

PROPOSED ROAD RIGHT-OF-WAY, FLOWLINE RIGHT-OF-WAY & DAMAGE AREA

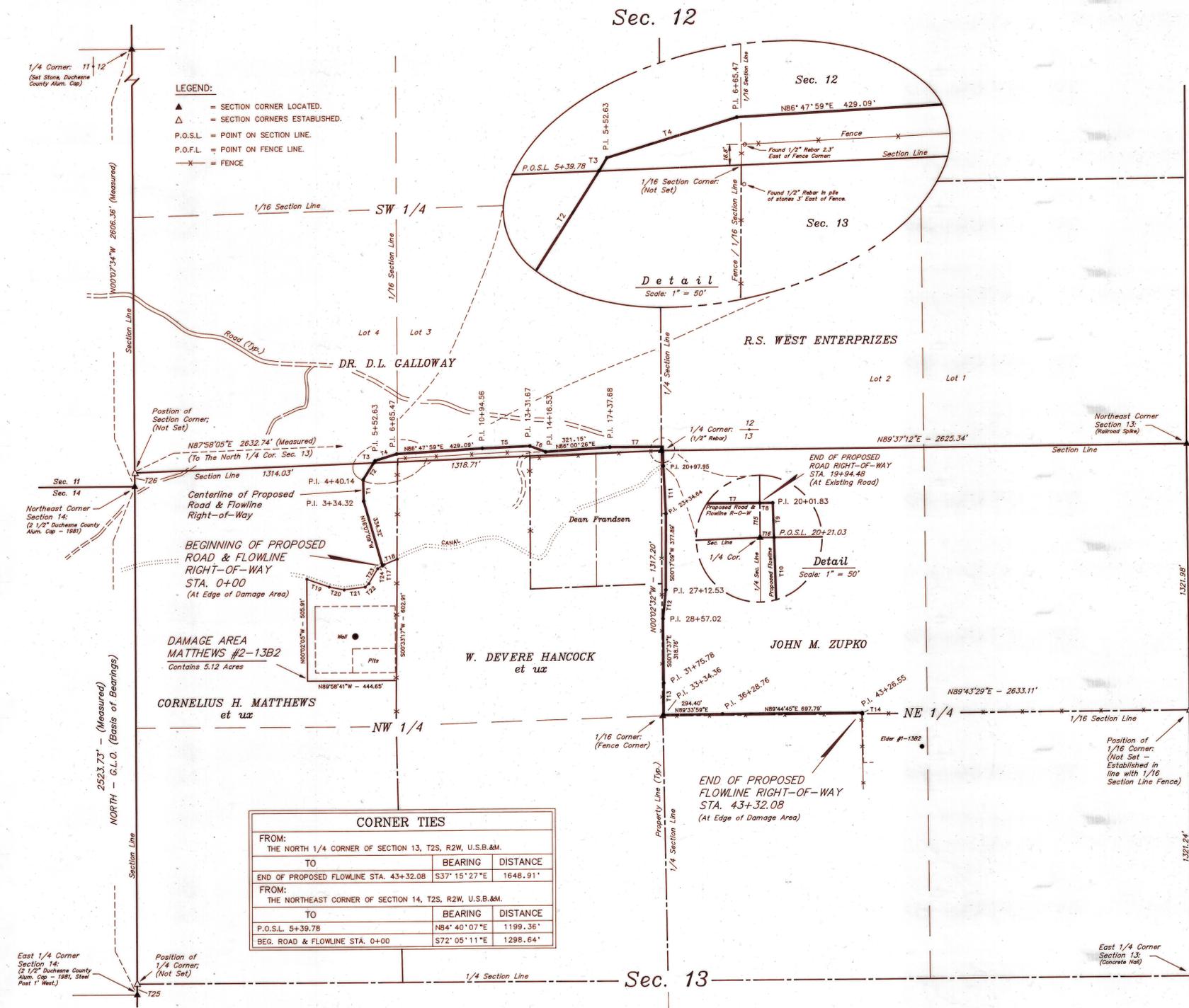
(For Matthews #2-13B2)

LOCATED IN SECTIONS 12 & 13, T2S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH

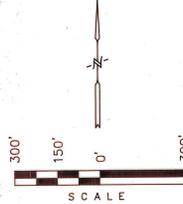
TANGENT BOX					
NR.	BEARING	TANGENT	NR.	BEARING	TANGENT
T1	N01°19'17"W	105.82'	T14	S01°08'41"E	5.53'
T2	N32°38'24"E	99.64'	T15	N00°00'53"E	19.25'
T3	N32°38'24"E	12.85'	T16	N89°37'12"E	7.87'
T4	N72°57'24"E	112.84'	T17	N57°58'07"E	8.58'
T5	N87°37'46"E	237.11'	T18	N67°28'09"E	70.82'
T6	S69°26'58"E	84.86'	T19	S70°46'25"E	118.54'
T7	S89°59'59"E	256.80'	T20	S78°22'58"E	75.09'
T8	S89°59'59"E	7.35'	T21	N85°46'49"E	106.04'
T9	S01°31'11"E	19.20'	T22	N47°14'17"E	24.85'
T10	S01°31'11"E	76.92'	T23	N31°15'40"E	86.31'
T11	S02°49'08"E	236.69'	T24	N57°55'07"E	28.78'
T12	S05°52'26"W	144.49'	T25	NORTH	54.10'
T13	S00°11'42"W	158.58'	T26	N00°07'34"W	69.07'

RIGHT-OF-WAY LENGTHS		
PROPERTY OWNER	FEET	RODS
Cornelius H. Matthews	539.78	32.71
Dr. D.L. Galloway	1454.70	88.16
R.S. West Enterprises	26.55	1.61
John M. Zupko	2311.05	140.06

NOTE:
TOTAL PIPELINE SLOPE DISTANCE IS 5200' ±



LEGEND:
 ▲ = SECTION CORNER LOCATED.
 △ = SECTION CORNERS ESTABLISHED.
 P.O.S.L. = POINT ON SECTION LINE.
 P.O.F.L. = POINT ON FENCE LINE.
 X = FENCE



DAMAGE AREA DESCRIPTION
 BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 13, T2S, R2W, U.S.B.&M. WHICH BEARS S72°05'11"E 1298.64' FROM THE NORTHEAST CORNER OF SECTION 14, T2S, R2W, U.S.B.&M. THENCE N72°28'09"E 70.82' TO THE EAST LINE OF THE SAID NW 1/4 NW 1/4; THENCE S03°31'11"W ALONG THE SAID EAST LINE OF THE NW 1/4 NW 1/4 602.91'; THENCE N89°58'41"W 444.65'; THENCE N02°05'05"W 505.91'; THENCE S70°46'25"E 118.54'; THENCE S78°22'58"E 75.09'; THENCE N82°48'49"E 106.04'; THENCE N47°14'17"E 24.85'; THENCE N31°15'40"E 86.31'; THENCE N57°55'07"E 28.78' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SAID SECTION 14 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH. CONTAINS 5.12 ACRES MORE OR LESS.

CORNELIUS H. MATTHEWS
PROPOSED ROAD & FLOWLINE RIGHT-OF-WAY DESCRIPTION
 A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 BEGINNING AT A POINT IN THE NW 1/4 OF SECTION 13, T2S, R2W, U.S.B.&M. WHICH BEARS S72°05'11"E 1298.64' FROM THE NORTHEAST CORNER OF SECTION 14, T2S, R2W, U.S.B.&M. THENCE N72°28'09"E 70.82'; THENCE S03°31'11"W ALONG THE SAID EAST LINE OF THE NW 1/4 NW 1/4 602.91'; THENCE N89°58'41"W 444.65'; THENCE N02°05'05"W 505.91'; THENCE S70°46'25"E 118.54'; THENCE S78°22'58"E 75.09'; THENCE N82°48'49"E 106.04'; THENCE N47°14'17"E 24.85'; THENCE N31°15'40"E 86.31'; THENCE N57°55'07"E 28.78' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SAID SECTION 14 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH. CONTAINS 0.62 ACRES MORE OR LESS.

DR. D.L. GALLOWAY
PROPOSED ROAD & FLOWLINE RIGHT-OF-WAY DESCRIPTION
 A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
 BEGINNING AT A POINT ON THE SOUTH LINE OF LOT 4 SECTION 12, T2S, R2W, U.S.B.&M. WHICH BEARS N84°40'07"E 1199.36' FROM THE NORTHEAST CORNER OF SECTION 14, T2S, R2W, U.S.B.&M. THENCE N32°38'24"E 12.85'; THENCE N72°28'09"E 70.82'; THENCE N88°47'59"E 429.09'; THENCE N87°37'46"E 237.11'; THENCE S89°59'59"E 84.86'; THENCE N86°47'59"E 429.09'; THENCE S89°59'59"E 256.80' MORE OR LESS TO A POINT ON THE EAST LINE OF LOT 3 OF SAID SECTION 12, WHICH POINT IS COMPUTED TO BEAR N0°00'53"E 19.25' FROM THE SOUTH 1/4 CORNER OF SAID SECTION. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 14, T2S, R2W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH. CONTAINS 1.67 ACRES MORE OR LESS.

R.S. WEST ENTERPRISES
PROPOSED FLOWLINE RIGHT-OF-WAY DESCRIPTION
 A 33' WIDE RIGHT-OF-WAY 16.5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE. EXCEPT WHERE THE CENTERLINE APPROACHES TO WITHIN LESS THAN 16.5' OF THE GRANTOR'S WEST PROPERTY LINE, IN THIS INSTANCE THE GRANTOR'S WEST PROPERTY LINE IS THE RIGHT EDGE OF THE SAID 33' WIDE RIGHT-OF-WAY.
 BEGINNING AT A POINT ON THE SOUTH LINE OF LOT 2, SECTION 12, T2S, R2W, U.S.B.&M. WHICH BEARS N89°37'12"E 7.87' FROM THE SOUTH 1/4 CORNER OF SAID SECTION, THENCE N01°31'11"W 19.20'; THENCE N89°59'59"E 7.35' MORE OR LESS TO A POINT ON THE WEST LINE OF SAID LOT 2, WHICH IS COMPUTED TO BEAR N0°00'53"E 19.25' FROM THE SAID SOUTH 1/4 CORNER. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 14, T2S, R2W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH. CONTAINS 0.02 ACRES MORE OR LESS.

SURVEYOR'S NARRATIVE
 WE WERE REQUESTED BY ANR PRODUCTION CO. TO SURVEY THE ACCESS ROAD, DAMAGE AREA & FLOWLINE FOR THE MATTHEWS 2-13B2 WELL SITE. AS CONTROL FOR THIS SURVEY WE USED THE SECTION CORNERS SHOWN AS LOCATED HEREON. WE MADE A SEARCH FOR THE NORTHWEST CORNER AND WEST 1/4 CORNER OF SECTION 13, BUT WERE UNABLE TO LOCATE THEM. WE RE-ESTABLISHED THESE CORNERS ACCORDING TO THE MANUAL OF SURVEY INSTRUCTIONS. WE DID NOT SET THESE CORNERS ON THE GROUND. USING THE THREE MILE METHOD OF SECTION BREAKDOWN WE HONORED THE FENCE LINE ALONG THE EAST LINE OF THE NW 1/4 NW 1/4 OF SECTION 13 AND ITS INTERSECTION WITH THE NORTH SECTION LINE AS BEING THE NORTHEAST CORNER OF THE NW 1/4 NW 1/4 OF SECTION 13. THE EAST-WEST FENCE LYING +16' NORTH OF THE SECTION LINE AT THE SAID NORTHEAST CORNER OF THE NW 1/4 NW 1/4 OF SECTION 13 IS A NEW FENCE. THEREFORE WE DID NOT HONOR IT AS THE SECTION LINE. WE HONORED THE FENCE CORNER AT THE SOUTHWEST CORNER N 1/2 NE 1/4 OF SECTION 13 AS THE 1/16 CORNER. WE ALSO HONORED THE FENCE LINE ALONG THE SOUTH LINE OF THE SAID N 1/2 NE 1/4 AS THE 1/16 SECTION LINE, AND ESTABLISHED THE SOUTHEAST CORNER OF THE SAID N 1/2 NE 1/4 IN LINE WITH THIS AND ON THE LINE BETWEEN THE EAST 1/4 AND NORTHEAST CORNERS OF SAID SECTION 13. AS BASIS OF BEARINGS FOR THIS SURVEY WE USED THE G.L.O. BEARING OF NORTH ALONG THE EAST LINE OF SECTION 14, T2S, R2W, U.S.B.&M.

JOHN M. ZUPKO
PROPOSED FLOWLINE RIGHT-OF-WAY DESCRIPTION
 A 33' WIDE RIGHT-OF-WAY 16.5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE. EXCEPT WHERE THE CENTERLINE APPROACHES TO WITHIN LESS THAN 16.5' OF THE WEST & SOUTH PROPERTY LINES, IN THIS INSTANCE THE GRANTOR'S WEST & SOUTH PROPERTY LINES ARE THE RIGHT EDGE OF THE SAID 33' WIDE RIGHT-OF-WAY.
 BEGINNING AT A POINT ON THE NORTH LINE OF THE NW 1/4 NE 1/4 OF SECTION 13, T2S, R2W, U.S.B.&M. WHICH BEARS N89°37'12"E 7.87' FROM THE NORTH 1/4 CORNER OF SAID SECTION, THENCE S01°31'11"E 19.20'; THENCE S02°49'08"E 236.69'; THENCE S00°17'09"W 377.89'; THENCE S05°52'26"W 144.49'; THENCE S00°11'42"W 158.58'; THENCE N89°33'59"E 294.40'; THENCE N89°44'45"E 697.79'; THENCE S01°08'41"E 5.53' TO A POINT ON THE SOUTH LINE OF THE SAID NW 1/4 NE 1/4 WHICH BEARS S37°15'27"E 1648.91' FROM THE SAID NORTH 1/4 CORNER. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 14, T2S, R2W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH. CONTAINS 1.75 ACRES MORE OR LESS.

CORNER TIES			
FROM:	THE NORTH 1/4 CORNER OF SECTION 13, T2S, R2W, U.S.B.&M.	TO:	THE NORTHEAST CORNER OF SECTION 14, T2S, R2W, U.S.B.&M.
		BEARING	DISTANCE
	END OF PROPOSED FLOWLINE STA. 43+32.08	S37°15'27"E	1648.91'
FROM:	THE NORTHEAST CORNER OF SECTION 14, T2S, R2W, U.S.B.&M.	TO:	P.O.S.L. 5+39.78
		BEARING	DISTANCE
	BEG. ROAD & FLOWLINE STA. 0+00	N84°40'07"E	1199.36'
		S72°05'11"E	1298.64'

DUCHESNE COUNTY SURVEYOR'S CERTIFICATE
 THE DUCHESNE COUNTY SURVEYOR, HAS CHECKED THIS PLAT FOR FORM AND ADHERANCE TO THE STATE OF UTAH REQUIREMENTS FOR ITEMS TO BE ON A SURVEYOR'S PLAT FOR RECORDING WITH THE COUNTY SURVEYORS OFFICE, ON THIS _____ DAY OF _____, 19____.

DUCHESNE COUNTY SURVEYOR

CERTIFICATE
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

30 Dec 93 Duchesne County Surveyor's File # 280

UNTAH ENGINEERING & LAND SURVEYING
 PHONE: (801) 789-1017
 85 SOUTH 200 EAST - VERNAL, UTAH 84078

SCALE:	DATE:
1" = 300'	6-02-92
SURVEYED BY:	DRAWN BY:
L.D.T. R.L.K. D.A. J.T.K.	J.R.S. T.D.H.
WEATHER:	FILE:
WARM	31075 - A

FILE NO. _____ FEE PAID \$ _____ AT THE REQUEST OF UNTAH ENGINEERING AND LAND SURVEYING, THIS _____ DAY OF _____, 19____.