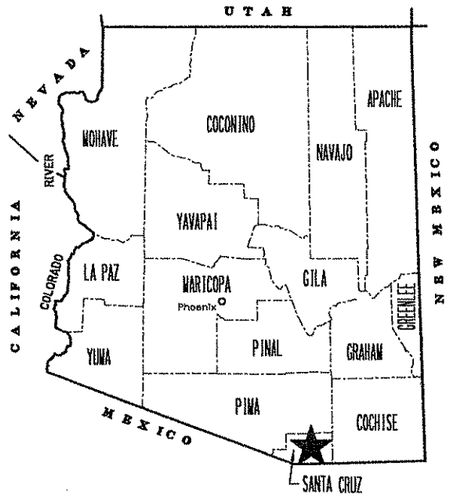
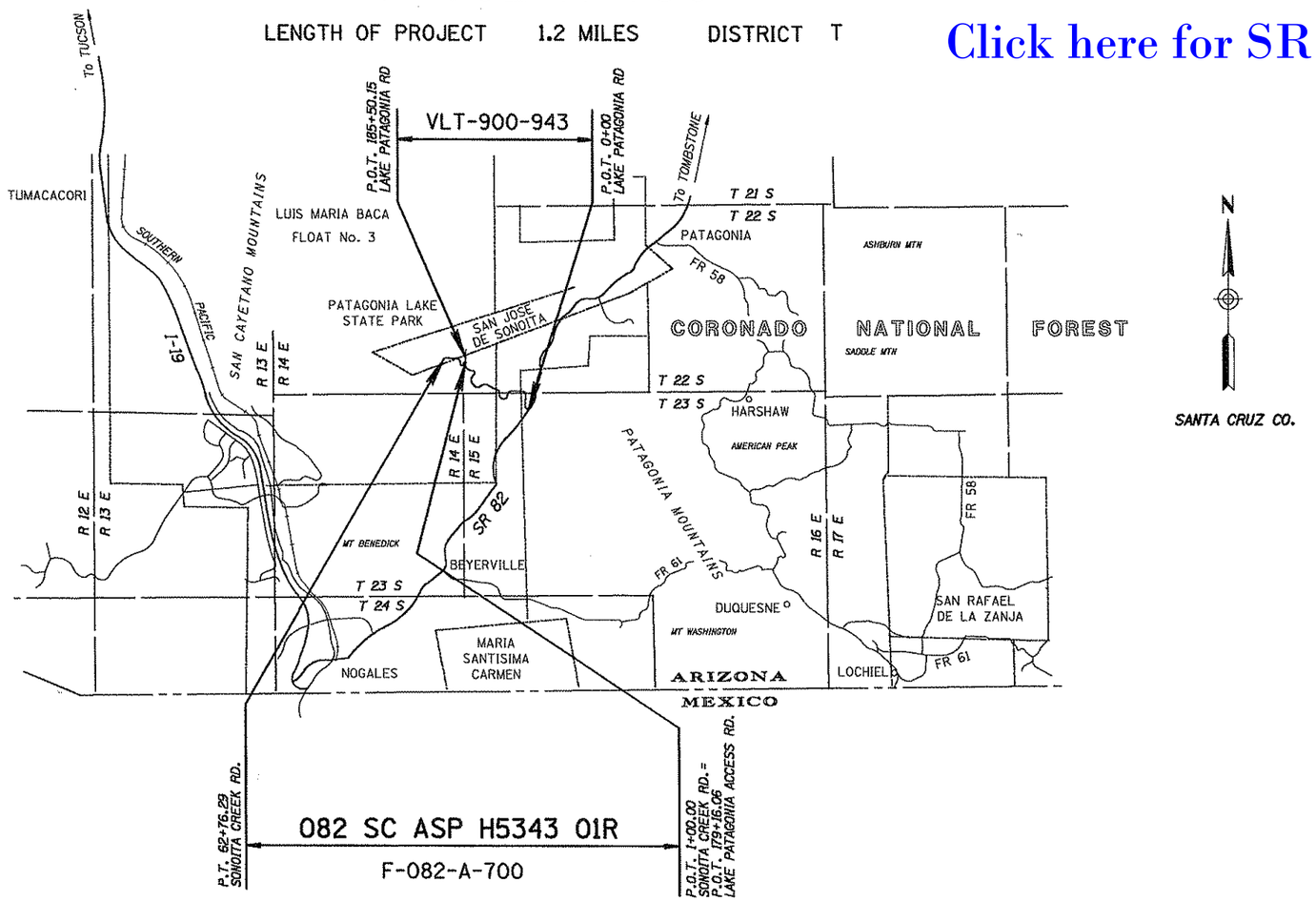
STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION



RIGHT OF WAY PLAN OF THE
NOGALES - TOMBSTONE HWY
PATAGONIA LAKE STATE PARK
082 SC ASP H5343 01R
F-082-A-700

LENGTH OF PROJECT 1.2 MILES DISTRICT T

Click here for SR 82 Index



ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
APPROVED BY EDWARD D. WRIGHT, STATE ENGINEER
FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE WITH
RESOLUTION: N/A DATED N/A

APPROVED BY CHIEF RIGHT OF WAY AGENT IN ACCORDANCE WITH ROADWAY PLANS
S. Hansen 8-10-01
STEPHEN HANSEN DATED

DRAWING NO.	D-12-T-355
SHEET NO.	1 OF 9

PUBLIC HEARING REQUIREMENTS CERTIFIED	
ENVIRONMENTAL CLEARANCE	
C & S REVIEW	
BID SET REVIEW	

JIM. S.

OWNERSHIP RECORD

ACQUISITION RECORD

PARCEL NUMBER	OWNER	DESCRIPTION	TOTAL AREA	AREA REQUIRED GROSS INCLUDING EXISTING R/W	AREA REQUIRED NET EXCLUDING EXISTING R/W	NEW EASEMENTS	EXISTING EASEMENTS	REMAINDER LEFT	REMAINDER RIGHT	SHEET NO.	CHIEF R/W AGENT APPROVAL	INSTRUMENT TYPE	INSTRUMENT DATE	RECORDED DATE	RECORDED DOCUMENT
12-0403	STATE OF ARIZONA (STATE LAND DEPARTMENT)	PT OF SECTION 30 & 31, T.22 S. R.15 E. PT OF SECTION 25, T.22 S. R.14 E. PT.OF LUIS MARIA BACA FLOAT NO.3 PRIVATE LAND GRANT PT. OF SAN JOSE DE SONOITA PRIVATE LAND GRANT	3302 Ac		9.37 Ac	0.06 Ac				4-8					

Click here for SR 82 Index

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-12-T-355
HARD COPY	
DRAWN/DATE	JPG 9/00
CHECKED	J. SHARPE
GMTS	8625 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020
ROUTE	SR 82
SECTION	PATAGONIA LAKE STATE PARK

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: NOGALES-TOMBSTONE HWY

PROJECT NO.: F-082-A-700

TRACS NO.: 082 SC ASP H5343 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 2-7-01 ARIZONA, U.S.A.

SHEET 2 OF 9

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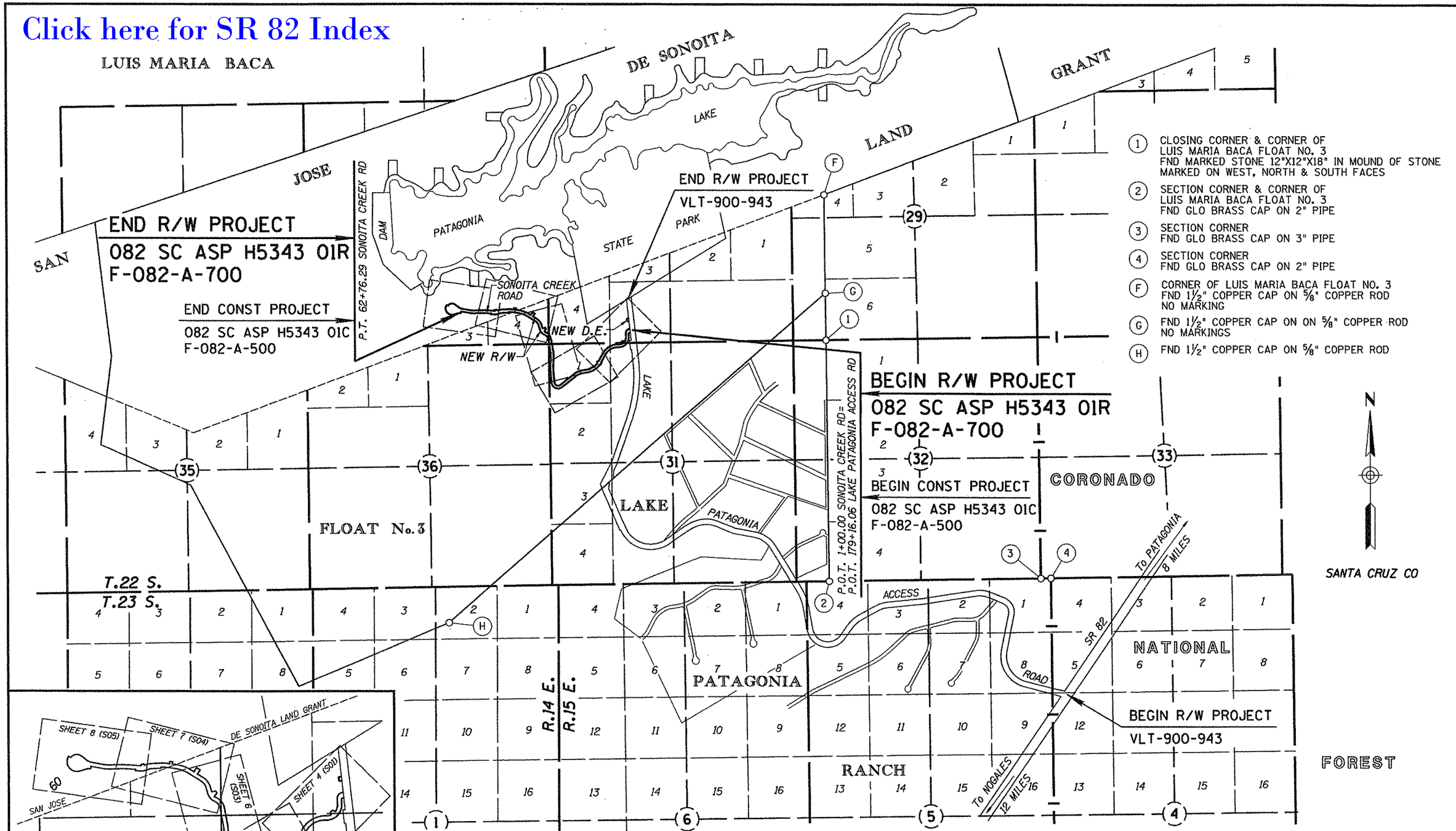


VICINITY MAP

SCALE: 1" = 1000'

NOTE: RIGHT OF WAY PLANS BASED FROM RESULTS OF SURVEY FROM R.B.F. SEE SHEET 9.

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-12-T-355
HARD COPY	SEE NOTE
DRAWN/DATE	JPG 9/00
CHECKED	J. SHARPE

GMTS 8338 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: NOGALES-TOMBSTONE HWY

PROJECT NO.: F-082-A-700

TRACS NO.: 082 SC ASP H5343 01R

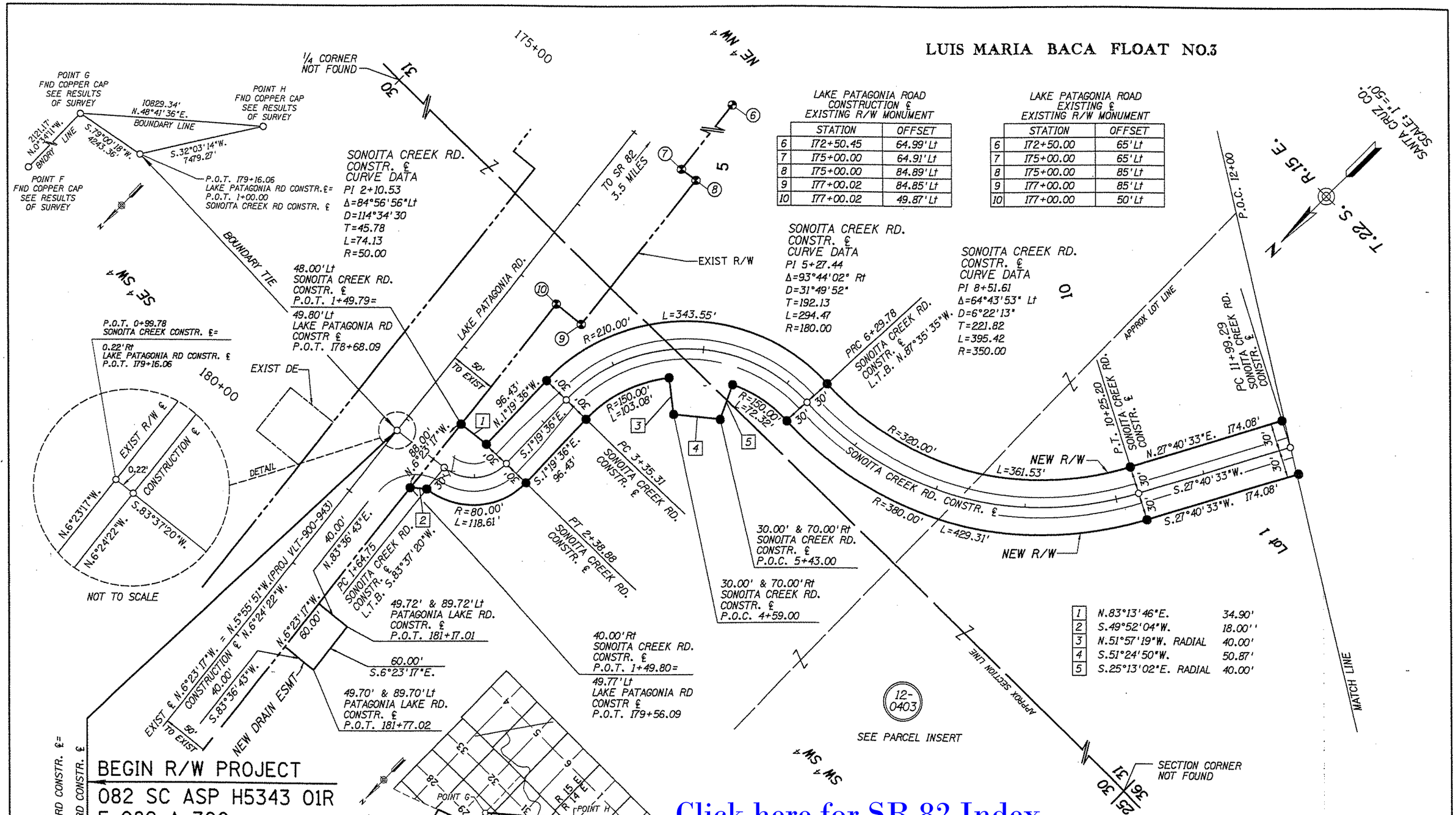
ROUTE: SR 82

SECTION: PATAGONIA LAKE STATE PARK

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 8-8-01 ARIZONA, U.S.A.

SHEET 3 OF 9

LUIS MARIA BACA FLOAT NO.3



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NOTE: RIGHT OF WAY PLANS BASED FROM RESULTS OF SURVEY FROM R.B.F. SEE SHEET 9.

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

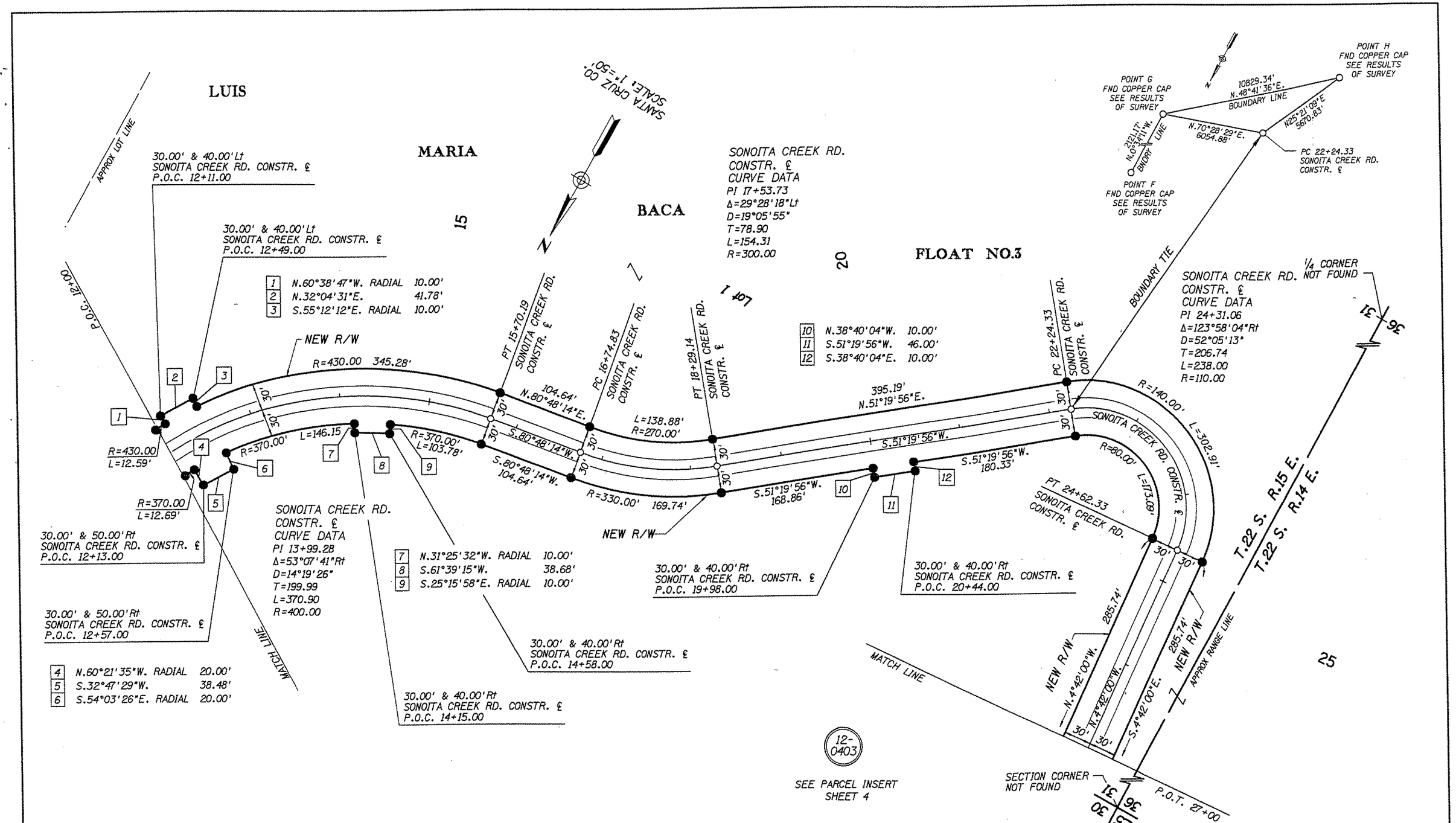
DRAWING NO.	D-12-T-355
HARD COPY	SEE NOTE
DRAWN/DATE	JPG 9/00
CHECKED	J. SHARPE
GMTS	8828 NORTH CENTRAL AVENUE SUITE 200 PHOENIX, ARIZONA 85020
ROUTE	SR 82
SECTION	PATAGONIA LAKE STATE PARK

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: NOGALES-TOMBSTONE HWY
PROJECT NO.: F-082-A-700
TRACS NO.: 082 SC ASP H5343 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18202 DAVID SHANE Date Signed 2-7-01 ARIZONA, U.S.A.

SHEET 4 OF 9



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NOTE: RIGHT OF WAY PLANS BASED FROM RESULTS OF SURVEY FROM R.B.F. SEE SHEET 9.

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

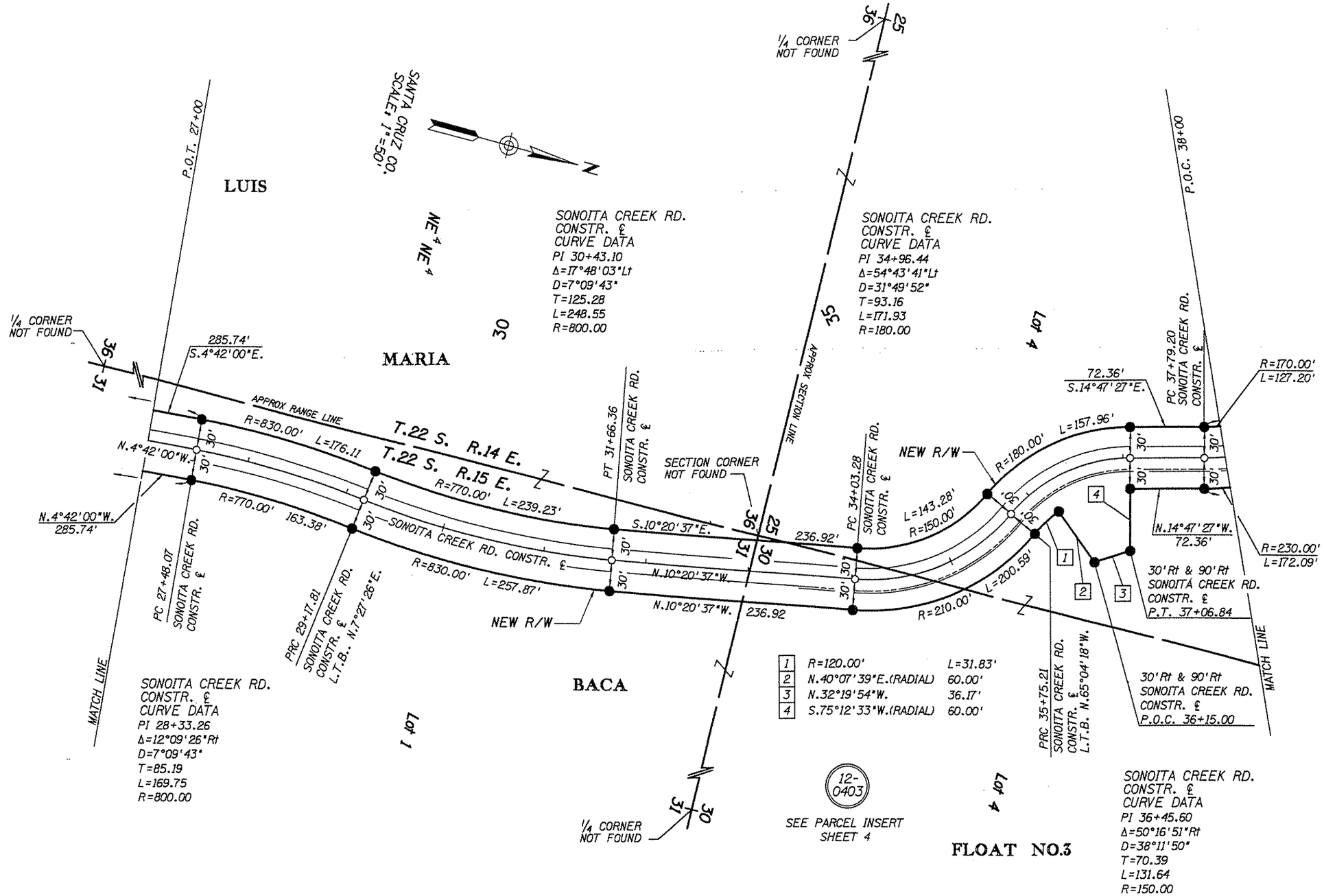
DRAWING NO.	D-12-T-355
HARD COPY	SEE NOTE
DRAWN /DATE	JPG 9/00
CHECKED	J. SHARPE
GMTS 8828 NORTH CENTRAL AVENUE SUITE 220 PHOENIX, ARIZONA 85020	
ROUTE	SECTION
SR 82	PATAGONIA LAKE STATE PARK

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: NOGALES-TOMBSTONE HWY
PROJECT NO.: F-082-A-700
TRACS NO.: 082 SC ASP H5343 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 2-7-01 ARIZONA, U.S.A.
David Shane

SHEET 5 OF 9



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NOTE: RIGHT OF WAY PLANS BASED FROM RESULTS OF SURVEY FROM R.B.F. SEE SHEET 9.

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-12-T-355
HARD COPY	SEE NOTE
DRAWN /DATE	JPG 9/00
CHECKED	J. SHARPE

GMTS 8020 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020

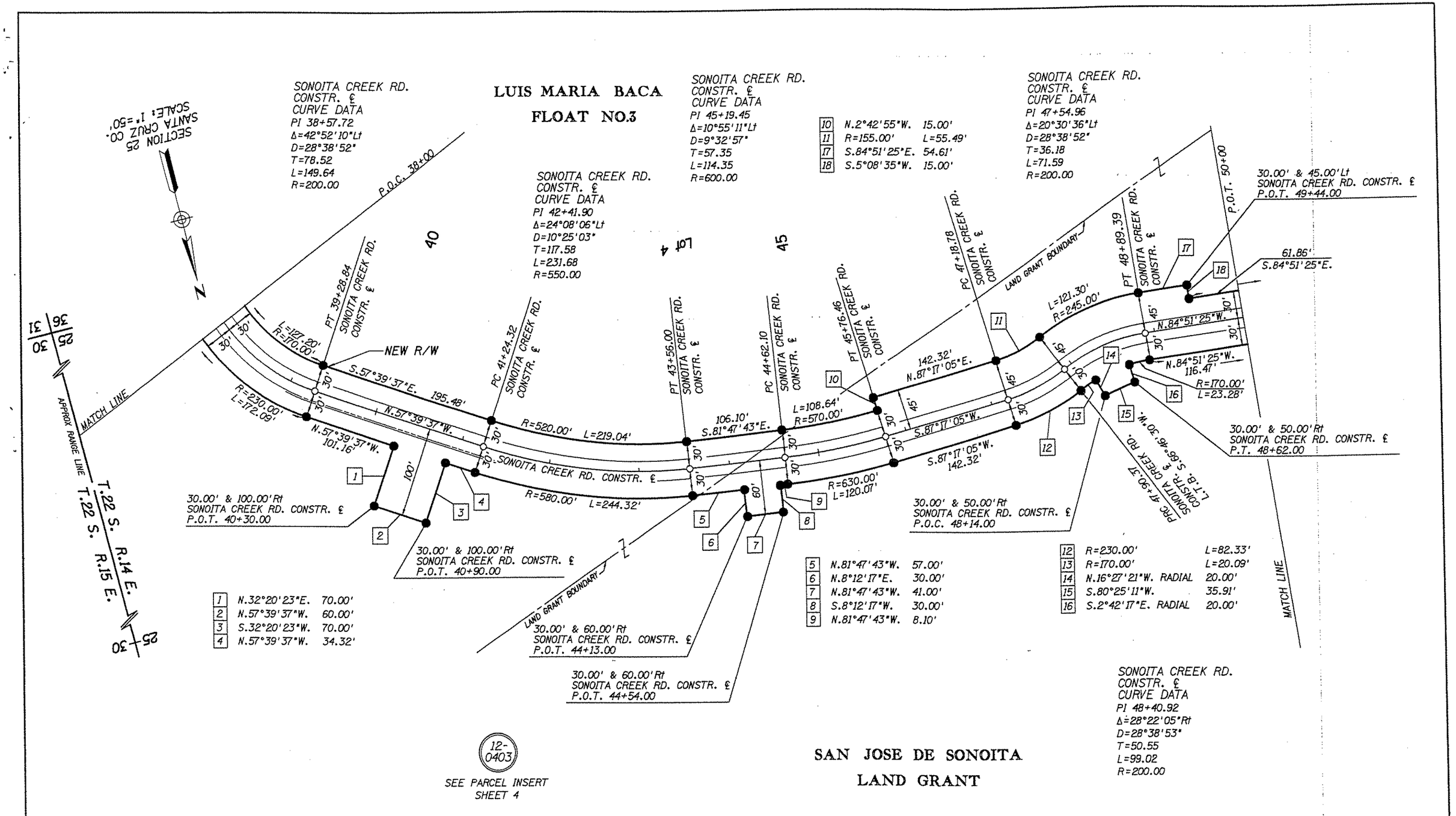
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: NOGALES-TOMBSTONE HWY
PROJECT NO.: F-082-A-700
TRACS NO.: 082 SC ASP H5343 01R
ROUTE: SR 82
SECTION: PATAGONIA LAKE STATE PARK

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 2-7-01 ARIZONA, U.S.A.

David Shane

SHEET 6 OF 9



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NOTE: RIGHT OF WAY PLANS BASED FROM
RESULTS OF SURVEY FROM R.B.F. SEE SHEET 9.

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-12-T-355
HARD COPY	SEE NOTE
DRAWN/DATE	JPG 9/00
CHECKED	J. SHARPE
GMTS	8626 NORTH CENTRAL AVENUE, SUITE 202, PHOENIX, ARIZONA 85020
ROUTE	SR 82
SECTION	PATAGONIA LAKE STATE PARK

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY	NOGALES-TOMBSTONE HWY
PROJECT NO.	F-082-A-700
TRACS NO.	082 SC ASP H5343 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18225 DAVID SHANE Date Signed 2-7-01 ARIZONA, U.S.A.

SHEET 7 OF 9

END R/W PROJECT
082 SC ASP H5343 01R
F-082-A-700

END CONST PROJECT
082 SC H5343 01C
F-082-A-500

SONOITA CREEK RD. CONSTR. ℄
CURVE DATA
PI 50+97.14
Δ=7°27'39"Lt
D=4°05'33"
T=91.28
L=182.30
R=1400.00

Lot 3

LAND GRANT BOUNDARY

P.O.T. 50+00

SAN JOSE DE SONOITA

55

P.T. 62+76.29
SONOITA CREEK RD CONSTR. ℄

SONOITA CREEK RD. CONSTR. ℄
CURVE DATA
PI 56+30.28
Δ=26°54'01"Rt
D=28°38'52"
T=47.83
L=93.90
R=200.00

60

SANTA CRUZ CO.
SCALE: 1"=50'

T. 22S R. 14E.

N

3	N.73°27'05"E.	100.00'
4	R=135.00'	L=63.38'
5	N.10°21'06"E.	35.00'

PC 61+82.39 SONOITA CREEK RD. CONSTR. ℄

PT 60+82.39 SONOITA CREEK RD. CONSTR. ℄

PC 50+05.86 SONOITA CREEK RD. CONSTR. ℄

PT 51+88.16 SONOITA CREEK RD. CONSTR. ℄

30.00' & 65.00'Rt
SONOITA CREEK RD. CONSTR. ℄
P.T. 62+76.29

R=140.00' L=342.33'

NEW R/W

SONOITA CREEK RD.
CONSTR. ℄
CURVE DATA
Δ=233°48'02"Lt
D=76°23'40"
T=-1.00
L=306.04
R=75.00

61.86'
S.84°51'25"E.

R=1370.00' L=178.40'

110.22
N.87°40'56"E.

R=605.00' L=133.78'

156.92'
S.79°38'54"E.

S.73°27'05"W.

SONOITA CREEK RD.
CONSTR. ℄

S.87°40'56"W.

N.79°38'54"W.

N.52°44'54"W.

30.00' & 65.00'Rt
SONOITA CREEK RD. CONSTR. ℄
P.O.C. 58+99.00

N.84°51'25"W.
116.47'

R=1430.00' L=186.21'

S.87°40'56"W.
110.22

R=545.00'
L=120.51'

N.79°38'54"W.
156.92'

NEW R/W

R=105.00' L=171.71'

LAND GRANT

PC 52+98.38 SONOITA CREEK RD. CONSTR. ℄

PT 54+25.53 SONOITA CREEK RD. CONSTR. ℄

PC 55+82.45=
PT 62+76.29
SONOITA CREEK RD. CONSTR. ℄

PT 56+76.35 SONOITA CREEK RD. CONSTR. ℄

PC 57+76.35 SONOITA CREEK RD. CONSTR. ℄

N.56°26'49"W.(RADIAL)
35.00'

1	R=170.00'	L=79.81'
2	N.52°44'54"W.	100.00'

12-0403

SEE PARCEL INSERT SHEET 4

MATCH LINE

SONOITA CREEK RD.
CONSTR.℄
CURVE DATA
PI 53+62.22
Δ=12°40'10"Rt
D=9°57'52"
T=63.83
L=127.15
R=575.00

POINT H
FND COPPER CAP
SEE RESULTS
OF SURVEY

BOUNDARY TIE

SONOITA CREEK RD.
CONSTR. ℄
CURVE DATA
PI 56+30.28
Δ=26°54'01"Rt
D=28°38'52"
T=47.83
L=93.90
R=200.00

10829.34'
N.48°41'36"E.
BOUNDARY LINE

6773.54'
S.2°30'27"W.

POINT G
FND COPPER CAP
SEE RESULTS
OF SURVEY

S.87°12'55"W.
7847.79'

PC 55+82.45=
PT 62+76.29
SONOITA CREEK RD.
CONSTR. ℄

BNDRY LINE

2121.17'
N.0°34'11"W.

POINT F
FND COPPER CAP
SEE RESULTS
OF SURVEY

Click here for SR 82 Index

NOTE: RIGHT OF WAY PLANS BASED FROM RESULTS OF SURVEY FROM R.B.F. SEE SHEET 9.

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-12-T-355
HARD COPY	SEE NOTE
DRAWN /DATE	JPG 9/00
CHECKED	J. SHARPE

GMTS 1625 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: NOGALES-TOMBSTONE HWY
PROJECT NO.: F-082-A-700
TRACS NO.: 082 SC ASP H5343 01R
ROUTE: SR 82
SECTION: PATAGONIA LAKE STATE PARK

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 2-7-01 ARIZONA, U.S.A.

SHEET 8 OF 9

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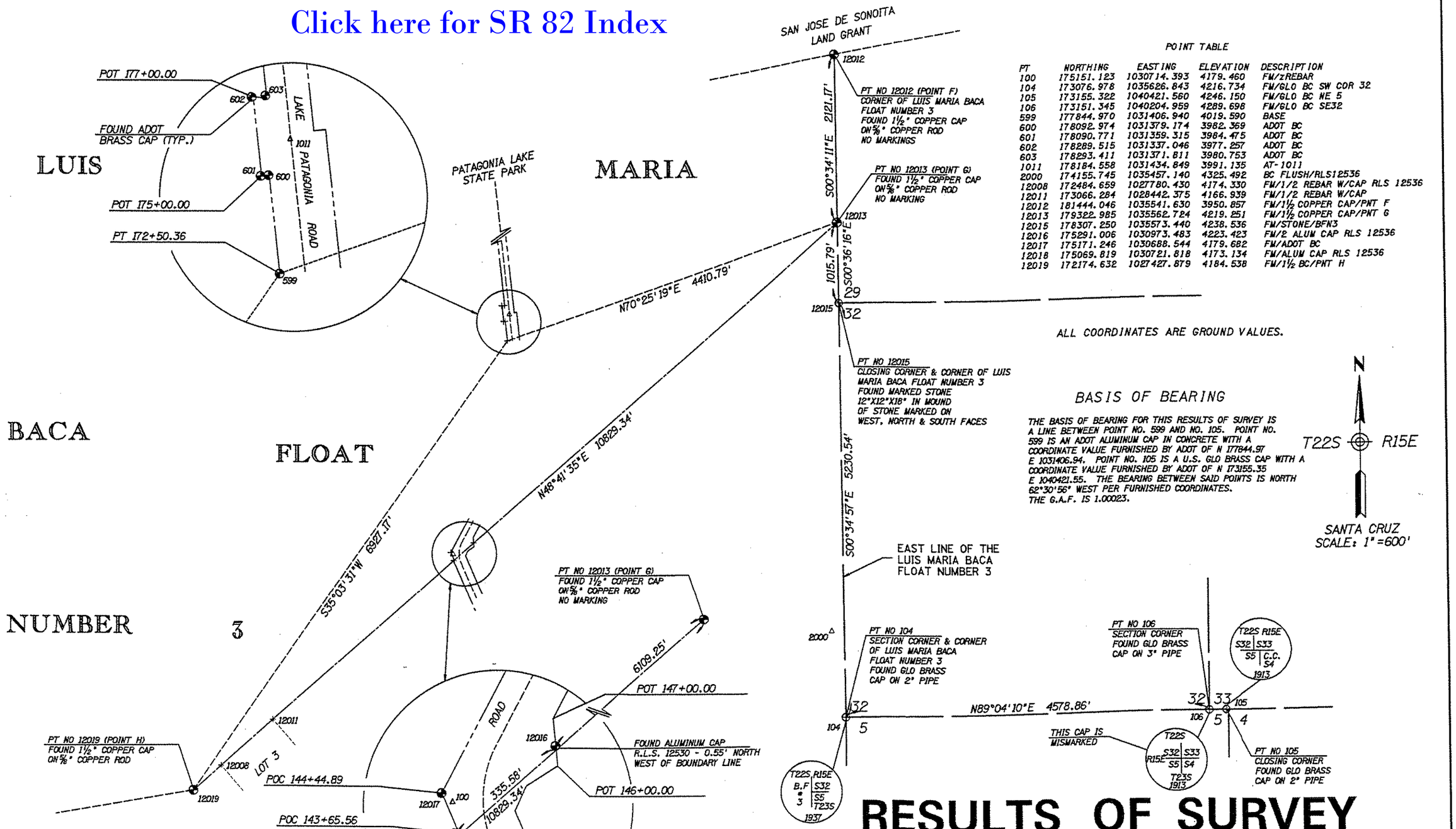

POINT TABLE

PT	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	175151.123	1030714.393	4179.460	FM/zREBAR
104	173076.978	1035626.843	4216.734	FM/GLO BC SW COR 32
105	173155.322	1040421.560	4246.150	FM/GLO BC NE 5
106	173151.345	1040204.959	4289.698	FM/GLO BC SE32
599	177844.970	1031406.940	4019.590	BASE
600	178092.974	1031379.174	3982.369	ADOT BC
601	178090.771	1031359.315	3984.475	ADOT BC
602	178289.515	1031337.046	3977.257	ADOT BC
603	178293.411	1031371.811	3980.753	ADOT BC
1011	178184.558	1031434.849	3991.135	AT-1011
2000	174155.745	1035457.140	4325.492	BC FLUSH/RLS12536
12008	172484.659	1027780.430	4174.330	FM/1/2 REBAR W/CAP RLS 12536
12011	173066.284	1028442.375	4166.939	FM/1/2 REBAR W/CAP
12012	181444.046	1035541.630	3950.857	FM/1½ COPPER CAP/PNT F
12013	179322.985	1035562.724	4219.251	FM/1½ COPPER CAP/PNT G
12015	178307.250	1035573.440	4238.536	FM/STONE/BFN3
12016	175291.006	1030973.483	4223.423	FM/2 ALUM CAP RLS 12536
12017	175171.246	1030688.544	4179.682	FM/ADOT BC
12018	175069.819	1030721.818	4173.134	FM/ALUM CAP RLS 12536
12019	172174.632	1027427.879	4184.538	FM/1½ BC/PNT H

ALL COORDINATES ARE GROUND VALUES.

BASIS OF BEARING

THE BASIS OF BEARING FOR THIS RESULTS OF SURVEY IS A LINE BETWEEN POINT NO. 599 AND NO. 105. POINT NO. 599 IS AN ADOT ALUMINUM CAP IN CONCRETE WITH A COORDINATE VALUE FURNISHED BY ADOT OF N 177844.97 E 1031406.94. POINT NO. 105 IS A U.S. GLO BRASS CAP WITH A COORDINATE VALUE FURNISHED BY ADOT OF N 173155.35 E 1040421.55. THE BEARING BETWEEN SAID POINTS IS NORTH 62°30'56" WEST PER FURNISHED COORDINATES. THE G.A.F. IS 1.00023.

N

T22S R15E

SANTA CRUZ
SCALE: 1"=600'

RESULTS OF SURVEY

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-12T-355
HARD COPY	
DRAWN/DATE	CW OCT. 2000
CHECKED	L. WILLIS
ROUTE	
SECTION	PATAGONIA LAKE STATE PARK

RBF CONSULTING

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY: NOGALES - LOWELL
PROJECT NO.: F-082-A-700
TRACS NO.: 082 SC ASP H5343 01R

REGISTERED LAND SURVEYOR 31034 DAVID M. SCHLIEF 12-5-2000 ARIZONA, U.S.A.

SHEET 1 OF 1

05 FEB 2001 10:30:54 h:\pdata\45100775\dgn\div\775-os001.dgn

SYSTIME SYSTIME DGNSPECIFICATION