

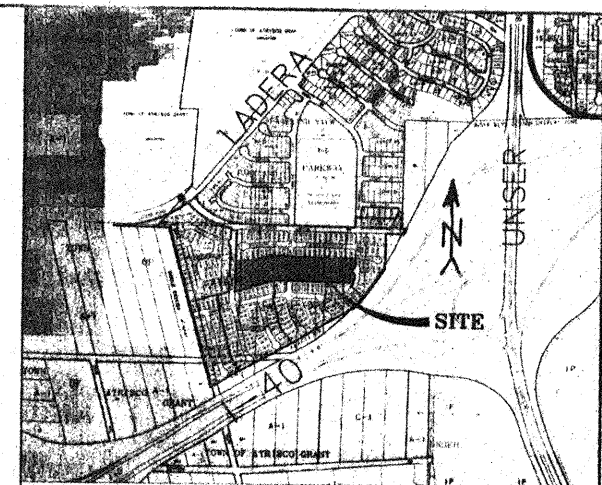
2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-6588.82-2011

SCANNED BY
PLANNING

CONSTRUCTION PLANS
FOR
PAINTED SKY
SUBDIVISION - UNIT 2
ALBUQUERQUE, NEW MEXICO

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2-5	PLAT
6-12	GRADING AND DRAINAGE PLAN
13	MASTER PAVING PLAN
14-15	PAVING IMPROVEMENTS
16	MASTER UTILITY PLAN
17-18	UTILITY IMPROVEMENTS
19-20	TRAFFIC CONTROL



VICINITY MAP ZONE ATLAS J-9
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
 - ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #6.
 - TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 - FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (788-~~8000~~) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 - ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION. (255)
 - ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
 - CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 - CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
 - CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
 - CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION THREE (3) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
 - FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE BY CITY.
- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DERESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

CAUTION:

NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90806
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC CHAIRMAN				4-30-01	
		TRANSPORTATION				4-3-01	
		WATER/WASTEWATER				4-3-01	
		HYDROLOGY				4-3-01	
		CIP				4-3-01	
CONSTR. MNGMT.						4-3-01	
CONSTR. COORD.						4-3-01	
CITY PROJECT NO.		6588.82		SHEET OF		1 20	

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE 6-7-01

DRB - 1000217

SCANNED BY
PLANNING

ACS MONUMENT "ANDY" N.M.
STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=347212.94 Y=1493629.17
DELTA ALPHA = -0177.38"
G-G = 0.9996097
ELEVATION = 5564.45

PRELIMINARY PLAT FOR
PAINTED SKY SUBDIVISION

BEING A PORTION OF
THE UNPLATTED LANDS OF WESTLAND,
PORTIONS OF GAVIN RD.,
ENDEE RD. & 90TH ST.,
TRACT A OF PARKLAND VIEW SUBDIVISION,
AND PARCEL B PARKWAY UNIT 8,
SECTION 16, TOWNSHIP 10 NORTH,
RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE,
BERNALILLO COUNTY,
NEW MEXICO
SEPTEMBER, 2000

ACS MONUMENT "7-40-20A"
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=356926.16 Y=1490199.97
DELTA ALPHA = -016.30"
G-G = 0.9996763
ELEVATION = 5165.89

CURVE TABLE

NUMBER	R =	L =	D =	T =	CH BEARIN =	CHORD LE =
C1	20.00	31.50	80°14'27"	20.00	N 45°31'40" E	28.34
C2	1153.00	353.85	17°35'02"	178.33	N 56°13'40" E	352.46
C3	2291.84	503.88	12°35'49"	252.96	N 36°07'36" E	502.87
C4	620.00	836.99	49°37'28"	296.64	S 64°32'21" E	520.36
C5	30.00	45.63	87°09'17"	28.55	S 03°51'17" W	41.36

LINE TABLE

NUMBER	DISTANCE	DIRECTION
L1	6.07	N 00°43'54" E
L2	79.71	N 85°30'29" E
L3	10.65	S 00°23'41" W
L4	33.89	S 63°05'17" E
L5	47.17	S 89°21'08" E
L6	6.97	S 00°38'54" W

LEGEND

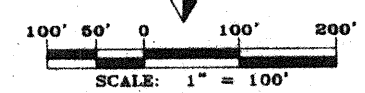
- 1-P1 LOT NUMBER
- BLOCK 2 BLOCK NUMBER
- ▲ CENTER LINE MONUMENT
- R/W RIGHT-OF-WAY
- 5 UNIT NUMBER
- VACATION
- FLOOD PLAIN LIMITS

SUBDIVISION DATA

GROSS ACREAGE	53.6160 AC
ZONE ATLAS NO.	J-9-Z
NO. OF LOTS CREATED	280 LOTS
NO. OF TRACTS CREATED	4 TRACT
AREA DEDICATED TO CITY	13.9341 AC
ZONING	RLT
DATE OF SURVEY	DECEMBER 1999

NOTES

- UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHOWN THIS O SHALL BE MARKED BY A #5 REBAR W/CAP STAMPED PS#11993
 - ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THIS ▲, WILL BE MARKED BY A FOUR INCH (4") ALUMINUM CAP STAMPED: "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION" "DO NOT DISTURB" PS#11993"
 - BOUNDARY SHALL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
 - BASIS OF BEARING SHALL BE NEW MEXICO STATE PLANE GRID BEARINGS.
 - ALL DISTANCES SHALL BE GROUND DISTANCES.
 - MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.
 - A 10' PRIVATE DRAINAGE EASEMENT IS CENTERED ON ALL COMMON SIDE LOT LINES AND ON REAR LOT LINES WHERE THEY ABUT THE SIDE YARD OF THE ADJACENT LOT.
- APPROVED FOR MONUMENTATION AND STREET NAMES



Owner: Westland Development

Barbara Page
Barbara Page
President & C.E.O., Westland Development Co., Inc.

9-18-00
DATE

John P. Hatt
City Surveyor, City of Albuquerque, N.M.

9/20/00
Date

BENCHMARK

ACS MONUMENT "REWARD"
ELEV. = 5316.951

OWNERS

WESTLAND DEVELOPMENT
401 COORS NW
ALBUQUERQUE, N.M. 87121
(505) 831-9800

ENGINEERS

D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

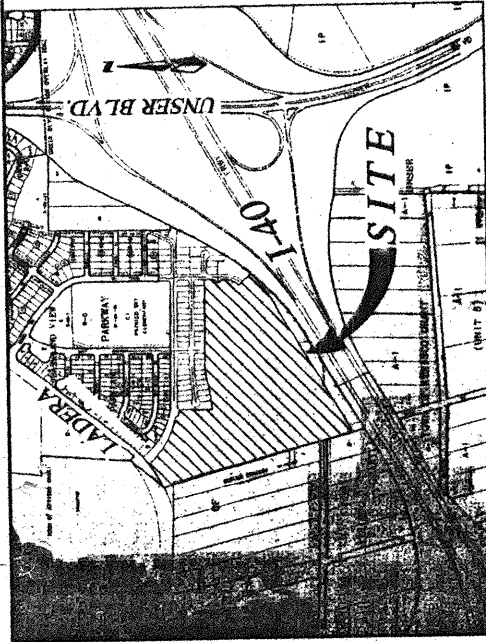
SURVEYOR

PRECISION SURVEY
8414-D JEFFERSON ST. NE
ALBUQUERQUE, N.M. 87113
(505) 856-5700

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

Designed: JGH	Drawn: SPS	Checked: DMG	Sheet 2 of 20
Scale: 1" = 100'	Date: 9-13-00	Job: 99049	

Approved by DRB... For Information Only



LOCATION MAP
ZONE ATLAS J-9-Z
SCALE: NONE

SUBDIVISION DATA
PROJECT # 1000217

PLAT CASE NOS.
GROSS ACREAGE 38.4765 AC
ZONE ATLAS NO. J-9-Z
NO. OF EXISTING TRACTS/PARCELS 1 PARCELS
NO. OF TRACTS/LOTS CREATED 44 LOTS & 1 PARCEL
NO. OF TRACTS/LOTS ELIMINATED 1 PARCEL
MILES OF FULL WIDTH STREETS CREATED 0.25
AREA DEDICATED TO CITY OF ALBUQUERQUE INTERIOR STREETS: 1.4393 AC
DATE OF SURVEY MARCH 2, 1999
UTILITY CONTROL LOCATION SYSTEM LOG NUMBER: 00060209410195

FREE CONSENT AND DEDICATION

The subdivision hereon described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets and public right-of-ways shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby grant: all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, maintain and joint use of gas, electrical power and communication lines, conduits, and pipes for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed.

OWNER:
WESTLAND DEVELOPMENT CO., INC.
BY: BARBARA PAGE

BARBARA PAGE
PRESIDENT & C.E.O., WESTLAND DEVELOPMENT CO., INC.

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO } ss
COUNTY OF BERNALILLO }
This instrument was acknowledged before me as:
by BARBARA PAGE, President and C.E.O. of WESTLAND DEVELOPMENT CO., INC.
A New Mexico Corporation on behalf of said Corporation.

NOTARY PUBLIC
MY COMMISSION EXPIRES

LEGAL DESCRIPTION

A TRACT OF LAND LYING AND SITUATE WITHIN PROJECTED SECTION 16, TOWNSHIP 10 NORTH, RANGE 2 EAST, TOWN OF ATRISCO GRANT, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, COMPRISING OF PARCEL LETTERED "1" OF THE PAINTED SKY SUBDIVISION AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON IN VOLUME 2091C, FOLIO . CONTAINING 38.4765 ACRES MORE OR LESS.

LEGAL DESCRIPTION

(SEE SHEET 2)

PURPOSE OF PLAT

SUBDIVIDE PARCEL LETTERED "1" OF THE PAINTED SKY SUBDIVISION, UNIT 1 INTO 44 RESIDENTIAL LOTS AND 1 PARCEL
VACATE EASEMENTS AS SHOWN
DEDICATE NEW RIGHT-OF-WAY AS SHOWN
GRANT NEW EASEMENTS AS SHOWN

NOTES

PLAT OF
PAINTED SKY
SUBDIVISION
UNIT 2
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH 2001

APPROVED AND ACCEPTED BY:

APPROVAL AND CO-OPERATIONAL ACCEPTANCE as specified by the Albuquerque Subdivision Ordinance, Article X, of Chapter 7 of the Revised Ordinances of Albuquerque, New Mexico.

Subdivision Case No. _____
Planning Director, City of Albuquerque, N.M. _____ Date _____
City Engineer, City of Albuquerque, N.M. _____ Date _____
Albuquerque Metropolitan Arroyos Flood Control Authority _____ Date _____
Transportation Development, City of Albuquerque, N.M. _____ Date _____
Utility Development Division, City of Albuquerque, N.M. _____ Date _____
Parks and Recreation _____ Date _____
City Surveyor, City of Albuquerque, N.M. _____ Date _____
Property Management, City of Albuquerque, N.M. _____ Date _____
PNM GAS _____ Date _____
Qwest Corporation _____ Date _____
PNM ELECTRIC _____ Date _____
Comcast Cable _____ Date _____

SURVEYOR'S CERTIFICATION

"I, Larry W. Medrano, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum Subdivision requirements for monumentation and survey of the subdivision. I am a duly Licensed Surveyor for Land Surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief."

LARRY W. MEDRANO
N.M.P.S. No. 11993



PRECISION SURVEYS, INC.

6414-D JEFFERSON ST., N.E.
ALBUQUERQUE, NEW MEXICO 87113
PHONE 905 886 5700
FAX 905 886 7000

NOTARY PUBLIC
MY COMMISSION EXPIRES

PLAT OF
PAINTED SKY
SUBDIVISION
UNIT 2
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16,
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH 2001

NOTES

1. FIELD SURVEY PERFORMED FROM NOVEMBER 1999 TO AUGUST 2000.
2. ALL BEARINGS ARE GRID BEARINGS. N.M. STATE PLANE COORDINATES. CENTRAL ZONE-NAD 1982.
3. ALL DISTANCES ARE GROUND DISTANCES. U.S. SURVEY FOOT.
4. THIS PROPERTY LIES WITHIN PROJECTED SECTION 16, TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, TOWN OF ATRISCO GRANT, BERNALILLO COUNTY, NEW MEXICO.
5. PLAT SHOWS ALL EASEMENTS OF RECORD.
6. AS TO THE TITLE MATTERS SHOWN HEREON, PRECISION SURVEYS, INC. HAS RELIED SOLELY ON THE "CERTIFICATE AS TO THE STATE OF THE RECORD" PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, OF NUMBER 01994023-FCMIL, DATED JANUARY 21, 2000. PRECISION SURVEYS, INC. MAKES NO STATEMENT AS TO THE ACCURACY OR COMPLETENESS OF THE SUBJECT TITLE REPORT.
7. UPC # 1-009-058-165-411-20140, 1-009-058-174-193-30707, 1-009-058-190-102-30701, 1-009-058-202-193-30703, 1-009-058-204-191-30704, 1-009-058-259-200-40701, 1-009-058-300-212-40401, 1-009-058-315-227-40405, 1-009-058-340-239-40402.
8. UNLESS OTHERWISE NOTED ALL POINTS ARE "SET 1/2" REBAR WITH CAP "LS 11993".

PUBLIC UTILITY EASEMENTS

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

1. The PNM Electric Services Division for the installation, maintenance and service of overhead and underground electrical lines, transformers, poles, and other equipment, fixtures, structural and related facilities reasonably necessary to provide electrical services.
2. The PNM Gas Services Division for installation, maintenance and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
3. Qwest for installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
4. Comcast cable for 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 the access to, from and over said easement, 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 (above ground 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 restrictions. Electrical Safety Codes caused by improper installation, decking or any structures adjacent to within or near easements shown on this plat.

In approving this plat, the utility companies did not conduct a Title Search of the properties shown hereon. Consequently, the utility companies do not waive or release any easement or easement rights which may have been granted by prior plat, rapid or other document and which are not shown on this plat. Easements for electric transformers/switchgear, as installed, shall extend (at least 10') in front of transformer/switchgear doors and five feet (5') on each side.



PRECISION SURVEYS, INC.

6414-D JEFFERSON ST., N.E.
ALBUQUERQUE, NEW MEXICO 87113
PHONE 905 886 5700
FAX 905 886 7000

dwg: UN25872 Drawn: SPS Date: 03/05/01 Job: 99049
Scale: 1"=200'

SCANNED BY
PLANNING

PLAT OF
PAINTED SKY
SUBDIVISION
UNIT 2

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16,
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH 2001

N.M.S.L.C. MONUMENT "N-40-204"
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=350926.16 Y=140758.97
DELTA ALPHA = -0716.30"
G-G = 0.9986763
ELEVATION = 5163.89

LEGEND
● DENOTES R/O REBAR
WITH CAP "PS 11993"

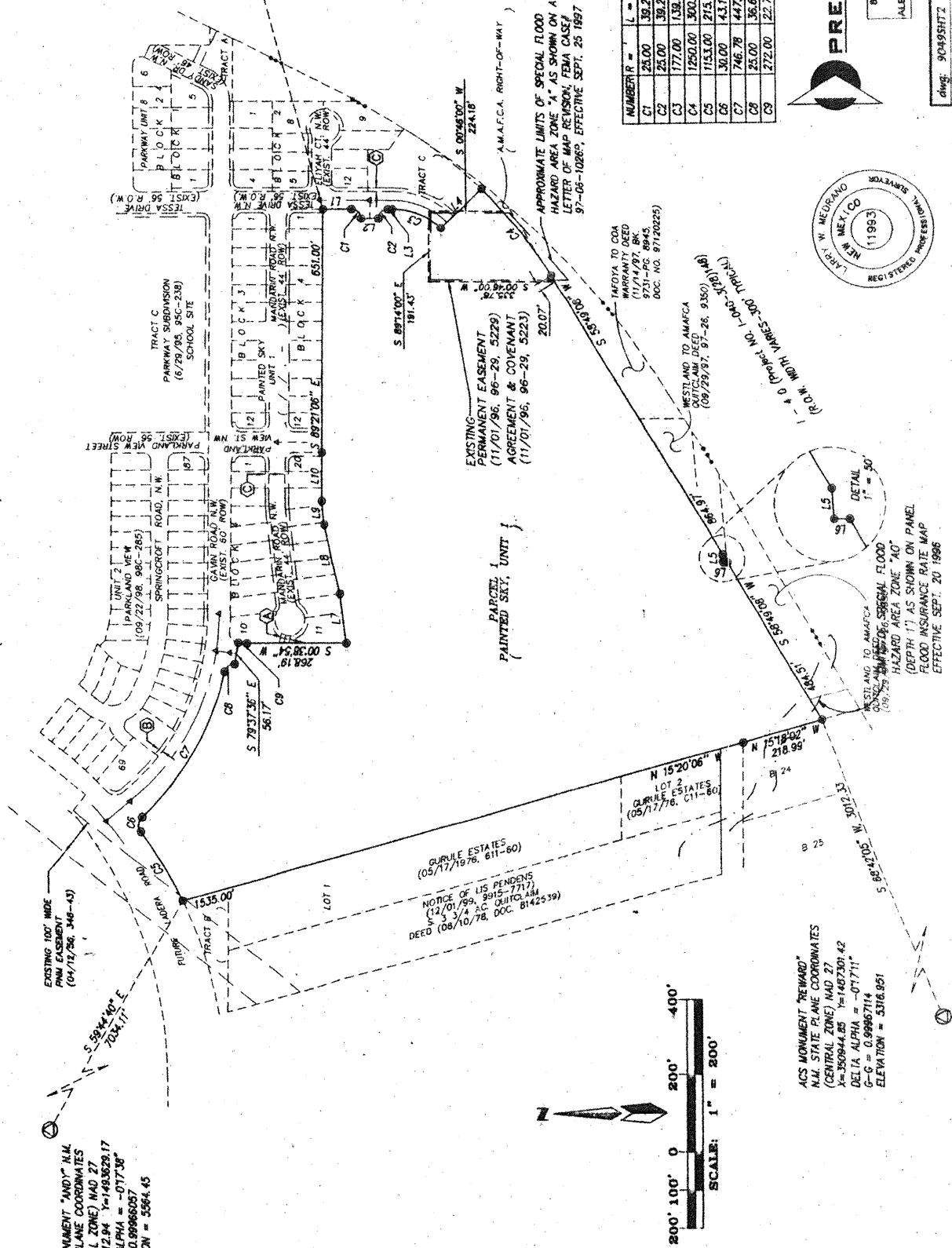
ABBREVIATIONS

10' PUE = PUBLIC UTILITY EASEMENTS
GRANTED WITH THIS PLAT
ROW = RIGHT-OF-WAY

Ⓐ EXIST. 25' SANITARY SEWER
AND WATER LINE EASEMENT
Ⓑ EXISTING 10' PUBLIC UTILITY
EASEMENTS (04/07/1988, 98C-83)
Ⓒ EXIST. 10' PUE (TYP)

NUMBER	DIRECTION	DISTANCE
L1	S 00°39'54" W	73.00'
L2	S 00°39'54" W	44.00'
L3	S 00°39'54" W	44.00'
L4	N 44°10'42" W	148.41'
L5	S 85°50'20" W	19.71'
L6	S 00°23'41" W	10.65'
L7	N 82°57'03" E	128.85'
L8	N 76°52'23" E	162.64'
L9	N 83°42'47" E	80.72'
L10	S 82°23'26" E	127.46'

ACS MONUMENT "AND" N.M.
STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=347812.94 Y=1483828.17
DELTA ALPHA = -0717.30"
G-G = 0.99866057
ELEVATION = 5064.45



NUMBER	L	D	T	C1	BEARING	CHORD	LE
C1	23.00	39.27	90°00'00"	23.00	N 45°30'54" E	35.36	
C2	23.00	39.27	90°00'00"	23.00	N 44°21'06" W	35.36	
C3	177.00	139.45	45°10'24"	73.63	N 23°14'06" E	133.96	
C4	1250.00	300.30	1°34'52"	150.67	N 51°50'12" E	299.57	
C5	1153.00	213.42	10°42'18"	108.03	N 59°39'39" E	215.11	
C6	30.00	43.10	82°19'06"	26.23	N 84°37'57" W	38.49	
C7	746.78	447.75	34°21'11"	230.83	N 60°33'00" W	441.08	
C8	25.00	36.66	84°00'26"	22.51	N 35°43'22" W	33.46	
C9	272.00	122.73	04°47'17"	11.37	N 03°02'32" E	22.72	



PRECISION SURVEYS, INC.

84140 JEFFERSON ST., N.E. PHONE 906 888 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 906 888 7800

Drawn: 9/04/98/HTJ Checked: LHM Sheet 3 of 5
Scale: 1"=200' Date: 01/09/01 Job: 99049

PLAT OF
PAINTED SKY
SUBDIVISION
UNIT 2

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16,
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH 2001

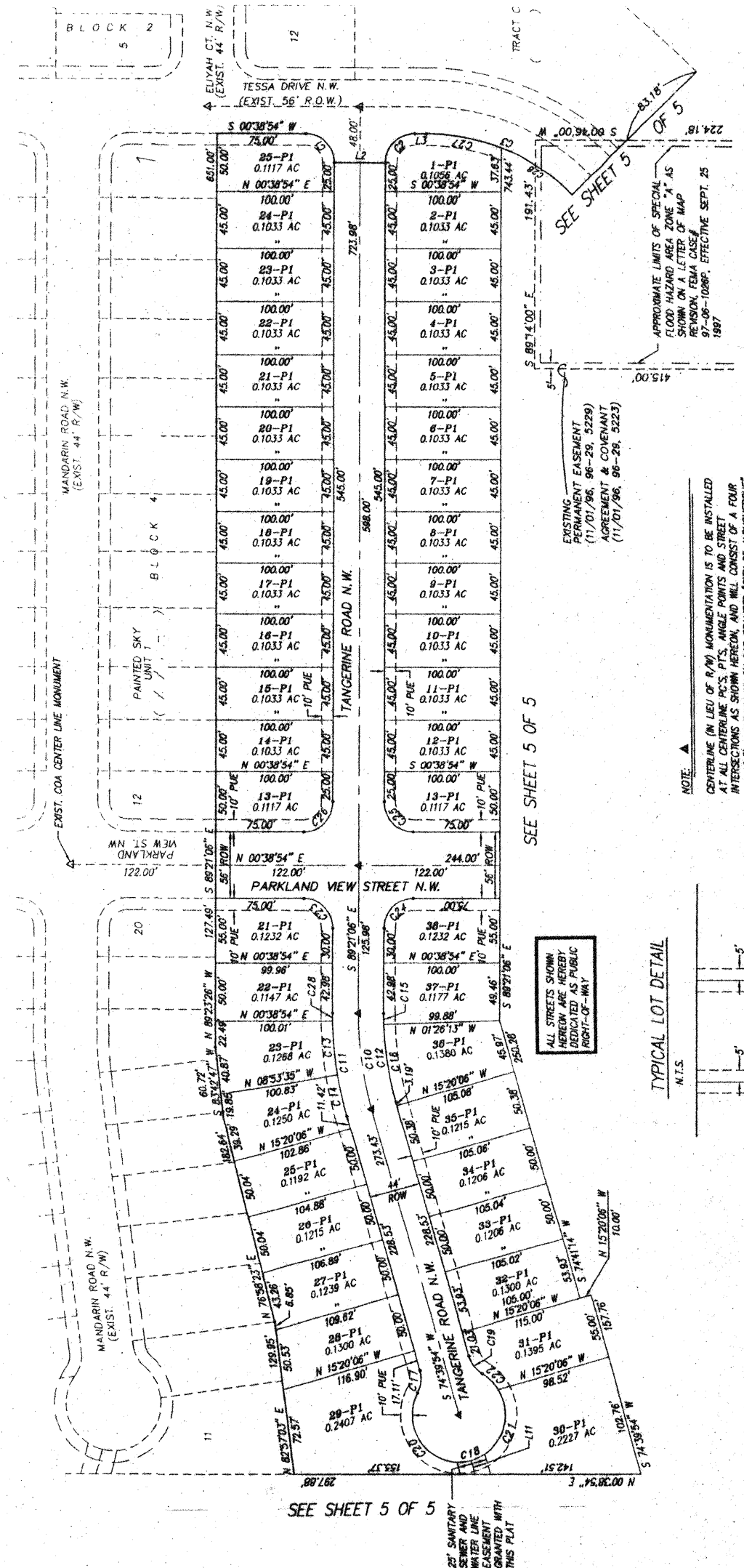
A 10' PRIVATE DRAINAGE EASEMENT IS
CENTERED ON ALL COMMON SIDOT LINES
AND ON REAR LOT LINES WHERE THEY
ABUT THE SIDE YARD OF THE ADJACENT
LOT. (SEE TYPICAL LOT DETAIL)

LEGEND
● DENOTES R/O REBAR
WITH CAP "PS 11993"

ABBREVIATIONS

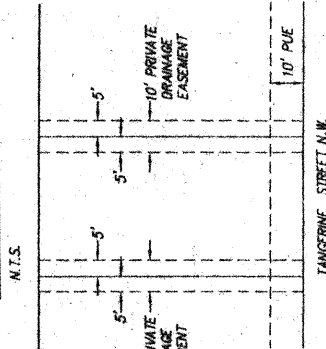
10' PUE = PUBLIC UTILITY EASEMENTS
GRANTED WITH THIS PLAT
ROW = RIGHT-OF-WAY

SEE SHEET 5 OF 5 FOR CURVE AND LINE TABLE



NOTE
▲ CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED
AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS AND STREET
INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR
INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE,
"CENTERLINE MONUMENT", DO NOT DISTURB", "NAPS # 11993".

TYPICAL LOT DETAIL



PRECISION SURVEYS, INC.

84140 JEFFERSON ST., N.E. PHONE 906 888 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 906 888 7800



Drawn: LHM Checked: LHM Sheet 4 of 5
Scale: 1"=200' Date: 03/05/01 Job: 99049

LEGEND

[illegible]

APPROXIMATE LIMITS OF SPECIAL FLOOD
HAZARD AREA, TYPE "A", AS SHOWN ON A
LETTER OF MAP REVISION, FEMA CASE#
97-06-1028P, EFFECTIVE SEPT. 25 1997

AGREEMENT & COVENANT
(11/01/96, 96-29, 5223)

TAFUYA TO CDA
WARRANTY DEED
(11/14/97, BK
201-105, PG
87-88,
DOC NO 97130225)

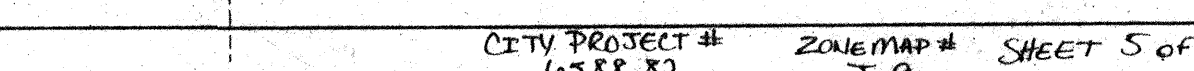
WEST AND TO AMERICA
QUINLAN DEED
(09/29/79, P. 97-26, 9350)

PARTIAL DOWNTOWN

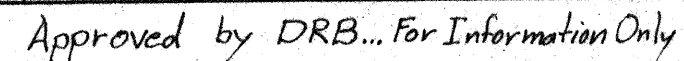
PARCEL 2
31.8650 AC.

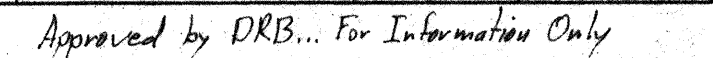
N 15°20'08" W
LOT
GURULE ESTATES
(05/17/76 C11-60)

INDENS
77177
HUTCLAW
DOG. 8142339)

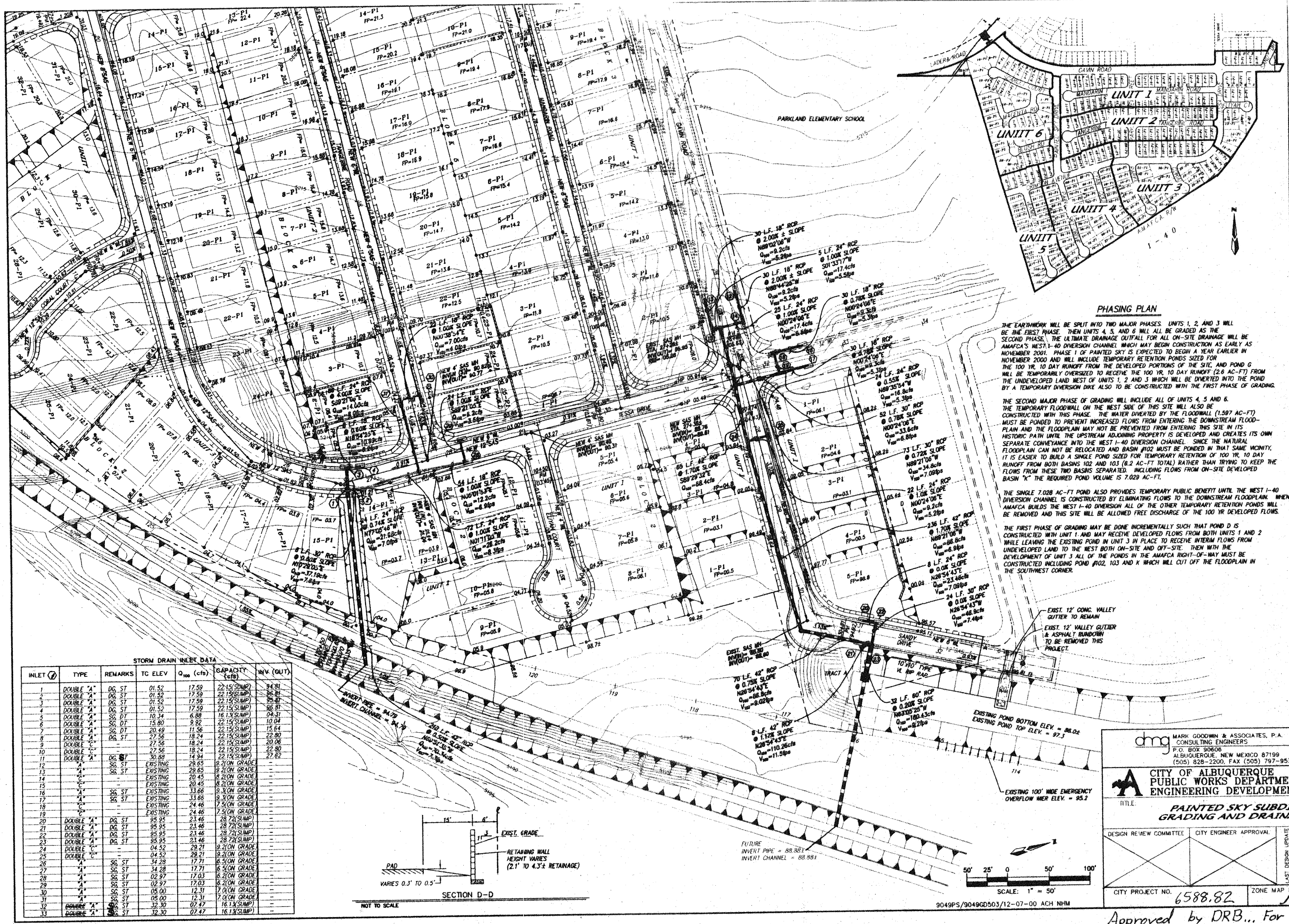


Page 5 of 20





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PLANNING



STORM DRAIN INLET DATA						
INLET #	TYPE	REMARKS	TC ELEV	Q ₁₀₀ (cfs)	CAPACITY (cfs)	INV. (OUT)
1	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	94.81
2	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	95.81
3	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	95.81
4	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
5	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
6	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
7	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
8	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
9	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
10	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
11	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
12	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
13	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
14	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
15	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
16	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
17	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
18	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
19	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
20	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
21	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
22	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
23	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
24	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
25	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
26	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
27	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
28	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
29	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
30	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
31	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
32	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81
33	DOUBLE "A"	DG, ST	01.52	17.59	22.15(SUMP)	96.81

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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP**

TITLE: **PAINTED SKY SUBDIVISION
GRADING AND DRAINAGE PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

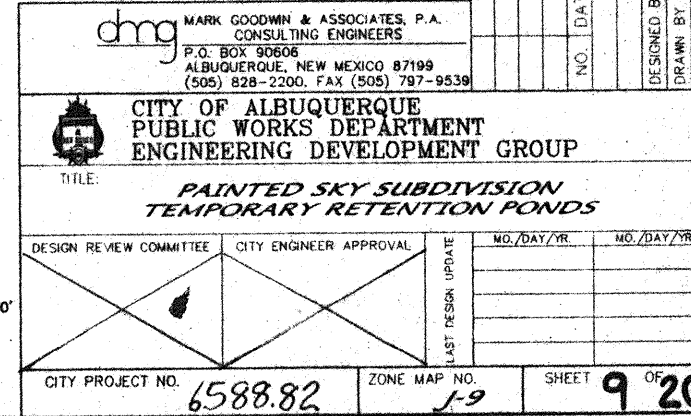
CITY PROJECT NO. **6588.82** ZONE MAP NO. **1-9** SHEET **8** OF **20**

Approved by DRB... For Information Only

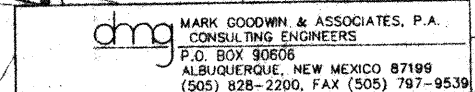
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	BY
AS MONUMENT "REMARK"	DATE						
N.M. STATE PLANE COORDINATES	DATE						
(CENTRAL ZONE) MAG 27	DATE						
X = 300944.85 Y = 447201.42	DATE						
DELTA ALPHA = -0.711"	DATE						
G-C = 0.8989714	DATE						
ELEVATION = 5316.851	DATE						

REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
1-7-00

REVISIONS	DATE	BY
DESIGN	09/00	DMG
REVISIONS	DATE	BY
DESIGN	09/00	DMG

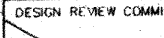
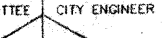
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Approved by DRB... For Information Only

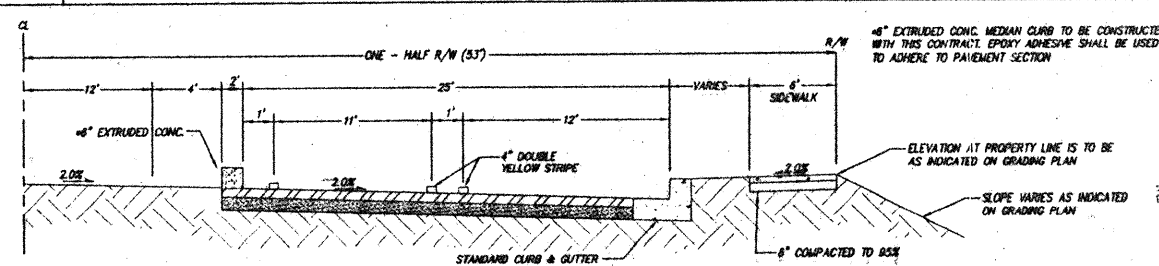
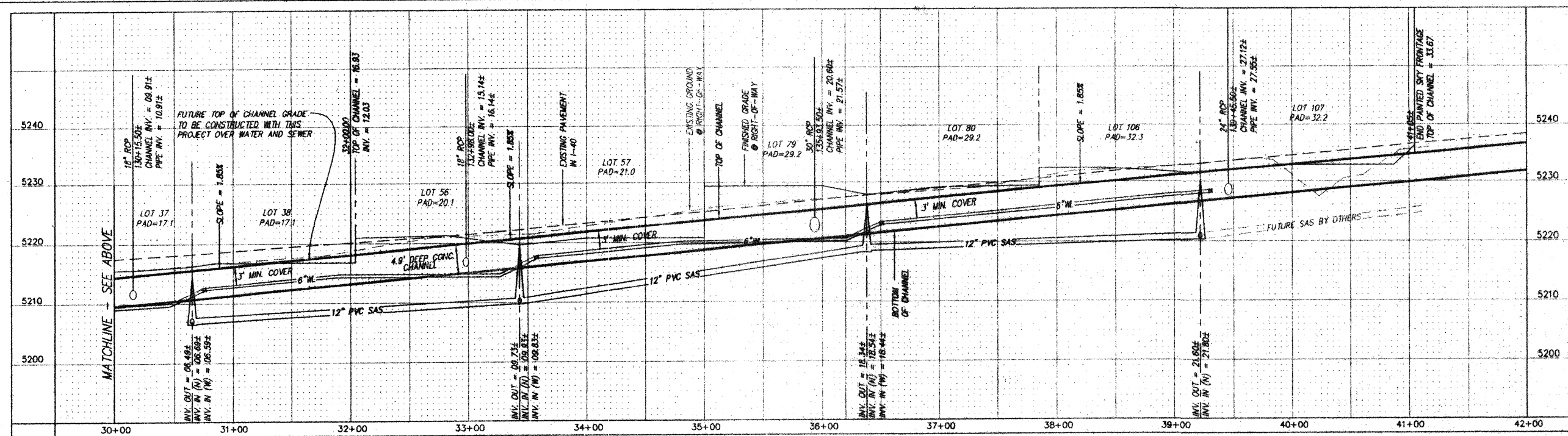
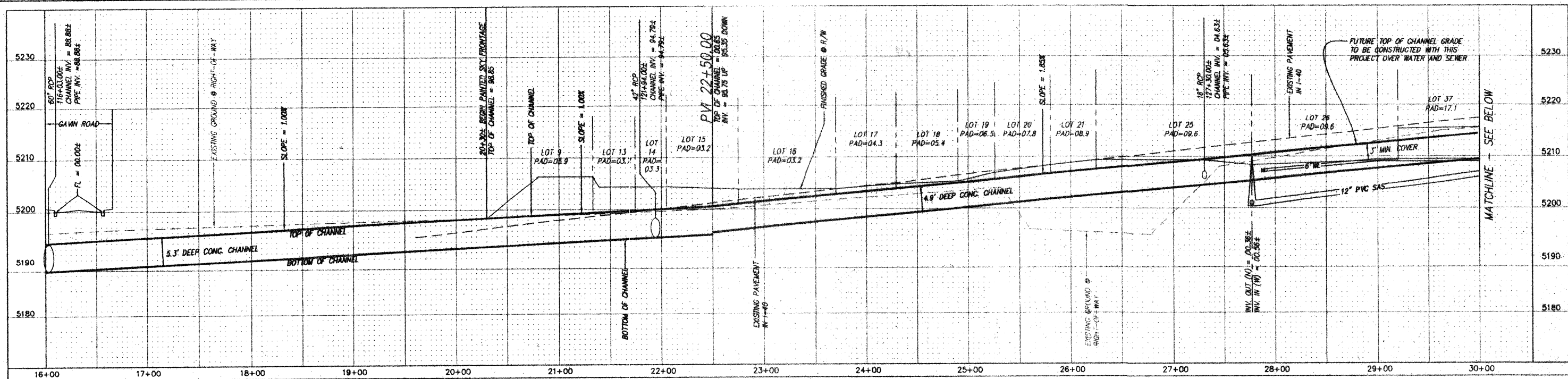


 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

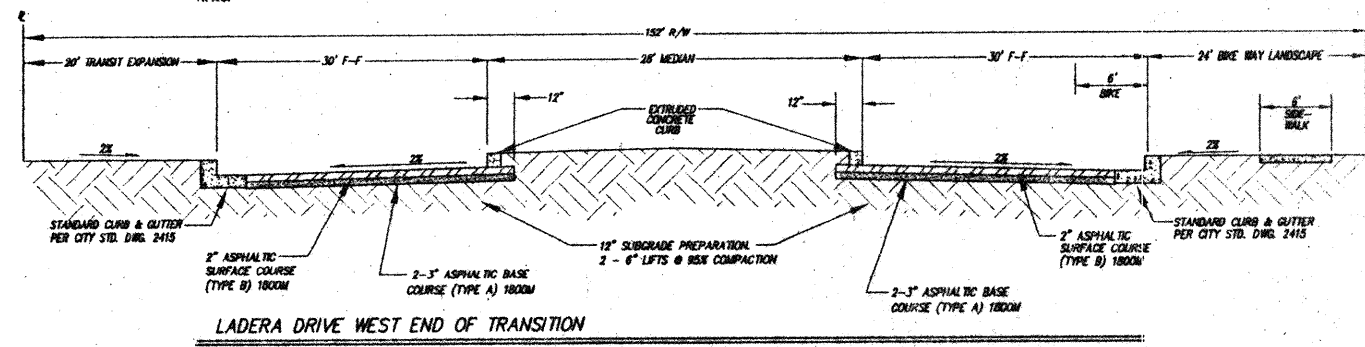
TITLE: *PAINTED SKY SUBDIVISION
TEMPORARY RETENTION PONDS*

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO / DAY / YR	MO / DAY / YR
				
CITY PROJECT NO. 6588.82	ZONE MAP NO. 1-9	SHEET 10 OF 20		

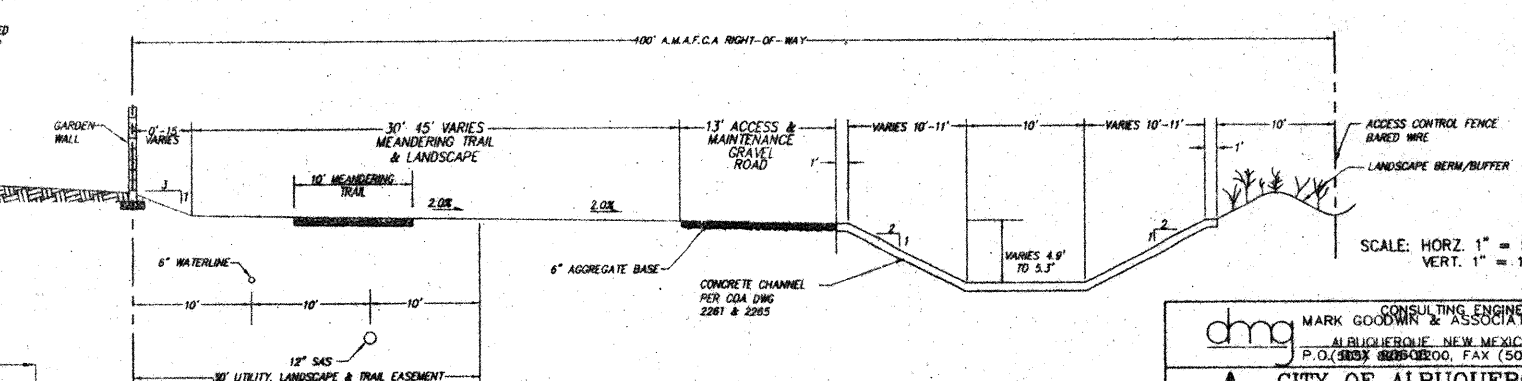
Approved by DRB... For Information Only



TYPICAL SECTION LADERA DRIVE 1/2 SECTION NORTH OF TRANSITION
N.T.S.



LADERA DRIVE WEST END OF TRANSITION
N.T.S.



TYPICAL SECTION B-B

SLOPE	1.85%	1.00%	EQUATION
D	2.82'	3.37'	
V	24.59 FPS	19.69 FPS	
FREEBOARD	2.01'	1.92'	$0.2 \sqrt{(2.0 + 0.025 V^2)}$
RADIUS		1250'	
SUPERELEVATION	0.42'	0.23'	$1.3 \sqrt{(R + 220)}$
TOTAL	5.30'	5.52'	
	$Q_{90} = 1113 cfs$	$n = 0.13$	

FOR INFORMATION
ONLY
NOT FOR
CONSTRUCTION

CONSULTING ENGINEERS
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **PAINTED SKY SUBDIVISION**
WEST INTERSTATE 40 DIVERSION CHANNEL
PROFILE AND TYPICAL SECTION

DESIGN REVIEW COMMITTEE: ☐ CITY ENGINEER APPROVAL: ☐

NO. 1 DATE: BY:

DESIGNED BY: JDN DATE: 09/00
DRAWN BY: NHA/ACH DATE: 09/00
CHECKED BY: DMG DATE: 09/00

CITY PROJECT NO. **6588.82** ZONE MAP NO. **1-9** SHEET **11** OF **20**

Approved by ORB... For Information Only

AS BUILT INFORMATION

CONTRACTOR: DATE:

INSPECTED BY: DATE:

FIELD BY: DATE:

VERIFIED BY: DATE:

CORRECTED BY: DATE:

RECORDED BY: DATE:

NO.

ENGINEER'S SEAL

REMARKS

REVISIONS

DESIGN

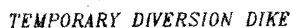
NO. 1 DATE: BY:

DESIGNED BY: JDN DATE: 09/00
DRAWN BY: NHA/ACH DATE: 09/00
CHECKED BY: DMG DATE: 09/00

Rev 12-7-00 R21

11-30-00

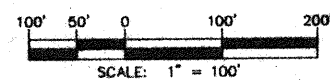
THE EARTHWORK WILL BE SPLIT INTO TWO MAJOR PHASES. UNITS 1, 2 AND 3 WILL ALL BE GRADED AT ONCE AS THE FIRST PHASE. THEN UNITS 4, 5 AND 6 WILL ALL BE GRADED AS THE SECOND PHASE. THE ULTIMATE DRAINAGE OUTFALL FOR ALL ON-SITE DRAINAGE WILL BE AMAPCA'S WEST #1-40 DIVERSION CHANNEL, WHICH MAY BEGIN CONSTRUCTION AS EARLY AS NOVEMBER 2000. THE PAINTED SURFACING IS TO BE COMPLETED ONE YEAR EARLIER IN NOVEMBER 2000 AND WILL INCLUDE TEMPORARY RETENTION PONDS #D, E, AND F SIZED FOR THE 100 YR., 10 DAY RUNOFF FROM THE DEVELOPED PORTIONS OF THE SITE, AND POND G WILL BE TEMPORARILY OVERSIZED TO RECEIVE THE 100 YR., 10 DAY RUNOFF (2.6 ACFT) FROM THE UNDEVELOPED PORTIONS OF THE SITE. UNITS 1, 2 AND 3 WILL BE CONVERTED INTO THE POND SURF. TEMPORARY DIVERSION DUE ALSO TO BE COMPLETED WITH THE FIRST PHASE OF GRADING.



1. Temporary diversion dikes must be installed as a first step to the least-disturbing activity and must be functional prior to uplope land disturbance.
2. The dike should be adequately compacted to prevent failure.
3. Temporary or permanent seeding and mulch shall be applied to the dike immediately following its construction.
4. The dike should be located to minimize damages by construction operations and traffic.

The measure shall be inspected after every storm and repairs made to the dike, flow channel, outlet or sediment trapping facility, as necessary. Once every two weeks, whether a storm event has occurred or not, the measure shall be inspected and repairs made if needed. Damage caused by construction traffic or other activity must be repaired before the end of each working day.

 MOUNTABLE CURB & GUTTER
 STANDARD 8" CURB & GUTTER
 PROPOSED DRAINAGE BASIN
 TRACT/LOT BOUNDARY
 RIGHT OF WAY
 EASEMENTS
 W PROPOSED WATERLINE
 SAS PROPOSED SANITARY SEWER
 CENTERLINE OF ROAD
 EXISTING CURB AND GUTTER
 EXISTING SANITARY SEWER MANHOLE
 EXISTING WATER VALVE
 -8" W EXISTING WATERLINE
 EXISTING FIRE HYDRANT
 SAS EXISTING STORM SEWER MANHOLE
 EXISTING SANITARY SEWER
 EXISTING EDGE OF PAVEMENT
 4' DEFERRED SIDEWALK
 (DD) DIVERSION DIKE
 20
 40



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ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

**A CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP**

TITLE: ***PAINTED SKY SUBDIVISION
MASTER GRADING & DRAINAGE PLAN
PHASE 1 GRADING***

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO. 6588.82		ZONE MAP NO. C-20-2		SHEET 12 OF 20		

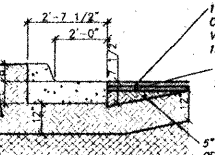
Approved by DRB... For Information Only

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PLANNING

NOTES

1. ALL 4" VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6" VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS, EXCEPT 10" VALLEY GUTTERS PER ALBUQUERQUE STANDARD DRAWING 2422.
2. ALL 4" INTERIOR SIDEWALKS ARE DEFERRED.
3. TRANSITION FROM ROLL CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE STANDARD DRAWING 2418, UNLESS OTHERWISE SPECIFIED.
4. ALL HANDICAP RAMPS TO BE CASE 11 PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED, THEN THE 7' LENGTH AS SHOWN IN DRAWING 2441 SHALL BE INCREASED TO MAINTAIN A SLOPE < 12:1.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50' AND TRANSITION SECTIONS FROM FULL TO HALF CROWN TO BE A MINIMUM OF 25' PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL PROPOSED SIDEWALKS ARE PER CITY OF ALBUQUERQUE STANDARD DETAIL #2430.

12" SUBGRADE SOIL, R-VALUE > 50 RESIDENTIAL 62 ENTRANCE, PLACED IN 2'-6" COMPACTED LIFTS WITH MIN. COMPACTION, 41 OPT. MOISTURE ± 2.0% ASTM D1557, OR OPT. MOISTURE TO +4% ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. TO EXTEND FULL WIDTH OF ROADWAY TO 1.0' BACK OF NEW CURB PER SECTION 301.4.1.1

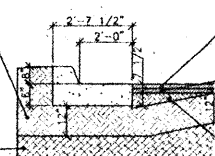


1-1/2" ASPHALT CONC. TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE VALVES COVERS/RINGS ARE SET TO GRADE 1500 LBS. STABILITY TYPE B GRADATION. 1-1/2" ASPHALT CONCRETE 1500 LBS. STABILITY, TYPE B GRADATION. 5" SUBBASE TO BE ADDED AFTER COMPLETION OF CURB AND TAPERED TO 0" IN 104' FROM EDGE OF GUTTER. SUBGRADE PREP SHALL NOT EXTEND BELOW THE BOTTOM OF THE GUTTER PER SECTION 301.4.1

RESIDENTIAL PAVEMENT SECTION

N.T.S. (PER CITY STD. DWG. 2405)

12" SUBGRADE SOIL, R-VALUE > 50 RESIDENTIAL 62 ENTRANCE, PLACED IN 2'-6" COMPACTED LIFTS WITH MIN. COMPACTION, 41 OPT. MOISTURE ± 2.0% ASTM D1557, OR OPT. MOISTURE TO +4% ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. TO EXTEND FULL WIDTH OF ROADWAY TO 1.0' BACK OF NEW CURB PER SECTION 301.4.1.1



2" ASPHALT CONC. TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE VALVES COVERS/RINGS ARE SET TO GRADE 1500 LBS. STABILITY TYPE B GRADATION. 2" ASPHALT CONCRETE 1500 LBS. STABILITY, TYPE B GRADATION. 5" SUBBASE TO BE ADDED AFTER COMPLETION OF CURB AND TAPERED TO 0" IN 104' FROM EDGE OF GUTTER. SUBGRADE PREP SHALL NOT EXTEND BELOW THE BOTTOM OF THE GUTTER PER SECTION 301.4.1

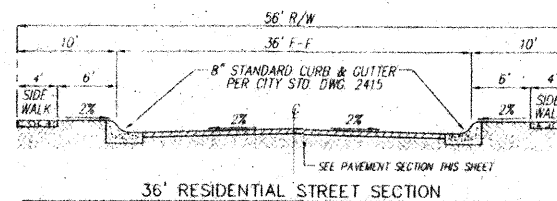
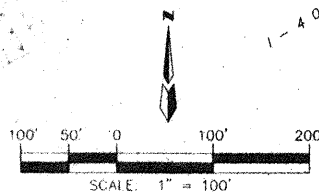
4" ENTRANCE PAVEMENT SECTION

N.T.S. (PER CITY STD. DWG. 2405)

LEGEND

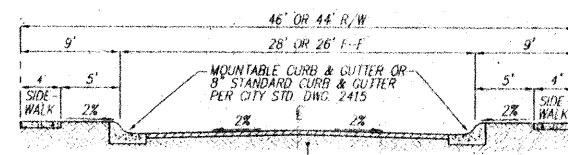
- | | |
|---------------------------|--|
| LADERA ROAD 7" PAVING | 50' CROWN TRANSITION |
| GAVIN ROAD 5" PAVING | CENTERLINE OF ROAD |
| ENTRANCE 4" PAVING | EXISTING CURB AND GUTTER |
| MOUNTABLE CURB & GUTTER | EXISTING SANITARY SEWER MANHOLE |
| STANDARD 8" CURB & GUTTER | EXISTING WATER VALVE |
| PROPOSED DRAINAGE BASIN | EXISTING WATERLINE |
| TRACT/LOT BOUNDARY | EXISTING FIRE HYDRANT |
| RIGHT OF WAY EASEMENTS | EXISTING STORM SEWER MANHOLE |
| NEW PHASE LINE | EXISTING SANITARY SEWER |
| FUTURE STREET LITE | EXISTING EDGE OF PAVEMENT |
| EXISTING STREET LITE | 4' DEFERRED SIDEWALK |
| | REMOVE & REPLACE EXISTING ASPHALT PAVEMENT AND CURB & GUTTER |
| | NEW STREET LITE |

ENDEE RD.



36" RESIDENTIAL STREET SECTION

NOT TO SCALE



28" OR 26" RESIDENTIAL STREET SECTION

NOT TO SCALE

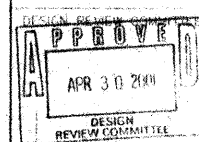
dmg

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

PAINTED SKY SUBDIVISION - UNIT 2 MASTER PAVING PLAN



CITY ENGINEER APPROVAL
LAST DESIGN UPDATE

NO. / DAY / YR
DATE
DESIGNED BY
CHECKED BY
DATE

CITY PROJECT NO.

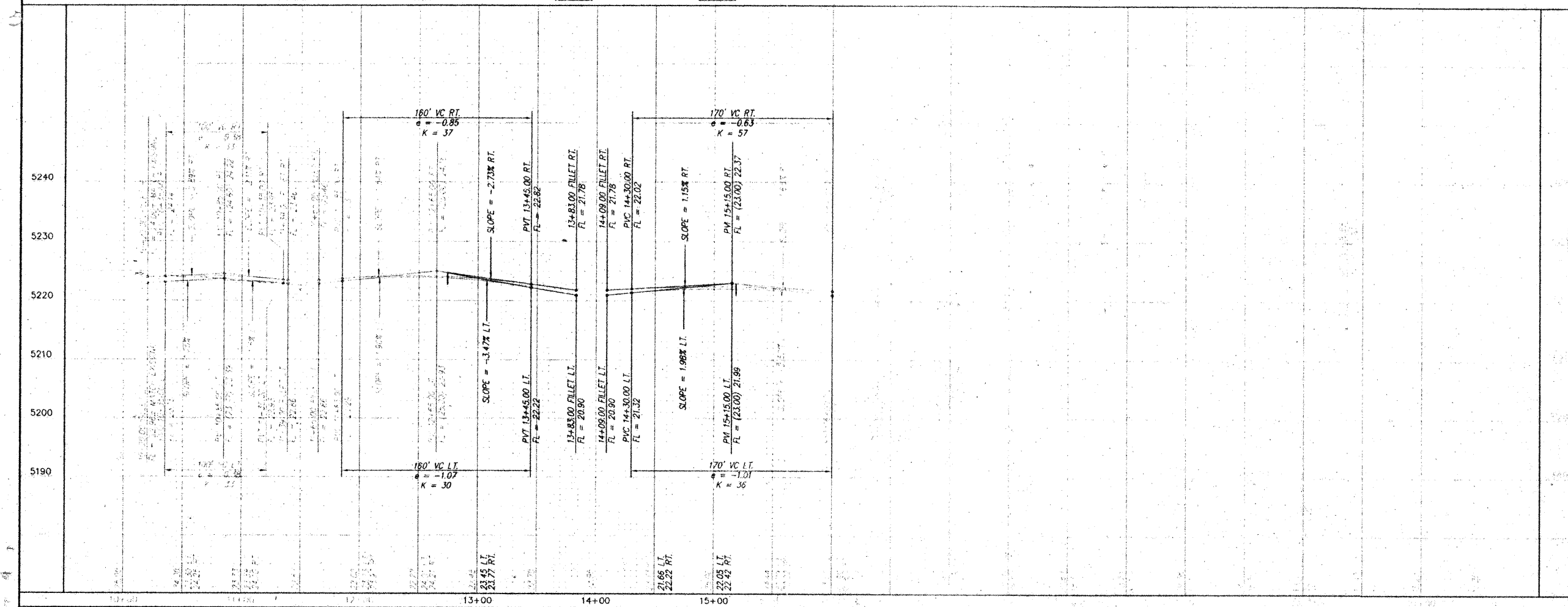
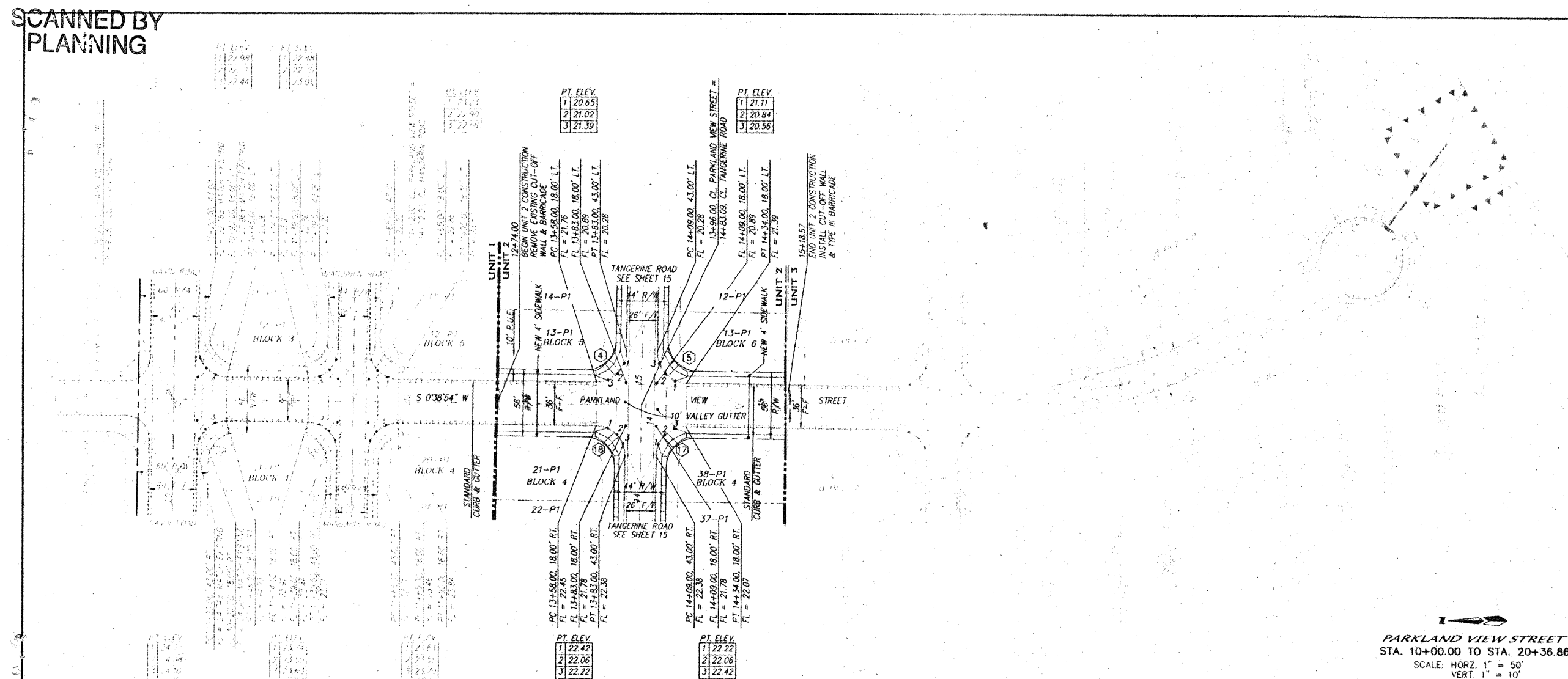
6588.82

2008 MAP NO.

J-9

13 20

99049PS/UNIT 2 PLANS/9049u2MP.dwg/03-29-01/ACH NHM DER



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES FACE OF NEW CURB

$$\begin{array}{ll} \textcircled{4} \Delta = 90^{\circ}00'00'' & \textcircled{5} \Delta = 90^{\circ}00'00'' \\ R = 25.00' & R = 25.00' \\ T = 25.00' & T = 25.00' \\ L = 39.27' & L = 39.27' \end{array}$$

$$\begin{array}{ll} \textcircled{17} \Delta = 90^{\circ}00'00'' & \textcircled{18} \Delta = 90^{\circ}00'00'' \\ R = 25.00' & R = 25.00' \\ T = 25.00' & T = 25.00' \\ L = 39.27' & L = 39.27' \end{array}$$

LEGEND

ENTRANCE 4" PAVING

PHASE LINE

PARKLAND VIEW STREET
STA. 10+00.00 TO STA. 20+36.86
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

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 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

***PAINTED SKY SUBDIVISION - UNIT 2
PAVING IMPROVEMENTS***

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

[illegible]

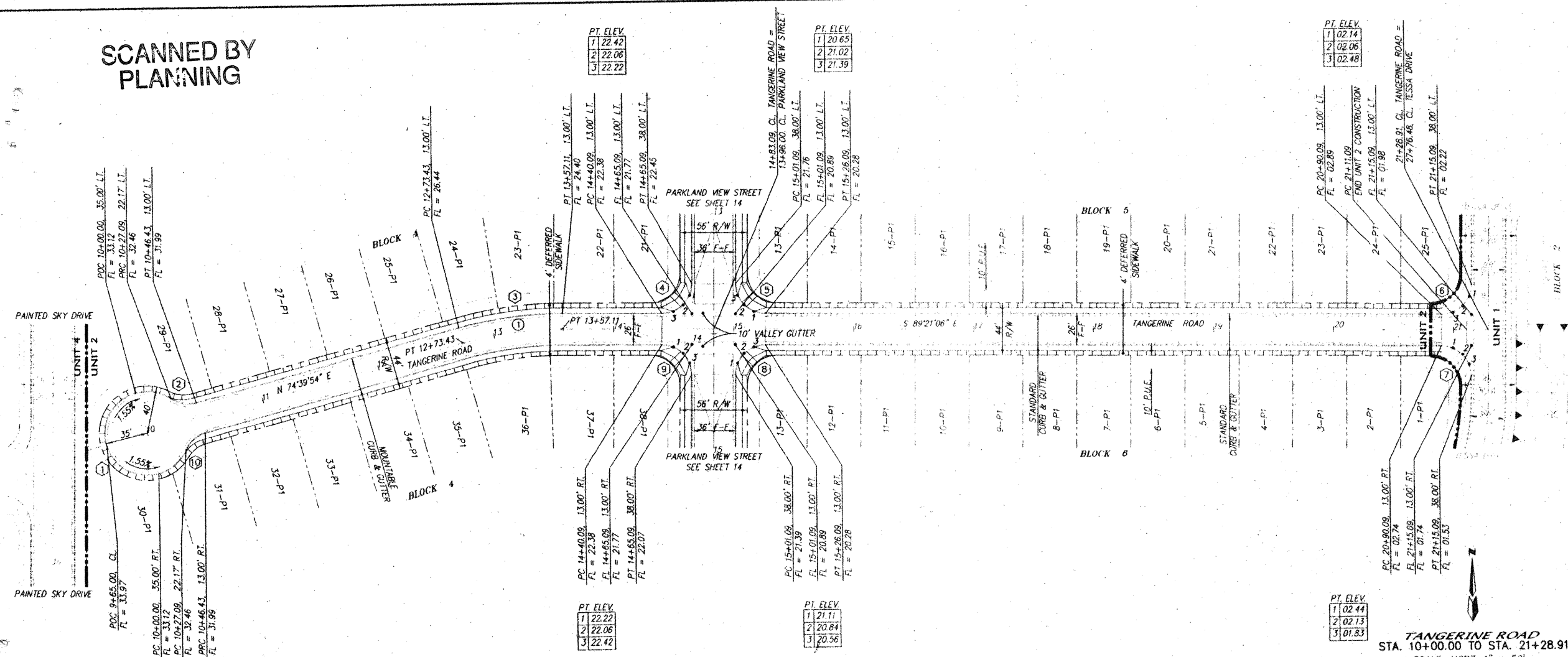
CITY PROJECT NO.	LINE MAP NO.	SHEET	OF
6588.82	1-9	14	20

STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 446 GO WEST ON CENTRAL 1.8 MI. TO MALLORY RD. ON RT. 180TH ST. ON L.F.T. THEN NORTH ALONG MALLORY RD. CROSSING OVER U.S. 1-40, 1.0-1.0 MI. TO TRACK RD. LEFT. THEN TAKE TRACK ROAD 0.1 MI. TO 21.0 MI. FROM 68 AND STATION TO LEFT. STATION IS STANDARD U.S. ARMY BRASS TABLE STAMPED "REWARD 1985". SET IN TOP OF A CONCRETE POST PROTECTING 0.3 FT. ABOVE GROUND.

$x = 350.9485$
 $y = 1.487, 30.72$ ABOVE GROUND

[illegible][illegible]

SCANNED BY
PLANNING



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES CENTERLINE

① $\Delta = 1559'00''$
 $R = 300.00'$
 $T = 42.12'$
 $L = 83.69'$

CURVE DATA - DESCRIBES FACE OF NEW CURB

① $\Delta = 281'24'25''$ ② $\Delta = 50'42'13''$ ③ $\Delta = 1559'00''$
 $R = 35.00'$ $R = 25.00'$ $R = 313.00'$
 $T = -28.64'$ $T = 11.85'$ $T = 43.94'$
 $L = 171.90'$ $L = 22.12'$ $L = 87.32'$

④ $\Delta = 90'00'00''$ ⑤ $\Delta = 90'00'00''$
 $R = 25.00'$ $R = 25.00'$
 $T = 25.00'$ $T = 25.00'$
 $L = 39.27'$ $L = 39.27'$

⑧ $\Delta = 90'00'00''$ ⑨ $\Delta = 90'00'00''$
 $R = 25.00'$ $R = 25.00'$
 $T = 25.00'$ $T = 25.00'$
 $L = 39.27'$ $L = 39.27'$

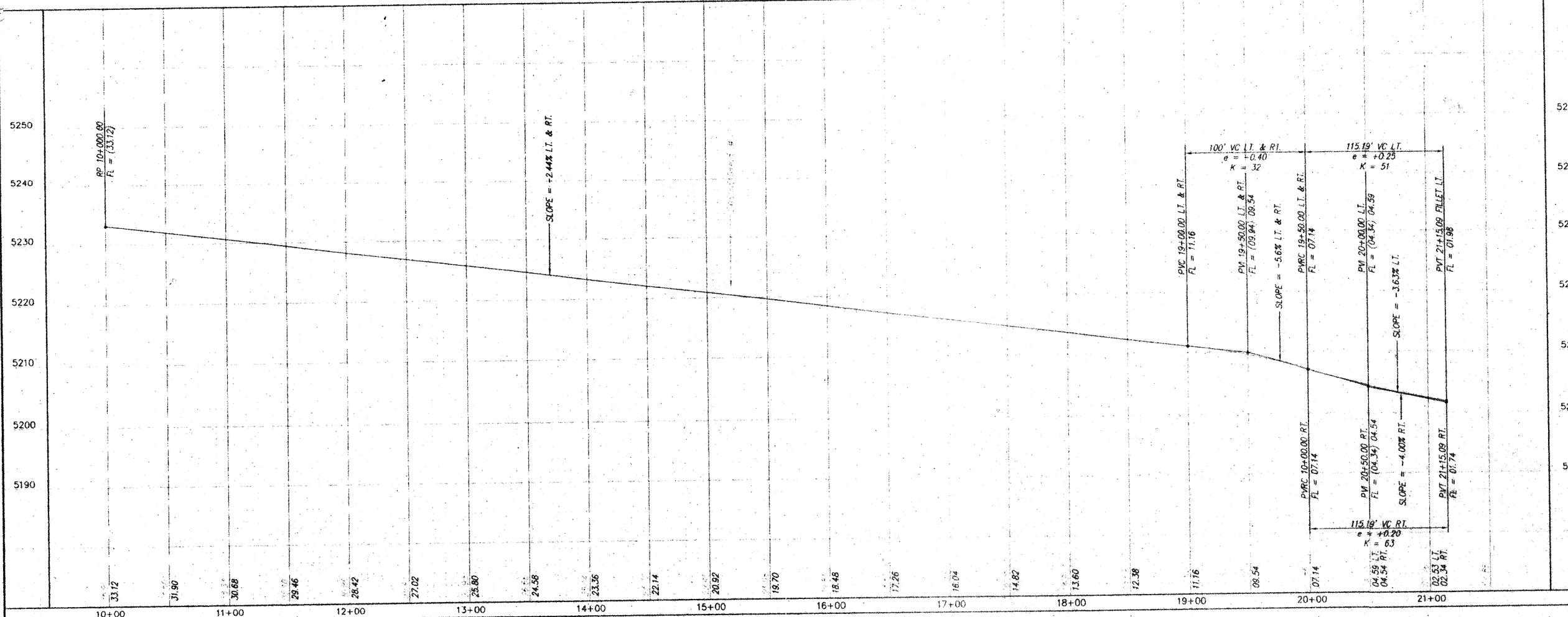
⑩ $\Delta = 50'42'13''$
 $R = 25.00'$
 $T = 11.85'$
 $L = 22.12'$

LEGEND

ENTRANCE 4" PAVING

PHASE LINE

TANGERINE ROAD
STA. 10+00.00 TO STA. 21+28.91
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'



dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

PAINTED SKY SUBDIVISION - UNIT 2
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE
APR 11 2008

CITY ENGINEER APPROVAL

DESIGN REVIEW COMMITTEE

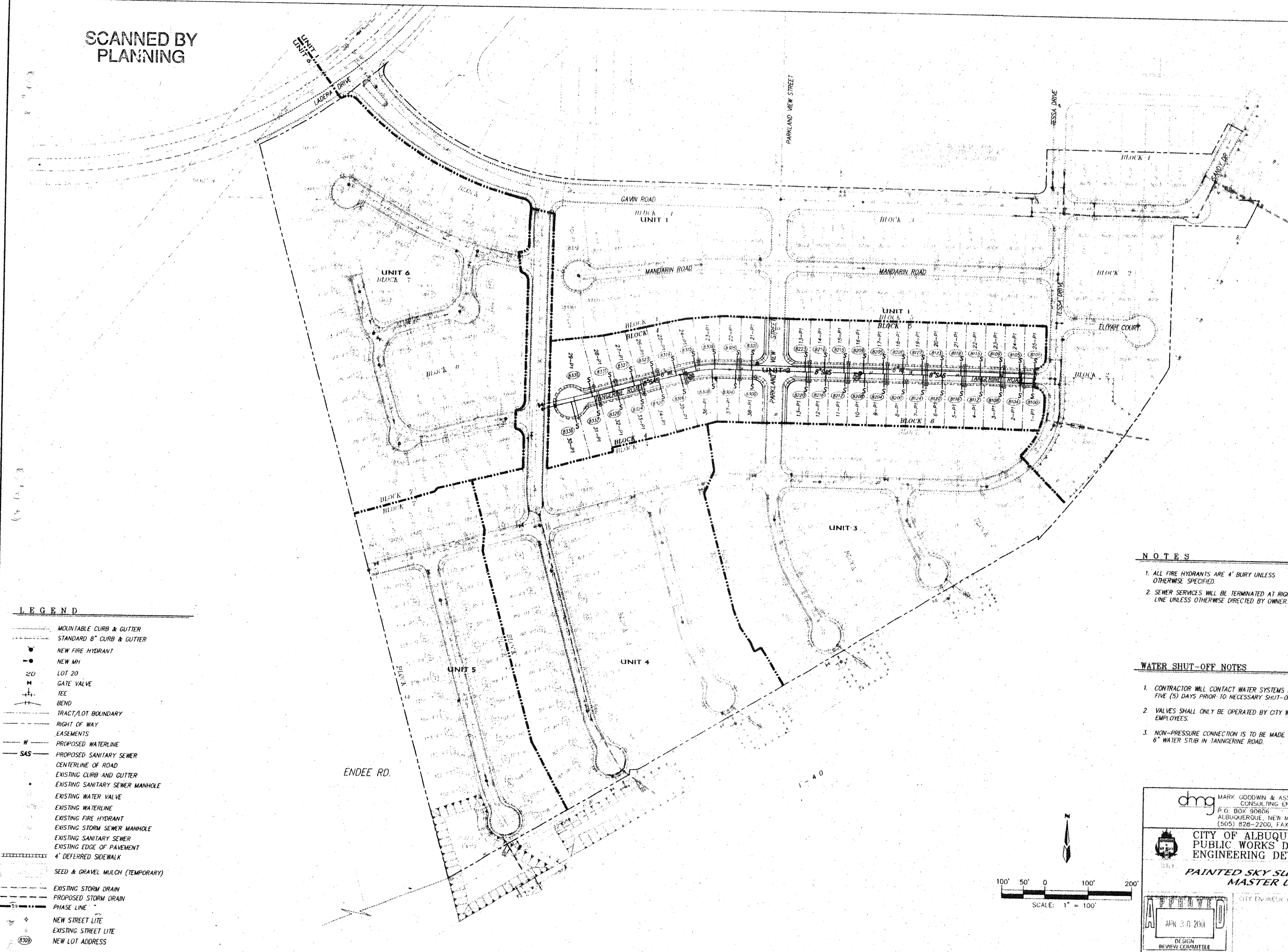
CITY PROJECT NO.

6588.82

ZONE MAP NO.

J-9

SHEET 15 20



LEGEND

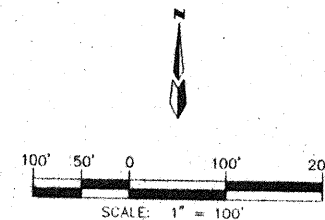
- MOUNTABLE CURB & GUTTER
- STANDARD 8" CURB & GUTTER
- NEW FIRE HYDRANT
- NEW MH
- 20' LOT 20
- ⊕ GATE VALVE
- ⊕ TEE
- ⊕ BEND
- TRACT/LOT BOUNDARY
- RIGHT OF WAY
- EASEMENTS
- PROPOSED WATERLINE
- SAS PROPOSED SANITARY SEWER
- CENTERLINE OF ROAD
- EXISTING CURB AND GUTTER
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER VALVE
- EXISTING WATERLINE
- EXISTING FIRE HYDRANT
- EXISTING STORM SEWER MANHOLE
- EXISTING SANITARY SEWER
- EXISTING EDGE OF PAVEMENT
- 4' DEFERRED SIDEWALK
- SEED & GRAVEL MULCH (TEMPORARY)
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- PHASE LINE
- ◆ NEW STREET LITE
- ◆ EXISTING STREET LITE
- ◆ NEW LOT ADDRESS

NOTES

1. ALL FIRE HYDRANTS ARE 4' BURY UNLESS OTHERWISE SPECIFIED.
2. SEWER SERVICES WILL BE TERMINATED AT RIGHT-OF-WAY LINE UNLESS OTHERWISE DIRECTED BY OWNER.

WATER SHUT-OFF NOTES

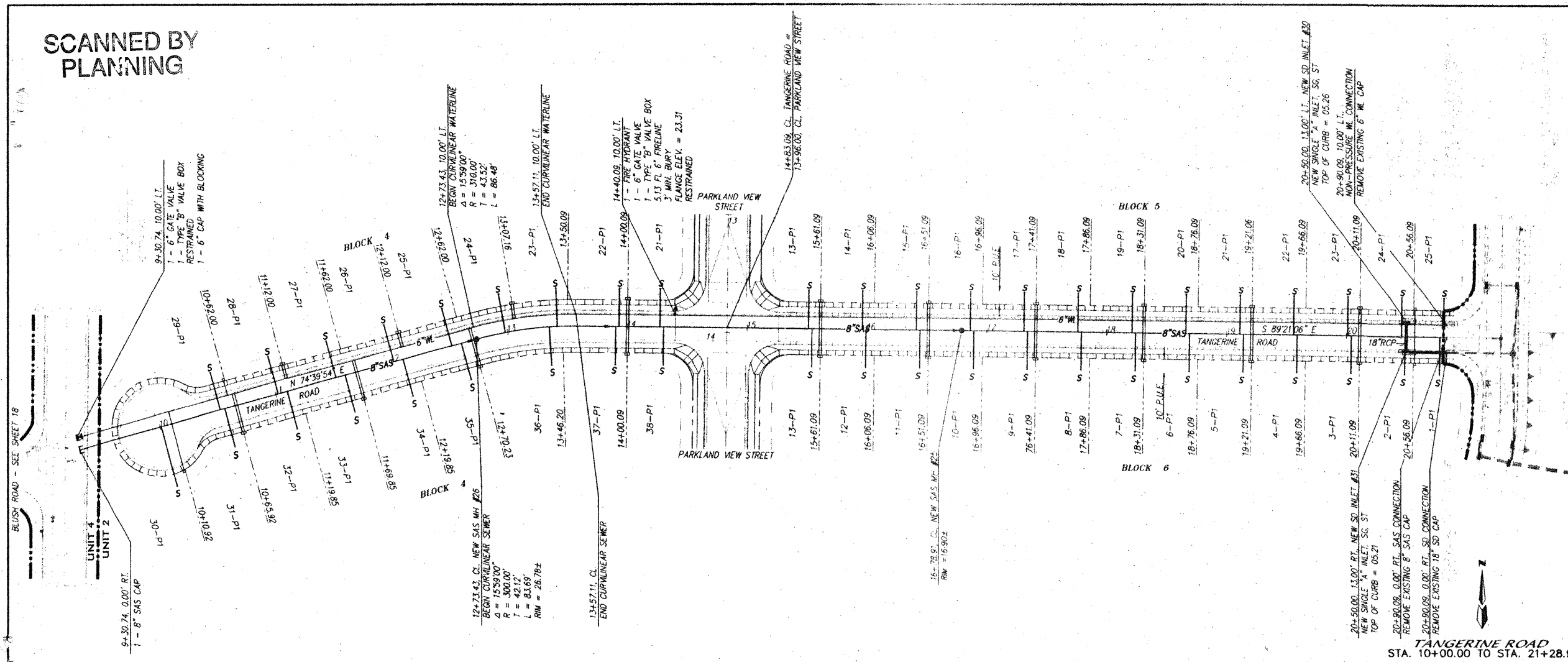
1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, FIVE (5) DAYS PRIOR TO NECESSARY SHUT-OFF.
2. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.
3. NON-PRESSURE CONNECTION IS TO BE MADE TO THE EXISTING 6" WATER STUB IN TANNERINE ROAD.



MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS P.O. BOX 90806 ALBUQUERQUE, NEW MEXICO 87199 (505) 828-2200, FAX (505) 797-9539	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
PAINTED SKY SUBDIVISION - UNIT 2 MASTER UTILITY PLAN	
 APR 30 2004 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL NO. DATE NO. DATE NO. DATE NO. DATE
CITY PROJECT NO. 6588.82	SHEET 16 OF 20

STATION "B" IS LOCATED ABOUT 5 MILES WEST OF BOUNDARY ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO MOLASCO RD. ON RT. 448 TURN LEFT ON L.L. THEN NORTH ALONG MOLASCO RD. CROSSING OVER US-140. 1.0 MI. TO TRACK RD. LEFT (SW) THEN TAKE TRACK RD. 0.1 MI. TO PLYMOUTH RD. AND STATION TO LEFT. STATION IS STANDARD USGS BRASS TABLE STAMPED "B" SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.
X = 148,201.42 Y = 5316.901 ELEV = 5316.901

REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
JAMES D. HUGHES
10000



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
4	21-P1	14+27.09	16.90	32.00'
4	22-P1	13+41.72	17.50	32.00'
4	23-P1	13+93.09	18.70	32.00'
4	24-P1	12+98.12	19.60	32.00'
4	25-P1	12+52.00	20.90	32.00'
4	26-P1	12+02.00	22.20	32.00'
4	27-P1	11+52.00	23.40	32.00'
4	28-P1	11+02.00	24.50	32.00'
4	29-P1	10+52.00	25.90	32.00'
4	30-P1	10+00.92	27.60	50.00'
4	31-P1	10+55.92	26.50	32.00'
4	32-P1	11+09.85	25.20	32.00'
4	33-P1	11+59.85	23.90	32.00'
4	34-P1	12+09.85	22.70	32.00'
4	35-P1	12+60.23	21.30	32.00'
4	36-P1	13+35.00	19.50	32.00'
4	37-P1	13+90.34	18.30	32.00'
4	38-P1	14+30.09	17.60	32.00'
5	11-P1	15+51.09	13.90	32.00'
5	14-P1	15+96.09	12.80	32.00'
5	15-P1	16+41.09	11.70	32.00'
5	16-P1	16+86.09	10.60	32.00'
5	17-P1	17+31.09	09.50	32.00'
5	18-P1	17+76.09	08.40	32.00'
5	19-P1	18+21.09	07.30	32.00'
5	20-P1	18+66.09	06.20	32.00'
5	21-P1	19+11.09	05.10	32.00'
5	22-P1	19+56.09	04.00	32.00'
5	23-P1	20+01.09	03.00	32.00'
5	24-P1	20+46.09	02.00	32.00'
5	25-P1	20+91.09	01.00	32.00'
6	1-P1	20+78.09	98.70	32.00'
6	2-P1	20+49.09	99.60	32.00'
6	3-P1	20+04.09	01.80	32.00'
6	4-P1	19+59.09	04.10	32.00'
6	5-P1	19+14.09	05.90	32.00'
6	6-P1	18+69.09	07.00	32.00'
6	7-P1	18+24.09	08.10	32.00'
6	8-P1	17+79.09	09.20	32.00'
6	9-P1	17+34.09	10.30	32.00'
6	10-P1	16+89.09	11.40	32.00'
6	11-P1	16+44.09	12.50	32.00'
6	12-P1	15+99.09	13.60	32.00'
6	13-P1	15+54.09	14.70	32.00'

LEGEND

ENTRANCE 4" PAVING
--- PHASE LINE

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
4"	12'	5'	2'	1'	32'
6"	17'	7'	-	-	46'
12"	30'	12'	6'	3'	85'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
12"x12"x6"	5'	1'
6"x6"x6"	10'	2'
6"x6"x4"	4'	7'

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

PAINTED SKY SUBDIVISION - UNIT 2
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO. DATE/06	NO. DATE/06
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO. DATE/06	NO. DATE/06

CITY PROJECT NO. 6588.82

STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO MOULDED RD. ON RT. 448 GO WEST ON RT. 448 TO TRACK RD. LEFT (SW) THEN TAKE TRACK RD. OVER US 1-40 1.0 MI. TO TRACK RD. LEFT (SW) THEN TAKE TRACK RD. 0.1 MI. TO Pylon #68 AND STATION TO LEFT. STATION IS STANDARD USGS BRASS TABLET STAMPED "REWARD 1965" SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.

ENGINEER: J. L. HARRIS
CHECKED: J. L. HARRIS
DATE: 11/00
DATE: 11/00
DATE: 11/00

DESIGNED BY: JDM
CHECKED BY: JDM
DATE: 11/00
DATE: 11/00
DATE: 11/00

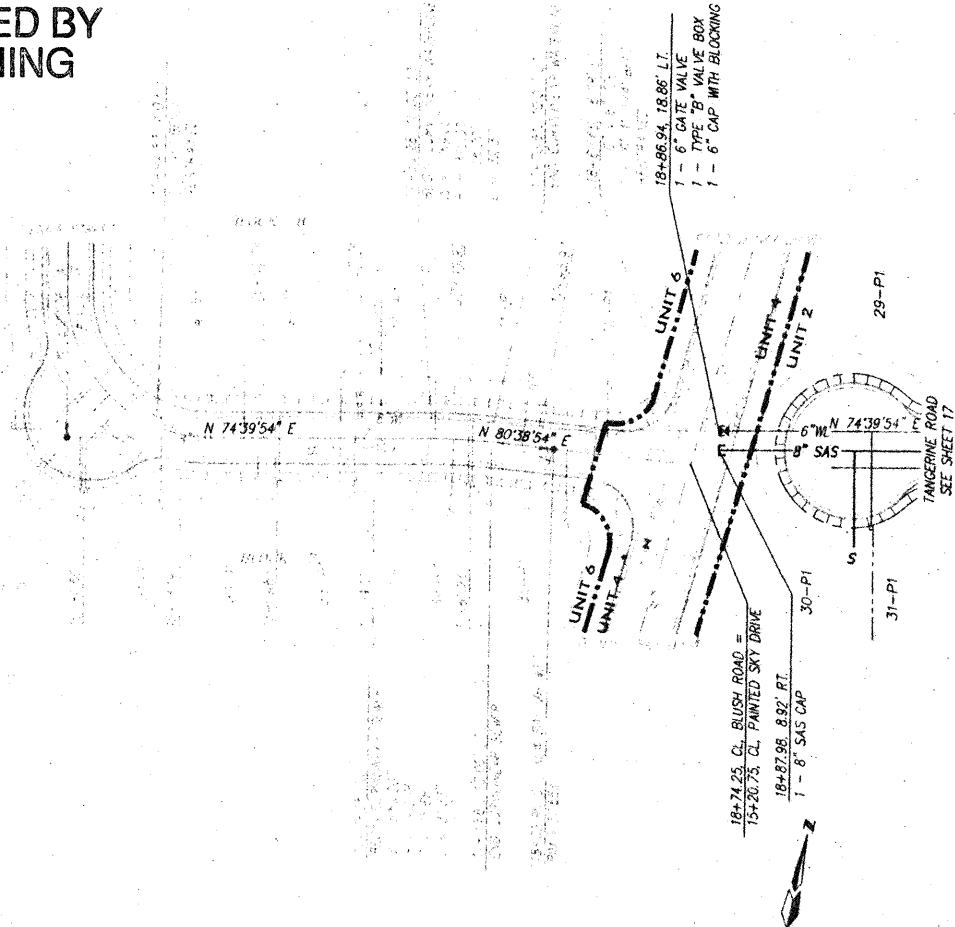
10-2-2001

See City Project # 6588.81

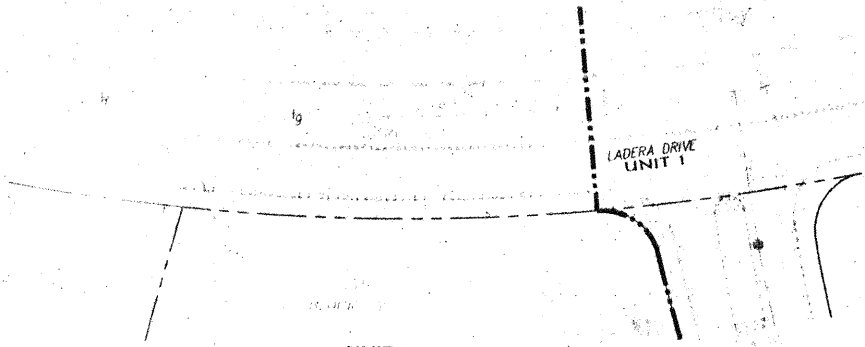
9049PS/UNIT 2 PLANS/9049I2UP4.dwg/03-20-01/NHM ACH DER

17 20

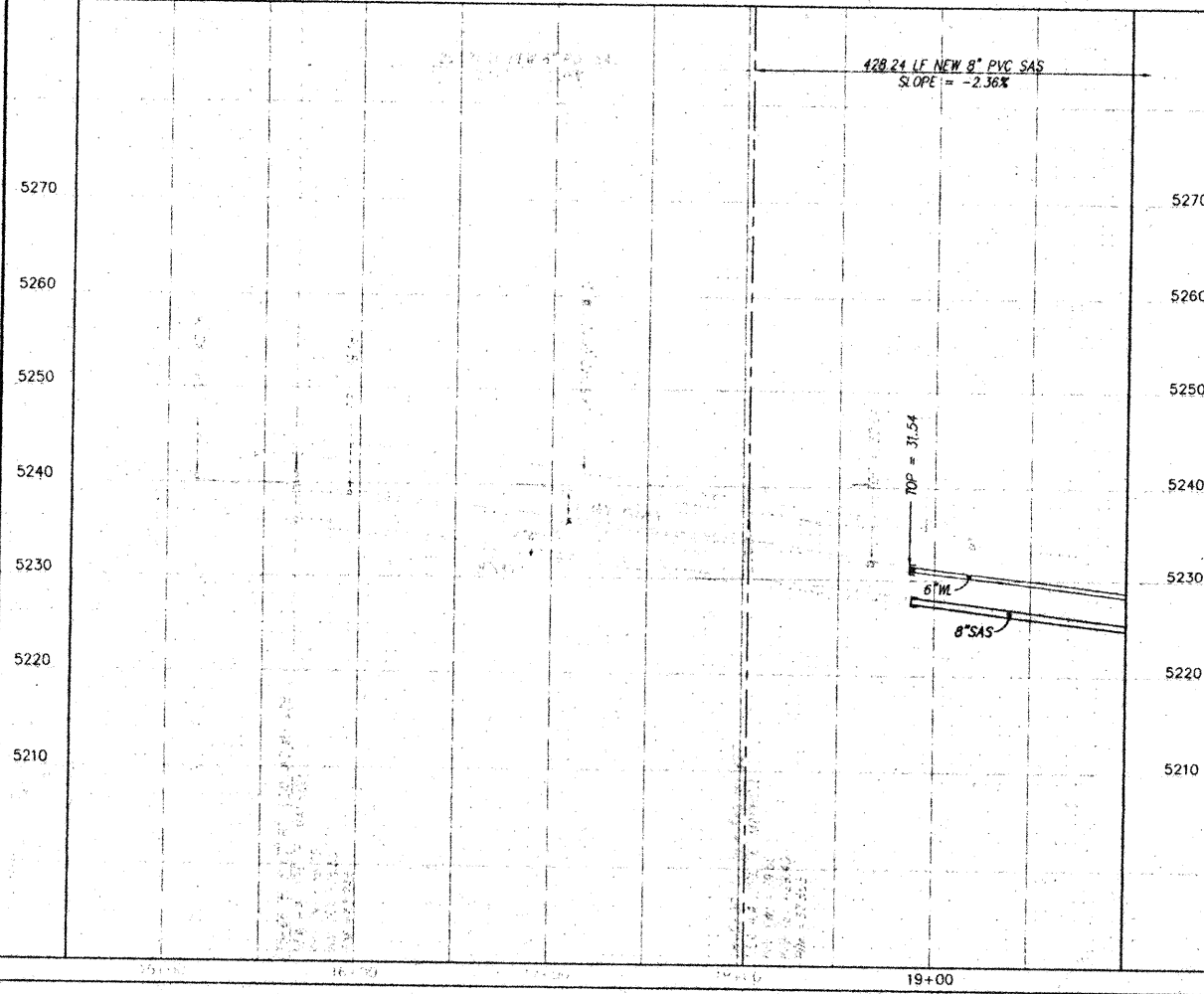
SCANNED BY
PLANNING



BLUSH ROAD
STA. 15+00.00 TO STA. 18+74.25
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'



LADERA DRIVE
STA. 8+00.00 TO STA. 12+00.00
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'



19+00

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

BLUSH ROAD
SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
7	30-P1	15+70.39	37.60	36.6'
7	31-P1	16+00.58	36.70	28.78'
7	32-P1	16+49+60	35.60	31.83'
7	33-P1	16+99.60	34.40	32.00'
7	34-P1	17+50.84	33.20	32.00'
7	35-P1	18+13.19	32.00	32.90'
8	8-P1	16+42.24	34.80	32.00'
8	9-P1	16+92.24	33.80	32.00'
8	10-P1	17+41.16	32.60	32.00'
8	11-P1	17+86.67	31.50	32.00'
8	12-P1	18+27.67	30.80	29.24'

LEGEND

--- PHASE LINE

RESTRAINED JOINT LENGTH FOR BENDS,
VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
4"	12'	5'	2'	1'	32'
6"	17'	7'	-	-	46'
12"	30'	12'	6'	3'	85'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF
THE BEND. RESTRAIN BRANCH AT FITTING ONLY
MINIMUM ATTACHED PIPE LENGTH, RUN SIDE
OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
12"x12"x6"	5'	1'
6"x6"x6"	10'	2'
6"x6"x4"	4'	7'

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

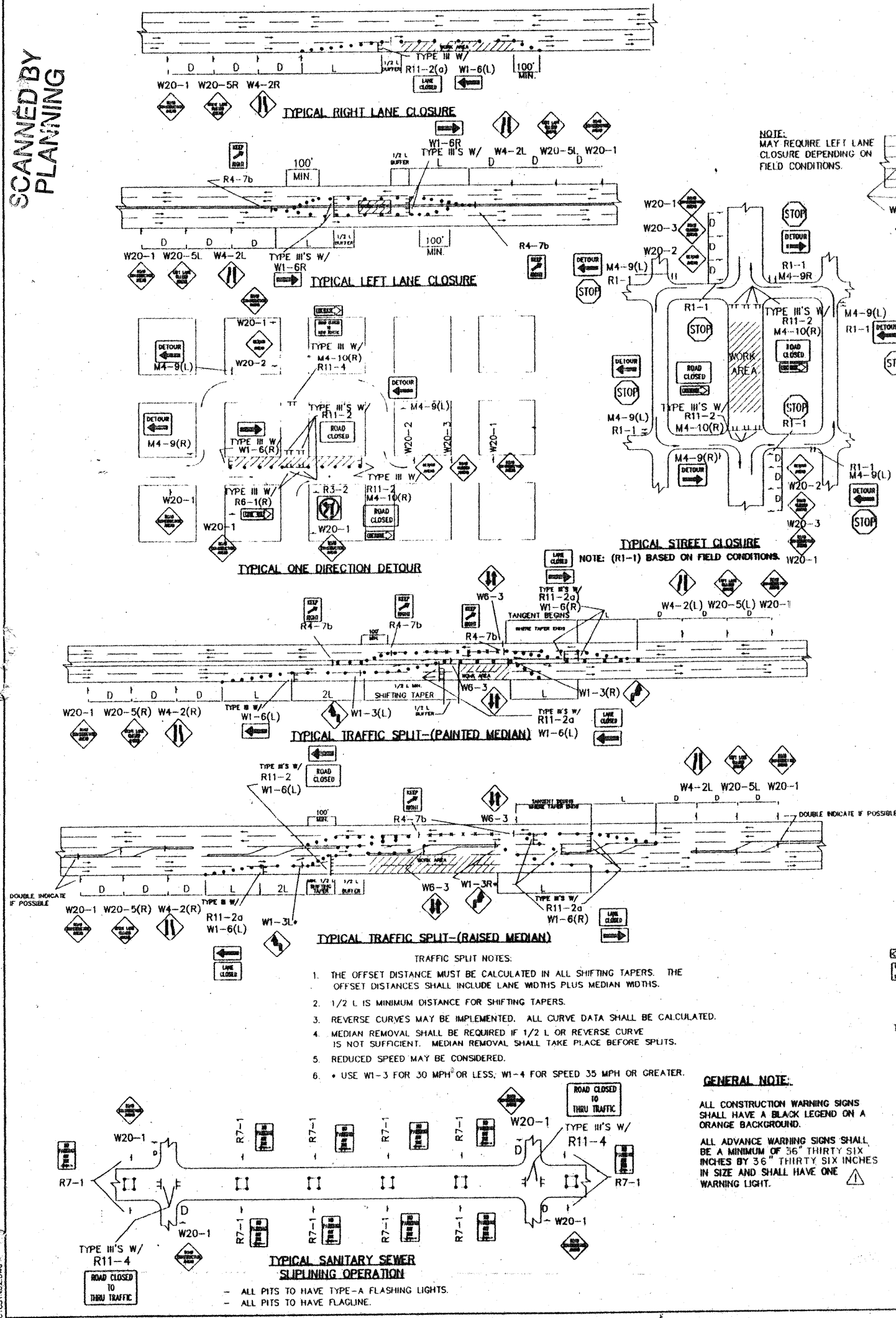
PAINTED SKY SUBDIVISION - UNIT 2
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MR. DAYTON	MR. DAYTON
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MR. DAYTON	MR. DAYTON

CITY PROJECT NO. 6588.82

ZONE MAP NO. J-9

SHEET 18 20

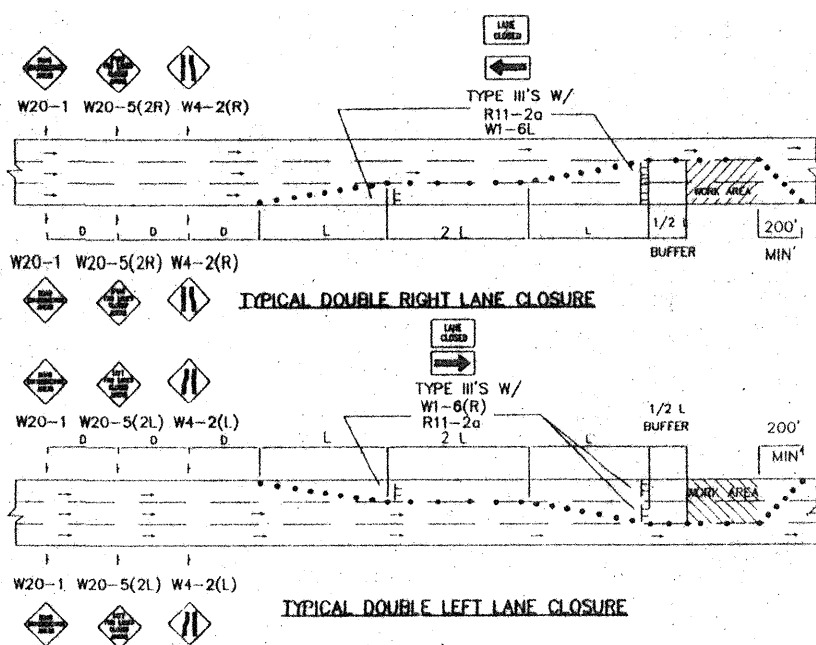


NOTE: MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.

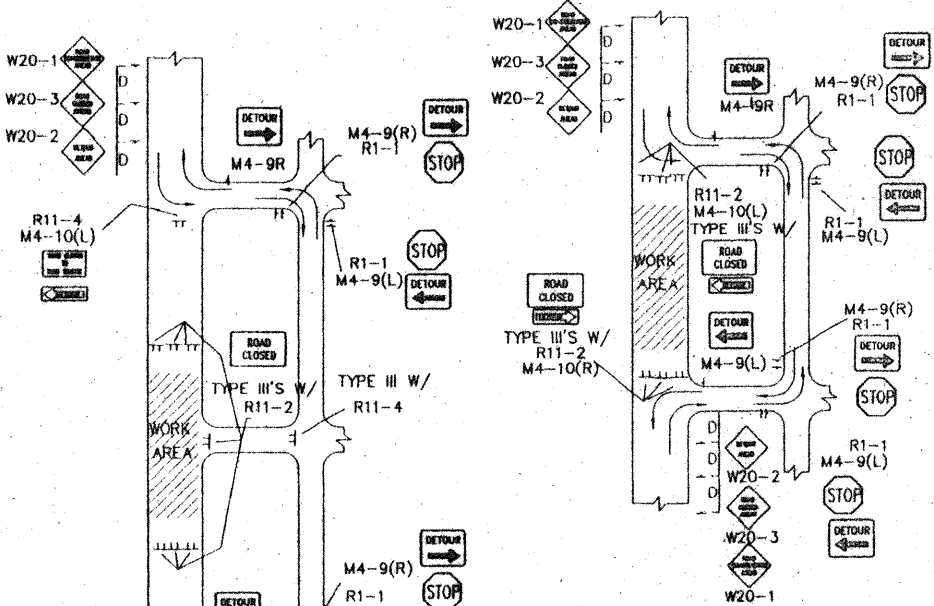
TYPICAL LANE CLOSURE AT INTERSECTION
NOTE: DEPENDING ON WORK ZONE LOCATION

TYPICAL MID-BLOCK CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL FLAGGING OPERATION



CITY OF Albuquerque New Mexico
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	DATE	NO.
COA	STD		

PROJECT NO. MAP NO. J-9 SHEET 19 OF 20

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

- CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
- CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
- THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
- CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
- CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
- ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
- ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
- ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
- ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24-HOUR PER DAY BASIS UNTIL COMPLETED.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
- EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
- CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
- ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
- ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
- STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 - SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

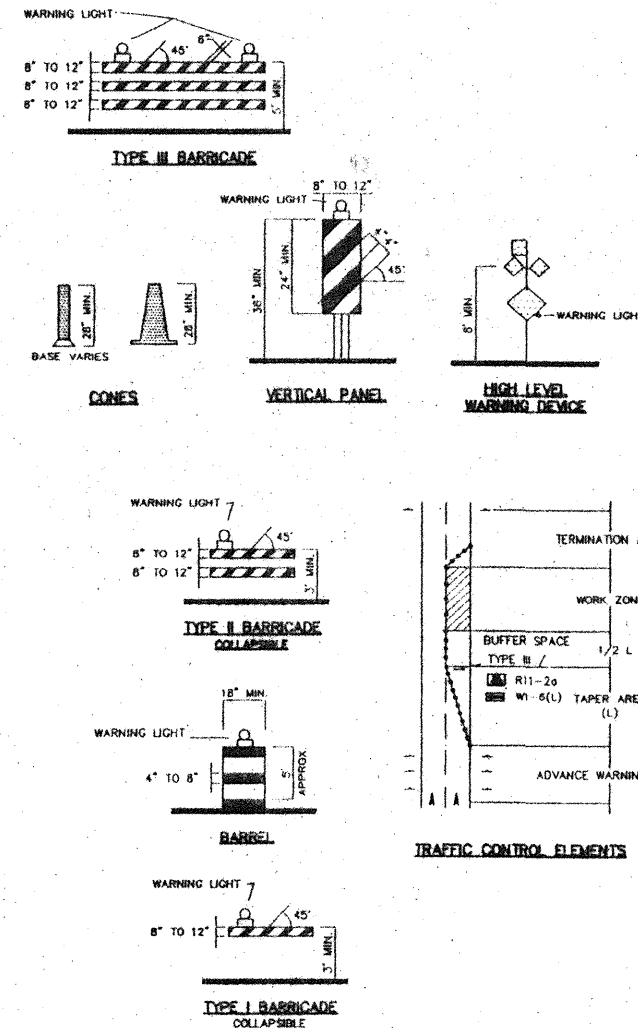
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE MUTCD.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



LEGEND

- WORK AREA
- BARRICADE -- TYPE I, TYPE II, OR BARREL
 - BARRICADE -- TYPE III
 - VERTICAL PANEL
 - WARNING SIGN
 - DISTANCE BETWEEN SIGNS -- A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
 - FLAGMAN POSITION
 - SPACING BETWEEN BARRICADES-- A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
 - TAPER LENGTH -- SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

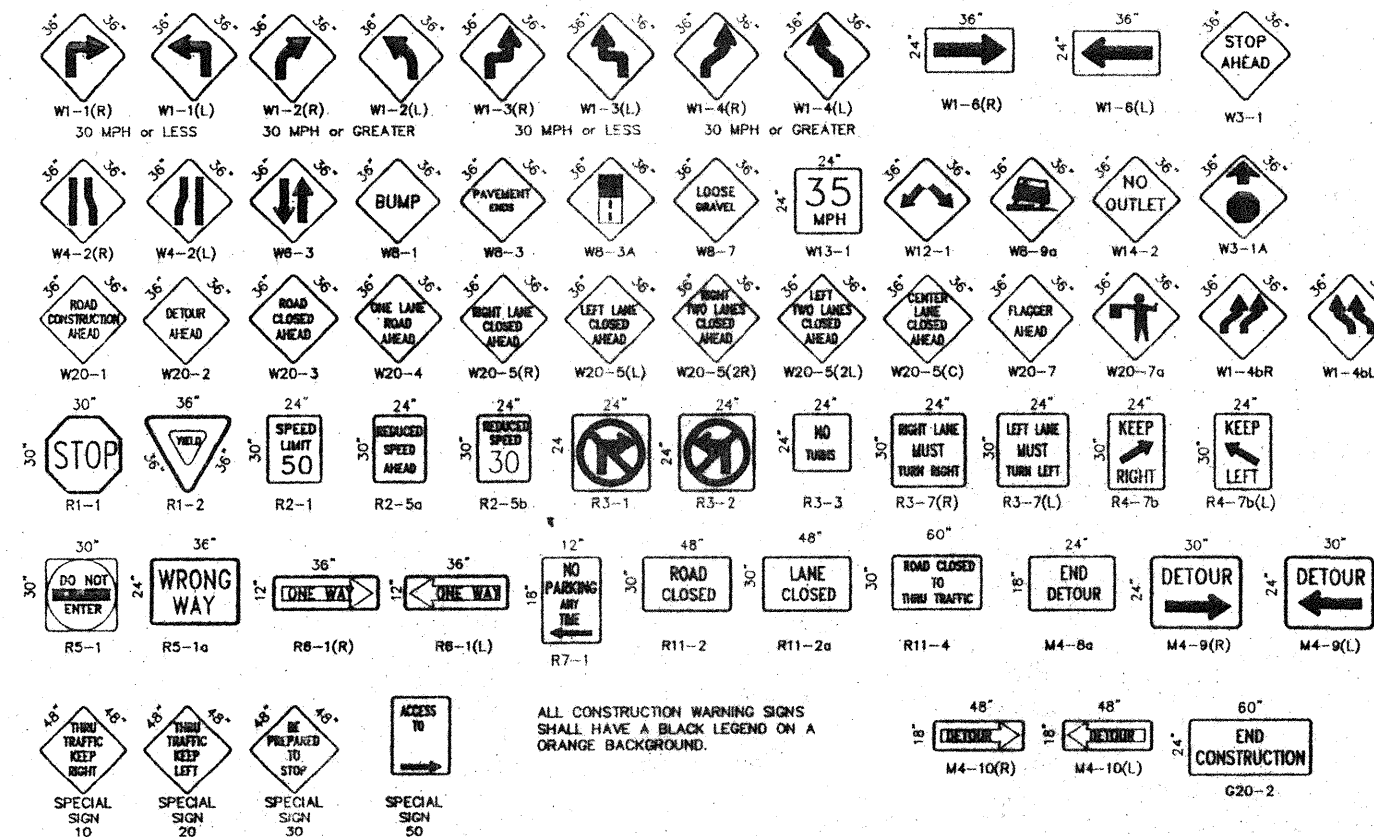
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	FORMULA
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE
REVIEWED BY	DATE	FIELD NOTES		REVISIONS		DESIGN	
APPROVED BY	DATE	NO.		NO.		NO.	
DESIGNED BY	DATE	NO.		NO.		NO.	
DRAWN BY	DATE	NO.		NO.		NO.	
CHECKED BY	DATE	NO.		NO.		NO.	

CITY OF Albuquerque, New Mexico
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS**

DESIGN REVIEW COMMITTEE: **COA** CITY ENGINEER APPROVAL: **STD**

PROJECT NO. **J-9** MAP NO. **J-9** SHEET **20** OF **20**