VACATION EXHIBIT

BLOCK 14, EMIL MANN ADDITION

SITUATE WITHIN

SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST

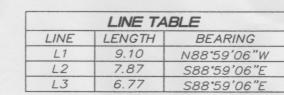
NEW MEXICO PRINCIPAL MERIDIAN CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

Consulting Surveyors

9384 Valley View Drive, N.W. Albuquerque, New Mexico 87114 Fax: 505-897-3377

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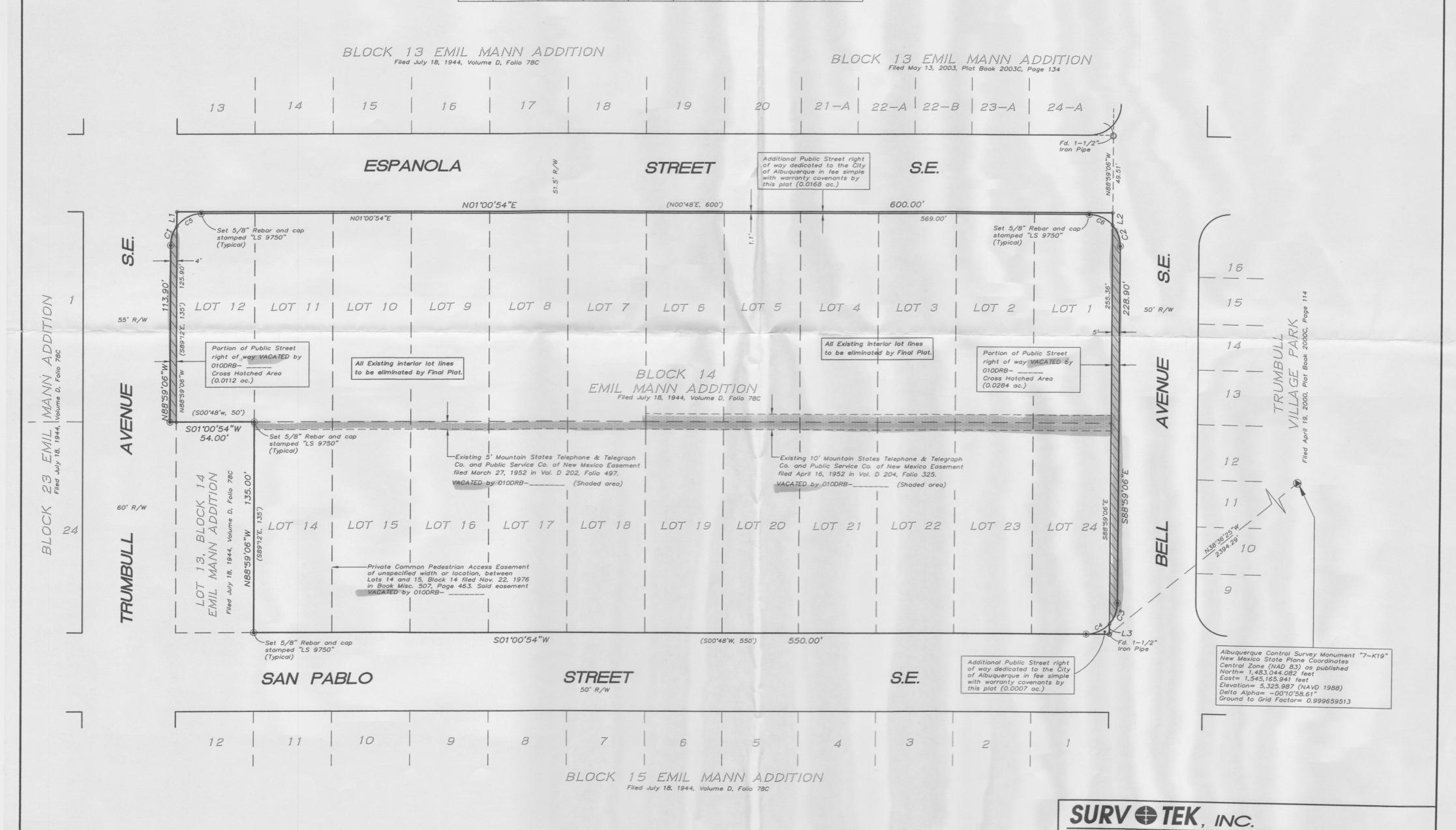
JULY, 2010

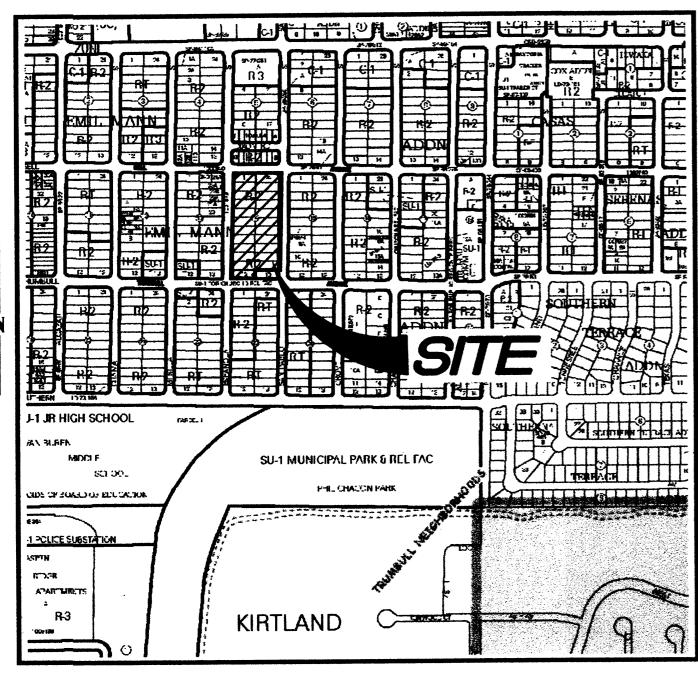


GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

	CURVE TABLE										
CURVE	LENGTH	RADIUS	TANGENT	CHORD	CHORD BEARING	DELTA					
C1	12.87'	20.00'	6.67'	12.65'	N70°33'00"W	36°52'12"					
C2	14.45'	20.00'	7.56'	14.14'	N70°18'37"E	41°24'35"					
C3	14.45'	20.00'	7.56'	14.14'	S68°16'49"E	41°24'35"					
C4	16.96	20.00'	9.03'	16.46	N23°16'49"W	48°35'25"					
C5	18.55'	20.00'	10.00'	17.89'	S25°33'00"E	53.07'48"					
C6	16.96'	20.00'	9.03'	16.46	S25°18'37"W	48*35'25"					





VICINTY MAP Not To Scale

GENERAL NOTES

- Bearings are grid based on New Mexico State Plane Coordinate System, Central Zone (NAD 83) originated at Albuquerque Control Station Monument "7-K19".
- Distances are ground.
- Distances along curved lines are arc lengths.
- Record Plat or Deed bearings and distances, where they differ from those established by this field survey, are shown in parentheses ().
- All corners found in place and held were tagged with a brass disk stamped "HUGG L.S. 9750" unless otherwise indicated.
- All corners that were set are either a 5/8" rebar with cap stamped "HUGG L.S. 9750" or a concrete nail with brass disk stamped "HUGG L.S. 9750" unless otherwise indicated.
- 7. City of Albuquerque Zone Atlas: Page L-19-Z.
- 8. Documents used in the preparation of this survey are as
- a. Plat entitled "PLAT OF EMIL MANN ADDITION, ALBUQUERQUE, NEW MEXICO, PLATTED OCTOBER 1943, ROSS-BEYER ENGINEERING OFFICE, GMS, SCALE 1" = 200", filed in the office of the County Clerk of Bernalillo County, New Mexico, on July 18, 1944, in Volume D, Folio 78C, as Document No. 62348.

SUBDIVISION DATA

Total number of existing Lots: 23

Total number of new Tracts created: 1

Gross Subdivision acreage: 3.6036 acres.

TREASURERS CERTIFICATION

This is to certify that taxes are current and paid on the following:

Bernalillo County Treasurer

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

- A. Public Service Company of New Mexico (PNM), a New Mexico corporation, (PNM Electric) for installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical services.
- New Mexico Gas Company for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- QWest Corporation for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide communication
- Comcast Cable for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, with the right and privilege of going upon, over and across adjoining lands of Grantor for the purposes set forth herein and with the right to utilize the right of way and easement to extend services to customers of Grantee, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (aboveground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, ner shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code by construction of pasts, decking, or any structures adjacent to or near easements shown on the plat.

Easements for electric transformers/switchgears, as installed, shall extend ten feet (10') in front of transformer/switchgear doors and five feet (5') on each side.

DISCLAIMER

In approving this plat, Public Service Company of New Mexico (PNM) and New Mexico Gas Company (NMGC) did not conduct a Title Search of the properties shown hereon. Consequently, PNM and NMGC do not waive nor release any easement or easement rights to which it may have been granted by prior plat, replat or other document and which are not shown on this plat.

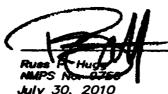
PURPOSE OF PLAT :

The purpose of the plat is to:

- Combine twenty three (23) existing lots along with the portions of Vacated right of way from Bell and Trumbull Avenues which were vacated by 010DRB-____into one (1)
- Dedicate additional public street right of way as shown hereon to the City of Albuquerque in fee simple.
- c. Grant the Public Utility Easements as shown hereon.

SURVEYOR'S CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my direct supervision; that it meets the Standards for Land Surveys in the State of New Mexico as adopted by the New Mexico State Board of Registration for Professional Engineers and Professional Surveyor's; that it meets the minimum requirements for surveys and monumentation of the Albuquerque Subdivision Ordinance; that it shows all easements of record; and that it is true and correct to the best of my knowledge and belief.





PLAT OF TRACT A PLAZA FELIZ

(BEING A REPLAT OF LOTS 1 THRU 12 AND 14 THRU 24, BLOCK 14, EMIL MANN ADDITION AND VACATED PORTIONS OF BELL AND TRUMBULL AVENUES)

> SITUATE WITHIN SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST NEW MEXICO PRINCIPAL MERIDIAN CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO JULY, 2010

HOJECT	NUMBER:	
polication	Number	

PLAT APPROVAL

Utility Approvals:

Public Service Compnay of New Mexico (PNM)	Date
New Mexico Gas Company (NMGC)	Date
QWest Corporation	Date
Comcast	Date

Comcast	
City Approvale:	8-6-10
City Surveyor	
Department of Municipal Development	Date
Real Property Division	Date
Environmental Health Department	Date
Traffic Engineering, Transportation Division	Date
A.B.C.W.U.A.	Date
Parks and Recreation Department	Date
AMAFCA	Date
City Engineer	Date
DRB Chairperson, Planning Department	Date

SHEET 1 OF 3

Consulting Surveyors

Phone: 505-897-3366 9384 Valley View Drive, N.W. Albuquerque, New Mexico 87114 Fax: 505-897-3377

LEGAL DESCRIPTION

That certain parcel of land situate within Section 30, Township 10 North, Range 4 East, New Mexico Principal Meridian, City of North, Kange 4 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Lots 1 through 12, and Lots 14 through 24, Block 14, Emil Mann Addition, as the same is shown on the plat entitled "PLAT OF EMIL MANN ADDITION, ALBUQUERQUE, NEW MEXICO, PLATTED OCTOBER 1943, ROSS—BEYER ENGINEERING OFFICE, GMS, SCALE 1" = 200", filed in the office of the County Clerk of Bernalillo County, New Mexico, on July 18, 1944, in Volume D, Folio 78C, as Document No. 62348; Together with Vacated portions of Bell Avenue S.E. and Trumbull Avenue S.E., more particularly described by survey performed by Russ P. Hugg, New Mexico Professional Surveyor Number 9750, using New Mexico State Plane Grid Bearings (Central Zone - NAD 83) and ground distances as follows:

Beginning at the northeasterly corner of the parcel herein described (a 1-1/2" iron pipe found in place), said point also being the northeasterly corner of said Lot 24, Block 14, Emil Mann Addition, and also being the intersection of the southerly right of way line of Bell Avenue S.E. and the westerly right of way line of San Pablo Street S.E., whence Albuquerque Control Survey Monument "7-K19" bears N 38'36'25" W, 2,394.29 feet distant; Thence, along said westerly right of way line of San Pablo Street S.E.

- S 01°00'54" W, 555.00 feet to the southeasterly corner of the parcel herein described (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the southeasterly corner of said Lot 14, Block 14, Emil Mann Addition, and also being the northeasterly corner of Lot 13, Block 14, Emil Mann Addition of said plat filed in Volume D. Folio 78C; Thence,
- N 88°59'06" W, 135.00 feet to an angle point (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the southwesterly corner of said Lot 14, Block 14, Emil Mann Addition, and also being the southeasterly corner of said Lot 11, Block 14. Emil Mann Addition, and also being the northeasterly corner of said Lot 12, Block 14, Emil Mann Addition, and also being the northwesterly corner of said Lot 13, Block 14, Emil Mann Addition; Thence.
- S 01°00'54" W, 54.00 feet to an angle point (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the southeasterly corner of said Lot 12, Block 14, Emil Mann Addition, and also being the southwesterly corner of said Lot 13, Block 14, Emil Mann Addition, and also being a point on the northerly right of way line of Trumbull Avenue S.E.; Thence,
- N 88'59'06" W, 113.90 feet to a point of curvature; Thence,
- Northwesterly, 12.87 feet on the arc of a curve to the right (said curve having a radius of 20.00 feet, a central angle of 36°52'12" and a chord which bears N 70°33'00" W, 12.65 feet) to a non tangent point on curve on said northerly right of way line of Trumbull Avenue S.E.; Thence,
- N 88°59'06"W , 9.10 feet to the southwesterly corner of the parcel herein described (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the southwesterly corner of said Lot 12. Block 14, Emil Mann Addition, and also being the intersection of said northerly right of way line of Trumbull Avenue S.E. and the easterly right of way line of Espanola Street S.E.; Thence, along said easterly right of way line of Espanola Street S.E.,
- N 01°00'54" E. 600.00 feet to the northwesterly corner of the parcel herein described (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the northwesterly corner of said Lot 1, Block 14, Emil Mann Addition, and also being the intersection of said easterly right of way line S.E. and of way line of Bell Avenue S.E.; Thence, along said southerly right of way line of Bell Avenue
- S 88°59'06" E, 7.87 feet to a non tangent point on curve; Thence.
- Northeasterly, 14.45 feet on the arc of a curve to the right (said curve having a radius of 20.00 feet, a central angle of 41°24'35" and a chord which bears N 7018'37" E, 14.14 feet) to a point of tangency on said southerly right of way line of Bell Avenue S.E.; Thence,
- S 88°59'06" E, 228.90 feet to a point of curvature; Thence,
- Southeasterly, 14.45 feet on the arc of a curve to the right (said curve having a radius of 20.00 feet, a central angle of 41°24'35" and a chord which bears S 6876'49" E. 14.14 feet) to a non tangent point on curve on said southerly right of way line of Bell Avenue S.E.; Thence,
- S 88°59'06" E, 6.77 feet to the point of beginning.

Said parcel contains 3.6036 acres, more or less.

PLAT OF TRACT A PLAZA FELIZ

(BEING A REPLAT OF LOTS 1 THRU 12 AND 14 THRU 24, BLOCK 14, EMIL MANN ADDITION AND VACATED PORTIONS OF BELL AND TRUMBULL AVENUES)

> SITUATE WITHIN SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST NEW MEXICO PRINCIPAL MERIDIAN CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO JULY, 2010

FREE CONSENT AND DEDICATION

SURVEYED AND REPLATTED and now comprising "PLAT OF TRACT A, PLAZA FELIZ (BEING A REPLAT OF LOTS 1 THRU 12 AND 14 THRU 24, BLOCK 14, EMIL MANN ADDITION AND VACATED PORTIONS OF BELL AND TRUMBULL AVENUES) SITUATE WITHIN SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO", is with the tree consent of and in accordance with the wishes and desires of the undersigned owner and proprietor. Said owner and proprietor does hereby dedicate the additional public street right of way as shown hereon to the City of Albuquerque in fee simple by this plat. Said owner and proprietor does hereby grant the easement(s) as shown hereon. Said owner and proprietor does hereby consent to all of the foregoing and do hereby certify that it is authorized to act.

David S. Campbell, Chief Administrative Officer, City of Albuquerque, a New Mexico Municipal Corporation.

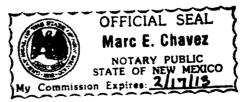
ACKNOWLEDGMENT

STATE OF NEW MEXICO COUNTY OF BERNALILLO SS

The foregoing instrument was acknowledged before me this

day of _______, 2010, by David S. Campbell, Chief Administrative Officer, City of Albuquerque, a New Mexico Municipal Corporation.

∠ My commission expires 2/17/13



SOLAR NOTE:

No property within the area of this plat shall at any time be subject to a deed restriction, covenant, or binding agreement prohibiting solar collectors from being installed on buildings or erected on lots or parcels within the area of proposed plat. The foregoing requirement shall be a condition to approval of this plat.



SHEET 2 OF 3

Phone: 505-897-3366 9384 Valley View Drive, N.W. Albuquerque, New Mexico 87114 Fax: 505-897-3377

GRAPHIC SCALE

(IN FEET)

1 inch = 40 ft.

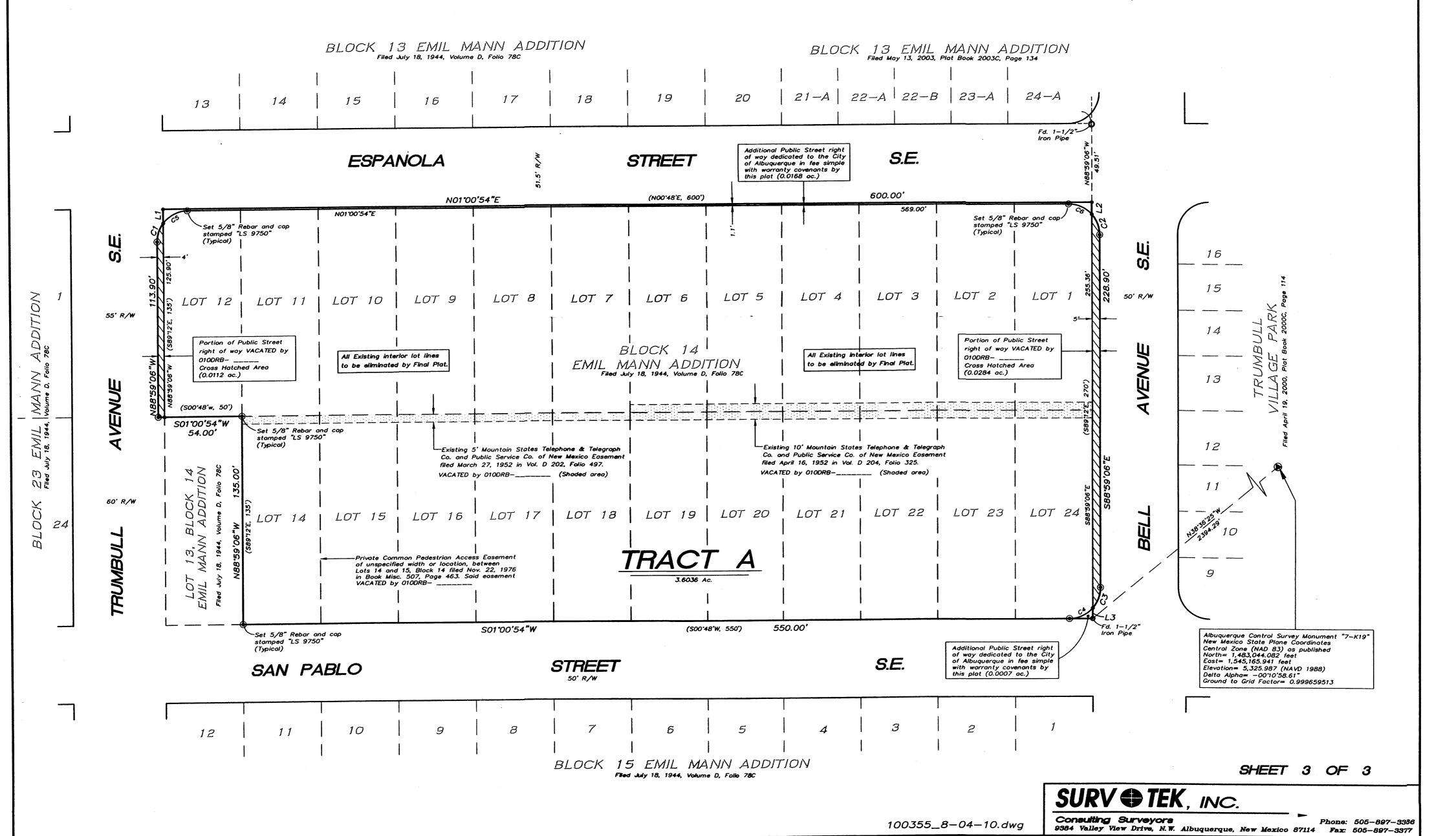
	LINE TA	BLE
LINE	LENGTH	BEARING
L1	9.10	N88*59'06"W
L2	7.87	S88*59'06"E
L3	6.77	S88*59'06"E

CURVE TABLE										
CURVE	CURVE LENGTH RADIUS TANGENT CHORD CHORD BEARING DELTA									
C1	12.87'	20.00'	6.67'	12.65'	N70°33'00"W	36°52'12"				
C2	14.45	20.00'	7.56'	14.14'	N7018'37"E	41°24'35"				
C3	14.45'	20.00	7.56'	14.14	S6816'49"E	41°24'35"				
C4	16.96	20.00'	9.03'	16.46'	N2316'49"W	48 : 35'25"				
C5	18.55	20.00'	10.00'	17.89'	S25°33'00"E	53.07.48"				
C6	16 96'	20.00'	9.03'	16.46'	S2518'37"W	48'35'25"				

PLAT OF TRACT A PLAZA FELIZ

(BEING A REPLAT OF LOTS 1 THRU 12 AND 14 THRU 24, BLOCK 14, EMIL MANN ADDITION AND VACATED PORTIONS OF BELL AND TRUMBULL AVENUES)

SITUATE WITHIN
SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JULY, 2010



THE FOLLOWING ITEMS CONCERNING A PROPOSED APARTMENT COMPLEX KNOWN AS PLAZA FELIZ, LOCATED IN EXISTING PLATTED LOTS 1-12 & 14-24, BLOCK 14, EMIL MANN ADDITION, ALBUQUERQUE, NEW MEXICO, GRADING AND DRAINAGE PLAN ARE CONTAINED HEREON:

- DRAINAGE CALCULATIONS
- 2. VICINITY MAP (L-19)

AS SHOWN BY THE VICINITY MAP, THE SITE IS BOUNDED ON THE SOUTH BY TRUMBULL AVENUE SE, ON THE WEST BY ESPANOLA STREET SE, ON THE NORTH BY BELL AVENUE SE AND BY SAN PABLO STREET SE ON THE EAST (SEE ATTACHED VICINITY MAP L-19). THE PARCEL'S LEGAL DESCRIPTION IS LOTS 1-12 & 14-24, BLOCK 14, EMIL MANN ADDITION, IN THE CITY OF ALBUQUERQUE. THIS SITE CONTAINS APPROXIMATELY 3.56 ACRES.

PER THE AERIAL PHOTOGRAPH PERFORMED IN 1999 THE ENTIRE BLOCK WAS DEVELOPED AT ONE TIME WITH EXISTING APARTMENTS AND RESIDENTIAL HOMES ALONG WITH ASSOCIATE PARKING AREAS, THEY ALSO APPEAR TO HAVE MINIMAL LANDSCAPED AREAS. SINCE THAT TIME THE WHOLE BLOCK AREA WITH THE EXCEPTION OF LOT 13 HAS BEEN ACQUIRED BY THE CITY AND THE ENTIRE APARTMENTS AND HOMES HAVE BEEN DEMOLISHED.

THE CURRENT DRAINAGE PATTERN HAS THE ENTIRE BLOCK DRAINING IN A NORTHWESTERLY DIRECTION TOWARDS ESPANOLA STREET SE. THERE IS AN EXISTING 36" STORM DRAIN ON TRUMBULL STREET SE THAT CONNECTS INTO A 48" STORM DRAIN IN ESPANOLA STREET SE ALONG WITH A NUMBER OF INLETS THAT SERVE THIS STORM DRAIN

THE SITE DOES NOT LIE WITHIN A DESIGNATED 100 YEAR FLOODPLAIN DUE TO A FLOODPLAIN REVISION THAT WAS PERFORMED IN THE SOUTHEAST HEIGHTS AND ACCORDING TO FLOOD INSURANCE RATE MAP 35001 C0354G

PROPOSED CONDITIONS

THE PROPOSAL FOR REPLATTING OF THIS SITE CONSIST OF VACATING ALL THE EXISTING LOT LINES FOR LOTS 1-12 & 14-24 IN ORDER TO MAKE THE APARTMENT COMPLEX INTO ONE SINGLE LOT SINCE IT WILL BE OWNED BY A MANAGEMENT COMPANY THAT WILL MANAGE THE UNITS AS RENTALS.

AS SHOWN BY THE PLAN, THE PROJECT CONSISTS OF AN APARTMENT COMPLEX WITH A DAY CARE CENTER AND A MANAGEMENT OFFICE. THE PLAN ALSO CONSIST OF PATIOS, SIDEWALKS, PARKING LOTS, SERVICE DRIVEWAYS, LANDSCAPING AND PLAYGROUND EQUIPMENT.

THE PLAN SHOWS PROPOSED ELEVATIONS ALONG WITH PROPOSED FINISH FLOOR ELEVATIONS FOR THE APARTMENTS IN ORDER TO PROPERLY DRAIN THE SITE TO THE EXISTING STREETS ALONG WITH GRADING EACH OF THE HARDSCAPE AREAS. THERE ARE SEVERAL ISLANDS WITHIN THE PARKING LOT THAT WILL HAVE A DEPRESSED AREA FOR LANDSCAPING, THESE AREAS WILL ACCEPT DRAINAGE FROM THE PARKING LOT THROUGH CURB CUTS AND WHEN THEY BECOME INUDATED THE FLOWS WILL SURFACE DISCHARGE OUT TO THE ADJACENT EXISTING

THE CALCULATIONS WHICH APPEAR HEREON, ANALYZE BOTH THE EXISTING AND DEVELOPED CONDITIONS FOR THE 100-YEAR, 6 HOUR RAINFALL RUNOFF FOR PEAK FLOWS AND STORM DURATION FOR VOLUME REQUIREMENTS. THE PROCEDURE FOR 40 ACRE AND SMALLER BASINS AS SET FORTH IN THE REVISION OF SECTION 22.7 HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA, DATED JANUARY 1993. THIS D.P.M. PROCEDURE IS USED FOR ANALYZING ONSITE FLOWS.

DOWNSTREAM CAPACITY

SINCE THIS SITE IS AN INFILL SITE AND WAS PREVIOUSLY DEVELOPED WITH APARTMENTS AND RESIDENTIAL LOTS ALONG WITH STORM DRAIN IMPROVEMENTS ON THE STREET FRONTAGE IT APPEARS THAT FREE DISCHARGE FROM THIS SITE WILL HAVE NO IMPACT TO DOWNSTREAM CAPACITY.

IT DOES NOT APPEAR THAT OFFSITE FLOWS SHOULD IMPACT THE SITE SINCE NONE OF THE STREETS ARE IN A DESIGNATED 100-YEAR FLOODPLAIN. THE FINISH FLOOR ELEVATIONS WILL BE SET AT LEAST 12" MINIMUM ABOVE THE ADJACENT STREET CURB FLOWLINE FOR EACH APARTMENT COMPLEX TO PROVIDE ADDITIONAL FLOOD PROTECTION FROM THE STREET.

THE CONTRACTOR WILL BE REQUIRED TO PROVIDE SILT FENCES AROUND THE PROPOSED COMMUNICATION ARE AT THE BACK OF EXISTING SIDEWALK OR ALONG THE EXISTING CHAINLINK FENCE ON THE SITE IN ORDER TO MINIMIZE SEDIMENT INTO THE PUBLIC ROADWAYS.

CONTRACTOR WILL ALSO BE REQUIRED TO PROTECT EXISTING INLETS ADJACENT TO THE SITE WITH SEDIMENT CONTROL MEASURES DURING CONSTRUCTION IN ORDER TO MINIMIZE SEDIMENT FROM ENTERING THESE INLETS.

DRAINAGE CALCULATIONS 1. PRECIPITATION ZONE = 3

DESIGN STORM = DEPTH (INCHES) AT 100-YEAR STORM

6-HOUR = 2.60 INCHES 24-HOUR = 3.10 INCHES

10 DAY = 4.90 INCHES

PEAK DISCHARGE (CFS/ACRE) FOR 100-YEAR, ZONE 2, TABLE A-9:

Q = 1.87 CFS/ACRE SOIL UNCOMPACTED "A" Q = 2.60 CFS/ACRE LANDSCAPED "B"

Q = 3.45 CFS/AC COMPACTED SOIL "C"

Q = 5.02 CFS/ACRE IMPERVIOUS AREA "D" FOR WATERSHEDS LESS THAN OR EQUAL TO 40 ACRES

EXCESS PRECIPITATION, E (INCHES), 6 HOUR STORM, ZONE 2, TABLE A-8:

E = 0.66INCHES SOIL UNCOMPACTED "A"

E = 0.92 INCHES LANDSCAPED "B"

E = 1.29 INCHES COMPACTED SOIL "C" E = 2.36INCHES IMPERVIOUS AREA 'D"

PRE-EXISTING CONDITIONS ONSITE PER 1999 AERIAL PHOTOGRAPH:

EXISTING TOTAL AREA OF SITE = 3.56ACRES BASED ON THE AERIAL PHOTOGRAPH IT APPEARS THAT THE SITE MAINLY CONSISTED OF ROOF AREAS, PAVED PARKING AREAS ALONG WITH INTERNAL SIDEWALKS, FOR CALCULATION PURPOSES USE TABLE A-5 OF THE DPM FOR MULTIPLE UNIT RESIDENTIAL "ATTACHED" WITH A PERCENT IMPERVIOUS 70% TREATMENT "D" WITH 30% TREATMENT "B". BASED ON THE AERIAL IT APPEARS THE IMPERVIOUS AREA IS LARGER THAN 70%. BUT WILL ASSUME 70%

TREATMENT	AREA(ACRES)
Α	0
В	3.56AC X 30% = 1.07AC
С	0
D	3.56AC X 70% = 2.49AC

 $Q(EXISTING-6HR) = (2.60 \times 1.07) + (5.02 \times 2.49)$

= 15.28CFS (6HR) EXISTING ONSITE FLOW INTO EXISTING ADJACENT STREETS

 $V(EXISTING-6HR) = ((0.92 \times 1.07) + (2.36 \times 2.49))/12$

= 0.56AC-FT = 24,305CF EXISTING ONSITE VOLUME INTO EXISTING ADJACENT STREETS

PROPOSED CONDITIONS ONSITE:

BASIN "A-1", TOTAL AREA = 0.21ACRES INTO ESPANOLA STREET SE TYPE (TREATMENT "D") = ROOF AREA AND SIDEWALKS = 0.15AC

TYPE (TREATMENT "B") = LANDSCAPED AREAS = 0.06AC TREATMENT AREA(ACRES)

Q(PROPOSED) = $(2.60 \times 0.06) + (5.02 \times 0.15) = 0.91$ CFS (6HR) PROPOSED ONSITE FLOW INTO ESPANOLA STREET

 $V(EXISTING-6HR) = \{(0.92 \times 0.06) + (2.36 \times 0.15)\}/12\}$ = 0.03AC-FT = 1,485CF PROPOSED VOLUME INTO ESPANOLA STREET SE

BASIN "A-2", TOTAL AREA = 0.24ACRES INTO ESPANOLA STREET SE TYPE (TREATMENT "D") = ROOF AREA AND SIDEWALKS = 0.18AC TYPE (TREATMENT "B") = LANDSCAPED AREAS = 0.06AC

TREATMENT AREA(ACRES)

Q(PROPOSED) = $(2.60 \times 0.06) + (5.02 \times 0.18) = 1.06CFS (6HR) PROPOSED$ ONSITE FLOW INTO ESPANOLA STREET SE

 $V(EXISTING-6HR) = \{(0.92 \times 0.06) + (2.36 \times 0.18)\}/12\}$ = 0.04AC-FT = 1,724CF PROPOSED VOLUME INTO ESPANOLA STREET SE

BASIN "A-3", TOTAL AREA = 0.20ACRES INTO ESPANOLA STREET SE TYPE (TREATMENT "D") = ROOF AREA AND SIDEWALKS = 0.16AC TYPE (TREATMENT "B") = LANDSCAPED AREAS = 0.06AC TREATMENT AREA(ACRES)

Q(PROPOSED) = $(2.60 \times 0.04) + (5.02 \times 0.19) = 1.06CFS (6HR) PROPOSED$ ONSITE FLOW INTO ESPANOLA STREET SE

 $V(EXISTING-6HR) = ((0.92 \times 0.04) + (2.36 \times 0.16))/12)$ = 0.03AC-FT = 1.504CF PROPOSED VOLUME INTO ESPANOLA STREET SE

BASIN "A-4", TOTAL AREA = 0.90ACRES INTO ESPANOLA STREET SE TYPE (TREATMENT "D") = PARKING LOT AND SIDEWALKS = 0.73AC TYPE (TREATMENT "B") = LANDSCAPED AREAS = 0.17AC TREATMENT AREA(ACRES) Q(PROPOSED) = $(2.60 \times 0.17) + (5.02 \times 0.73) = 4.11CFS (6HR) PROPOSED$

 $V(EXISTING-6HR) = ((0.92 \times 0.17) + (2.36 \times 0.73))/12)$ = 0.16AC-FT = 6,821CF PROPOSED VOLUME

ONSITE FLOW INTO ESPANOLA STREET SE

INTO ESPANOLA STREET SE

BASIN "A-5", TOTAL AREA = 1.20ACRES INTO ESPANOLA STREET SE TYPE (TREATMENT "D") = ROOF AREA, PARKING LOT AND SIDEWALKS = 0.81AC TYPE (TREATMENT "B") = LANDSCAPED AREAS = 0.39AC AREA(ACRES)

Q(PROPOSED) = $(2.60 \times 0.39) + (5.02 \times 0.81) = 5.08CFS (6HR) PROPOSED$ ONSITE FLOW INTO ESPANOLA STREET SE

 $V(EXISTING-6HR) = (0.92 \times 0.39) + (2.36 \times 0.81))/12$ = 0.19AC-FT = 8,242CF PROPOSED VOLUME INTO ESPANOLA STREET SE

BASIN "B-1", TOTAL AREA = 0.19ACRES INTO BELL STREET SE TYPE (TREATMENT "D") = ROOF AREA AND SIDEWALKS = 0.12AC TYPE (TREATMENT "B") = LANDSCAPED AREAS = 0.07AC

AREA(ACRES)

 $Q(PROPOSED) = (2.60 \times 0.07) + (5.02 \times 0.12) = 0.78CFS (6HR) PROPOSED$ ONSITE FLOW INTO BELL STREET SE

 $V(EXISTING-6HR) = (0.92 \times 0.07) + (2.36 \times 0.12) / 12)$ = 0.03AC-FT = 1,262CF PROPOSED VOLUME INTO BELL STREET SE

BASIN "C-1", TOTAL AREA = 0.62ACRES INTO SAN PABLO STREET SE TYPE (TREATMENT "D") = ROOF AREA AND SIDEWALKS = 0.43AC TYPE (TREATMENT "B") = LANDSCAPED AREAS = 0.19AC

TREATMENT AREA(ACRES)

Q(PROPOSED) = $(2.60 \times 0.19) + (5.02 \times 0.43) = 2.65CFS (6HR) PROPOSED$ ONSITE FLOW INTO SAN PABLO STREET SE

 $V(EXISTING-6HR) = (0.92 \times 0.19) + (2.36 \times 0.43))/12)$ = 0.10AC-FT = 4,318CF PROPOSED VOLUME INTO BELL STREET SE

IMPACT OF THIS DEVELOPMENT ON DOWNSTREAM CAPACITY NORTH ON DALLAS STREET AND PENNSYLVANIA STREET AND ULTIMATELY INTO THE TRUMBULL STREET SE

Q(PRE-EXISTING) = 15.28CFS (6HR) EXISTING ONSITE FLOW INTO EXISTING ADJACENT STREETS

Q(PROPOSED) = 0.91 + 1.06 + 1.06 + 4.11 + 5.08 + 0.78 + 2.56= 15.56 CFS PROPOSED ONSITE FLOW INTO EXISTING ADJACENT STREETS FLOW INCREASE = 15.56CFS - 15.28 CFS = 0.28CFS PROPOSED INCREASE OF FLOW INTO HAS MINIMAL IMPACT TO FLOWS INTO TO DOWNSTREAM CAPACITY.

8. SIZE CHANNEL AND SIDEWALK CULVERT PROPOSED IN BASIN A-5:

BASIN "A-5", Q = 5.08CFS (6HR) ONSITE FLOW TO CHANNEL AND SIDEWALK

CHECK ENTRANCE WIDTH AT SOUTHERN PARKING LOT, PRORATE Q $Q = (0.63/1.20) \times 5.08CFS = 2.67CFS$ USE WEIR EQUATION FOR SIZING OPENING: Q = C X L X (H)3/2

L=Q/CX(H)3/2Q= 3.06CFS C = 3.0 COEFFICIENT H = 0.5' HIGH CURB L = 2.67 / 3.0 (0.5)3/2 = 2.51 FOOT IN WIDTH, USE 3'-0" OPENING IN CURB

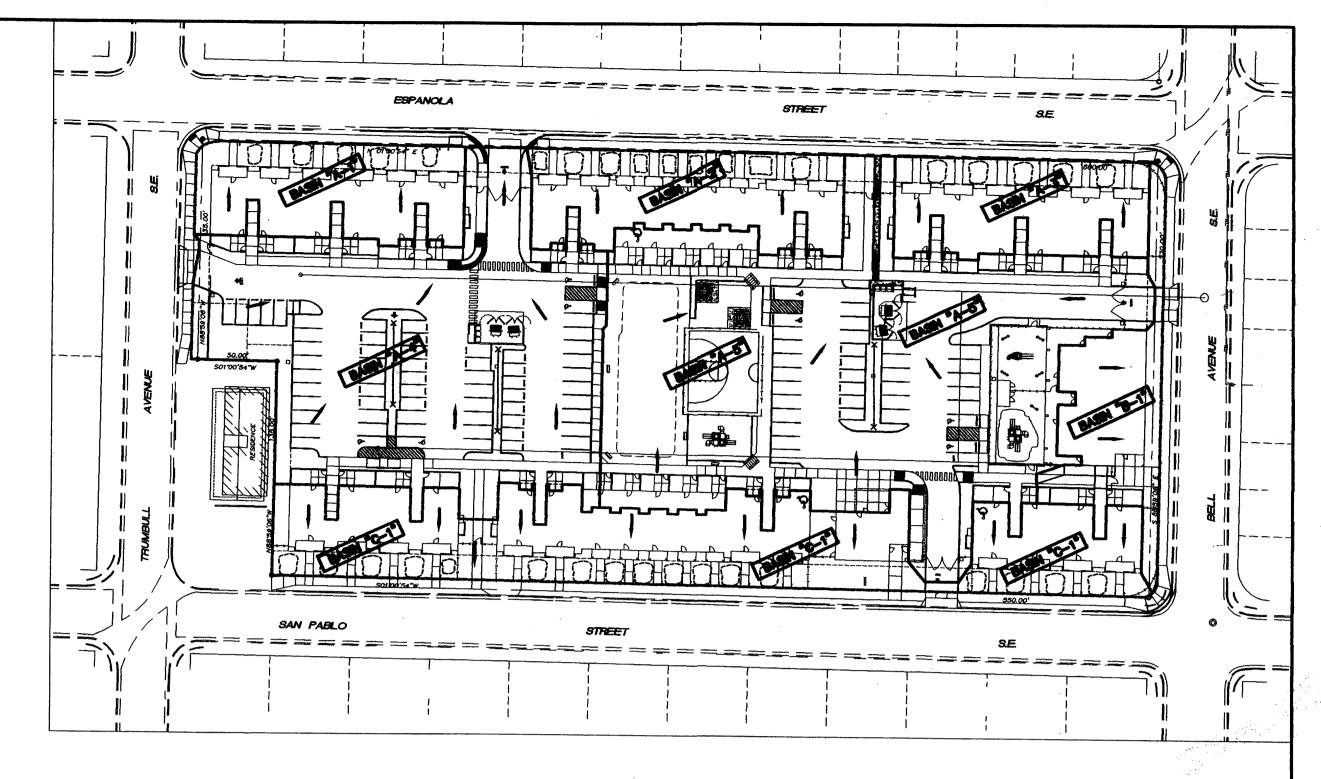
CHECK ENTRANCE WIDTH AT NORTHERN PARKING LOT, PRORATE Q $Q = (0.57/1.20) \times 5.08CFS = 2.41CFS$ USE WEIR EQUATION FOR SIZING OPENING:

Q = C X L X (H)3/2L=Q/CX(H)3/2Q= 2.41 CFS C = 3.0 COEFFICIENT H = 0.5' HIGH CURB L = 2.41 / 3.0 (0.5)3/2 = 2.27 FOOT IN WIDTH, USE 26" OPENING IN CURB

SIZE CHANNEL USING MANNING'S EQUATION: $Q = a \times 1.486/n \times R2/3 \times S1/2$ n = 0.013, SLOPE = 0.5%, Q = 5.08CFS, DEPTH = 0.5' COMPUTER RESULTS: ASSUME 2'-6" WIDTH, DEPTH = 0.5', V = 4.07FPS, F = 1.01, ENERGY HEAD = 0.76', IF THE CHANNEL DEPTH SHOULD EXCEED 0.5', ADJACENT GRADE IS HIGHER TO ACCOMMODATE THESE FLOWS PER THE GRADING PLAN.

CHECK CURB DEPTH AT BOTTOM OF BASIN A-4 TO DETERMINE IF FLOWS CAN OVERTOP CURB AND REQUIRED FLOOD PROOFING FOR THE APARTMENT COMPLEX AT THE SOUTHEAST CORNER OF THE SITE:

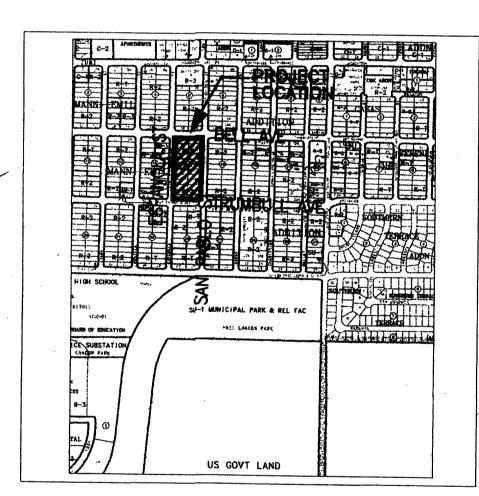
SIZE CURB USING MANNING'S EQUATION: $Q = a \times 1.486/n \times R2/3 \times S1/2$ n = 0.017, LONGITUDINAL SLOPE = 0.7%, SIDESLOPE 1 = VERTICAL, SIDESLOPE 2 = 42:1, Q = 4.11CFS (ENTIRE BASIN), **COMPUTER RESULTS:** V = 2.08FPS, F = 0.93, ENERGY HEAD = 0.37 DEPTH = 0.3' < 0.5' CURB HEIGHT - OK FLOWS DO NOT TOP CURB.



DRAINAGE BASIN BOUNDARY MAP

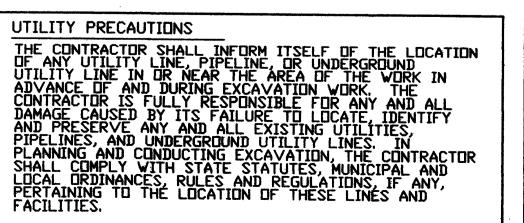
SCALE: 1" = 60'

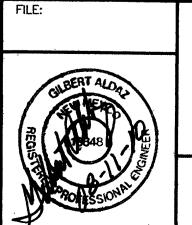




VICINITY MAP L-19 SCALE: N.T.S.



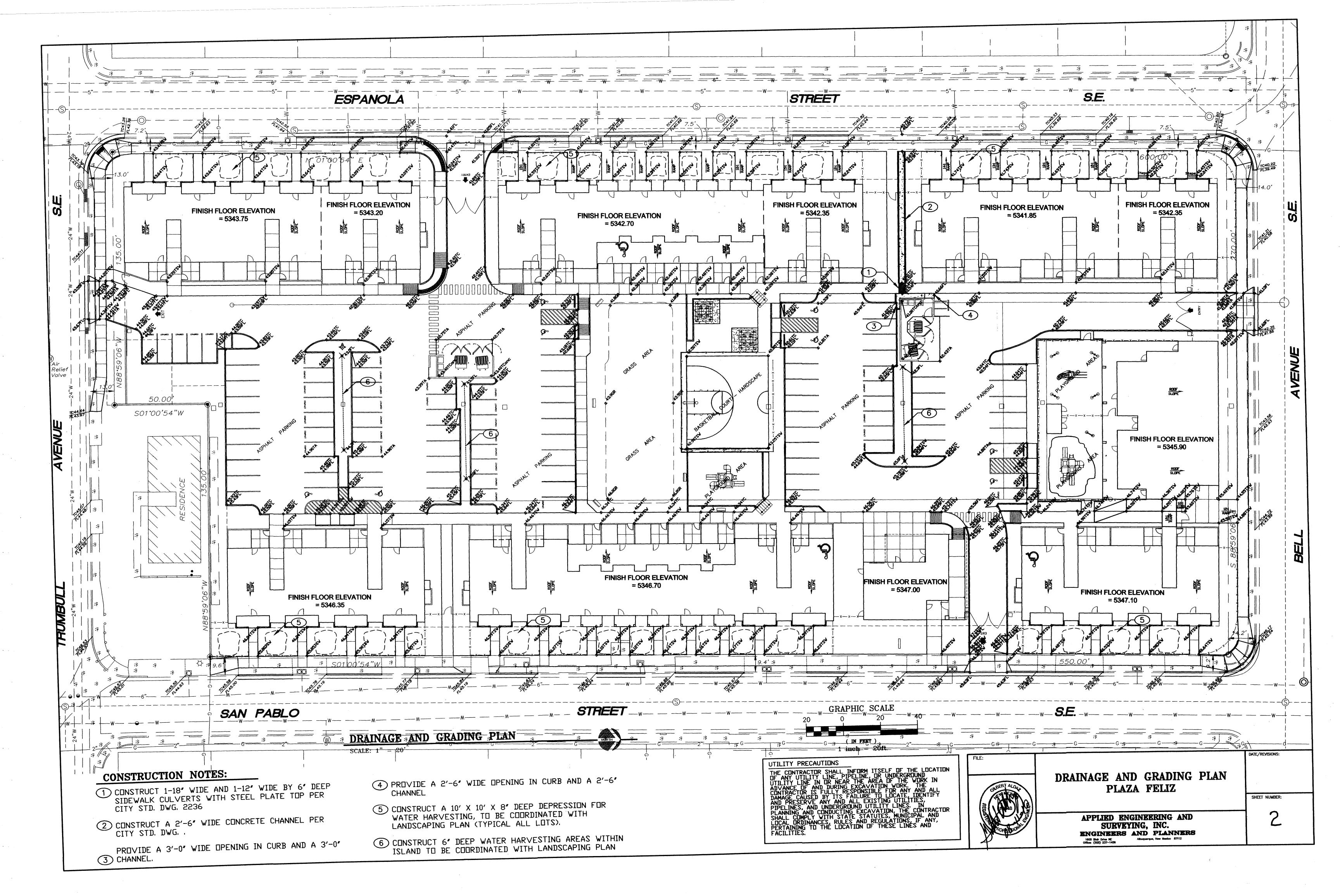




DRAINAGE ANALYSIS PLAZA FELIZ

APPLIED ENGINEERING AND SURVEYING, INC. ENGINEERS AND PLANNERS SHEET NUMBER:

DATE/REVISIONS:



VACATION EXHIBIT

BLOCK 14, EMIL MANN ADDITION

SITUATE WITHIN

SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST

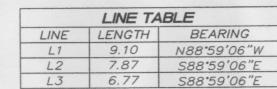
NEW MEXICO PRINCIPAL MERIDIAN CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

JULY, 2010

Consulting Surveyors

9384 Valley View Drive, N.W. Albuquerque, New Mexico 87114 Fax: 505-897-3377

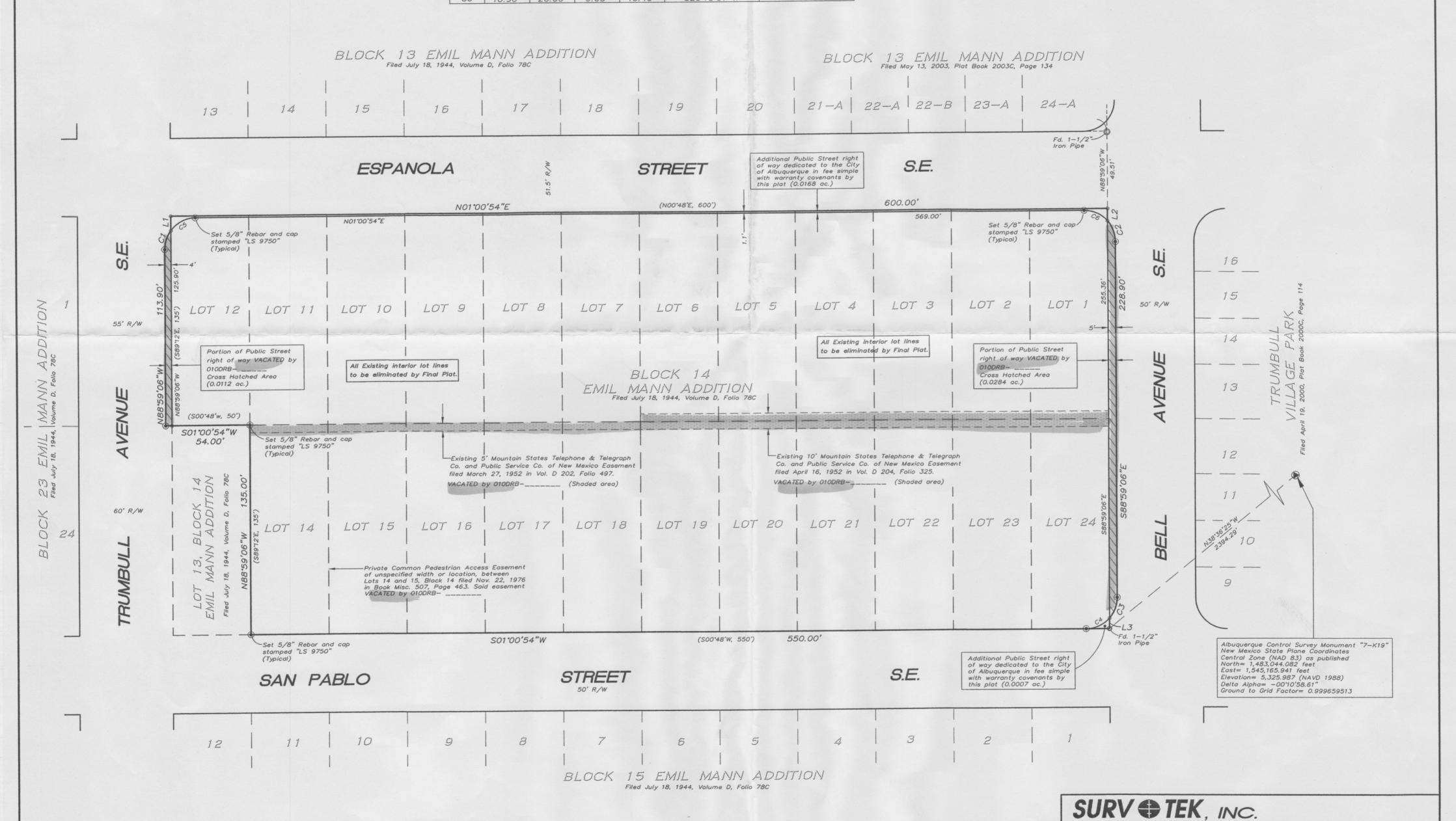
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GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

	CURVE TABLE												
CURVE	LENGTH	RADIUS	TANGENT	CHORD	CHORD BEARING	DELTA							
C1	12.87	20.00	6.67'	12.65'	N70°33'00"W	36°52′12″							
C2	14.45	20.00'	7.56'	14.14'	N70°18'37"E	41°24'35"							
C3	14.45'	20.00'	7.56'	14.14'	S68°16'49"E	41°24'35"							
C4	16.96	20.00'	9.03'	16.46	N23°16'49"W	48 35 25"							
C5	18.55'	20.00'	10.00'	17.89'	S25*33'00"E	53°07'48"							
C6	16 96'	20.00'	9.03'	16.46	S25°18'37"W	48°35'25"							



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ROSS-W EYER S ENGINEERING G. M. S. ALE 1=200 OFFICE

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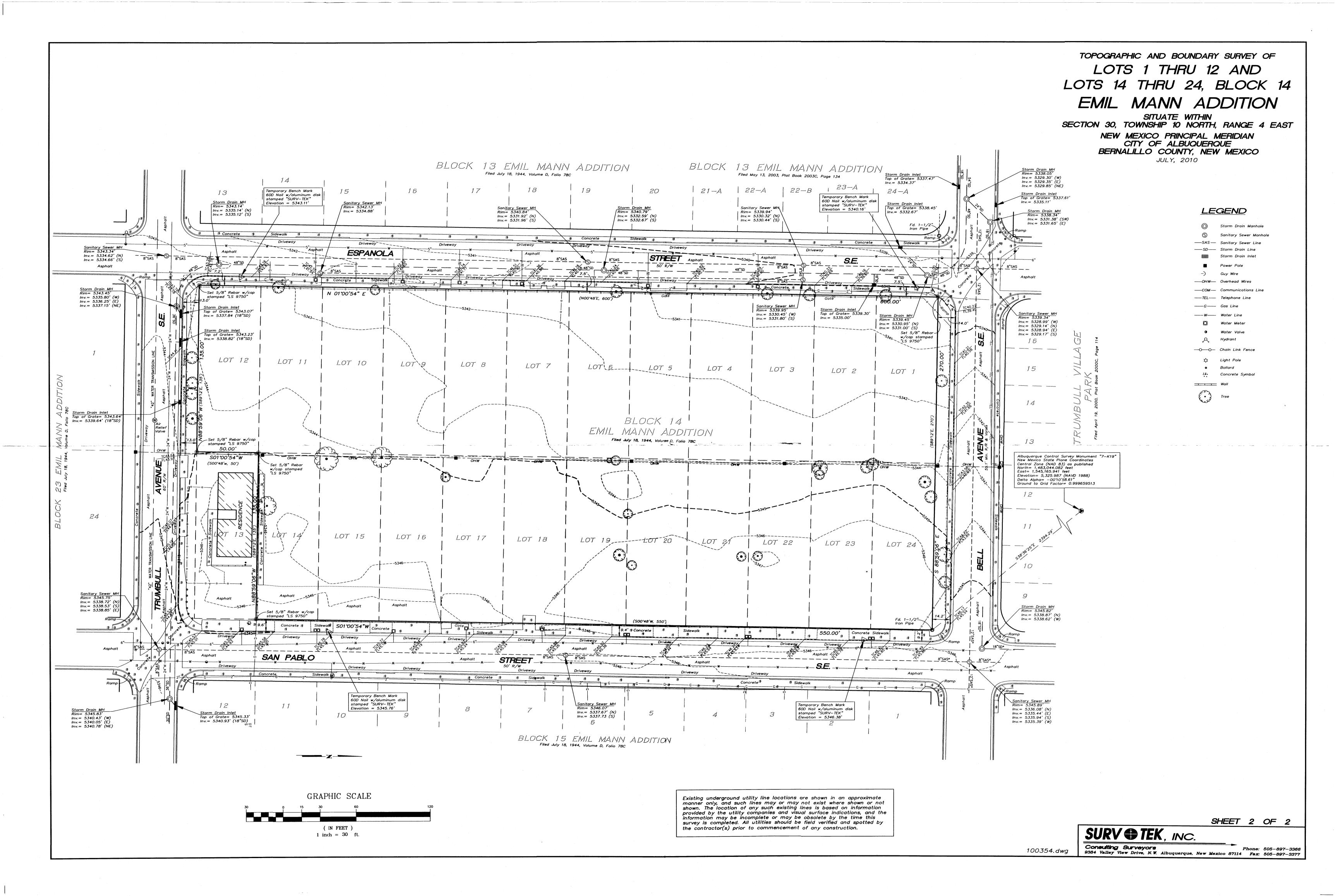
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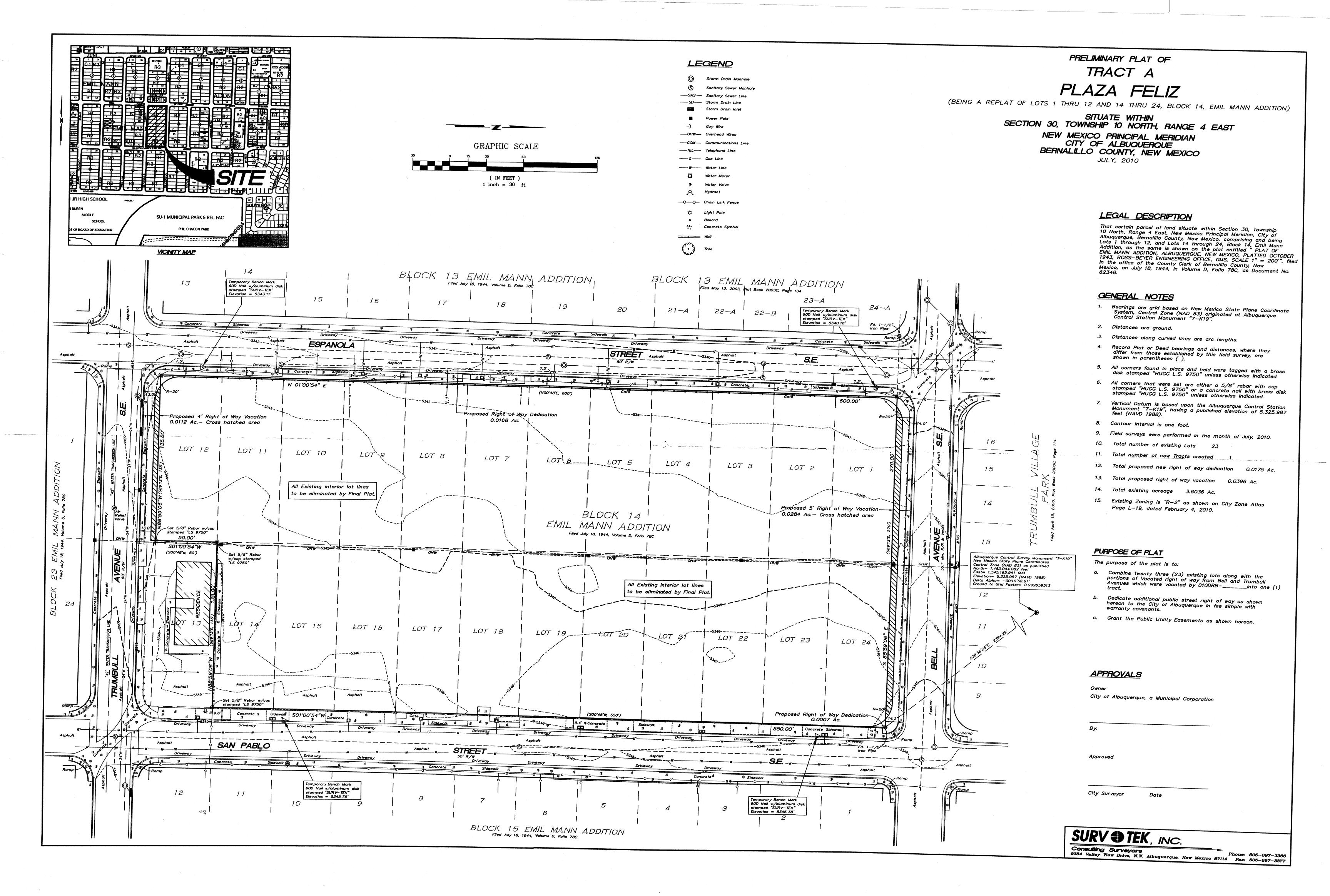
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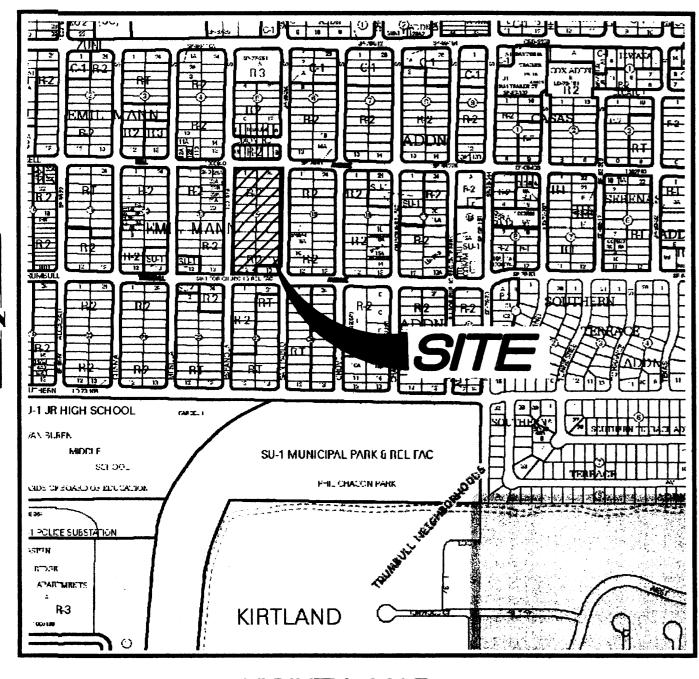
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MESA PARK ADDITION







VICINTY MAP Not To Scale

GENERAL NOTES

- Bearings are grid based on New Mexico State Plane Coordinate System, Central Zone (NAD 83) originated at Albuquerque Control Station Monument "7-K19".
- 2. Distances are ground.
- Distances along curved lines are arc lengths.
- Record Plat or Deed bearings and distances, where they differ from those established by this field survey, are shown in parentheses ().
- All corners found in place and held were tagged with a brass disk stamped "HUGG L.S. 9750" unless otherwise indicated.
- All corners that were set are either a 5/8" rebar with cap stamped "HUGG L.S. 9750" or a concrete nail with brass disk stamped "HUGG L.S. 9750" unless otherwise indicated.
- 7. City of Albuquerque Zone Atlas: Page L-19-Z.
- 8. Documents used in the preparation of this survey are as
- a. Plat entitled "PLAT OF EMIL MANN ADDITION, ALBUQUERQUE, NEW MEXICO, PLATTED OCTOBER 1943, ROSS-BEYER ENGINEERING OFFICE, GMS, SCALE 1" = 200", filed in the office of the County Clerk of Bernalillo County, New Mexico, on July 18, 1944, in Volume D. Folio 78C, as Document No. 62348.

SUBDIVISION DATA

Total number of existing Lots: 23

Total number of new Tracts created: 1

Gross Subdivision acreage: 3.6036 acres.

TREASURERS CERTIFICATION

This is to certify that taxes are current and paid on the following: 1019056 13543021401-thru 21413 City of albuquerque

Bernalillo County Treasurer

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

10-25-16

- Public Service Company of New Mexico (PNM), a New Mexico corporation, (PNM Electric) for installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical services.
- New Mexico Gas Company for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- QWest Corporation for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide communication
- Comcast Cable for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, with the right and privilege of going upon, over and across adjoining lands of Grantor for the purposes set forth herein and with the right to utilize the right of way and easement to extend services to customers of Grantee, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (aboveground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code by construction of pools, decking, or any structures adjacent to or near easements shown on this plat.

Easements for electric transformers/switchgears, as installed, shall extend ten feet (10') in front of transformer/switchgear doors and five feet (5') on each side.

DISCLAIMER

In approving this plat, Public Service Company of New Mexico (PNM) and New Mexico Gas Company (NMGC) did not conduct a Title Search of the properties shown hereon. Consequently, PNM and NMGC do not waive nor release any easement or easement rights to which it may have been granted by prior plat, replat or other document and which are not shown on this plat.

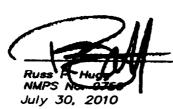
PURPOSE OF PLAT :

The purpose of the plat is to:

- Combine twenty three (23) existing lots along with the portions of Vacated right of way from Bell and Trumbull Avenues which were vacated by 010DRB-70227 into one (1)
- Dedicate additional public street right of way as shown hereon to the City of Albuquerque in fee simple.
- Grant the Public Utility Easements as shown hereon.

SURVEYOR'S CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my direct supervision; that it meets the Standards for Land Surveys in the State of New Mexico as adopted by the New Mexico State Board of Registration for Professional Engineers and Professional Surveyor's; that it meets the minimum requirements for surveys and monumentation of the Albuquerque Subdivision Ordinance; that it shows all easements of record; and that it is true and correct to the best of my knowledge and belief.





PLAT OF TRACT A PLAZA FELIZ

(BEING A REPLAT OF LOTS 1 THRU 12 AND 14 THRU 24, BLOCK 14, EMIL MANN ADDITION AND VACATED PORTIONS OF BELL AND TRUMBULL AVENUES)

> SITUATE WITHIN SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST NEW MEXICO PRINCIPAL MERIDIAN CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

> > JULY, 2010

DOC# 2010108385

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10/25/2010 02:23 PM Page: 1 of 3 PLAT R:\$17.00 B: 2010C P: 0124 M. Toulous Olivere, Bernalillo Cour

1008360

THOOLOT HOMELET	
Application Number: 10028-70226	10028-70227
100RB-70229	
PLAT APPROVAL	
Utility Approvals:	
Public Service Compnay of New Mexico (PNM)	10-12-2010 Date
New Mexico Gas Company (NMGC)	10/12/2010 Date
QWest Corperation	10-14-10 Date
Comcdst	10 · 17 · 10
City Approvals:	
City Surveyor	8-6-10
Department of Municipal Development	Date
Real Property Division	9- 28-10 Date
Environmental Health Department	Date
Traffic Engineering, Kansportation Division	09/15/10
Ollan Veter	09 15/10
Christina Sandoval	9/15/10
Bradly d. Birchan	9/15/10
AMARCA B.	Date

SHEET 1 OF 3

SURV @ TEK, INC.

Chairperson, Planning Department

100355_8-04-10.dwg

LEGAL DESCRIPTION

That certain parcel of land situate within Section 30, Township 10 North, Range 4 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Lots 1 through 12, and Lots 14 through 24, Block 14, Emil Mann Addition, as the same is shown on the plat entitled "PLAT OF EMIL MANN ADDITION, ALBUQUERQUE, NEW MEXICO, PLATTED OCTOBER 1943, ROSS-BEYER ENGINEERING OFFICE, GMS, SCALE 1" = 200", filed in the office of the County Clerk of Bernalillo County, New Mexico, on July 18, 1944, in Volume D, Folio 78C, as Document No. 62348; Together with Vacated portions of Bell Avenue S.E. and Trumbull Avenue S.E., more particularly described by survey performed by Russ P. Hugg, New Mexico Professional Surveyor Number 9750, using New Mexico State Plane Grid Bearings (Central Zone - NAD 83) and ground distances as follows:

Beginning at the northeasterly corner of the parcel herein described (a 1-1/2" iron pipe found in place), said point also being the northeasterly corner of said Lot 24, Block 14, Emil Mann Addition, and also being the intersection of the southerly right of way line of Bell Avenue S.E. and the westerly right of way line of San Pablo Street S.E., whence Albuquerque Control Survey Monument "7-K19" bears N 38°36'25" W, 2,394.29 feet distant; Thence, along said westerly right of way line of San Pablo Street S.E.

- S 01°00'54" W, 555.00 feet to the southeasterly corner of the parcel herein described (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the southeasterly corner of said Lot 14, Block 14, Emil Mann Addition, and also being the northeasterly corner of Lot 13, Block 14, Emil Mann Addition of said plat filed in Volume D, Folio 78C; Thence,
- N 88°59'06" W, 135.00 feet to an angle point (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the southwesterly corner of said Lot 14, Block 14, Emil Mann Addition, and also being the southeasterly corner of said Lot 11, Block 14. Emil Mann Addition, and also being the northeasterly corner of said Lot 12, Block 14, Emil Mann Addition, and also being the northwesterly corner of said Lot 13, Block 14, Fmil Mann Addition; Thence,
- S 01°00′54″ W, 54.00 feet to an angle point (a 5/8″ rebar with cap stamped "LS 9750" set in place), said point also being the southeasterly corner of said Lot 12. Block 14, Emil Mann Addition, and also being the southwesterly corner of said Lot 13, Block 14, Emil Mann Addition, and also being a point on the northerly right of way line of Trumbull Avenue S.E.; Thence,
- N 88°59'06" W, 113.90 feet to a point of curvature; Thence,
- Northwesterly, 12.87 feet on the arc of a curve to the right (said curve having a radius of 20.00 feet, a central angle of 36°52'12" and a chord which bears N 70°33'00" W, 12.65 feet) to a non tangent point on curve on said northerly right of way line of Trumbull Avenue S.E.; Thence,
- N 88°59'06"W , 9.10 feet to the southwesterly corner of the parcel herein described (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the southwesterly corner of said Lot 12, Block 14, Emil Mann Addition, and also being the intersection of said northerly right of way line of Trumbull Avenue S.E. and the easterly right of way line of Espanola Street S.E.; Thence, along said easterly right of way line of Espanola Street S.E.,
- N 01°00'54" E, 600.00 feet to the northwesterly corner of the parcel herein described (a 5/8" rebar with cap stamped "LS 9750" set in place), said point also being the northwesterly corner of said Lot 1, Block 14, Emil Mann Addition, and also being the intersection of said easterly right of way line of Espanola Street S.E. and said southerly right of way line of Bell Avenue S.E.; Thence, along said southerly right of way line of Bell Avenue
- S 88°59'06" E, 7.87 feet to a non tangent point on curve; Thence.
- Northeasterly, 14.45 feet on the arc of a curve to the right (said curve having a radius of 20.00 feet, a central angle of 41°24'35" and a chord which bears N 7078'37" E, 14.14 feet) to a point of tangency on said southerly right of way line of Bell Avenue S.E.: Thence.
- S 88°59'06" E, 228.90 feet to a point of curvature; Thence,
- Southeasterly, 14.45 feet on the arc of a curve to the right (said curve having a radius of 20.00 feet, a central angle of 41°24'35" and a chord which bears S 6816'49" E, 14.14 feet) to a non tangent point on curve on said southerly right of way line of Bell Avenue S.E.; Thence,
- S 88°59'06" E, 6.77 feet to the point of beginning.

Said parcel contains 3.6036 acres, more or less.

PLAT OF TRACT A PLAZA FELIZ

(BEING A REPLAT OF LOTS 1 THRU 12 AND 14 THRU 24, BLOCK 14, EMIL MANN ADDITION AND VACATED PORTIONS OF BELL AND TRUMBULL AVENUES)

> SITUATE WITHIN SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST NEW MEXICO PRINCIPAL MERIDIAN CITY OF ALBUQUERQUE BERNALILLO COUNTY. NEW MEXICO JULY. 2010

> > DOC# 2010108385 10/25/2010 02:23 PM Page: 2 of 3 PLAT R:\$17.00 B: 2010C P: 0124 M. Toulous Olivere, Bernalillo Cour

FREE CONSENT AND DEDICATION

SURVEYED AND REPLATTED and now comprising "PLAT OF TRACT A, PLAZA FELIZ (BEING A REPLAT OF LOTS 1 THRU 12 AND 14 THRU 24, BLOCK 14, EMIL MANN ADDITION AND VACATED PORTIONS OF BELL AND TRUMBULL AVENUES) SITUATE WITHIN SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO", is with the free consent of and in accordance with the wishes and desires of the undersigned owner and proprietor. Said owner and proprietor does hereby dedicate the additional public street right of way as shown hereon to the City of Albuquerque in fee simple by this plat. Said owner and proprietor does hereby grant the easement(s) as shown hereon. Said owner and proprietor does hereby consent to all of the foregoing and do hereby certify that it is authorized to act.

David S. Campbell, Chief Administrative Officer, City of Albuquerque, a New Mexico Municipal Corporation.

ACKNOWLEDGMENT

STATE OF NEW MEXICO COUNTY OF BERNALILLO SS

The foregoing instrument was acknowledged before me this

day of August, 2010, by David S. Campbell, Chief Administrative Officer, City of Albuquerque, a New Mexico Municipal Corporation.

My commission expires 2/17/13

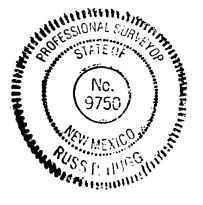
Notary Public

My commission expires 2/17/13



SOLAR NOTE:

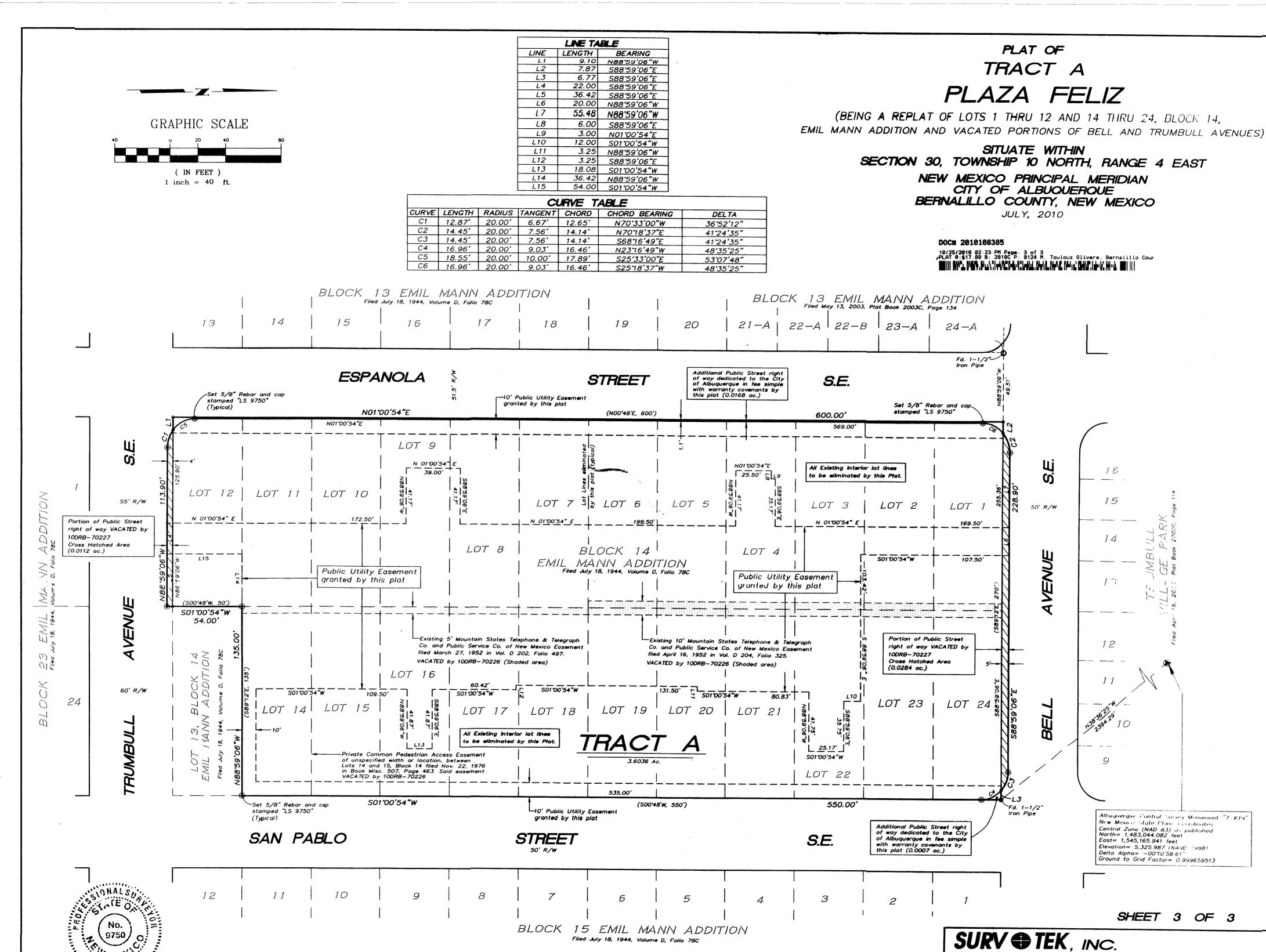
No property within the area of this plat shall at any time be subject to a deed restriction, covenant, or binding agreement prohibiting solar collectors from being installed on buildings or erected on lots or parcels within the area of proposed plat. The foregoing requirement shall be a condition to approval of this plat.



SHEET 2 OF 3

Phone: 505-897-3366

SURV @ TEK. INC.



Consulting Surveyors

9364 Valley View Drive, N. W. Albuquerque, New Mexico 87114

Phone: 505-897-3368
Fax: 505-897-3377

