

LEGAL DESCRIPTION

LEGAL DESCRIPTION

A 30-FOOT-WIDE UTILITY EASEMENT 15 FEET ON EITHER SIDE PURPOSE OF WATER DISTRIBUTION, LYING WITHIN PROTRACTED TOWNSHIP 40 NORTH, RANGE 9 EAST, SECTIONS 2, 3, 10, 15, 16, 17, 20, AND 21, AND LOCATED WITHIN TOWNSHIP 41 NORTH, RANGE 9 EAST, SECTIONS 34, AND 35, GILA AND SALT RIVER MERIDIAN, NAVAJO INDIAN RESERVATION, COCONINO COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT CADASTRAL SURVEY 3" BRASS CAP SURVEY MONUMENT MARKING THE NORTHEAST CORNER OF SECTION 20 T40N R09E FROM WHICH A FOUND U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT CADASTRAL SURVEY 3" BRASS CAP SURVEY MONUMENT MARKING THE NORTH QUARTER CORNER OF SAID SECTION 20 T40N R09E, BEARS SOUTH 89°43'09" WEST (BASIS OF BEARING), A DISTANCE OF 2639.15 FEET:

THENCE SOUTH 17°53'40" EAST, A DISTANCE OF 1616.58 TO THE POINT OF BEGINNING (P.O.B.) OF THE 30 FOOT WATER UTILITY EASEMENT 15 FEET ON EITHER SIDE;

THENCE SOUTH 85°42'29" WEST, A DISTANCE OF 368.84 FEET;

THENCE NORTH 71°47'31" WEST, A DISTANCE OF 268.97 FEET;

THENCE NORTH 60°32'31" WEST, A DISTANCE OF 1.25 FEET;

THENCE NORTH 15°32'31" WEST, A DISTANCE OF 294.47 FEET;

THENCE NORTH 06°57'29" EAST, A DISTANCE OF 1.63 FEET;

THENCE NORTH 83°02'31" WEST, A DISTANCE OF 186.20 FEET;

THENCE NORTH 06°57'29" EAST, A DISTANCE OF 878.82 FEET;

THENCE NORTH 04°17'31" WEST, A DISTANCE OF 596.99 FEET;

THENCE NORTH 49°17'31" WEST, A DISTANCE OF 25.50 FEET;

THENCE NORTH 04°17'31" WEST, A DISTANCE OF 697.86 FEET;

THENCE NORTH 06°57'29" EAST, A DISTANCE OF 680.91 FEET;

THENCE NORTH 18°12'29" EAST, A DISTANCE OF 489.95 FEET;

THENCE SOUTH 71°47'31" EAST, A DISTANCE OF 165.26 FEET;

THENCE SOUTH 83°02'31" EAST, A DISTANCE OF 457.51 FEET;

THENCE NORTH 74°27'29" EAST, A DISTANCE OF 1317.68 FEET;

THENCE NORTH 51°57'29" EAST, A DISTANCE OF 1005.71 FEET;

THENCE NORTH 74°27'29" EAST, A DISTANCE OF 450.30 FEET;

THENCE NORTH 63°12'29" EAST, A DISTANCE OF 1804.93 FEET;

THENCE NORTH 40°42'30" EAST, A DISTANCE OF 1493.55 FEET;

THENCE NORTH 29°27'29" EAST, A DISTANCE OF 1000.11 FEET;

THENCE NORTH 06°57'29" EAST, A DISTANCE OF 1986.97 FEET;

THENCE NORTH 18°12'29" EAST, A DISTANCE OF 2004.74 FEET;

THENCE NORTH 29°27'29" EAST, A DISTANCE OF 1028.60 FEET;

THENCE NORTH 74°27'29" EAST, A DISTANCE OF 4242.63 FEET;

THENCE NORTH 15°32'31" WEST, A DISTANCE OF 140.93 FEET;

THENCE NORTH 38°02'31" WEST, A DISTANCE OF 942.32 FEET TO THE SOUTH PERIMETER LINE OF THE BOOSTER PUMP STATION BUILDING EASEMENT;

THENCE ALONG THE PERIMETER OF THE BOOSTER STATION NORTH 51°57'06" EAST, A DISTANCE OF 67.52 FEET;

THENCE NORTH 38°02'54" WEST, A DISTANCE OF 200.00 FEET;

THENCE SOUTH 51°57'06" WEST, A DISTANCE OF 71.07 FEET TO A POINT KNOWN AS POINT "A";

LEGAL DESCRIPTION - CONTINUED

THENCE SOUTH 51°57'06" WEST, A DISTANCE OF 190.93 FEET;

THENCE SOUTH 38°02'54" EAST, A DISTANCE OF 200.00 FEET;

THENCE NORTH 51°57'06" EAST, A DISTANCE OF 194.48 FEET;

THE ABOVE DESCRIBED BOOSTER STATION OF THE UTILITY EASEMENT CONTAINS APPROXIMATELY 52,400 SQUARE FEET OR 1.20 ACRES MORE OR LESS.

COMMENCING FROM POINT "A", ALONG A 30-FOOT-WIDE UTILITY EASEMENT 15 FEET ON EITHER SIDE, NORTH 38°02'33" WEST, A DISTANCE OF 467.23 FEET;

THENCE NORTH 06°57'29" EAST, A DISTANCE OF 697.71 FEET;

THENCE NORTH 51°57'29" EAST, A DISTANCE OF 161.36 FEET;

THENCE NORTH 06°57'29" EAST, A DISTANCE OF 361.44 FEET;

THENCE NORTH 15°32'31" WEST, A DISTANCE OF 391.44 FEET;

THENCE NORTH 26°47'31" WEST, A DISTANCE OF 1250.30 FEET;

THENCE SOUTH 86°00'29" WEST, A DISTANCE OF 117.94 FEET;

THENCE NORTH 15°32'31" WEST, A DISTANCE OF 670.27 FEET;

THENCE NORTH 29°27'29" EAST, A DISTANCE OF 112.14 FEET;

THENCE NORTH 15°32'31" WEST, A DISTANCE OF 219.13 FEET;

THENCE NORTH 04°17'31" WEST, A DISTANCE OF 1038.67 FEET;

THENCE NORTH 85°42'29" EAST, A DISTANCE OF 270.58 FEET;

THENCE NORTH 74°27'29" EAST, A DISTANCE OF 1963.42 FEET;

THENCE NORTH 73°12'16" EAST, A DISTANCE OF 87.51 FEET;

THENCE NORTH 70°41'51" EAST, A DISTANCE OF 87.51 FEET;

THENCE NORTH 69°26'38" EAST, A DISTANCE OF 128.90 FEET TO THE WEST PERIMETER LINE OF THE WATER TREATMENT BUILDING EASEMENT;

THENCE ALONG THE SAID LINE SOUTH 20°36'25" EAST, A DISTANCE OF 72.34 FEET;

THENCE NORTH 69°23'35" EAST, A DISTANCE OF 665.52 FEET;

THENCE NORTH 20°36'25" WEST, A DISTANCE OF 786.08 FEET;

THENCE SOUTH 69°23'35" WEST, A DISTANCE OF 332.15 FEET;

THENCE SOUTH 42°30'18" WEST, A DISTANCE OF 351.76 FEET;

THENCE SOUTH 15°32'20" EAST, A DISTANCE OF 222.25 FEET;

THENCE SOUTH 20°36'25" EAST, A DISTANCE OF 333.27 FEET;

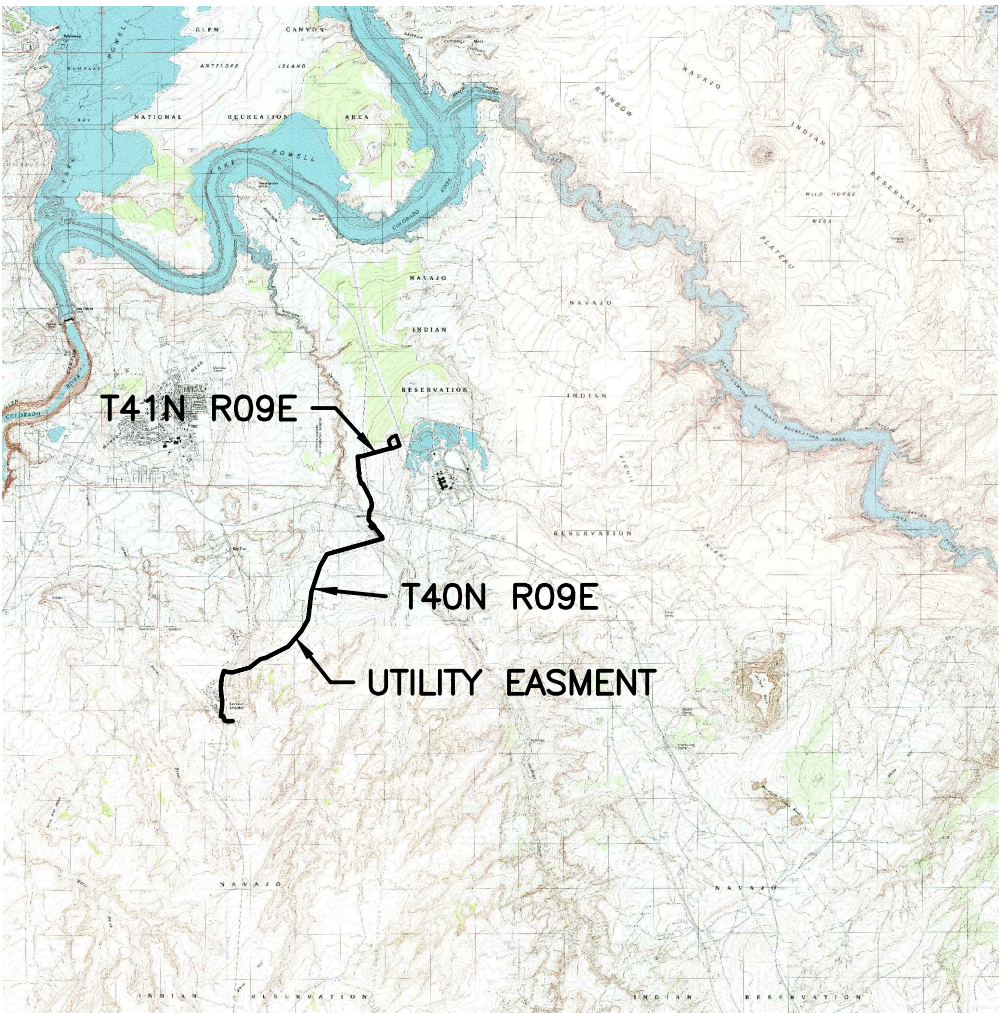
THENCE SOUTH 15°32'20" EAST, A DISTANCE OF 222.25 FEET;

THENCE SOUTH 20°36'25" EAST, A DISTANCE OF 333.27 FEET;

THE ABOVE DESCRIBED WATER TREATMENT BUILDING OF THE UTILITY EASEMENT CONTAINS APPROXIMATELY 492,904 SQUARE FEET OR 11.32 ACRES MORE OR LESS.

THE ABOVE DESCRIBED 30 FOOT UTILITY EASEMENT CONTAINS APPROXIMATELY 958,700 SQUARE FEET OR 22.01 ACRES MORE OR LESS.

VICINITY MAP



LEGEND:

	FOUND B.L.M. SECTION MONUMENT AS NOTED
	SECTION LINE
	PROTRACTED SECTION LINE
	TIE LINE
	HIGHWAY RIGHT OF WAY LINE

BASIS OF BEARING

THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 20, T40N, R9E, WITH ARIZONA STATE PLANE COORDINATE CENTRAL ZONE GRID BEARING OF S 89°43'09" W.

REFERENCES:

R1) NAVAJO GENERATING STATION LANDS; PUMPING PLANT SITE EXHIBITS 7 & 8 SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R2) NAVAJO GENERATING STATION LANDS; ROAD BETWEEN PUMP STATION AND N228 EXHIBITS 9 & 10 SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R3) NAVAJO GENERATING STATION LANDS; PIPING AND ROAD BETWEEN PLANT SITE AND PUMPING PLANT SITE EXHIBIT 11 & 12 SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R4) NAVAJO GENERATING STATION LANDS; POWER LINE TO LAKE PUMP EXHIBITS 13 & 14 SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

CERTIFICATION:

I HEREBY CERTIFY THAT THE SURVEY SHOWN ON THIS DRAWING WAS PERFORMED UNDER MY DIRECTION AND INFORMATION SHOWN IS CORRECTLY DESCRIBED. I FURTHER CERTIFY THAT THIS DRAWING WAS PREPARED UNDER MY DIRECTION.

MICHAEL E. FONDREN, RLS
REGISTERED LAND SURVEYOR
RLS NUMBER 35113

GENERAL NOTE

- THIS SURVEY IS BASED ON NAD 83 AND THE ARIZONA STATE PLANE CENTRAL ZONE MEASURED IN INTERNATIONAL FEET.
- SURVEY ELEVATIONS ARE BASED ON NAVD 88.
- SHOWN MEASUREMENTS ARE AT GRID VALUES.
- TO OBTAIN SPC GROUND VALUES MULTIPLY THE DISTANCES SHOWN BY THE COMBINED SPC GRID FACTOR OF 1.000270

Brown AND Caldwell

SALT LAKE CITY, UTAH



WESTERN NAVAJO
LECHEE
WATERLINE
PIPELINE DESIGN

REVISIONS		
REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED:
DRAWN: M. BAKER
CHECKED:
CHECKED:
APPROVED: M.FONDREN
FILENAME 15004023 SURVEY-LECHEE WATERLINE.DWG
BC PROJECT NUMBER
CLIENT PROJECT NUMBER 15004023

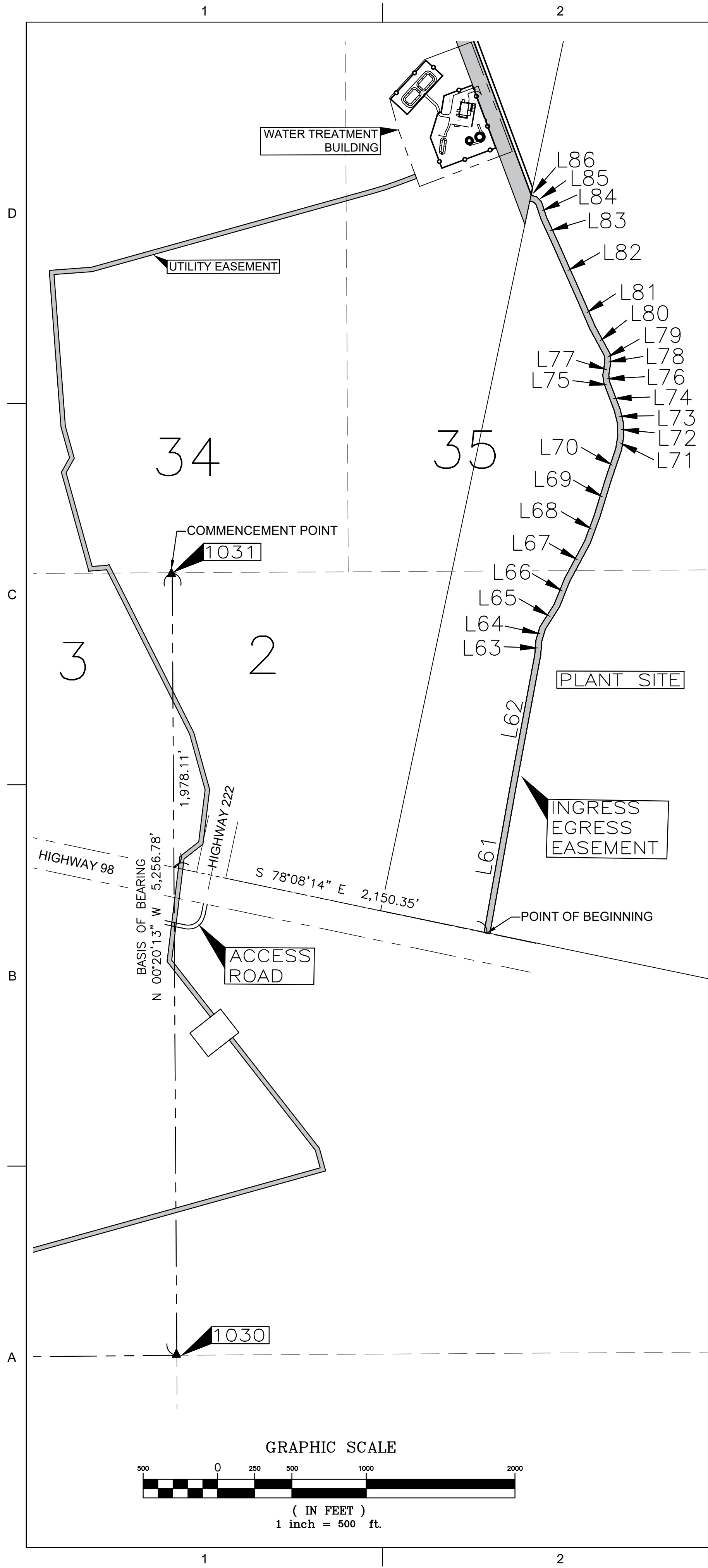
SURVEY

RESULTS OF
SURVEY

DRAWING NUMBER

15004023

SHEET NUMBER
SURVEY 2 OF 5



LEGAL DESCRIPTION

LEGAL DESCRIPTION

A 40-FOOT-WIDE INGRESS EGRESS EASEMENT 20 FEET ON EITHER SIDE PURPOSE OF ACCESSING WATER DISTRIBUTION UTILITIES, LYING WITHIN TOWNSHIP 41 NORTH, RANGE 9 EAST, SECTION 35, AND WITHIN TOWNSHIP 40 NORTH RANGE 9 EAST SECTIONS 2, GILA AND SALT RIVER MERIDIAN, NAVAJO INDIAN RESERVATION, COCONINO COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT CADASTRAL SURVEY 3" BRASS CAP SURVEY MONUMENT BEING AT THE NORTHWEST CORNER OF SECTION 2, TOWNSHIP 40 NORTH, RANGE 9 EAST, FROM WHICH A FOUND U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT CADASTRAL SURVEY 3" BRASS CAP SURVEY MONUMENT BEING AT THE SOUTHWEST CORNER OF SAID SECTION 2, BEARS SOUTH 00°20'13" EAST (BASIS OF BEARING), A DISTANCE OF 5256.78 FEET:

THENCE ALONG THE EAST LINE OF SECTION 3 SOUTH 00°20'13" EAST, A DISTANCE OF 1978.11 FEET TO A POINT OF IN INTERSECT WITH THE NORTH RIGHT OF WAY LINE OF HIGHWAY 98 SHOWN IN MAP NO. D-3-T-606 DATED 7/22/76;

THENCE ALONG THE NORTH RIGHT OF WAY LINE OF HIGHWAY 98 SOUTH 78°08'14" EAST, A DISTANCE OF 2150.35 FEET TO THE POINT OF BEGINNING (P.O.B.) OF THE 40 FOOT INGRESS EGRESS EASEMENT;

THENCE NORTH 10°08'27" EAST, A DISTANCE OF 1003.60 FEET;

THENCE NORTH 10°35'37" EAST, A DISTANCE OF 896.51 FEET;

THENCE NORTH 04°27'46" EAST, A DISTANCE OF 96.37 FEET;

THENCE NORTH 16°41'56" EAST, A DISTANCE OF 89.47 FEET;

THENCE NORTH 32°22'45" EAST, A DISTANCE OF 178.31 FEET;

THENCE NORTH 21°59'25" EAST, A DISTANCE OF 186.25 FEET;

THENCE NORTH 28°11'31" EAST, A DISTANCE OF 287.83 FEET;

THENCE NORTH 20°10'57" EAST, A DISTANCE OF 188.14 FEET;

THENCE NORTH 17°12'04" EAST, A DISTANCE OF 250.04 FEET;

LEGAL DESCRIPTION - CONTINUED

THENCE NORTH 18°45'15" EAST, A DISTANCE OF 219.63 FEET;

THENCE NORTH 09°07'46" EAST, A DISTANCE OF 89.06 FEET;

THENCE NORTH 01°42'16" WEST, A DISTANCE OF 90.41 FEET;

THENCE NORTH 13°50'03" WEST, A DISTANCE OF 89.92 FEET;

THENCE NORTH 20°48'12" WEST, A DISTANCE OF 161.32 FEET;

THENCE NORTH 20°47'38" WEST, A DISTANCE OF 35.07 FEET;

THENCE NORTH 08°01'31" WEST, A DISTANCE OF 48.92 FEET;

THENCE NORTH 08°47'25" EAST, A DISTANCE OF 73.56 FEET;

THENCE NORTH 04°32'59" EAST, A DISTANCE OF 30.65 FEET;

THENCE NORTH 06°03'13" WEST, A DISTANCE OF 34.53 FEET;

THENCE NORTH 28°28'39" WEST, A DISTANCE OF 210.24 FEET;

THENCE NORTH 23°24'35" WEST, A DISTANCE OF 210.33 FEET;

THENCE NORTH 23°59'38" WEST, A DISTANCE OF 413.56 FEET;

THENCE NORTH 24°54'42" WEST, A DISTANCE OF 176.09 FEET;

THENCE NORTH 18°11'49" WEST, A DISTANCE OF 108.93 FEET;

THENCE NORTH 44°34'08" WEST, A DISTANCE OF 34.59 FEET;

THENCE NORTH 76°18'08" WEST, A DISTANCE OF 76.15 FEET;

THENCE NORTH 62°04'48" WEST, A DISTANCE OF 28.11 FEET;

THENCE NORTH 37°10'52" WEST, A DISTANCE OF 34.83 FEET;

THENCE NORTH 19°55'39" WEST, A DISTANCE OF 258.20 FEET TO A POINT ON THE SOUTH BOUNDARY LINE OF THE WATER TREATMENT BUILDING;

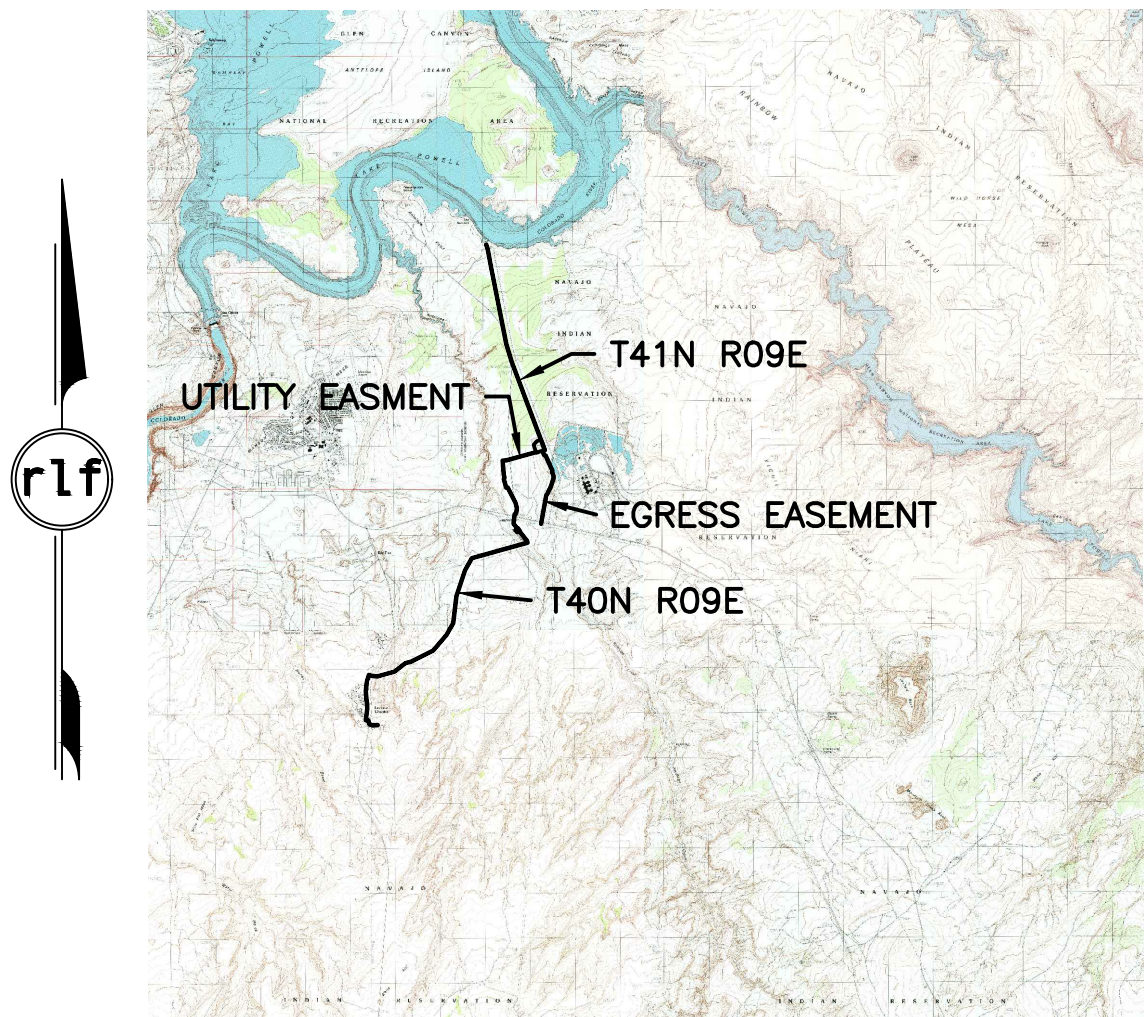
THE ABOVE DESCRIBED FIRST PORTION OF THE UTILITY EASEMENT CONTAINS APPROXIMATELY 209,464 SQUARE FEET OR 4.81 ACRES MORE OR LESS.

INGRESS EGRESS EASEMENT LINE TABLES

LINE TABLE

LINE	BEARING	DISTANCE
L61	N 10°08'27" E	1003.60'
L62	N 10°35'37" E	896.51'
L63	N 04°27'46" E	96.37'
L64	N 16°41'56" E	89.47'
L65	N 32°22'45" E	178.31'
L66	N 21°59'25" E	186.25'
L67	N 28°11'31" E	287.83'
L68	N 20°10'57" E	188.14'
L69	N 17°12'04" E	250.04'
L70	N 18°45'15" E	219.63'
L71	N 09°07'46" E	89.06'
L72	N 01°42'16" W	90.41'
L73	N 13°50'03" W	89.92'
L74	N 20°48'12" W	161.32'
L75	N 20°47'38" W	35.07'
L76	N 08°01'31" W	48.92'
L77	N 08°47'25" E	73.56'
L78	N 04°32'59" E	30.65'
L79	N 06°03'13" W	34.53'
L80	N 28°28'39" W	210.24'
L81	N 23°24'35" W	210.33'
L82	N 23°59'38" W	413.56'
L83	N 24°54'42" W	176.09'
L84	N 18°11'49" W	108.93'
L85	N 44°34'08" W	34.59'
L86	N 76°18'08" W	33.28'

VICINITY MAP



LEGEND:

	FOUND B.L.M. SECTION MONUMENT AS NOTED
	SECTION LINE
	PROTRACTED SECTION LINE
	TIE LINE
	HIGHWAY RIGHT OF WAY LINE

BASIS OF BEARING

THE WEST LINE OF THE SECTION 2, T40N, R9E, WITH ARIZONA STATE PLANE COORDINATE CENTRAL ZONE GRID BEARING OF S 00°20'13" E.

REFERENCES:

R1) NAVAJO GENERATING STATION LANDS; PUMPING PLANT SITE EXHIBITS 7 & 8 SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R2) NAVAJO GENERATING STATION LANDS; ROAD BETWEEN PUMP STATION AND N228 EXHIBITS 9 & 10 SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R3) NAVAJO GENERATING STATION LANDS; PIPING AND ROAD BETWEEN PLANT SITE AND PUMPING PLANT SITE EXHIBIT 11 & 12 SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R4) NAVAJO GENERATING STATION LANDS; POWER LINE TO LAKE PUMP EXHIBITS 13 & 14 SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

CERTIFICATION:

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MICHAEL E. FONDREN, RLS
REGISTERED LAND SURVEYOR
RLS NUMBER 35113

GENERAL NOTE

- THIS SURVEY IS BASED ON NAD 83 AND THE ARIZONA STATE PLANE CENTRAL ZONE MEASURED IN INTERNATIONAL FEET.
 - SURVEY ELEVATIONS ARE BASED ON NAVD 88.
 - SHOWN MEASUREMENTS ARE AT GRID VALUES.
- TO OBTAIN SPC GROUND VALUES MULTIPLY THE DISTANCES SHOWN BY THE COMBINED SPC GRID FACTOR OF 1.000270

Brown AND Caldwell

SALT LAKE CITY, UTAH



WESTERN NAVAJO
LECHEE
WATERLINE
PIPELINE DESIGN

REVISIONS		
REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

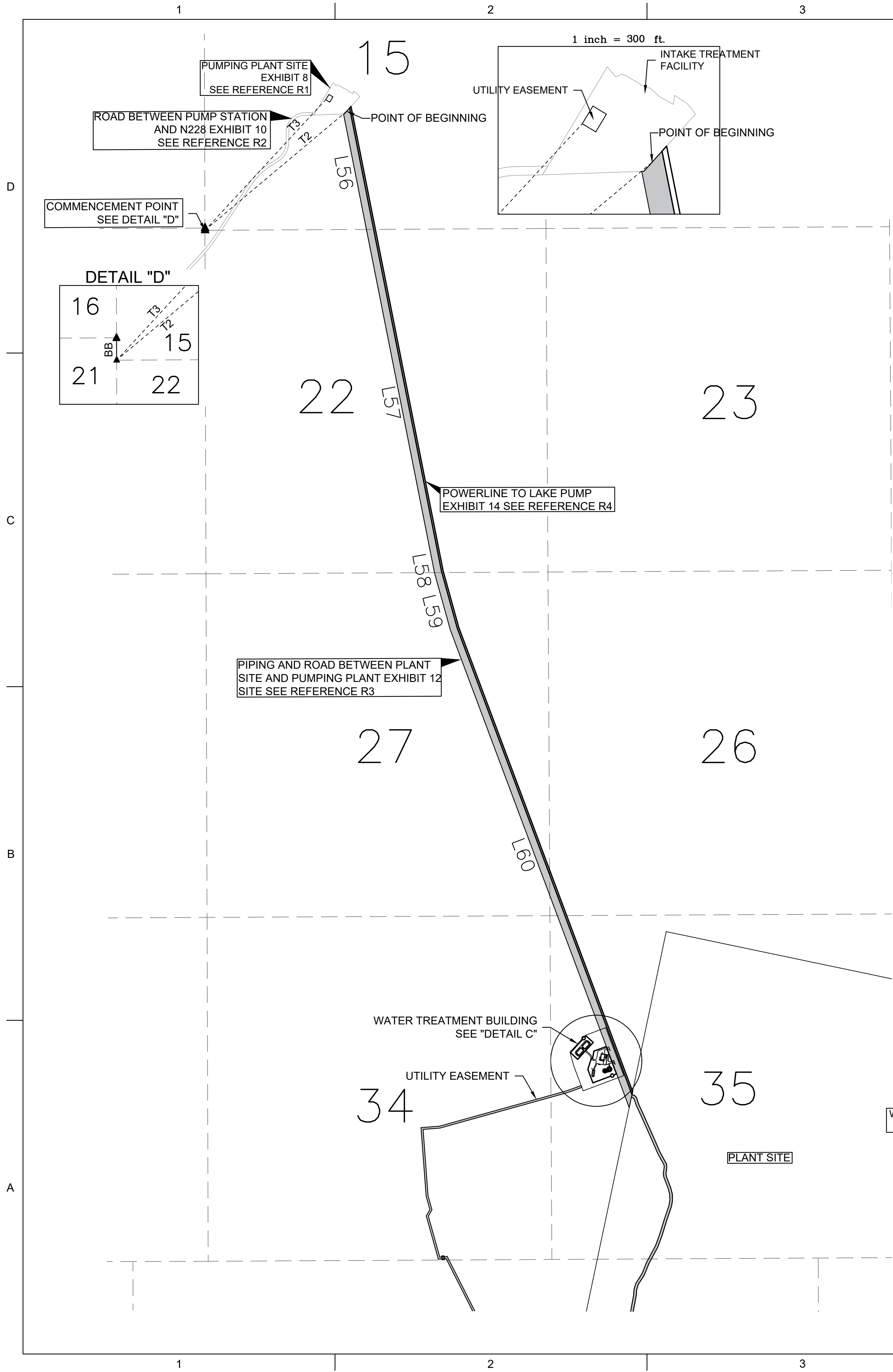
DESIGNED:	
DRAWN:	M. BAKER
CHECKED:	
CHECKED:	
APPROVED:	M. FONDREN
FILENAME	15004023 SURVEY-LECHEE WATERLINE.DWG
BC PROJECT NUMBER	

CLIENT PROJECT NUMBER
15004023

SURVEY

RESULTS OF
SURVEY

DRAWING NUMBER
15004023
SHEET NUMBER
SURVEY 3 OF 5



LEGAL DESCRIPTION

A 110-FOOT-WIDE UTILITY EASEMENT 55 FOOT WIDE ON EITHER SIDE FOR THE PURPOSE OF WATER DISTRIBUTION ALSO BEING THE PIPING AND ROAD BETWEEN PLANT SITE AND PUMPING PLANT SITE EXHIBIT 12 REFERENCED FROM THE NAVAJO GENERATING STATION LANDS, BEING WITHIN TOWNSHIP 41 NORTH, RANGE 9 EAST, SECTIONS 15, 22, 26, 27, 34, AND 35, GILA AND SALT RIVER MERIDIAN, NAVAJO INDIAN RESERVATION, COCONINO COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 22, TOWNSHIP 41 NORTH, RANGE 9 EAST, BEING A BUREAU OF LAND MANAGEMENT BRASS CAP, FROM WHICH THE NORTHEAST CORNER OF SAID SECTION 21, TOWNSHIP 41 NORTH, RANGE 9 EAST, BEARS NORTH 00°10'03" WEST (BASIS OF BEARING), A DISTANCE OF 34.38 FEET;

THENCE NORTH 49°58'00" EAST, A DISTANCE OF 2842.23 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 11°13'04" EAST, A DISTANCE OF 1850.18 FEET TO THE NORTH LINE OF SECTION 22;

THENCE SOUTH 11°13'04" EAST, A DISTANCE OF 5371.19 FEET;

THENCE SOUTH 15°28'28" EAST, A DISTANCE OF 1.75 FEET TO THE SOUTH LINE OF SECTION 22;

THENCE SOUTH 15°28'28" EAST, A DISTANCE OF 900.21 FEET;

THENCE SOUTH 20°31'52" EAST, A DISTANCE OF 7741.09 FEET TO THE WESTERLY BOUNDARY OF PLANT SITE RIGHT OF WAY, ALSO BEING THE THE POINT OF TERMINUS OF THE SECOND WATERLINE EASEMENT;

THE ABOVE DESCRIBED SECOND PORTION OF THE UTILITY EASEMENT CONTAINS APPROXIMATELY 1,744,538 SQUARE FEET OR 40.05 ACRES MORE OR LESS.

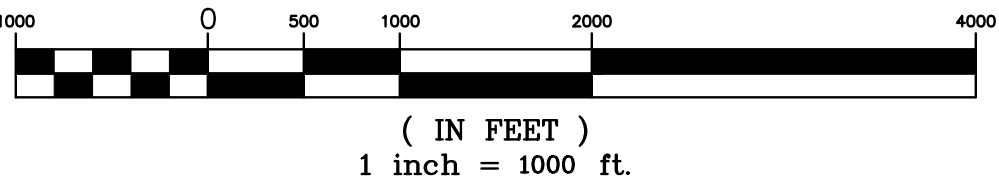
BASIS OF BEARING
AND TIE LINE TABLE

LINE	BEARING	DISTANCE
BB	N 00°10'03" W	34.38'
T2	N 49°58'00" E	2842.23'
T3	N 42°45'45" E	2731.53'

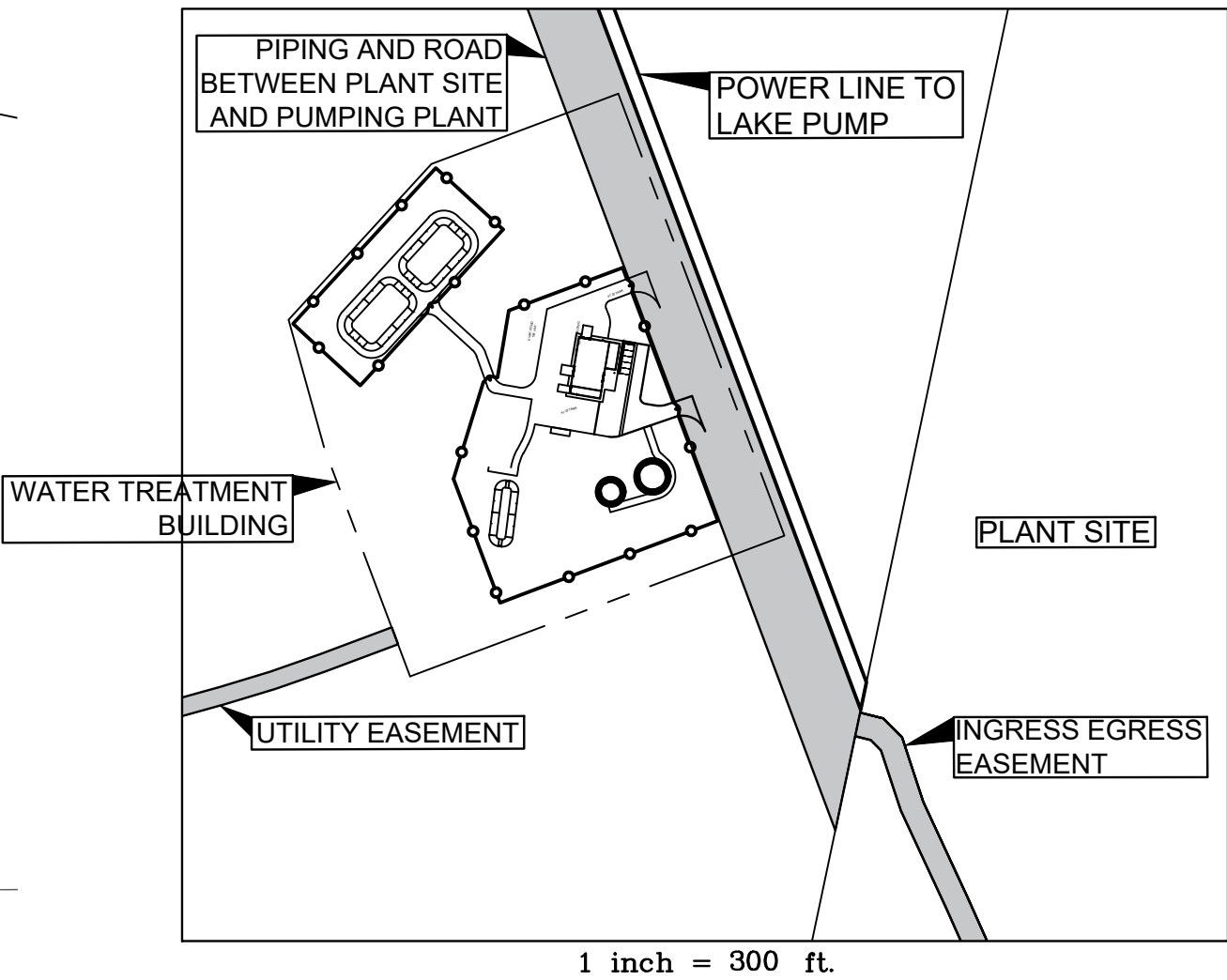
LINE TABLE

LINE	BEARING	DISTANCE
L56	S 11°13'04" E	1850.18'
L57	S 11°13'04" E	5371.19'
L58	S 15°28'28" E	1.75'
L59	S 15°28'28" E	900.21'
L60	S 20°31'52" E	7741.09'

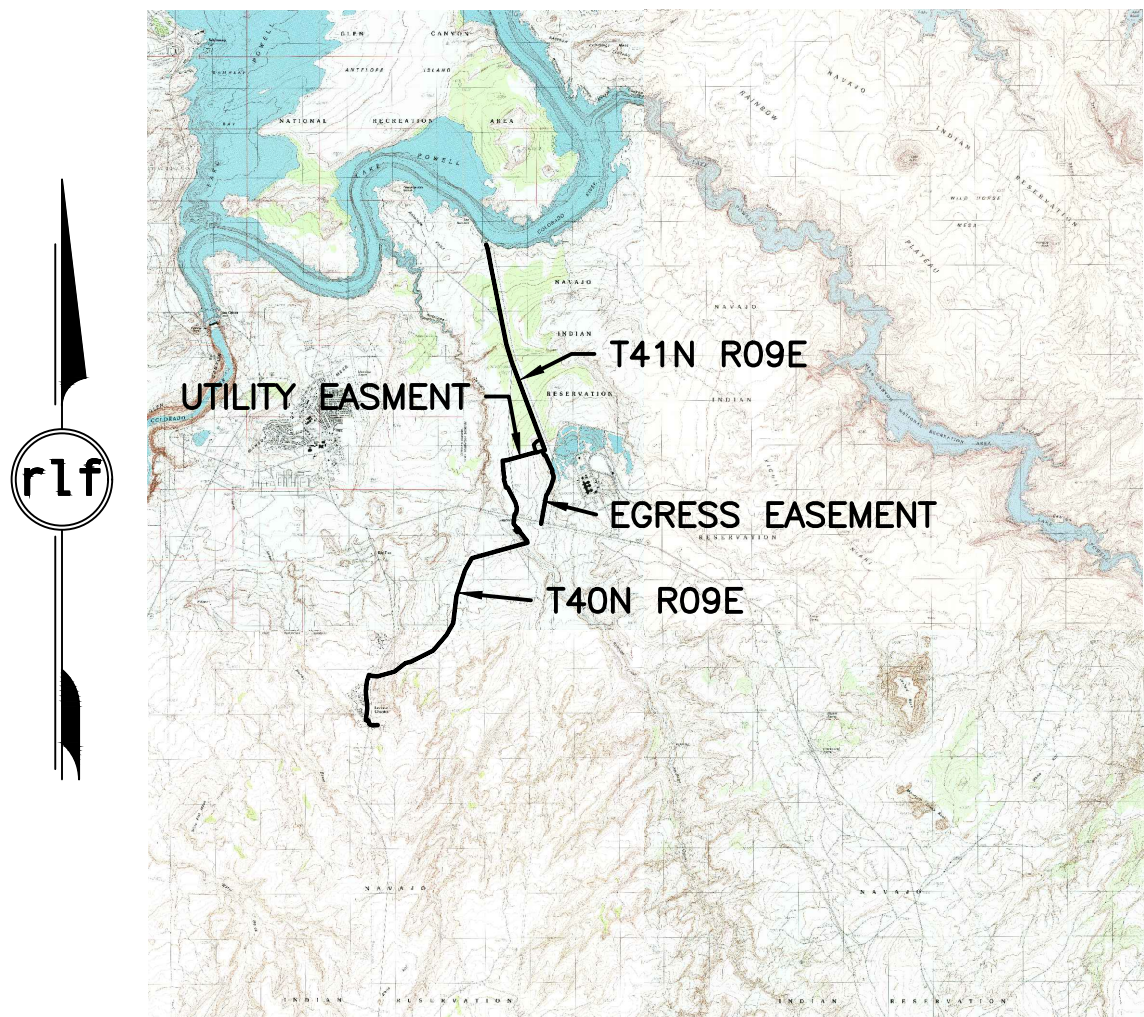
GRAPHIC SCALE



DETAIL "C"



VICINITY MAP



LEGEND:

	FOUND B.L.M. SECTION MONUMENT AS NOTED
	SECTION LINE
	PROTRACTED SECTION LINE
	TIE LINE
	HIGHWAY RIGHT OF WAY LINE

BASIS OF BEARING

THE WEST LINE OF THE SECTION 15, T41N, R9E, WITH ARIZONA STATE PLANE COORDINATE CENTRAL ZONE GRID BEARING OF N 00°10'03" W.

REFERENCES:

R1) NAVAJO GENERATING STATION LANDS; PUMPING PLANT SITE EXHIBITS 7 & 8
SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R2) NAVAJO GENERATING STATION LANDS; ROAD BETWEEN PUMP STATION AND N228 EXHIBITS 9 & 10
SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R3) NAVAJO GENERATING STATION LANDS; PIPING AND ROAD BETWEEN PLANT SITE AND PUMPING PLANT SITE EXHIBIT 11 & 12
SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

R4) NAVAJO GENERATING STATION LANDS; POWER LINE TO LAKE PUMP EXHIBITS 13 & 14
SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

CERTIFICATION:

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MICHAEL E. FONDREN, RLS
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GENERAL NOTE

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Brown AND Caldwell

SALT LAKE CITY, UTAH



WESTERN NAVAJO
LECHEE
WATERLINE
PIPELINE DESIGN

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED:

DRAWN: M. BAKER

CHECKED:

CHECKED:

APPROVED: M.FONDREN

FILENAME
15004023 SURVEY-LECHEE WATERLINE.DWG
BC PROJECT NUMBER

CLIENT PROJECT NUMBER
15004023

SURVEY

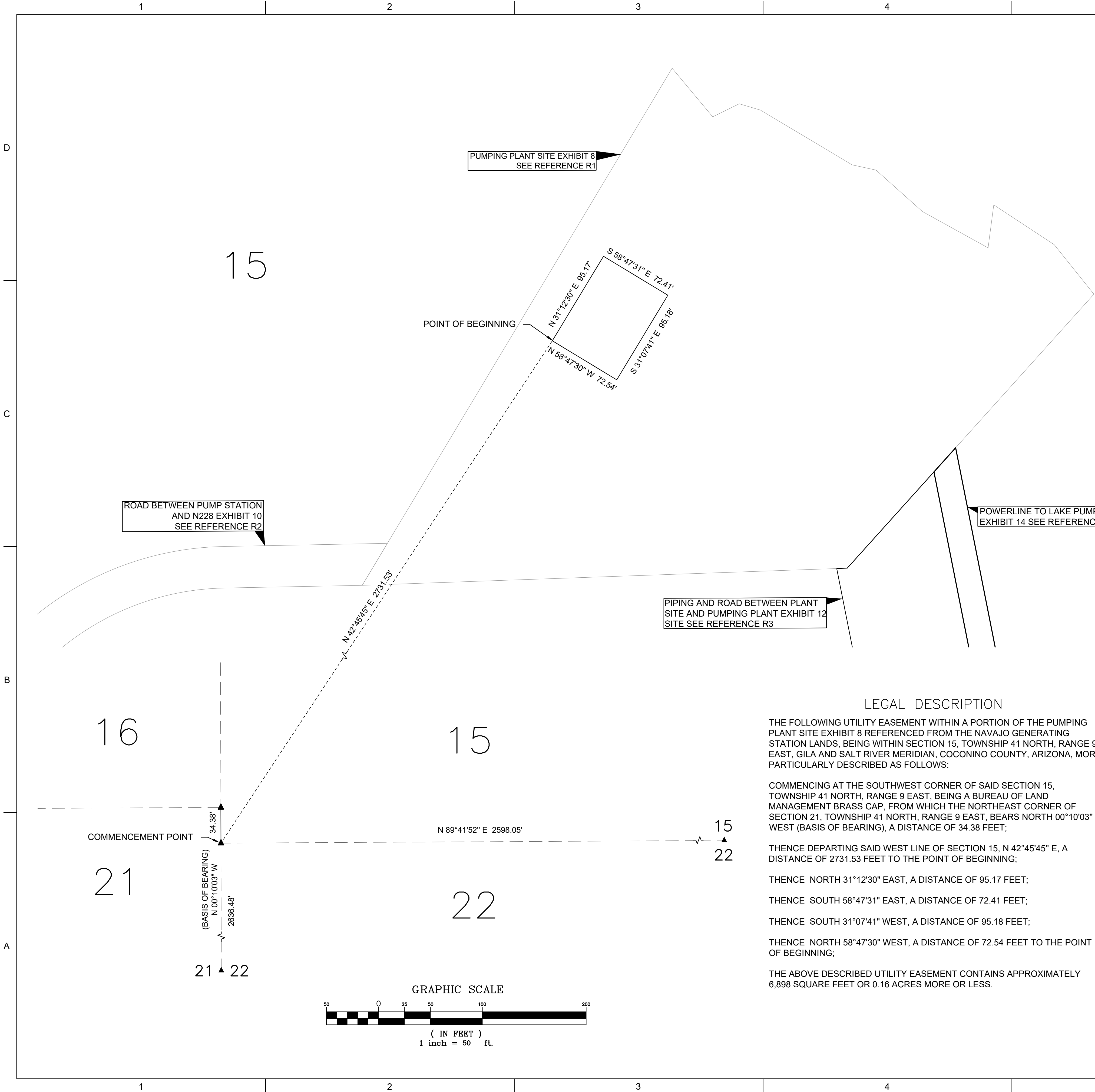
RESULTS OF
SURVEY

DRAWING NUMBER

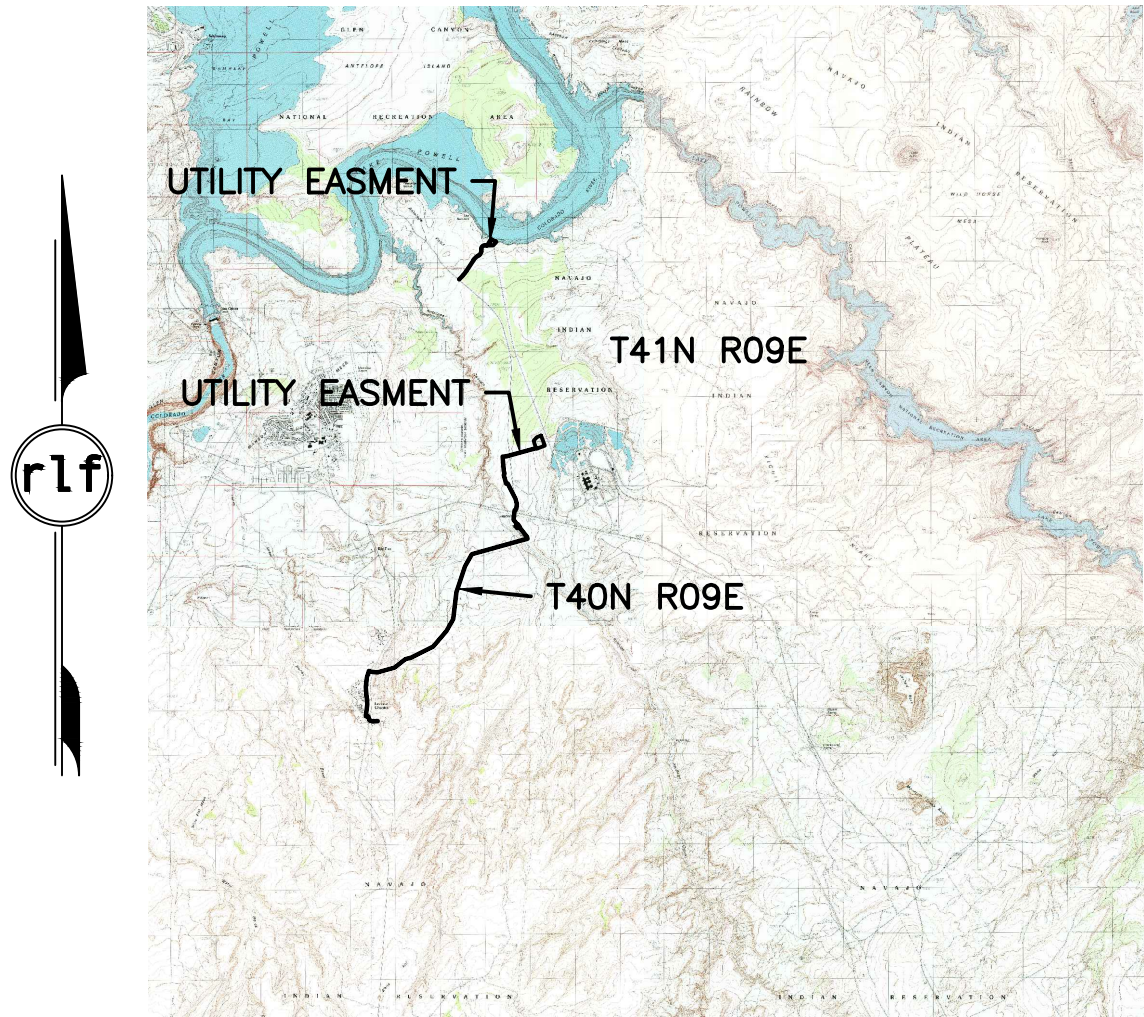
15004023

SHEET NUMBER

SURVEY 4 OF 5



VICINITY MAP



LEGEND:

	FOUND B.L.M. SECTION MONUMENT AS NOTED
	SECTION LINE
	PROTRACTED SECTION LINE
	TIE LINE
	HIGHWAY RIGHT OF WAY LINE

BASIS OF BEARING

THE WEST LINE OF THE SECTION 15, T41N, R9E, WITH ARIZONA STATE PLANE COORDINATE CENTRAL ZONE GRID BEARING OF N 00°10'03" W.

REFERENCES:

- R1) NAVAJO GENERATING STATION LANDS; PUMPING PLANT SITE EXHIBITS 7 & 8
SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017
- R2) NAVAJO GENERATING STATION LANDS; ROAD BETWEEN PUMP STATION AND N228 EXHIBITS 9 & 10
SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017
- R3) NAVAJO GENERATING STATION LANDS; PIPING AND ROAD BETWEEN PLANT SITE AND PUMPING PLANT SITE EXHIBIT 11 & 12
SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017
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SRP SURVEY DIVISION LAND DEPARTMENT DATED: 04/12/2017

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RLS NUMBER 35113

GENERAL NOTE

- THIS SURVEY IS BASED ON NAD 83 AND THE ARIZONA STATE PLANE CENTRAL ZONE MEASURED IN INTERNATIONAL FEET.
 - SURVEY ELEVATIONS ARE BASED ON NAVD 88.
 - SHOWN MEASUREMENTS ARE AT GRID VALUES.
- TO OBTAIN SPC GROUND VALUES MULTIPLY THE DISTANCES SHOWN BY THE COMBINED SPC GRID FACTOR OF 1.000270

Brown AND Caldwell

SALT LAKE CITY, UTAH



WESTERN NAVAJO
LECHEE
WATERLINE
PIPELINE DESIGN

REVISIONS		
REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED:

DRAWN: M. BAKER

CHECKED:

CHECKED:

APPROVED: M.FONDREN

FILENAME
15004023 SURVEY-LECHEE WATERLINE.DWG
BC PROJECT NUMBER

CLIENT PROJECT NUMBER
15004023

SURVEY
RESULTS OF
SURVEY

DRAWING NUMBER
15004023

SHEET NUMBER
SURVEY 5 OF 5