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OCT 3 2016

DRINKING WATER & GW

State of Wisconsin
Department of Natural Resources
PO Box 7921
Madison WI 53707-7921

High Capacity Dewatering Well Application

Form 3300-258 (R 11/02)

Notice: Prior department approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells in accordance with Section NR 812.09(4)(a), Wisconsin Administrative Code. Personally identifiable information collected on this form, including such data as your name, address and phone number, will be used for management of department programs and is unlikely to be used for other purposes. This information will be addressable under Wisconsin's Open Records Laws, ss. 19.32 - 19.39, Wis. Stats.

Project Name and Description

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Roherty Road Bridge Replacement

Dewatering System Property Owner

Name and Title		Company		
Leonard Heath		Town of Center		
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
7416 W. Mineral Point Rd	Janesville	WI	53548	Leonard Heath
Telephone Number	**Fax Number**	**E-Mail Address**		
608-876-6788		l.heath@centurytel.net		

Dewatering System Operator

Name and Title		Company		
Rick Wenger Foreman		E & N Hughes Co. Inc.		
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
N2629 Coplien Rd	Monroe	WI	53566	Terry Hughes
Telephone Number	**Fax Number**	**E-Mail Address**		
608-558-7922	608-328-1809	enhughes@tds.net		

Proposed Dewatering System Location

Quarter of the Quarter	Quarter or Government Lot Number	Section Number or French Long Lot Number
SE 1/4 - SW 1/4	SE 1/4 - SW 1/4	10 - 11

Township	Range			County
T 03 N	R 11	[X] East [ ] West	[ ] City [ ] Village [X] Civil Town OF Center	Rock

Street or Grid Address (fire number)

Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage per Day	Proposed Total Maximum Pumpage per Day
City of Janesville	4,320,000	5,040,000 gallons

Distance from Public Utility Well		Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.)
7.5	[ ] Feet [X] Miles	Marsh Creek

Direction (e.g. WNW) to Public Utility Well	Total Number of Dewatering Wells/Points in Project
South East	3
Proposed Pump (Dewatering System) Capacity	**Number of Wells/Points in Use at Any Given Time**
2100 gallons per minute	3
Dewatering Project Start Date (MM/DD/YYYY)	**Dewatering Project Completion Date (MM/DD/YYYY)**
10-15-16	11/15/16

Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
Sand	0-50 ft	-6 ft	-16 ft

Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)
32'	10"	Jetting

Geologic formations to be penetrated by well (e.g. sand, gravel, clay, sandstone, limestone, etc.)

Sands

Casing depth (feet)	Well casing wall thickness (in.)	Casing material (e.g. steel, schedule 40 PVC)	Casing diameter (inches)
32'	250 wall	Steel	8"

Well Construction (continued)

Method of connecting well casing segments	Height of well casing termination above local ground elevation (in)	
[X] weld [ ] solvent weld [ ] threaded/mechanical	2'	
Well screen material (e.g. wire wound steel, slotted PVC)	**Well screen length (ft)**	**Well screen diameter (in)**
Slotted	20'	8"
Method of attaching screen to well casing or placing screen	**Type of well screen**	**Engineered gravel pack around screen**
Welded	[ ] wire wound [X] slotted pipe	[ ] yes [X] no
Annular space seal material (e.g. bentonite, cement, native material)	**Method of placing annular seal (e.g. tremie pipe)**	
Native Material	Hand Shovel	

Pump Installation

Pump type (e.g. submersible, vacuum)	Individual pump capacity (gpm)	Well seal type and design	Check valve location
15 HP	700	Simmon	Top of Well

Well Abandonment

Well abandonment method (e.g. fill with bentonite, collapsing formation, etc.)

Collapsing Formation topped with Bentonite

Enclosures

- [X] Plat map (project location marked)
- [X] Engineering plan map of project (do not submit complete set of plans)
- [X] Contamination sites (BRRTS information) with well locations and discharge location (www.dnr.state.wi.us/org/aw/rr/brrts/index.htm)
- [X] Well construction diagram with dimensions
- [X] Drawing of manifold design if multiple wells are connected together
- [X] Discharge drawing
- [X] If WPDES permit already issued, attach copy Attached and Applied for

Variance Request Signature

Are you requesting a variance for the proposed well(s) to have less than 25 feet of casing or for a variance to any part of ch. NR 812, Wis. Adm. Code? If yes, property owner signature requried. no

Property Owner Signature	Date Signed

Applicant

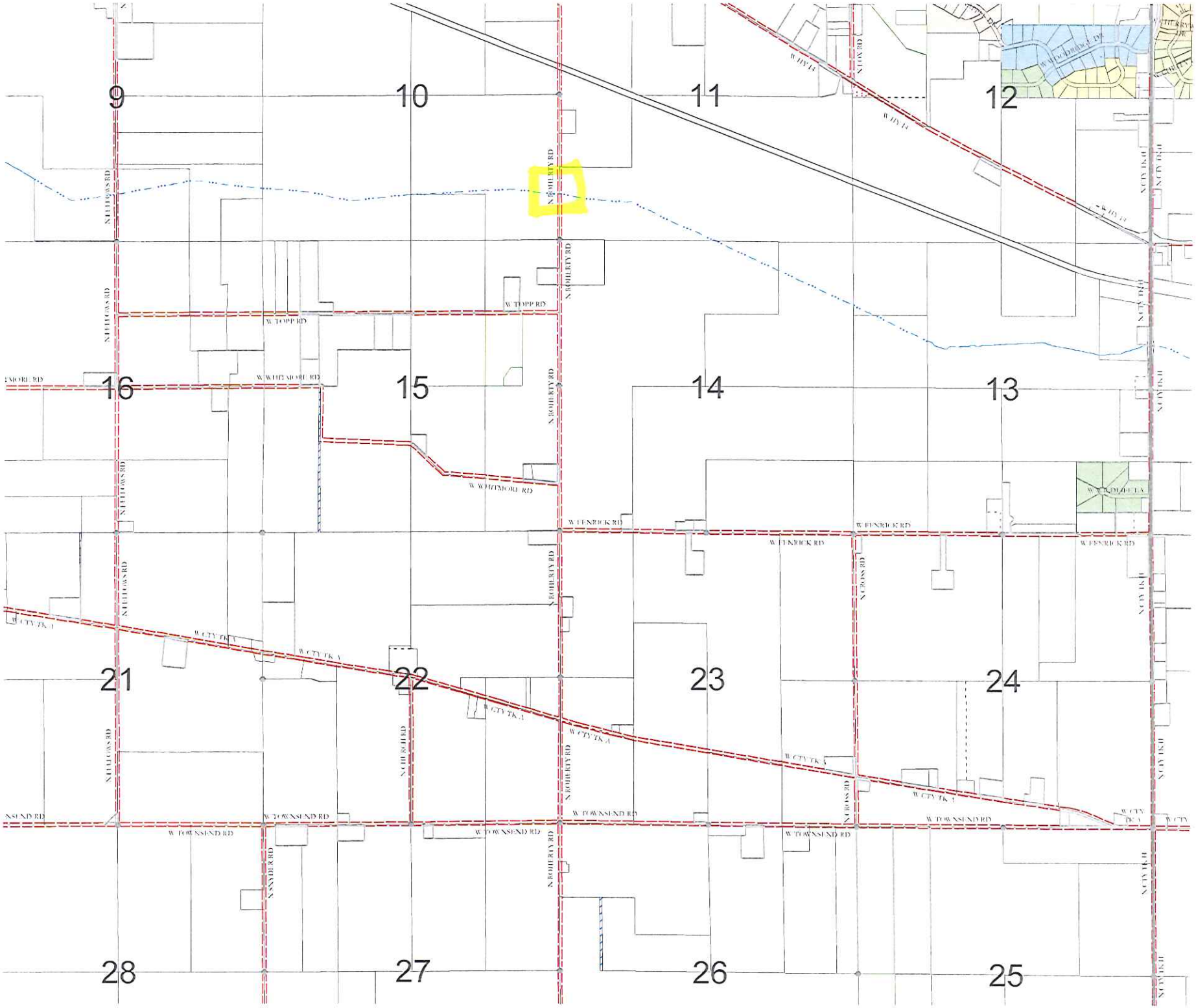
Name: Last	First	MI	Signature
Hughes	Terry	L	

Street Address	City	State	ZIP Code	Date (mm/dd/yyyy)
N2629 Coplien Road	Monroe	WI	53566	9-30-16

Company Name	(Area Code) Telephone Number	E-Mail Address
E & N Hughes Co. Inc.	608-328-4215	enhughes@tds.net

Department Use Only

Receipt Date (mm/dd/yyyy)	Response Date (mm/dd/yyyy)
Review Engineer	**Authorized Signature**
Calculated Public Utility Well Drawdown Value or No Expected Impact Judgement	**Action: Conditions of approval are attached if approved.**
Feet [ ] No Expected Significant Impact	[ ] Approved [ ] Denied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N ROBERTS RD
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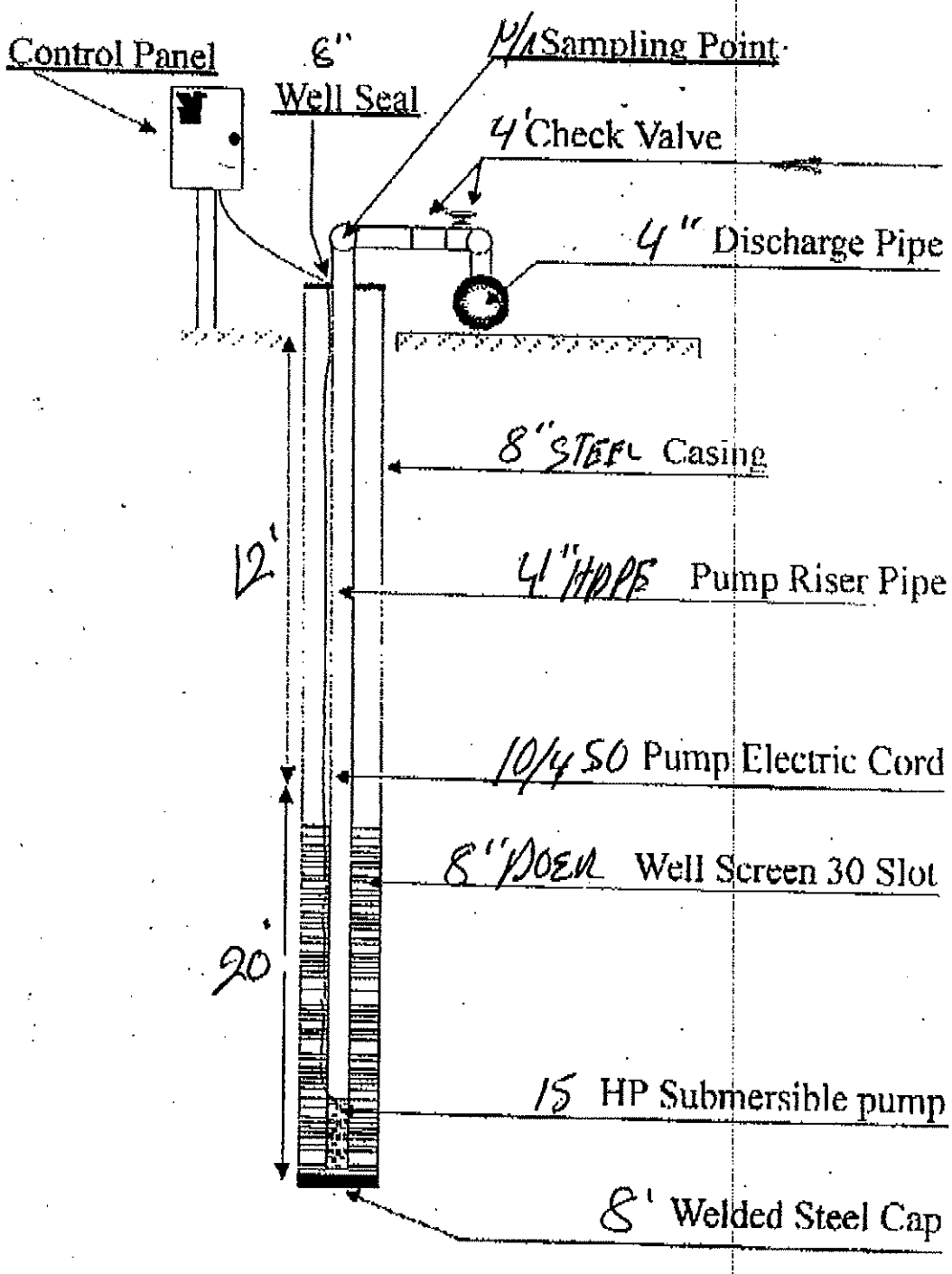
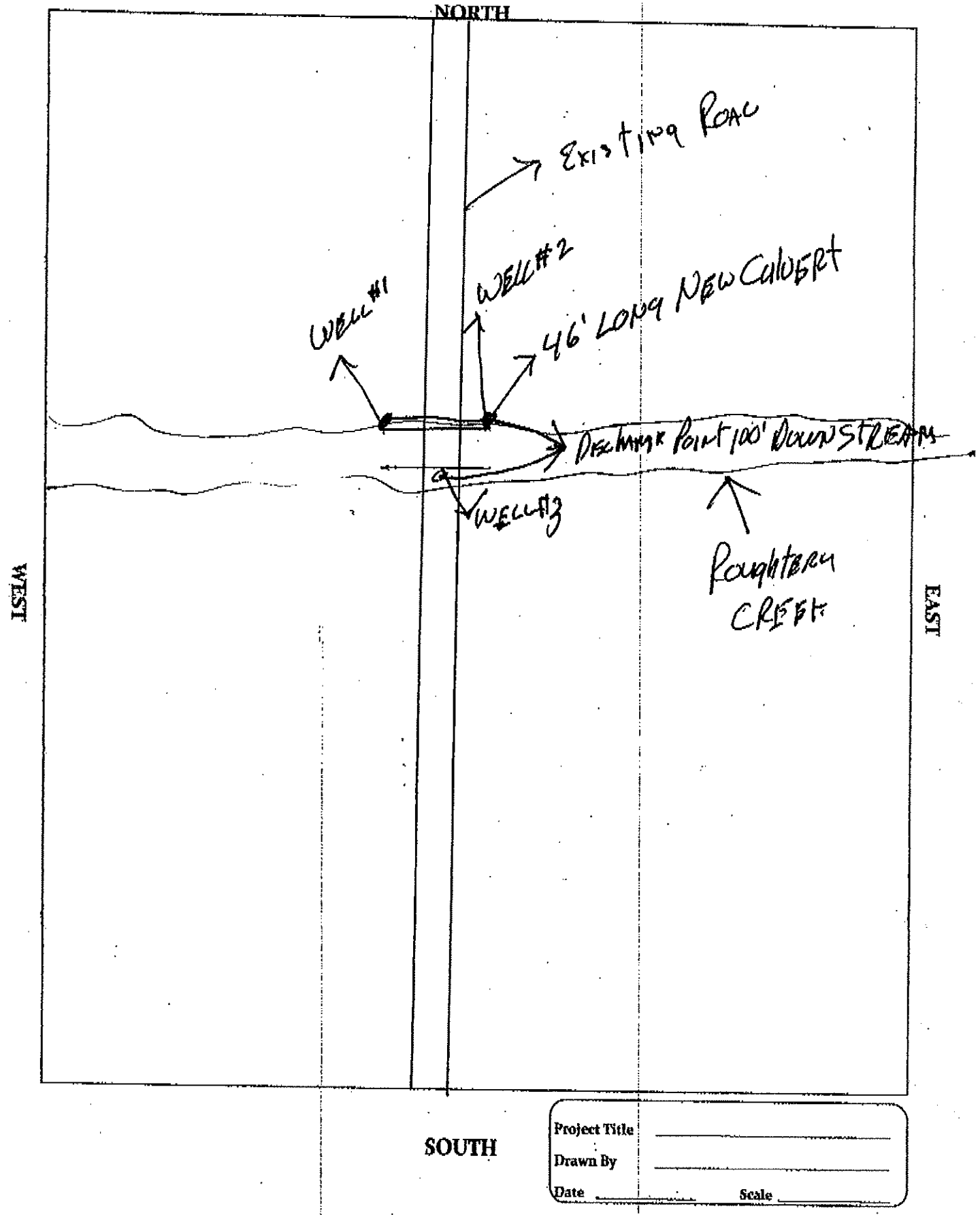
W FENRICK RD
W TOWNSEND RD
W CITY TK A

DETAIL OF TYPICAL DEEP WELL CONSTRUCTION/DESIGN



Piping & Dewatering Services, Inc.



Project Title _____

Drawn By _____

Date _____ Scale _____