

DETAIL A

Crossing ①

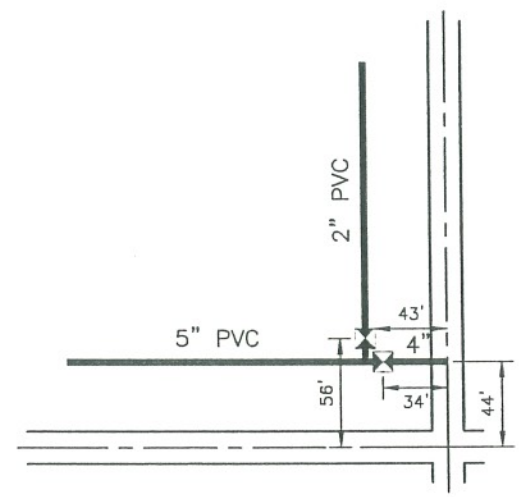
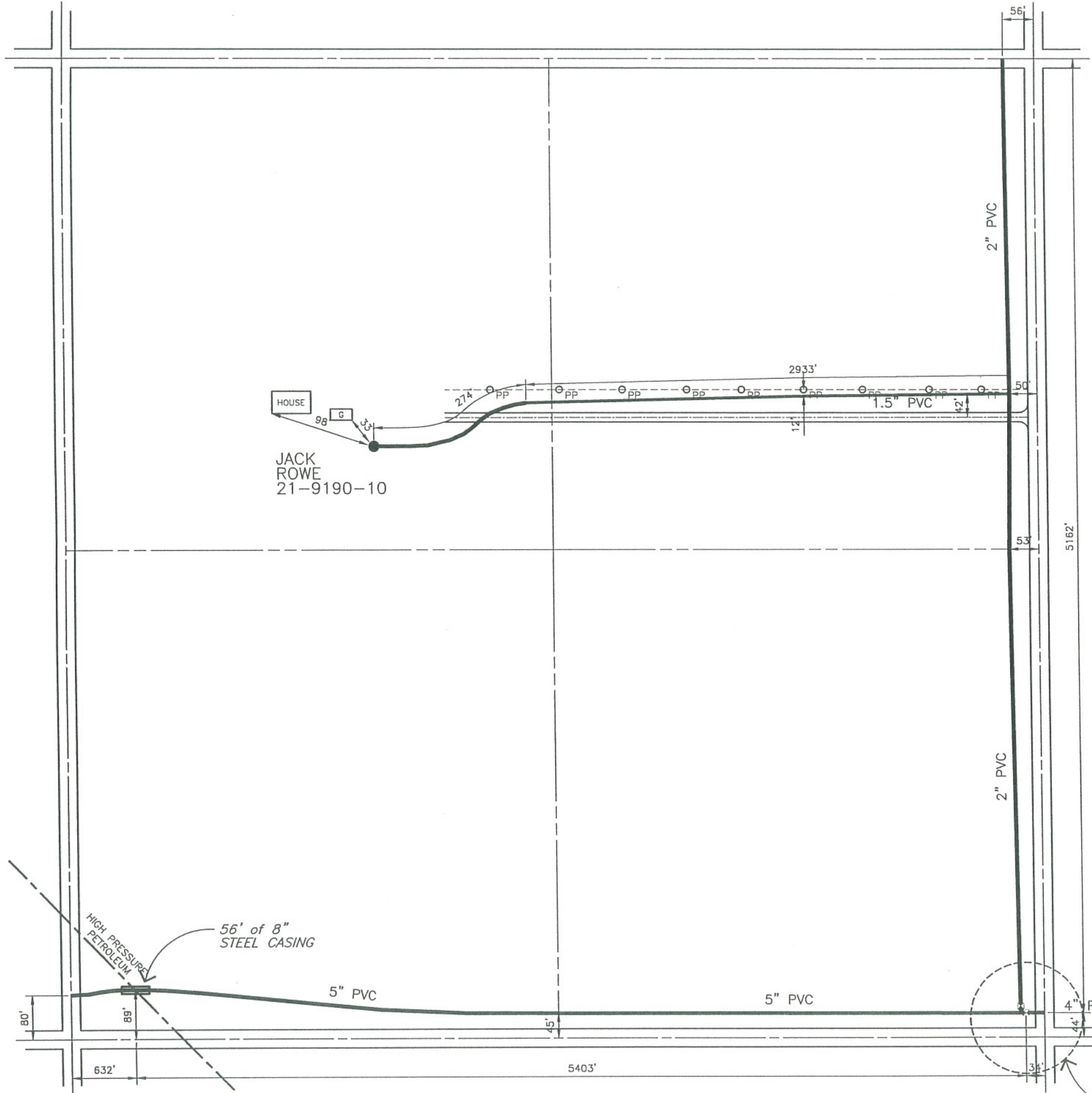
THE RECORD DRAWING DEPICTS THE WATER LINE AS MEASURED WITH GPS (GLOBAL POSITIONING SYSTEM) RECEIVERS ON TOP OF THE BACKFILLED PIPELINE TRENCH. ACCURACY OF PIPELINE LOCATION IS BASED ON TRENCH VISIBILITY AT THE TIME OF THE SURVEY. USGS 7.5 MINUTE QUADRANGLE MAPS ARE UTILIZED AS A BACKGROUND FOR VISUAL REFERENCE ONLY.

AE ADVANCED ENGINEERING & ENVIRONMENTAL SERVICES, INC.
Grand Forks, ND Bismarck, ND Moorhead, MN

NORTH VALLEY WATER ASSOCIATION, INC.
CAVALIER, NORTH DAKOTA

FILE NAME	D:\NorthValley nv2system.dwg
DRAWN BY	JRE
DATE	04-28-99
JOB NO.	P139-07
TWP - RGE	163-53
TWP. NO.	18
TWP. NAME	NECHE
SECTION NO.	4

Record Drawing Date: Sept., 75



DETAIL A

Crossing ②

SEE DETAIL A

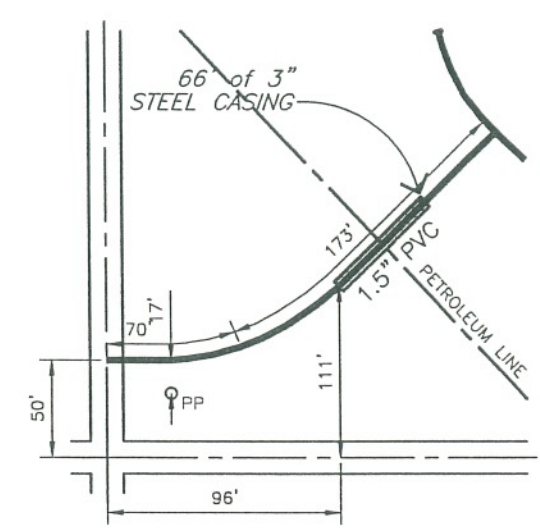
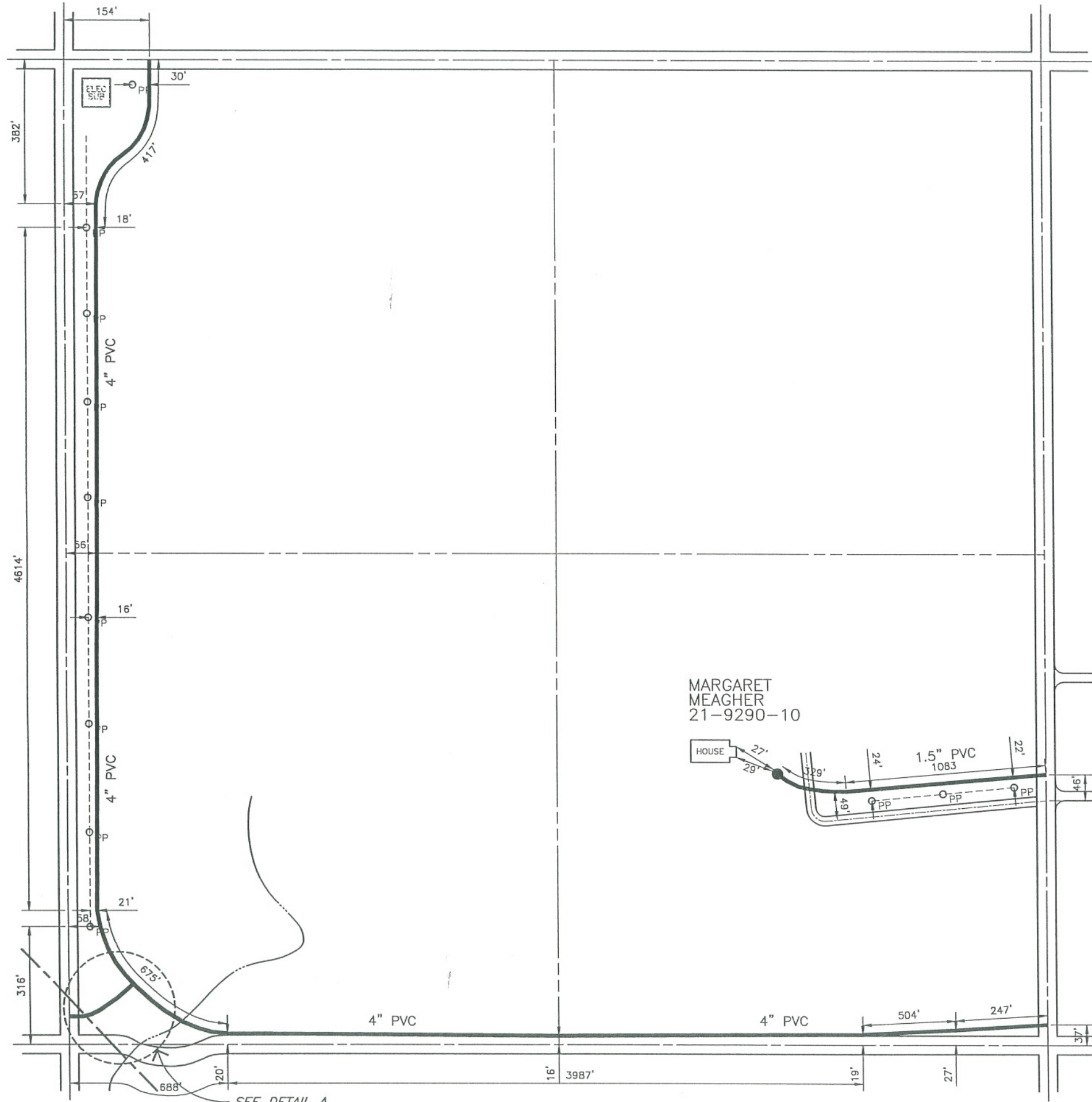
NOTE:
 THIS RECORD DRAWING DEPICTS THE WATER
 LINE IN AN APPROXIMATE WAY ONLY, BASED
 ON SPOT MEASUREMENTS. THIS DRAWING IS
 NOT SCALABLE AND ONLY THE MEASUREMENTS
 SHOWN MAY BE USED TO LOCATE THE
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 & ENVIRONMENTAL SERVICES, INC.
 Grand Forks, ND Blarneck, ND Moorhead, MN

NORTH VALLEY
WATER ASSOCIATION, INC.
 CAVALIER, NORTH DAKOTA

FILE NAME	D:\NorthValley 1635219.dwg
DRAWN BY	EM
DATE	3-3-98
JOB NO.	P139-03.0
TWP - RGE	163-52
TWP. NO.	19
TWP. NAME	SOUTHWEST PEMBINA
SECTION NO.	19

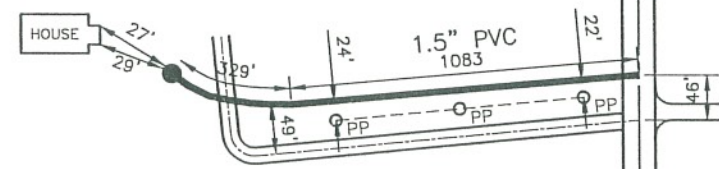
Record Drawing Date: Aug., 75



DETAIL A

Crossing ③

MARGARET MEAGHER
21-9290-10



NOTE:
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NORTH VALLEY WATER ASSOCIATION, INC.
CAVALIER, NORTH DAKOTA

FILE NAME	D:\NorthValley 1635229.dwg
DRAWN BY	EM
DATE	3-4-98
JOB NO.	P139-03.0
TWP - RGE	163-52
TWP. NO.	19
TWP. NAME	SOUTHWEST PEBBINA
SECTION NO.	29



Crossing ④

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Grand Forks, ND
Bismarck, ND
Moorhead, MN

NORTH VALLEY WATER ASSOCIATION, INC.
CAVALIER, NORTH DAKOTA

FILE NAME
D:\NorthValley
nv2system.dwg

DRAWN BY
JRE

DATE
03-31-99

JOB NO.
P139-07

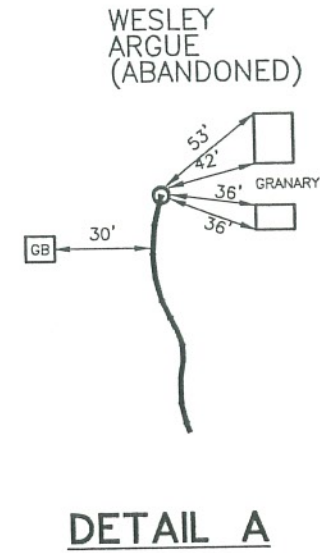
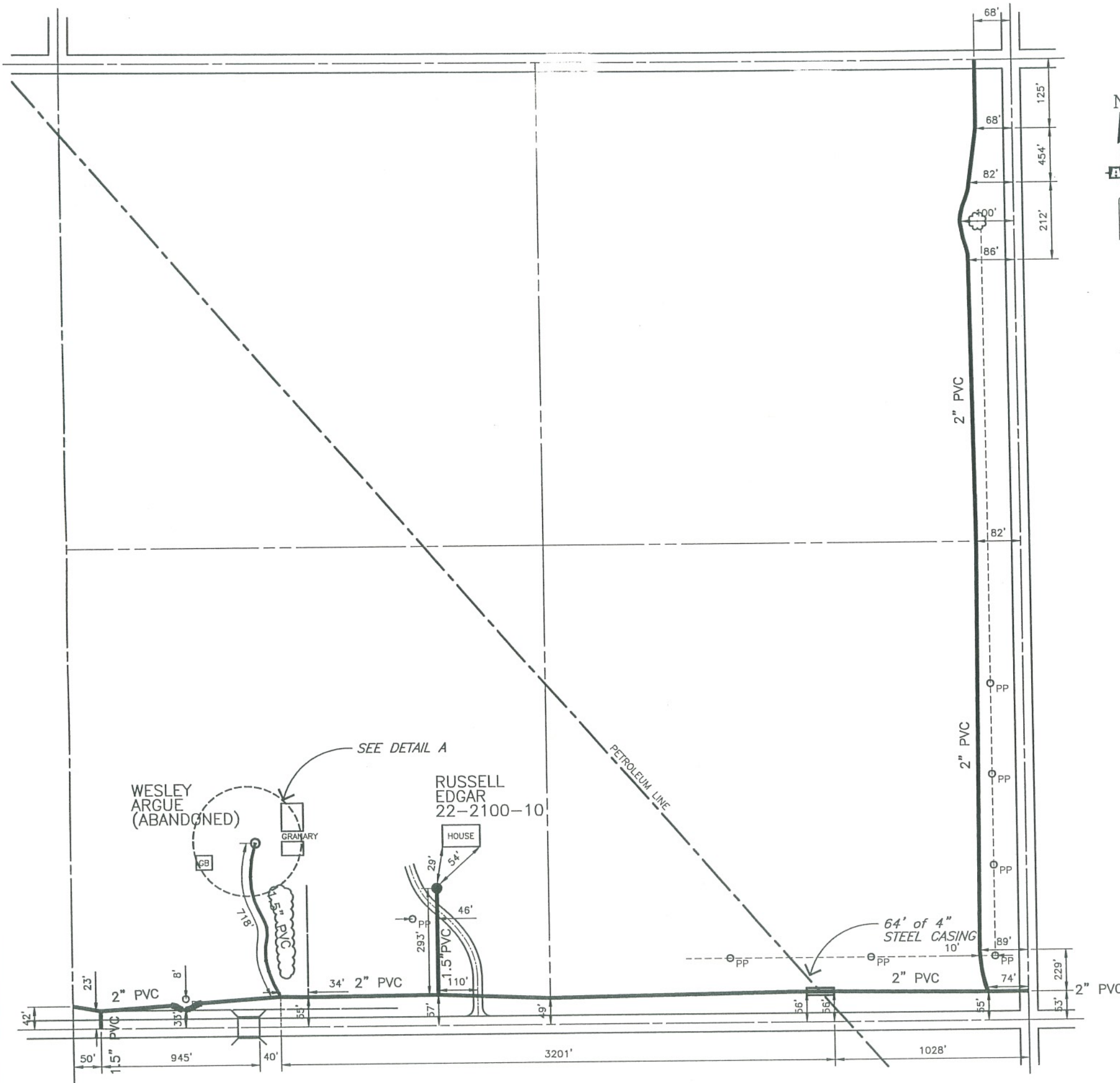
TWP - RGE
163-52

TWP. NO.
19

TWP. NAME
PEMBINA

SECTION NO.
29

Record Drawing Date: Aug., 75



Crossing 5

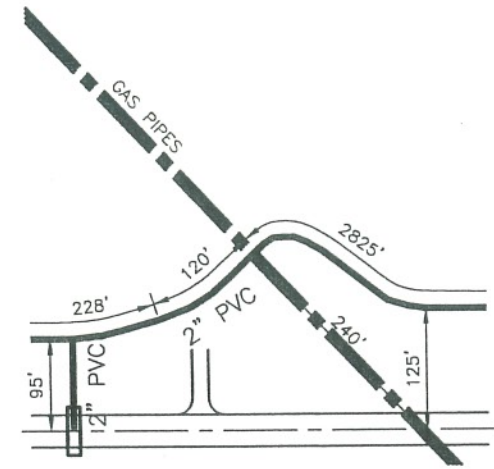
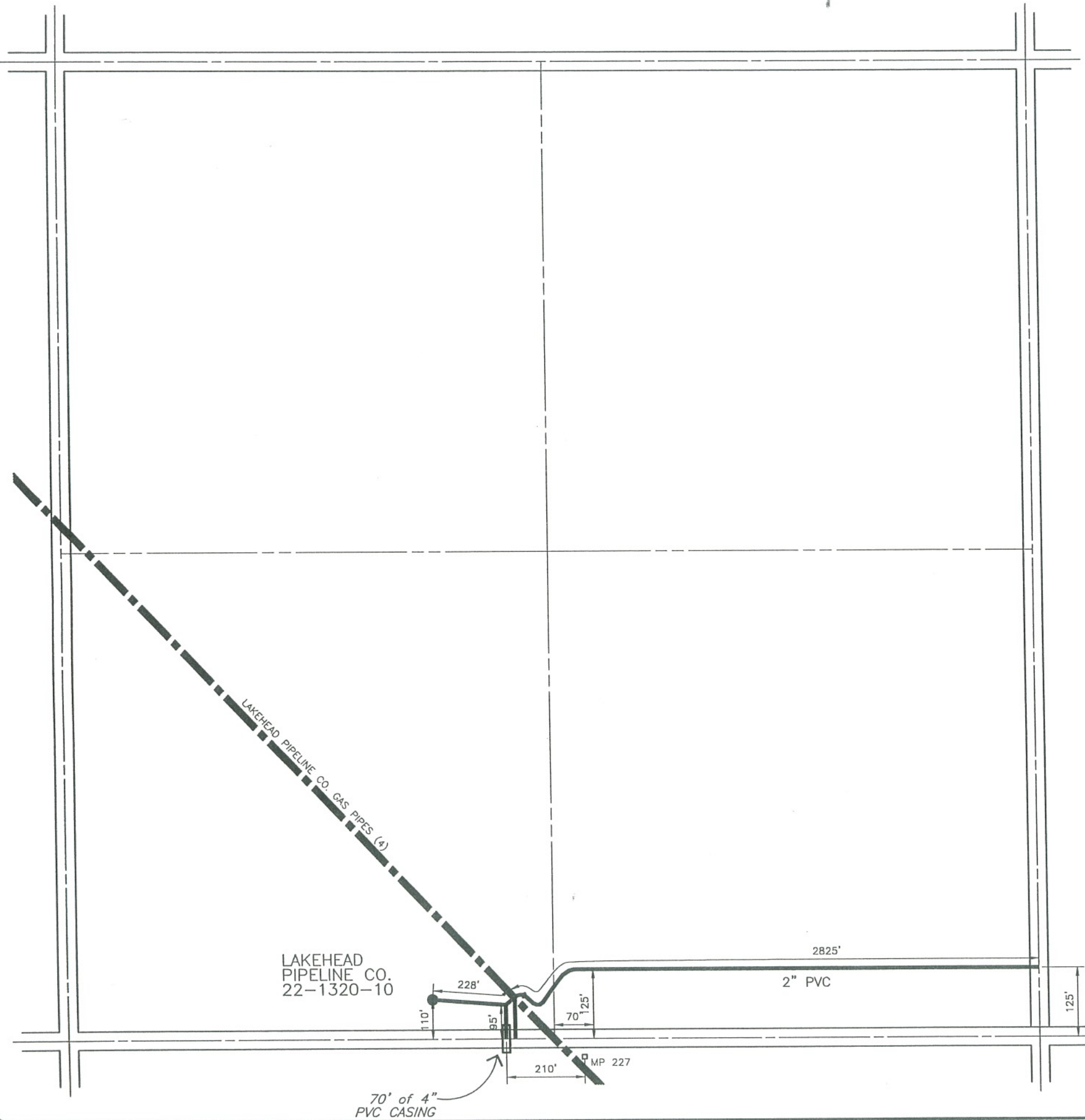
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 Bismarck, ND
 Moorhead, MN

NORTH VALLEY WATER ASSOCIATION, INC.
 CAVALIER, NORTH DAKOTA

FILE NAME	D:\NorthValley 1625210.dwg
DRAWN BY	EM
DATE	3-11-98
JOB NO.	P139-03.0
TWP - RGE	162-52
TWP. NO.	22
TWP. NAME	NORTH CARLISLE
SECTION NO.	10

Record Drawing Date: (by owner)



DETAIL A

Crossing 6

NOTE:
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FILE NAME
 D:\NorthValley
 1625132.dwg

DRAWN BY
 EM

DATE
 2-25-98

JOB NO.
 P139-03.0

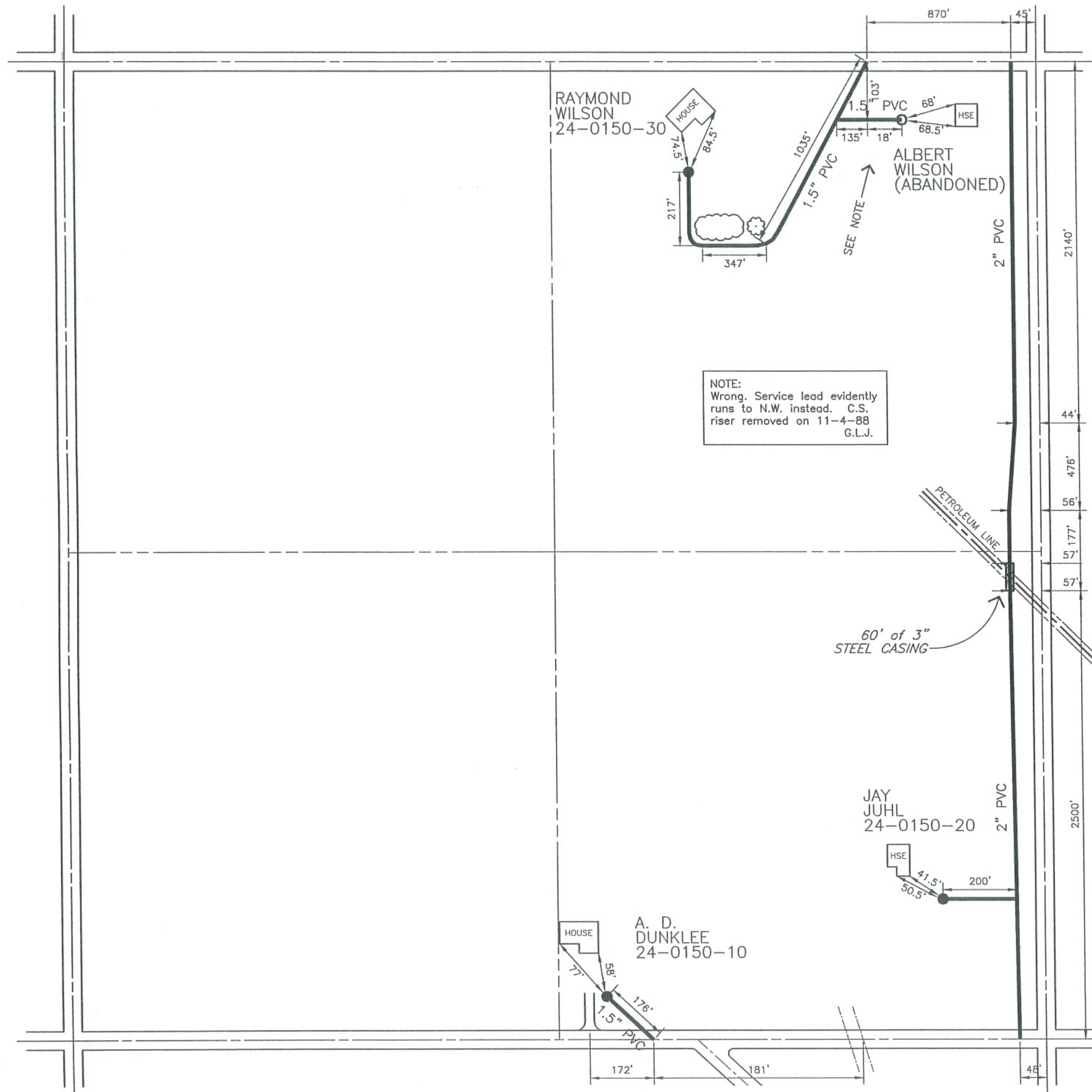
TWP - RGE
 162-51

TWP. NO.
 21

TWP. NAME
 NORTH
 JOLIETTE

SECTION NO.
 32

Record Drawing Date: Sept., 75



Crossing ⑦

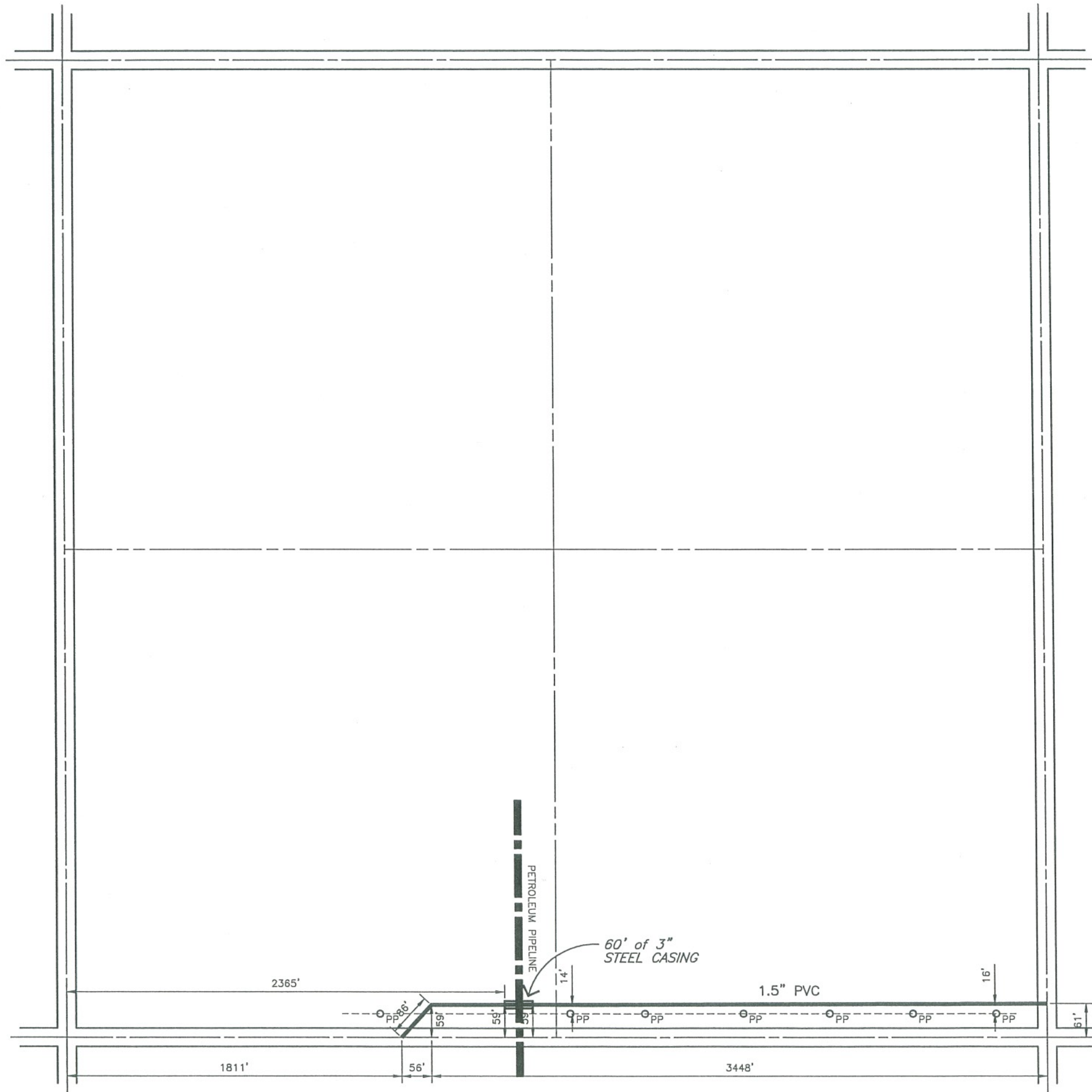
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Grand Forks, ND
Bismarck, ND
Moorhead, MN

NORTH VALLEY
WATER ASSOCIATION, INC.
CAVALIER, NORTH DAKOTA

FILE NAME	D:\NorthValley 1615115.dwg
DRAWN BY	EM
DATE	2-18-98
JOB NO.	P139-03.0
TWP - RGE	161-51
TWP. NO.	40
TWP. NAME	SOUTH JOLIETTE
SECTION NO.	15

Record Drawing Date: Sept., 75



Crossing ⑧

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& ENVIRONMENTAL SERVICES, INC.
Grand Forks, ND Blarrock, ND Moorhead, MN

NORTH VALLEY
WATER ASSOCIATION, INC.
CAVALIER, NORTH DAKOTA

FILE NAME
D:\NorthValley
1615114.dwg

DRAWN BY
EM

DATE
2-17-98

JOB NO.
P139-03.0

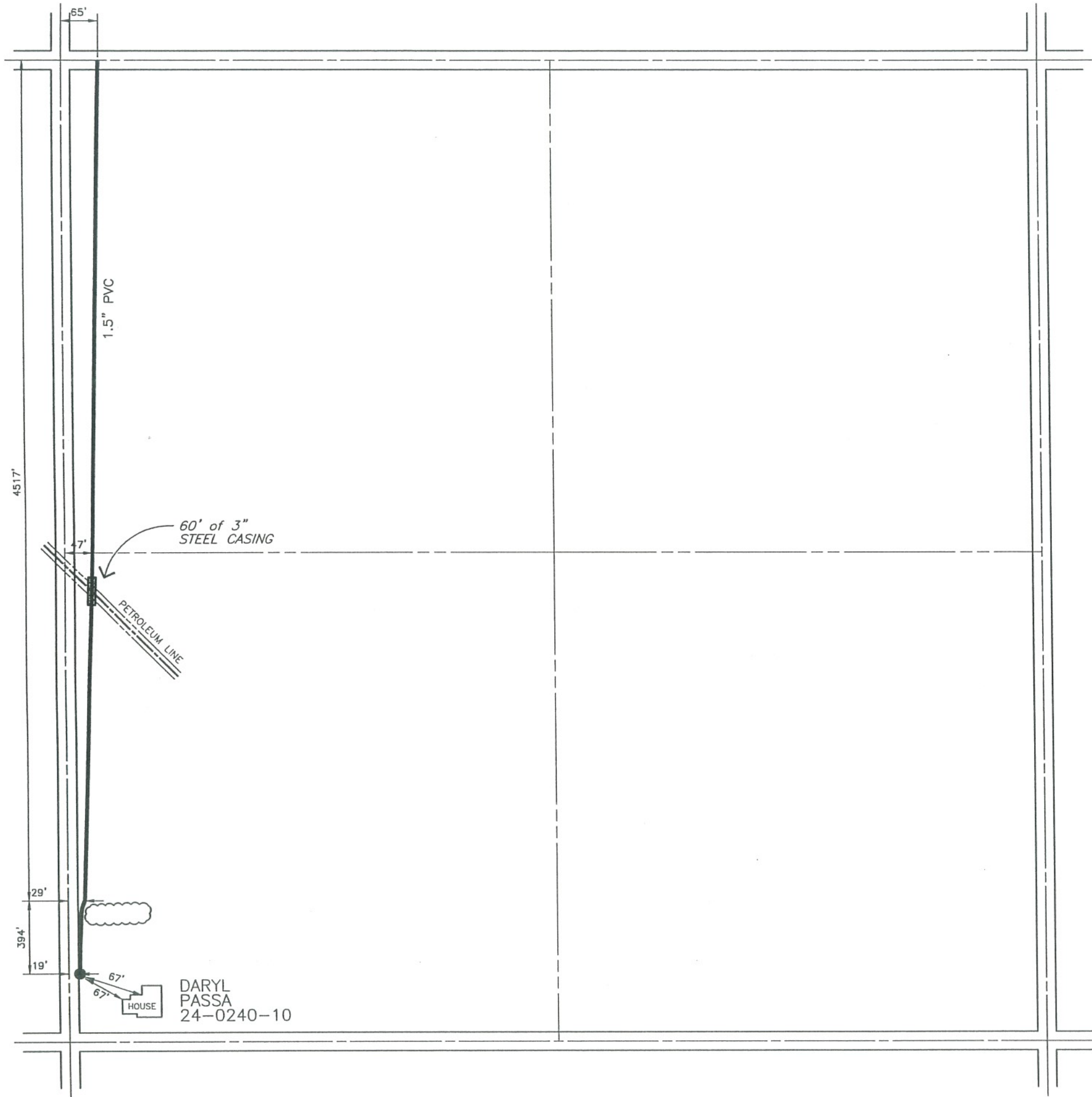
TWP - RGE
161-51

TWP. NO.
40

TWP. NAME
SOUTH
JOLIETTE

SECTION NO.
14

Record Drawing Date: Sept., 75



Crossing ⑨

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AE ADVANCED ENGINEERING & ENVIRONMENTAL SERVICES, INC.
Grand Forks, ND
Bismarck, ND
Moonhead, MN

NORTH VALLEY WATER ASSOCIATION, INC.
CAVALIER, NORTH DAKOTA

FILE NAME	D:\NorthValley 1615124.dwg
DRAWN BY	EM
DATE	2-16-98
JOB NO.	P139-03.0
TWP - RGE	161-51
TWP. NO.	40
TWP. NAME	SOUTH JOLIETTE
SECTION NO.	24