SECTION 8

FND. BLM BRASS CAP
1/4 SECS. 7 & 8
T.23N., R.19W., 2004

N80°01'09"W 692.388m

Line Table: Centerline Alignment		
LINE NO.	BEARING	LENGTH
L1	S17°15'40"W	43.592m
L2	S02°01'42"E	11.973m
L3	N51°57'41"E	3.685m

LINE TABLE		
LINE NO.	BEARING	LENGTH
L4	N58°45'58"E	15.000m
L5	S17°15'40"W	43.592m
L6	S88°54'19"W	3.000m
L7	S02°01'42"E	11.973m
L8	N58°22'31"E	8.000m
L9	S00°43'58"E	5.000m
L10	N36°05'34"W	5.000m
L11	S38°02'19"E	5.000m
L12	N51°57'41"E	3.685m
L67	S51°57'41"W	3.685m
L68	S31°06'41"W	5.000m
L69	N12°53'07"W	5.000m
L70	N75°14'40"E	5.000m
L71	N02°01'42"W	11.973m
L72	N87°37'00"W	5.000m
L73	N17°15'40"E	9.155m
L74	S72°44'20"E	6.700m
L75	N17°15'40"E	34.438m
L76	N80°39'10"W	6.700m
L77	N58°45'58"E	15.000m

CURVE TABLE					
CURVE NO.	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C1	108.058m	127.668m	48°29'43"	104.8615m	S06°59'11"E
C2	306.040m	955.267m	18°21'21"	304.7325m	S08°05'00"W
C3	15.616m	958.267m	0°56'01"	15.6161m	S01°33'42"E
C4	35.645m	70.000m	29°10'34"	35.2615m	S16°36'59"E
C5	64.474m	62.000m	59°34'57"	61.6083m	S60°56'29"E
C6	120.322m	567.280m	12°09'10"	120.0967m	N83°11'28"E
C7	160.407m	396.023m	23°12'26"	159.3127m	N65°30'40"E
C8	193.534m	165.000m	67°12'14"	182.6288m	N87°30'34"E
C9	187.069m	155.000m	69°09'00"	175.9202m	N86°32'11"E
C10	169.715m	267.000m	36°25'09"	166.8720m	N70°10'15"E
C51	150.646m	237.000m	36°25'09"	148.1223m	S70°10'15"W
C52	229.310m	190.000m	69°09'00"	215.6441m	N86°32'11"E
C53	146.616m	125.000m	67°12'14"	138.3551m	S87°30'34"W
C54	174.584m	431.023m	23°12'26"	173.3926m	S65°30'40"W
C55	126.685m	597.280m	12°09'10"	126.4479m	S83°11'28"W
C56	128.627m	97.000m	75°58'38"	119.4079m	N52°44'39"W
C58	20.436m	92.000m	12°43'38"	20.3940m	N08°23'31"W
C59	75.482m	980.267m	4°24'43"	75.4632m	N00°10'39"E
C60	255.840m	985.267m	14°52'40"	255.1220m	N09°49'20"E
C61	14.416m	104.368m	7°54'51"	14.4045m	N13°18'15"E
C62	69.176m	97.668m	40°34'52"	67.7388m	S10°56'36"E

SURVEY CL
L=95.362m
R=112.668m
CH=92.541m
CB=S06°59'11"E

PC: 0+110.200
PT: 0+205.562
PC: 0+249.155
PT: 0+575.812
PC: 0+587.785

SURVEY CL
L=326.657m
R=970.267m
CH=325.117m
CB=S07°36'59"W

SURVEY CL
L=123.504m
R=582.280m
CH=123.272m
CB=N83°11'28"E

PT: 0+714.738
PC: 0+869.606
PT: 1+038.110

SURVEY CL
L=166.483m
R=411.023m
CH=165.347m
CB=N65°30'40"E

PC: 1+228.830
PT: 1+394.312
PC: 1+564.497

SURVEY CL
L=126.951m
R=82.000m
CH=114.647m
CB=S46°22'50"E

N89°16'02"E 154.870m
S89°16'02"W 154.870m
N77°06'53"E 231.720m
S77°06'53"W 231.720m
N53°54'26"E 173.174m
S53°54'26"W 173.174m

FND. BLM BRASS CAP
1/4 SEC. 8 & 17
T.23N., R.19W., 2004

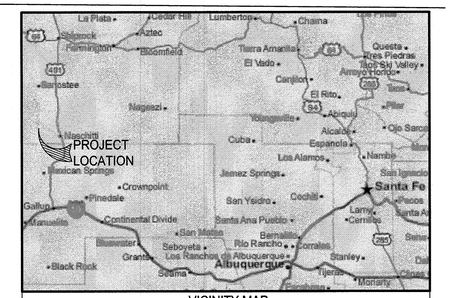
S89°24'35"E 804.406m (2639.12')

SECTION 17

FND. BLM BRASS CAP
1/4 SECS. 8 & 9
T.23N., R.19W., 2004

NORTH

Meters
60 0 60 120
1:200



VICINITY MAP
SCALE:
N.T.S.

SECTION 9

S00°34'30"W 448.106m (1470.16')

SURVEY CL
L=211.207m
R=175.000m
CH=198.620m
CB=N86°32'11"E

PC: 1+915.015
PT: 2+126.222

SURVEY CL
L=160.180m
R=252.000m
CH=157.497m
CB=N70°10'15"E

PC: 2+129.908
PT: 2+290.088

SURVEY CL
L=170.075m
R=145.000m
CH=160.492m
CB=N87°30'34"E

S00°34'30"W 356.371m (1169.19')

FND. BLM BRASS CAP
SECS 8, 9, 15 & 17
T.23N., R.19W., 2004
19W

S89°25'12"E 804.404m (2639.12')

SECTION 16

LEGEND:

- ♦ = FOUND SECTION CORNER (AS NOTED)
- ● = SET RIGHT OF WAY MARKER
- = RIGHT-OF-WAY SECURED UNDER N19(1)2&4, RIGHT OF WAY MAPS DATED 11/1966.

SURVEYOR'S CERTIFICATE:

I, BENJAMIN M. ARAGON, NEW MEXICO PROFESSIONAL SURVEYOR No. 15268, DO HEREBY CERTIFY THAT THIS SURVEY WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

BENJAMIN M. ARAGON N.M.P.S. 15268

BENJAMIN M. ARAGON NEW MEXICO 15268 PROFESSIONAL SURVEYOR 3-20-24

3-20-24
DATE

DRAWN _____ CHECKED _____
DATE DATE

DESIGNED _____ _____
DATE PROJECT ENGINEER

APPROVED _____ _____
DATE PROJECT MANAGER

NAVAJO ROUTE 5001

TOADLENA TO GREY HILLS

WILSON & COMPANY
4401 Masthead Street NE, Suite 150
Albuquerque, New Mexico 87109
PH (505) 348-4000
FAX (505) 348-4055
www.wilsonco.com

TOADLENA, NAVAJO INDIAN RESERVATION ROUTE N5001

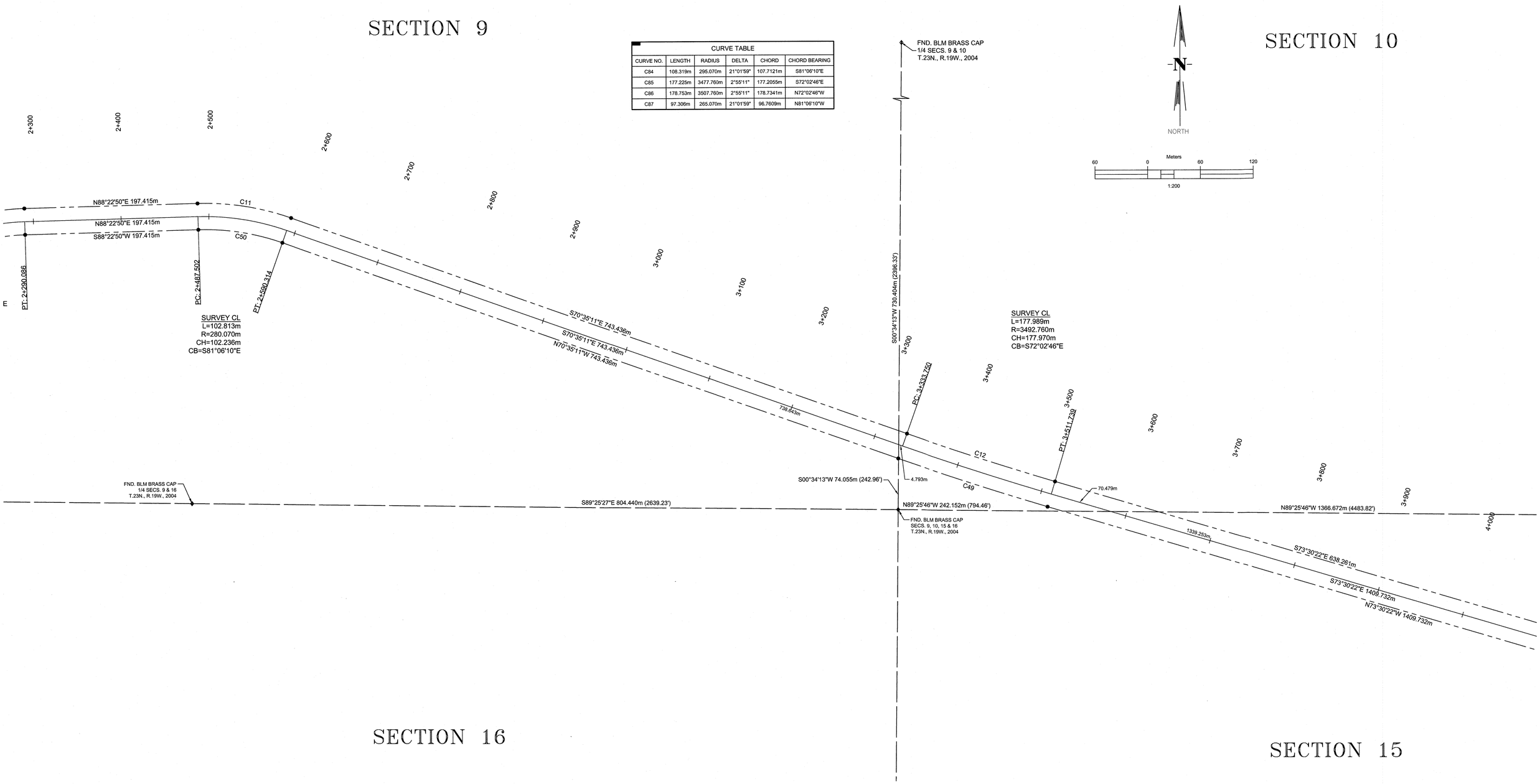
SECTIONS 8, 9, 10, 11, 12, 13, 14,15,16 & 17 T.23N., R19W., N.M.P.M. &
SECTIONS 7,8,17 & 18 T.23N., R.18W., N.M.P.M.
McKINLEY COUNTY, NEW MEXICO

NO.	REVISIONS	BY	DATE
1	REVISED START OF R/W TO STA 0+039.000 (ADDED 2-TCE's TO SHEET 5 OF 7)	amt	3/2024

PROJECT NO. 17-100-090-14
SHEET NO. 1 of 7
FILE NAME: 17190-14_ROW.dwg
SCALE: 1:200

SECTION 9

CURVE TABLE					
CURVE NO.	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C84	108.319m	295.070m	21°01'59"	107.7121m	S81°06'10"E
C85	177.225m	3477.760m	2°55'11"	177.2055m	S72°02'46"E
C86	178.753m	3507.760m	2°55'11"	178.7341m	N72°02'46"W
C87	97.306m	265.070m	21°01'59"	96.7609m	N81°06'10"W



SECTION 10

SECTION 16

SECTION 15

LEGEND:

- ⬧ = FOUND SECTION CORNER (AS NOTED)
- ● = SET RIGHT OF WAY MARKER

SURVEYOR'S CERTIFICATE:

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BENJAMIN M. ARAGON N.M.P.S. 15268 — DATE: 3-20-24

BENJAMIN M. ARAGON NEW MEXICO 15268 PROFESSIONAL SURVEYOR 3-20-24

DRAWN _____ DATE _____ CHECKED _____ DATE _____

DESIGNED _____ DATE _____ PROJECT ENGINEER _____

APPROVED _____ DATE _____ PROJECT MANAGER _____

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SECTIONS 7,8,17 & 18 T.23N., R.18W., N.M.P.M.
McKINLEY COUNTY, NEW MEXICO

NO.	REVISIONS	BY	DATE
1	REVISED START OF R/W TO STA 0+039.000 (ADDED 2-TCE'S TO SHEET 5 OF 7)	amt	3/2024

PROJECT NO. 17-100-090-14

SHEET NO. 2 of 7

FILE NAME: 17190-14_ROW.dwg

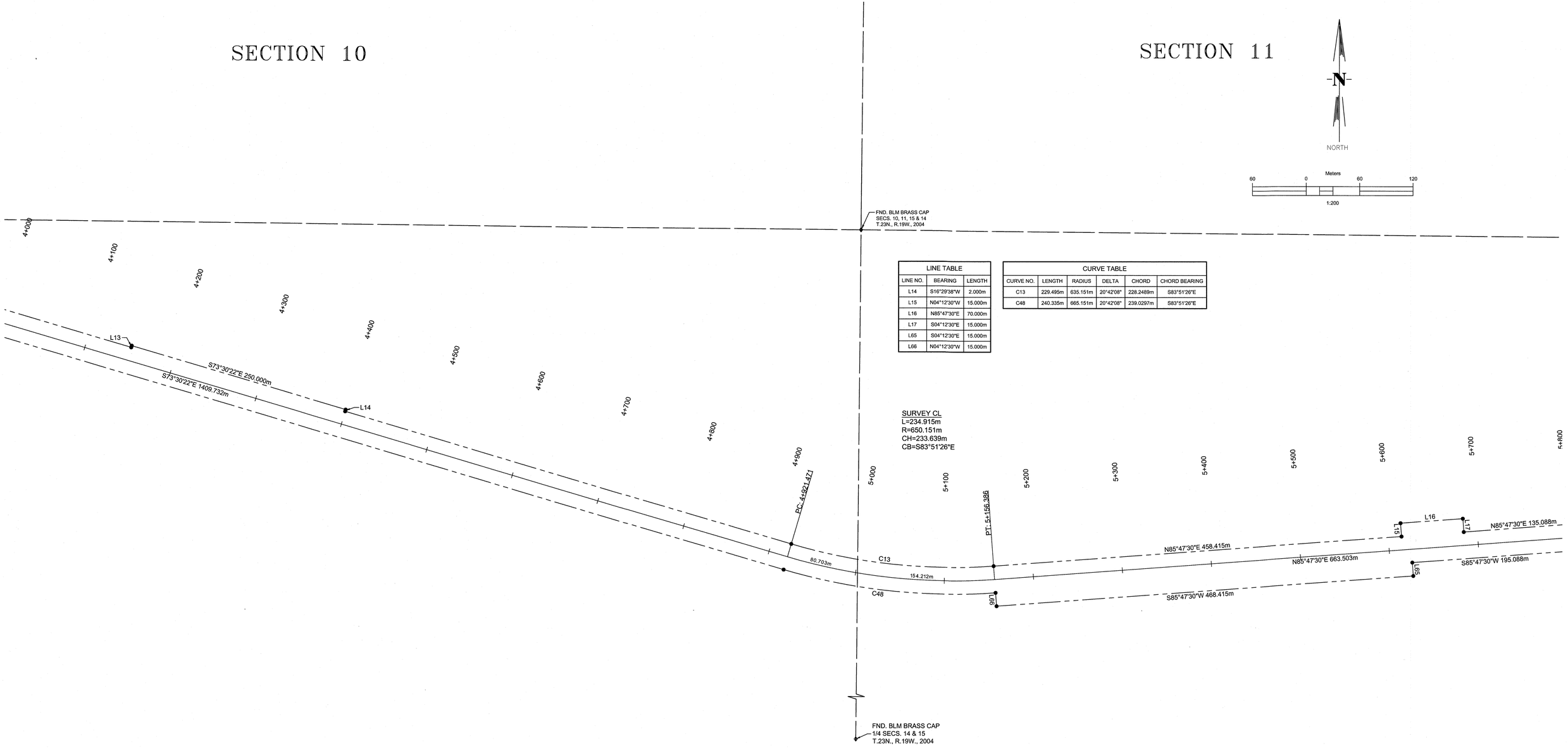
SCALE: 1:200

SECTION 10

SECTION 11

SECTION 15

SECTION 14



SURVEY CL
L=234.915m
R=650.151m
CH=233.639m
CB=S83°51'26"E

LINE TABLE		
LINE NO.	BEARING	LENGTH
L14	S16°29'38"W	2.000m
L15	N04°12'30"W	15.000m
L16	N85°47'30"E	70.000m
L17	S04°12'30"E	15.000m
L65	S04°12'30"E	15.000m
L66	N04°12'30"W	15.000m

CURVE TABLE					
CURVE NO.	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C13	229.495m	635.151m	20°42'08"	228.2489m	S83°51'26"E
C48	240.335m	665.151m	20°42'08"	239.0297m	S83°51'26"E

LEGEND:

♦ = FOUND SECTION CORNER (AS NOTED)

● = SET RIGHT OF WAY MARKER

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BENJAMIN M. ARAGON N.M.P.S. 15268

BENJAMIN M. ARAGON NEW MEXICO 15268 PROFESSIONAL SURVEYOR 7-20-24

7·20·24
DATE

DRAWN _____ DATE CHECKED _____ DATE

DESIGNED _____ DATE _____ PROJECT ENGINEER

APPROVED _____ DATE _____ PROJECT MANAGER

NAVAJO ROUTE 5001

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McKINLEY COUNTY, NEW MEXICO

NO.	REVISIONS	BY	DATE
⚠	REVISED START OF R/W TO STA 0+039.000 (ADDED 2-TCE's TO SHEET 5 OF 7)	amt	3/2024

PROJECT NO. 17-100-090-14

SHEET NO. 3 of 7

FILE NAME: 17190-14_ROW.dwg

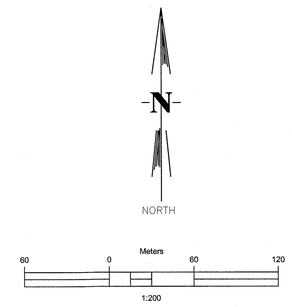
SCALE: 1:200

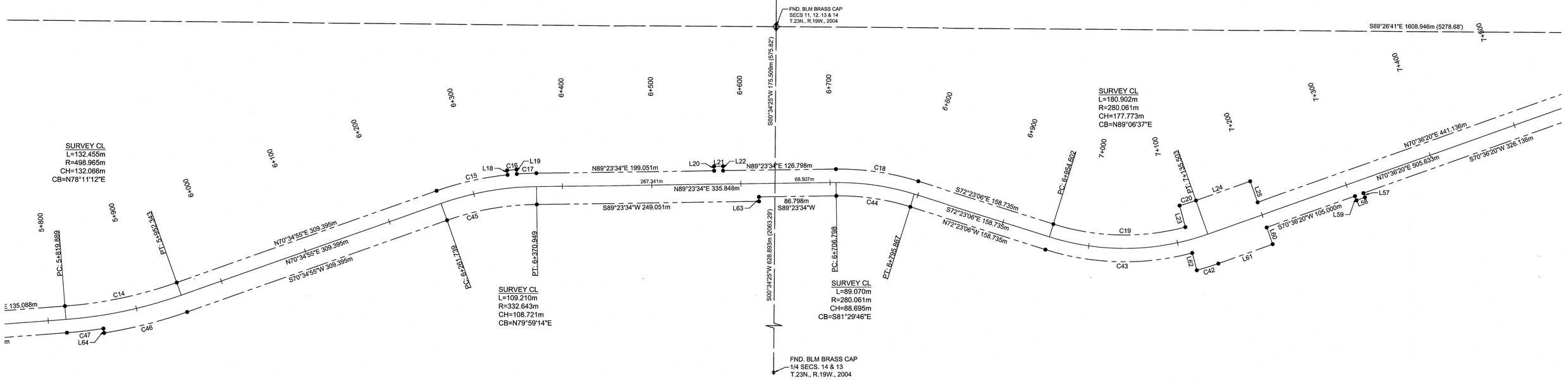
SECTION 11

LINE TABLE		
LINE NO.	BEARING	LENGTH
L18	N05°56'17"W	5.000m
L19	S04°12'56"E	5.000m
L20	N00°36'26"W	5.000m
L21	N89°23'34"E	10.000m
L22	S00°36'26"E	5.000m
L23	N14°47'27"W	25.000m
L24	N70°36'20"E	64.497m
L25	S19°23'40"E	25.000m
L57	S19°23'40"E	5.000m
L58	S70°36'20"W	10.000m
L59	N19°23'40"W	5.000m
L60	S19°23'40"E	20.000m
L61	S70°36'20"W	64.497m
L62	N14°47'27"W	20.000m
L63	S00°36'26"E	5.000m
L64	N08°48'52"W	5.000m

CURVE TABLE					
CURVE NO.	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C14	128.473m	483.965m	15°12'35"	128.0958m	N78°11'12"E
C15	81.790m	347.643m	13°28'48"	81.6018m	N77°19'19"E
C16	10.601m	352.643m	1°43'21"	10.6008m	N84°55'23"E
C17	21.894m	347.643m	3°36'30"	21.8903m	N87°35'19"E
C18	93.840m	295.061m	18°13'20"	93.4454m	S81°29'46"E
C19	149.914m	265.061m	32°24'20"	147.9242m	S88°35'16"E
C20	19.289m	240.061m	4°36'14"	19.2841m	N72°54'27"E
C42	25.316m	315.061m	4°36'14"	25.3089m	S72°54'27"W
C43	166.882m	295.061m	32°24'20"	164.6664m	N88°35'16"W
C44	84.299m	265.061m	18°13'20"	83.9444m	N81°29'46"W
C45	102.644m	312.643m	18°48'39"	102.1838m	S79°59'14"W
C46	96.045m	518.965m	10°36'13"	95.9077m	S75°53'01"W
C47	41.317m	513.965m	4°36'21"	41.3059m	S83°29'19"W

SECTION 12





SECTION 14

SECTION 13

LEGEND:

- ◆ = FOUND SECTION CORNER (AS NOTED)
- ● = SET RIGHT OF WAY MARKER

SURVEYOR'S CERTIFICATE:

I, BENJAMIN M. ARAGON, NEW MEXICO PROFESSIONAL SURVEYOR No. 15268, DO HEREBY CERTIFY THAT THIS SURVEY WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

BENJAMIN M. ARAGON N.M.P.S. 15268

BENJAMIN M. ARAGON NEW MEXICO 15268 PROFESSIONAL SURVEYOR 3-20-24

3-20-24
DATE

DRAWN _____ DATE _____ CHECKED _____ DATE _____

DESIGNED _____ DATE _____ PROJECT ENGINEER _____

APPROVED _____ DATE _____ PROJECT MANAGER _____

NAVAJO ROUTE 5001

TOADLENA TO GREY HILLS

WILSON & COMPANY
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TOADLENA, NAVAJO INDIAN RESERVATION ROUTE N5001

SECTIONS 8, 9, 10, 11, 12, 13, 14,15,16 & 17 T.23N., R19W., N.M.P.M. & SECTIONS 7,8,17 & 18 T.23N., R.18W., N.M.P.M.
McKINLEY COUNTY, NEW MEXICO

NO.	REVISIONS	BY	DATE
1	REVISED START OF R/W TO STA 0+039.000 (ADDED 2-TCE's TO SHEET 5 OF 7)	amt	3/2024

PROJECT NO. 17-100-090-14

SHEET NO. 4 of 7

FILE NAME: 17190-14_ROW.dwg

SCALE: 1:200

SECTION 12

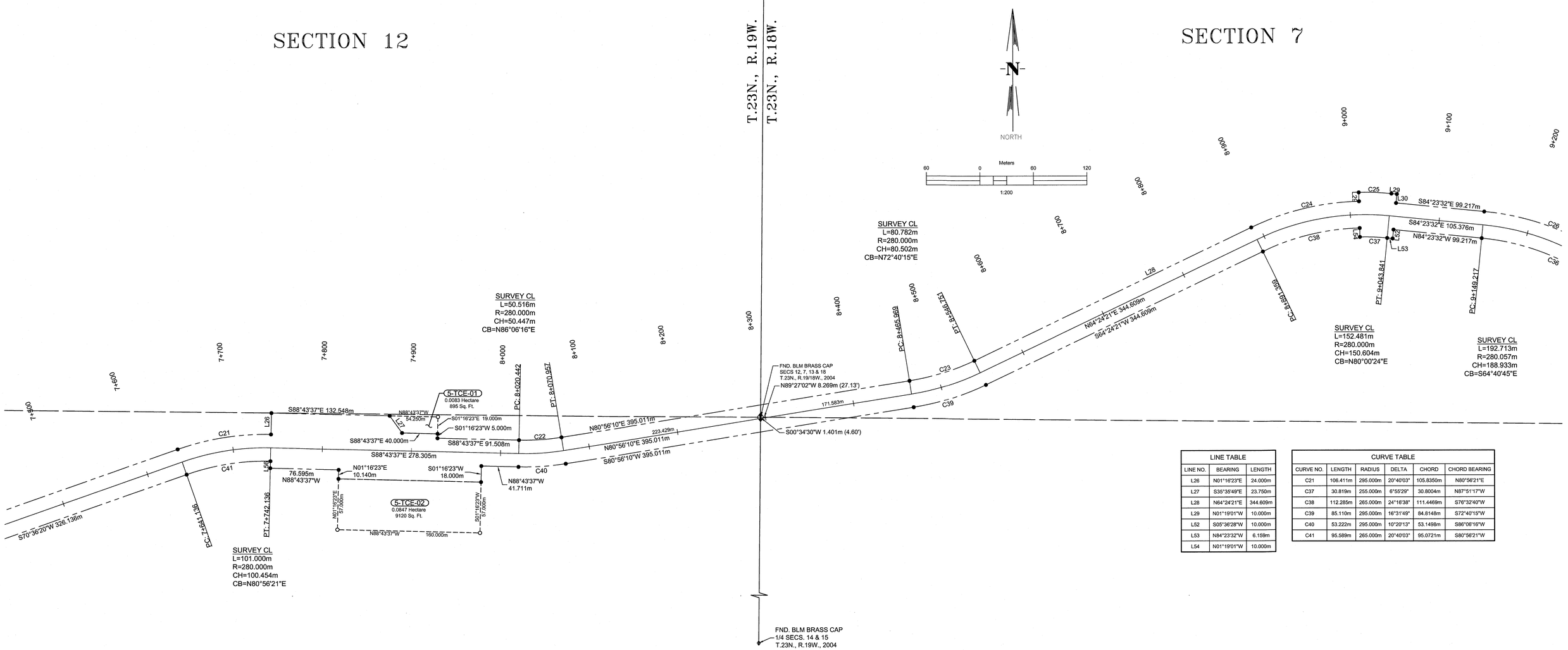
SECTION 13

T.23N., R.19W.

T.23N., R.18W.

SECTION 7

SECTION 18



LINE TABLE

LINE NO.	BEARING	LENGTH
L26	N01°16'23"E	24.000m
L27	S35°35'49"E	23.750m
L28	N64°24'21"E	344.609m
L29	N01°19'01"W	10.000m
L52	S05°36'28"W	10.000m
L53	N84°23'32"W	6.159m
L54	N01°19'01"W	10.000m

CURVE TABLE

CURVE NO.	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C21	106.411m	295.000m	20°40'03"	105.8350m	N80°56'21"E
C37	30.819m	255.000m	6°55'29"	30.8004m	N87°51'17"W
C38	112.285m	265.000m	24°16'38"	111.4469m	S76°32'40"W
C39	85.110m	295.000m	16°31'49"	84.8148m	S72°40'15"W
C40	53.222m	295.000m	10°20'13"	53.1498m	S86°06'16"W
C41	95.589m	265.000m	20°40'03"	95.0721m	S80°56'21"W

LEGEND:

· = FOUND SECTION CORNER (AS NOTED)

● = SET RIGHT OF WAY MARKER

SURVEYOR'S CERTIFICATE:

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BENJAMIN M. ARAGON N.M.P.S. 15268 — DATE 3-20-21

BENJAMIN M. ARAGON NEW MEXICO 15268 PROFESSIONAL SURVEYOR 3-20-21

DRAWN DATE CHECKED DATE

DESIGNED DATE PROJECT ENGINEER

APPROVED DATE PROJECT MANAGER

NAVAJO ROUTE 5001

TOADLENA TO GREY HILLS

WILSON & COMPANY
4401 Masthead Street NE, Suite 150
Albuquerque, New Mexico 87109
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TOADLENA, NAVAJO INDIAN RESERVATION ROUTE N5001

SECTIONS 8, 9, 10, 11, 12, 13, 14,15,16 & 17 T.23N., R19W., N.M.P.M. & SECTIONS 7,8,17 & 18 T.23N., R.18W., N.M.P.M.

McKINLEY COUNTY, NEW MEXICO

NO.	REVISIONS	BY	DATE
1	REVISED START OF R/W TO STA 0+039.000 (ADDED 2-TCE's TO SHEET 5 OF 7)	amt	3/2024

PROJECT NO. 17-100-090-14

SHEET NO. 5 of 7

FILE NAME: 17190-14_ROW.dwg

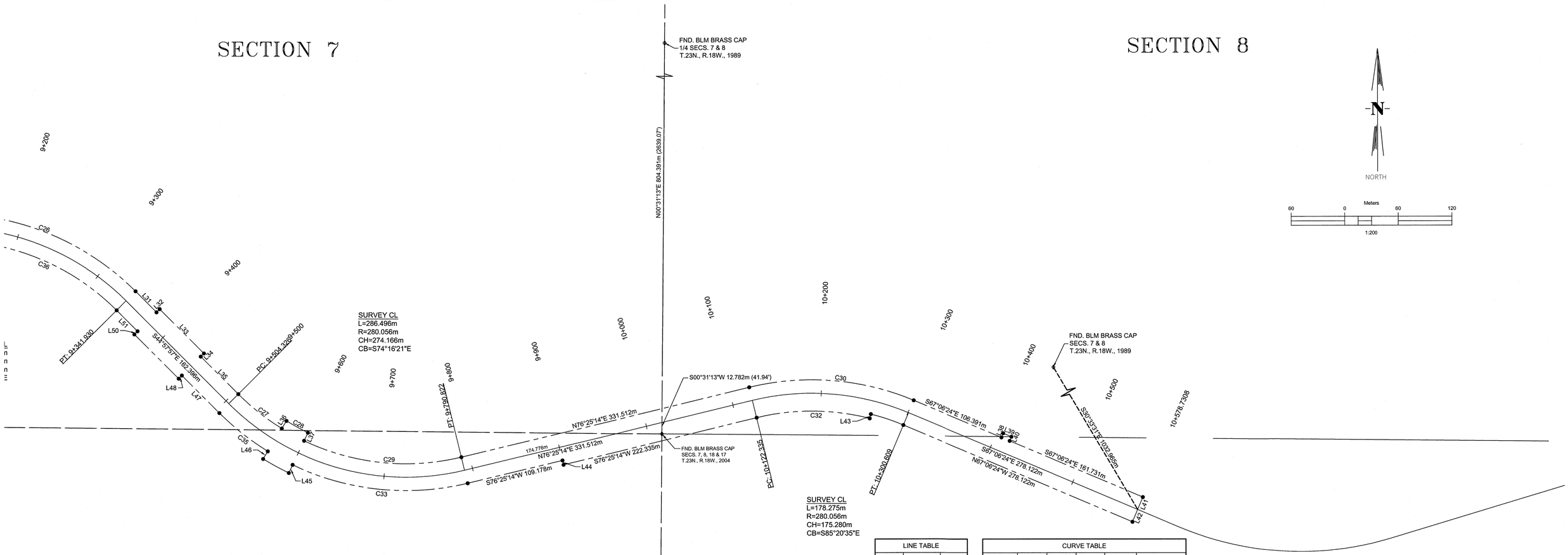
SCALE: 1:200

SECTION 7

SECTION 8

SECTION 18

SECTION 17



LINE TABLE		
LINE NO.	BEARING	LENGTH
L41	S22°53'36"W	15.000m
L42	S22°53'36"W	15.000m
L43	N14°35'07"E	5.000m
L44	S13°34'46"E	5.000m
L45	N25°27'37"E	10.000m
L46	S31°35'53"W	10.000m
L47	N44°57'57"W	59.326m
L48	S45°02'03"W	5.000m
L49	N44°57'57"W	70.000m
L50	N45°02'03"E	5.000m
L51	N44°57'57"W	33.070m

CURVE TABLE					
CURVE NO.	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C31	38.434m	265.056m	8°18'29"	38.4005m	N71°15'39"W
C32	127.834m	260.056m	28°09'52"	126.5510m	N89°29'49"W
C33	201.043m	295.056m	39°02'23"	197.1763m	N84°03'34"W
C34	32.678m	305.056m	6°08'15"	32.6624m	N61°28'15"W
C35	69.192m	295.056m	13°26'10"	69.0332m	N51°41'02"W
C36	182.391m	265.057m	39°25'35"	178.8138m	N64°40'45"W

LEGEND:

◆ = FOUND SECTION CORNER (AS NOTED)

● = SET RIGHT OF WAY MARKER

SURVEYOR'S CERTIFICATE:

I, BENJAMIN M. ARAGON, NEW MEXICO PROFESSIONAL SURVEYOR No. 15268, DO HEREBY CERTIFY THAT THIS SURVEY WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

BENJAMIN M. ARAGON N.M.P.S. 15268

BENJAMIN M. ARAGON NEW MEXICO 15268 PROFESSIONAL SURVEYOR 3-20-24

3-20-24
DATE

DRAWN _____ DATE CHECKED _____ DATE

DESIGNED _____ DATE _____ PROJECT ENGINEER

APPROVED _____ DATE _____ PROJECT MANAGER

NAVAJO ROUTE 5001

TOADLENA TO GREY HILLS

WILSON & COMPANY
4401 Masthead Street NE, Suite 150
Albuquerque, New Mexico 87109
PH (505) 348-4000
FAX (505) 348-4055
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TOADLENA, NAVAJO INDIAN RESERVATION ROUTE N5001

SECTIONS 8, 9, 10, 11, 12, 13, 14,15,16 & 17 T.23N., R19W., N.M.P.M. & SECTIONS 7,8,17 & 18 T.23N., R.18W., N.M.P.M.

McKINLEY COUNTY, NEW MEXICO

NO.	REVISIONS	BY	DATE
1	REVISED START OF R/W TO STA 0+039.000 (ADDED 2-TCE's TO SHEET 5 OF 7)	amt	3/2024

PROJECT NO. 17-100-090-14

SHEET NO. 6 of 7

FILE NAME: 17190-14_ROW.dwg

SCALE: 1:200

A STRIP OF LAND OF VARIYING WIDTH SITUATED WITHIN SECTIONS 8, 9, 10, 11, 12, 13, 14, 15, 16 & 17, TOWNSHIP 23 NORTH , RANGE 19 WEST & SECTIONS 7, 8, 17 & 18, TOWNSHIP 23 NORTH , RANGE 18 WEST NEW MEXICO PRINCIPAL MERIDIAN, MCKINLEY COUNTY, STATE OF NEW MEXICO; MORE PARTICULARLY AS FOLLOWS:

BEGINNING AT A POINT ON THE CENTERLINE OF N5001, STATION 0+039.000 WHENCE THE QUARTER CORNER COMMON TO SECTIONS 7 & 8, TOWNSHIP 23 NORTH, RANGE 19 WEST BEARS N 80°01'09" W, A DISTANCE OF 692.388 METERS, THENCE

FROM SAID POINT OF BEGINNING, N 58° 45' 58" E FOR A DISTANCE OF 15.000 METERS TO A POINT ON A LINE.

THENCE, S 31° 14' 02.3" E FOR A DISTANCE OF 110.200 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 108.058 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 48° 29' 43", HAVING A RADIUS OF 127.668 METERS, AND WHOSE LONG CHORD BEARS S 06° 59' 11" E FOR A DISTANCE OF 104.862 METERS.

THENCE, S 17° 15' 40" W FOR A DISTANCE OF 43.592 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 306.040 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 18° 21' 21", HAVING A RADIUS OF 955.267 METERS, AND WHOSE LONG CHORD BEARS S 08° 05' 00" W FOR A DISTANCE OF 304.733 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, S 88° 54' 19" W FOR A DISTANCE OF 3.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SOUTHEASTERLY, 15.616 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 00° 56' 01", HAVING A RADIUS OF 958.267 METERS, AND WHOSE LONG CHORD BEARS S 01° 33' 42" E FOR A DISTANCE OF 15.616 METERS.

THENCE, S 02° 01' 42" E FOR A DISTANCE OF 11.973 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 35.645 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 29° 10' 34", HAVING A RADIUS OF 70.000 METERS, AND WHOSE LONG CHORD BEARS S 16° 36' 59" E FOR A DISTANCE OF 35.262 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 58° 22' 31" E FOR A DISTANCE OF 8.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SOUTHEASTERLY, 64.474 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 59° 34' 57", HAVING A RADIUS OF 62.000 METERS, AND WHOSE LONG CHORD BEARS S 60° 56' 29' E FOR A DISTANCE OF 61.608 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, S 00° 43' 58" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, N 89° 16' 02" E FOR A DISTANCE OF 154.870 MEING OF A CURVE,

NORTHEASTERLY, 120.322 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 12° 09' 10", HAVING A RADIUS OF 567.280 METERS, AND WHOSE LONG CHORD BEARS N 83° 11' 28" E FOR A DISTANCE OF 120.097 METERS.

THENCE, N 77° 06' 53" E FOR A DISTANCE OF 231.720 METERS TO THE BEGINNING OF A CURVE,

NORTHEEASTERLY, 160.407 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 23° 12' 26", HAVING A RADIUS OF 396.023 METERS, AND WHOSE LONG CHORD BEARS N 65° 30' 40" E FOR A DISTANCE OF 159.313 METERS.

THENCE, N 53° 54' 26" E FOR A DISTANCE OF 173.174 METERS TO A POINT ON A LINE.

THENCE, N 36° 05' 34" W FOR A DISTANCE OF 5.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHEASTERLY, 193.534 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 67° 12' 14", HAVING A RADIUS OF 165.000 METERS, AND WHOSE LONG CHORD BEARS N 87° 30' 34" E FOR A DISTANCE OF 182.629 METERS.

THENCE, S 58° 53' 19" E FOR A DISTANCE OF 180.453 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 187.069 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 69° 09' 00", HAVING A RADIUS OF 155.000 METERS, AND WHOSE LONG CHORD BEARS N 86° 32' 11" E FOR A DISTANCE OF 175.920 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, S 38° 02' 19" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, N 51° 57' 41" E FOR A DISTANCE OF 3.685 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 169.715 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 36° 25' 09", HAVING A RADIUS OF 267.000 METERS, AND WHOSE LONG CHORD BEARS N 70° 10' 15" E FOR A DISTANCE OF 166.872 METERS.

THENCE, N 88° 22' 50" E FOR A DISTANCE OF 197.415 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 108.319 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 21° 01' 59", HAVING A RADIUS OF 295.070 METERS, AND WHOSE LONG CHORD BEARS S 81° 06' 10" E FOR A DISTANCE OF 107.712 METERS.

THENCE, S 70° 35' 11" E FOR A DISTANCE OF 743.436 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 177.225 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 02° 55' 11", HAVING A RADIUS OF 3477.760 METERS, AND WHOSE LONG CHORD BEARS S 72° 02' 46" E FOR A DISTANCE OF 177.206 METERS.

THENCE, S 73° 30' 22" E FOR A DISTANCE OF 638.261 METERS TO A POINT ON A LINE.

THENCE, N 16° 29' 38" E FOR A DISTANCE OF 2.000 METERS TO A POINT ON A LINE.

THENCE, S 73° 30' 22" E FOR A DISTANCE OF 250.000 METERS TO A POINT ON A LINE.

THENCE, S 16° 29' 38" W FOR A DISTANCE OF 2.000 METERS TO A POINT ON A LINE.

THENCE, S 73° 30' 22" E FOR A DISTANCE OF 521.471 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 229.495 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 20° 42' 08", HAVING A RADIUS OF 635.151 METERS, AND WHOSE LONG CHORD BEARS S 83° 51' 26" E FOR A DISTANCE OF 228.249 METERS.

THENCE, N 85° 47' 30" E FOR A DISTANCE OF 458.415 METERS TO A POINT ON A LINE.

THENCE, N 04° 12' 30" W FOR A DISTANCE OF 15.000 METERS TO A POINT ON A LINE.

THENCE, N 85° 47' 30" E FOR A DISTANCE OF 70.000 METERS TO A POINT ON A LINE.

THENCE, S 04° 12' 30" E FOR A DISTANCE OF 15.000 METERS TO A POINT ON A LINE.

THENCE, N 85° 47' 30" E FOR A DISTANCE OF 135.088 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 128.473 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 15° 12' 35", HAVING A RADIUS OF 483.965 METERS, AND WHOSE LONG CHORD BEARS N 78° 11' 12" E FOR A DISTANCE OF 128.096 METERS.

THENCE, N 70° 34' 55" E FOR A DISTANCE OF 309.395 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 81.790 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 13° 28' 48", HAVING A RADIUS OF 347.643 METERS, AND WHOSE LONG CHORD BEARS N 77° 19' 19" E FOR A DISTANCE OF 81.602 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 05° 56' 17" W FOR A DISTANCE OF 5.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHEASTERLY, 10.601 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 01° 43' 21", HAVING A RADIUS OF 352.643 METERS, AND WHOSE LONG CHORD BEARS N 84° 55' 23" E FOR A DISTANCE OF 10.601 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, S 04° 12' 56" E FOR A DISTANCE OF 5.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHEASTERLY, 21.894 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 03° 36' 30", HAVING A RADIUS OF 347.643 METERS, AND WHOSE LONG CHORD BEARS N 87° 35' 19" E FOR A DISTANCE OF 21.890 METERS.

THENCE, N 89° 23' 34" E FOR A DISTANCE OF 199.051 METERS TO A POINT ON A LINE.

THENCE, N 00° 36' 26" W FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, N 89° 23' 34" E FOR A DISTANCE OF 10.000 METERS TO A POINT ON A LINE.

THENCE, S 00° 36' 26" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, N 89° 23' 34" E FOR A DISTANCE OF 126.798 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 93.840 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 18° 13' 20", HAVING A RADIUS OF 295.061 METERS, AND WHOSE LONG CHORD BEARS S 81° 29' 46" E FOR A DISTANCE OF 93.445 METERS.

THENCE, S 72° 23' 06" E FOR A DISTANCE OF 158.735 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 149.914 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 32° 24' 20", HAVING A RADIUS OF 265.061 METERS, AND WHOSE LONG CHORD BEARS S 88° 35' 16" E FOR A DISTANCE OF 147.924 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 14° 47' 27" W FOR A DISTANCE OF 25.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHEASTERLY, 19.289 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 04° 36' 14", HAVING A RADIUS OF 240.061 METERS, AND WHOSE LONG CHORD BEARS N 72° 54' 27" E FOR A DISTANCE OF 19.284 METERS.

THENCE, N 70° 36' 20" E FOR A DISTANCE OF 64.497 METERS TO A POINT ON A LINE.

THENCE, S 19° 23' 40" E FOR A DISTANCE OF 25.000 METERS TO A POINT ON A LINE.

THENCE, N 70° 36' 20" E FOR A DISTANCE OF 441.136 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 106.411 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 20° 40' 03", HAVING A RADIUS OF 295.000 METERS, AND WHOSE LONG CHORD BEARS N 80° 56' 21" E FOR A DISTANCE OF 105.835 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 01° 16' 23" E FOR A DISTANCE OF 24.000 METERS TO A POINT ON A LINE.

THENCE, S 88° 43' 37" E FOR A DISTANCE OF 132.548 METERS TO A POINT ON A LINE.

THENCE, S 01° 16' 23" W FOR A DISTANCE OF 24.000 METERS TO A POINT ON A LINE.

THENCE, S 88° 43' 37" E FOR A DISTANCE OF 40.000 METERS TO A POINT ON A LINE.

THENCE, S 01° 16' 23" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 88° 43' 37" E FOR A DISTANCE OF 91.508 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 47.810 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 10° 20' 13", HAVING A RADIUS OF 265.000 METERS, AND WHOSE LONG CHORD BEARS N 86° 06' 16" E FOR A DISTANCE OF 47.745 METERS.

THENCE, N 80° 56' 10" E FOR A DISTANCE OF 395.011 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 76.454 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 16° 31' 49", HAVING A RADIUS OF 265.000 METERS, AND WHOSE LONG CHORD BEARS N 72° 40' 15" E FOR A DISTANCE OF 76.190 METERS.

THENCE, N 64° 24' 21" E FOR A DISTANCE OF 344.609 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 124.997 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 24° 16' 38", HAVING A RADIUS OF 295.000 METERS, AND WHOSE LONG CHORD BEARS N 76° 32' 40" E FOR A DISTANCE OF 124.064 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 01° 19' 01" W FOR A DISTANCE OF 10.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SOUTHEASTERLY, 36.862 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 06° 55' 29", HAVING A RADIUS OF 305.000 METERS, AND WHOSE LONG CHORD BEARS S 87° 51' 17" E FOR A DISTANCE OF 36.840 METERS.

THENCE, S 84° 23' 32" E FOR A DISTANCE OF 6.159 METERS TO A POINT ON A LINE.

THENCE, S 05° 36' 28" W FOR A DISTANCE OF 10.000 METERS TO A POINT ON A LINE.

THENCE, S 84° 23' 32" E FOR A DISTANCE OF 99.217 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 203.035 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 39° 25' 35", HAVING A RADIUS OF 295.057 METERS, AND WHOSE LONG CHORD BEARS S 64° 40' 45" E FOR A DISTANCE OF 199.053 METERS.

THENCE, S 44° 57' 57" E FOR A DISTANCE OF 33.070 METERS TO A POINT ON A LINE.

THENCE, N 45° 02' 03" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 44° 57' 57" E FOR A DISTANCE OF 70.000 METERS TO A POINT ON A LINE.

THENCE, S 45° 02' 03" W FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 44° 57' 57" E FOR A DISTANCE OF 59.326 METERS TO THE BEGINNING OF A CURVE,

SOUTHASTERLY, 62.157 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 13° 26' 10", HAVING A RADIUS OF 265.056 METERS, AND WHOSE LONG CHORD BEARS S 51° 41' 02" E FOR A DISTANCE OF 62.014 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 31° 35' 53" E FOR A DISTANCE OF 10.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SOUTHEASTERLY, 27.322 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 06° 08' 15", HAVING A RADIUS OF 255.056 METERS, AND WHOSE LONG CHORD BEARS S 61° 28' 15" E FOR A DISTANCE OF 27.309 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, S 25° 27' 37" W FOR A DISTANCE OF 10.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SOUTHEASTERLY, 180.602 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 39° 02' 23", HAVING A RADIUS OF 265.056 METERS, AND WHOSE LONG CHORD BEARS S 84° 03' 34" E FOR A DISTANCE OF 177.128 METERS.

THENCE, N 76° 25' 14" E FOR A DISTANCE OF 331.512 METERS TO THE BEGINNING OF A CURVE,

SOUTHEASTERLY, 187.823 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 36° 28' 22", HAVING A RADIUS OF 295.056 METERS, AND WHOSE LONG CHORD BEARS S 85° 20' 35" E FOR A DISTANCE OF 184.668 METERS.

THENCE, S 67° 06' 24" E FOR A DISTANCE OF 106.391 METERS TO A POINT ON A LINE.

THENCE, N 22° 53' 36" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 67° 06' 24" E FOR A DISTANCE OF 10.000 METERS TO A POINT ON A LINE.

THENCE, S 22° 53' 36" W FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 67° 06' 24" E FOR A DISTANCE OF 161.731 METERS TO A POINT ON A LINE.

THENCE, S 22° 53' 36" W FOR A DISTANCE OF 15.000 METERS TO A POINT ON A LINE; WHENCE, A FOUND BUREAU OF LAND MANAGEMENT BRASS CAP 1/4 CORNER FOR SECTIONS 7 & 8, T.23.N., R.18N., 1989.

THENCE, S 22° 53' 36" W FOR A DISTANCE OF 15.000 METERS TO A POINT ON A LINE.

THENCE, N 67° 06' 24" W FOR A DISTANCE OF 278.122 METERS TO THE BEGINNING OF A CURVE,

NORTHWESTERLY, 38.434 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 08° 18' 29", HAVING A RADIUS OF 265.0560 METERS, AND WHOSE LONG CHORD BEARS N 71° 15' 39" W FOR A DISTANCE OF 38.401 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, S 14° 35' 07" W FOR A DISTANCE OF 5.0000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHWESTERLY, 127.834 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 28° 09' 52", HAVING A RADIUS OF 260.056 METERS, AND WHOSE LONG CHORD BEARS N 89° 29' 49" W FOR A DISTANCE OF 126.551 METERS.

THENCE, S 76° 25' 14" W FOR A DISTANCE OF 222.335 METERS TO A POINT ON A LINE.

THENCE, N 13° 34' 46" W FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 76° 25' 14" W FOR A DISTANCE OF 109.178 METERS TO THE BEGINNING OF A CURVE,

NORTHWESTERLY, 201.043 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 39° 02' 23", HAVING A RADIUS OF 295.056 METERS, AND WHOSE LONG CHORD BEARS N 84° 03' 34" W FOR A DISTANCE OF 197.176 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, S 25° 27' 37" W FOR A DISTANCE OF 10.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHWESTERLY, 32.678 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 06° 08' 15", HAVING A RADIUS OF 305.056 METERS, AND WHOSE LONG CHORD BEARS N 61° 28' 15" W FOR A DISTANCE OF 32.662 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 31° 35' 53" E FOR A DISTANCE OF 10.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHWESTERLY, 69.192 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 13° 26' 10", HAVING A RADIUS OF 295.056 METERS, AND WHOSE LONG CHORD BEARS N 51° 41' 02" W FOR A DISTANCE OF 69.033 METERS.

THENCE, N 44° 57' 57" W FOR A DISTANCE OF 59.326 METERS TO A POINT ON A LINE.

THENCE, S 45° 02' 03" W FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, N 44° 57' 57" W FOR A DISTANCE OF 70.000 METERS TO A POINT ON A LINE.

THENCE, N 45° 02' 03" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, N 44° 57' 57" W FOR A DISTANCE OF 33.070 METERS TO THE BEGINNING OF A CURVE,

NORTHWESTERLY, 182.391 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 39° 25' 35", HAVING A RADIUS OF 265.057 METERS, AND WHOSE LONG CHORD BEARS N 64° 40' 45" W FOR A DISTANCE OF 178.814 METERS.

THENCE, N 84° 23' 32" W FOR A DISTANCE OF 99.217 METERS TO A POINT ON A LINE.

THENCE, S 05° 36' 28" W FOR A DISTANCE OF 10.000 METERS TO A POINT ON A LINE.

THENCE, N 84° 23' 32" W FOR A DISTANCE OF 6.159 METERS TO THE BEGINNING OF A CURVE,

NORTHWESTERLY, 30.819 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 06° 55' 29", HAVING A RADIUS OF 255.000 METERS, AND WHOSE LONG CHORD BEARS N 87° 51' 17" W FOR A DISTANCE OF 30.800 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 01° 19' 01" W FOR A DISTANCE OF 10.0000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SOUTHWESTERLY, 112.285 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 24° 16' 38", HAVING A RADIUS OF 265.000 METERS, AND WHOSE LONG CHORD BEARS S 76° 32' 40" W FOR A DISTANCE OF 111.447 METERS.

THENCE, S 64° 24' 21" W FOR A DISTANCE OF 344.609 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 85.110 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 16° 31' 49", HAVING A RADIUS OF 295.000 METERS, AND WHOSE LONG CHORD BEARS S 72° 40' 15" W FOR A DISTANCE OF 84.815 METERS.

THENCE, S 80° 56' 10" W FOR A DISTANCE OF 395.011 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 53.222 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 10° 20' 13", HAVING A RADIUS OF 295.000 METERS, AND WHOSE LONG CHORD BEARS S 86° 06' 16" W FOR A DISTANCE OF 53.150 METERS.

THENCE, N 88° 43' 38" W FOR A DISTANCE OF 41.711 METERS TO A POINT ON A LINE.

THENCE, S 01° 16' 23" W FOR A DISTANCE OF 18.000 METERS TO A POINT ON A LINE.

THENCE, N 88° 43' 38" W FOR A DISTANCE OF 160.000 METERS TO A POINT ON A LINE.

THENCE, N 01° 16' 23" E FOR A DISTANCE OF 10.140 METERS TO A POINT ON A LINE.

THENCE, N 88° 43' 38" W FOR A DISTANCE OF 76.595 METERS TO A POINT ON A LINE.

THENCE, N 01° 16' 23" E FOR A DISTANCE OF 7.860 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SOUTHWESTERLY, 95.590 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 20° 40' 03", HAVING A RADIUS OF 265.000 METERS, AND WHOSE LONG CHORD BEARS S 80° 56' 21" W FOR A DISTANCE OF 95.072 METERS.

THENCE, S 70° 36' 20" W FOR A DISTANCE OF 326.136 METERS TO A POINT ON A LINE.

THENCE, S 19° 23' 40" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 70° 36' 20" W FOR A DISTANCE OF 10.000 METERS TO A POINT ON A LINE.

THENCE, N 19° 23' 40" W FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 70° 36' 20" W FOR A DISTANCE OF 105.000 METERS TO A POINT ON A LINE.

THENCE, S 19° 23' 40" E FOR A DISTANCE OF 20.000 METERS TO A POINT ON A LINE.

THENCE, S 70° 36' 20" W FOR A DISTANCE OF 64.497 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 25.316 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 04° 36' 14", HAVING A RADIUS OF 315.061 METERS, AND WHOSE LONG CHORD BEARS S 72° 54' 27" W FOR A DISTANCE OF 25.309 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 14° 47' 27" W FOR A DISTANCE OF 20.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHWESTERLY, 166.882 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 32° 24' 20", HAVING A RADIUS OF 295.061 METERS, AND WHOSE LONG CHORD BEARS N 88° 35' 16" W FOR A DISTANCE OF 164.666 METERS.

THENCE, N 72° 23' 06" W FOR A DISTANCE OF 158.735 METERS TO THE BEGINNING OF A CURVE,

NORTHWESTERLY, 84.299 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 18° 13' 20", HAVING A RADIUS OF 265.061 METERS, AND WHOSE LONG CHORD BEARS N 81° 29' 46" W FOR A DISTANCE OF 83.944 METERS.

THENCE, S 89° 23' 34" W FOR A DISTANCE OF 86.798 METERS TO A POINT ON A LINE.

THENCE, S 00° 36' 26" E FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 89° 23' 34" W FOR A DISTANCE OF 249.051 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 102.644 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 18° 48' 39", HAVING A RADIUS OF 312.643 METERS, AND WHOSE LONG CHORD BEARS S 79° 59' 14" W FOR A DISTANCE OF 102.184 METERS.

THENCE, S 70° 34' 55" W FOR A DISTANCE OF 309.395 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 96.045 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 10° 36' 13", HAVING A RADIUS OF 518.965 METERS, AND WHOSE LONG CHORD BEARS S 75° 53' 01" W FOR A DISTANCE OF 95.908 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 08° 48' 52" W FOR A DISTANCE OF 5.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

SOUTHWESTERLY, 41.317 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 04° 36' 21", HAVING A RADIUS OF 513.965 METERS, AND WHOSE LONG CHORD BEARS S 83° 29' 19" W FOR A DISTANCE OF 41.306 METERS.

THENCE, S 85° 47' 30" W FOR A DISTANCE OF 195.088 METERS TO A POINT ON A LINE.

THENCE, S 04° 12' 30" E FOR A DISTANCE OF 15.000 METERS TO A POINT ON A LINE.

THENCE, S 85° 47' 30" W FOR A DISTANCE OF 468.415 METERS TO A POINT ON A LINE.

THENCE, N 04° 12' 30" W FOR A DISTANCE OF 15.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHWESTERLY, 240.335 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 20° 42' 08", HAVING A RADIUS OF 665.151 METERS, AND WHOSE LONG CHORD BEARS N 83° 51' 26" W FOR A DISTANCE OF 239.030 METERS.

THENCE, N 73° 30' 22" W FOR A DISTANCE OF 1409.732 METERS TO THE BEGINNING OF A CURVE,

NORTHWESTERLY, 178.753 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 02° 55' 11", HAVING A RADIUS OF 3507.760 METERS, AND WHOSE LONG CHORD BEARS N 72° 02' 46" W FOR A DISTANCE OF 178.734 METERS.

THENCE, N 70° 35' 11" W FOR A DISTANCE OF 743.436 METERS TO THE BEGINNING OF A CURVE,

NORTHWESTERLY, 97.306 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 21° 01' 59", HAVING A RADIUS OF 265.070 METERS, AND WHOSE LONG CHORD BEARS N 81° 06' 10" W FOR A DISTANCE OF 96.761 METERS.

THENCE, S 88° 22' 50" W FOR A DISTANCE OF 197.415 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 150.646 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 36° 25' 09", HAVING A RADIUS OF 237.000 METERS, AND WHOSE LONG CHORD BEARS S 70° 10' 15" W FOR A DISTANCE OF 148.122 METERS.

THENCE, S 51° 57' 41" W FOR A DISTANCE OF 3.685 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 229.310 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 69° 09' 00", HAVING A RADIUS OF 190.000 METERS, AND WHOSE LONG CHORD BEARS S 86° 32' 11" W FOR A DISTANCE OF 215.644 METERS.

THENCE, N 58° 53' 19" W FOR A DISTANCE OF 85.015 METERS TO A POINT ON A LINE.

THENCE, S 31° 06' 41" W FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, N 58° 53' 19" W FOR A DISTANCE OF 95.438 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 146.616 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 67° 12' 14", HAVING A RADIUS OF 125.000 METERS, AND WHOSE LONG CHORD BEARS S 87° 30' 34" W FOR A DISTANCE OF 138.355 METERS.

THENCE, S 53° 54' 26" W FOR A DISTANCE OF 173.174 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 174.584 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 23° 12' 26", HAVING A RADIUS OF 431.023 METERS, AND WHOSE LONG CHORD BEARS S 65° 30' 40" W FOR A DISTANCE OF 173.393 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 12° 53' 07" W FOR A DISTANCE OF 5.000 METERS TO A POINT ON A LINE.

THENCE, S 77° 06' 53" W FOR A DISTANCE OF 231.720 METERS TO THE BEGINNING OF A CURVE,

SOUTHWESTERLY, 126.685 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 12° 09' 10", HAVING A RADIUS OF 597.280 METERS, AND WHOSE LONG CHORD BEARS S 83° 11' 28" W FOR A DISTANCE OF 126.448 METERS.

THENCE, S 89° 16' 02" W FOR A DISTANCE OF 154.870 METERS TO THE BEGINNING OF A CURVE,

NORTHWESTERLY, 128.627 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 75° 58' 38", HAVING A RADIUS OF 97.000 METERS, AND WHOSE LONG CHORD BEARS N 52° 44' 39" W FOR A DISTANCE OF 119.408 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 75° 14' 40" E FOR A DISTANCE OF 5.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHWESTERLY, 20.436 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 12° 43' 38", HAVING A RADIUS OF 92.000 METERS, AND WHOSE LONG CHORD BEARS N 08° 23' 31" W FOR A DISTANCE OF 20.394 METERS.

THENCE, N 02° 01' 42" W FOR A DISTANCE OF 11.973 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY, 75.482 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 04° 24' 43", HAVING A RADIUS OF 980.2666 METERS, AND WHOSE LONG CHORD BEARS N 00° 10' 39" E FOR A DISTANCE OF 75.463 METERS TO A POINT OF INTERSECTION WITH A NON-TANGENTIAL LINE.

THENCE, N 87° 37' 00" W FOR A DISTANCE OF 5.000 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHEASTERLY, 255.840 METERS ALONG A CURVE TO THE RIGHT THROUGH AN ANGLE OF 14° 52' 40", HAVING A RADIUS OF 985.267 METERS, AND WHOSE LONG CHORD BEARS N 09° 49' 20" E FOR A DISTANCE OF 255.122 METERS.

THENCE, N 17° 15' 40" E FOR A DISTANCE OF 9.155 METERS TO AN ANGLE POINT,

THENCE, S 72° 44' 20" E FOR A DISTANCE OF 6.700 METERS TO AN ANGLE POINT,

THENCE, N 17° 15' 40" E FOR A DISTANCE OF 34.438 METERS TO THE BEGINNING OF A CURVE,

NORTHEASTERLY,14.416 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 07° 54' 51", HAVING A RADIUS OF 104.37 METERS, AND WHOSE LONG CHORD BEARS N 13° 18' 15" E FOR A DISTANCE OF 14.405 METERS TO AN ANGLE POINT,

THENCE, N 80° 39' 10" W FOR A DISTANCE OF 6.700 METERS TO THE BEGINNING OF A NON-TANGENTIAL CURVE,

NORTHWESTERLY,69.176 METERS ALONG A CURVE TO THE LEFT THROUGH AN ANGLE OF 40° 34' 52", HAVING A RADIUS OF 97.668 METERS, AND WHOSE LONG CHORD BEARS N 10° 56' 36" W FOR A DISTANCE OF 67.739 METERS TO AN ANGLE POINT,

THENCE, N 31° 14' 02" W FOR A DISTANCE OF 71.200 METERS TO A POINT ON A LINE.

THENCE N 58° 45' 58" E A DISTANCE OF 15.000 METERS TO THE POINT OF BEGINNING; SAID PARCEL CONTAINS 35.862 HECTARES (3,860,154 SQ FT)

SECTION	T.	R.	HECTARES	SQ. FT.	LINEAR METERS	MILES	KILOMETERS
8	23N	19W	5.00	540290.83	1584.36	0.8899	1.504
9	23N	19W	5.461	587815.47	1705.597	1.0598	7.706
10	23N	19W	0.760	81782.11	253.261	0.1574	0.253
15	23N	19W	4.310	463908.31	1419.956	0.8823	1.420
14	23N	19W	6.105	657132.07	1636.116	1.0166	1.636
13	23N	19W	7.021	755,745.85	1656.096	1.0291	1.656
18	23N	18W	1.430	153975.54	424.149	0.2636	0.424
7	23N	18W	4.008	431311.68	1299.43	0.8074	1.299
8	23N	18W	1.159	124804.69	424.149	0.2636	0.424
17	23N	18W	0.647	69613.94	210.541	0.1308	0.211
TOTAL			35.901	3866380.49	10613.655	6.5005	16.533

TEMPORARY CONSTRUCTION EASEMENTS

PARCEL NUMBER	AREA SQ. FT.	AREA HECTARE
5-TCE-01	895	0.0083
5-TCE-02	9120	0.0847

SURVEYOR'S CERTIFICATE:

I, BENJAMIN M. ARAGON, NEW MEXICO PROFESSIONAL SURVEYOR No. 15268, DO HEREBY CERTIFY THAT THIS SURVEY WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

BENJAMIN M. ARAGON N.M.P.S. 15268 — BENJAMIN M. ARAGON, NEW MEXICO, 15268, PROFESSIONAL SURVEYOR — 3-20-24 DATE

DRAWN ____ DATE CHECKED ____ DATE
DESIGNED ____ DATE PROJECT ENGINEER
APPROVED ____ DATE PROJECT MANAGER

NAVAJO ROUTE 5001

TOADLENA TO GREY HILLS

WILSON & COMPANY
4401 Masthead Street NE, Suite 150
Albuquerque, New Mexico 87109
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TOADLENA, NAVAJO INDIAN RESERVATION ROUTE N5001

SECTIONS 8, 9, 10, 11, 12, 13, 14,15,16 & 17 T.23N., R19W., N.M.P.M. & SECTIONS 7,8,17 & 18 T.23N., R.18W., N.M.P.M.
McKINLEY COUNTY, NEW MEXICO

NO.	REVISIONS	BY	DATE
1	REVISED START OF R/W TO STA 0+039.000 (ADDED 2-TCE's TO SHEET 5 OF 7)	amt	3/2024

PROJECT NO. 17-100-090-14
SHEET NO. 7 of 7
FILE NAME: 17190-14_ROW.dwg SCALE: 1:200