



Draft Tier 1 Environmental Impact Statement and Preliminary Section 4(f) Evaluation

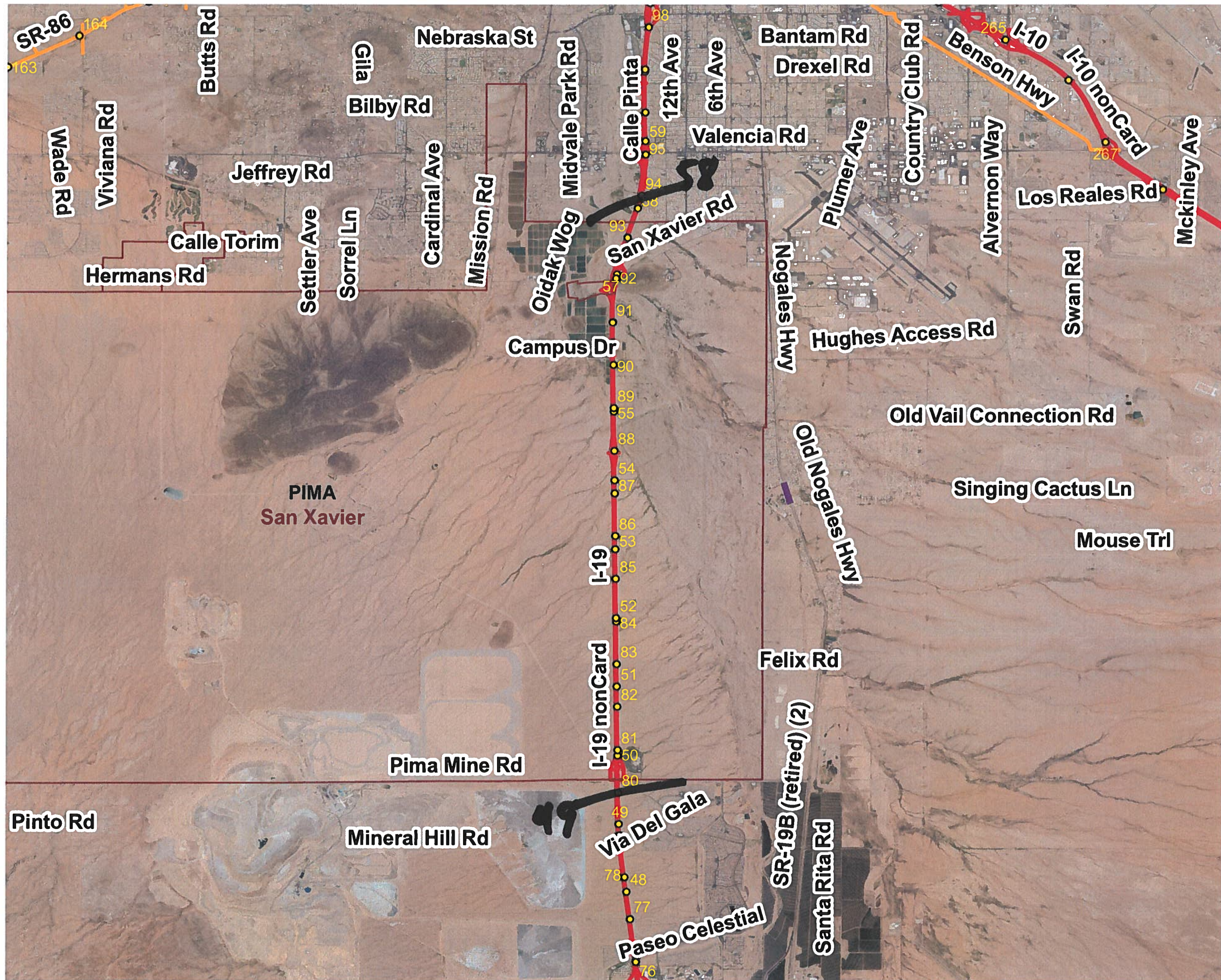
Appendix I, I-19 through San Xavier (Tonono o'odham Nation)

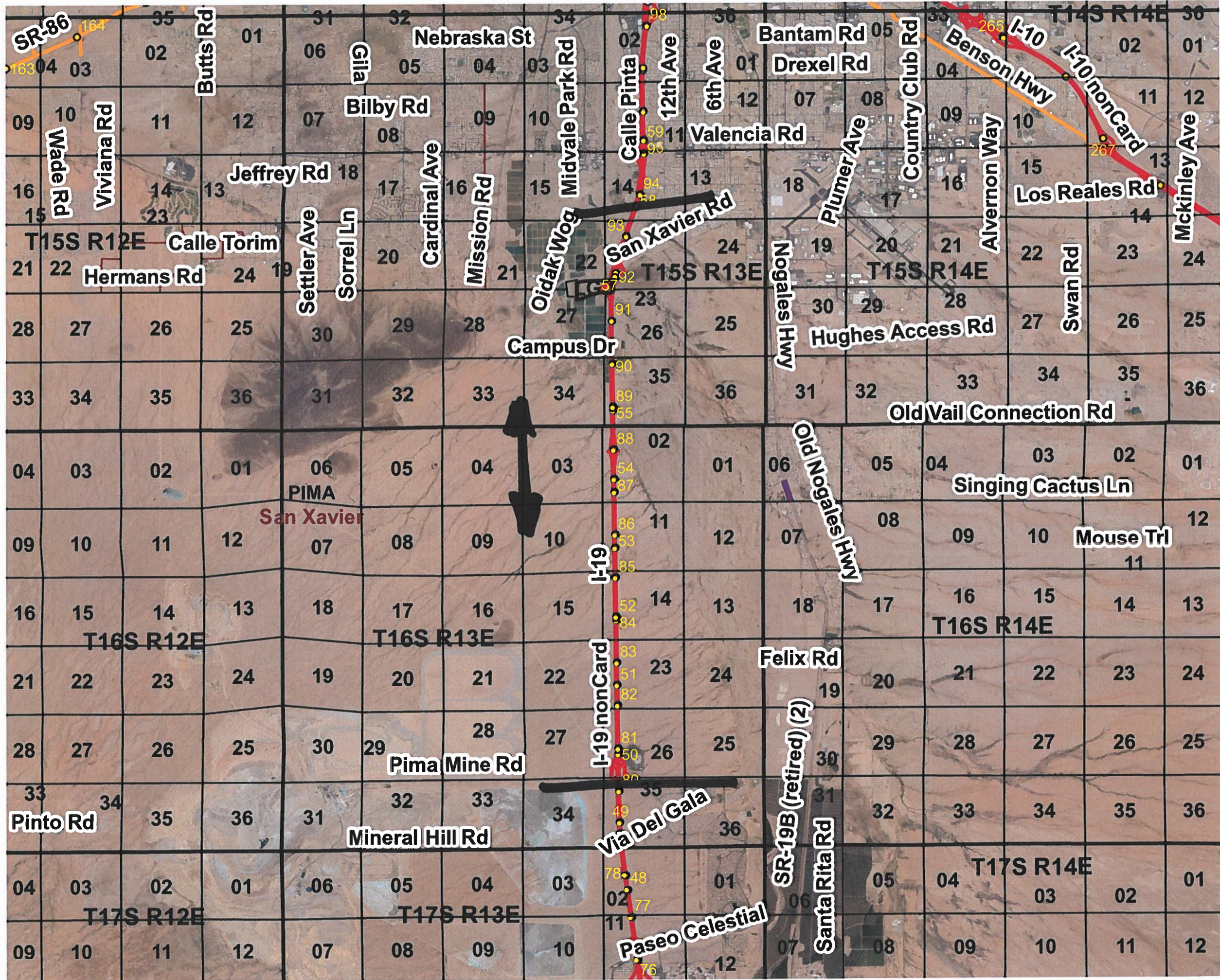
March 2019

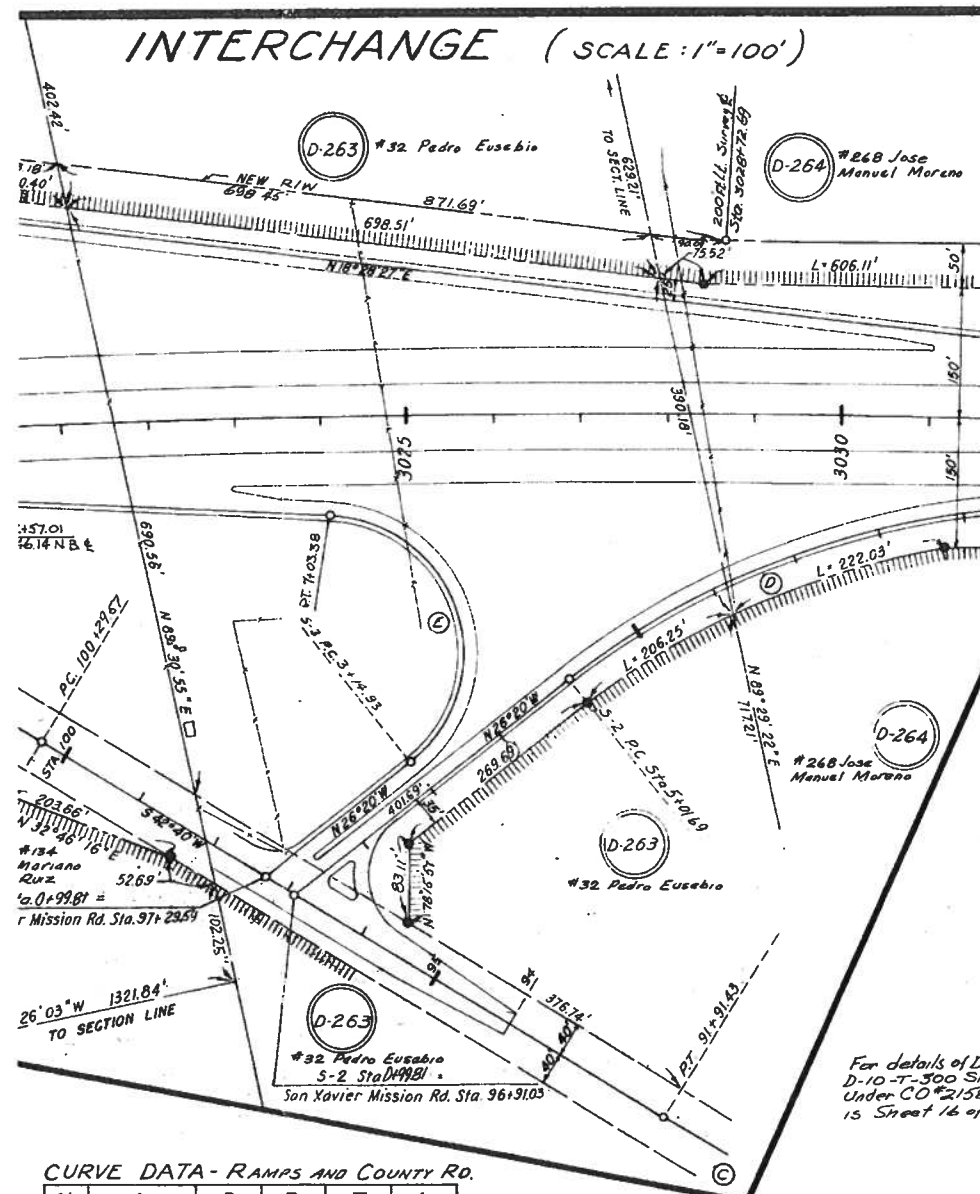


Federal Aid No. 999-M(161)S
ADOT Project No. 999 SW 0 M5180 01P

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CURVE DATA - RAMPS AND COUNTY RD.

No.	Δ	D	R	T	L
A	24°42'30"	6'00'00"	954.93	20915	411.81
B	7°00'00"	1'00'00"	5729.38	35044	700.00
C	44°24'00"	3'00'00"	1909.86	779.40	1480.00
D	38°33'05"	6'00'00"	954.93	333.95	642.52
E	139°06'11"	160'	429.12	388.45	
F	32°18'27"	6'00'00"	954.93	276.60	538.46
G	19°37'36"		1273.24		642.59'
H	38°59'52"	6'00'00"	954.93	338.14	649.96'

For details of D-268A See R/W MAP D-10-T-300 Sheet 15 of 16 revised under CO #2158 BIA application 15 Sheet 16 of 16

MARUM & MARUM CONSULTING ENGINEERS
233 E. SIXTH ST. TUCSON ARIZONA

OWNERSHIP RECORD

ITEM	OWNER	Ally's Number	DESCRIPTION	Acres	Acres	Acres	Acres
D-240	American Smelting & Refining Co.		W 1/2 Sec 35, T16S-R13E GSRB 4M	36.48	284.62		1.61
D-241	Hairs of Josefa Moreno	#80	SW 1/4 Sec 26, T16S-R13E	37.68	123.03		3.13
D-242	- Juan Cozador	#60	W 1/2 NW 1/4 Sec 26, T16S-R13E	18.23	61.94		0.48
D-243	- Sah-Ke-Nah-Tum Graham	#81	SW 1/4 W 1/2 SE 1/4 SW 1/4 NE 1/4 Sec 23, T16S-R13E	18.20	262.84		0.94
D-244	- Maria Grawlin	#98	S 1/4 NW 1/4 Sec 23, T16S-R13E	9.10	71.07		0.32
D-245	- Esperanza Lobo	#247	N 1/2 NW 1/4 Sec 23, T16S-R13E	9.10	71.09		0.89
D-246	- Jose Lobo	#246	SW 1/4 W 1/2 SE 1/4 Sec 14, T16S-R13E	18.20	222.27		1.91
D-247	- Paulina Rios	#15	SW 1/4 NW 1/4 Sec 14, T16S-R13E	9.10	31.00		0.21
D-248	- Andres Rios	#248	S 1/2 SW 1/4 Sec 11 NW 1/4 NW 1/4 Sec 14, T16S-R13E	18.20	102.12		0.65
D-249	- Jose Juan et al	#124	NW 1/4 SW 1/4 Sec 11, T16S-R13E	9.10	30.99		0.79
D-250	- Manuel Juan	#125	W 1/2 NW 1/4 Sec 11, T16S-R13E	18.22	61.97		0.99
D-251	- Pablo Salvis	#199	SW 1/4 NW 1/4 W 1/2 SW 1/4 Sec 2, T16S-R13E	27.20	92.40		1.97
D-252	- Rancho Guah-C-Gah-Lu et al		Lot 4, Sec 2, T16S-R13E	13.15	44.83		2.24
D-253	Tribal Lands		S 1/2 SW 1/4 SW 1/4 Sec 35, T15S-R13E GSRB 4M	4.56	15.90		
D-254	Hairs of Francisco Rios	#5	N 1/2 SW 1/4 NW 1/4 Sec 35, T15S-R13E	4.57	15.88		0.28
D-255	- Ascension Rios	#1	S 1/2 NW 1/4 SW 1/4 Sec 35, T15S-R13E	4.57	15.58		0.25
D-256	Mary Johnson (Mrs. L. B. Johnson)		S 1/2 SW 1/4 NW 1/4 W 1/2 SW 1/4 Sec 35, T15S-R13E	9.14	31.20		0.05
D-257	Hairs of Jose Juan Ortiz	#219	W 1/2 NW 1/4 NW 1/4 Sec 35, T15S-R13E	8.96	10.80		1.49
D-258	- Jose Ignacio	#130	W 1/2 SW 1/4 SW 1/4 Sec 26, T15S-R13E	9.22	10.96		1.54
D-259	- Manuel Lopez	#121	W 1/2 NW 1/4 SW 1/4 Sec 26, T15S-R13E	9.05	10.85		1.50
D-260	- Jose Ignacio Hooper	#204	W 1/2 SW 1/4 NW 1/4 Sec 26, T15S-R13E	9.14	10.93		
			Por NW 1/4 NW 1/4 Sec 26, T15S-R13E	1.01	13.35		
			Por Sec 22, 23, 24, 27 T15S-R13E, S of S. X. Mission Rd	2.62	5.32		0.17
D-261	Midvale Farms Company		Por SW 1/4 Sec 14, T15S-R13E	5.16	49.97		0.46
			Por Sec 23, T15S-R13E, N. of S. X. Mission Rd	0.89	2.17		0.39
D-262	Hairs of Mariano Ruiz	#134	Por Lot 5, Sec 23, T15S-R13E (New Lot 4)	10.52	19.08		
D-263	- Pedro Eusebio	#32	S 1/2 N 1/2 SW 1/4 Sec 23, T15S-R13E	10.16	28.18		
D-264	- Jose Manuel Moreno	#268	N 1/2 NW 1/4 SW 1/4 Sec 23, T15S-R13E	5.84	32.73		
D-265	- Marcus Avila	#273	E 1/2 SW 1/4 NW 1/4 Sec 23, T15S-R13E	9.93	9.73		
D-266	- Benito Aros	#260	N 1/2 SE 1/4 NW 1/4 Sec 23, T15S-R13E	1.10	18.98		
D-267	- Copan Santos	#262	E 1/2 Lot 4, Sec 23, T15S-R13E (New Lot 8)	1.44	18.61		
D-268	- Jesus Santos	#259	Lots 1, 2, 3, Sec 23, T15S-R13E (New Lots 12, 13)	8.56	109.89		
D-269	Felix & Maria Ojillos NW		Por SW 1/4 Sec 14, T15S-R13E	7.98	18.04		
D-339	Betty Crews Hatfield (DRD) Edgar & Leota Pruitt (PC)		Por SW 1/4 Sec 14, T15S-R13E	4.72	12.54		0.44
D-271	Hairs of Antonio Marced	#169	Por NW 1/4 Sec 26, T15S-R13E	8.50	15.56		
			Por SW 1/4 Sec 14, T15S-R13E	3.17	6.87		
D-711	Hairs of Jose Juan Cristobal		Por E 1/2 NE 1/4 NE 1/4 Sec 27, T15S-R13E	0.18	18.13		
D-780	- Martin Rios		SE 1/4 SW 1/4 Sec 35 T 15 S R 13 E				10.12
D-781	- Ramon Castro		NW 1/4 SE 1/4 Sec 35 T 15 S R 13 E				6.96
D-782	- Pedro Rios		SW 1/4 SE 1/4 Sec 35 T 15 S R 13 E				8.31
D-783	- Leonardo Rios		NE 1/4 SE 1/4 Sec 35 T 15 S R 13 E				5.25
D-784	- Jesus Santos		Half Lot 7 - Sec 23 T15S R13E	0.82	18.70		

**ARIZONA HIGHWAY DEPARTMENT
RIGHT OF WAY DIVISION**

RIGHT OF WAY MAP OF
TUCSON-NOGALES HWY
Pima Mine Rd. - Valencia Rd.
State Route No. 93
FEDERAL AID PROJECT I-19-1(20)
FROM STATION 2632+10.44 TO STATION 3089+97.11
Pima County

ALIGNMENT, RIGHT OF WAY WIDTHS, AND CONTROL OF ACCESS,
APPROVED IN ACCORDANCE WITH HIGHWAY PLANS.
DATE: 12-14-46
A. B. Lawrence
ASSISTANT STATE ENGINEER
APPROVED IN ACCORDANCE WITH RESOLUTION DATED
JAN. 25 1947 MINUTES OF THE #62-61
ARIZONA HIGHWAY COMMISSION.
CONTROL OF ACCESS SHOWN THUS

DRAWN BY: J. R. Van Horn
DATE: 12-14-46
SCALE: AS SHOWN
CHECKED BY: J. R. Van Horn
APE NO: 8995
DRAWING NUMBER: C-10-T-300

ARIZONA HIGHWAY DEPARTMENT
TUCSON-NOGALES HIGHWAY
San Xavier Papago Indian Reservation
Right of Way Map

Application for highway right of way, varying in width, also any and all new drainage easements as delineated on the attached map, on the Tucson-Nogales Highway, Project I-19-1(20)

ARIZONA HIGHWAY DEPARTMENT
K. R. Van Horn
State Highway Engineer

United States Department of the Interior
Bureau of Indian Affairs
Papago Indian Agency
Sells, Arizona

This map is hereby approved only in-so-far as it pertains to trust and restricted lands of the San Xavier Papago Indian Reservation pursuant to the provisions of the Act of February 5, 1948 (62 Stat. 17) and Departmental Regulations Title 25 C.F.R. 151, subject to any prior valid existing right or adverse claim.

Date: Sept. 16, 1965
Superintendent

ENGINEER'S AFFIDAVIT

STATE OF ARIZONA } ss
COUNTY OF MARICOPA }
Um N. Price being first duly sworn, deposes and states that he is the Deputy Engineer for the State Engineer; that the survey was made by him (or under his direction); that he has examined the field notes of the survey for a right of way varying in width as described and shown on this map; and that said right of way, 8.67 miles in length, beginning at Highway Engineer's Station 2632+10.44 and ending at Highway Engineer's Station 3089+97.11 is accurately located on this map.

STATE OF ARIZONA
ARIZONA HIGHWAY DEPARTMENT
Deputy State Engineer

Subscribed and sworn to before me this 13th day of 1965.
Notary Public in and for the County of Maricopa, State of Arizona

APPLICANT'S CERTIFICATE

I, J. R. Van Horn do hereby certify that I am the State Highway Engineer for the Arizona Highway Department, hereinafter designated the applicant; that Um N. Price who subscribed to the foregoing affidavit, is employed by the applicant as a Deputy State Engineer and he was directed by the applicant to prepare this map; that the location of said right of way, 8.67 miles in length beginning at Highway Engineer's Station 2632+10.44 and ending at Highway Engineer's Station 3089+97.11, is accurately represented on this map; that such survey as represented on this map has been adopted by the applicant as the definite location of the right of way thereby shown; and that the map has been prepared to be filed for the approval of the Secretary of the Interior or his duly authorized representative as part of the application for said right of way to be granted the applicant, its successors and assigns, with the right to construct, maintain, and repair improvements, thereon and thereover, for such purposes, and with further right in the applicant, its successors and assigns, to transfer this right of way by assignment, grant, or otherwise.

Date: Dec. 18, 1962

FINALIZE

This Map was used as application for land through Papago Indian Reservation. See Drwg. D-10-T-300, Sheets 1 thru 16 for R/W Maps Concerning this Project [I-19-1(20)].

Date Pay Received	1.61
1.61	
3.13	
0.48	
0.94	
0.32	
0.83	
1.91	
0.21	
0.65	
0.79	
0.99	
1.97	
2.24	
0.28	
0.72	
0.25	
.05	
1.49	
1.54	
1.50	
0.17	
0.46	
0.39	
0.44	
10.12	
6.96	
3.31	
5.25	

ARIZONA HIGHWAY DEPARTMENT
TUCSON-NOGALES HIGHWAY
San Xavier Papago Indian Reservation
Right of Way Map

Application for highway right of way, varying in width, also any and all new drainage easements as delineated on the attached map, on the Tucson-Nogales Highway, Project I-19-1(8)

ARIZONA HIGHWAY DEPARTMENT

J. R. Van Horn
State Highway Engineer

United States Department of the Interior
Bureau of Indian Affairs
Papago Indian Agency
Sells, Arizona

This map is hereby approved only in-so-far as it pertains to trust and restricted lands of the San Xavier Papago Indian Reservation pursuant to the provisions of the Act of February 5, 1948 (62 Stat. 17) and Departmental Regulations Title 25 C.F.R. 161, subject to any prior valid existing right or adverse claim.

Date Sept. 16, 1965
John J. Gentry
Superintendent

ENGINEER'S AFFIDAVIT

STATE OF ARIZONA }
COUNTY OF MARICOPA } ss

Um N. Price being first duly sworn, deposes and states that he is the Deputy Engineer for the State Engineer; that the survey was made by him (or under his direction); that he has examined the field notes of the survey for a right of way varying in width as described and shown on this map; and that said right of way, 8.67 miles in length, beginning at Highway Engineer's Station 2632+10.44 and ending at Highway Engineer's Station 3089+97.11 is accurately located on this map.

STATE OF ARIZONA
ARIZONA HIGHWAY DEPARTMENT
R. H. Price
Deputy State Engineer

Subscribed and sworn to before me this 13th day of March, 1962.

My Commission Expires 10/22-64

Edith Coleman
Notary Public in and for the County of Maricopa, State of Arizona

RW/PLANS
FILE SET

APPLICANT'S CERTIFICATE

I, J. R. Van Horn, Engineer for the Arizona Highway Department, do hereby certify that I am the State Highway Engineer for the Arizona Highway Department, hereinafter designated the applicant; that Um N. Price who subscribed to the foregoing affidavit, is employed by the applicant as a Deputy State Engineer and he was directed by the applicant to prepare this map; that the location of said right of way, 8.67 miles in length beginning at Highway Engineer's Station 2632+10.44 and ending at Highway Engineer's Station 3089+97.11, is accurately represented on this map; that such survey as represented on this map has been adopted by the applicant as the definite location of the right of way thereby shown; and that the map has been prepared to be filed for the approval of the Secretary of the Interior or his duly authorized representative as part of the application for said right of way to be granted the applicant, its successors and assigns, with the right to construct, maintain, and repair improvements, thereon and thereafter, for such purposes, and with further right in the applicant, its successors and assigns, to transfer this right of way by assignment, grant, or otherwise.

Date Mar. 13, 1962

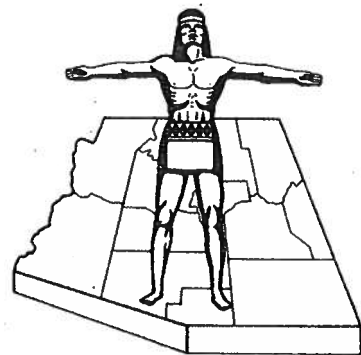
J. R. Van Horn
State Highway Engineer

FINALIZE

This Map was used as application for land through Papago Indian Reservation.

See Drwg. D-10-T-300, Sheets 1 thru 16 for R/W Maps Concerning this Project [I-19-1(8)].

Finalized CO. 3781 12-19-73



STATE OF ARIZONA
STATE HIGHWAY DEPARTMENT



RIGHT OF WAY PLAN OF THE
TUCSON-NOGALES HWY.
STATE HIGHWAY
PROJECT NO. I-19-1(8)49
PIMA COUNTY

**RW/PLANS
FILE SET**

Replaced 06/09/06 MDC

FINALIZED

FED. ROAD DIST. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	ARIZ.	I-19-1(8)49	1	16

RIGHT OF WAY MAP NOD-10-T-300

ALIGNMENT, RIGHT OF WAY, AND CONTROL OF ACCESS APPROVED IN ACCORDANCE WITH HIGHWAY PLANS.

DATE 12-18-61 *[Signature]*
ASSISTANT STATE ENGINEER

APPROVED IN ACCORDANCE WITH RESOLUTION DATED: DEC. 15, 1961, MINUTES OF THE ARIZONA HIGHWAY COMMISSION REG. NO. 68-41

A.F.E. NO. 8998

DRAINAGE EASEMENTS AS SHOWN ON SHEET 14 APPROVED IN ACCORDANCE WITH HIGHWAY PLANS

DATE _____ ASSISTANT STATE ENGINEER

CO 5781 V8/979 MRR/LS Finalized

**RW/PLANS
FILE SET**

RECEIVED
JAN 22 1976
R/W PLANS
PHOENIX, ARIZONA

ARIZONA HIGHWAY COMMISSION
APPROVED FOR ACQUISITION OF DRAINAGE EASEMENTS AS SHOWN ON SHEET 14.
STATE HIGHWAY ENGINEER

DEPUTY STATE ENGINEER _____ DATE _____

ARIZONA HIGHWAY COMMISSION
APPROVED
STATE HIGHWAY ENGINEER
[Signature] DATE _____
DEPUTY STATE ENGINEER _____ DATE _____

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____ DIVISION ENGINEER _____ DATE _____

MAP REVISIONS

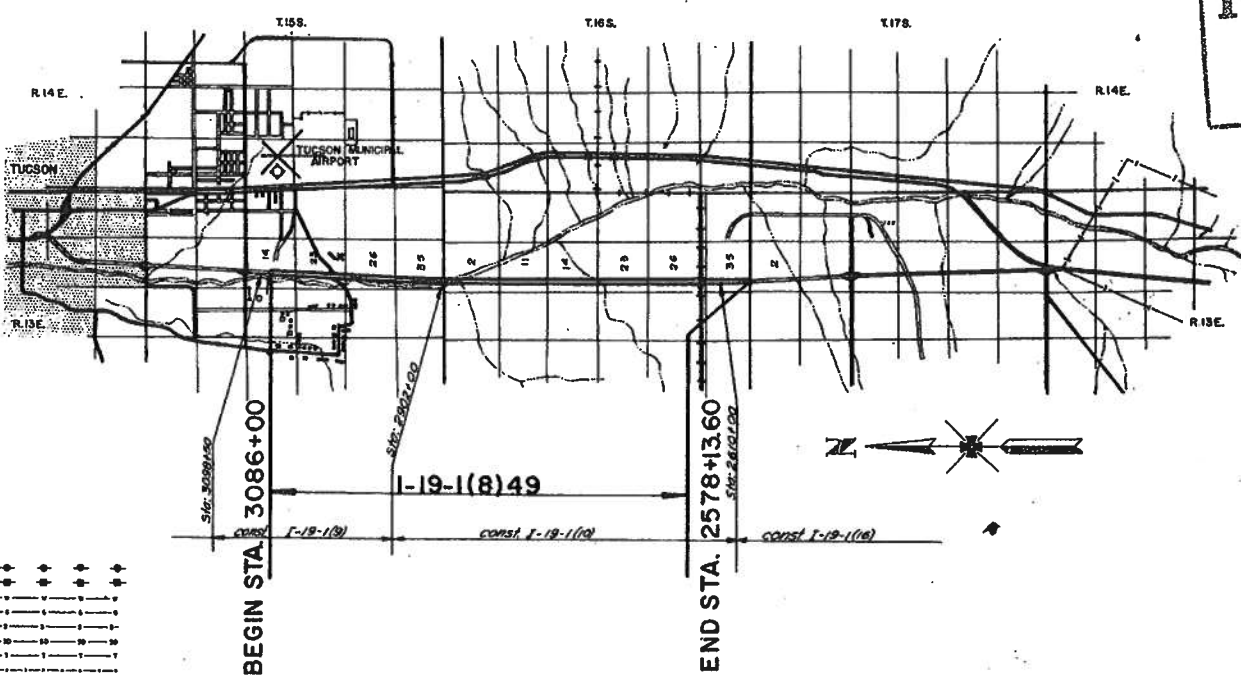
DATE	NAME	DESCRIPTION
12-28-61	G. Cox	Changed Const Easement Line to R/W Line Sta 2017000 to 2025000 Sheets 12 & 13
12-28-61	G. Cox	Revised Area Items D-261, D-262, D-263, D-264, D-265, D-267
1-2-62	G. Cox	Plotted Changes from Prelim. R/W Plans - Sheet 2 & 15
1-9-62	Dick C.	Changed R/W Easement 50' to R/W Easement 40' of Added New R/W on Sheet 7
2-17-62	Wences	Checked Title of Items D-261 to 268 Changed into 1 Item D-267 D-268 Calc New R/W
3-9-62	L. Draper	Added Items D-269, D-270, D-271, D-272, D-273, Added New Ownership Sheet 1 Added Easement Area Station to All Structures Plans
9-17-63	Waller	Changed Const. Base to New R/W Sta 2025
9-25-63	Waller	Corrected Title of Remarks Items D-263, 264, 265, 266, 267, 268
2-20-69	P. Todd	Changed Total No. of Sheets from 15 to 16.

NOTE:
THE SOLID DOT, AS SHOWN BELOW, DOES NOT DESIGNATE A R/W MARKER BUT REPRESENTS AN ANGLE POINT OR CHANGE OF DIRECTION IN THE R/W LINE & IS FOR OFFICE USE ONLY



CONVENTIONAL SIGNS

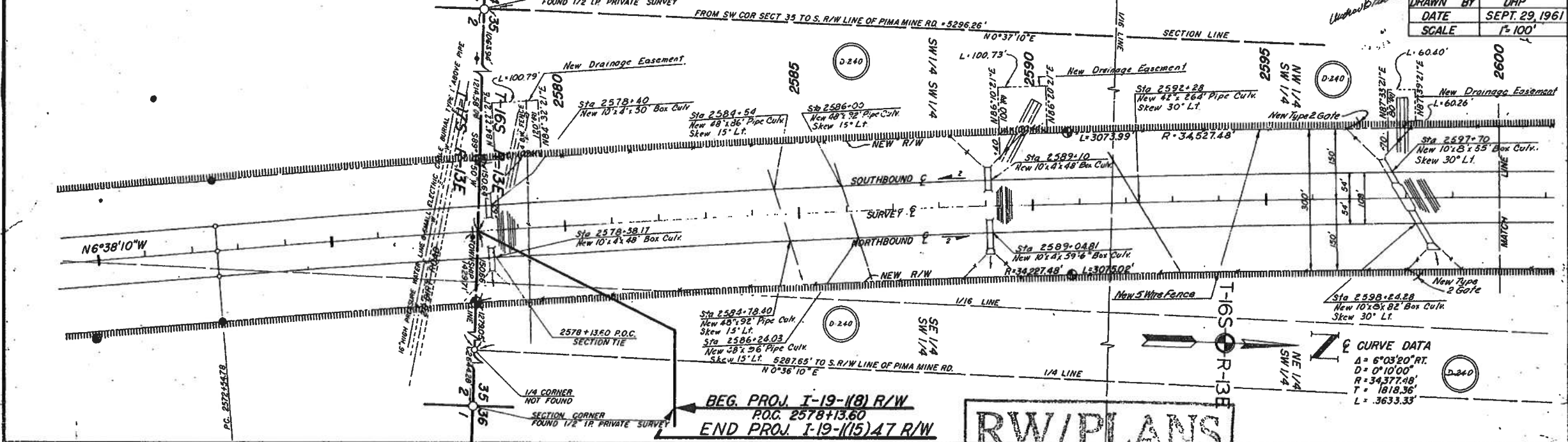
HIGHWAY CENTER LINE	TELEPHONE LINE
STATE AND NATIONAL LINES	POWER LINE
CITY LIMITS	WATER LINE
COUNTY LINE	GAS LINE
TOWNSHIP AND RANGE LINES	SEWER LINE
SECTION LINE	STORM DRAIN
HIGHWAY R/W LINE (NEW)	UNDERGROUND TEL. CABLE
RAILROAD R/W LINE	BARBED WIRE FENCE & OTHER
PROPERTY LINE	CHAIN LINK FENCE
LOT AND PROPERTY LINE (WITHIN EXISTING R/W)	POWER TRANSMISSION LINE
RAILROAD	TELEPHONE & POWER LINE
COMMON R.R. AND HWY R/W LINE	POWER POLE WITH TRANSFORMER
ACCESS TO BE DENIED	DOWN GUY
ACCESS OPEN	LIGHT POLE
PARCEL ITEM No's	FIRE HYDRANT
FOREST, NAT'L MONUMENTS, AND INDIAN BOUNDARIES	WATER METER
LAND GRANT BOUNDARY	WATER VALVE
R/W MARKER	MANHOLE
HIGHWAY R/W LINE (EXISTING)	EXIST. ROAD OR TRAVELED WAY
SUBDIVISION OR LOT LINE	GAS METER
	GAS VALVE



FINALIZED

NOGALES-TUCSON HWY.
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY

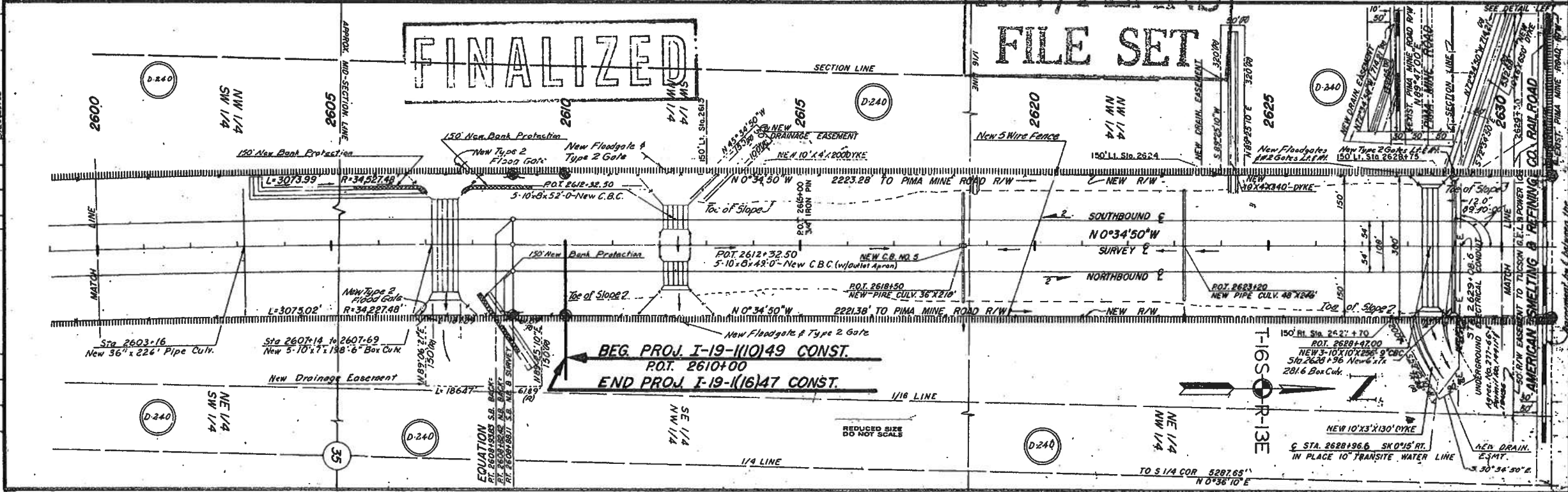
MARUM & MARUM CONSULTING ENGINEERS 137 E. SIFTH ST. TUCSON, ARIZONA		PROJECT NO. I-19-11(18)49
DESIGNED BY	1716	DRAWING NO. D-107-300
CHECKED BY		SHEET NO. 3 of 16
DATE	SEPT. 29, 1961	DRAWN BY DHP
SCALE	1" = 100'	



BEG. PROJ. I-19-11(18)49 R/W
P.O.C. 2578+13.60
END PROJ. I-19-11(15)47 R/W

RW/PLANS
FILE SET

FINALIZED



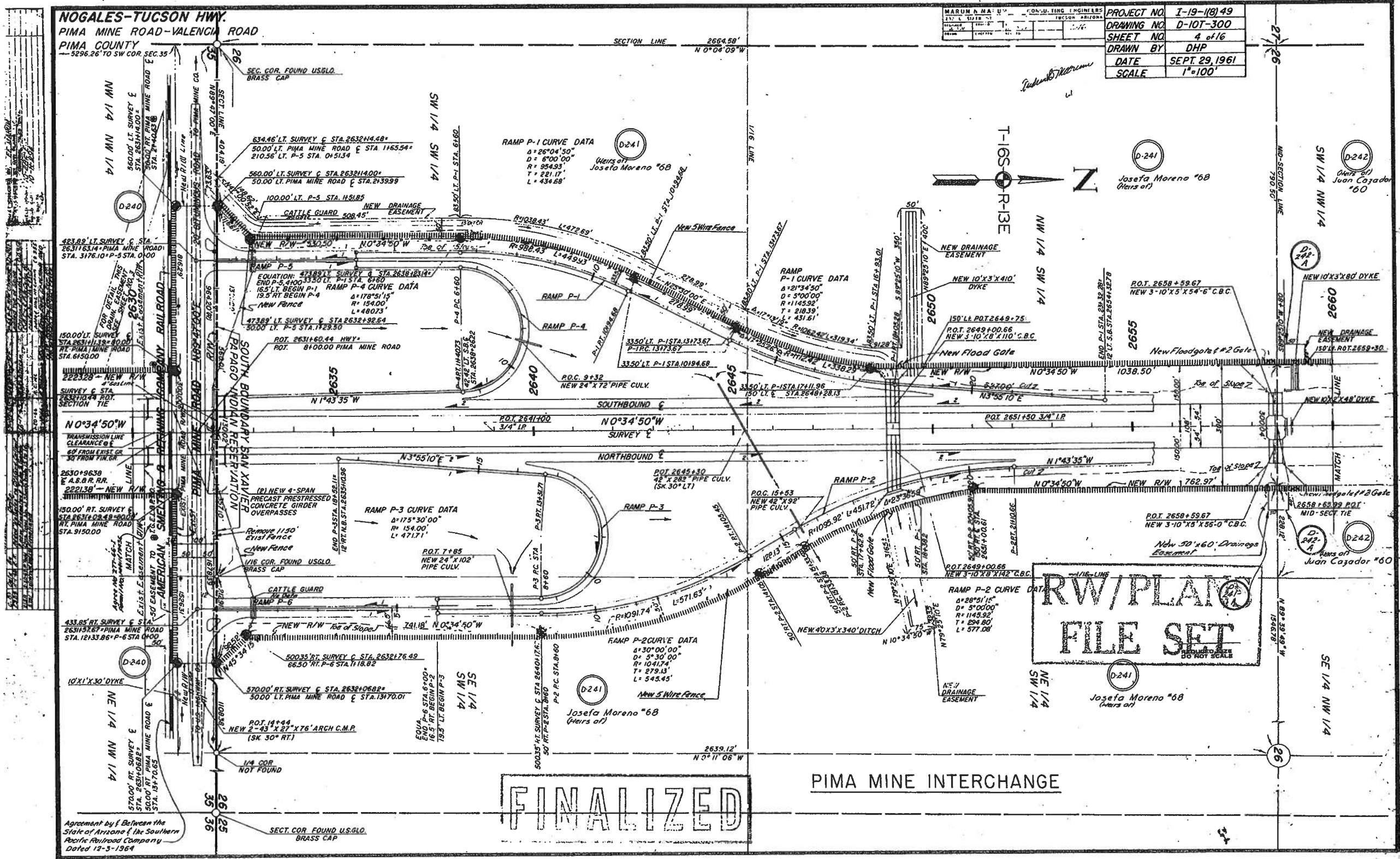
BEG. PROJ. I-19-11(10)49 CONST.
P.O.T. 2610+00
END PROJ. I-19-11(16)47 CONST.

T-16S-R-13E

NOGALES-TUCSON HWY.
PIMA MINE ROAD-VALENCIA ROAD
 PIMA COUNTY

MARUM & M... 217 E MAIN ST TUCSON, ARIZONA	CON. ENGINEERS TUCSON, ARIZONA
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PROJECT NO.	I-19-118) 49
DRAWING NO.	D-101-300
SHEET NO.	4 of 16
DRAWN BY	DHP
DATE	SEPT. 29, 1961
SCALE	1"=100'

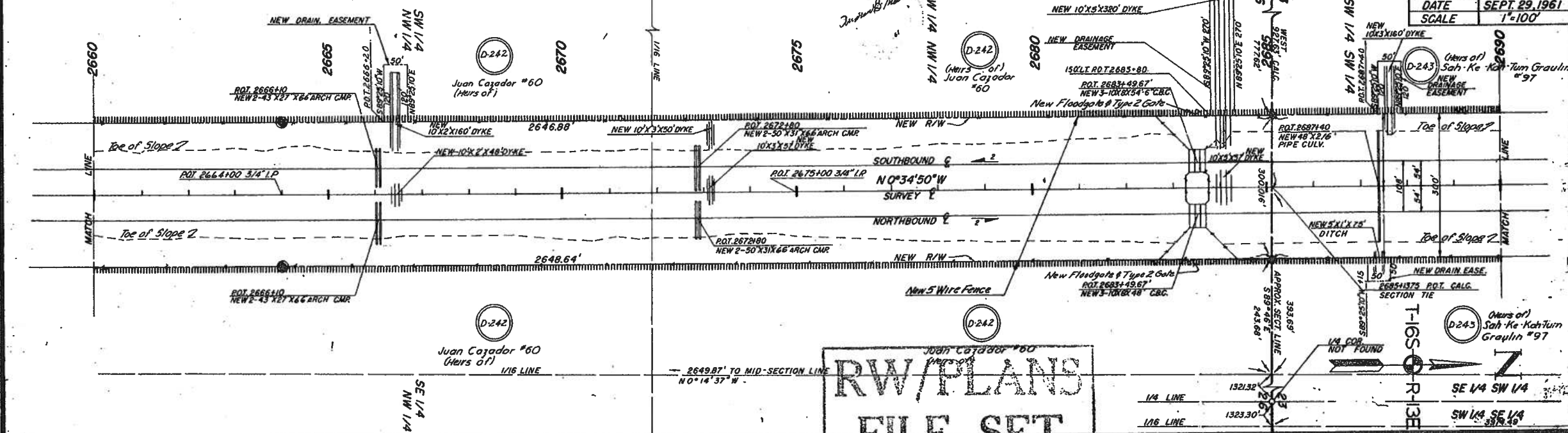


Agreement by & Between the State of Arizona & the Southern Pacific Railroad Company Dated 12-3-1964

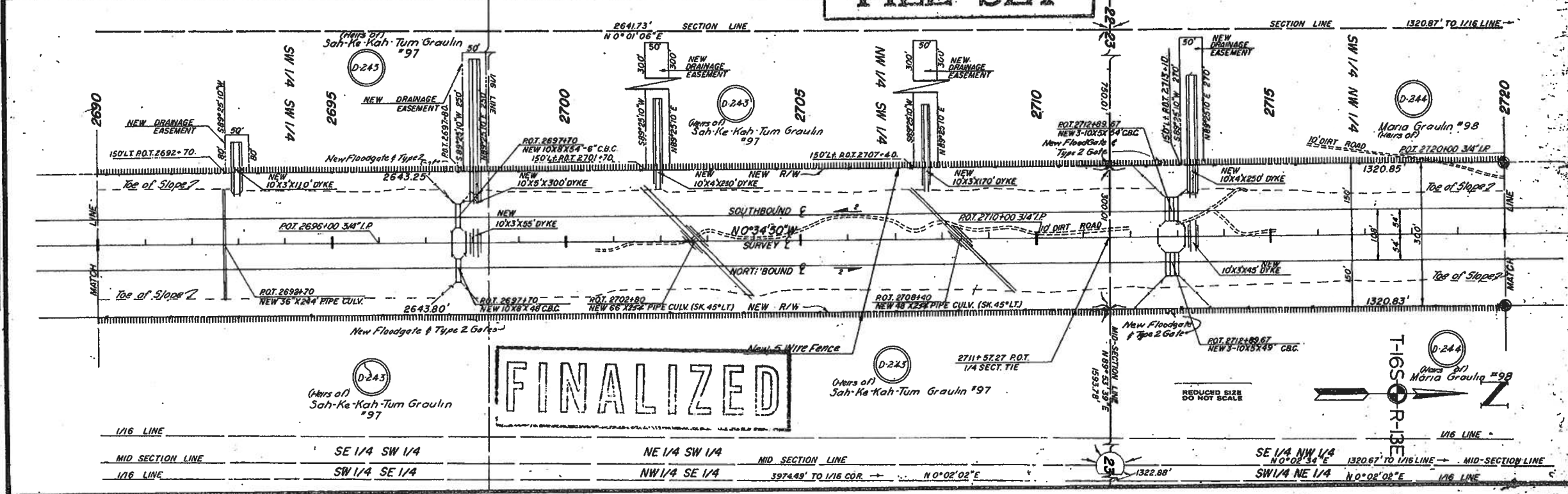
NOGALES-TUCSON HWY.
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY

MARUM & MARUM CONSULTING ENGINEERS
133 E. BISHOP ST.
TUCSON, ARIZONA
1916

PROJECT NO. I-19-1(8)49
DRAWING NO. D-107-300
SHEET NO. 5 of 16
DRAWN BY DHP
DATE SEPT. 29, 1961
SCALE 1"=100'



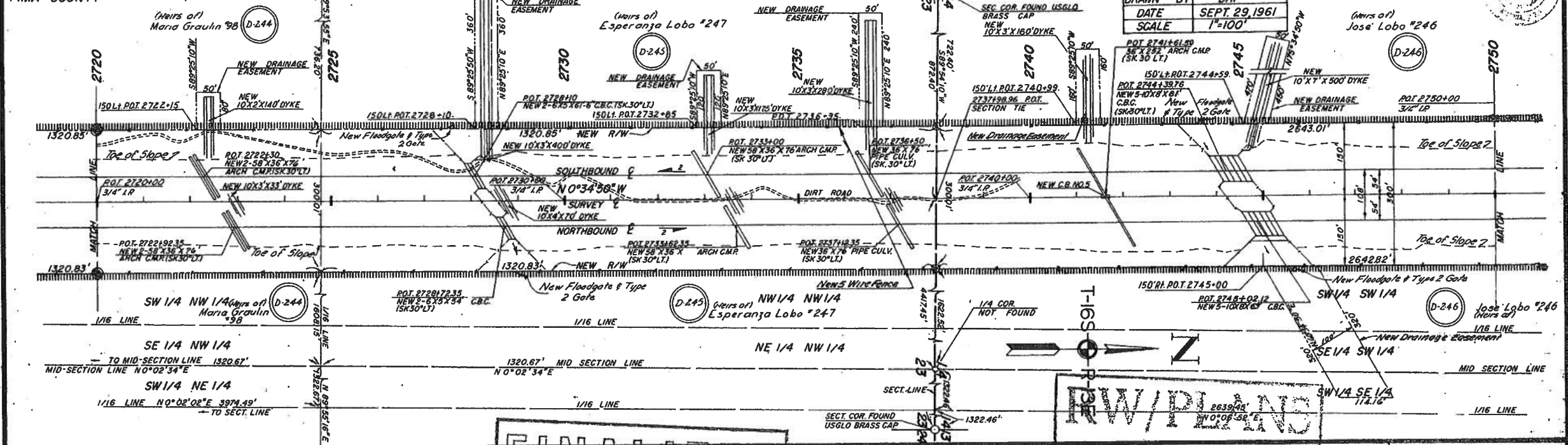
RW/PLANS
FILE SET



FINALIZED

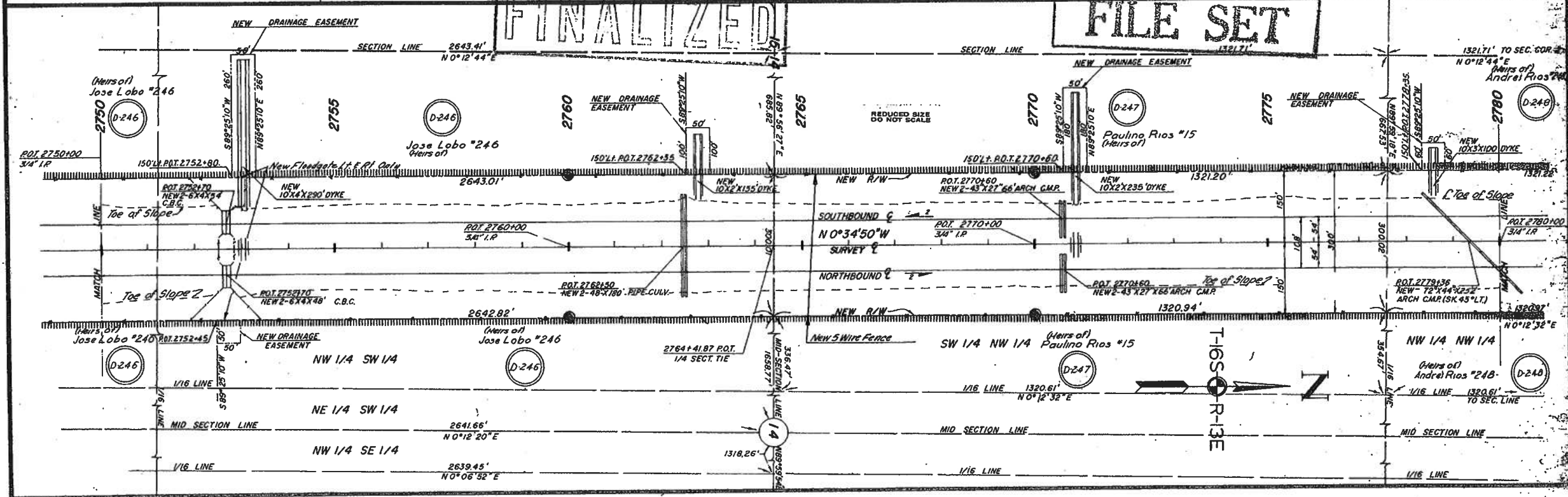
NOGALES-TUCSON HWY.
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY

PROJECT NO	I-19-118149
DRAWING NO	D-10T-300
SHEET NO	6 of 16
DRAWN BY	DHP
DATE	SEPT. 29, 1961
SCALE	1"=100'



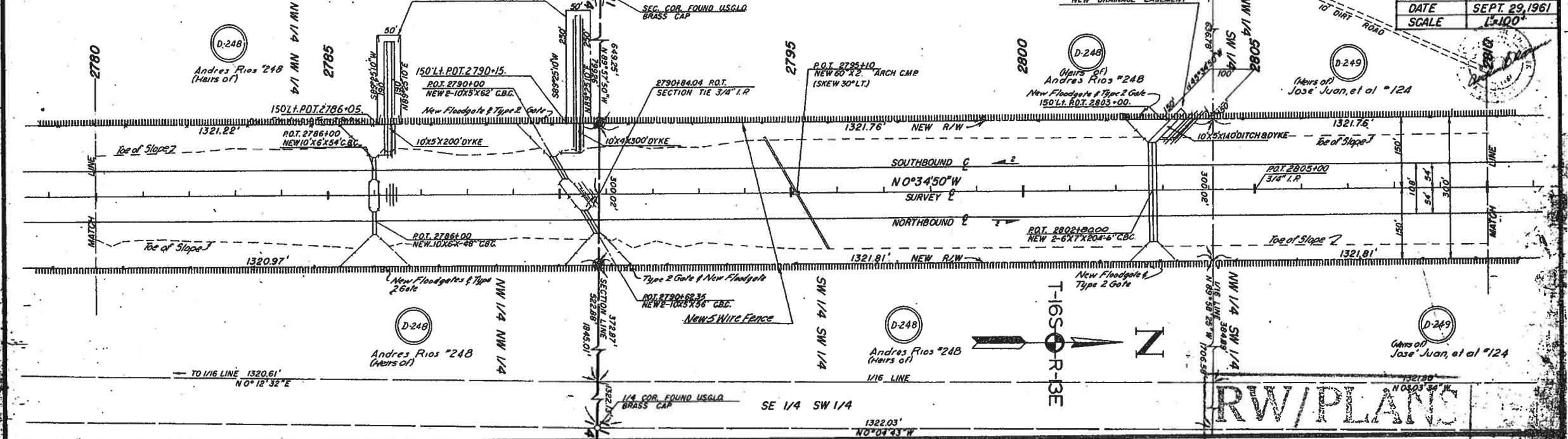
FINALIZED

NEW PLANS
FILE SET

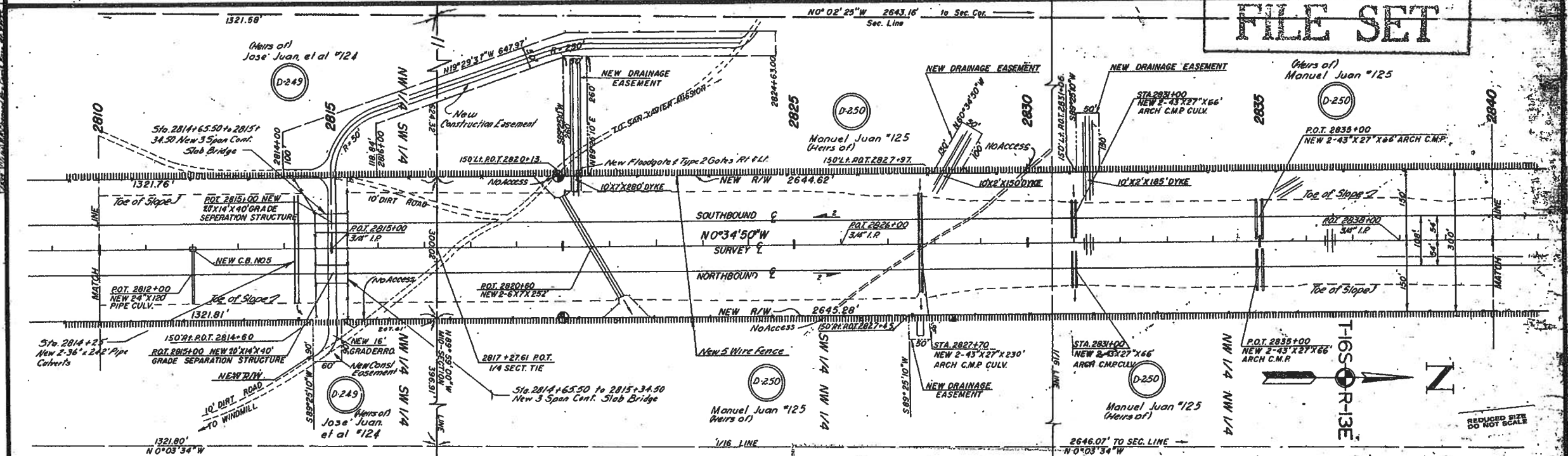


NOGALES-TUCSON HWY.
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY

HARUM & MARUM CONSULTING ENGINEERS TUCSON, ARIZONA		PROJECT NO. I-19-100-49
1916	DRAWING NO. D-107-300	
	SHEET NO. 7 of 16	
	DRAWN BY DHP	
	DATE SEPT. 29, 1961	
	SCALE 1"=100'	



RW/PLANS
FILE SET



FINALIZED

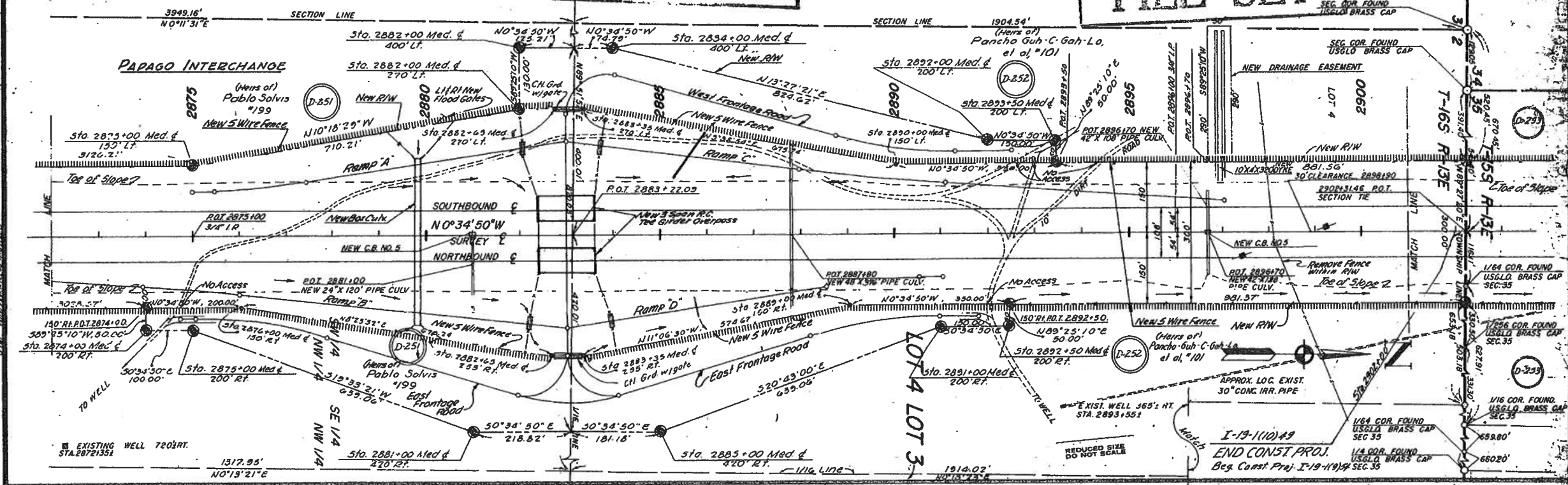
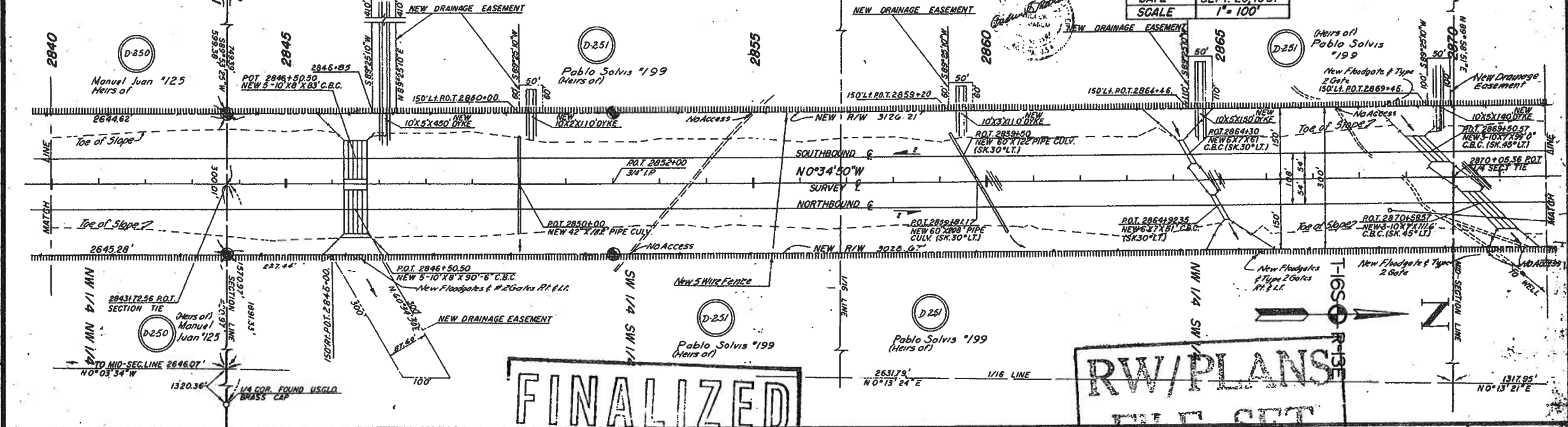
NOGALES-TUCSON HWY.

PIMA MINE ROAD-VALENCIA ROAD

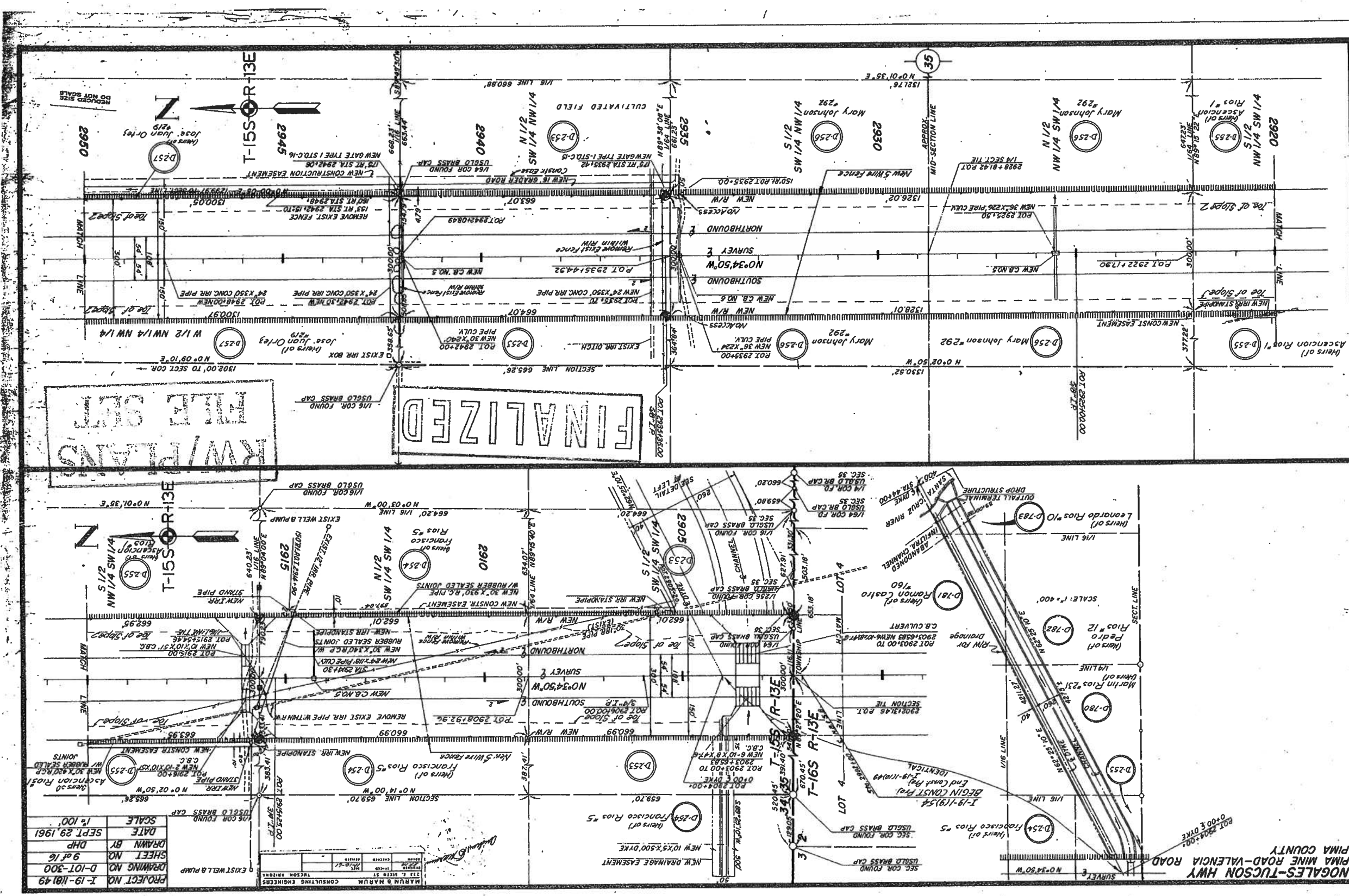
PIMA COUNTY - 2643.16' TO W 1/4 COR. N0°02'25"W

HARUM & HARUM CONSULTING ENGINEERS
231 E. CENTER ST. TUCSON, ARIZONA

PROJECT NO.	I-19-118-49
DRAWING NO.	D-10T-300
SHEET NO.	8 of 16
DRAWN BY	DHP
DATE	SEPT. 29, 1961
SCALE	1" = 100'



1139 1-30-69 (Revised) (Changed Total No. of Sheets from 15 to 16.)



PROJECT NO.	I-19-108149
DRAWING NO.	D-101-300
SHEET NO.	9 of 16
DRAWN BY	DHP
DATE	SEPT 29 1961
SCALE	1"=100'

HARBUN & HARBUN	CONSULTING ENGINEERS
221 E. WERN ST.	TUCSON, ARIZONA
REGISTERED PROFESSIONAL ENGINEER	NO. 1268-C

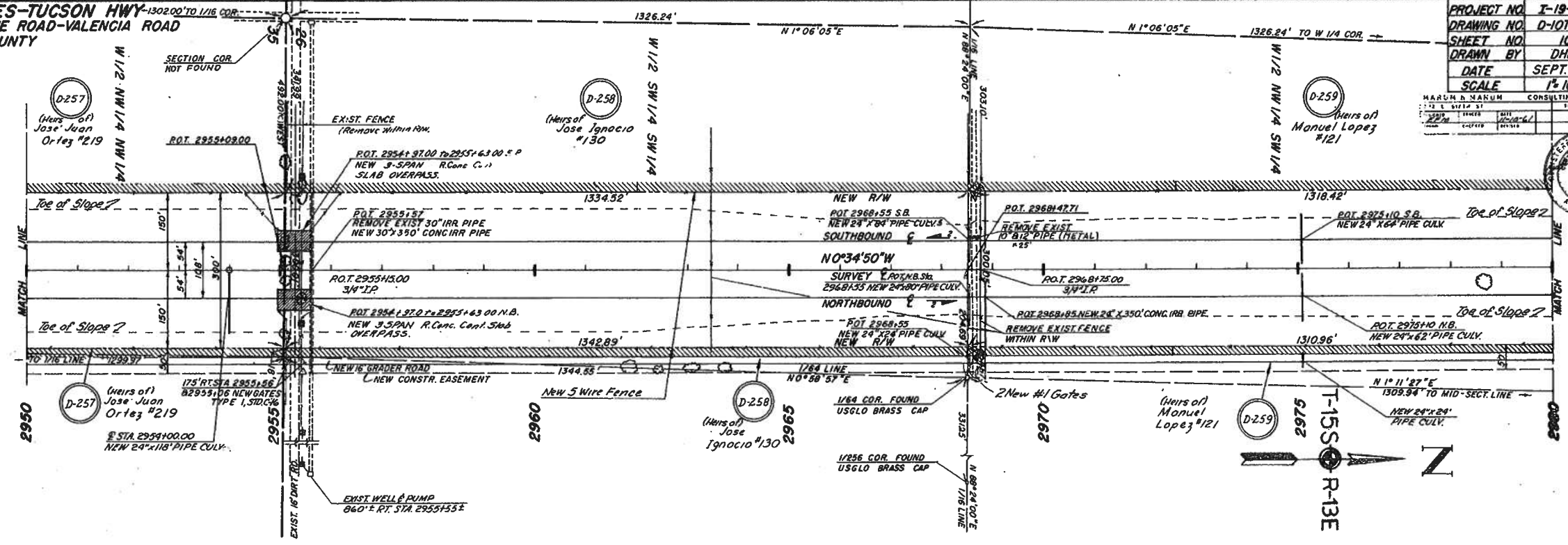
NOGALES-TUCSON HWY
PIMA MINE ROAD-VAENCIA ROAD
PIMA COUNTY

KRW/PLANS
FILE SET

FINALIZED

NOGALES-TUCSON HWY-1302.00 TO 1/16 COR.
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY

PROJECT NO.	T-19-10149
DRAWING NO.	D-101-300
SHEET NO.	10 of 16
DRAWN BY	DHP
DATE	SEPT. 29, 1961
SCALE	1" = 100'
MARION B. MARUM CONSULTING ENGINEERS TUCSON, ARIZONA	
1916	



FINALIZED

**RW/PLANS
FILE SET**

REDUCED SIZE
DO NOT SCALE

DATE	BY	DESCRIPTION
10/1/61	DHP	ISSUED FOR PERMIT
10/1/61	DHP	ISSUED FOR CONSTRUCTION
10/1/61	DHP	ISSUED FOR RECORD
10/1/61	DHP	ISSUED FOR AS-BUILT
10/1/61	DHP	ISSUED FOR FINAL REVIEW
10/1/61	DHP	ISSUED FOR ARCHIVE

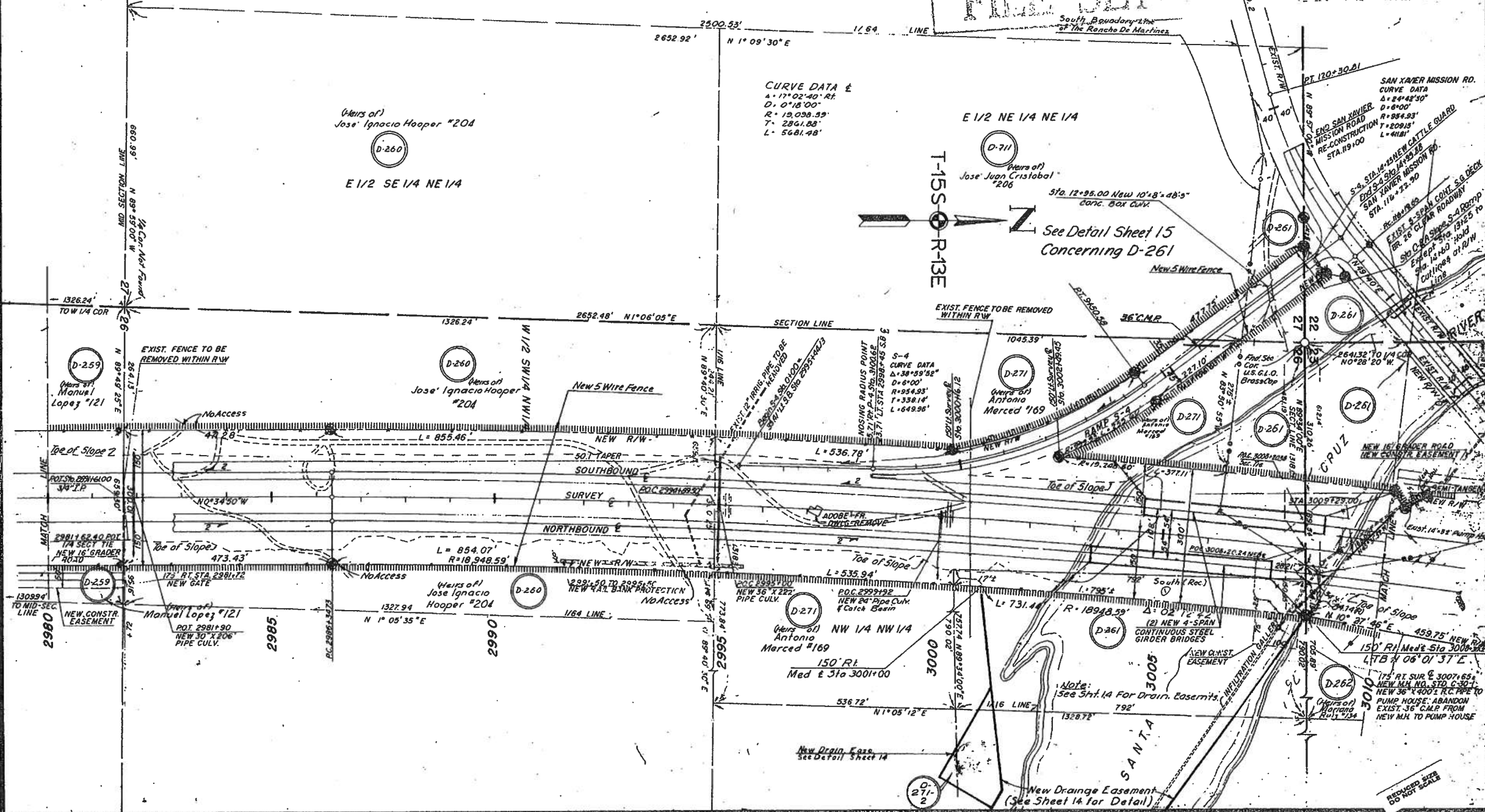
NOGALES-TUCSON HWY
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY

FINALIZED

RW/PLANS
FILE SET

PROJECT NO.	T-19-118149
DRAWING NO.	D-107-300
SHEET NO.	11 of 16
DRAWN BY	DHR
DATE	SEPT. 29, 1961
SCALE	1"=100'

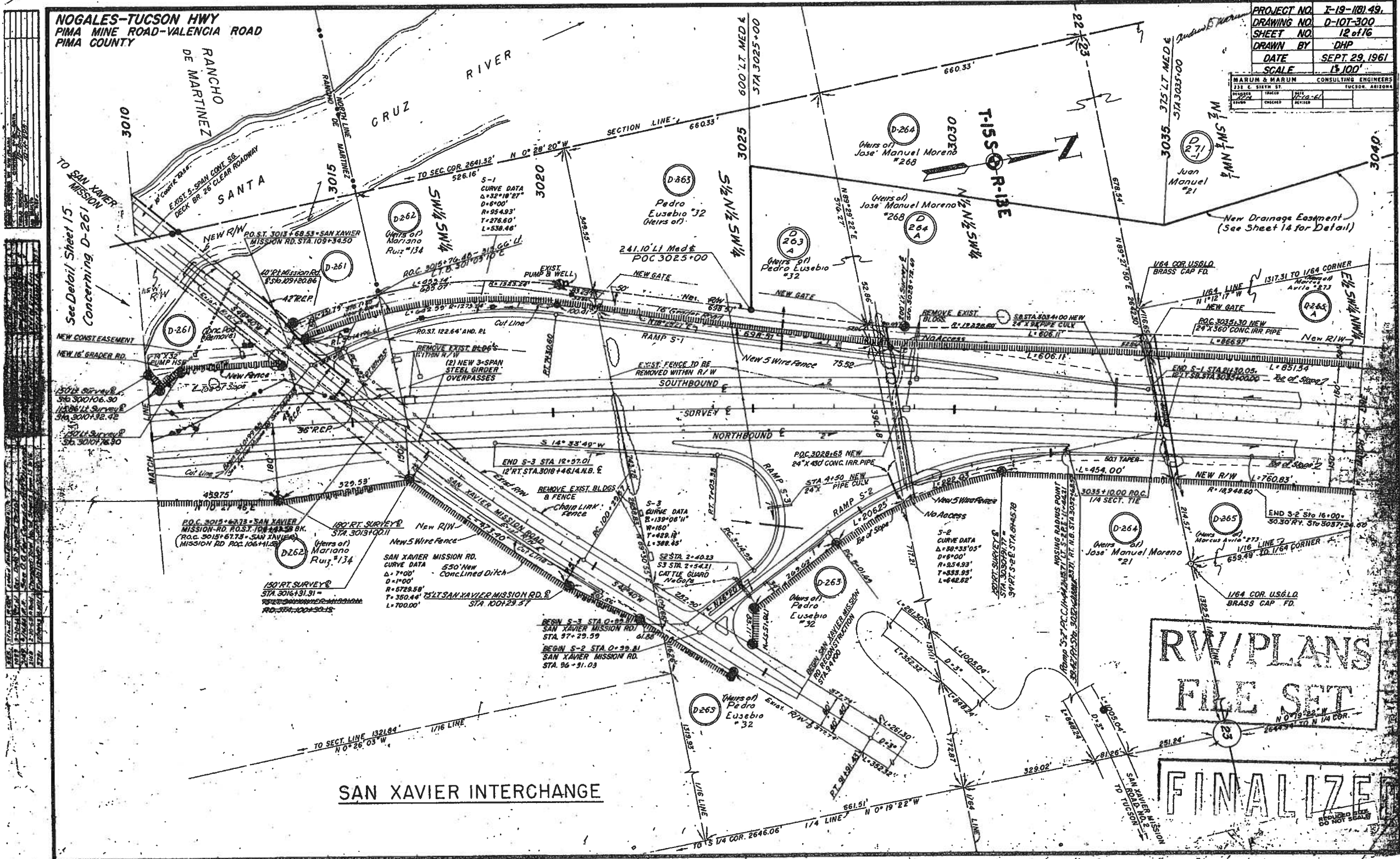
MARUM & MARUM CONSULTING ENGINEERS	
231 E. SIXTH ST. TUCSON, ARIZONA	
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE



NOGALES-TUCSON HWY
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY

PROJECT NO. T-19-18149
DRAWING NO. D-107-300
SHEET NO. 12 of 16
DRAWN BY DHP
DATE SEPT. 29, 1961
SCALE 1" = 100'

MARUM & MARUM CONSULTING ENGINEERS
231 E. SIXTH ST.
TUCSON, ARIZONA



See Detail Sheet 15
Concerning D-261

RW/PLANS
FILE SET

FINALIZED

SAN XAVIER INTERCHANGE

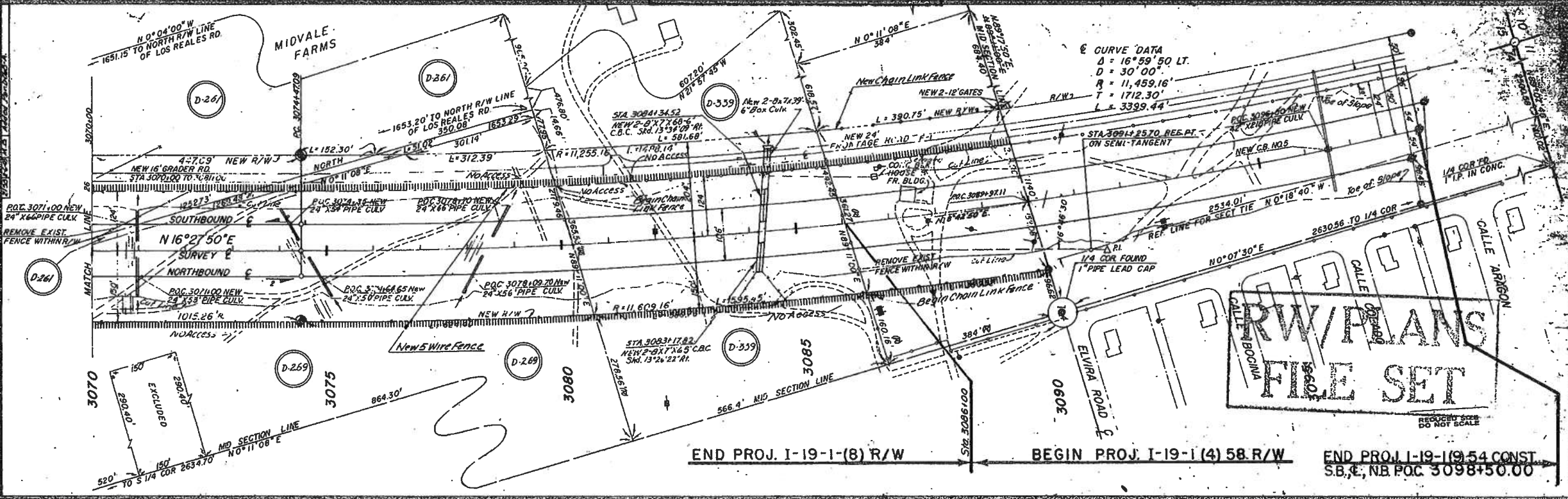
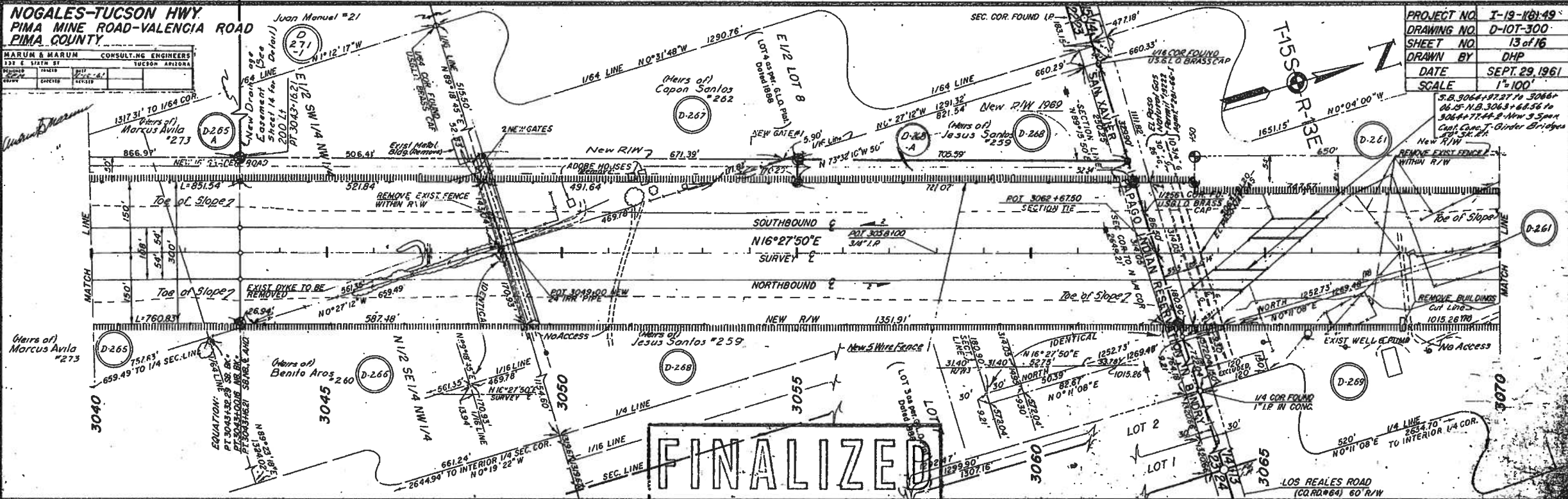
**NOGALES-TUCSON HWY
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY**

MARUM & MARUM CONSULTING ENGINEERS
131 E. STATE ST.
TUCSON, ARIZONA

Juan Manuel #21

PROJECT NO.	I-19-1(8) 49
DRAWING NO.	D-107-300
SHEET NO.	13 of 16
DRAWN BY	DHP
DATE	SEPT. 29, 1961
SCALE	1" = 100'

S.B. 3064+87.27 TO 3066+06.25 N.B. 3063+68.56 TO 3064+77.44 P.W.W. 3.50m
CANT. CURVE TO ORDER BRIDGES

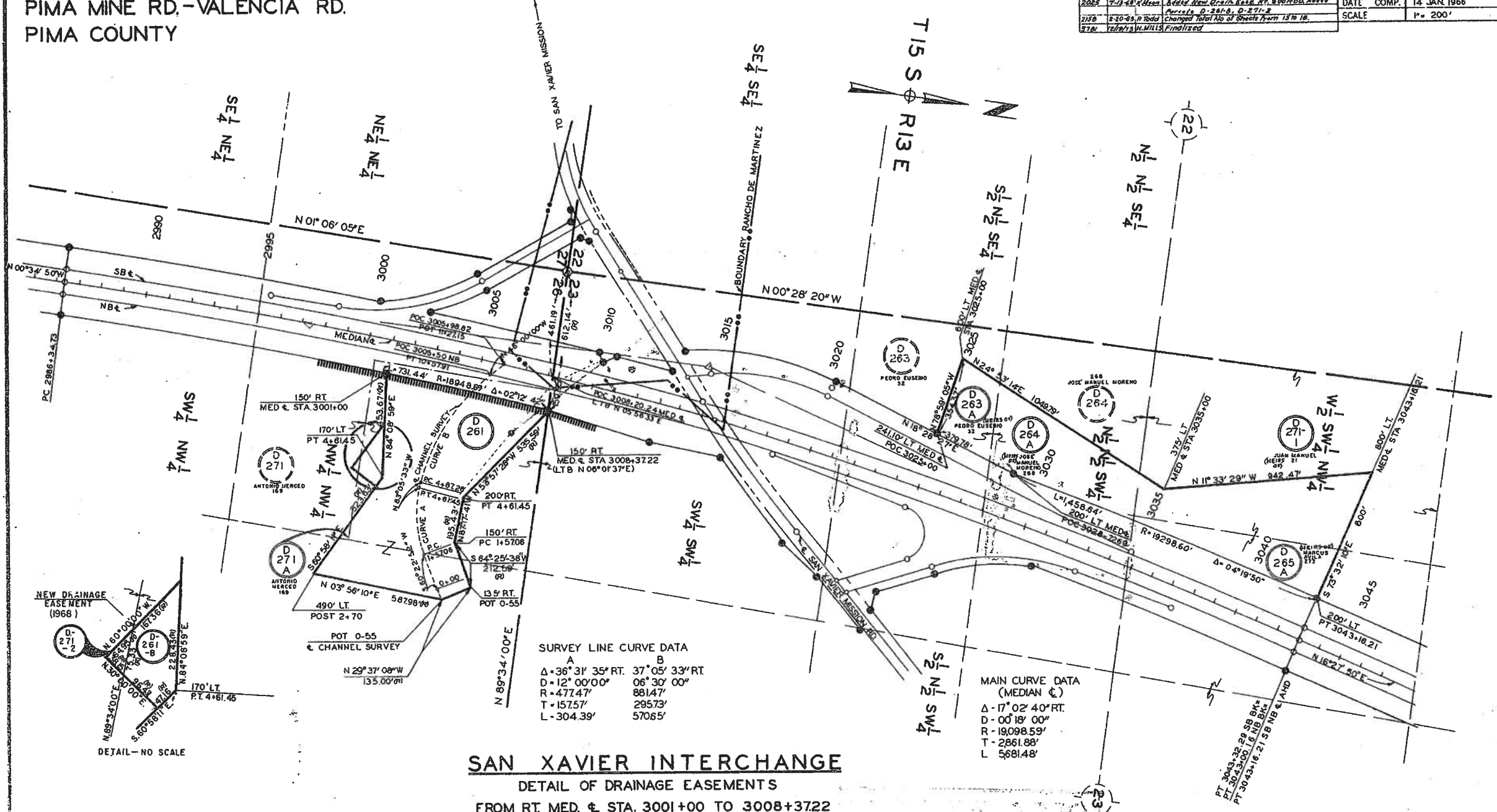


END PROJ. I-19-1(8) R/W BEGIN PROJ. I-19-1(4) 58 R/W END PROJ. I-19-1(9) 54 CONST
SB, E, NB POC 3098+50.00

NOGALES TUCSON HWY.
PIMA MINE RD.-VALENCIA RD.
PIMA COUNTY

REVISIONS		PROJECT NO.
00	NO DATE BY	1-19-11(9) 49
01	11-19-66 RCM	DRAWING NO. D-10-T-300
02	11-19-66 RCM	SHEET NO. 14 OF 16 SHEETS
03	11-19-66 RCM	DRAWN BY R.C. MCALEB
04	11-19-66 RCM	DATE COMP. 14 JAN 1966
05	11-19-66 RCM	SCALE 1" = 200'

CHECKED BY: J.L.F. HILL
HARD COPY: ID-H-295



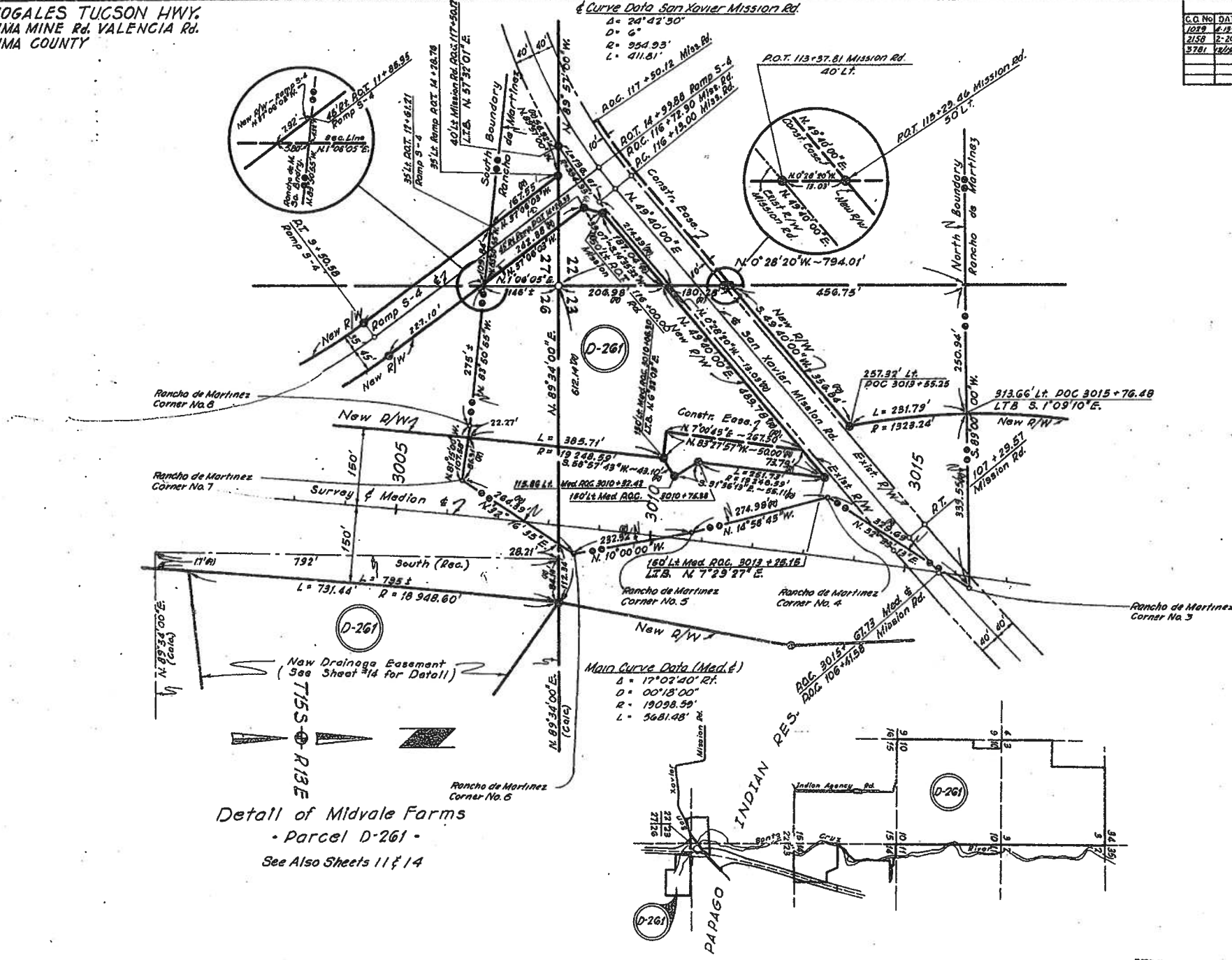
SAN XAVIER INTERCHANGE
DETAIL OF DRAINAGE EASEMENTS
FROM RT. MED. & STA. 3001+00 TO 3008+37.22
AND LT. MED. & STA. 3025+00 TO 3043+16.21

FINALIZED

NOGALES TUCSON HWY.
PIMA MINE Rd. VALENCIA Rd.
PIMA COUNTY

REVISIONS			PROJECT NO.
C.G. No.	DATE	BY	I-19-1(B) 49
			DRAWING NO. D-107-300
1029	4-18-66	BUCK	SHEET NO. 15 of 16
2150	2-20-69	P. TUCK	DRAWN BY F. M. BUCK
3781	12/27/71	MULLS	DATE COMP. 4-13-66
			SCALE 1" = 100'

CHECKED BY...
HARD COPY...



Detail of Midvale Farms
- Parcel D-261 -
See Also Sheets 11 & 14

RW/PLANS
FILE SET

FINALIZED

NOGALES-TUCSON HWY.
PIMA MINE ROAD-VALENCIA ROAD
PIMA COUNTY

REVISIONS				PROJECT NO.	1-19-1(8)49
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-10T-300
2158	2-20-69	PT	Added This Sheet	SHEET NO.	16 of 16
3721	3/15/69	H.M.R.	Finalized	DRAWN BY	P. TODD
				DATE COMP.	2-20-69
				SCALE	

B.I.A. APPLICATION

ENGINEER'S AFFIDAVIT

STATE OF ARIZONA }
COUNTY OF MARICOPA } SS

William N Price being first duly sworn, deposes and states that he is the Deputy State Engineer for the State of Arizona; that the survey of the highway center line was made and that these plans were prepared from field notes of said survey; and that the right of way is 0.132 miles in length, beginning at Station 3055+00 and ending at Station 3062+00, and said right of way is accurately delineated on the plans attached.

William N Price
Deputy State Engineer

Subscribed and sworn to before me this 5th day of March, 1969.

Judge A. Kopp
Notary Public. My Commission
expires Sept 28, 1971.

APPLICANT'S CERTIFICATE

I, A.L. Chadwick, do hereby certify that I am the State Highway Engineer for the State of Arizona, hereinafter designated the applicant; that William N. Price who subscribed to the foregoing affidavit, is employed by the applicant as Deputy State Engineer and that he was directed by the applicant to survey the location of a highway center line and to prepare these plans; that the location of said center line, 0.132 miles in length beginning at Station 3055+00 and ending at Station 3062+00, is accurately represented on these plans; that such survey as represented on these plans has been adopted by the applicant as the definite location of the highway center line and right of way thereby shown; and that these plans have been prepared to be filed for the approval of the Secretary of the Interior or his duly authorized representative as part of the application for said right of way to be granted the applicant, its successors and assigns, with the right to construct, maintain, and repair improvements, thereon and thereover, for such purposes, and with the further right in the applicant, its successors and assigns, to transfer this right of way by assignment, grant or otherwise.

3/5/69
Date

A.L. Chadwick
State Highway Engineer

ARIZONA HIGHWAY DEPARTMENT
NOGALES-TUCSON HIGHWAY
PROJECT I-19-1(8)
R/W MAP D-10T-300

Application is hereby made for highway right of way
50 feet wide and approximately 700 feet in length as
delineated on attached map.

ARIZONA HIGHWAY DEPARTMENT

Date 3/5/69
State Highway Engineer

U.S. DEPARTMENT OF INTERIOR
BUREAU OF INDIAN AFFAIRS
PAPAGO INDIAN AGENCY OFFICE
SELLS, ARIZONA

These plans are hereby approved pursuant to the provisions of the act of February 5, 1948, (62 Stat. 17) and Departmental Regulations 25 CFR 161, subject to any prior valid existing right of adverse claim, and also subject to any and all conditions stated in Resolution No. _____ adopted by the _____ Tribal Council on _____, 19____.

Date _____

FINALIZED

REDUCED SIZE
DO NOT SCALE

THIS SHEET IS A PART OF THE R/W PLANS AS INDICATED BY THE SHEET NO. IN THE UPPER RIGHT HAND CORNER, HOWEVER FOR USE AS AN APPLICATION THIS SHEET SHALL BECOME THE FIRST SHEET OF THE APPLICATION PLANS.

CHECKED BY: P. D. Todd

HARD COPY

ENGINEER'S AFFIDAVIT

STATE OF ARIZONA }
COUNTY OF MARICOPA } ss.

A. L. Chadwick, being first duly sworn, deposes and states that he is the Deputy State Engineer for the State of Arizona; that the survey of the highway centerline was made and that this map was prepared from field notes of said survey; and that the areas covered by this map, being 50' X 50' and 50' X 60', totaling 0.126 acres, more or less, are accurately located on this map.


ARIZONA HIGHWAY DEPARTMENT
NOGALES-TUCSON HIGHWAY
PROJECT #I-19-1(8)49
PAPAGO INDIAN RESERVATION
R/W MAP #D-10-T-300


Deputy State Engineer

Application is hereby made for drainage easements, being 50'X50' and 50'X60', totaling 0.126 acres, more or less, as delineated on the attached map.

Subscribed and sworn to before me this 13th day of June, 1966.

ARIZONA HIGHWAY DEPARTMENT


Notary Public, My commission expires 12/22nd, 1968


State Highway Engineer

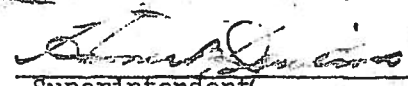
APPLICANT'S CERTIFICATE

I, Wm. N. Price, do hereby certify that I am the State Highway Engineer for the State of Arizona, hereinafter designated the applicant; that A.L. Chadwick, who subscribed to the foregoing affidavit, is employed by the applicant as Deputy State Engineer and that he was directed by the applicant to survey the location of a highway right of way and to prepare this map; that the location of said right of way, being 50' X 50' and 50' X 60', totaling 0.126 acres, more or less are accurately represented on this map; that such survey as represented on this map has been adopted by the applicant as the definite location of the right of way thereby shown; and that the map has been prepared to be filed for the approval of the Secretary of the Interior or his duly authorized representative as part of the application for said right of way to be granted the applicant, its successors and assigns, with the right to construct, maintain, and repair improvements, thereon and thereover, for such purposes, and with the further right in the applicant, its successors, and assigns, to transfer this right of way by assignment, grant or otherwise.

U.S. DEPARTMENT OF INTERIOR
BUREAU OF INDIAN AFFAIRS
PAPAGO INDIAN AGENCY
SELLS ARIZONA

This map is hereby approved pursuant to the provisions of the act of February 5, 1948, (62 Stat. 17) and Departmental Regulations 25 CFR 161, subject to any prior valid existing right of adverse claim, and also subject to any and all conditions stated in Resolution # 1486 adopted by the Papago Tribal Council on September 2, 1966.

SEP 8 1965
Date


Superintendent


State Highway Engineer

ENGINEER'S AFFIDAVIT

REVISED APPLICATION

STATE OF ARIZONA)
) SE.
COUNTY OF MARICOPA)


ARIZONA HIGHWAY DEPARTMENT
NOGALES - TUCSON HIGHWAY
PROJECT # I-19-1(8)49
INDIAN RESERVATION
R/W MAP # D-10-T-300

A.L. Chadwick, being first duly sworn, deposes and states that he is the Deputy State Engineer for the State of Arizona; that the survey of the highway centerline was made and that this map was prepared from field notes of said survey; and that the R/W is 8.15 miles in length beginning at Sta. 2632+10.44 and ending at Sta. 3062+67.50 and said R/W is accurately located on this map.

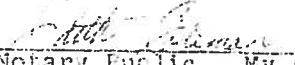
Application is hereby made for highway right of way with control of access, varying in width from 300' to 1130' a distance of 8.15 miles, also any and all drainage easements as delineated on the attached map.


Deputy State Engineer

ARIZONA HIGHWAY DEPARTMENT


State Highway Engineer

Subscribed and sworn to before me this 27th day of January, 1966.


Notary Public. My commission expires 11/29/68, 1968.

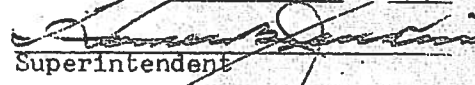
APPLICANT'S CERTIFICATE

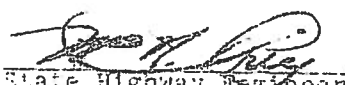
I. Wm. N. Price, do hereby certify that I am the State Highway Engineer for the State of Arizona, hereinafter designated the applicant; that **A.L. Chadwick**, who subscribed to the foregoing affidavit, is employed by the applicant as Deputy State Engineer and that he was directed by the applicant to survey the location of a highway right of way and to prepare this map; that the location of said right of way, 8.15 miles in length beginning at Sta. 2632+10.44 and ending at Sta. 3062+67.50 is accurately represented on this map; that such survey as represented on this map has been adopted by the applicant as the definite location of the right of way thereby shown; and that the map has been prepared to be filed for the approval of the Secretary of the Interior or his duly authorized representative as part of the application for said right of way to be granted the applicant, its successors and assigns, with the right to construct, maintain, and repair improvements, thereon and thereover, for such purposes, and with the further right in the applicant, its successors, and assigns, to transfer this right of way by assignment, grant or otherwise.

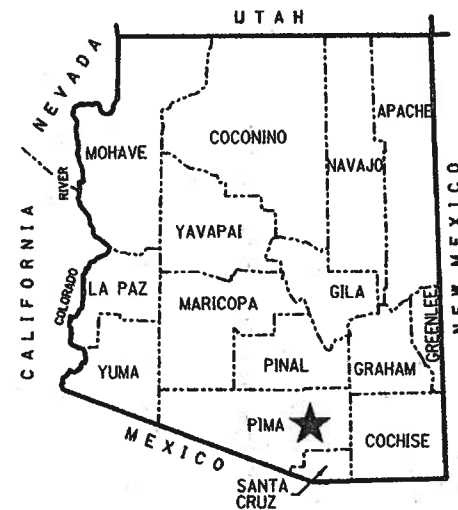
U.S. DEPARTMENT OF INTERIOR
BUREAU OF INDIAN AFFAIRS
PAPAGO INDIAN AGENCY
SELLS ARIZONA

This map is hereby approved pursuant to the provisions of the act of February 5, 1948, (62 Stat. 17) and Departmental Regulations 25 CFR 161, subject to any prior valid existing right of adverse claim, and also subject to any and all conditions stated in Resolution # 1405 adopted by the PAPAGO Tribal Council on APRIL 2, 1965.

date 6/9/66


Superintendent


State Highway Engineer



★ PROJECT LOCATION

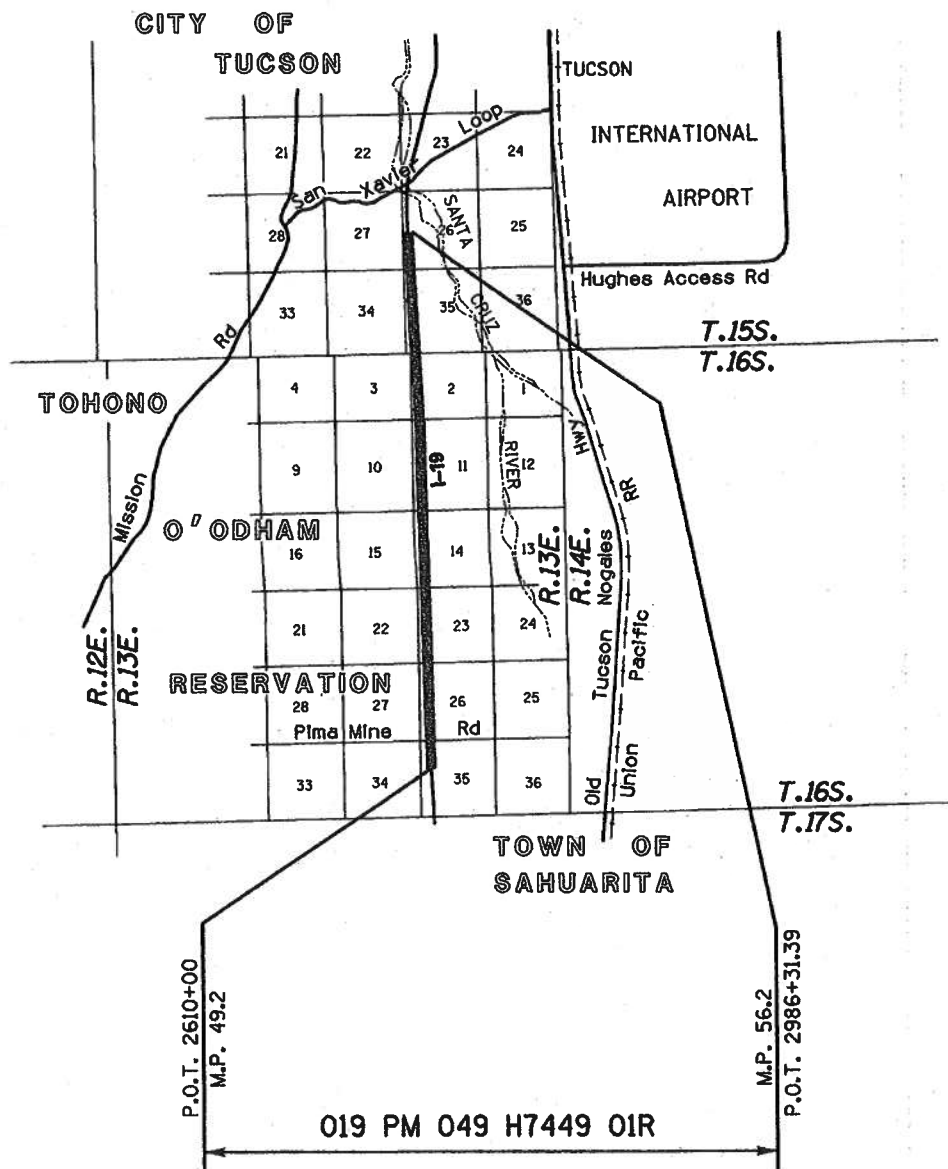
COUNTY NAME: PIMA
LENGTH OF PROJECT: 7.0 MILES
ADOT DISTRICT: TUCSON (T)
DRAWING NUMBER: D-10-T-400

SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATIONS & SYMBOLS	S-1
RESULTS OF SURVEY	RS-1 TO RS-13
TOTAL SHEETS	15



RESULTS OF SURVEY
NOGALES - TUCSON HIGHWAY
PIMA MINE ROAD T.I.
019 PM 049 H7449 01R



ARIZONA DEPARTMENT
OF
TRANSPORTATION
INTERMODAL
TRANSPORTATION
DIVISION



... \DGN\A05\01\RVB49_01R.DGN



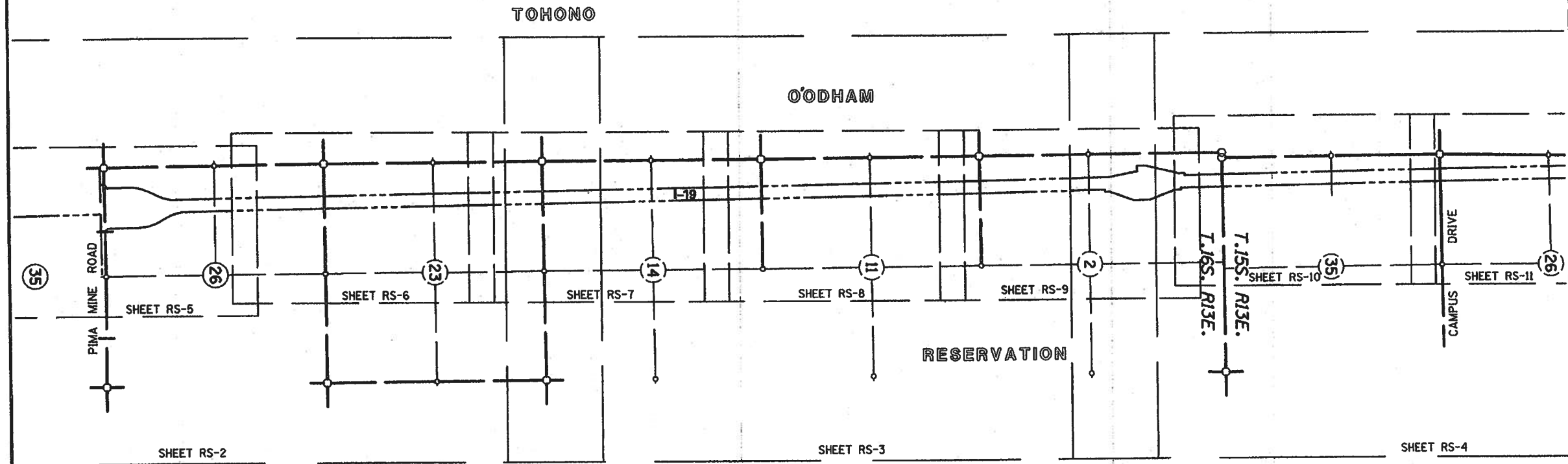
eps group, Inc.
Engineers, Planners & Surveyors

RIGHT OF WAY - STANDARD ABBREVIATIONS & SYMBOLS

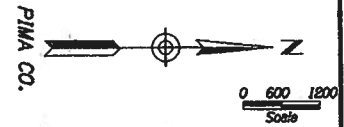
<p>A</p> <p>Acres Ahead And Husband And Others And Wife Approximate Avenue</p> <p>B</p> <p>Back Book Boulevard Brass Cap Bureau of Indian Affairs Bureau of Land Management Bureau of Reclamation</p> <p>C</p> <p>Calculated Center Centerline Construction Corner County Curve Information Curve to Spiral Degree of Curve Delta Length of Curve Point of Compound Curve Point of Curvature Point of Intersection Point of Reverse Curve Point of Reverse Spiral Point of Tangent Point on Curve Point on Tangent Point on Semi-Tangent Radius Spiral rate of change Spiral to Curve Spiral to Tangent Tangent Length Tangent to Spiral</p>	<p>Ac. Ahd. et vlr et al et ux Approx. Ave.</p> <p>Bk. Bk. Blvd. B.C. B.I.A. B.L.M. B.O.R.</p> <p>(C) Ctr. £ Constr. Cor. Co.</p> <p>C.S. D Δ L P.C.C. P.C. P.I. P.R.C. P.R.S. P.T. P.O.C. P.O.T. P.O.S.T. R a S.C. S.T. T T.S.</p>	<p>D</p> <p>Degrees Department Docket Drainage Easement Drive</p> <p>E</p> <p>Easement East Electrical Equation Existing</p> <p>F</p> <p>Federal Feet Flowage Easement Final Order of Condemnation Found</p> <p>H</p> <p>Highway Highway Easment Deed Homestead Entry Survey</p> <p>I</p> <p>Inch Irrigation</p> <p>J</p> <p>Junction</p> <p>L</p> <p>Lane Left Local Tangent Bearing</p> <p>M</p> <p>Measured Mile Post Mineral Survey Minutes Miscellaneous Monument</p> <p>N</p> <p>North Not to Scale Number</p> <p>P</p>	<p>Dept. Dkt. DE Dr.</p> <p>Esmt Elec. Equa. Exlst.</p> <p>Fed. FE FOC Fd.</p> <p>Hwy. HED HES</p> <p>In. or Irr.</p> <p>Jct.</p> <p>Ln. Lt. L.T.B.</p> <p>(M) M.P. M.S. Misc. Mon.</p> <p>N. N.T.S. No.</p>	<p>Page Parcel Parkway Place Ponding Easement Public Utility Easement</p> <p>Quit Claim Deed</p> <p>Railroad Range Record Right Right of Way Road</p> <p>Seconds Section Sheet Slope Easement South Special Warranty Deed Square Square Feet State Route Station Street Subdivision</p> <p>Telegraph Telephone Township Temporary Temporary Construction Easement Traffic Interchange</p> <p>United States General Land Office</p> <p>West Warranty Deed</p>	<p>Pg. Par. Pkwy. Pl. PE PUE</p> <p>Q QCD</p> <p>R R.R. R. (R) Rt. R/W Rd.</p> <p>S S.</p> <p>T Tlg. Tel. T. Temp. TCE</p> <p>U T.I.</p> <p>U.S.G.L.O.</p> <p>W W. WD</p>	<p>Boundary Lines City Limit Line County Line Forest-City Limit Line Forest-Reservation Line Land Grant Boundary Line National-State Boundary Line</p> <p>Centerlines Exist. Centerline w/ticks Exist. Centerline wo/ticks New Constr. Centerline New Survey Centerline Railroad Centerline Centerline on Results of Survey</p> <p>Control Lines Exist. Access Control Line New Access Control Line</p> <p>Easement Lines Exist. Easement Line Exist. Drainage Easement Line New Perpetual Easement Line TCE Line</p> <p>Misc. Lines Ditch-River Line Meander Line Mining Claim Line</p> <p>Property Lines Lease Property Line Property Line Subdivision Property/Road Line Additional area to be acquired</p> <p>Public Land Survey Lines Mid Section Line Section Line Sixteenth (1/16) Line Township-Range Line</p> <p>R/W Lines Exist. ADOT R/W Line Exist. Non-ADOT R/W Line New R/W Line Railroad R/W Line Railroad-Highway R/W Line</p> <p>Topographic Features Cut Slope Limit Line Exist. Fence Line Exist. Topo Line Fill Slope Limit Line New Fence Line</p>
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<p>Break Line </p> <p>Data Circle </p> <p>Data Hex </p> <p>Data Square </p> <p>Dimension Arrow </p> <p>Dimension Tie </p> <p>Exist. R/W Monument </p> <p>New R/W Monument </p> <p>PC - PT Circle </p>	<p>Property Anchor Bar </p> <p>Property-Lease & Unpatented Mining Claim Anchor Bar </p> <p>Property Limit Arrow </p> <p>Property-Lease & Unpatented Mining Claim Limit Arrow </p> <p>Parcel Bubble </p> <p>NGS Control Pt or Angle Point </p>	<p>SECTION 7 MARICOPA CO.</p> <p>North Arrow</p> <p>Mile Post Marker</p>	<p>Found or Set Section Corner $\frac{31}{6} \frac{32}{5}$</p> <p>Found or Set Quarter Corner $4 \div 3$</p> <p>Found or Set Center Quarter Corner </p> <p>Unfound Section Corner $\frac{31}{6} \frac{32}{5}$</p> <p>Unfound Quarter Corner $4 \div 9$</p> <p>Unfound Center Quarter Corner </p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">CHANGE ORDER REVISIONS</th> </tr> <tr> <th>C.O. NO.</th> <th>DATE</th> <th>DESCRIPTION OF REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	CHANGE ORDER REVISIONS			C.O. NO.	DATE	DESCRIPTION OF REVISIONS																															<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DRAWING NO.</td> <td>D-10-T-400</td> <td>ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION</td> </tr> <tr> <td>SURVEY</td> <td>FEBRUARY 2008</td> <td>ROADWAY NAME: NOGALES - TUCSON</td> </tr> <tr> <td>DRAWN/DATE</td> <td>C. DOYLE/FEB 08</td> <td>FEDERAL AID NO.:</td> </tr> <tr> <td>ADOT REVIEW</td> <td>S. PARKER</td> <td>UNASSIGNED</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> <td>PROJECT NO.:</td> </tr> <tr> <td colspan="2" style="text-align: center;">Eps group, Inc. Engineers, Planners & Surveyors</td> <td>019 PM 049 H7449 OIR</td> </tr> <tr> <td>ROUTE NO.:</td> <td>LOCATION:</td> <td>PIMA MINE ROAD T.I.</td> </tr> <tr> <td>1-19</td> <td></td> <td></td> </tr> </table>	DRAWING NO.	D-10-T-400	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	SURVEY	FEBRUARY 2008	ROADWAY NAME: NOGALES - TUCSON	DRAWN/DATE	C. DOYLE/FEB 08	FEDERAL AID NO.:	ADOT REVIEW	S. PARKER	UNASSIGNED			PROJECT NO.:	Eps group, Inc. Engineers, Planners & Surveyors		019 PM 049 H7449 OIR	ROUTE NO.:	LOCATION:	PIMA MINE ROAD T.I.	1-19		
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ROUTE NO.:	LOCATION:	PIMA MINE ROAD T.I.																																																															
1-19																																																																	

RESULTS OF SURVEY



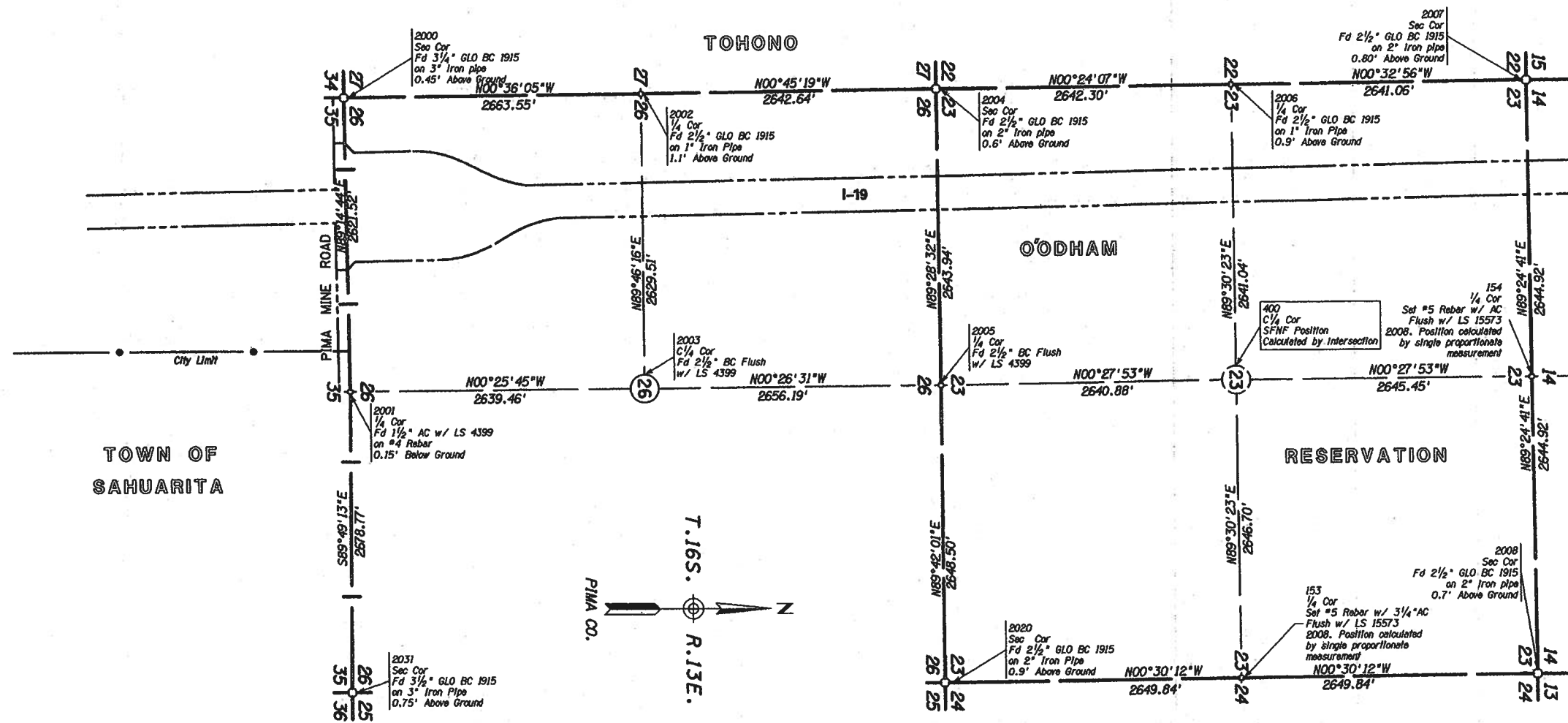
SHEET LAYOUT



CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO. D-10-T-400	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY FEBRUARY 2008	ROADWAY NAME: NOGALES - TUCSON
DRAWN/DATE C. DOYLE/FEB 08	FEDERAL AID NO.: UNASSIGNED
ADOT REVIEW S. PARKER	PROJECT NO.: 019 PM 049 H7449 01R
eps group, inc. Engineers, Planners & Surveyors	ROUTE NO.: I-19 LOCATION: PIMA MINE ROAD T.I.
	Scale: 1" = 600'
	FIG. 2-31-09 SHEET RS-1

RESULTS OF SURVEY

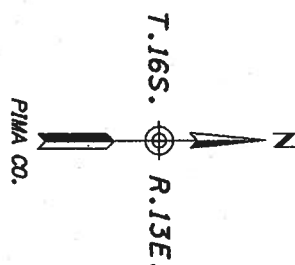


TOWN OF SAHUARITA

TOHONO

O'ODHAM

RESERVATION



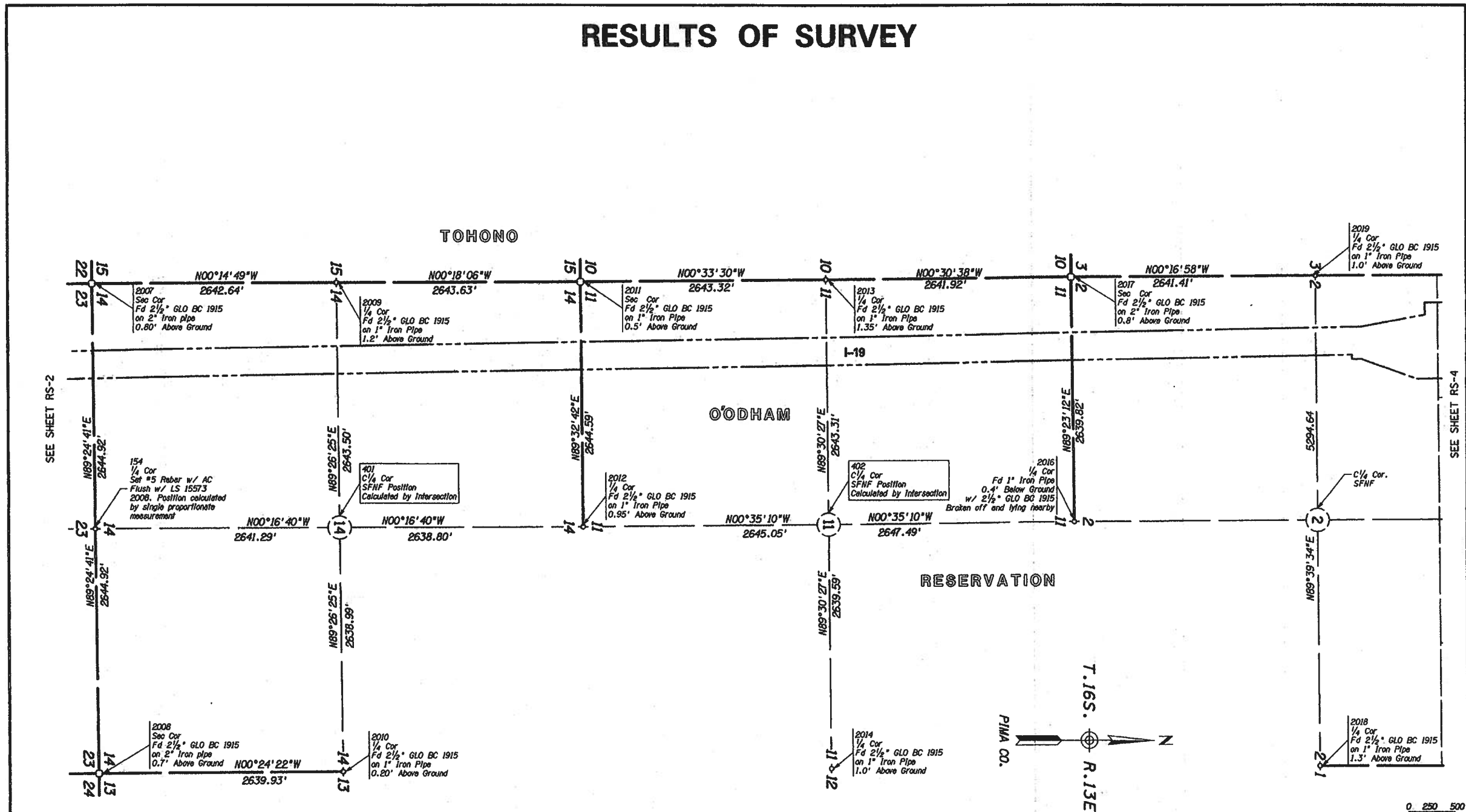
LEGEND

- 302 Set Monument
- 300 Found Monument
- SFNF Searched for not found
- 301 Calculated position
- Existing ADOT R/W monument

CHANGE ORDER REVISIONS				DRAWING NO. D-10-T-400		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	SURVEY	FEBRUARY 2008	HIGHWAY NAME:	NOGALES - TUCSON
				DRAWN/DATE	C. DOYLE/FEB 08	FEDERAL AID NO.:	UNASSIGNED
				ADOT REVIEW	S. PARKER	PROJECT NO.:	019 PM 049 H7449 OIR
				ROUTE NO.:	I-19	LOCATION:	PIMA MINE ROAD T.I.

... \DGN\RD5\019R249_RS2.DGN
SHEET RS-2

RESULTS OF SURVEY



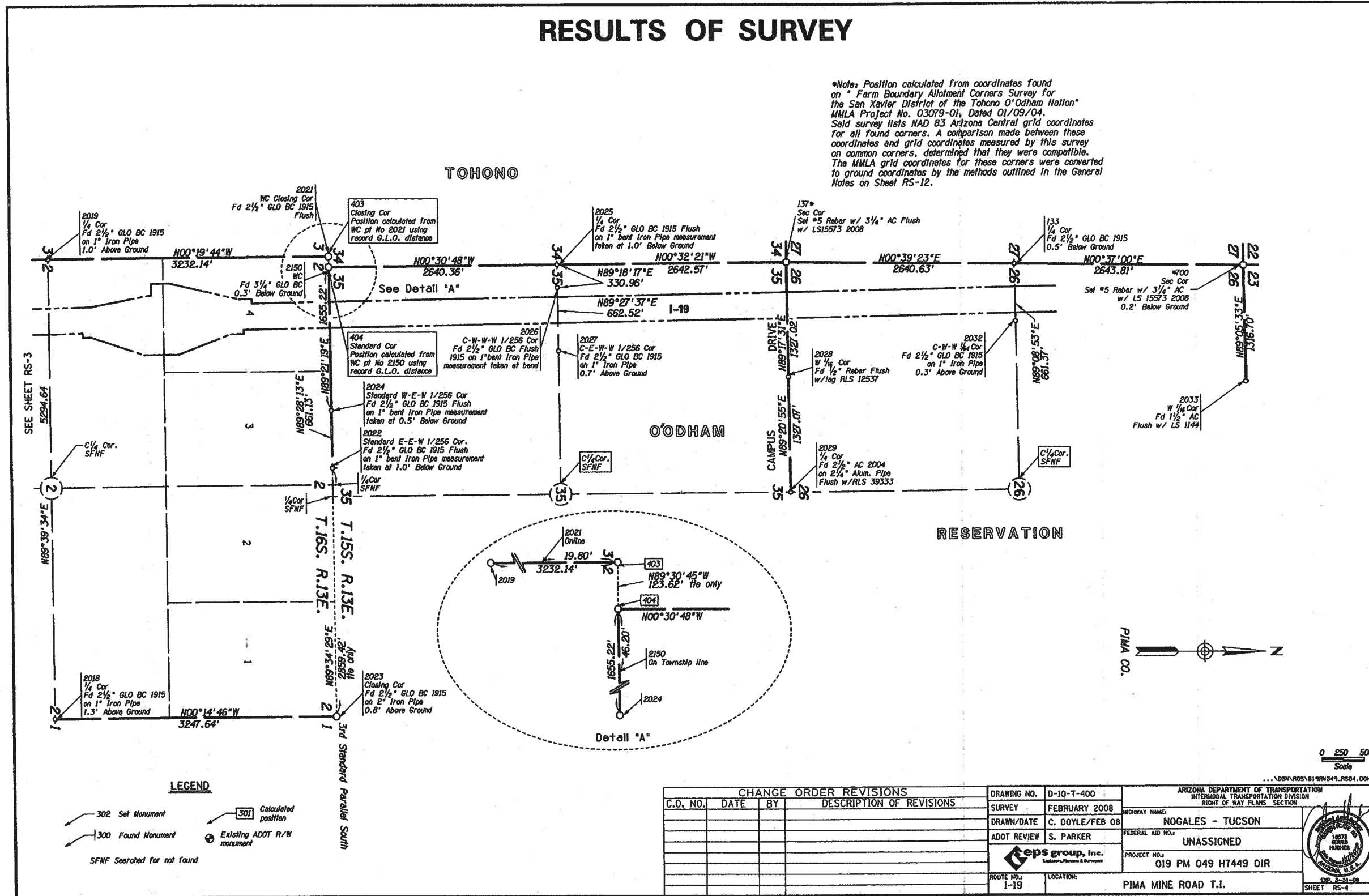
LEGEND

- 302 Set Monument
- 300 Found Monument
- 301 Calculated position
- Existing R/W monument
- SFNF Searched for not found

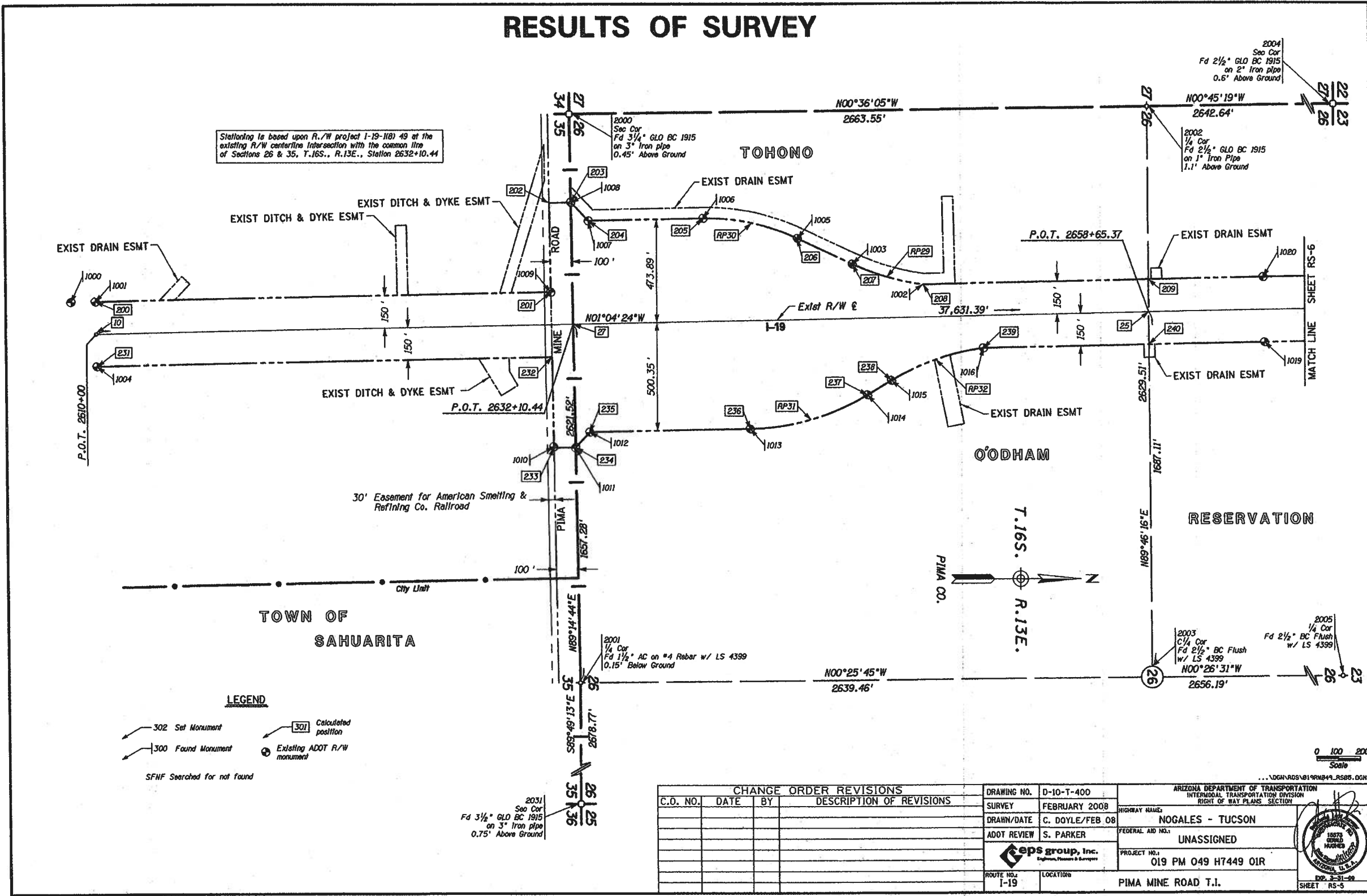
CHANGE ORDER REVISIONS				DRAWING NO.	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	D-10-T-400	HIGHWAY NAME: NOGALES - TUCSON	
				SURVEY	FEBRUARY 2008	
				DRAWN/DATE	C. DOYLE/FEB 08	
				ADOT REVIEW	S. PARKER	
				ROUTE NO.	LOCATION:	
				I-19	PIMA MINE ROAD T.J.	
				PROJECT NO.: UNASSIGNED 019 PM 049 H7449 OIR SHEET RS-3		

RESULTS OF SURVEY

*Note: Position calculated from coordinates found on Farm Boundary Allotment Corners Survey for the San Xavier District of the Tohono O'odham Nation MMLA Project No. 03079-01, Dated 01/09/04. Said survey lists NAD 83 Arizona Central grid coordinates for all found corners. A comparison made between these coordinates and grid coordinates measured by this survey on common corners, determined that they were compatible. The MMLA grid coordinates for these corners were converted to ground coordinates by the methods outlined in the General Notes on Sheet RS-12.



RESULTS OF SURVEY



Stallioning is based upon R./W project I-19-118) 49 at the existing R./W centerline intersection with the common line of Sections 26 & 35, T.16S., R.13E., Station 2632+10.44

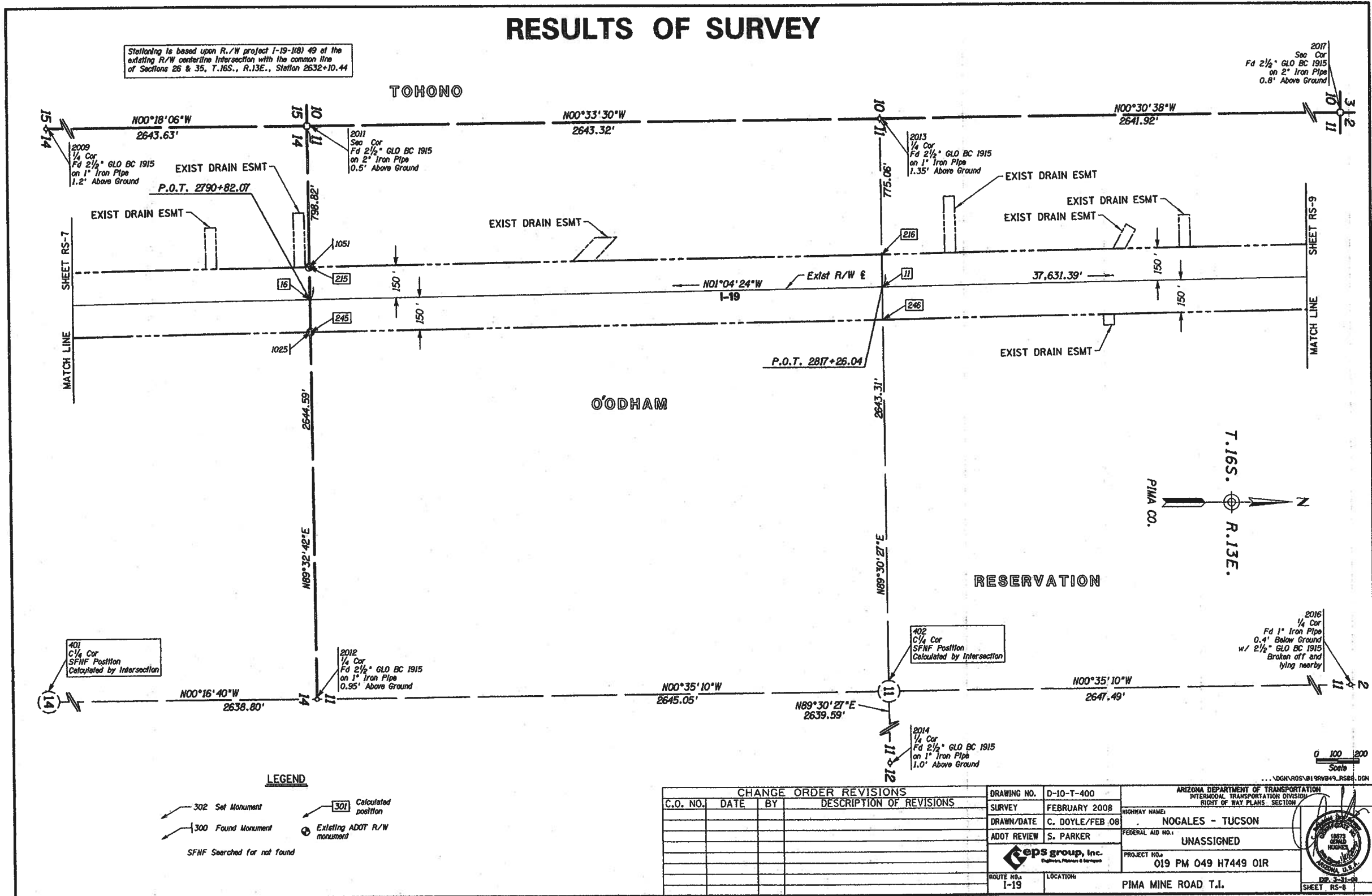
LEGEND
 302 Set Monument
 300 Found Monument
 SFNF Searched for not found
 301 Calculated position
 Existing ADOT R/W monument

CHANGE ORDER REVISIONS		
C.O. NO.	DATE	DESCRIPTION OF REVISIONS

DRAWING NO.	D-10-T-400	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY	FEBRUARY 2008	HIGHWAY NAME: NOGALES - TUCSON
DRAWN/DATE	C. DOYLE/FEB 08	FEDERAL AID NO.:
ADOT REVIEW	S. PARKER	UNASSIGNED
		PROJECT NO.:
ROUTE NO. I-19		019 PM 049 H7449 01R
LOCATION: PIMA MINE ROAD T.I.		SHEET RS-5

RESULTS OF SURVEY

Stellation is based upon R./W project I-19-118) 49 of the existing R./W centerline intersection with the common line of Sections 26 & 35, T.16S., R.13E., Station 2632+10.44



LEGEND

- 302 Set Monument
- 300 Found Monument
- 301 Calculated position
- Existing ADOT R/W monument
- SFNF Searched for not found

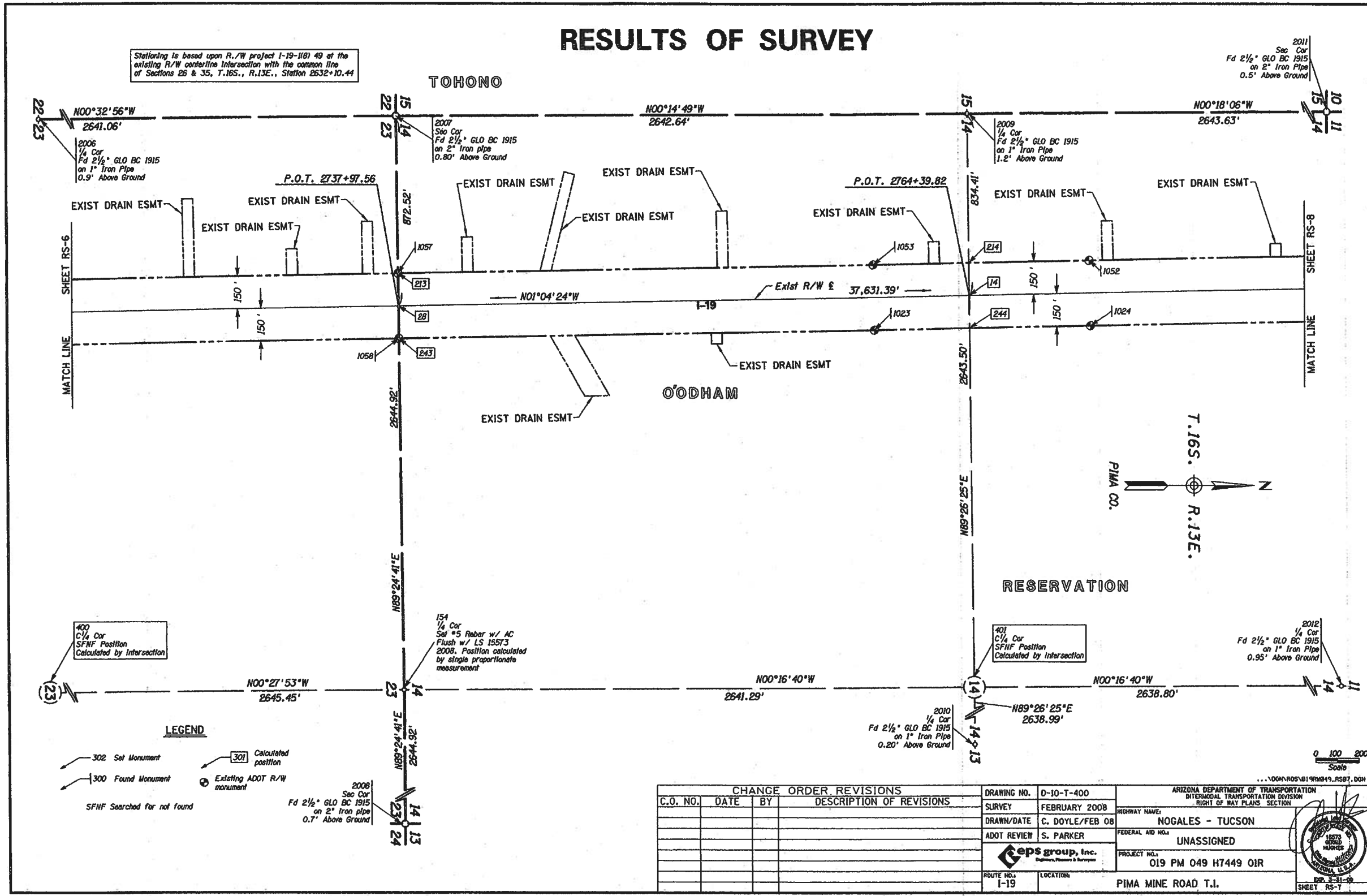
CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-10-T-400	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY	FEBRUARY 2008	HIGHWAY NAME: NOGALES - TUCSON
DRAWN/DATE	C. DOYLE/FEB 08	FEDERAL AID NO.:
ADOT REVIEW	S. PARKER	UNASSIGNED
		PROJECT NO.:
ROUTE NO. I-19		019 PM 049 H7449 01R
LOCATION:		PIMA MINE ROAD T.J.
SCALE: 1" = 100'		

RESULTS OF SURVEY

Stationing is based upon R./W project I-19-118) 49 at the existing R/W centerline intersection with the common line of Sections 26 & 35, T.16S., R.13E., Station 2632+10.44

2011
Sec Cor
Fd 2 1/2" GLO BC 1915
on 2" Iron Pipe
0.5' Above Ground



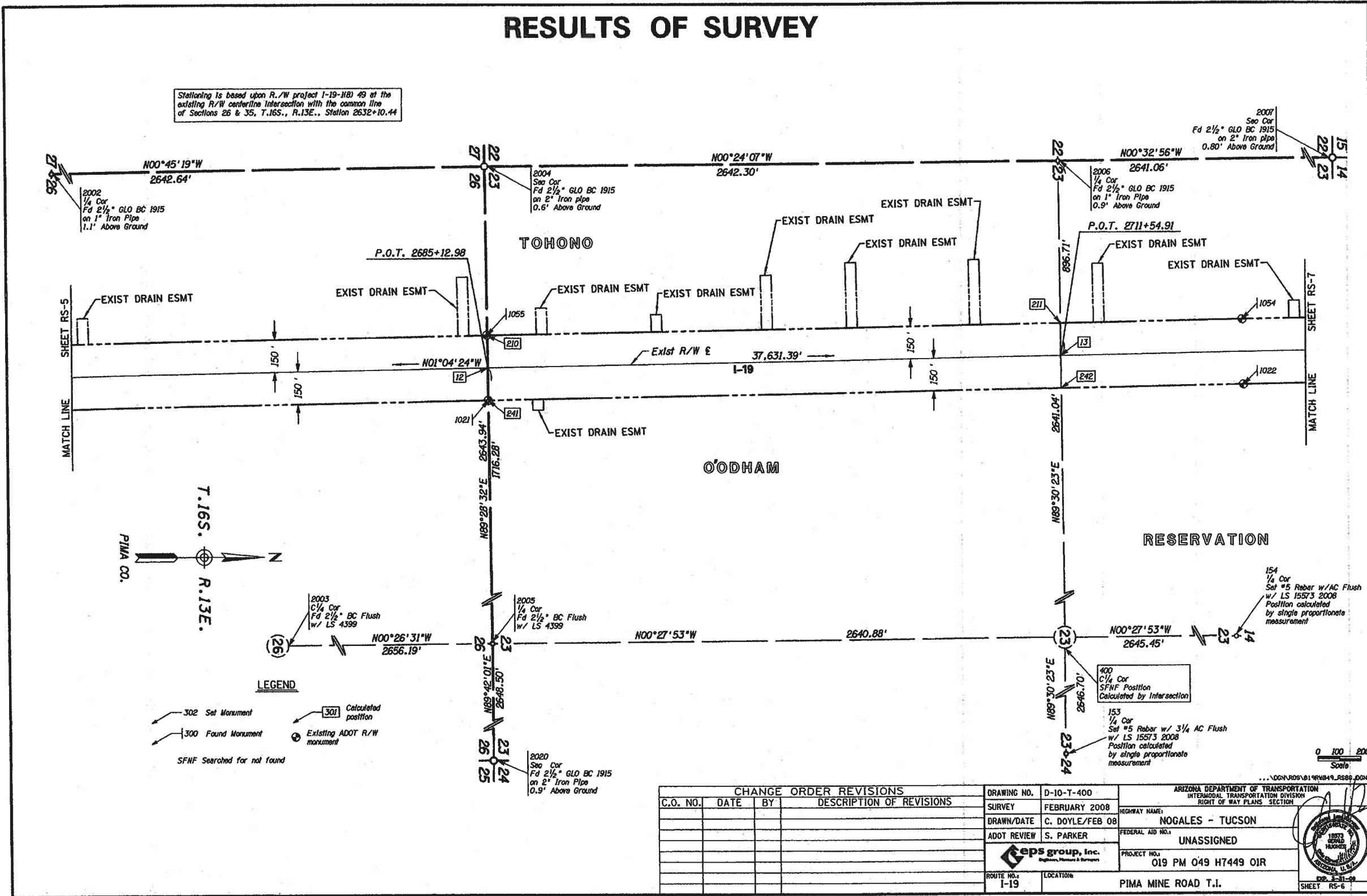
LEGEND

- 302 Set Monument
- 300 Found Monument
- SFNF Searched for not found
- 301 Calculated position
- Existing ADOT R/W monument
- 2008 Sec Cor, Fd 2 1/2" GLO BC 1915 on 2" Iron Pipe, 0.7' Above Ground

CHANGE ORDER REVISIONS			DRAWING NO.	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	DATE	DESCRIPTION
				FEBRUARY 2008	SURVEY
				C. DOYLE/FEB 08	DRAWN/DATE
				S. PARKER	ADOT REVIEW
				ROUTE NO. 1-19 LOCATION PIMA MINE ROAD T.I.	
				HIGHWAY NAME: NOGALES - TUCSON FEDERAL AID NO.: UNASSIGNED PROJECT NO.: 019 PM 049 H7449 01R	
				SCALE: 1" = 40'	

RESULTS OF SURVEY

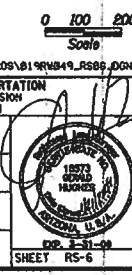
Stationing is based upon R/W project I-19-1181 49 at the existing R/W centerline intersection with the common line of Sections 26 & 35, T.16S., R.13E., Station 2632+10.44



LEGEND

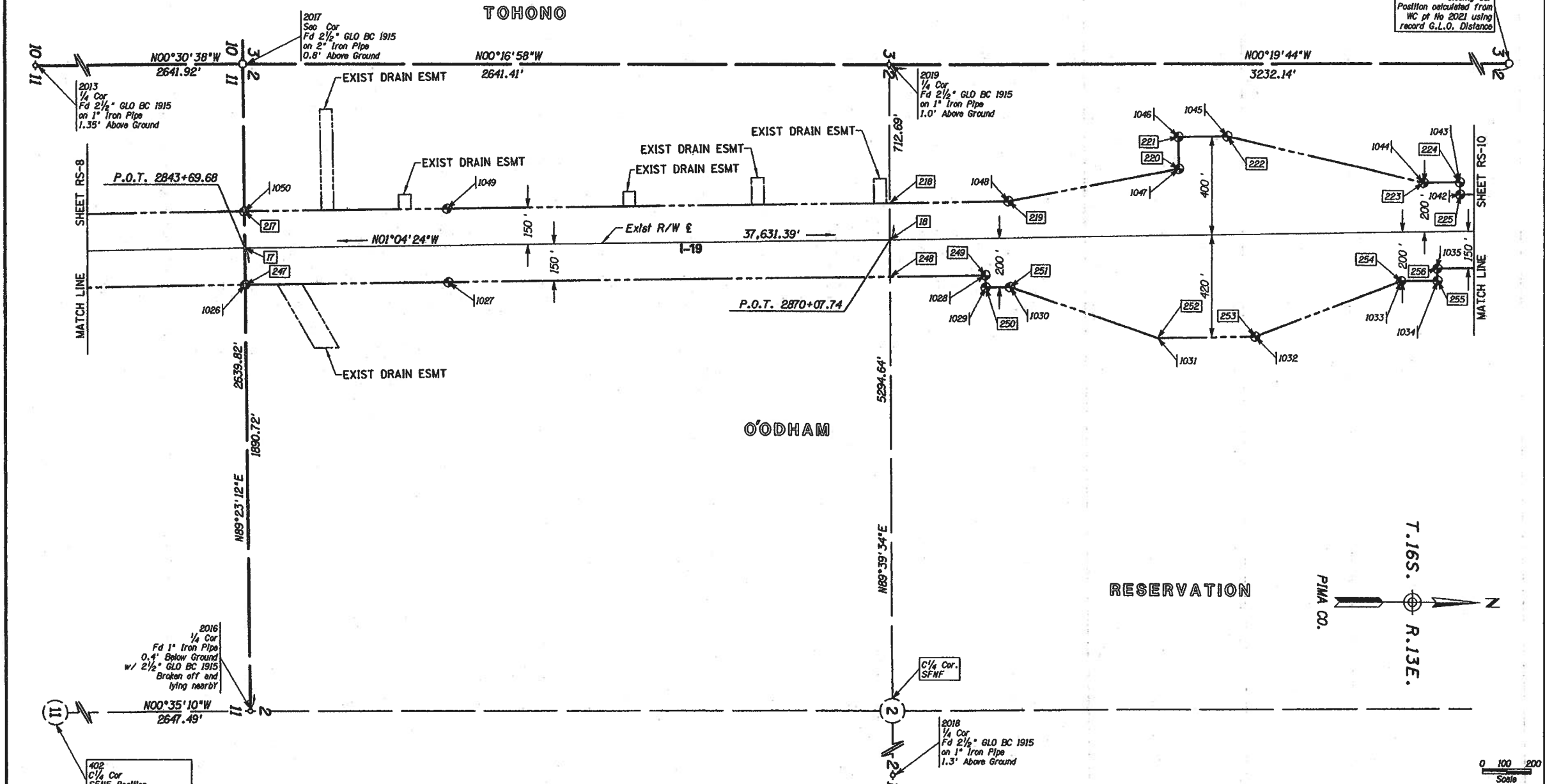
- 302 Set Monument
- 300 Found Monument
- SFNF Searched for not found
- 301 Calculated position
- Existing ADOT R/W monument

CHANGE ORDER REVISIONS				DRAWING NO. D-10-T-400		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	SURVEY	FEBRUARY 2008	HIGHWAY NAME:	NOGALES - TUCSON
				DRAWN/DATE	C. DOYLE/FEB 08	FEDERAL AID NO.:	UNASSIGNED
				ADOT REVIEW	S. PARKER	PROJECT NO.:	019 PM 049 H7449 OIR
				eps group, Inc. Engineers, Planners & Surveyors			
				ROUTE NO.:	I-19	LOCATION:	PIMA MINE ROAD T.I.



RESULTS OF SURVEY

Stationing is based upon R./W project I-19-II(8) 49 at the existing R./W centerline intersection with the common line of Sections 26 & 35, T.16S., R.13E., Station 2632+10.44



403 Closing Cor
Position calculated from
WC of No 2021 using
record G.L.O. Distance

402 C/4 Cor
SFNF Position
Calculated by Intersection

LEGEND

- ← 302 Set Monument
- ← 300 Found Monument
- ← SFNF Searched for not found
- ⊙ 301 Calculated position
- ⊙ Existing ADOT R/W monument

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

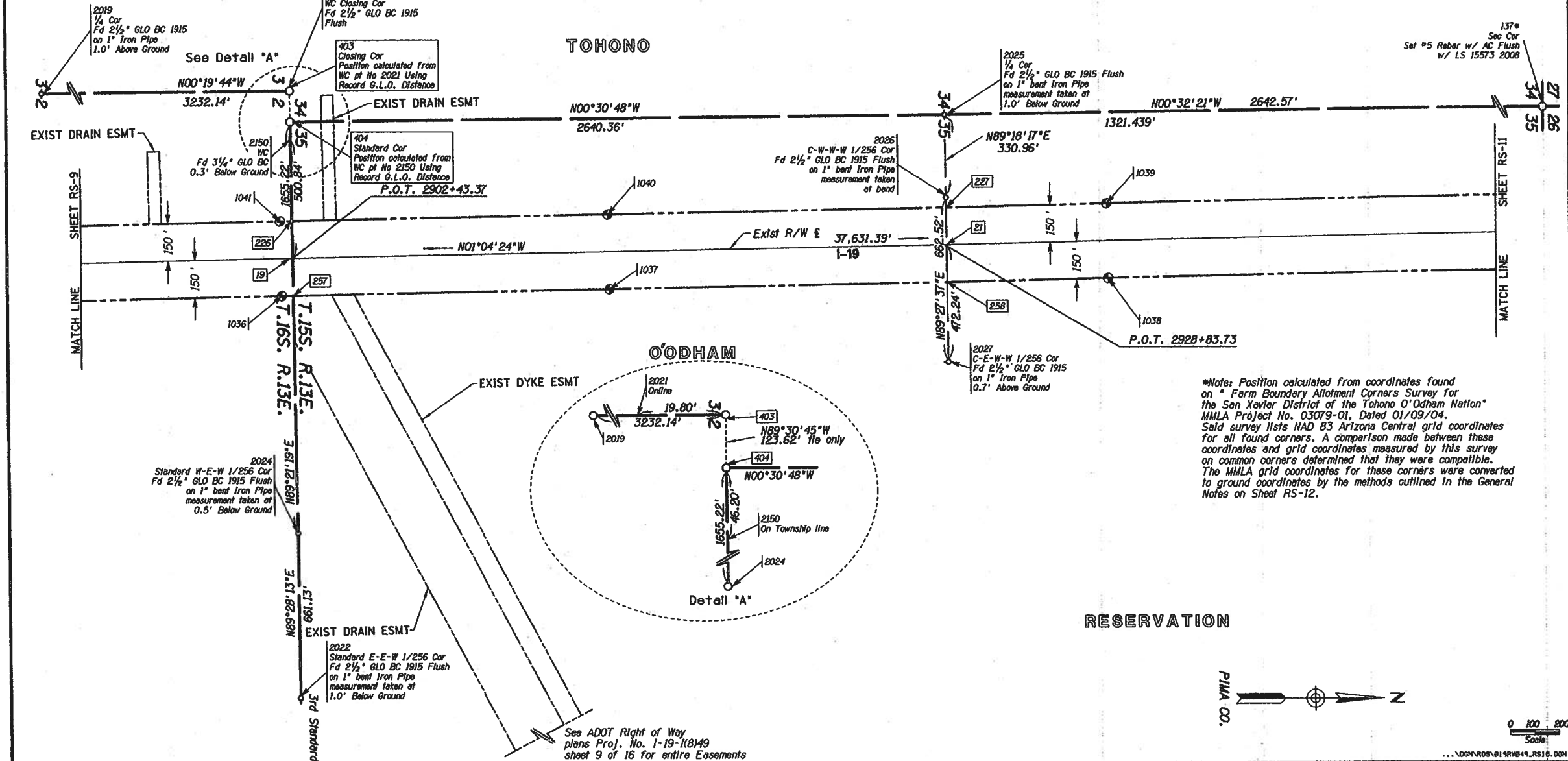
DRAWING NO.	D-10-T-400	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY	FEBRUARY 2008	
DRAWN/DATE	C. DOYLE/FEB 08	HIGHWAY NAME: NOGALES - TUCSON
ADOT REVIEW	S. PARKER	FEDERAL AID NO.:
		PROJECT NO.:
ROUTE NO.:	1-19	019 PM 049 H7449 OIR
LOCATION	PIMA MINE ROAD T.J.	

0 100 200
Scale



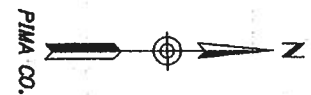
RESULTS OF SURVEY

Stationing is based upon R./W project I-19-118) 49 at the existing R./W centerline intersection with the common line of Sections 26 & 35, T.16S., R.13E., Station 2632+10.44



*Note: Position calculated from coordinates found on * Farm Boundary Allotment Corners Survey for the San Xavier District of the Tohono O'Odham Nation* MMLA Project No. 03079-01, Dated 01/09/04. Said survey lists NAD 83 Arizona Central grid coordinates for all found corners. A comparison made between these coordinates and grid coordinates measured by this survey on common corners determined that they were compatible. The MMLA grid coordinates for these corners were converted to ground coordinates by the methods outlined in the General Notes on Sheet RS-12.

RESERVATION



0 100 200
Scale

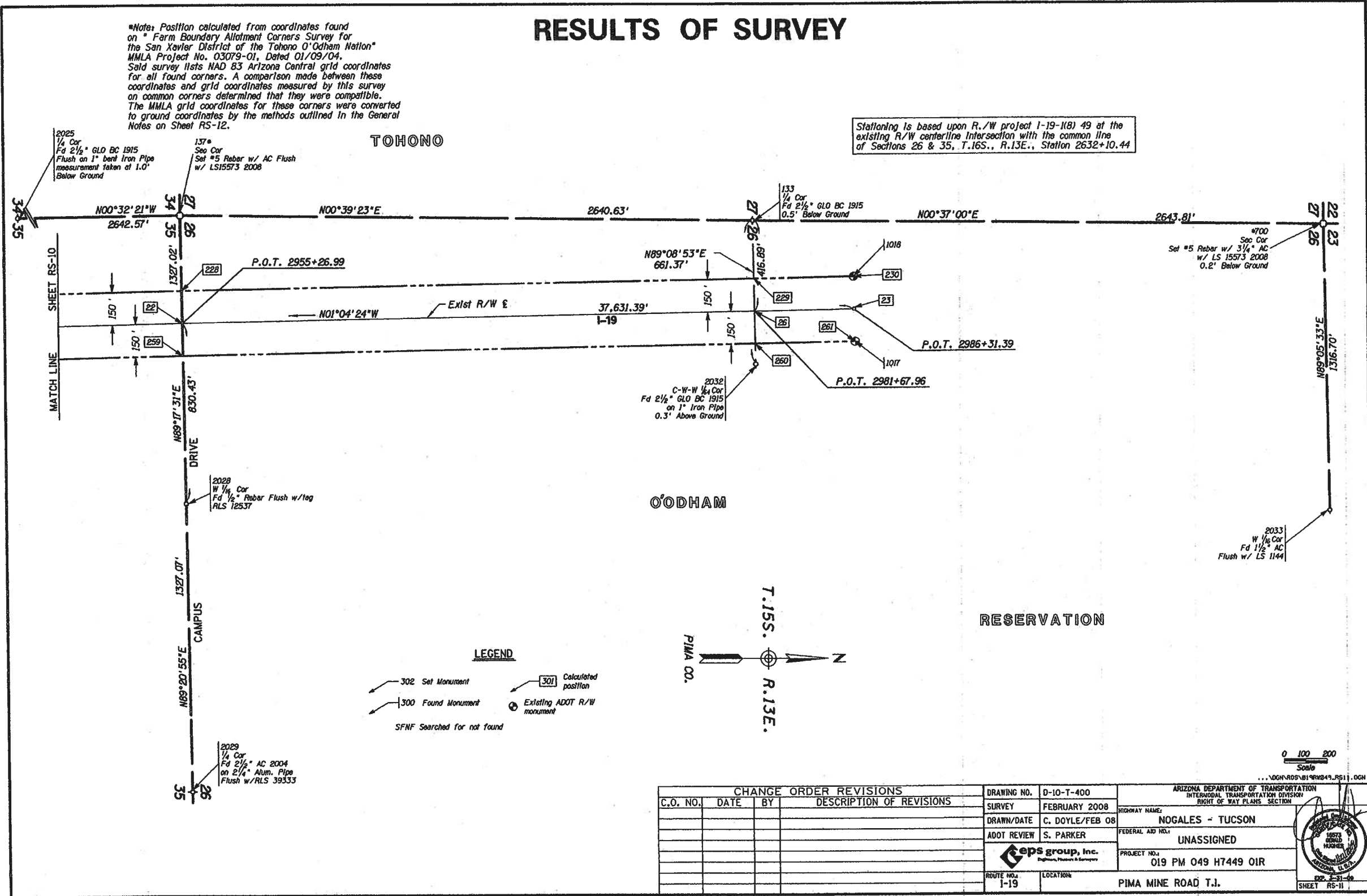
- LEGEND**
- 302 Set Monument
 - 300 Found Monument
 - 301 Calculated position
 - Existing ADOT R./W monument
 - SFNF Searched for not found

DRAWING NO. D-10-T-400		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY FEBRUARY 2008		HIGHWAY NAME: NOGALES - TUCSON	
DRAWN/DATE C. DOYLE/FEB 08		FEDERAL AID NO.: UNASSIGNED	
ADOT REVIEW S. PARKER		PROJECT NO.: 019 PM 049 H7449 01R	
		PROJECT NO.: 019 PM 049 H7449 01R	
ROUTE NO. 1-19	LOCATION PIMA MINE ROAD T.J.	SHEET RS-10	

RESULTS OF SURVEY

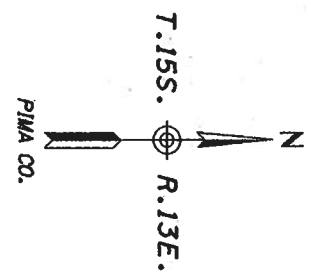
*Note: Position calculated from coordinates found on "Farm Boundary Allotment Corners Survey for the San Xavier District of the Tohono O'odham Nation" MMLA Project No. 03079-01, Dated 01/09/04. Said survey lists NAD 83 Arizona Central grid coordinates for all found corners. A comparison made between these coordinates and grid coordinates measured by this survey on common corners determined that they were compatible. The MMLA grid coordinates for these corners were converted to ground coordinates by the methods outlined in the General Notes on Sheet RS-12.

Stationing is based upon R./W project I-19-1(K) 49 at the existing R./W centerline intersection with the common line of Sections 26 & 35, T.16S., R.13E., Station 2632+10.44



LEGEND

- 302 Set Monument
- 300 Found Monument
- SFNF Searched for not found
- 301 Calculated position
- Existing ADOT R/W monument



0 100 200
Scale

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-10-T-400	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY	FEBRUARY 2008	HIGHWAY NAME:	NOGALES - TUCSON
DRAWN/DATE	C. DOYLE/FEB 08	FEDERAL AID NO.:	UNASSIGNED
ADOT REVIEW	S. PARKER	PROJECT NO.:	019 PM 049 H7449 OIR
ROUTE NO.	I-19	LOCATION:	PIMA MINE ROAD T.J.



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