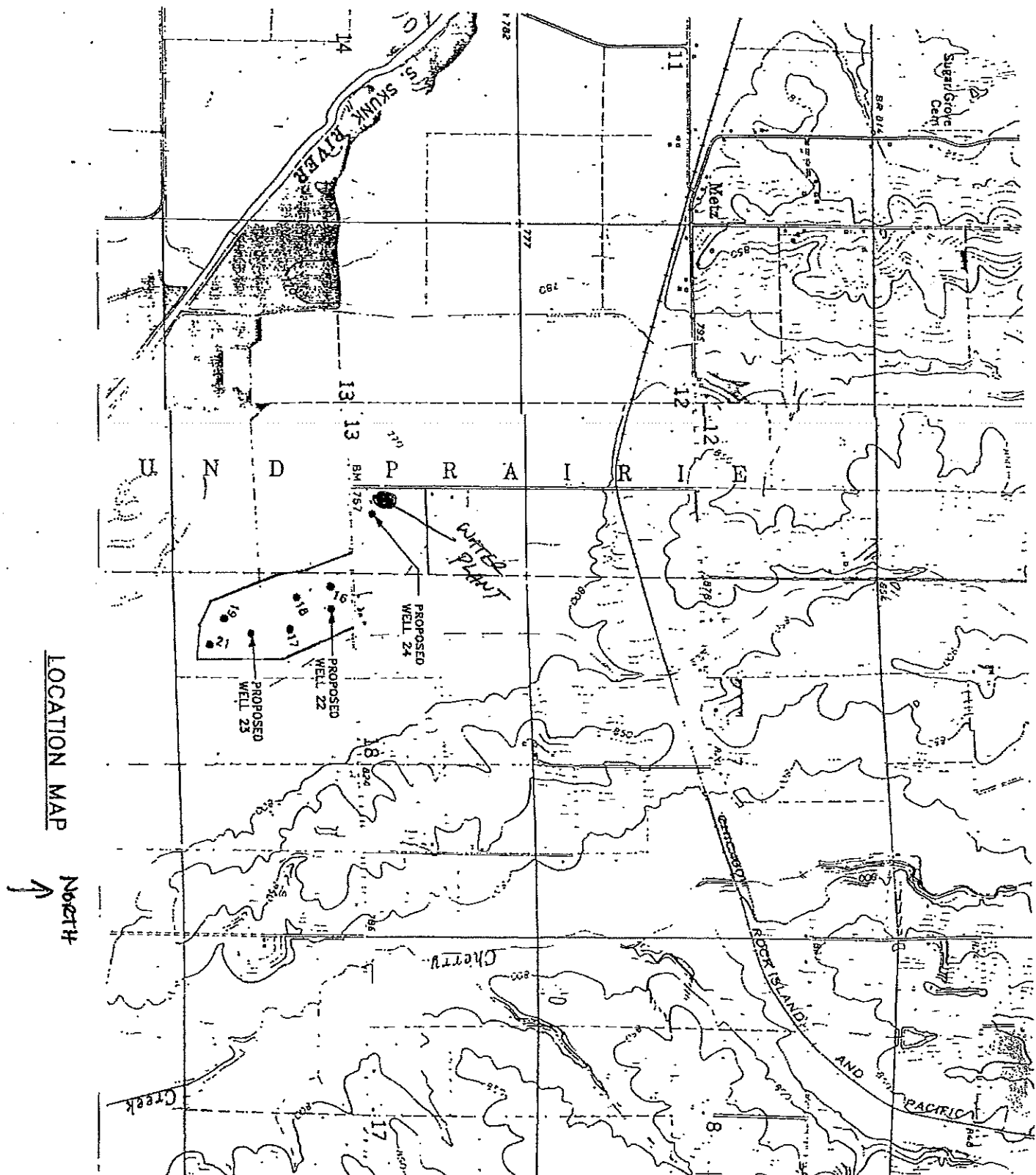


DRAWING FILENAME		
3334-98A\400\SITE.dwg		
PLOT SCALE	SCRIPT FILE	PLOT VIEW
1=200		





ENGINEERING
1531 Airport Road, Ames, Iowa 50010
515-233-0000, FAX: 515-233-0103
1-800-433-3469

Computed by _____ Date _____
Checked by _____ Date _____

Subject Newton Well Field

JGH -

I am in need of the following data
specific to the Newton Well Field :

- 1) Elevation top of Pitless - 2 wells sites
- 2) Elevation of Existing Ground - 2 well sites
- 3) Elevations of Finished grades - 2 well sites

① #22 Top Pitless 779⁰ TDW
 Ground (Ex) 775⁹⁴
 Top Berm 777⁵

#23 Top Pitless 777⁰
 Ground (Ex) 765⁸⁰
 Top Berm 775⁵

NORTHWAY WELL AND PUMP
438 8th Avenue Marion, Iowa 52302
319-377-6339 1-800-747-6339

425 8th Avenue

Marion, Iowa 523-2

319-377-6339

1-800-747-6339

TEST HOLE REPORT

WELL #23

Contract Name Water Works

Job No. NWW-22498 Date February 24, 1998

City Newton State Iowa

TEST HOLE

NO. R-98-02

Driller M. Anderson

Test Hole

Location South of city in new well field.

Distance and Direction from Permanent Landmark or Previous Test Hole

TEST LOG

[illegible]

NOTES: Size of Pit

x

✕

DEEP



ENGINEERING

1531 Airport Road, Ames, Iowa 50010

515-233-0000, FAX: 515-233-0103

1-800-433-3469

Computed by _____

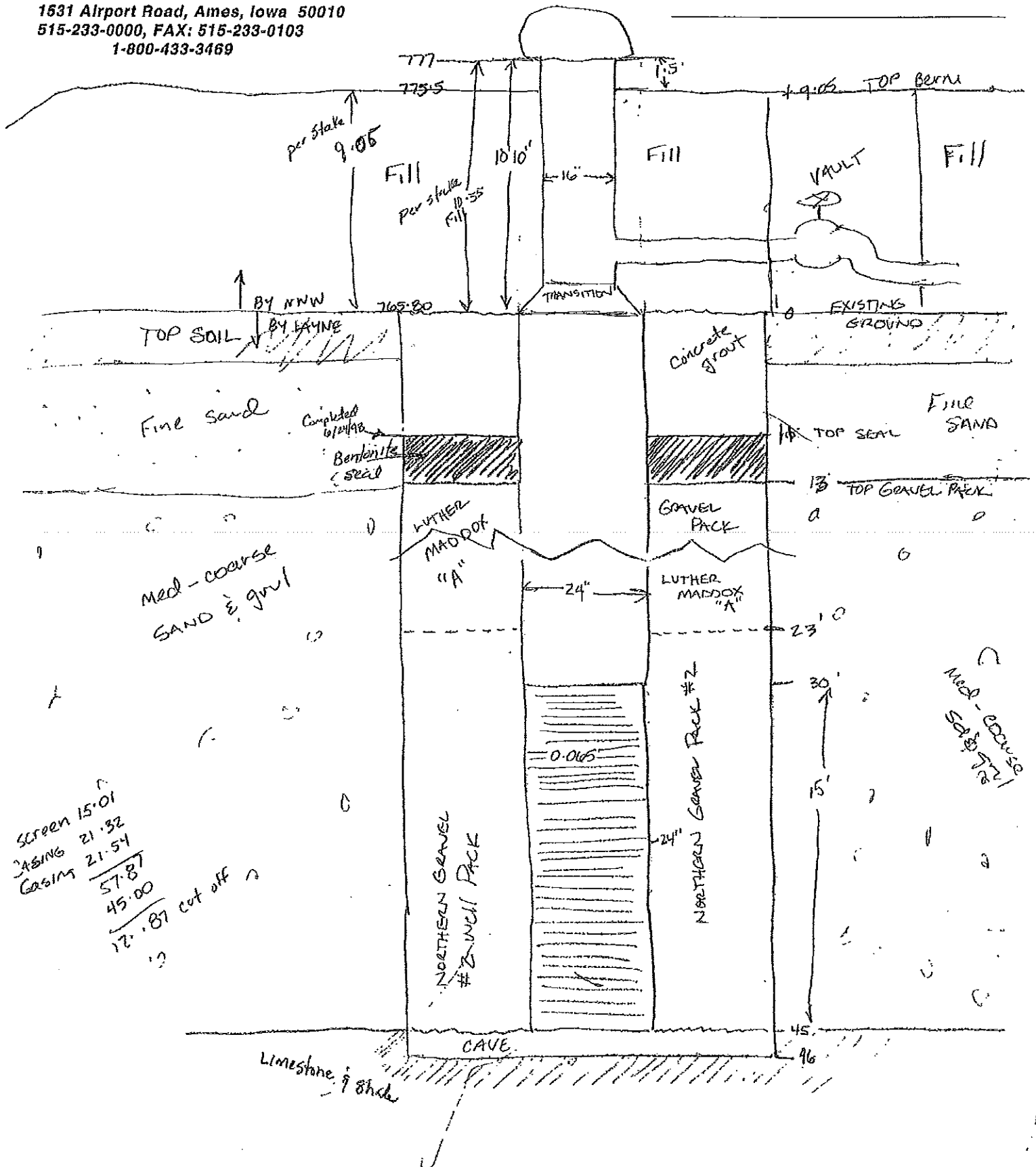
Date 6-24-98

Subject Newton NW

Checked by _____

Date _____

Well 23



Screen 15.01
Casing 21.32
Gasins 21.54
57.87
45.00
12.87 cut off

WELL TEST DATA REPORT

LAYNE-WESTERN

PROJECT: Newton Water Works
LOCATION: S.E. of water treatment plant
WELL NO: Well No. 23
WELL DIAMETER: 23 inches I.D.
WELL DEPTH: 45.0 feet - from grade
TOP OF SCREEN: 30.0 feet - from grade
STATIC LEVEL: 14.0 feet - from top of casing
ORIFICE SIZE: 6" x 5"

DATE TESTED: 7/9/98
TESTED BY: Pat Breinig
DRIVER: 25 HP submersible motor
COLUMN AND SHAFT: 6" drop pipe
BOWL SIZE & MAKE:
MANUFACTURER: Crown
SERIAL NUMBER:

TIME	PBSZ. READ. (IN)	FLOW RATE (GPM)	AIRLINE READING (FEET)	WATER LEVEL (FEET)	DRAW DOWN (FEET)	DISCHARGE PRESSURE (LBS.) (FEET)		SPEC. CAPACITY (GPM/FT)	REMARKS
1 min.	32.5	710		23.0	9.0			78.9	
2	32.5	710		24.0	10.0			71.0	
3	32.5	710		24.0	10.0			71.0	
4	32.5	710		24.0	10.0			71.0	
5	32.5	710		24.5	10.5			67.6	
6	32.5	710		24.5	10.5			67.6	
7	32.5	710		24.5	10.5			67.6	
8	32.5	710		24.5	10.5			67.6	
9	32.5	710		24.5	10.5			67.6	
10	32.5	710		25.0	11.0			64.5	
15	32.5	710		25.0	11.0			64.5	
20	32.5	710		25.5	11.5			61.7	
25	32.5	710		25.5	11.5			61.7	
30	32.5	710		25.5	11.5			61.7	
40	32.5	710		25.5	11.5			61.7	
50	32.5	710		26.0	12.0			59.2	
1 hour	32.5	710		26.0	12.0			59.2	
1.5	32.5	710		26.5	12.5			56.8	
2	32.5	710		26.5	12.5			56.8	
2.5	32.5	710		26.5	12.5			56.8	
3	32.5	710		26.5	12.5			56.8	
4	32.5	710		27.0	13.0			54.6	
5	32.5	710		27.5	13.5			52.6	
6	32.5	710		27.5	13.5			52.6	

