEF

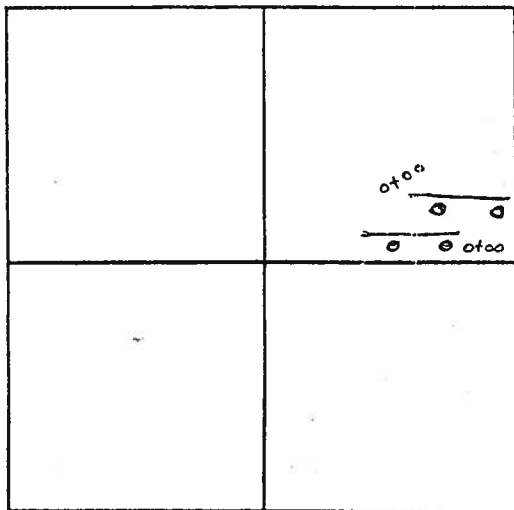
LINE 2 + 3 COMBINE.
29¹/₂ AC/IN

Outlet Material		
Manufacturer	Size	Type

Contractor is to fill out shaded columns.

Line No.	Reach No.	Station to Station	Req'd. Capacity Ac./In	Length of line		Tile Size		Tile grade		Design Capacity Ac./In.	Tile Installation Data		
				Designed	Installed	Designed	Installed	Designed	Installed		Min. Depth	Max. Depth	Trench Width
1	1	0+00 1+00	18 ⁸	1100		10		0 ⁵ / ₈ %		27 ⁰			
2	1	0+00 3+60	9 ⁷	360		6"		2 ⁴ / ₈ %		18 ⁸	6" RELIEF		
2	2	3+60 10+60	19 ⁴	700		6"		0 ⁹ / ₈ %		11 ⁵	8" RELIEF		
3	1	0+00 6+50	9 ⁷	650		6"		0 ⁹ / ₈ %		11 ⁵	6" RELIEF		

Location Map
(Show section center or corner)



DESIGN DETAILS

Terrace No.	Terrace Type	Length	Front Slope	Back Slope	% Settle	Cut Slope	Fill Cu. Yard
1	FF	1250'	5-1	2-1	5%	10-1	4734
2	FF	800'	5-1	2-1	5%	10-1	2067

SPECIAL CONSTRUCTION NOTES

Topsolling required: YES ☒ NO

Are utilities present near the site? YES ☒ NO
If YES, Describe: _____

Is a cultural resource located near the project?
(e.g.: archeological site) YES ☒ NO
If YES, Describe: _____

If a cultural resource is identified during construction,
immediately notify the Soil Conservation Service.

OPERATION AND MAINTENANCE REQUIREMENTS

1. Remove sediment build-up in the terrace channel to maintain the required capacity.
2. Repair sections of the terrace which have eroded or have excessive settlement.
3. Reseed and fertilize as needed to maintain good vegetation.
4. Fill any settled or eroded areas in the tile trench.
5. Repair or replace any damaged tile intakes.
6. Remove sediment build-up around the intake to insure that the terrace will drain toward the inlet.
7. Remove trash from around and in the tile intake.
8. Implement rodent control procedures if rodents are a problem.
9. Control weeds, brush, and trees by mechanical methods or chemicals.
10. Do not operate farm equipment on steep frontslopes and/or backslopes.

Note
* The 6' Top on #1
is only required from
Sta. 700 to 900

I certify that this practice has been
constructed in accordance with the
plans and specifications and the
attached checkout notes.

Contractor _____

Date _____

Owner Francis Chaloupka
Location Dodge Sec 9 T N, R W
Guthrie County, Iowa

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed <u>[Signature]</u>	Date _____	Approved by _____
Drawn _____	Title _____	Title _____
Staked _____	Sheet No. _____	Drawing No. _____
Checked _____	of _____	

IOWA STANDARD DRAWING

TERRACE PLAN

STANDARD DRAWING NO. 652

DATE: 5-91

SHEET 1 OF 2