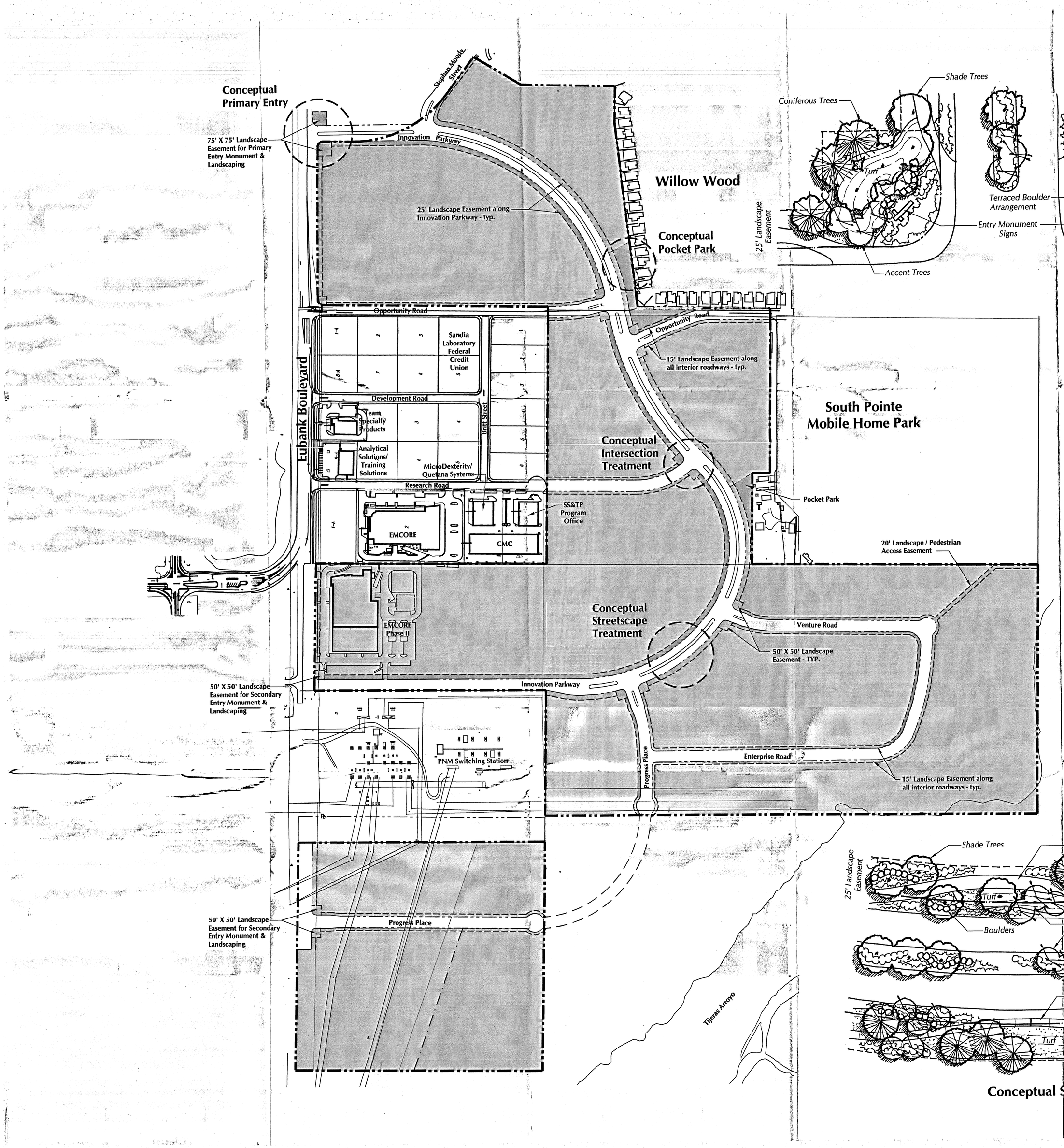
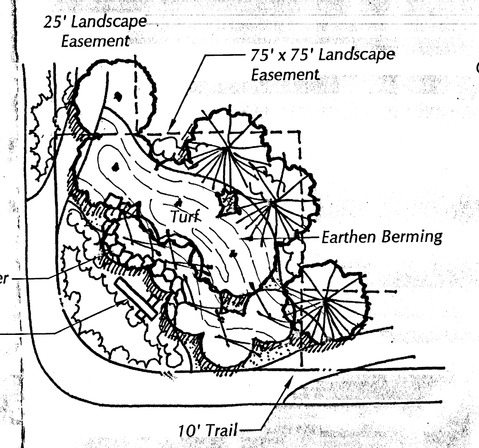
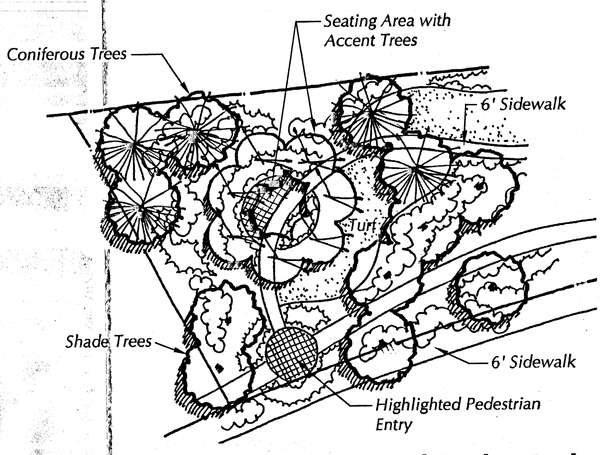
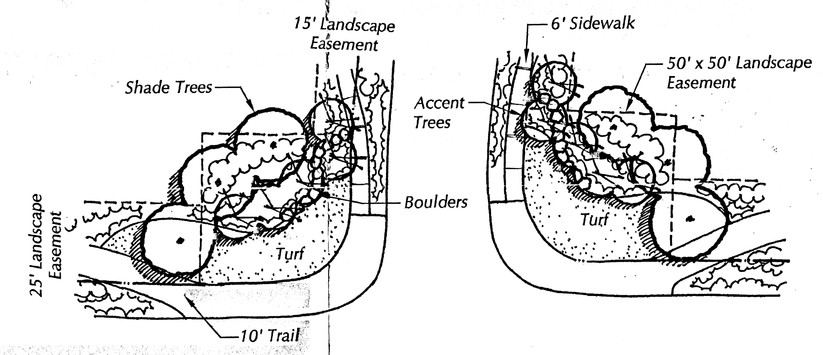




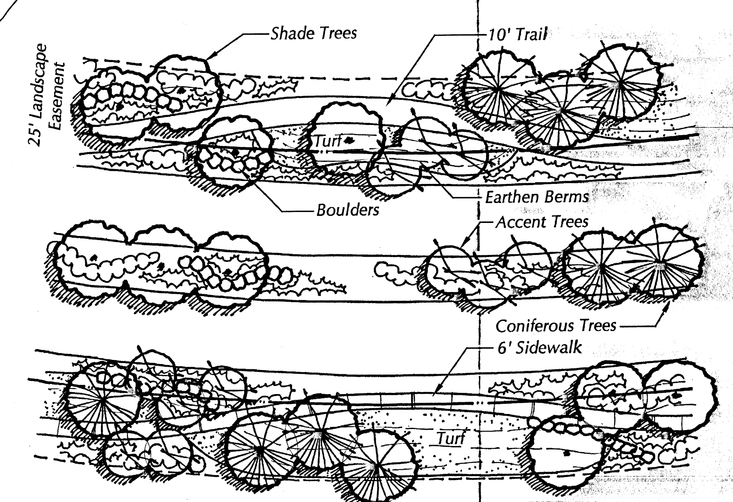
Conceptual Primary Entry



Conceptual Pocket Park



Conceptual Intersection Treatment



Conceptual Streetscape Treatment

Landscape Master Plan

Sandia Science and Technology Park

Prepared For:

Science and Technology Park Development Corporation
Albuquerque, New Mexico 87120

Prepared By:

CONSENSUS PLANNING, INC.
Planning / Landscape Architecture
924 Park Avenue SW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495
e-mail: cp@consensusplanning.com

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

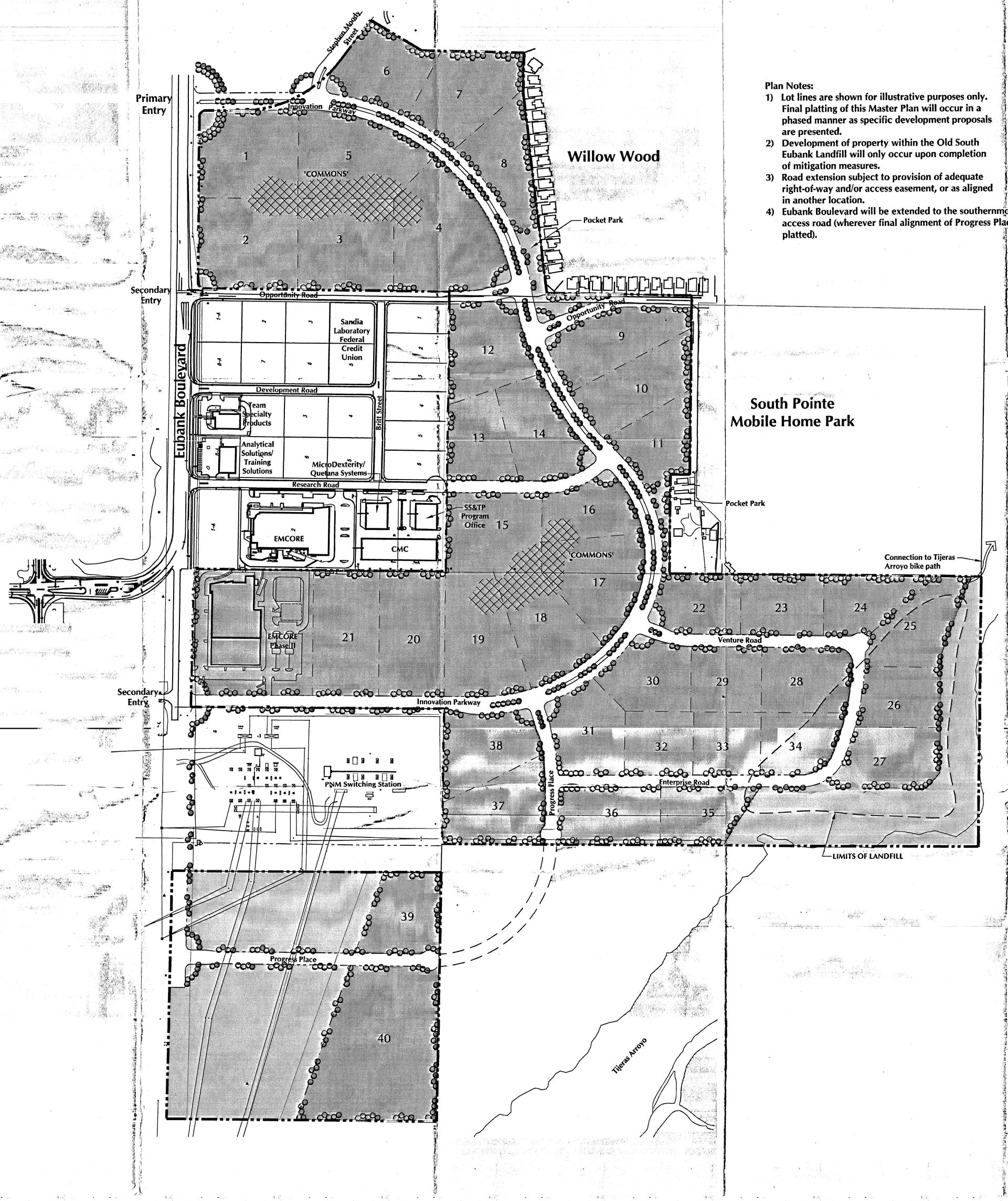
SMPC ARCHITECTS

Scale 1" = 200'

100 0 200 400

North

January 25, 2001



Plan Notes:

1) Lot lines are shown for illustrative purposes only. Final platting of this Master Plan will occur in a phased manner as specific development proposals are presented.
2) Development of property within the Old South Eubank Landfill will only occur upon completion of mitigation measures.
3) Road extension subject to provision of adequate right-of-way and/or access easement, or as aligned in another location.
4) Eubank Boulevard will be extended to the southernmost access road (wherever final alignment of Progress Place is platted).

Illustrative Master Plan

Sandia Science and Technology Park

Prepared For:

Science and Technology Park Development Corporation
Albuquerque, New Mexico 87120

Prepared By:

CONSENSUS PLANNING, INC.
Planning / Landscape Architecture
924 Park Avenue SW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495
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ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

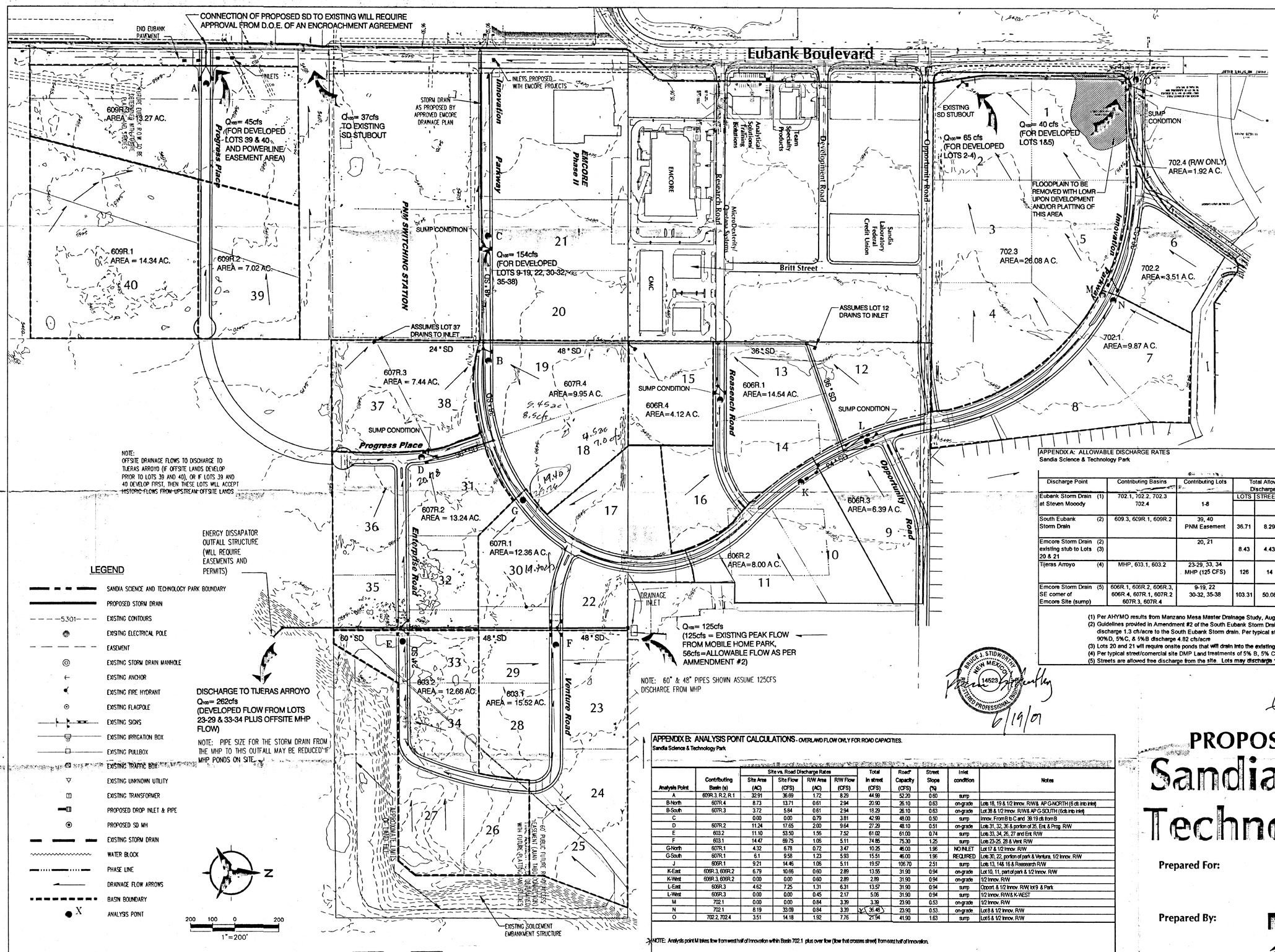
SMPC ARCHITECT

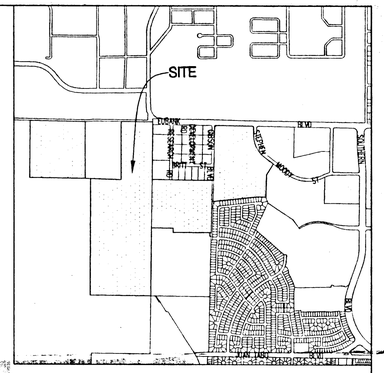
Scale 1" = 200'

100 0 200 400

North

January 25, 2001





VICINTY MAP
L-21-Z, M-21-Z

NOTES:
1. INLETS SHOWN ARE SCHEMATIC, NUMBER AND TYPE OF INLETS TO BE DEFINED WITH DRC SUBMITTALS
2. LOT LINES SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY

APPENDIX A: ALLOWABLE DISCHARGE RATES
Sandia Science & Technology Park

Discharge Point	Contributing Basins	Contributing Lots	Total Allowable Discharge (cfs)			Area (acres)			Allowable Discharge (cfs/acre)			Total Discharge (cfs)
			LOTS	STREETS	TOTAL	LOTS	STREETS	TOTAL	LOTS	STREETS	TOTAL	
Eubank Storm Drain (1) at Steven Mooody	702.1, 702.2, 702.3 702.4	1-8			167	37.38	4.00	41.38				167
South Eubank (2) Storm Drain	609.3, 609R.1, 609R.2	39, 40 PNM Easement	36.71	8.29	45	32.91	1.72	34.63	1.12	4.82	1.3	45
Emcore Storm Drain (2) existing stub to Lots (3) 20 & 21		20, 21	8.43	4.43	13	8.97	0.92	9.89	0.94	4.82	1.3	13
Tijeras Arroyo (4)	MHP, 603.1, 603.2	23-29, 33, 34 MHP (125 CFS)	126	14	264	26.17	2.62	28.79	4.82	4.82	4.82	264
Emcore Storm Drain (5) SE corner of Emcore Site (sump)	606R.1, 606R.2, 606R.3, 606R.4, 607R.1, 607R.2 607R.3, 607R.4	9-19, 22 30-32, 35-38	103.31	50.08	154	65.8	10.39	76.19	1.57	4.82	2.02	153

(1) Per AHYMO results from Manzano Mesa Master Drainage Study, August 1996 (Basin 702) Allowable Discharge is 167 cfs.
(2) Guidelines provided in Amendment #2 of the South Eubank Storm Drain Analysis indicates that Lots 20, 21, 39, amd 40 may discharge 1.3 cfs/acre to the South Eubank Storm drain. Per typical street/comercial site DPM Land treatments of 90%D, 5%C, & 5%B discharge 4.82 cfs/acre
(3) Lots 20 and 21 will require onsite ponds that will drain into the existing stub from Emcore storm drain.
(4) Per typical street/comercial site DMP Land treatments of 5% B, 5% C, 90% D or 4.82 cfs/ acre
(5) Streets are allowed free discharge from the site. Lots may discharge 1.57 cfs w/ small onsite private ponds.

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
6/19/01

~~Latest plan~~: VOID

APPENDIX B: ANALYSIS POINT CALCULATIONS - OVERLAND FLOW ONLY FOR ROAD CAPACITIES.
Sandia Science & Technology Park

Analysis Point	Contributing Basin (s)	Site vs. Road Discharge Rates: Site Area (AC)	Site Flow (CFS)	R/W Area (AC)	R/W Flow (CFS)	Total In street (CFS)	Road* Capacity (CFS)	Street Slope (%)	Inlet condition	Notes
A	609R.3, R.2, R.1	32.91	36.69	1.72	8.29	44.98	52.20	0.60	sump	
B-North	607R.4	8.73	13.71	0.61	2.94	20.90	26.10	0.63	on-grade	Lots 18, 19 & 1/2 Innov. R/W& AP G-NORTH (6 cfs into inlet)
B-South	607R.3	3.72	5.84	0.61	2.94	18.29	26.10	0.63	on-grade	Lot 38 & 1/2 Innov. R/W& AP G-SOUTH (6cfs into inlet)
C		0.00	0.00	0.79	3.81	42.99	48.00	0.50	sump	Innov. From B to C and 38.19 cfs from B
D	607R.2	11.24	17.65	2.00	9.64	27.29	48.10	0.51	on-grade	Lots 31, 32, 36 & portion of 35, Ent. & Prog. R/W
E	603.2	11.10	53.50	1.56	7.52	61.02	61.00	0.74	sump	Lots 33, 34, 26, 27 and Ent. R/W
F	603.1	14.47	69.75	1.06	5.11	74.86	75.30	1.25	sump	Lots 23-25, 28 & Vent. R/W
G-North	607R.1	4.32	6.78	0.72	3.47	10.25	46.00	1.96	NO INLET	Lot 17 & 1/2 Innov. R/W
G-South	607R.1	6.1	9.58	1.23	5.93	15.51	46.00	1.96	REQUIRED	Lots 30, 22, portion of park & Ventura, 1/2 Innov. R/W
J	606R.1	9.21	14.46	1.05	5.11	19.57	106.70	2.51	sump	Lots 13, 14& 16 & Reasearch R/W
K-East	606R.3, 606R.2	6.79	10.66	0.60	2.89	13.55	31.90	0.94	on-grade	Lot 10, 11, part of park & 1/2 Innov. R/W
K-West	606R.3, 606R.2	0.00	0.00	0.60	2.89	2.89	31.90	0.94	on-grade	1/2 Innov. R/W
L-East	606R.3	4.62	7.25	1.31	6.31	13.57	31.90	0.94	sump	Opport. & 1/2 Innov. R/W lot 9 & Park
L-West	606R.3	0.00	0.00	0.45	2.17	5.06	31.90	0.94	sump	1/2 Innov. R/W& K-WEST
M	702.1	0.00	0.00	0.84	3.39	3.39	23.90	0.53	on-grade	1/2 Innov. R/W
N	702.1	8.19	33.09	0.84	3.39	36.48	23.90	0.53	on-grade	Lot 8 & 1/2 Innov. R/W
O	702.2, 702.4	3.51	14.18	1.92	7.76	21.94	41.90	1.63	sump	Lot 6 & 1/2 Innov. R/W

NOTE: Analysis point M takes flow from west half of Innovation within Basin 702.1 plus over flow (flow that crosses street) from east half of Innovation.

* Road Capacity is measured at a depth of top of standard curb. See Appendix C for capacity calculations.

PROPOSED BASIN MAP
Sandia Science & Technology Park

Prepared For:

Science and Technology Park
Development Corporation
Albuquerque, New Mexico 87120

Prepared By:

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

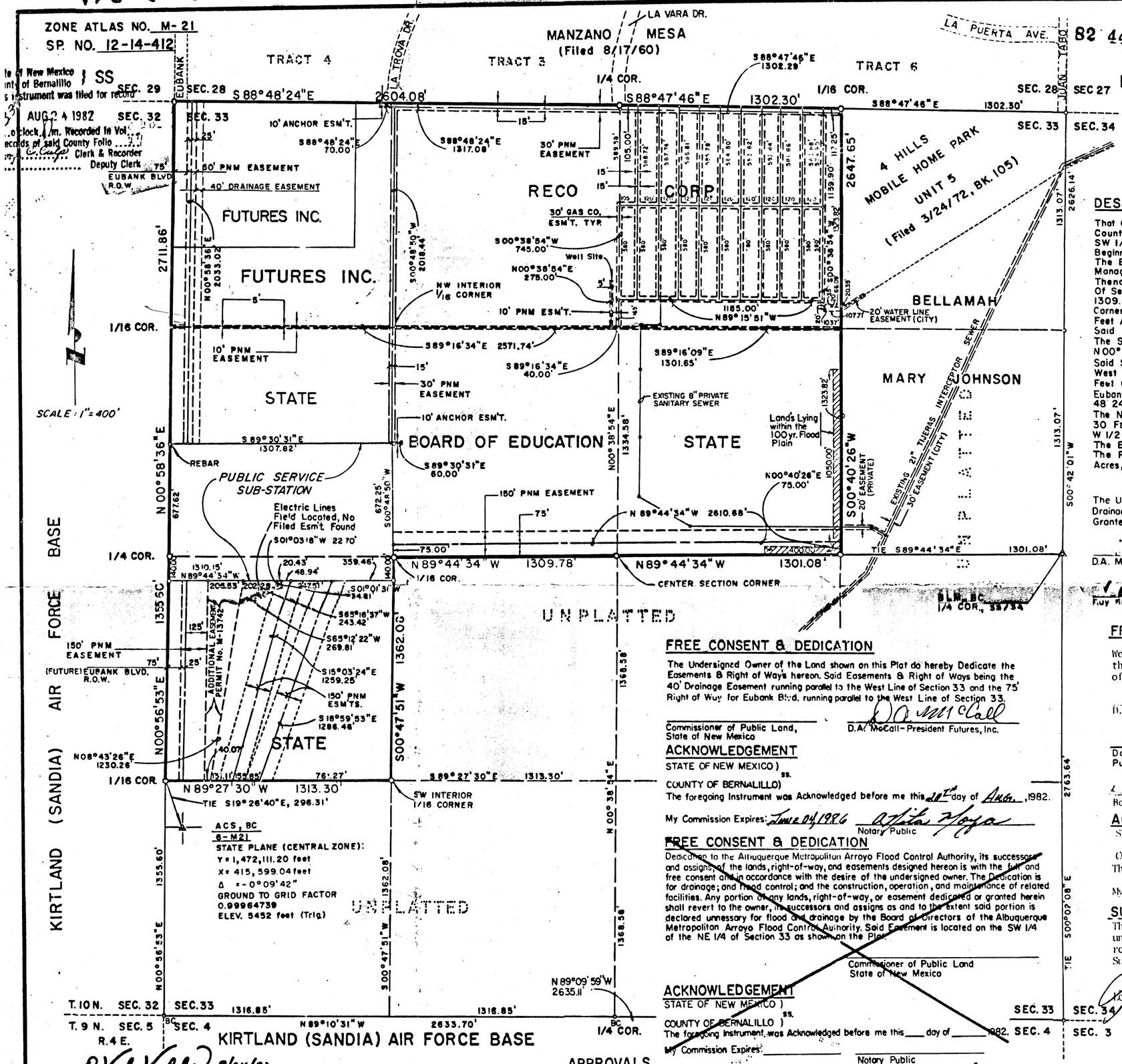
P:\01222\cdp\general\012220P01.dwg
Jun 20, 2001 - 8:55am

ZONE ATLAS NO. M-21
SP. NO. 12-14-412

State of New Mexico } SS
County of Bernalillo
This instrument was filed for record
AUG 24 1982
..o'clock, ..m. Recorded in Vol. ...
Records of said County Folio ...
Clerk & Recorder
Deputy Clerk

82 44125

SUMMARY PLAT FOR ANNEXATION TO THE CITY OF ALBUQUERQUE OF NW 1/4 NE 1/4, S1/2 NE 1/4, NW 1/4 & NW 1/4 SW 1/4 OF SECTION 33 T.10N., R.4 E., N.M.P.M. BERNALILLO COUNTY, NEW MEXICO SEPT., 1981



DESCRIPTION

That Certain Parcel Of Land Situate Within Section 33, T10N, R4E, N.M.P.M., Bernalillo County, New Mexico, Comprised Of The NW 1/4 NE 1/4, The NW 1/4 And The NW 1/4 SW 1/4 Of Said Section 33 And Being More Particularly Described As Follows: Beginning At The Southeast Corner Of The SW1/4 NE1/4 Of The Said Section 33, Whence The East Quarter Section Corner Of The Said Section 33 (Marked By A Bureau Of Land Management-BLM-Brass Cap Set In Concrete) Bears S 89°44'34" E, 1301.08 Feet; Thence N 89°44'34"W, 1301.08 Feet Along The South Line Of The Said W 1/2 NE 1/4 Of Section 33 To The Center Section Corner Of Said Section 33; Thence N 89°44'34"W, 1309.78 Feet Along The South Line Of The Said NW 1/4 Of Section 33 To The Northeast Corner Of The NW 1/4 SW 1/4 Of The Said Section 33; Thence S 00°47'51"W, 1362.08 Feet Along The East Line Of The Said NW 1/4 SW 1/4 To The Southeast Corner Of The Said NW 1/4 SW 1/4, Thence N 89°27'30"W, 1313.30 Feet Along The South Line Of The Said NW 1/4 SW 1/4 To The Southwest Corner Of The Said NW 1/4 SW 1/4, Thence N 00°56'53"E, 1355.60 Feet Along The West Section Line Of The Said Section 33, Said Section Line Being The Same As The Centerline Of Eubank Boulevard, S.E., To The West Quarter Section Corner Of The Said Section 33, Thence N 00°58'36"E, 2711.86 Feet Continuing Along The Said West Section Line Of Section 33 And Centerline Of Eubank Boulevard, S.E., To The Northwest Corner Of The Said Section 33; Thence S 88° 48'24"E, 2604.08 Feet Along The North Section Line Of The Said Section 33; To The North Quarter Section Corner Of The Said Section 33; Thence S 88°47'46"E, 1302.30 Feet Continuing Along The Said North Section Line To The Northeast Corner Of The W 1/2 NE 1/4 Of The Said Section 33; Thence S 00°40'26"W, 2647.65 Feet Along The East Line Of The Said W 1/2 NE 1/4 Of Section 33 To The Point Of Beginning Of The Parcel Herein Described The Above Delineated Parcel Of Land Contains 281 66398 Acres, More Or Less

The Undersigned Agree That When Right of Way Or Easements Required For Streets, Drainage Or Utilities Are Defined, Such Right of Way Or Easements Will Be Dedicated Or Granted Without Cost To The City Of Albuquerque.

D.A. McCall-President Futures, Inc.

W.M. Fitzpatrick-Desert Oceans Corporation

Roy B. Shaw-Chairman of the Board, Reco Corporation

Commissioner of Public Lands State of New Mexico

FREE CONSENT

We the under signed, Owners of the lands shown on this plat, do hereby consent to the purpose for creating this plat, such purpose being for Annexation to the City of Albuquerque, and is our free act and will.

D.A. McCall
D.A. McCall-President Futures, Inc.

Roy B. Shaw-Chairman of the Board, Reco Corporation

Doug Hendren, Right-of-Way Agent
Public Service Company of New Mexico

Commissioner of Public Lands State of New Mexico

Charles W. White
Board of Education

W.M. Fitzpatrick, V.P.
W.M. Fitzpatrick-Desert Oceans Corporation

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
ss.
COUNTY OF BERNALILLO)
The foregoing instrument was acknowledged before me this 9th day of June, 1982.

My Commission Expires: June 04, 1986
Notary Public

SURVEYOR'S CERTIFICATION

This is to certify that this plat was prepared from field notes of an actual survey under my direct supervision, to the best of my knowledge and belief is true and correct, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and shows all easements of record.

Louis W. Gross 9/10/81
Louis W. Gross, Reg. P.E. & L.S. No. 4100

LOUIS W. GROSS NEW MEXICO 4100 LAND SURVEYOR REGISTERED PROFESSIONAL ENGINEER

FREE CONSENT & DEDICATION

The Undersigned Owner of the Land shown on this Plat do hereby Dedicate the Easements & Right of Ways hereon. Said Easements & Right of Ways being the 40' Drainage Easement running parallel to the West Line of Section 33 and the 75' Right of Way for Eubank Blvd. running parallel to the West Line of Section 33.

Commissioner of Public Land, State of New Mexico

D.A. McCall-President Futures, Inc.

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
ss.
COUNTY OF BERNALILLO)
The foregoing Instrument was Acknowledged before me this 20th day of Aug., 1982.

My Commission Expires: June 04, 1986
Notary Public

FREE CONSENT & DEDICATION

Dedication to the Albuquerque Metropolitan Arroyo Flood Control Authority, its successors and assigns, of the lands, right-of-way, and easements designed hereon is with the full and free consent and in accordance with the desire of the undersigned owner. The Dedication is for drainage; and flood control; and the construction, operation, and maintenance of related facilities. Any portion of any lands, right-of-way, or easement dedicated or granted herein shall revert to the owner, its successors and assigns as and to the extent said portion is declared unnessary for flood and drainage by the Board of Directors of the Albuquerque Metropolitan Arroyo Flood Control Authority. Said Easement is located on the SW 1/4 of the NE 1/4 of Section 33 as shown on the Plat.

Commissioner of Public Land
State of New Mexico

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
ss.
COUNTY OF BERNALILLO)
The foregoing Instrument was Acknowledged before me this ___ day of ___, 1982.

My Commission Expires: ___
Notary Public

APPROVALS

O. Val Valdez 8/24/82
PROPERTY MANAGER

Robert A. Hanson 8/24/82
TRAFFIC ENGINEER

Paul Brunner 8/24/82
WATER RESOURCES

Don Sabo 8/17/82
AMAFCA

Charles Eakley 8/24/82
Engineer

Gene Heaps
Planning Director

Martin Valdez 8/24/82
PARKS & RECREATION

SP-82-21

NOTES:
1. Bearings are State Plane.
2. Distances are ground.
3. Unless otherwise noted, Corners set with rebar with Alum. Cap marked N.M.L.S. NO. 4100.

DENNEY-GROSS & ASSOC., INC.
ENGINEERS SURVEYORS PLANNERS
2400 COMANCHE RD. N.E., ALBUQ. N. M. 87107
(505) 864-0696

NOTES:
1. INLETS SHOWN ARE SCHEMATIC, NUMBER AND TYPE OF INLETS TO BE DEFINED WITH DRC SUBMITTALS
2. LOT LINES SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY

VICINTY MAP
L-21-Z , M-21-Z

APPENDIX A: ALLOWABLE DISCHARGE RATES
Sandia Science & Technology Park

Discharge Point	Contributing Basins	Contributing Lots	Total Allowable Discharge (cfs)	Area (acres)	Allowable Discharge (cfs/acre)	Total Discharge (cfs)
Eubank Storm Drain (1) at Steven Mooody	702.1, 702.2, 702.3 702.4, 702.5	1-8	167	42.17 Lots=39.51 Streets=2.66	4.78 Lots=4.78 Streets=4.78	167
South Eubank (2) Storm Drain	609.3, 609R.1, 609R.2	39, 40 PNM Easement	45 Lots=36.71 Street=8.29	34.63 Lots=32.91 Streets=1.72	1.3 Lots=0.90 Streets=4.82	45
Emcore Storm Drain (2) existing stub to Lots (3) 20 & 21		20, 21	13 Lots=8.43 Streets=4.43	9.89 Lots=8.97 Streets=0.92	1.3 Lots=0.94 Streets= 4.82	13
Tijeras Arroyo (4)	MHP, 603.1, 603.2	23-29, 33, 34 MHP (125 CFS)	264 Lots=126.14 Street=12.63	28.79 Lots=26.17 Streets=2.62	4.82 Lots=4.82 Streets=4.82	264
Emcore Storm Drain (5) SE corner of Emcore Site (sump)	606R.1, 606R.2, 606R.3, 606R.4, 607R.1, 607R.2 607R.3, 607R.4	9-19, 22 30-32, 35-38	154 Lots=103.31 Street=50.08	76.19 Lots=65.80 Streets=10.39	2.02 Lots=1.57 Street=4.82	153

(1) Per AHYMO results from Manzano Mesa Master Drainage Study, August 1996 (Basin 702) Allowable Discharge is 167 cfs. Per DMP discharge is 4.78 cfs/acre using 90% D and 10 % B land treatment types. (Streets are approximately 90% D also) Note: The allowable discharge of 167 cfs is less than 4.78 x 42.17 acres. This is due to routing and/or time-to-peak factors built into AHYMO. Lots 1-3 discharge to strom drain via stub outside R/W.

(2) Guidelines provided in Amendment #2 of the South Eubank Storm Drain Analysis indicates that Lots 20, 21, 39, amd 40 may discharge 1.3 cfs/acre to the South Eubank Storm drain. Per typical street/comercial site DPM Land treatments of 90% D, 5%C, & 5%B discharge 4.82 cfs/acre

(3) Lots 20 and 21 will require onsite ponds that will drain into the existing stub from Emcore storm drain.

(4) Per typical street/comercial site DMP Land treatments of 5% B, 5% C, 90% D or 4.82 cfs/ acre

(5) Streets are allowed free discharge from the site. Lots may discharge 1.57 cfs w/ small onsite private ponds.

APPENDIX B: ANALYSIS FOINT CALCULATIONS
Sandia Science & Technology Park

overland flow only.

Analysis Point	Contributing Basin (s)	Site vs. Road Discharge Rates: Site Area (AC)	Site Flow (CFS)	R/W Area (AC)	R/W Flow (CFS)	Total Flow (CFS)	Road* Capacity (CFS)	Street Slope (%)	Notes
A	609.3	12.51	16.26	1.72	8.29	24.55	52.20	0.6-sump	609R.3 & Progress Place
C-North	607R.4	7.78	12.21	0.71	3.42	15.64	26.10	0.63-sump	Lots 18, 19 & 1/2 Innov. R/W
C-South	607R.3	7.40	11.62	0.71	3.42	15.04	26.10	0.63-sump	Lots 37 & 38 & 1/2 Innov. R/W
D	607R.2	9.83	15.43	1.45	6.99	22.42	48.10	0.51	Lots 31, 32, 36, Ent. & Prog. R/W
E	603.2	12.63	60.88	2.62	12.63	57.51	57.90	0.74-sump	Total Basin - 16 cfs from Inlets (E2)
E2	603.2	7.81	37.64	1.40	6.75	44.39	57.90	0.74	@ Inlets upstream of sump (16 cfs)
F	603.1	14.85	71.58	0.71	3.42	75.00	75.30	1.25-sump	Lots 23-25, 28 & Vent. R/W
G-North	607R.1	4.38	6.88	0.88	4.24	11.12	46.00	1.96	Lot 17 & 1/2 Innov. R/W
G-South	607R.1	5.93	9.31	1.32	6.36	15.67	46.00	1.96	Lot 30 & 1/2 Innov. R/W
I	606R.2	3.06	4.80	0.79	3.81	8.61	31.90	0.94	Lot 11 & 1/2 Innov. R/w
J	606R.4	6.87	10.79	1.10	5.30	16.09	106.70	2.51 sump	Lots 14, 16 & Reasearch R/W
K	606R.3	3.55	5.57	0.30	1.45	7.02	31.90	0.94	Part of Lot 10 & 1/2 Innov. R/W
L-East	606R.3	2.95	4.63	1.41	6.60	11.43	31.90	0.94-sump	Opport. & 1/2 Innov. R/W & Park
L-West	606R.3	0.00	0.00	0.85	4.10	4.10	31.90	0.94-sump	1/2 Innov. R/W
M	702.4	6.43	10.10	1.04	4.97	15.07	36.70	1.25	Lot 4 & 1/2 Innov. R/W
N	702.1	10.02	15.73	1.04	4.97	20.70	23.90	0.53	Lot 8 & 1/2 Innov. R/W
O-North	702.2, 702.5	3.37	16.11	1.33	6.36	22.47	41.90	1.63-sump	Lot 6 & 1/2 Innov. R/W
O-South	702.3, 702.5	7.43	35.52	1.33	6.36	41.87	41.90	1.63-sump	1/2 Innov. R/W

* Road Capacity is measured at a depth of top of standard curb. See Appendix C for capacity calculations.

need Inlet calcs.
show street flows on map.

PROPOSED BASIN MAP
Sandia Science and Technology Park

Prepared For:
Science and Technology Park
Development Corporation
Albuquerque, New Mexico 87120

Prepared By:
Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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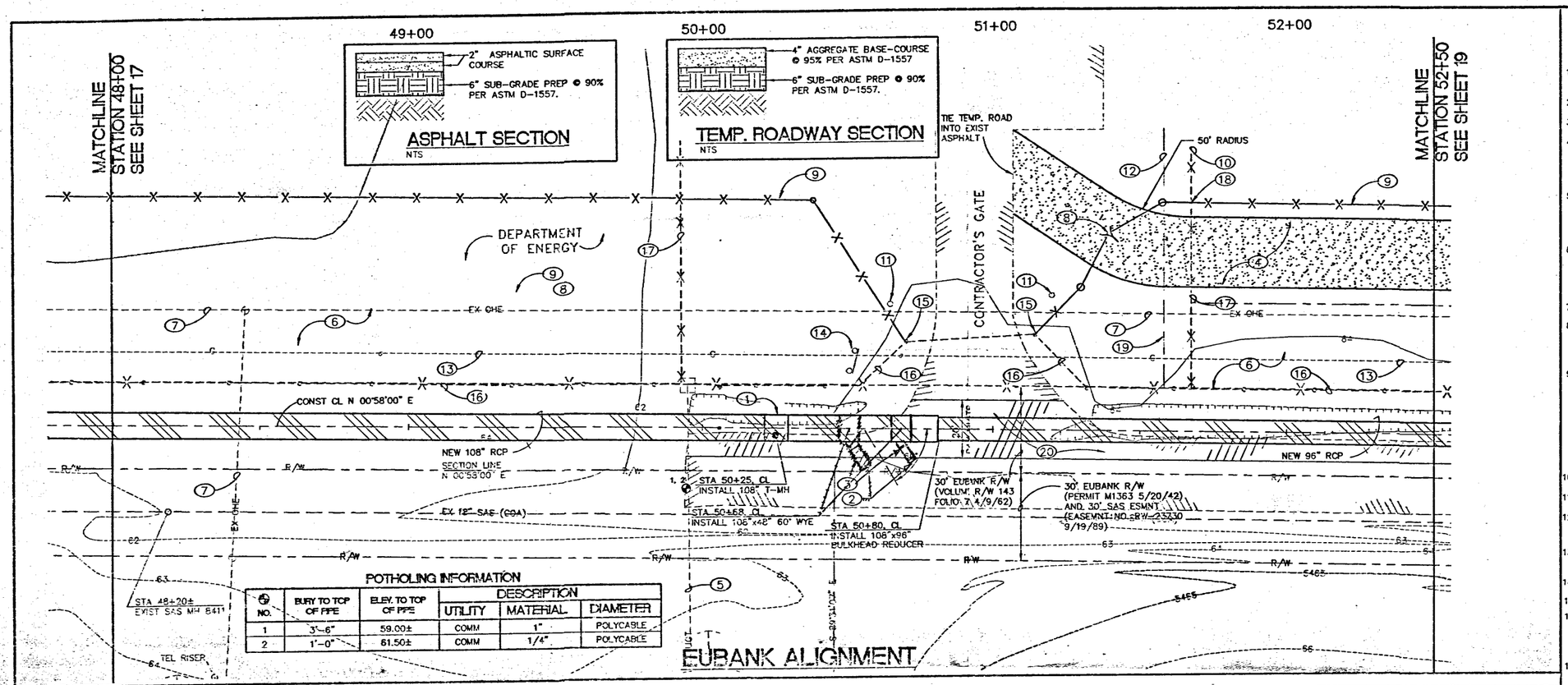
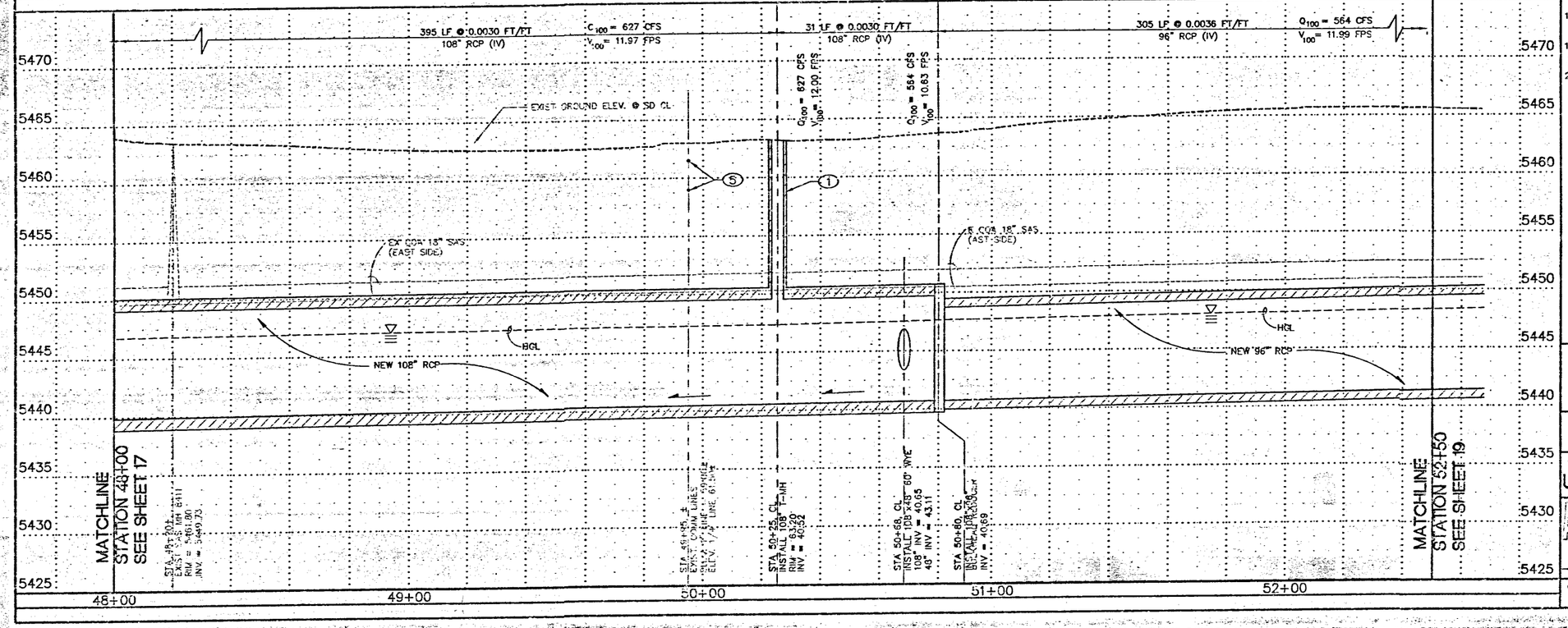
Feb 09, 2001 – 11:17am



NO.	BURY TO TOP OF PIPE	ELEV. TO TOP OF PIPE	DESCRIPTION		
			UTILITY	MATERIAL	DIAMETER
1	3'-6"	59.00±	COMM	1"	POLYCABLE
2	1'-0"	61.50±	COMM	1/4"	POLYCABLE



KEYED NOTES:

1 INSTALL NEW T-MH. SEE DETAIL A/45. USE BOLTED MANHOLE COVER AT THIS LOCATION.

2 INSTALL 48" PRE-CAST RCP PLUG.

3 8-LF 48" RCP (IV) @ 0.010 FT/FT.

4 CONSTRUCT 24' WIDE TEMPORARY ACCESS ROAD. SEE TEMPORARY ROAD SECTION THIS SHEET. LEAVE TEMPORARY ROAD IN PLACE AFTER CONSTRUCTION IS COMPLETED.

5 EXISTING 1" AND 1/4" UNDERGROUND COMMUNICATIONS CABLES. CONTRACTOR TO SUPPORT CABLES DURING INSTALLATION OF STORM DRAIN. COORDINATE WITH US WEST.

6 CONTOURS WEST OF SECTION LINE ARE AT 2-FOOT INTERVALS AND WERE SURVEYED BY KOOGLE-POOLE ENGINEERING. CONTOURS EAST OF SECTION LINE ARE AT 1-FOOT INTERVALS AND WERE SURVEYED BY SURVEYING CONTROL, INC.

7 EXISTING OVERHEAD ELECTRIC

8 CONTRACTOR SHALL PROVIDE TO SNL CONTRACTOR'S AND SNL PERSONNEL ACCESS TO THE SNL CONTRACTOR'S GATE AT ALL TIMES. ACCESS WIDTH SHALL BE 40'.

9 INSTALL PERIMETER FENCE FOR INSTALLATION OF NEW STORM DRAIN. CONTRACTOR SHALL COORDINATE THIS ACTIVITY WITH KAFB SECURITY PERSONNEL. CONTRACTOR SHALL NOT REMOVE EXISTING PERIMETER FENCE UNTIL CONSTRUCTION OF NEW PERIMETER FENCE IS APPROVED BY COA AND KAFB SECURITY. SEE SHEET 38 FOR DETAIL. REMOVE & DISPOSE OF TEMP PERIMETER FENCE AFTER NEW PERIMETER FENCE IS INSTALLED & APPROVED.

10 NOT USED

11 EXISTING WOOD LIGHT POLE. TO REMAIN

12 EXISTING 8' LONG PCC PARKING BUMPERS. SHALL BE REMOVED & REPLACED AFTER CONSTRUCTION.

13 EXISTING PNM HIGH PRESSURE 8" STEEL GAS LINE. APPROXIMATE BURY 5'.

14 EXISTING SANDIA NATIONAL LABS SIGN, SHALL REMAIN.

15 BEGIN INSTALLATION OF PERIMETER FENCE.

16 REMOVE & DISPOSE OF EXIST. PERIMETER FENCE AFTER INSTALLATION OF TEMP PERIMETER FENCE. INSTALL NEW PERIMETER FENCE AFTER CONSTRUCTION OF NEW SD IS COMPLETE.

17 REMOVE & STORE EXIST. 3-STRAND BARBED WIRE FENCE & POSTS. RE-INSTALL FENCE AFTER CONSTRUCTION IS COMPLETED.

18 CONNECT EXIST 3-STRAND BARBED WIRE TO NEW PERIMETER FENCE.

19 REMOVE & STORE (6) PARKING BUMPERS. RE-INSTALL AFTER CONSTRUCTION IS COMPLETED.

20 REMOVE & DISPOSE OF EXIST ASPHALT PAVEMENT. CONSTRUCT NEW ASPHALT PAVING AFTER SD INSTALLATION IS COMPLETE. SEE ASPHALT SECTION THIS SHEET.

AS BUILT INFORMATION

CONTRACTOR: EMCI

WORK STAKED BY: COA DATE

INSPECTION & FIELD TESTING BY: COA DATE

FIELD VERIFICATION BY: COA DATE

DRAWINGS CORRECTED BY: SEC DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE

NO.:

BENCH MARKS

C.O.A BENCHMARK "6-L21"

FROM THE INTERSECTION OF EUBANK AND THE FUTURE INTERSECTION GO DIRECTLY EAST 292'

ELEVATION = 5471.78'

GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 416,123.51

GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01

CRF: 0.999964485

SURVEY INFORMATION

NO.	BY	DATE
11599	STEPHEN JAMES TOLER, FRPM SURVEYING CONTROL INC.	

FIELD NOTES

ENGINEER'S SEAL

AS BUILT

4/6/99

NO.	DATE	REMARKS	BY
1	4/6/99	THIS SHT REFLECTS SHT 18 AS-BUILT	RJZ

REVISIONS

DESIGNED BY TVD DATE 5/98

DRAWN BY SEC DATE 5/98

CHECKED BY PJC DATE 5/98

AS BUILT DRAWING

Vertical Scale: 1" = 5'

Horizontal Scale: 1"=20'

Job # 195106

Smith Engineering Company
A Full Service Engineering Company

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: SOUTH EUBANK STORM DRAIN PHASE 1

UTILITY P & P: EUBANK ALIGNMENT: STA 48+00 TO 52+50

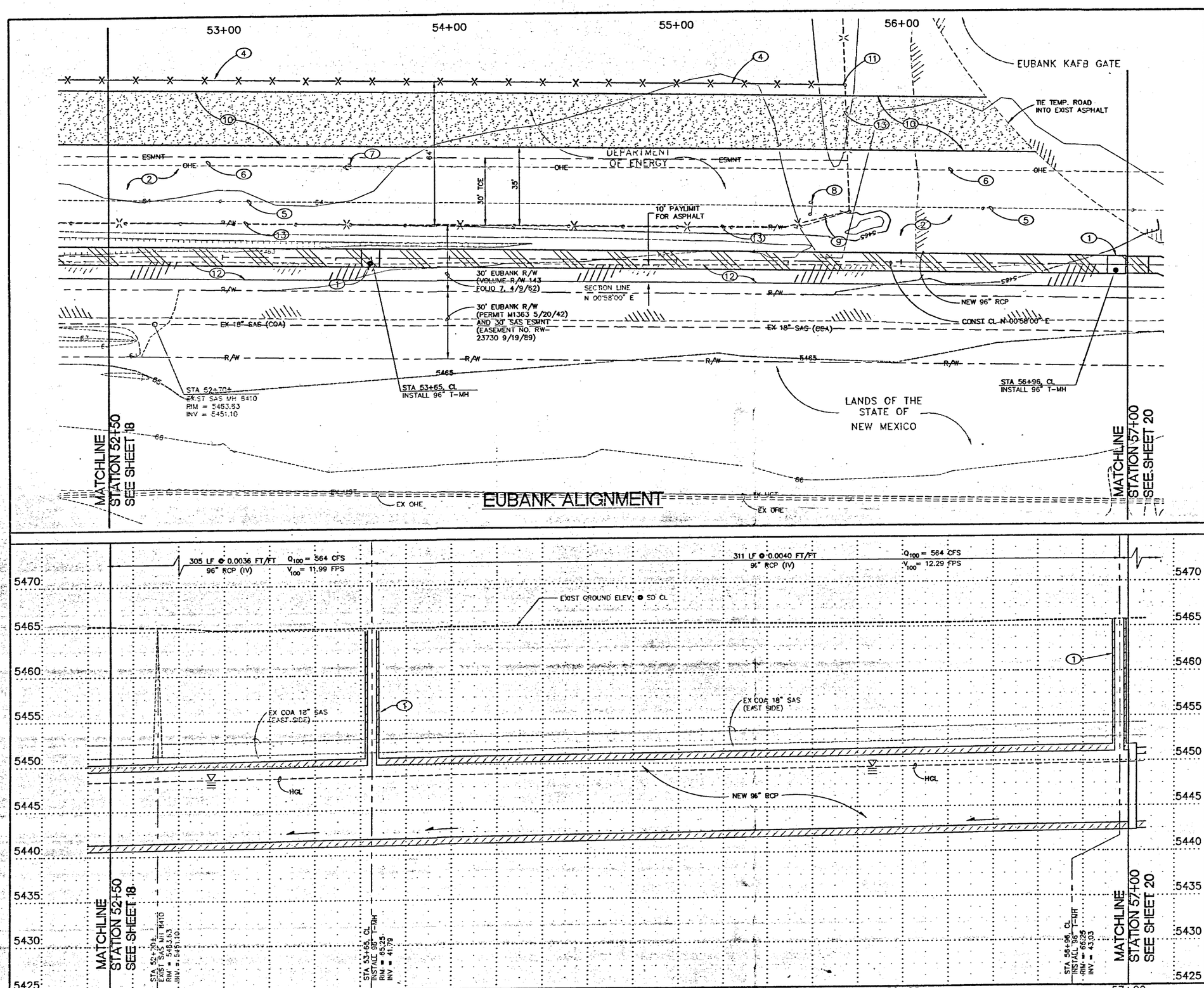
Design Review Committee: APR 26 1999 — DESIGN REVIEW COMMITTEE

City Engineer Approval: APR 26 1999 — CITY ENGINEER

Last Design Update

No. / Date / By	No. / Date / By

City Project No. 4790.91 | Zone Map No. M-21 L-21 | Sheet 18 of 56



KEYED NOTES:

1. INSTALL NEW T-MH. SEE DETAIL A/45. USE BOLTED MANHOLE COVER AT THIS LOCATION.
2. CONTOURS WEST OF SECTION LINE ARE AT 2-FOOT INTERVALS AND WERE SURVEYED BY KOOGLE-POOLE ENGINEERING. CONTOURS EAST OF SECTION LINE ARE AT 1-FOOT INTERVALS AND WERE SURVEYED BY SURVEYING CONTROL, INC.
3. NOT USED
4. INSTALL PERIMETER FENCE FOR INSTALLATION OF NEW STORM DRAIN. CONTRACTOR SHALL COORDINATE THIS ACTIVITY WITH KAFB SECURITY PERSONNEL. CONTRACTOR SHALL NOT REMOVE EXISTING PERIMETER FENCE UNTIL CONSTRUCTION OF NEW PERIMETER FENCE IS APPROVED BY COA AND KAFB SECURITY. SEE SHEET 38 FOR DETAIL.
5. EXISTING PNM HIGH PRESSURE 8" STEEL GAS LINE. BURY DEPTH APPROXIMATE 5'.
6. EXISTING OVERHEAD ELECTRIC.
7. EXISTING STEEL POWER POLE.
8. EXISTING SANDIA NATIONAL LABS SIGN TO REMAIN.
9. EXISTING WOOD POLE TO REMAIN.
10. CONTRACTOR SHALL BLADE A 24' WIDE TEMPORARY ACCESS ROAD. SEE TEMPORARY ROADWAY SECTION SHEET 18. LEAVE TEMPORARY ROAD IN PLACE AFTER CONSTRUCTION IS COMPLETED.
11. CONNECT NEW TEMP PERIMETER FENCE TO EXIST PERIMETER FENCE.
12. REMOVE & DISPOSE OF EXIST ASPHALT PAVEMENT. CONSTRUCT NEW ASPHALT PAVING AFTER SD INSTALLATION IS COMPLETE. SEE ASPHALT SECTION SHEET 18.
13. REMOVE & DISPOSE OF EXIST PERIMETER FENCE AFTER INSTALLATION OF TEMP PERIMETER FENCE. INSTALL NEW PERIMETER FENCE AFTER CONSTRUCTION OF NEW SD IS COMPLETED.

AS BUILT INFORMATION
CONTRACTOR: RMCI
WORK STAKED BY: COA DATE
INSPECTED BY: COA DATE
FIELD VERIFICATION BY: COA DATE
DRAWINGS CORRECTED BY: SEC DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
C.O.A BENCHMARK "8-L21"
FROM THE INTERSECTION OF EUBANK AND THE FUTURE INTERSECTION GO DIRECTLY EAST 292'
ELEVATION = 5471.78'
GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964485

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
11599	STEPHEN JAMES TOLER, FROM SURVEYING CONTROL, INC.	

AS RECORD DRAWING

ENGINEER'S SEAL
STEPHEN G. JAMES NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	4/16/99	THIS SHT REPLACES SHT 19 APPD 12/1/98	PCR

REVISIONS

		DATE
DESIGNED BY	TVD	5/98
DRAWN BY	SEC	5/98
CHECKED BY	PJC	5/98

Vertical Scale: 1" = 5'
Horizontal Scale: 1"=20'

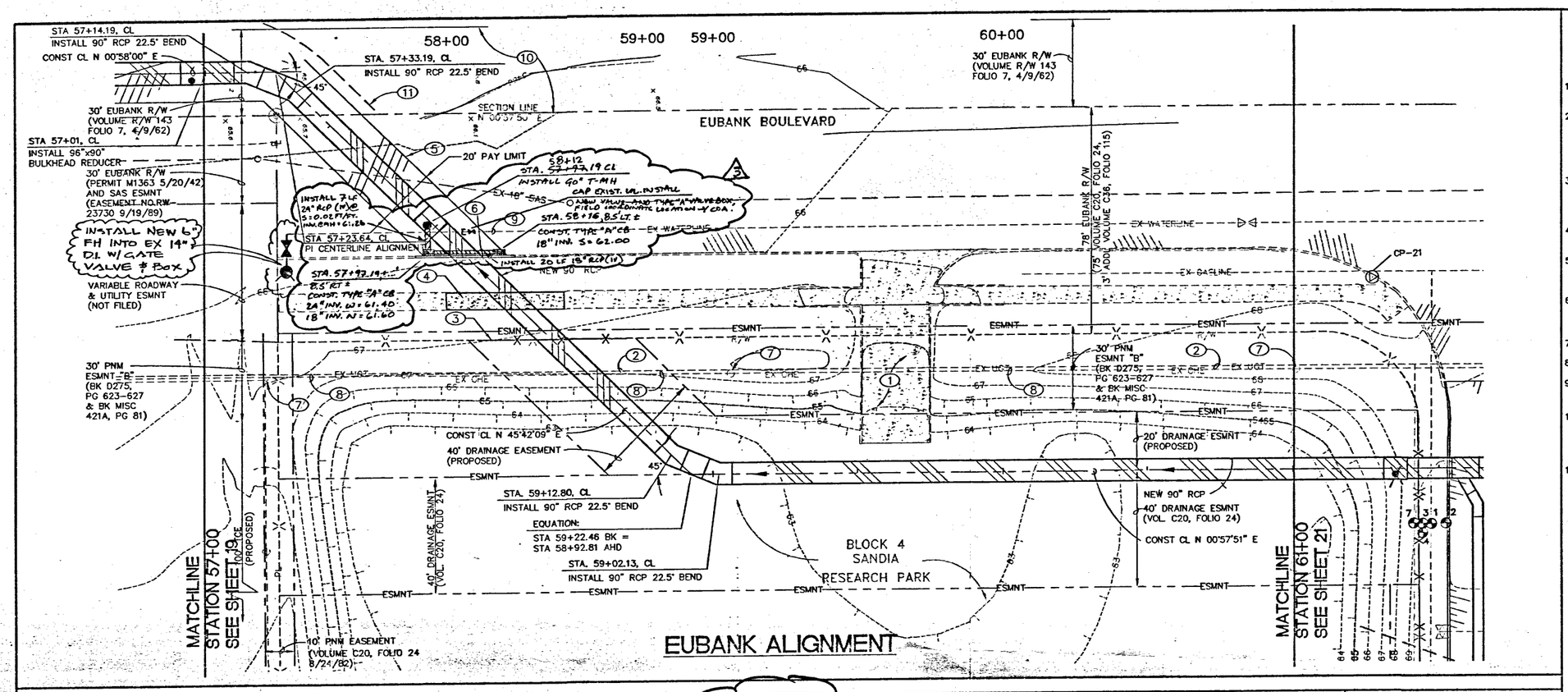
Job # 195106
Smith Engineering Company
A Full Service Engineering Company

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
SOUTH EUBANK STORM DRAIN PHASE 1
UTILITY P & P: EUBANK ALIGNMENT: STA 52+50 TO 57+00

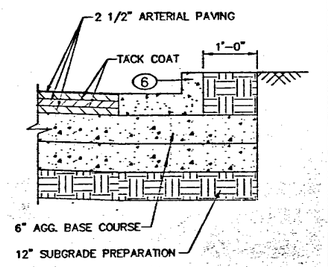
Design Review Committee: APR 26 1999 — DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED APR 26 1999 — CITY ENGINEER
Last Design Update
No. / By / Tr.

City Project No. 4790.91
Zone Map No. M-21 L-21
Sheet 19 of 56



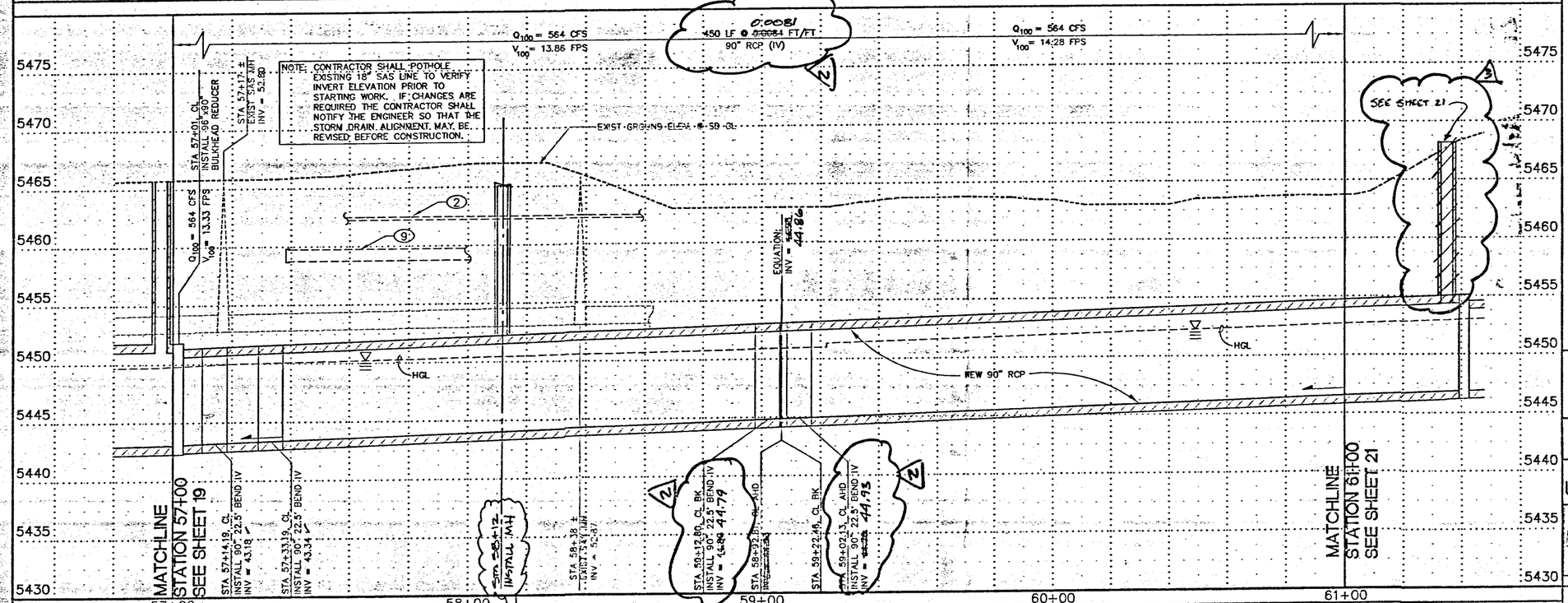
KEYED NOTES:

1. REMOVE & DISPOSE OF EXIST CONCRETE SPILLWAY TO BACK OF SIDEWALK
2. EXISTING UNDERGROUND TELEPHONE. CONTRACTOR SHALL SUPPORT CABLE AS REQUIRED FOR INSTALLATION OF NEW STORM DRAIN. CONTRACTOR SHALL COORDINATE THIS ACTIVITY WITH US WEST COMMUNICATIONS.
3. REMOVE 50-LF OF EXISTING CHAINLINK FENCE. RETAIN WIRE FABRIC. DISPOSE OF POSTS. REPLACE FENCE AFTER INSTALLATION OF STORM DRAIN. INSTALL NEW POSTS, USE EXISTING FABRIC.
4. REMOVE AND REPLACE 40-LF OF 6-FOOT WIDE SIDEWALK PER COA STD DWG 2430.
5. REMOVE AND REPLACE 255-SY EXISTING ASPHALT. NEW ASPHALT SECTION PER DETAIL THIS SHEET. MATCH EXISTING GRADES.
6. REMOVE AND REPLACE 40-LF STD CURB & GUTTER PER COA STD DWG 2415. MATCH EXISTING TOP OF CURB AND FLOWLINE.
7. EXISTING OHE STEEL POLE
8. EXISTING OVERHEAD HIGH VOLTAGE ELECTRIC.
9. SUPPORT EXISTING 12" WATERLINE AS REQUIRED FOR INSTALLATION OF NEW STORM DRAIN.
10. CONTRACTOR SHALL PROVIDE TO SNL CONTRACTORS AND SNL PERSONNEL ACCESS TO THE SNL CONTRACTOR'S GATE AT ALL TIMES. ACCESS WIDTH SHALL BE 30'± (EXISTING 30' EUBANK R/W).
11. PLACE 100-LF OF JERSEY BARRIERS FOR TRAFFIC PROTECTION. FIELD COORDINATE WITH COA ENGINEER.



EUBANK PATCH SECTION

SCALE: N.T.S.



AS BUILT INFORMATION

CONTRACTOR	DANCI	COA	DATE
WORK STAKED BY		COA	DATE
INSPECTOR'S ACCEPTANCE BY		COA	DATE
FIELD INFORMATION BY		COA	DATE
DRAWINGS CORRECTED BY		CGC	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

C.O.A BENCHMARK "8-L21" FROM THE INTERSECTION OF EUBANK AND THE FUTURE INTERSECTION GO DIRECTLY EAST 292'	
ELEVATION = 5471.78'	
GROUND COORDINATES :	NORTHING = 1,481,748.33
	EASTING = 418,123.51
GRID COORDINATES :	NORTHING = 1,481,220.09
	EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.999044485	

SURVEY INFORMATION

NO.	BY	DATE
11599	STEPHEN JAMES TOLER, FROM SURVEYING CONTROL, INC.,	

FIELD NOTES

ENGINEERS SEAL

NO.	DATE	REMARKS	BY
3	1/6/00	RELOCATE AH, INSTALL CB'S	PJC
2	12/6/00	REVISED SLOPE AND INVERTS	KSC
1	7/6/99	TRANSFER BENCHMARKS SET TO AHD 8/1/99	PJC

REVISIONS

DESIGNED BY	TVD	DATE 5/98
DRAWN BY	SEC	DATE 5/98
CHECKED BY	PJC	DATE 5/98

DESIGN

RECORD DRAWING

Horizontal Scale: 1"=20'

Vertical Scale: 1" = 5'

Job # 195106

Smith Engineering Company
A Full Service Engineering Company

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: SOUTH EUBANK STORM DRAIN PHASE 1

UTILITY P & P: EUBANK ALIGNMENT: STA 57+00 TO 61+00

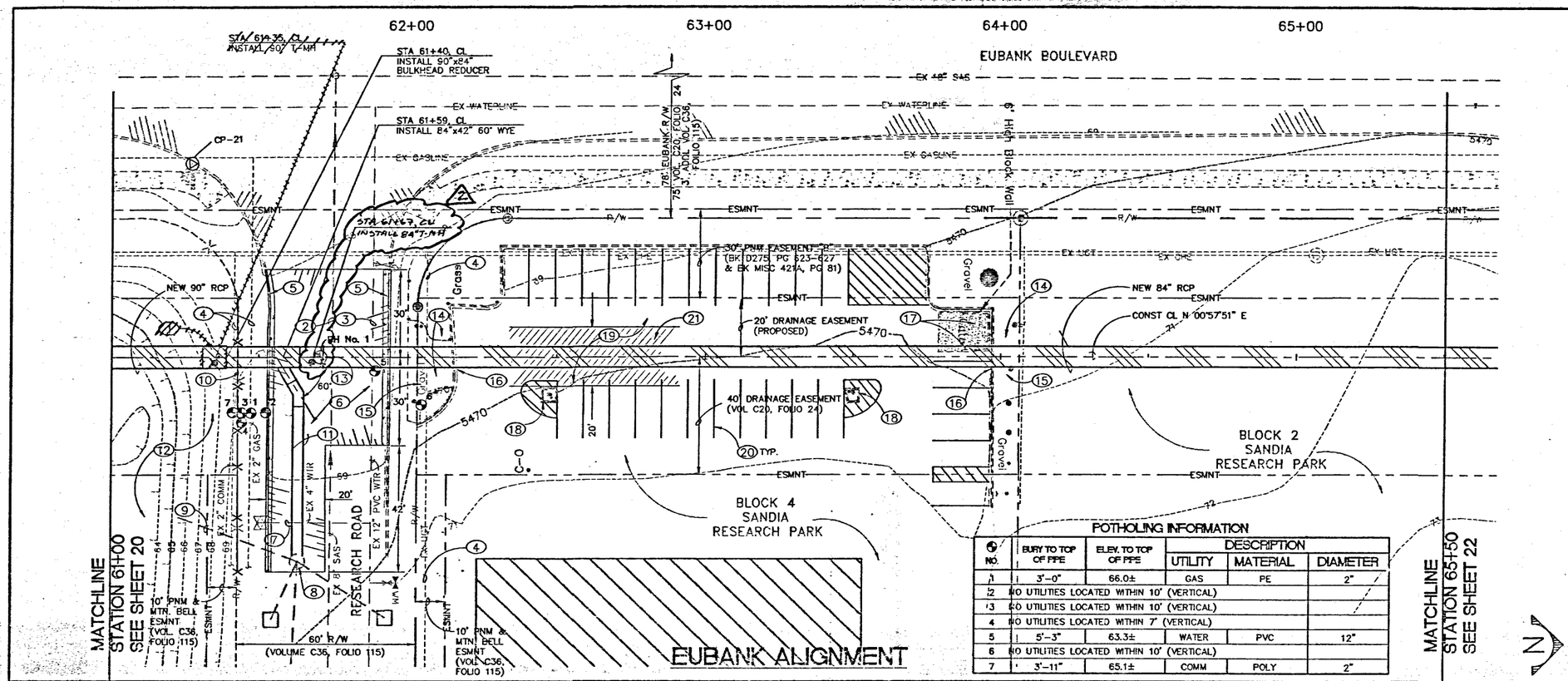
Design Review Committee — APR 26 1999 — DESIGN REVIEW COMMITTEE

City Engineer Approval — APR 26 1999 — CITY ENGINEER

Last Design Update

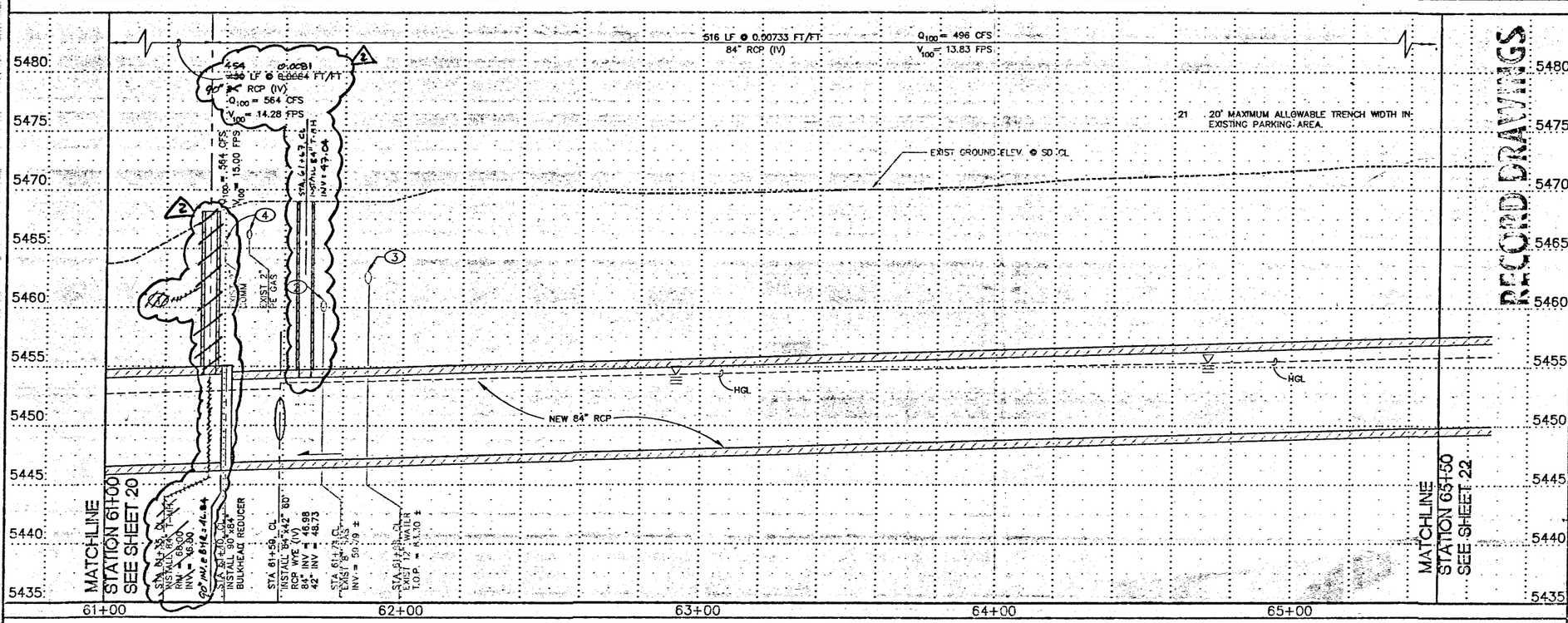
No. / Day / Yr.	No. / Day / Yr.

City Project No. 4790.91 | Zone Map No. M-21 L-21 | Sheet 20 Of 55



POTHOLING INFORMATION

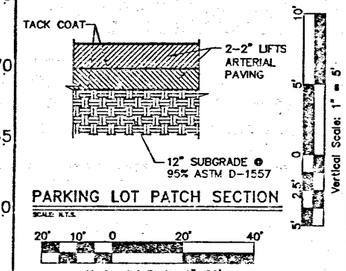
NO.	BURY TO TOP OF PIPE	ELEV. TO TOP OF PIPE	DESCRIPTION		
			UTILITY	MATERIAL	DIAMETER
1	3'-0"	66.0±	GAS	PE	2"
2	NO UTILITIES LOCATED WITHIN 10' (VERTICAL)				
3	NO UTILITIES LOCATED WITHIN 10' (VERTICAL)				
4	NO UTILITIES LOCATED WITHIN 7' (VERTICAL)				
5	5'-3"	63.3±	WATER	PVC	12"
6	NO UTILITIES LOCATED WITHIN 10' (VERTICAL)				
7	3'-11"	65.1±	COMM	POLY	2"



RECORD DRAWINGS

KEYED NOTES:

1. INSTALL NEW T-MH. SEE DETAIL A/45.
2. SUPPORT EXISTING 8" SAS AS REQUIRED FOR INSTALLATION OF NEW STORM DRAIN.
3. SUPPORT EXISTING 12" WATER AS REQUIRED FOR INSTALLATION OF NEW STORM DRAIN.
4. SUPPORT EXISTING COMMUNICATIONS AND GAS LINES AS REQUIRED FOR INSTALLATION OF NEW STORM DRAIN. COORDINATE WITH UTILITY COMPANIES.
5. REMOVE 160 LF OF CURB-AND-GUTTER CONSTRUCT 160 LF OF STANDARD CURB-AND-GUTTER PER COA STD DWG 2415.
6. REMOVE AND REPLACE 367 SY OF ASPHALT PAVING. NEW SECTION PER DETAIL SHEET 20.
7. SUPPORT EXISTING 4" WATERLINE FOR INSTALLATION OF 42" STORM DRAIN.
8. CONNECT NEW 42" STORM DRAIN TO EXISTING MANHOLE. PLUG EXISTING 36" SW INVERT.
9. REMOVE AND DISPOSE OF 45 LF 36" STORM DRAIN.
10. REMOVE AND REPLACE 90-LF OF CHAINLINK FENCE FOR INSTALLATION OF NEW STORM DRAIN AND REMOVAL OF EXISTING STORM DRAIN. DISPOSE OF EXISTING POSTS. REUSE EXISTING FABRIC.
11. INSTALL 42" RCP (IV) 30° BEND AND 69-LF 42" RCP (IV). SEE SHEET 38 FOR PROFILE.
12. BACKFILL AND REGRADE TO EXISTING GRADES IN POND AREA.
13. APPROXIMATE LOCATION OF TEST BORING. SEE AGRA EARTH & ENVIRONMENTAL JOB No. 6-517-155 FOR GEOTECHNICAL REPORT OF TEST BORINGS.
14. REMOVE & REPLACE GRAVEL & SOD TO ORIGINAL CONFIGURATION. CONTRACTOR SHALL AS-BUILD EXIST. CONDITIONS SO THAT REPLACEMENT WILL MATCH EXIST. CONDITIONS. CONTRACTOR SHALL USE NEW SOD FOR GRASS AREAS. NEW SOD SHALL MATCH EXISTING.
15. REMOVE & REPACE EXISTING IRRIGATION SYSTEM AS NEEDED. REPLACE WITH ALL NEW PIPING AND APPURTENANCES.
16. REMOVE & REPLACE APPROX. 40 LF OF C & G. MATCH EXISTING ELEVATION.
17. REMOVE & RE-BUILD DUMPSTER WALLS, BACK TO ORIGINAL STATE. REPLACE EXISTING CONCRETE SLAB WITH SAME THICKNESS.
18. REMOVE & REPLACE EXISTING PLANTERS, LANDSCAPING & IRRIGATION SYSTEM BACK TO ITS ORIGINAL STATE.
19. REMOVE & REPLACE APPROX. 380 SY OF PARKING LOT ASPHALT. PER DETAIL THIS SHEET.
20. RE-STRIPE PARKING LOT BACK TO ITS ORIGINAL STATE.



Job # 195106
Smith Engineering Company
A Full Service Engineering Company

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
WORK INSPECTED BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
C.O.A BENCHMARK "8-L21" FROM THE INTERSECTION OF EUBANK AND THE FUTURE INTERSECTION GO DIRECTLY EAST 292'
ELEVATION = 5471.78'
GROUND COORDINATES : NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES : NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964485

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
11599	STEPHEN JAMES TOLER, FROM SURVEYING CONTROL INC.,	

ENGINEERS SEAL
PAUL J. CONLEY NEW MEXICO 10161 REGISTERED PROFESSIONAL ENGINEER
9/24/99

NO.	DATE	REMARKS	BY
2	1/3/00	INSTALL 84" T-MH	PJC
1	9/24/99	THIS SHT REFLECTS SHT 21 DWG 124/99	PJC

REVISIONS

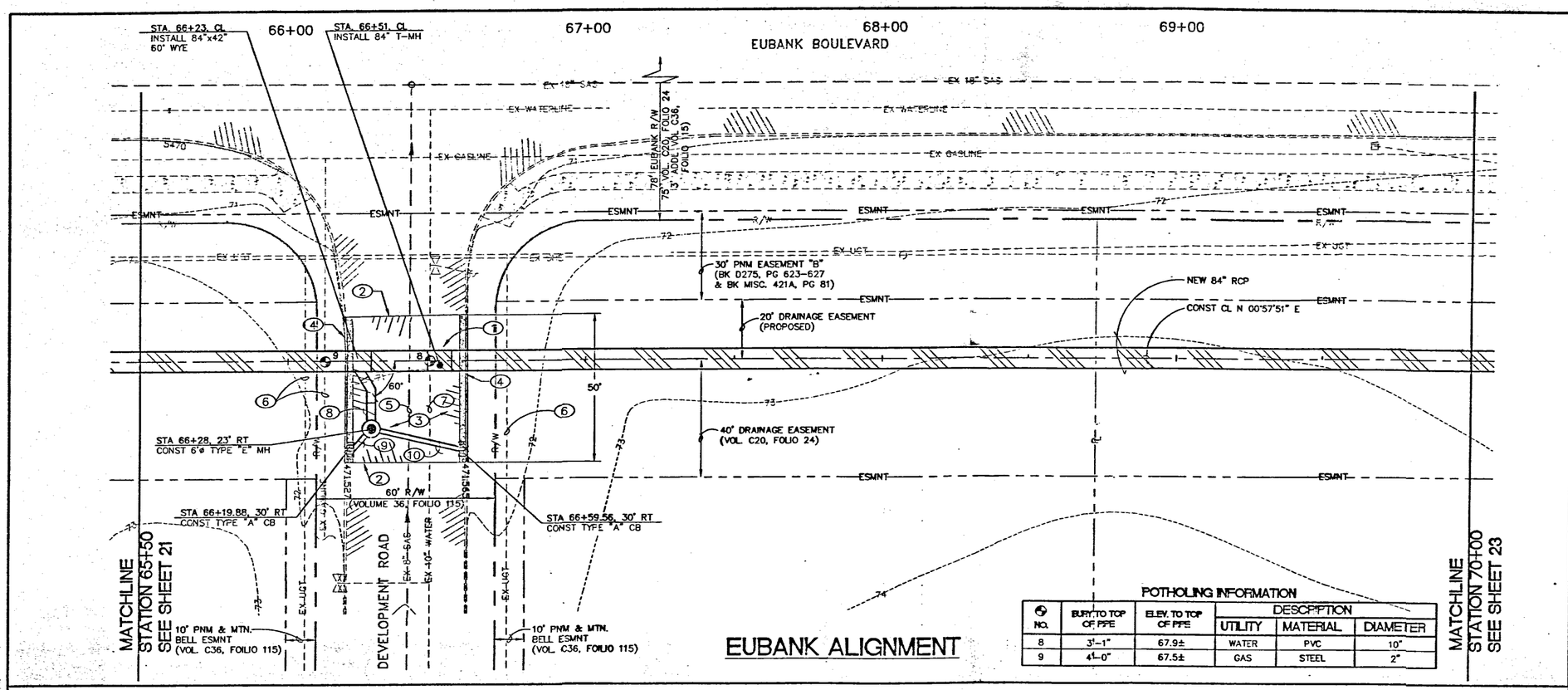
DESIGNED BY	TVD	DATE 5/98
DRAWN BY	SEC	DATE 5/98
CHECKED BY	PJC	DATE 5/98

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: SOUTH EUBANK STORM DRAIN PHASE 1
UTILITY P & P: EUBANK ALIGNMENT: STA 61+00 TO 65+50

Design Review Committee — APR 26 1999 — DESIGN REVIEW COMMITTEE
City Engineer Approval — APR 26 1999 — CITY ENGINEER
Last Design Update
No. / Date / By — No. / Date / By

City Project No. 4790.91 | Zone Map No. M-21 L-21 | Sheet 21 of 56



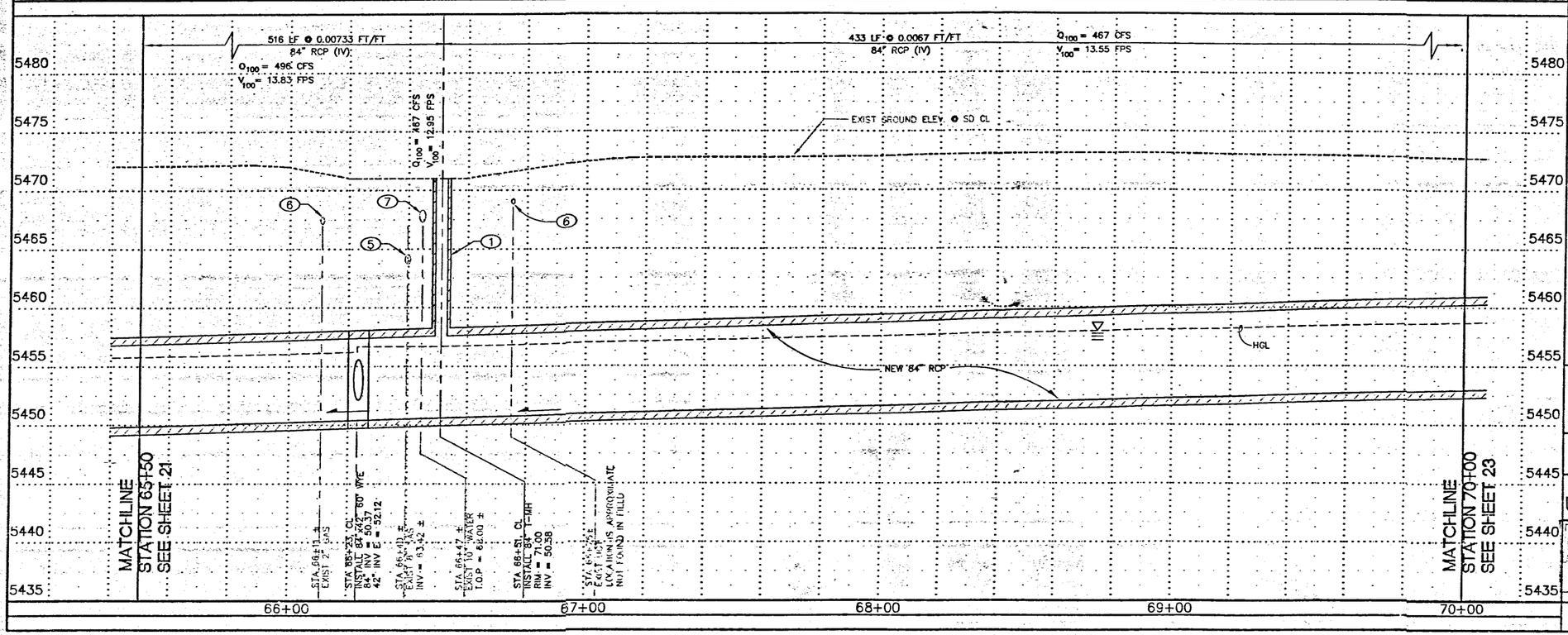
EUBANK ALIGNMENT

POTHOLING INFORMATION

NO.	BURY TO TOP OF PPE	ELEV. TO TOP OF PPE	DESCRIPTION		
			UTILITY	MATERIAL	DIAMETER
8	3'-1"	67.9±	WATER	PVC	10"
9	4'-0"	67.5±	GAS	STEEL	2"

KEYED NOTES:

1. INSTALL NEW T-MH. SEE DETAIL A/45.
2. MATCH EDGE OF EXISTING PAVEMENT.
3. REMOVE AND REPLACE 200-SY OF ASPHALT PAVING, MATCH EXISTING GRADES. MAINTAIN 2% CROWN IN PATCH SECTION. SEE PATCH DETAIL SHEET 20.
4. REMOVE AND REPLACE 100-LF STD CURB-AND-GUTTER (50-LF EACH SIDE) PER COA STD DWG 2415. MATCH EXISTING FLOWLINE AND TOP OF CURB ELEVATIONS.
5. SUPPORT EXISTING 8" SAS FOR STORM DRAIN INSTALLATION.
6. PROVIDE SUPPORT OF EXISTING GAS AND COMMUNICATION LINES FOR STORM DRAIN INSTALLATION. COORDINATE WITHH AFFECTED UTILITY COMPANIES.
7. SUPPORT EXISTING 10" WATER AS REQUIRED FOR INSTALLATION OF NEW STORM DRAIN.
8. SEE SHEET 38 FOR PROFILE OF SEGMENT "A" ON DEVELOPMENT ROAD.
9. SEE SHEET 38 FOR PROFILE OF SEGMENT "B" ON DEVELOPMENT ROAD.
10. SEE SHEET 38 FOR PROFILE OF SEGMENT "C" ON DEVELOPMENT ROAD.



Horizontal Scale: 1"=20'

Vertical Scale: 1" = 5'

Job # 195106
Smith Engineering Company
A Full Service Engineering Company

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: SOUTH EUBANK STORM DRAIN PHASE 1

UTILITY P & P: EUBANK ALIGNMENT: STA 65+50 TO 70+00

Design Review Committee — APR 26 1999 — DESIGN REVIEW COMMITTEE

City Engineer Approval — APR 26 1999 — CITY ENGINEER

Last Design Update

No. / Day / Yr.	No. / Day / Yr.

City Project No. 4790.91 | Zone Map No. M-21 L-21 | Sheet 22 of 56

AS BUILT INFORMATION
CONTRACTOR Pinal
WORK STAKED BY CGA DATE 6-98
AS-BUILTS BY CGA DATE 6-98
ACCEPTANCE BY CGA DATE 6-98
VERIFICATION BY CGA DATE 6-98
DRAWINGS CORRECTED BY SEC DATE 6-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
C.O.A. BENCHMARK "8-L21"
FROM THE INTERSECTION OF EUBANK AND THE FUTURE INTERSECTION OD DIRECTLY EAST 292'
ELEVATION = 5471.78'
GROUND COORDINATES : NORTHING = 1,481,746.33
EASTING = 418,123.51
GRID COORDINATES : NORTHING = 1,481,220.09
EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964485

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
11599	STEPHEN JAMES TOLER, FROM SURVEYING CONTROL, INC.	

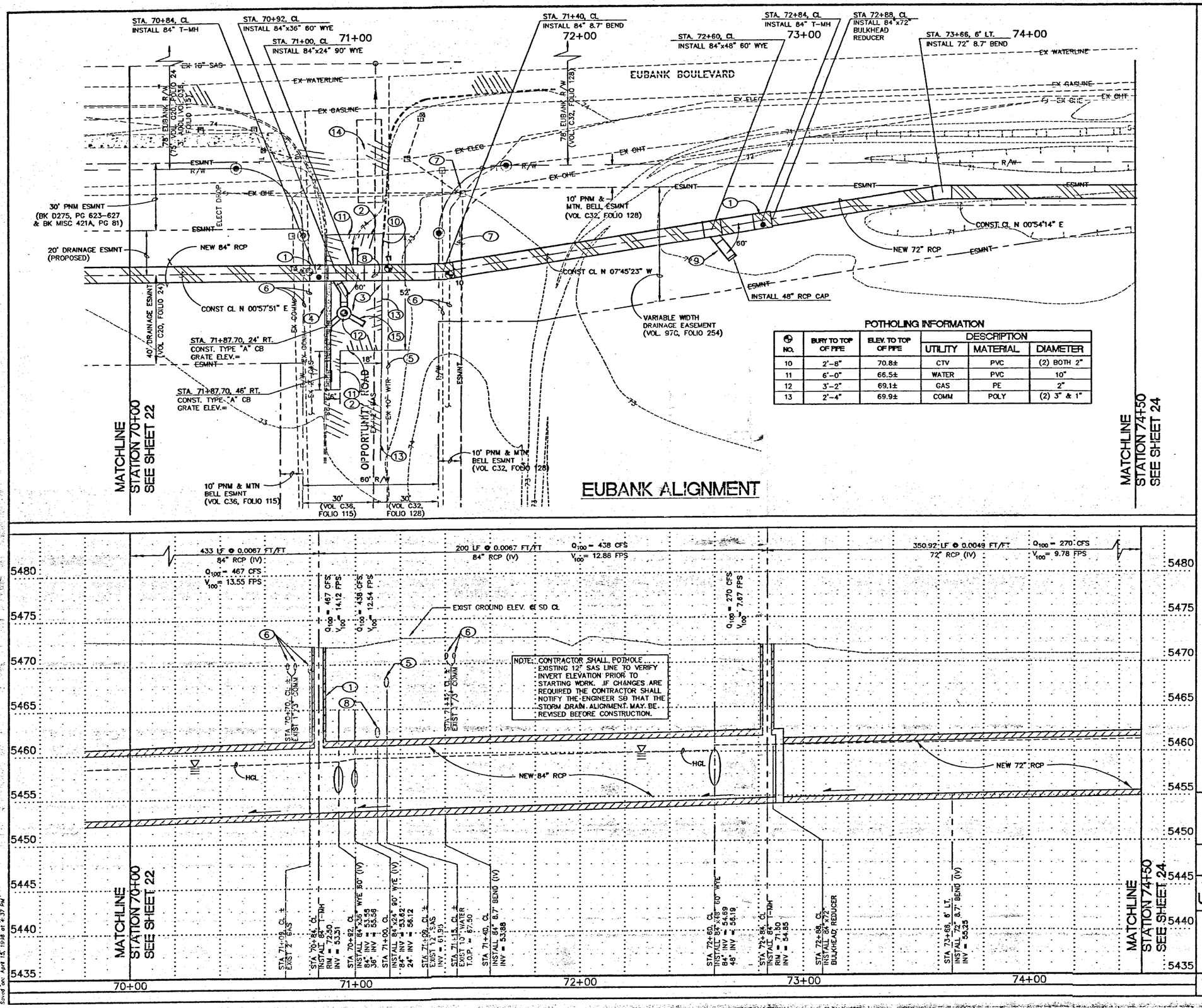
ENGINEERS SEAL
PATRICK J. CONLEY
NEW MEXICO
10141
PROFESSIONAL ENGINEER
4/26/99

NO.	DATE	REMARKS	BY
1	4/26/99	This set replaces set of 4/26/99	PJC

REVISIONS

		DATE
DESIGNED BY	TVD	5/98
DRAWN BY	SEC	5/98
CHECKED BY	PJC	5/98

RECORD DRAWINGS



POTHOLING INFORMATION

NO.	BURY TO TOP OF PIPE	ELEV. TO TOP OF PIPE	DESCRIPTION		
			UTILITY	MATERIAL	DIAMETER
10	2'-8"	70.8±	CTV	PVC	(2) BOTH 2"
11	6'-0"	66.5±	WATER	PVC	10"
12	3'-2"	69.1±	GAS	PE	2"
13	2'-4"	69.9±	COMM	POLY	(2) 3" & 1"

KEYED NOTES:

1. INSTALL NEW T-MH. SEE DETAIL A/45.
2. MATCH EXISTING EDGE OF PAVEMENT.
3. REMOVE AND REPLACE 150-SY ASPHALT PAVEMENT. MATCH EXISTING GRADES. MAINTAIN 2% CROSS SLOPE IN PATCH SECTION. CONSTRUCT NEW ASPHALT SECTION PER DETAIL SHEET 20.
4. CONSTRUCT 50-LF STANDARD CURB-AND-GUTTER PER COA STD DWG 2415.
5. PROVIDE SUPPORT FOR EXISTING 10" WATERLINE FOR INSTALLATION OF NEW STORM DRAIN.
6. PROVIDE SUPPORT FOR EXISTING GAS AND COMMUNICATION LINES. COORDINATE WITH AFFECTED UTILITY COMPANIES.
7. COORDINATE WITH PNM TO SUPPORT EXISTING POWER POLE AND TO TEMPORARILY RELOCATE DOWN WIRES FOR INSTALLATION OF STORM DRAIN. REINSTALL NEW DOWN WIRES AFTER CONSTRUCTION IS COMPLETE.
8. PROVIDE SUPPORT FOR EXISTING 12" SAS FOR INSTALLATION OF NEW STORM DRAIN.
9. INSTALL 8-LF OF 48" RCP SD (IV) @ 0.010 FT/FT. INV @ TERMINATION = 56.27.
10. REMOVE 5-LF OF AC-CURB. DO NOT REPLACE.
11. LIMITS OF PAVEMENT FOR ASPHALT REMOVAL.
12. SEE SHEET 38 FOR PROFILE OF 36" RCP AND CATCH BASINS.
13. EXISTING EDGE OF PAVEMENT.
14. EXISTING LOOP DETECTOR TO REMAIN.
15. INSTALL 8-LF OF 24" RCP SD (IV) @ 0.010 FT/FT. INV @ TERMINATION = 56.20. INSTALL 24" PRE-CAST RCP CAP @ END OF PIPE.
16. INSTALL 8 LF OF 24" RCP STORM DRAIN (IV) @ 0.010 FT/FT. INVERT @ TERMINATION = 56.20. INSTALL 24" CAP AND GASKET AT END OF PIPE.

RECORD DRAWING

Vertical Scale: 1" = 5'

Horizontal Scale: 1"=20'

Job # 195106

Smith Engineering Company
A Pell Service Engineering Company

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: SOUTH EUBANK STORM DRAIN PHASE 1

UTILITY P & P: EUBANK ALIGNMENT: STA 70+00 TO 74+50

Design Review Committee | City Engineer Approval | Last Design Update

City Project No. 4790.91 | Zone Map No. M-21 L-21 | Sheet 23 of 56

AS BUILT INFORMATION
CONTRACTOR RINCI
WORK STAKED BY COA DATE 6/20
INSPECTOR'S ACCEPTANCE BY COA DATE 6/20
FIELD VERIFICATION BY COA DATE 6/20
DRAWINGS CORRECTED BY SEC DATE 6/20
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
C.O.A BENCHMARK "8-L21" FROM THE INTERSECTION OF EUBANK AND THE FUTURE INTERSECTION GO DIRECTLY EAST 292'
ELEVATION = 5471.78'
GROUND COORDINATES : NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES : NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964185

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
11599 STEPHEN JAMES
TOLER, FROM SURVEYING CONTROL, INC.,

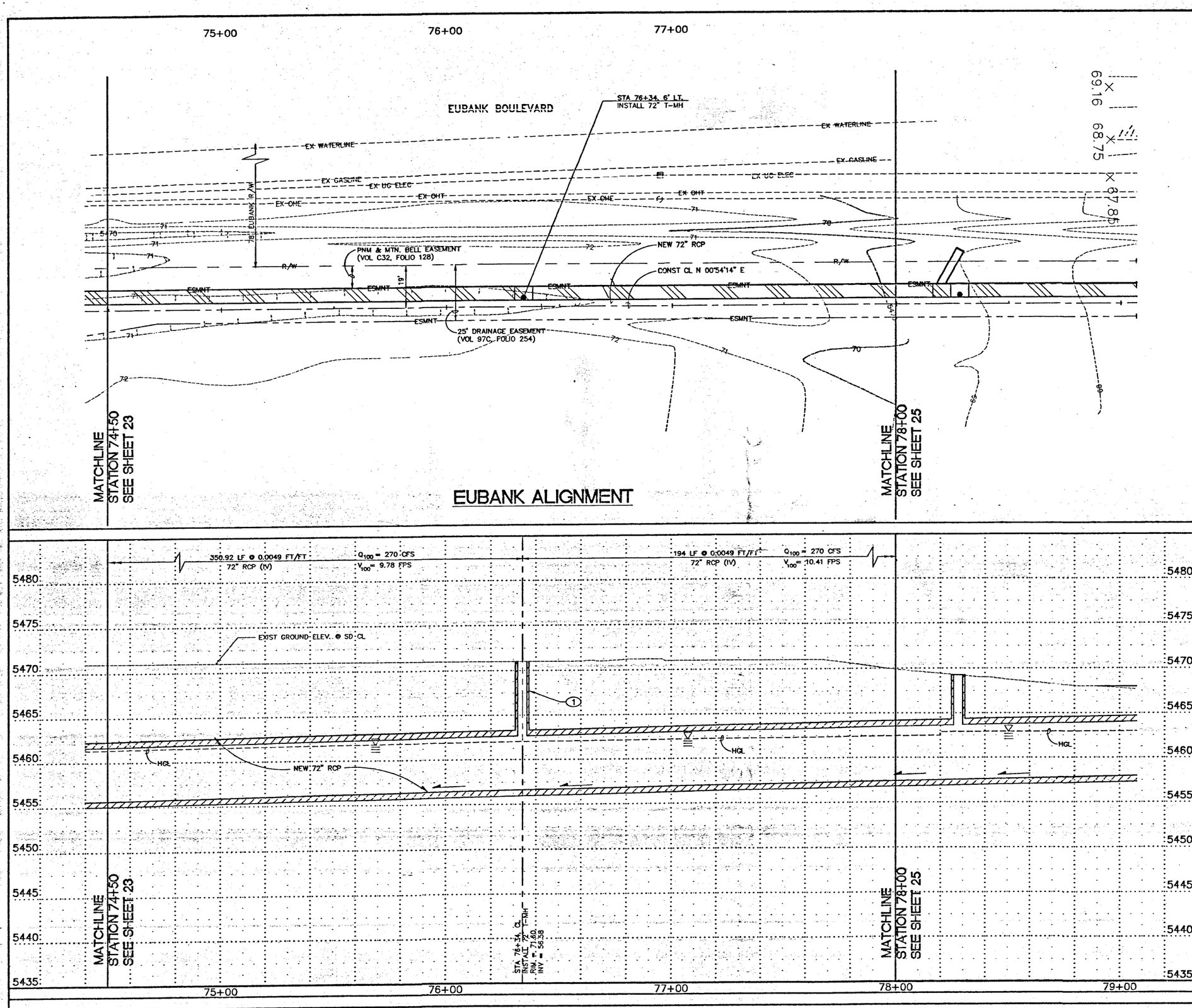
ENGINEERS SEAL
PATRICK J. CONLEY
NEW MEXICO
9/4/99

NO.	DATE	REMARKS	BY
1	9/3/99	REVISED STORM DRAIN ALIGNMENT	MJR

REVISIONS

DESIGN
DESIGNED BY TVD DATE 5/98
DRAWN BY SEC DATE 5/98
CHECKED BY PJC DATE 5/98

Drawing name: N:\195106P1\Option\02pnp.dwg Fri Sep 03 10:06:30 1999 Michael J. Riordan
Saved on: April 13, 1998 at 4:37 PM



KEYED NOTES:

1 INSTALL NEW T-MH. SEE DETAIL A/45.

RECORD DRAWINGS

AS BUILT INFORMATION			
CONTRACTOR			
WORK STAKED BY	COA	DATE	
INSPECTOR'S ACCEPTANCE BY	COA	DATE	
FIELD VERIFICATION BY	COA	DATE	
DRAWINGS CORRECTED BY		DATE	
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS	
C.O.A BENCHMARK "6-L21"	
FROM THE INTERSECTION OF EUBANK AND THE FUTURE	
INTERSECTION GO DIRECTLY EAST 292'	
ELEVATION = 5471.78'	
GROUND COORDINATES :	NORTHING = 1,481,746.33
	EASTING = 418,123.51
GRID COORDINATES :	NORTHING = 1,481,220.09
	EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.999984485	

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE
11599	STEPHEN JAMES	
	TOLER, FROM	
	SURVEYING CONTROL	
	INC.,	

ENGINEER'S SEAL:

FRANK T. LOVELY
NEW MEXICO
PROFESSIONAL ENGINEER
9/9/99

Vertical Scale: 1" = 5'

Horizontal Scale: 1"=20'

NO.	DATE	REMARKS	BY
1	9/3/99	REVISED STORM DRAIN ALIGNMENT	NJR

REVISIONS

DESIGNED BY	TVD	DATE 5/98
DRAWN BY	SEC	DATE 5/98
CHECKED BY	PJC	DATE 5/98

Job # 195106

Smith Engineering Company
A Full Service Engineering Company

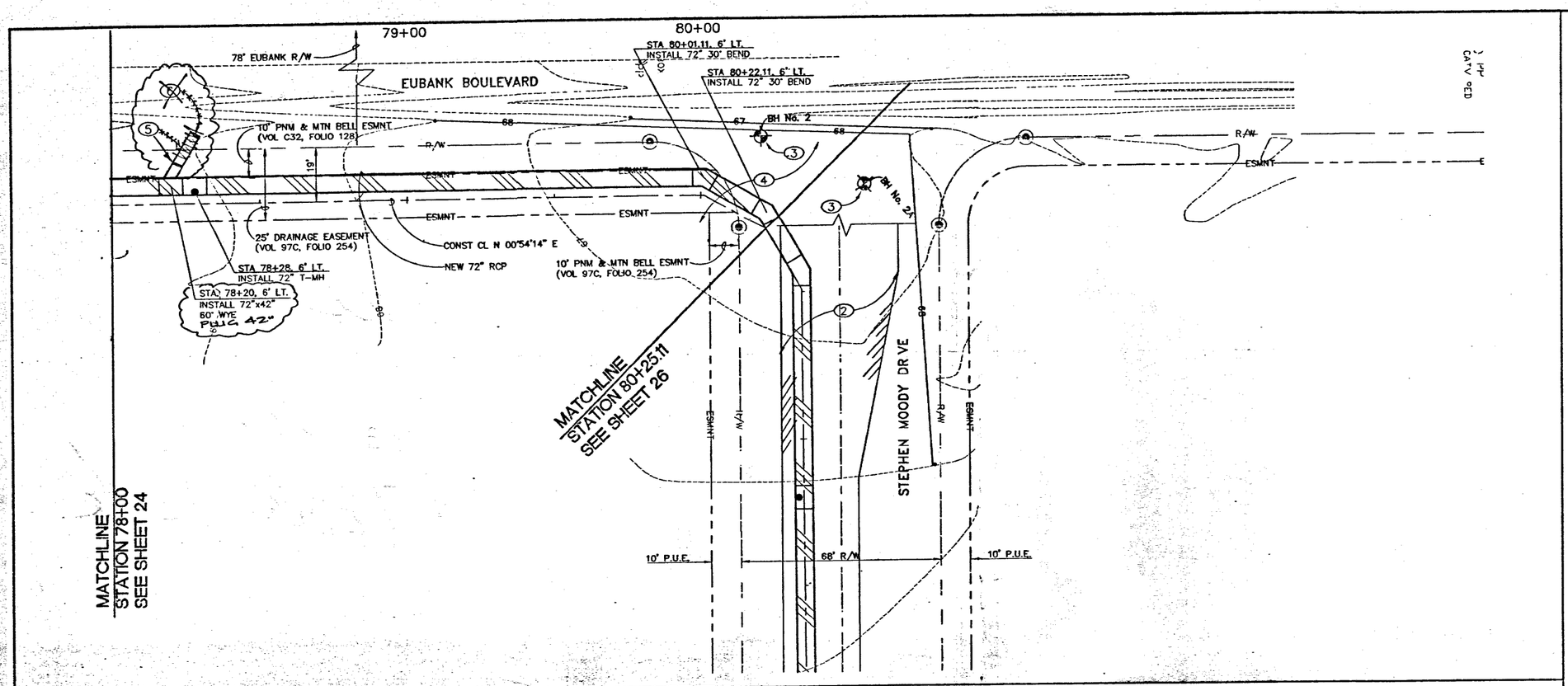
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: SOUTH EUBANK STORM DRAIN PHASE 1

UTILITY P & P: EUBANK ALIGNMENT: STA 74+50 TO 78+00

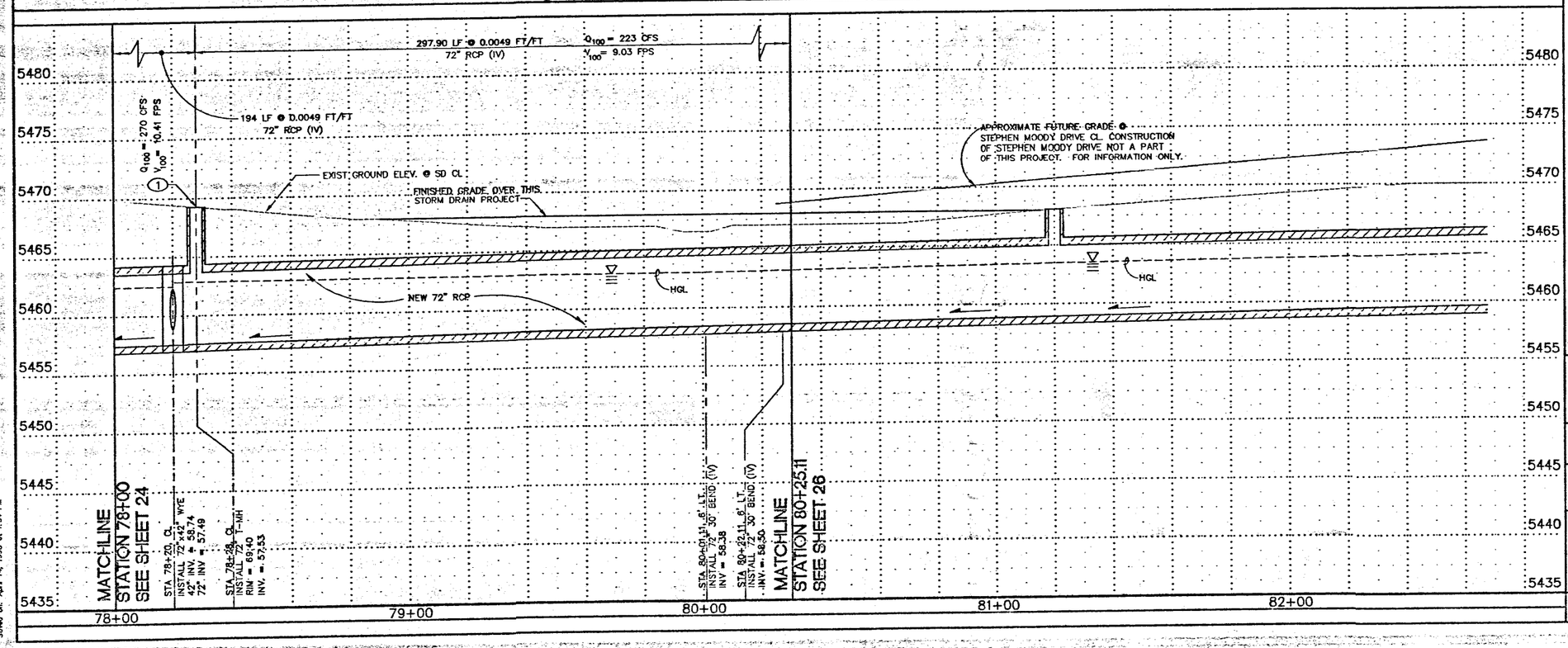
Design Review Committee	City Engineer Approval	Last Design Update	No. / Day / Yr.	No. / Day / Yr.

City Project No.	Zone Map No.	Sheet	Of
4790.91	M-21 L-21	24	55



KEYED NOTES:

1. INSTALL NEW T-MH. SEE DETAIL A/45.
2. FUTURE PAVEMENT LIMITS OF STEPHEN MOODY DRIVE. CONSTRUCTION OF STEPHEN MOODY DRIVE NOT PART OF THIS PROJECT.
3. APPROXIMATE LOCATION OF TEST BORING. SEE AGRA EARTH & ENVIRONMENTAL JOB No. 6-517-155 FOR GEOTECHNICAL REPORT OF TEST BORINGS.
4. FILL AREA TO ELEVATION 68.0 AFTER INSTALLATION OF NEW STORM DRAIN.
5. INSTALL ~~16 LF OF 42" RCP (IV) @ S=0.090 FT/FT.~~ PLUG
6. INSTALL PRE-CAST CONCRETE CAP AT END OF 42" STORM DRAIN. INV. AT CAP = 59.60.



RECORD DRAWINGS

Vertical Scale: 1" = 5'

Horizontal Scale: 1"=20'

Job # 195106

Smith Engineering Company
A Pell Services Engineering Company

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: SOUTH EUBANK STORM DRAIN PHASE 1

UTILITY P & P: EUBANK ALIGNMENT: STA 78+00 TO 80+25.11

Design Review Committee | City Engineer Approval | Last Design Update | No. / Day / Yr. | No. / Day / Yr.

City Project No. 4790.91 | Zone Map No. M-21 L-21 | Sheet 25 Of 56

NO.	DATE	REMARKS	BY
1	9/3/99	REVISED STORM DRAIN ALIGNMENT	MJR

REVISIONS

DESIGN: DESIGNED BY TVD DATE 5/98; DRAWN BY SEC DATE 5/98; CHECKED BY PJC DATE 5/98

ENGINEER'S SEAL

SURVEY INFORMATION

FIELD NOTES NO.	BY	DATE
11599	STEPHEN JAMES TOLER, FROM SURVEYING CONTROL, INC.,	

BENCH MARKS

C.O.A BENCHMARK "6-L21"
FROM THE INTERSECTION OF EUBANK AND THE FUTURE INTERSECTION GO DIRECTLY EAST 292'
ELEVATION = 5471.78'
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GRID COORDINATES : NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964485

AS BUILT INFORMATION

CONTRACTOR: BANC — DATE 6/00
WORK STAKED BY: COA — DATE 6/00
INSPECTOR'S ACCEPTANCE BY: COA — DATE 6/00
FIELD VERIFICATION BY: COA — DATE 6/00
DRAWINGS CORRECTED BY: — DATE 6/00

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO. — DATE

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Saved on: April 14, 1999 at 11:54 AM

M-211/D007A

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Sandia Science
& Tech Park