

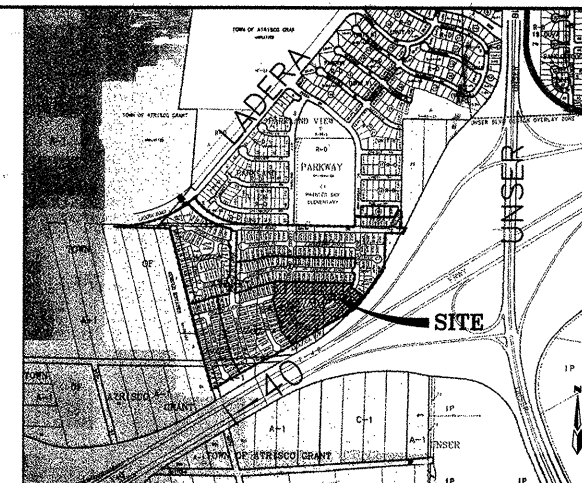
2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-6588.83-2011

SCANNED BY
PLANNING

CONSTRUCTION PLANS
FOR
PAINTED SKY
SUBDIVISION - UNIT 3
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
14-16	PAVING IMPROVEMENTS
17	MASTER UTILITY PLAN
18-21	UTILITY IMPROVEMENTS
22-23	TRAFFIC CONTROL



VICINITY MAP ZONE ATLAS J-9
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. 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.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
4. 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.
5. 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 BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (788-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAYMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. 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.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. 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.
12. 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 DEPRESSED 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 90606
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	*****		
 4-17-01		DRC CHAIRMAN	<i>James D. Hughes</i>	10/31/01	APPROVED FOR CONSTRUCTION		
		TRANSPORTATION	<i>Mac [Signature]</i>	8/30/01			
		WATER/WASTE/WATER	<i>Brenda L. Bigham</i>	8/30/01			
		HYDROLOGY	<i>Heather [Signature]</i>	8/30/01			
		HIP AMAFCA	<i>John M. [Signature]</i>	10-5-01	<i>John M. [Signature]</i> 12/5/01		
		CONSTR. MNGMT.			CITY ENGINEER	DATE	
	CONSTR. COORD.	<i>James D. Hughes</i>	10/31/01				
CITY PROJECT NO.				SHEET OF			
6588.83				1		23	

DRB - 1000217

ACS MONUMENT "ANDY" N.M.
STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=347212.94 Y=1493629.17
DELTA ALPHA = -017'38"
G-C = 0.99966057
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-C = 0.9996763
ELEVATION = 5165.89

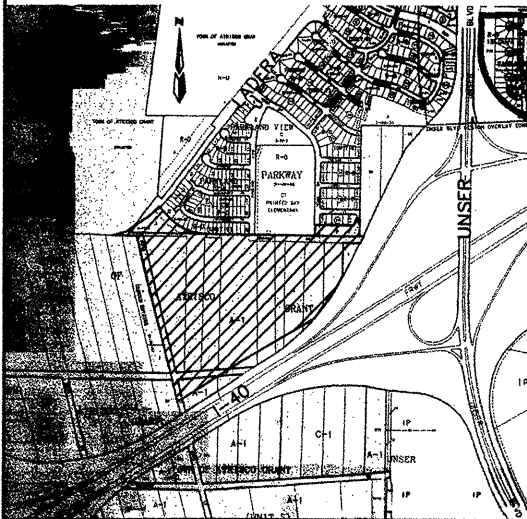
NUMBER	R =	L =	D =	T =	CH BEARIN =	CHORD LE =
C1	20.00	31.50	90°42'27"	20.08	N 45°31'40" E	28.34
C2	1153.00	353.85	17°35'02"	178.33	N 56°13'40" E	352.46
C3	2291.84	503.88	12°35'49"	252.96	N 36°07'39" E	502.87
C4	620.00	536.99	49°37'28"	286.64	S 64°32'21" E	520.36
C5	30.00	45.63	87°09'17"	28.55	S 03°51'17" W	41.36

CURVE TABLE

NUMBER	DISTANCE	DIRECTION
L1	8.05'	N 00°43'54" E
L2	19.71'	N 85°50'29" E
L3	10.65'	S 00°23'41" W
L4	33.89'	S 63°05'17" E
L5	47.17'	S 89°21'06" E
L6	6.97'	S 00°38'54" W

LINE TABLE

ZONE ATLAS MAP # J-9
SCALE: NONE



PUBLIC DRAINAGE EASEMENT FOR
THE BENEFIT OF THE CITY OF
ALBUQUERQUE FOR THE PURPOSE
OF TEMPORARY RETENTION POND TO
BE MAINTAINED BY WESTLAND.

ACS MONUMENT "REWARD"
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=350944.85 Y=1488301.42
DELTA ALPHA = -017'11"
G-C = 0.99967114
ELEVATION = 5316.951
TIE: REWARD

ENDEE RD.

EXIST 60' R/W
TO BE VACATED
THIS PLAT

LIMITS OF SPECIAL FLOOD-HAZARD AREA "A0"
(DEPTH 1') AS SHOWN ON PANEL FLOOD INSURANCE
RATE MAP EFFECTIVE SEPT. 20 1996

BENCHMARK

ACS MONUMENT "REWARD"
ELEV = 5316.951

OWNERS

WESTLAND DEVELOPMENT
401 COORS NW
ALBUQUERQUE, NM. 87121
(505) 831-9600

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	
Scale: 1" = 100'	Date: 9-13-00	Job: 99049		

Approved by DRB... For Information Only

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: RL T
DATE OF SURVEY: DECEMBER 1993

NOTES

- UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHOWN THUS ○ SHALL BE MARKED BY A #5 REBAR W/CAP STAMPED PS#11993
- ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THUS ▲, 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

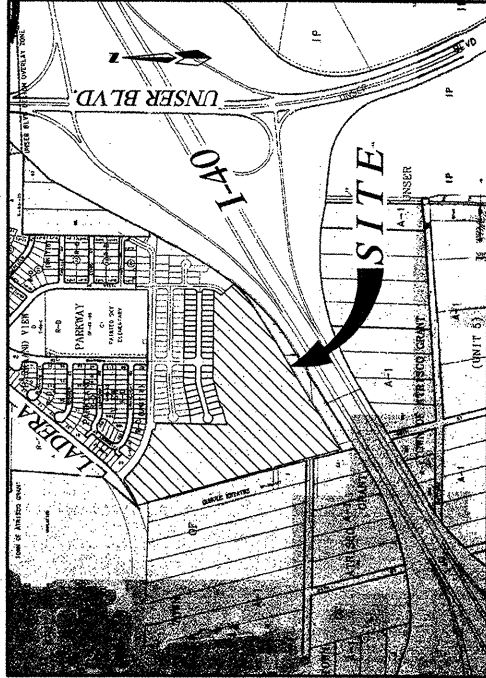
Owner: Westland Development

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

9-18-00
DATE

City Surveyor, City of Albuquerque, N.M.

9/20/00
Date



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

SUBDIVISION DATA		
PLAT CASE NOS.	PROJECT #	CASE #
	1000217	
GROSS ACREAGE		31.8650 AC
ZONE/ATLAS NO.		J-9-Z
NO. OF EXISTING TRACTS/PARCELS		1 PARCEL
NO. OF PARCELS/LOTS CREATED		42 LOTS/ 1 PARCEL
NO. OF PARCELS/LOTS ELIMINATED		1 PARCEL
MILES OF FULL WIDTH STREETS CREATED		0.28
AREA DEDICATED TO CITY OF ALBUQUERQUE		1.6619 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, 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, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power and communication services for buried distribution lines, conduits, and pipes for underground utilities where indicated, including the right of ingress and egress for the installation, maintenance, repair, and replacement of the same and shrubs. Said owner(s) and/or proprietor(s) do hereby consenting to the foregoing and do hereby certify that this subdivision is their free act and deed. Said owner(s) warrant that they hold among them complete and indefeasible title to the land subdivided.

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 }
COUNTY OF BERNALILLO } SS

This instrument was acknowledged before me on _____
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 NUMBERED "1-A" 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 2001C, FOLIO _____, CONTAINING 31.8650 ACRES MORE OR LESS.

PUBLIC UTILITY EASEMENTS

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

- The PNM Electric Services Division for the installation, maintenance and service of underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical services.
- The PNM Gas Services Division for installation, maintenance and services of natural gas lines, pipes, valves, equipment and facilities reasonably necessary to provide natural gas.
- Qwest for installation, maintenance and service of all buried communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
- Comcast cable for installation, maintenance and service of all cables, cable and conduit, related equipment and facilities reasonably necessary to provide cable television services. Included is the right to build, reconstruct, reconstruct, locate, relocate, change, remove, modify, renew, operate and

LEGAL DESCRIPTION (SEE SHEET 2)

NOTES (SEE SHEET 2)

PURPOSE OF PLAT

- SUBDIVIDE PARCEL NUMBERED "1-A" OF THE PAINTED SKY SUBDIVISION, UNIT 2 INTO 42 RESIDENTIAL LOTS AND 1 PARCEL
- VACATE EASEMENTS AS SHOWN
- DEDICATE NEW RIGHT-OF-WAY AS SHOWN
- GRANT NEW EASEMENTS AS SHOWN

PLAT FOR
**PAINTED SKY
SUBDIVISION
UNIT 3**
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16,
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE, 2001

APPROVED AND ACCEPTED BY:

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque Subdivision Ordinance, Chapter 14 Article 14 of the Revised Ordinances of Albuquerque, New Mexico, 1994.

Subdivision Case No. _____

Planning Director, City of Albuquerque, N.M. _____ Date _____

City Engineer, City of Albuquerque, N.M. _____ Date _____

Albuquerque Metropolitan Arroyo 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 _____

PNM Electric _____ Date _____

Qwest Corporation _____ 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 requirements of the subdivision ordinance and survey of the Albuquerque Subdivision Ordinance, and further, that I am a duly qualified Registered Professional Land Surveyor 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
DATE _____



PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7890

Dwg: USCOVER 1:1
Scale: 1:1
Drawn: SPS
Date: 01/14/01
Checked: ALS
Job: 99049
Sheet 1 of 5

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 NUMBERED "1-A" 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 2001C, FOLIO _____, CONTAINING 31.8650 ACRES MORE OR LESS.

PLAT OF
**PAINTED SKY
SUBDIVISION
UNIT 3**
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16,
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE 2001

NOTES

- FIELD SURVEY PERFORMED FROM NOVEMBER 1999 TO AUGUST 2000.
- ALL BEARINGS ARE GRID BEARINGS. N.M. STATE PLANE COORDINATES, CENTRAL ZONE-NAD 1927.
- ALL DISTANCES ARE GROUND DISTANCES: U.S. SURVEY FOOT.
- 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.
- PLAT SHOWS ALL EASEMENTS OF RECORD.
- AS TO THE TITLE MATTERS SHOWN HEREON, PRECISION SURVEYS, INC. HAS RELIED SOLELY ON THE "CERTIFICATE OF TITLE" AS SHOWN ON THE RECORD. PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY OF NUMBER 01994023-F(CW)1, DATED JANUARY 21, 2000. PRECISION SURVEYS, INC. MAKES NO STATEMENT AS TO THE ACCURACY OR COMPLETENESS OF THE SUBJECT TITLE REPORT.
- UPC #s 1-009-058-165-411-20140, 1-009-058-174-193-30707, 1-009-058-190-173-30401, 1-009-058-229-193-30703, 1-009-058-264-191-30704, 1-009-058-260-306-10601, 1-009-058-264-191-30704, 1-009-058-260-306-10601, 1-009-058-300-212-40401, 1-009-058-315-227-40403, 1-009-058-340-238-40402.
- UNLESS OTHERWISE NOTED ALL POINTS ARE "SET 1/2" REBAR WITH CAP - LS 11993.



PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7890

dwg: UN35H72
Scale: 1"=200'
Drawn: SPS
Date: 06/12/01
Checked: LWM
Job: 99049
Sheet 2 of 5

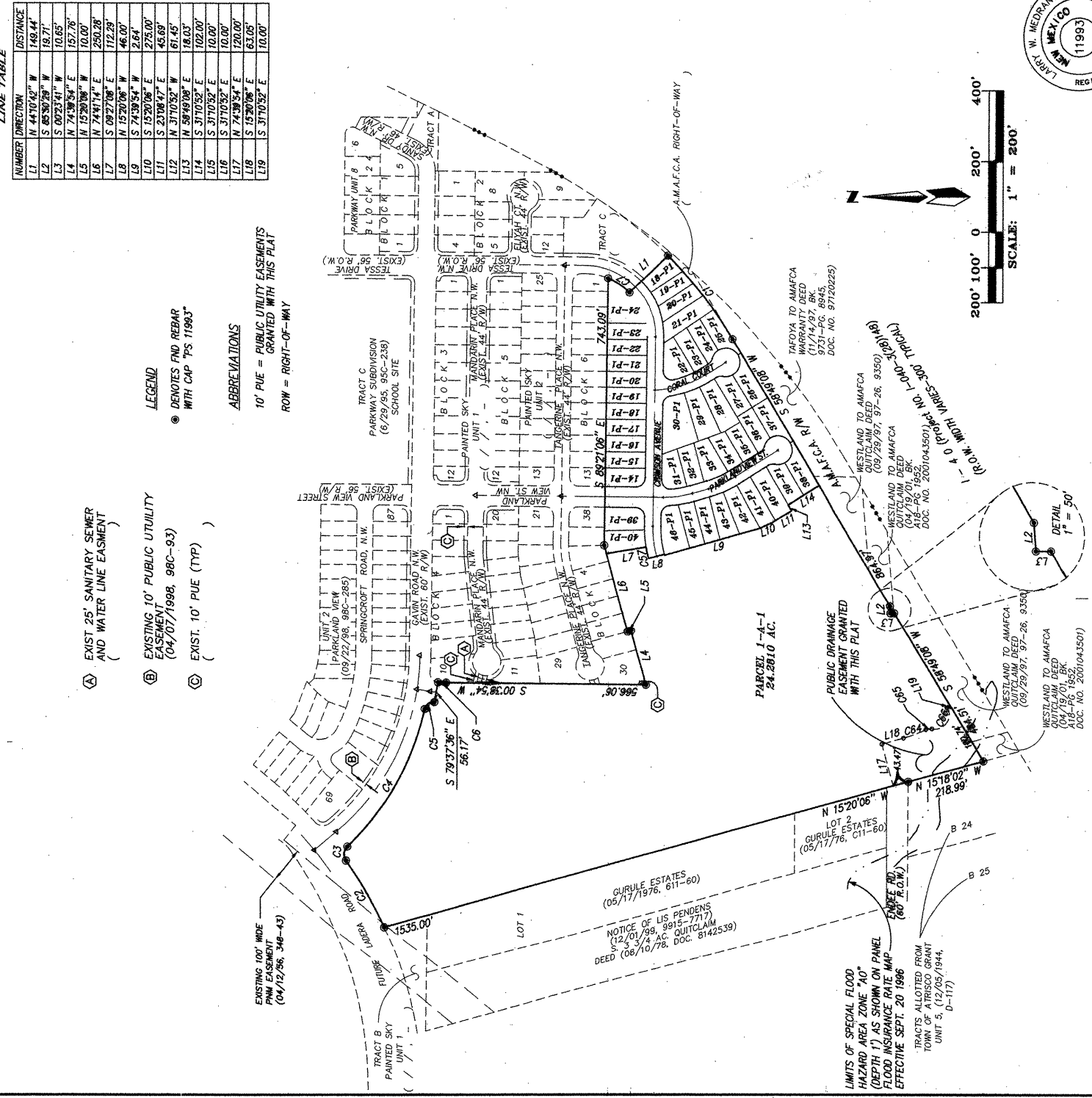
PLAT OF
PAINTED SKY
SUBDIVISION
UNIT 3

TOWN OF ATRISCO GRANT
PROJECTED SECTION 16,
TOWNSHIP 30 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE 2001

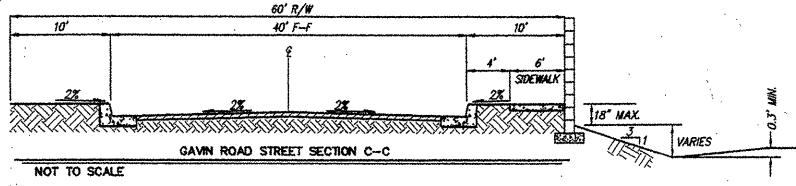
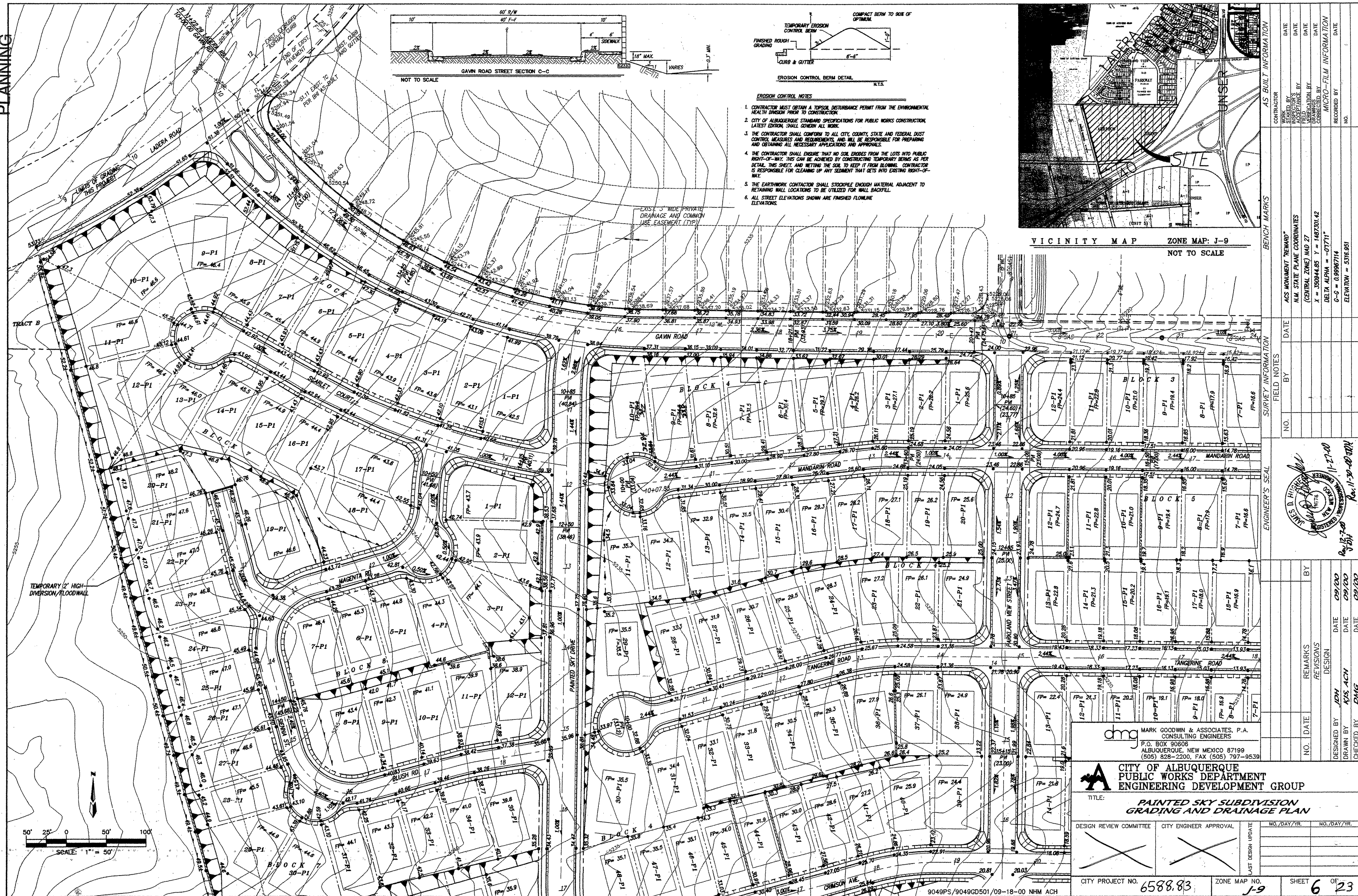
NUMBER	R	L	D	CH BEARING	CHORD LE.
C1	1280.00	300.30	13.4532°	N 51°56'12" E	299.57
C2	1153.00	215.42	10.4218°	N 58°39'59" E	215.11
C3	301.00	43.10	82°19'06"	N 8°43'57" W	36.49
C4	746.79	447.75	34°21'11"	N 60°33'00" W	441.06
C5	25.00	36.66	84°00'26"	N 35°43'22" W	33.46
C6	272.00	22.73	04°47'17"	N 03°02'27" E	22.72
C7	177.00	72.89	23°37'42"	N 34°02'27" W	72.46
C8	1280.00	60.47	02°46'18"	N 48°52'18" W	60.47
C9	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C10	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C11	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C12	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C13	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C14	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C15	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C16	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C17	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C18	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C19	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C20	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C21	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C22	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C23	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C24	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C25	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C26	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C27	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C28	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C29	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C30	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C31	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C32	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C33	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C34	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C35	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C36	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C37	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C38	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C39	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C40	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C41	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C42	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C43	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C44	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C45	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C46	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C47	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C48	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C49	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C50	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C51	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C52	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C53	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C54	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C55	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C56	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C57	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C58	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C59	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C60	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C61	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C62	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C63	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C64	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C65	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C66	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C67	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19
C68	1280.00	45.19	02°46'18"	N 48°52'18" W	45.19

NUMBER	DIRECTION	DISTANCE
L1	N 44°10'42" W	148.44'
L2	S 65°30'29" W	18.71'
L3	S 09°23'41" W	10.65'
L4	N 74°39'54" E	157.76'
L5	N 19°30'08" W	10.00'
L6	N 74°41'14" E	250.28'
L7	S 09°27'08" E	112.29'
L8	N 19°30'08" W	46.00'
L9	S 74°39'54" W	2.64'
L10	S 19°30'08" E	275.00'
L11	S 23°08'47" E	45.89'
L12	N 37°03'32" W	61.45'
L13	S 37°03'32" E	102.00'
L14	S 37°03'32" E	10.00'
L15	S 37°03'32" E	10.00'
L16	S 37°03'32" E	10.00'
L17	S 19°30'08" E	63.05'
L18	S 19°30'08" E	10.00'
L19	S 37°03'32" E	10.00'

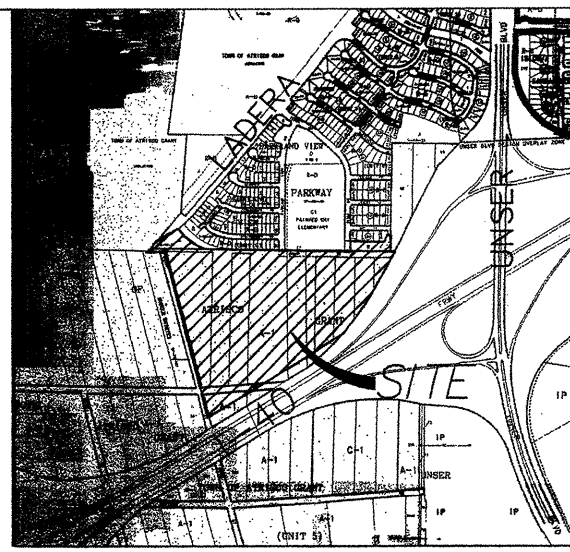
- LEGEND
- DENOTES FIND REBAR WITH CAP PS 11943
 - EXIST. 10" PUE (TYP)
 - EXIST. 10" PUE (TYP)
 - EXIST. 10" PUE (TYP)
- ABBREVIATIONS
- 10" PUE = PUBLIC UTILITY EASEMENTS GRANTED WITH THIS PLAT
 - ROW = RIGHT-OF-WAY



PRECISION SURVEYS, INC.
8114D JEFFERSON ST., N.E.
ALBUQUERQUE, NEW MEXICO 87113
PHONE 505 868 5700
FAX 505 868 7900



- EROSION CONTROL NOTES**
1. CONTRACTOR MUST OBTAIN A TEMPORAL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, SHALL GOVERN ALL WORK.
 3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS, AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
 4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, THIS SHEET, AND NETTING THE SOIL TO KEEP IT FROM BLOWING. CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ANY SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
 5. THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED WITH BACKFILL.
 6. ALL STREET ELEVATIONS SHOWN ARE FINISHED FLOWLINE ELEVATIONS.



AS BUILT INFORMATION		BENCH MARKS		FIELD NOTES		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	BY
INSPECTOR'S	DATE						
STAMPED BY	DATE						
FIELD	DATE						
VERIFICATION BY	DATE						
CORRECTED BY	DATE						
MICRO-FILM INFORMATION				REVISIONS			
RECORDED BY	DATE			DESIGNED BY		DATE	
NO.				DRAWN BY		DATE	
				CHECKED BY		DATE	

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

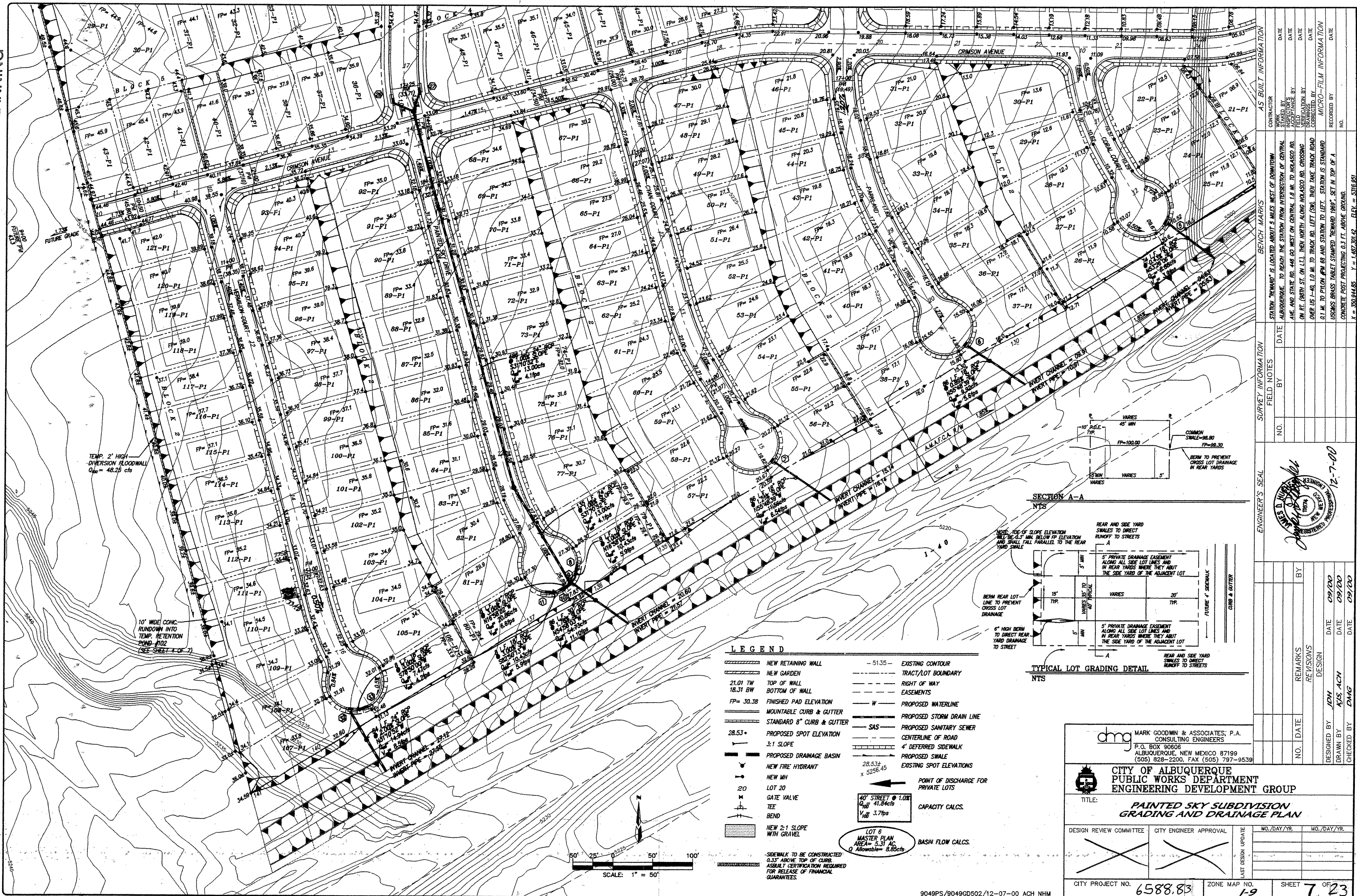
TITLE: **PAINTED SKY SUBDIVISION**
GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE: ☒ CITY ENGINEER APPROVAL: ☒

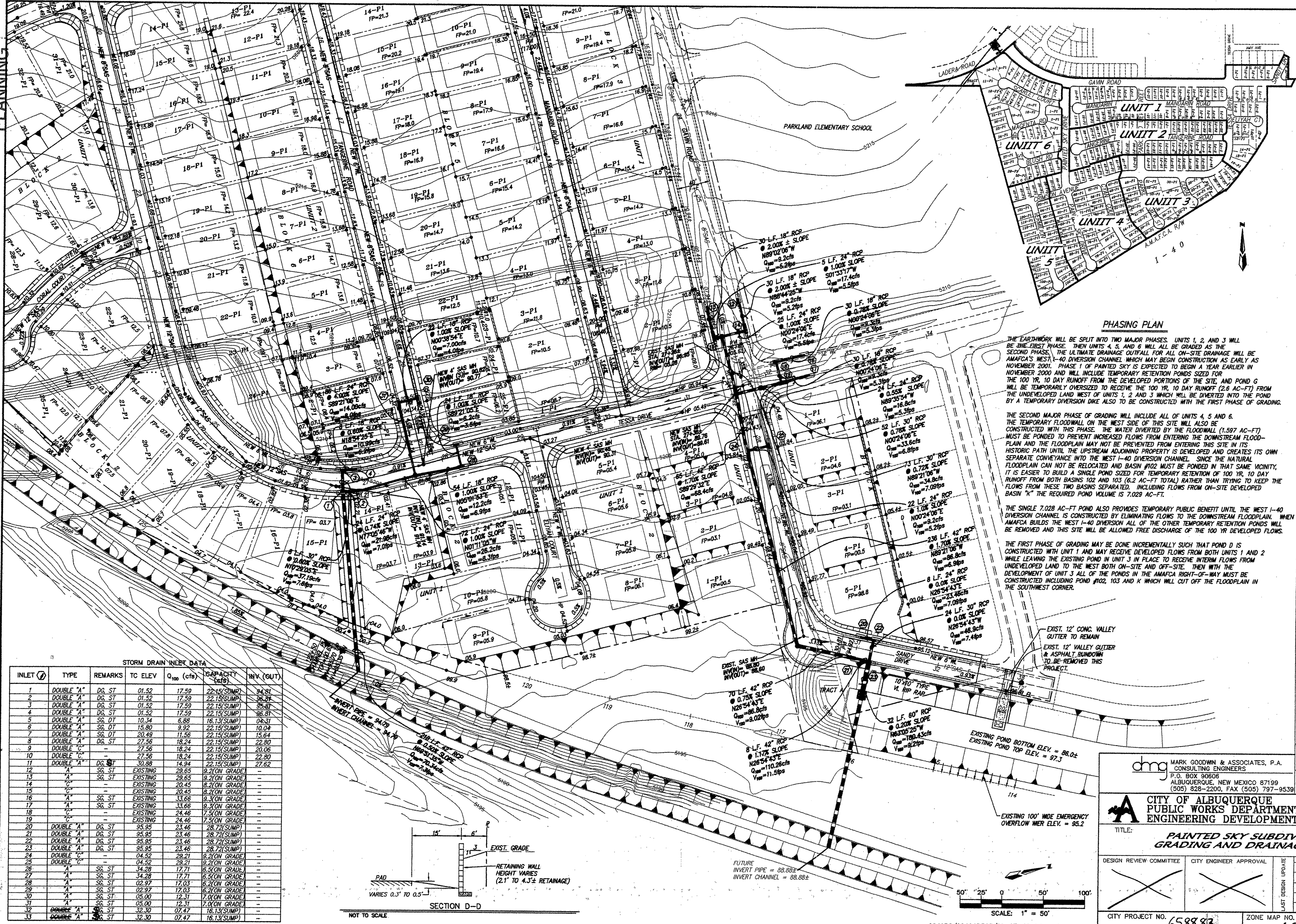
CITY PROJECT NO. **6588.83** ZONE MAP NO. **J-9** SHEET **6** OF **23**

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PLANNING



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PHASING PLAN

THE EARTHWORK WILL BE SPLIT INTO TWO MAJOR PHASES. UNITS 1, 2 AND 3 WILL BE 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 AMAFCA'S WEST 1-40 DIVERSION CHANNEL WHICH MAY BEGIN CONSTRUCTION AS EARLY AS NOVEMBER 2001. PHASE 1 OF PAINTED SKY IS EXPECTED TO BEGIN A YEAR EARLIER IN NOVEMBER 2000 AND WILL INCLUDE TEMPORARY RETENTION PONDS 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 AC-FT) FROM THE UNDEVELOPED LAND WEST OF UNITS 1, 2 AND 3 WHICH WILL BE DIVERTED INTO THE POND BY A TEMPORARY DIVERSION DIKE ALSO TO BE CONSTRUCTED WITH THE FIRST PHASE OF GRADING.

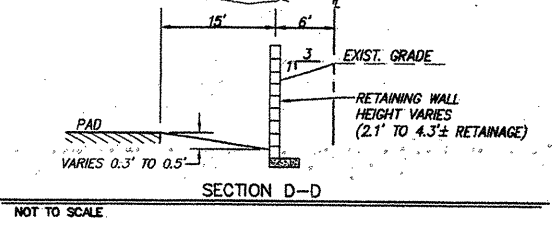
THE SECOND MAJOR PHASE OF GRADING WILL INCLUDE ALL OF UNITS 4, 5 AND 6. THE TEMPORARY FLOODWALL ON THE WEST SIDE OF THIS SITE WILL ALSO BE CONSTRUCTED WITH THIS PHASE. THE WATER DIVERTED BY THE FLOODWALL (1.597 AC-FT) MUST BE PONDED TO PREVENT INCREASED FLOWS FROM ENTERING THE DOWNSTREAM FLOOD-PLAN AND THE FLOODPLAIN MAY NOT BE PREVENTED FROM ENTERING THIS SITE IN ITS HISTORIC PATH UNTIL THE UPSTREAM ADJOINING PROPERTY IS DEVELOPED AND CREATES ITS OWN SEPARATE CONVEYANCE INTO THE WEST 1-40 DIVERSION CHANNEL. SINCE THE NATURAL FLOODPLAIN CAN NOT BE RELOCATED AND BASIN #102 MUST BE PONDED IN THAT SAME VICINITY, IT IS EASIER TO BUILD A SINGLE POND SIZED FOR TEMPORARY RETENTION OF 100 YR, 10 DAY RUNOFF FROM BOTH BASINS 102 AND 103 (6.2 AC-FT TOTAL) RATHER THAN TRYING TO KEEP THE FLOWS FROM THESE TWO BASINS SEPARATED, INCLUDING FLOWS FROM ON-SITE DEVELOPED BASIN "K" THE REQUIRED POND VOLUME IS 7.029 AC-FT.

THE SINGLE 7.029 AC-FT POND ALSO PROVIDES TEMPORARY PUBLIC BENEFIT UNTIL THE WEST 1-40 DIVERSION CHANNEL IS CONSTRUCTED BY ELIMINATING FLOWS TO THE DOWNSTREAM FLOODPLAIN. WHEN AMAFCA BUILDS THE WEST 1-40 DIVERSION ALL OF THE OTHER TEMPORARY RETENTION PONDS WILL BE REMOVED AND THIS SITE WILL BE ALLOWED FREE DISCHARGE OF THE 100 YR DEVELOPED FLOWS.

THE FIRST PHASE OF GRADING MAY BE DONE INCREMENTALLY SUCH THAT POND D IS CONSTRUCTED WITH UNIT 1 AND MAY RECEIVE DEVELOPED FLOWS FROM BOTH UNITS 1 AND 2 WHILE LEAVING THE EXISTING POND IN UNIT 3 IN PLACE TO RECEIVE INTERIM FLOWS FROM UNDEVELOPED LAND TO THE WEST BOTH ON-SITE AND OFF-SITE. THEN WITH THE DEVELOPMENT OF UNIT 3 ALL OF THE PONDS IN THE AMAFCA RIGHT-OF-WAY MUST BE CONSTRUCTED INCLUDING POND #102, 103 AND K WHICH WILL CUT OFF THE FLOODPLAIN IN THE SOUTHWEST CORNER.

STORM DRAIN INLET DATA

INLET #	TYPE	REMARKS	TO 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)	96.81
4	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	97.81
5	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	98.81
6	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	99.81
7	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	100.81
8	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	101.81
9	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	102.81
10	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	103.81
11	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	104.81
12	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	105.81
13	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	106.81
14	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	107.81
15	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	108.81
16	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	109.81
17	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	110.81
18	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	111.81
19	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	112.81
20	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	113.81
21	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	114.81
22	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	115.81
23	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	116.81
24	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	117.81
25	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	118.81
26	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	119.81
27	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	120.81
28	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	121.81
29	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	122.81
30	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	123.81
31	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	124.81
32	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	125.81
33	DOUBLE "A"	DG. ST	01.52	17.59	22.15(SUMP)	126.81



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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	NO./DAY/YR.	MO./DAY/YR.

DESIGNED BY: JPH
DRAWN BY: KJS, ACH
CHECKED BY: DMG

DATE: 09/00
DATE: 09/00
DATE: 09/00

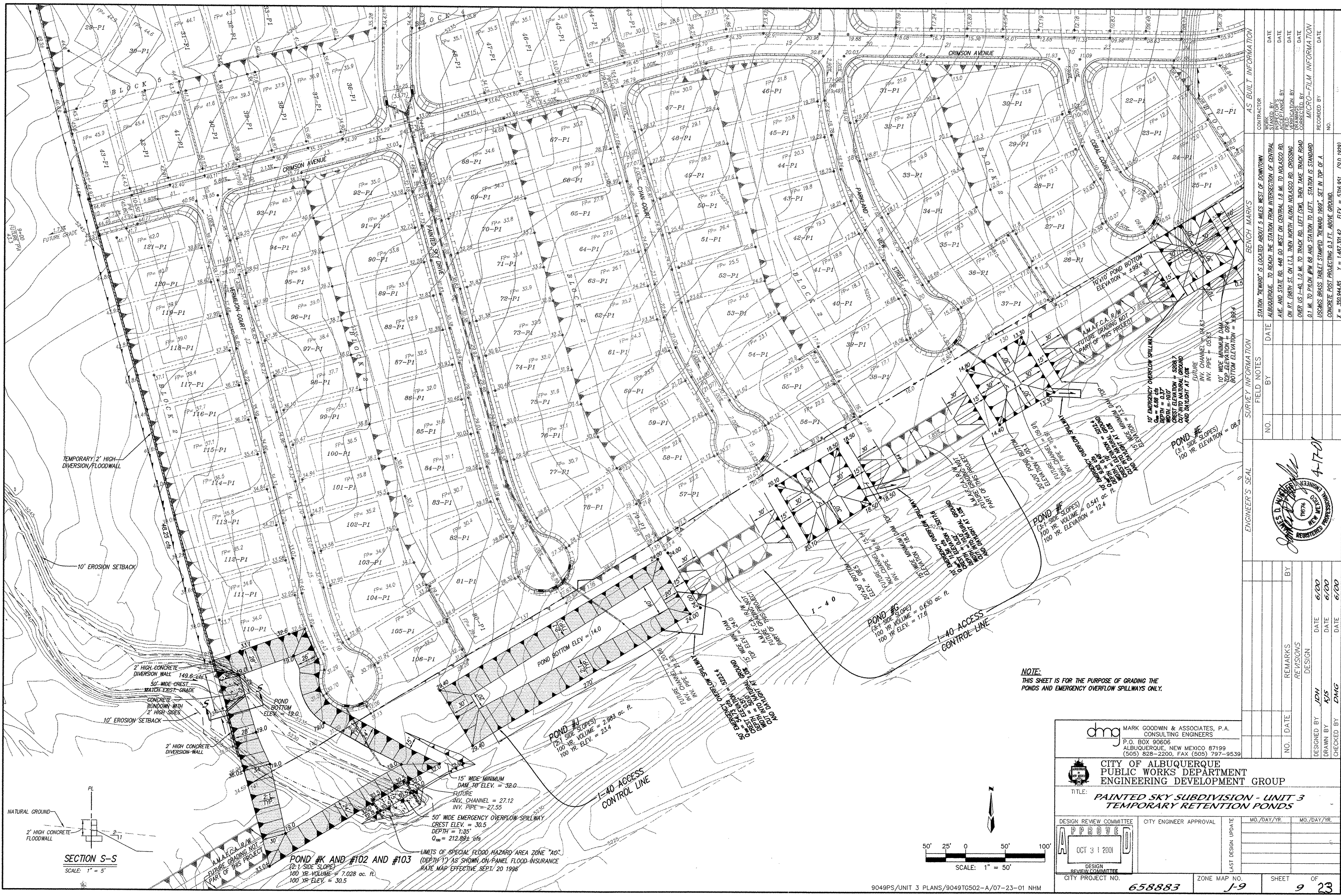
CITY PROJECT NO. **658883**

ZONE MAP NO. **J-9**

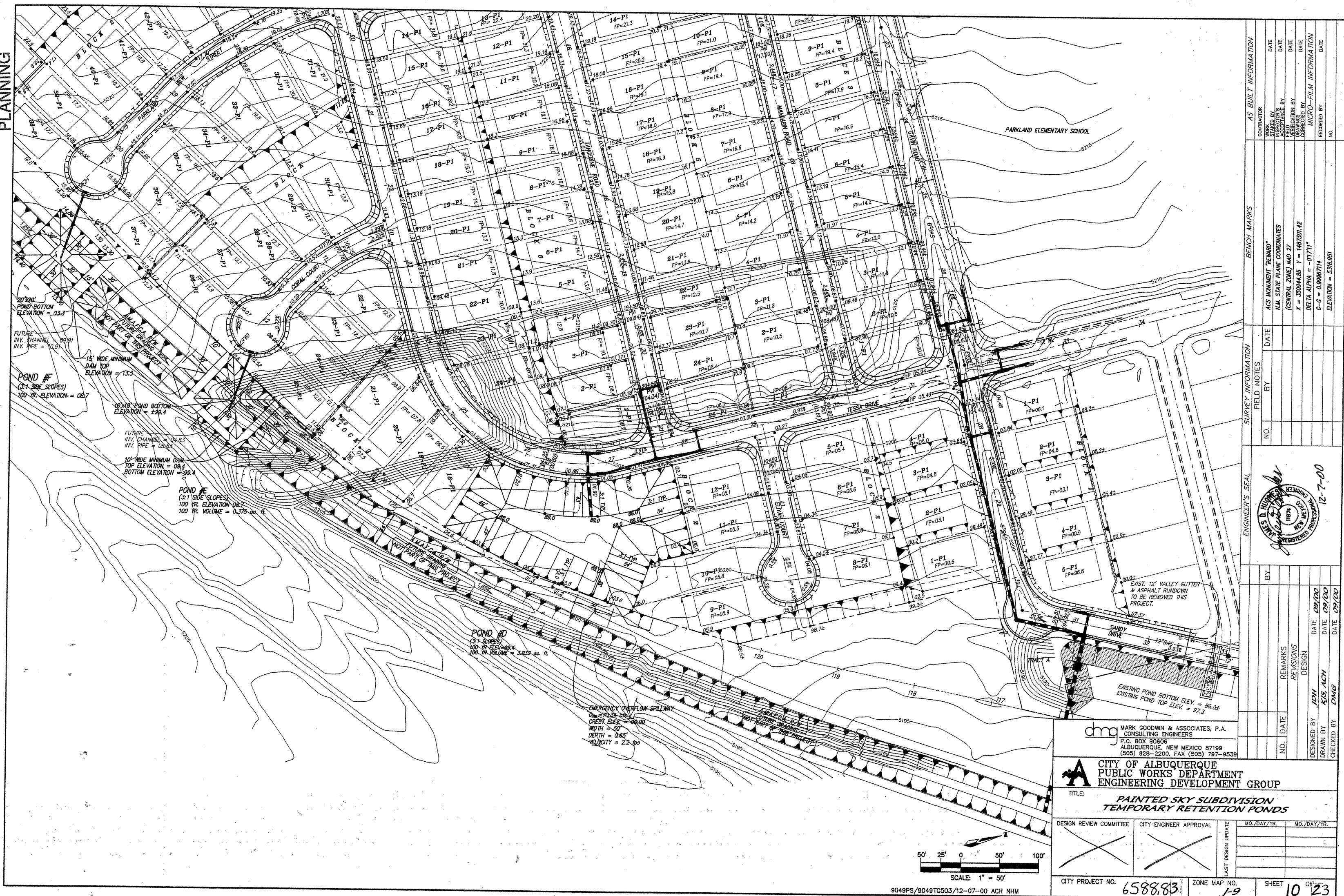
SHEET **8** OF **23**

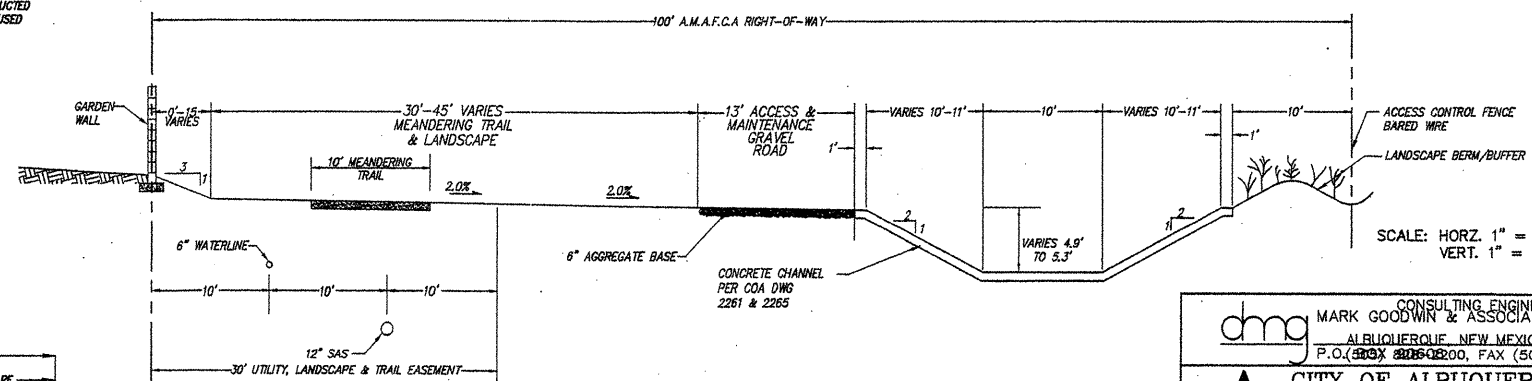
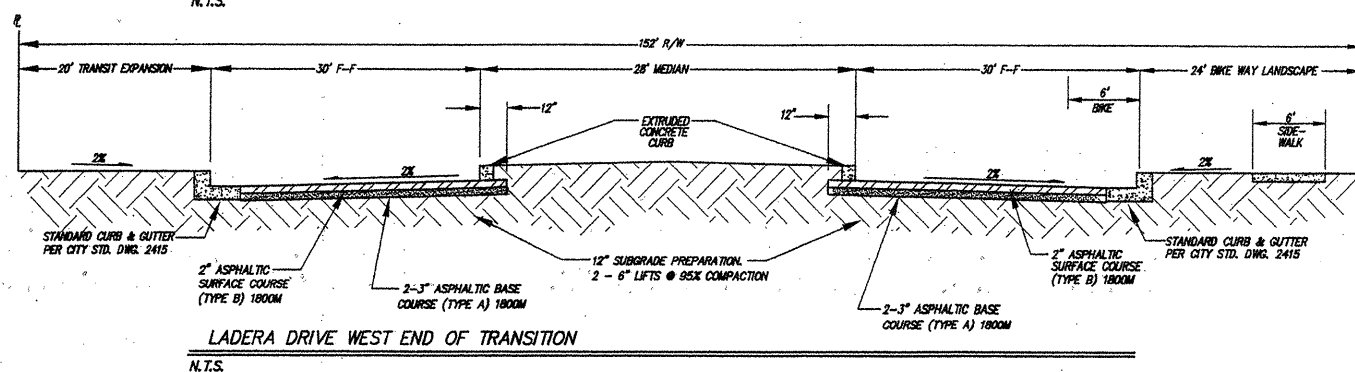
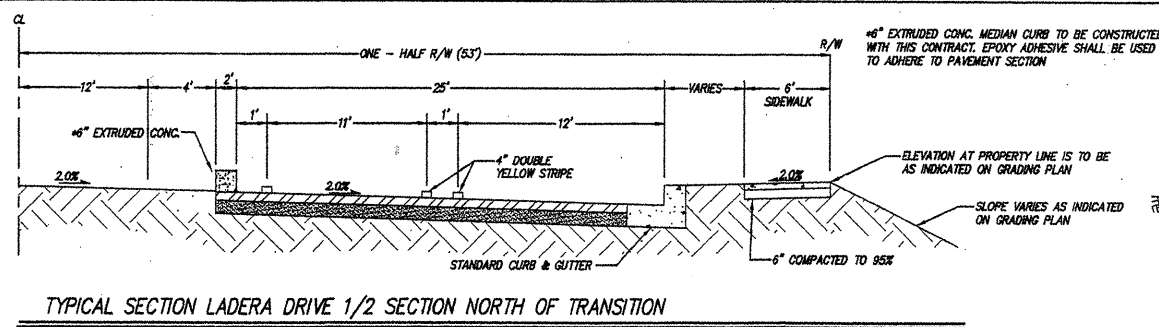
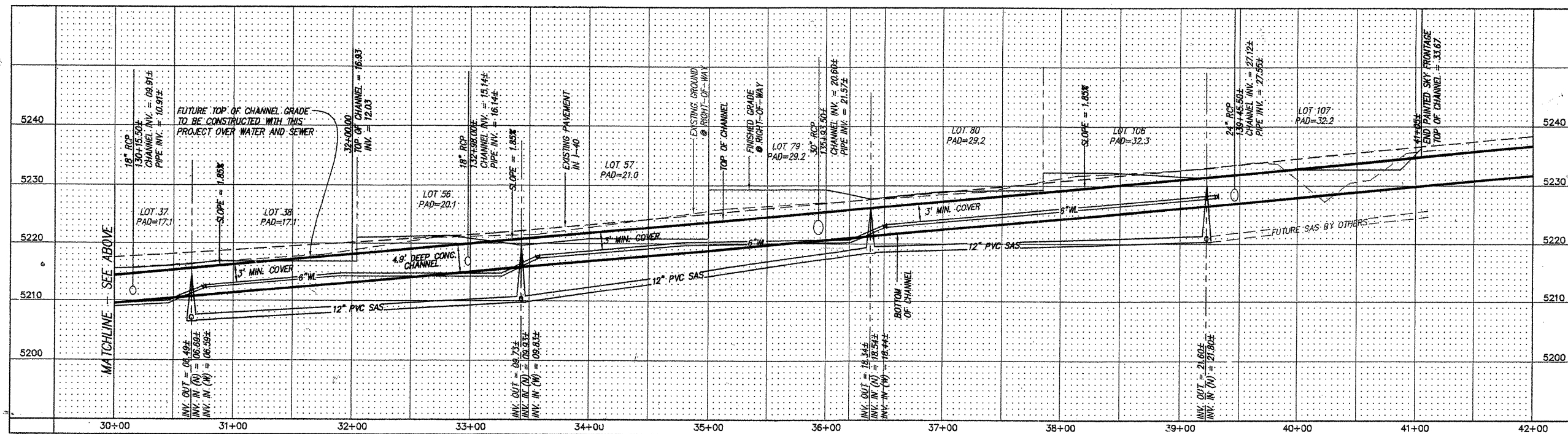
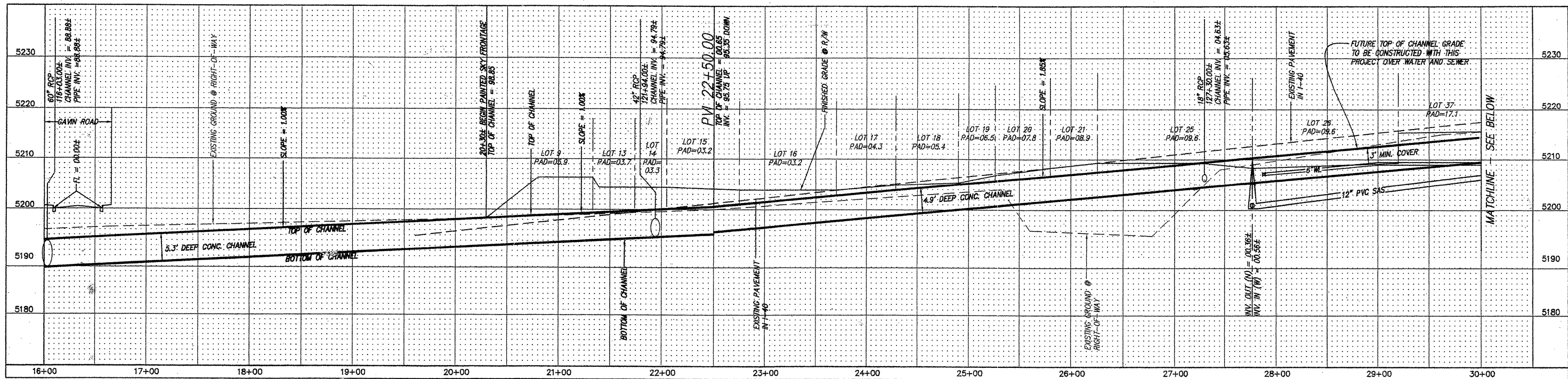
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL		REVISIONS		DATE		DATE		DATE	
CONTRACTOR	DATE	ACCS MONUMENT "REWARD"	DATE	NO.	BY	NO.	BY	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
STANDARD BY	DATE	N.M. STATE PLANE COORDINATES	DATE														
FIELD BY	DATE	(CENTRAL ZONE) MAG 27	DATE														
VERIFICATION BY	DATE	X = 309944.85 Y = 487301.42	DATE														
CORRECTED BY	DATE	DELTA ALPHA = -0.1711"	DATE														
MICRO-FILM INFORMATION	DATE	G-G = 0.9998714	DATE														
RECORDED BY	DATE	ELEVATION = 5316.951	DATE														
NO.																	

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PLANNING





EQUATION		
SLOPE	1.85%	1.00%
D	2.87'	3.37'
V	24.59 FPS	19.69 FPS
FREEBOARD	2.01'	1.92'
RADIUS		1250
SUPERELEVATION	0.42'	0.23'
TOTAL	5.30'	5.52'
$Q_{max} = 1113 cfs$		$n = 0.13$

FOR INFORMATION
ONLY
NOT FOR
CONSTRUCTION

9049PS/1-40PPB/11-29-00 ACH KJS NHM

dmg CONSULTING ENGINEERS
MARK GOODMAN & ASSOCIATES, P.A.
ALBUQUERQUE, NEW MEXICO 87199
P.O. BOX 822600, FAX (505) 797-9539

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

LAST DESIGN UPDATE

CITY PROJECT NO. 6588.83 ZONE MAP NO. J-9 SHEET 11 OF 23

Approved by D.R.B... For Information Only

CONTRACTOR		AS BUILT INFORMATION	
WORK	DATE	CONTRACTOR	DATE
REVISIONS	DATE	REVISIONS	DATE
APPROVED BY	DATE	APPROVED BY	DATE
DESIGNED BY	DATE	DESIGNED BY	DATE
DRAWN BY	DATE	DRAWN BY	DATE
CHECKED BY	DATE	CHECKED BY	DATE
NO.	DATE	NO.	DATE

BENCH MARKS		SURVEY INFORMATION	
ACS MONUMENT "REWARD"	DATE	NO.	DATE
N.M. STATE PLANE COORDINATES	DATE	BY	DATE
(CENTRAL ZONE) NAD 27	DATE		DATE
X = 350944.85 Y = 1487301.42	DATE		DATE
DELTA ALPHA = -0.7711"	DATE		DATE
G-C = 0.99967114	DATE		DATE
ELEVATION = 5318.951	DATE		DATE

ENGINEER'S SEAL		FIELD NOTES	
NO.	DATE	NO.	DATE
BY	DATE	BY	DATE
REVISIONS	DATE	REVISIONS	DATE
DESIGN	DATE	DESIGN	DATE
DATE 09/00	DATE 09/00	DATE 09/00	DATE 09/00
DRAWN BY NHM ACH	DRAWN BY NHM ACH	DRAWN BY NHM ACH	DRAWN BY NHM ACH
CHECKED BY DMG	CHECKED BY DMG	CHECKED BY DMG	CHECKED BY DMG

PHASING PLAN

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 AMAFCA'S WEST 1-40 DIVERSION CHANNEL WHICH MAY BEGIN CONSTRUCTION AS EARLY AS NOVEMBER 2001. PHASE 1 OF PAINTED SKIES IS EXPECTED TO BEGIN A 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 RUN-OFF (2.6 ACFT) FROM THE UNDEVELOPED LAND WEST OF UNITS 1, 2 AND 3 WHICH WILL BE DIVERTED INTO THE POND BY A TEMPORARY DIVERSION DIKE ALSO TO BE CONSTRUCTED WITH THE FIRST PHASE OF GRADING.

TEMPORARY DIVERSION DIKE

TEMPORARY DIVERSION DIKE



Construction Specifications

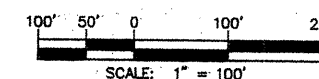
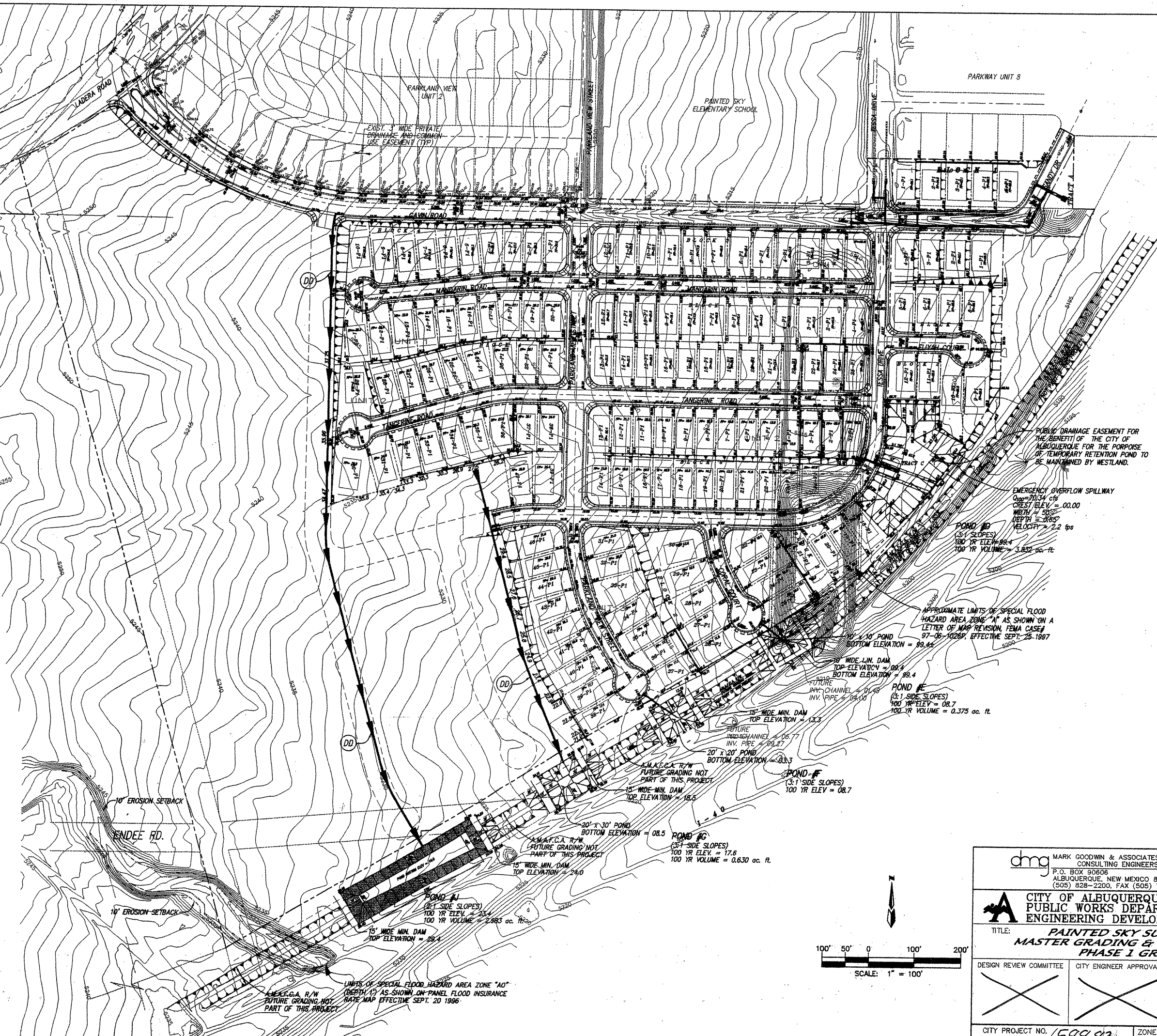
- Temporary diversion dikes must be installed as a first step in the land-disturbing activity and must be functional prior to uplope land disturbance.
- The dike should be adequately compacted to prevent failure.
- Temporary or permanent seeding and mulch shall be applied to the dike immediately following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

Maintenance

The dike 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 dike shall be inspected and repairs made if needed. Damages caused by construction vehicles or other activity must be repaired before the end of each working day.

LEGEND

- MOUNTABLE CURB & GUTTER
- STANDARD 8" CURB & GUTTER
- PROPOSED DRAINAGE BASIN
- TRACT/LOT BOUNDARY
- RIGHT OF WAY
- EASEMENTS
- PROPOSED WATERLINE
- 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
- DD DIVERSION DIKE
- LOT 20



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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

CITY PROJECT NO. 6588.83 ZONE MAP NO. C-20-Z SHEET 12 OF 23

Approved by D.R.B. For Information Only

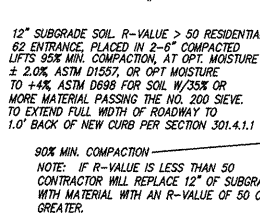
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY
INSPECTED BY	DATE	ACS MONUMENT "REWARD"	DATE		
FIELD BY	DATE	N.M. STATE PLANE COORDINATES	DATE		
ADJUSTED BY	DATE	(CENTRAL ZONE) NAD 27	DATE		
CORRECTED BY	DATE	X = 350944.05 Y = 1487301.42	DATE		
MICRO-FILM INFORMATION	DATE	DELTA ALPHA = -0711"	DATE		
RECORDED BY	DATE	G-G = 0.99967114	DATE		
NO.		ELEVATION = 5316.851	DATE		

ENGINEER'S SEAL
SEAL OF STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
MARK GOODWIN
9-1-00
Rev 11-13-00
Rev 12-7-00

NO.	DATE	REMARKS	BY
		DESIGN	
	09/00	DATE	ACH
	09/00	DATE	DMG
	09/00	DATE	

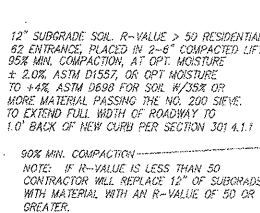
NOTES

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 DRAWING 2418, UNLESS OTHERWISE SPECIFIED.
4. ALL HANDCAP RAMPS TO BE CASE II PER CITY OF ALBUQUERQUE STANDARD DRAWING 2449, 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 MUST 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.



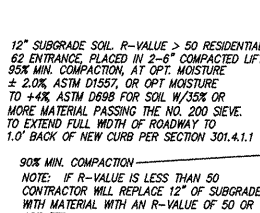
RESIDENTIAL PAVEMENT SECTION

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



5" GAVIN ROAD PAVEMENT SECTION

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

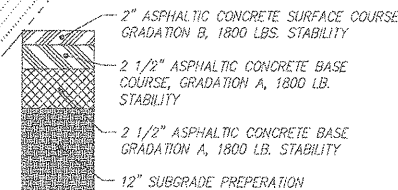


4" ENTRANCE PAVEMENT SECTION

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

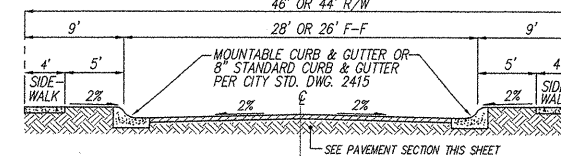
LEGEND

- | | | | |
|---|---------------------------|---|--|
|  | 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 |  | EXISTING STORM SEWER MANHOLE |
|  | EASEMENTS |  | EXISTING SANITARY SEWER |
|  | NEW PHASE LINE |  | EXISTING EDGE OF PAVEMENT |
|  | FUTURE STREET LITE |  | 4' DEFERRED SIDEWALK |
|  | EXISTING STREET LITE |  | REMOVE & REPLACE EXISTING ASPHALT PAVEMENT AND CURB & GUTTER |
| | |  | NEW STREET LITE |



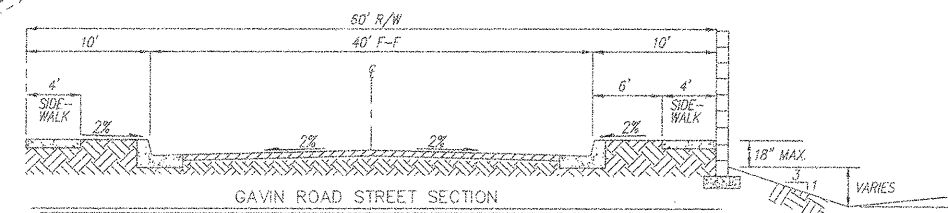
LADERA PAVEMENT SECTION

SCALE: NONE



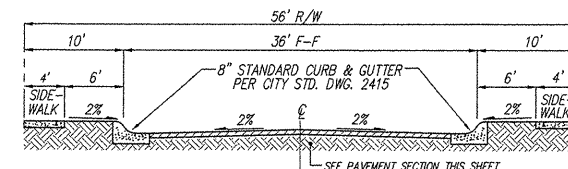
28' OR 26' RESIDENTIAL STREET SECTION

NOT TO SCALE



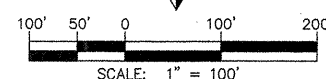
GAVIN ROAD STREET SECTION

NOT TO SCALE

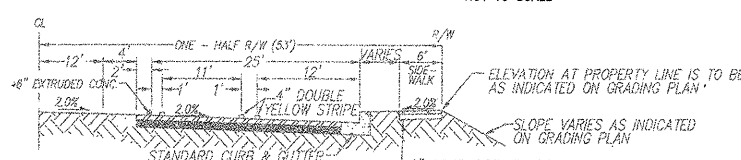


36' RESIDENTIAL STREET SECTION

NOT TO SCALE



SCALE: 1" = 100'



LADERA STREET SECTION

NOT TO SCALE

*6" EXTRUDED CONC. MEDIAN CURB TO BE CONSTRUCTED WITH THIS CONTRACT. EPOXY ADHESIVE SHALL BE USED TO ADHERE TO PAVEMENT SECTION PER COA STD DWG 2415

99049PS/UNIT 3 PLANS/9049u3MP.dwg/04-16-01/ACH DER NHM



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ***PAINTED SKY SUBDIVISION - UNIT 3
MASTER PAVING PLAN***

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

TE	MO./DAY/YR.	MO./DAY/YR.
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CITY PROJECT NO.

3	ZONE MAP NO
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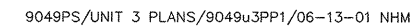
SHEET		OF
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6588.83

1-5

132

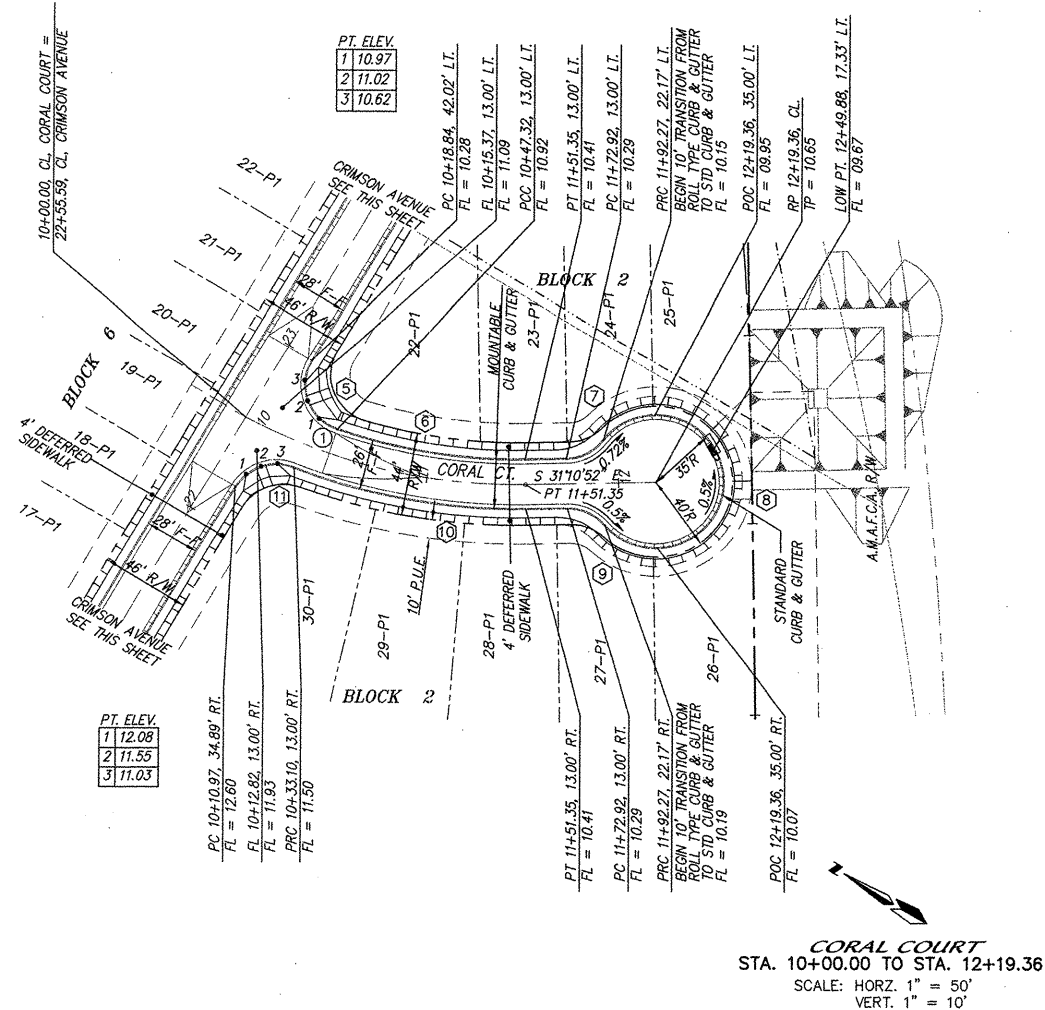
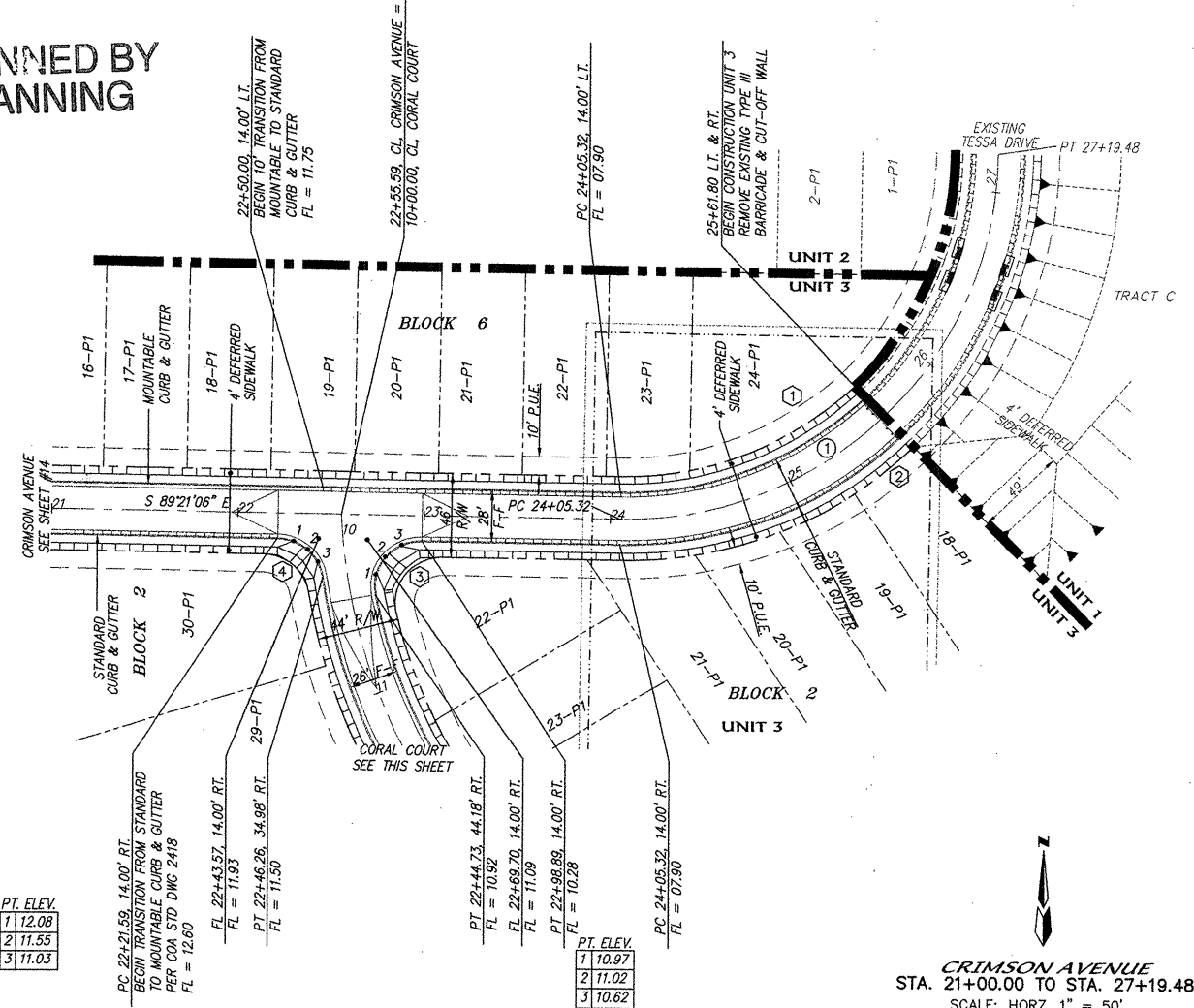
4-17-01



SHEET OF

GROUP		N - UNIT 3		N5	
MO./DAY/YR.		MO./DAY/YR.			
SHEET		OF		14 22	
DESIGNED BY <i>JDH</i>		DATE <i>11/00</i>			
DRAWN BY <i>NHM</i>		DATE <i>11/00</i>			
CHECKED BY <i>DMG</i>		DATE <i>11/00</i>			
NO.		DATE		REMARKS	
BY					
ENGINEER'S SEAL				FIELD NOTES 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 MOLASO RD. ON RT. 180TH ST. ON L.T., THEN NORTH ALONG MOLASO RD. CROSSING OVER US 1-40. 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO Pylon #PM 68 AND STATION TO LEFT. STATION IS STANDARD USGS BRASS TABLET STAMPED "REWARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND. X = 350,944.65 Y = 1,487,301.42 ELEV. = 5316.951 (SD 1929)	
ENGINEER'S SEAL				SURVEY Y INFORMATION NO. BY DATE INSPECTOR'S FIELD VERIFICATION BY DATE WORKED BY DATE CONTRACTOR	
AS BUILT INFORMATION		BENCH MARKS		MICRO-FILM INFORMATION	

SCANNED BY
PLANNING



NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES CENTERLINE

① $\Delta = 90^{\circ}00'00''$
 $R = 186.00'$
 $T = 200.00'$
 $L = 314.16'$

② $\Delta = 28^{\circ}54'22''$
 $R = 300.00'$
 $T = 77.32'$
 $L = 151.35'$

CURVE DATA - DESCRIBES FACE OF NEW CURB

① $\Delta = 90^{\circ}00'00''$
 $R = 186.00'$
 $T = 200.00'$
 $L = 314.16'$

② $\Delta = 90^{\circ}00'00''$
 $R = 214.00'$
 $T = 214.00'$
 $L = 336.15'$

③ $\Delta = 101^{\circ}57'40''$
 $R = 25.00'$
 $T = 25.00'$
 $L = 44.49'$

④ $\Delta = 80^{\circ}45'19''$
 $R = 25.00'$
 $T = 21.26'$
 $L = 22.12'$

⑤ $\Delta = 101^{\circ}57'40''$
 $R = 25.00'$
 $T = 30.85'$
 $L = 44.49'$

⑥ $\Delta = 19^{\circ}52'06''$
 $R = 287.00'$
 $T = 50.27'$
 $L = 99.52'$

⑦ $\Delta = 50^{\circ}42'13''$
 $R = 25.00'$
 $T = 11.85'$
 $L = 22.12'$

⑧ $\Delta = 281^{\circ}24'25''$
 $R = 35.00'$
 $T = -28.64'$
 $L = 171.90'$

⑨ $\Delta = 50^{\circ}42'13''$
 $R = 25.00'$
 $T = 11.85'$
 $L = 22.12'$

⑩ $\Delta = 22^{\circ}35'05''$
 $R = 313.00'$
 $T = 62.50'$
 $L = 123.38'$

⑪ $\Delta = 80^{\circ}45'19''$
 $R = 25.00'$
 $T = 21.26'$
 $L = 35.24'$

LEGEND

--- PHASE LINE

dmg MARK GOODWIN & ASSOCIATES, P.A.
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PAINTED SKY SUBDIVISION - UNIT 3
PAVING IMPROVEMENTS

APPROVED
OCT 31 2011
DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.

6588.83

ZONE MAP NO.

J-9

SHEET

OF

15 23

ENGINEER'S SEAL
MARK GOODWIN
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
4-17-01

REVISIONS
NO. DATE BY
DESIGNED BY JGH
DRAWN BY NMH
CHECKED BY DMG
DATE 11/00
DATE 11/00

REVISIONS
NO. DATE BY

REVISIONS
NO. DATE BY

REVISIONS
NO. DATE BY

REVISIONS
NO. DATE BY

REVISIONS
NO. DATE BY

PT. ELEV.	1	22.98
	2	22.71
	3	22.44

PT. ELEV.	1	22.48
	2	22.75
	3	23.01

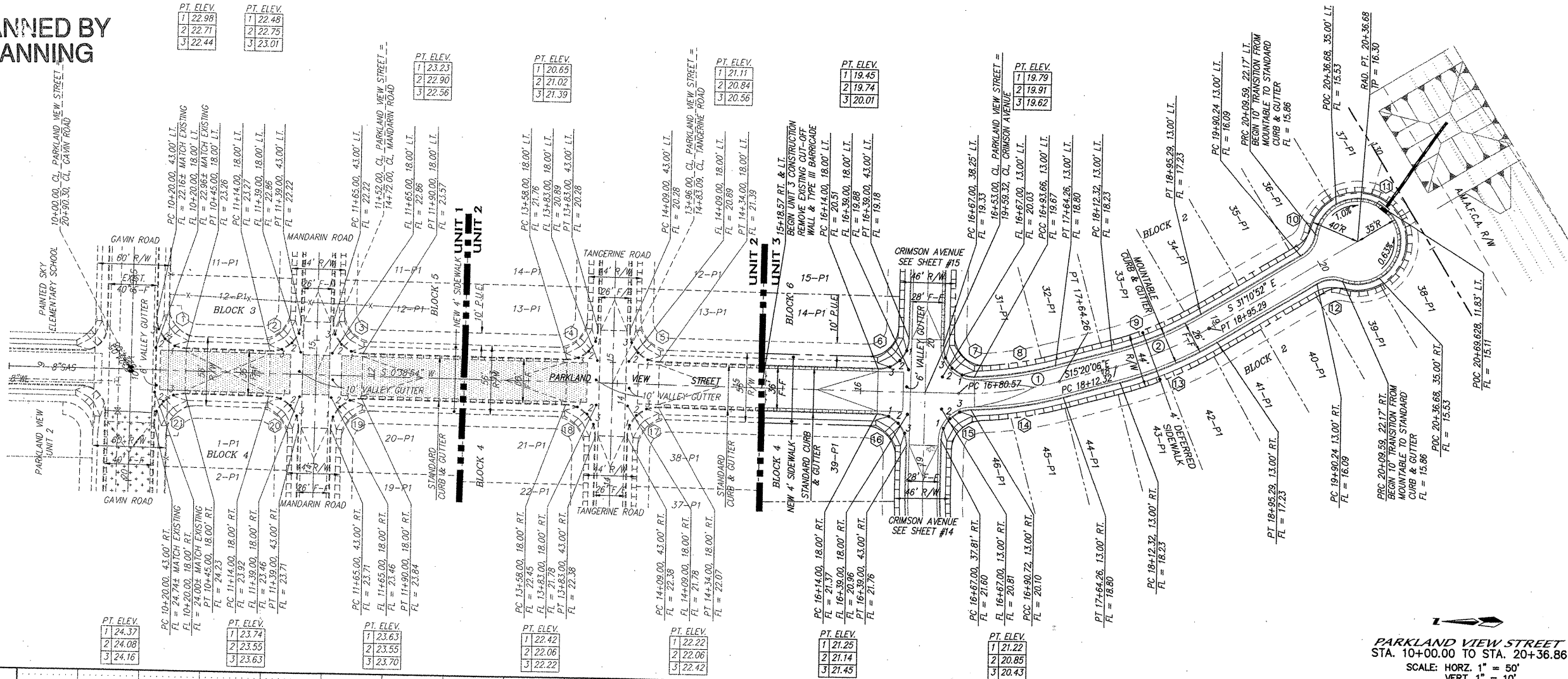
PT. ELEV.	1	23.23
	2	22.90
	3	22.56

PT. ELEV.	1	20.65
	2	21.02
	3	21.39

PT. ELEV.	1	21.11
	2	20.84
	3	20.56

PT. ELEV.	1	21.74
	2	21.01

PT. ELEV.	1	21.11
	2	20.84
	3	20.56



PARKLAND VIEW STREET
STA. 10+00.00 TO STA. 20+36.88
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES CENTERLINE

① Δ = 15°59'00"	② Δ = 15°50'46"
R = 300.00'	R = 300.00'
T = 42.12'	T = 41.75'
L = 83.69'	L = 82.97'

CURVE DATA - DESCRIBES FACE OF NEW CURB

① Δ = 90°00'00"	② Δ = 90°00'00"	③ Δ = 90°00'00"
R = 25.00'	R = 25.00'	R = 25.00'
T = 25.00'	T = 25.00'	T = 25.00'
L = 39.27'	L = 39.27'	L = 39.27'
④ Δ = 90°00'00"	⑤ Δ = 90°00'00"	⑥ Δ = 90°00'01"
R = 25.00'	R = 25.00'	R = 25.00'
T = 25.00'	T = 25.00'	T = 25.00'
L = 39.27'	L = 39.27'	L = 39.27'
⑦ Δ = 92°30'03"	⑧ Δ = 13°28'57"	⑨ Δ = 15°50'46"
R = 25.00'	R = 287.00'	R = 287.00'
T = 26.12'	T = 33.92'	T = 33.92'
L = 40.36'	L = 67.53'	L = 79.37'
⑩ Δ = 50°42'13"	⑪ Δ = 281°24'25"	⑫ Δ = 50°42'13"
R = 25.00'	R = 313.00'	R = 25.00'
T = 11.85'	T = -28.64'	T = 11.85'
L = 22.12'	L = 171.90'	L = 22.12'
⑬ Δ = 15°50'46"	⑭ Δ = 14°02'42"	⑮ Δ = 88°03'42"
R = 313.00'	R = 313.00'	R = 25.00'
T = 43.56'	T = 38.56'	T = 24.17'
L = 86.57'	L = 76.73'	L = 38.42'
⑯ Δ = 90°00'00"	⑰ Δ = 90°00'00"	⑱ Δ = 90°00'00"
R = 25.00'	R = 25.00'	R = 25.00'
T = 25.00'	T = 25.00'	T = 25.00'
L = 39.27'	L = 39.27'	L = 39.27'
⑲ Δ = 90°00'00"	⑳ Δ = 90°00'00"	㉑ Δ = 90°00'00"
R = 25.00'	R = 25.00'	R = 25.00'
T = 25.00'	T = 25.00'	T = 25.00'
L = 39.27'	L = 39.27'	L = 39.27'

LEGEND

PHASE LINE

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PAINTED SKY SUBDIVISION - UNIT 3
PAVING IMPROVEMENTS



CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.

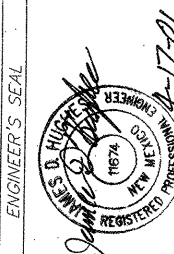
6588.83

ZONE MAP NO.

J-9

SHEET

OF 16 23



NO.	DATE	REMARKS
1	11/00	DESIGN
2	11/00	REVISIONS
3	11/00	DESIGN

DESIGNED BY	DRAWN BY	CHECKED BY
JDH	NHM	DMG

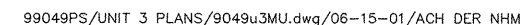
DATE

DATE

DATE

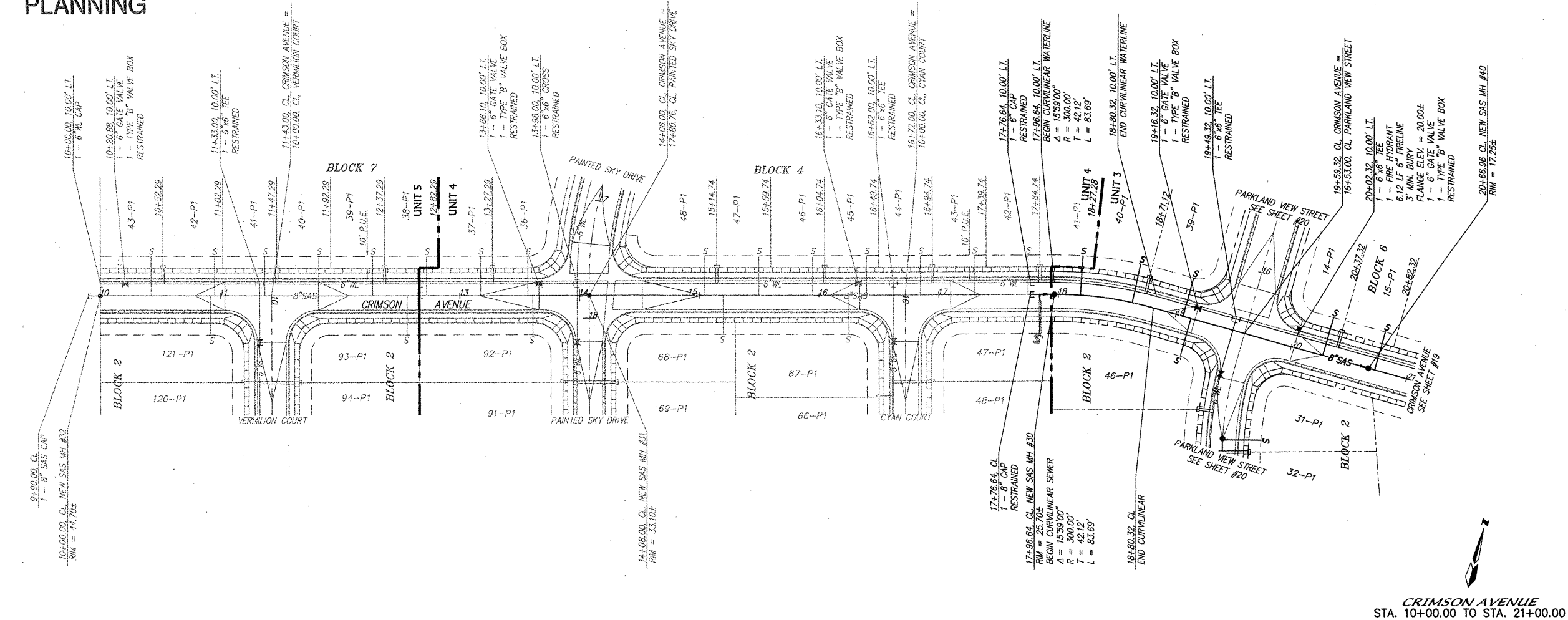
DATE

DATE

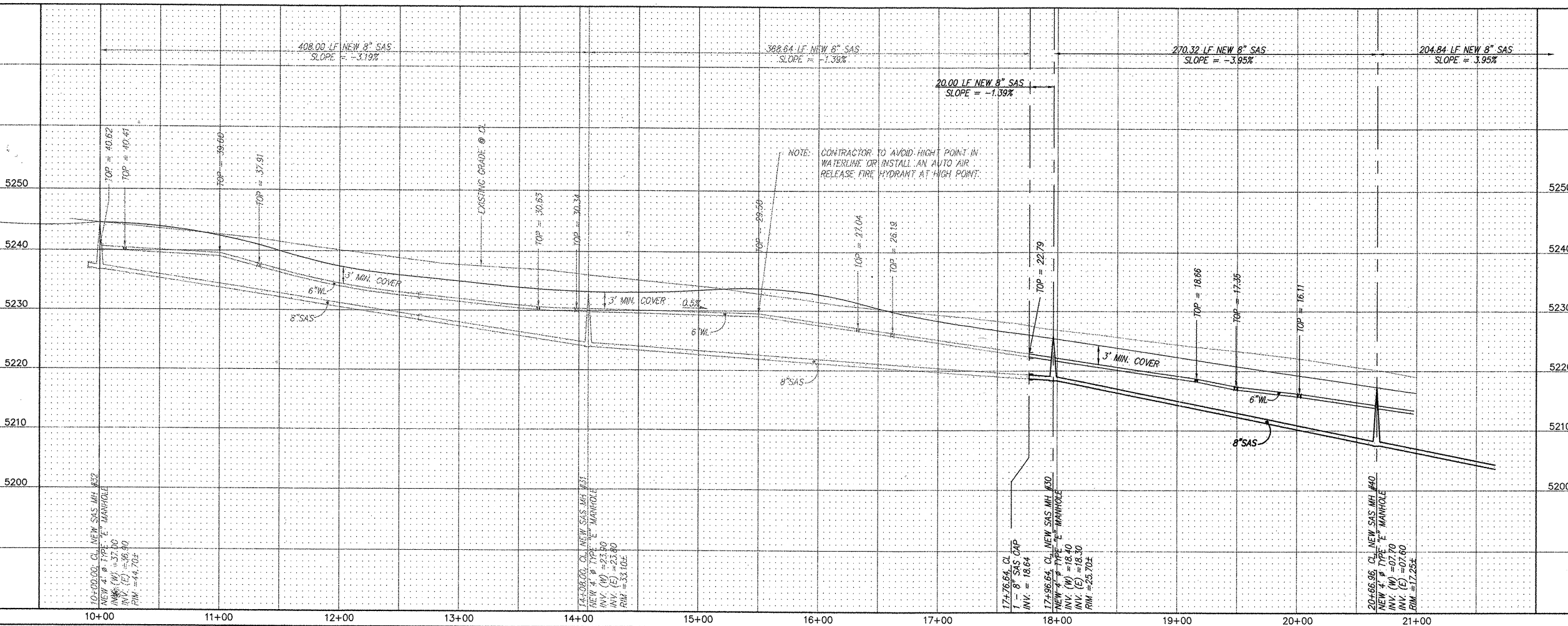


ENGINEER'S SEAL										SURVEY INFORMATION				BENCH MARKS				AS BUILT INFORMATION			
										FIELD NOTES				STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO MOLASCO RD. ON RT. (98TH ST. ON I.Z.), THEN NORTH ALONG MOLASCO RD. CROSSING OVER US 1-40, 1.0 MI. TO TRACK RD. LEFT (SW). THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD LOSCAGS BRASS TABLET STAMPED "REWARD 1989". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.		CONTRACTOR		WORK		DATE	
										NO.	BY	DATE	STARTED BY	ACCEPTANCE BY	DATE						
													FIELD	DRAWINGS	DATE						
													CORRECTED BY	MICRO-FILM	INFORMATION						
													RECORDED BY		DATE						
													NO.								
													X = 350,844.65	Y = 1,487,301.42	ELEV. = 5316.951' (SD 1929)						
DESIGNED BY JDH										DATE 09/00											
DRAWN BY ACH										DATE 09/00											
CHECKED BY DMG										DATE 09/00											
CONTRACT GROUP																					
PLAN - UNIT 3																					
MO./DAY/YR.										MO./DAY/YR.											
SHEET										OF											
17										23											

SCANNED BY
PLANNING



CRIMSON AVENUE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
7	43-P1	10+42.29	38.00	33.00'
7	42-P1	10+94.29	36.50	33.00'
7	41-P1	11+37.29	34.20	33.00'
7	40-P1	11+82.29	32.00	33.00'
7	39-P1	12+27.29	30.50	33.00'
7	38-P1	12+72.29	29.50	33.00'
7	37-P1	13+17.29	28.50	33.00'
7	36-P1	13+56.89	27.70	33.00'
4	48-P1	15+04.74	27.80	33.00'
4	47-P1	15+49.74	27.70	33.00'
4	46-P1	15+94.74	26.70	33.00'
4	45-P1	16+39.74	24.50	33.00'
4	44-P1	16+84.74	22.60	33.00'
4	43-P1	17+29.74	21.20	33.00'
4	42-P1	17+74.74	19.80	33.00'
4	41-P1	18+18.43	18.50	33.00'
4	40-P1	18+62.10	17.00	33.00'
4	39-P1	19+06.02	16.30	33.00'
6	14-P1	20+27.32	12.20	33.00'
6	15-P1	20+72.32	10.90	33.00'
2	121-P1	10+92.00	37.50	33.00'
2	93-P1	12+56.00	31.00	33.00'
2	92-P1	13+61.00	28.70	33.00'
2	68-P1	15+20.00	29.10	33.00'
2	67-P1	16+25.00	26.00	33.00'
2	47-P1	17+84.00	20.70	33.00'
2	46-P1	19+12.93	16.80	33.00'

AS BUILT INFORMATION

BENCH MARKS		CONTRACTOR
STATION "REWARD" IS LOCATED ABOUT 3 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 NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US-1-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PULON #168 AND STATION TO LEFT. STATION IS STANDARD USGARS BRASS TABLET STAMPED "REWARD 1989". SET IN TOP OF A CONCRETE POST PROTECTING 0.3 FT. ABOVE GROUND.		WORK STATIONED STATIONED ADJUSTED FIELD DRAWN CORRECTED M
NO.		RECORDED
X = 354,944.85 Y = 1,487,201.42 ELEV. = 5316.951 (S.D. 1928)		

FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

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'	3'	2'	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.

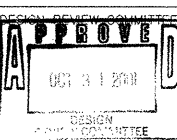
RESTRAINED JOINT LENGTH FOR TEES (FT.)

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

TITLE: PAINTED SKY SUBDIVISION - UNIT 3
UTILITY IMPROVEMENTS



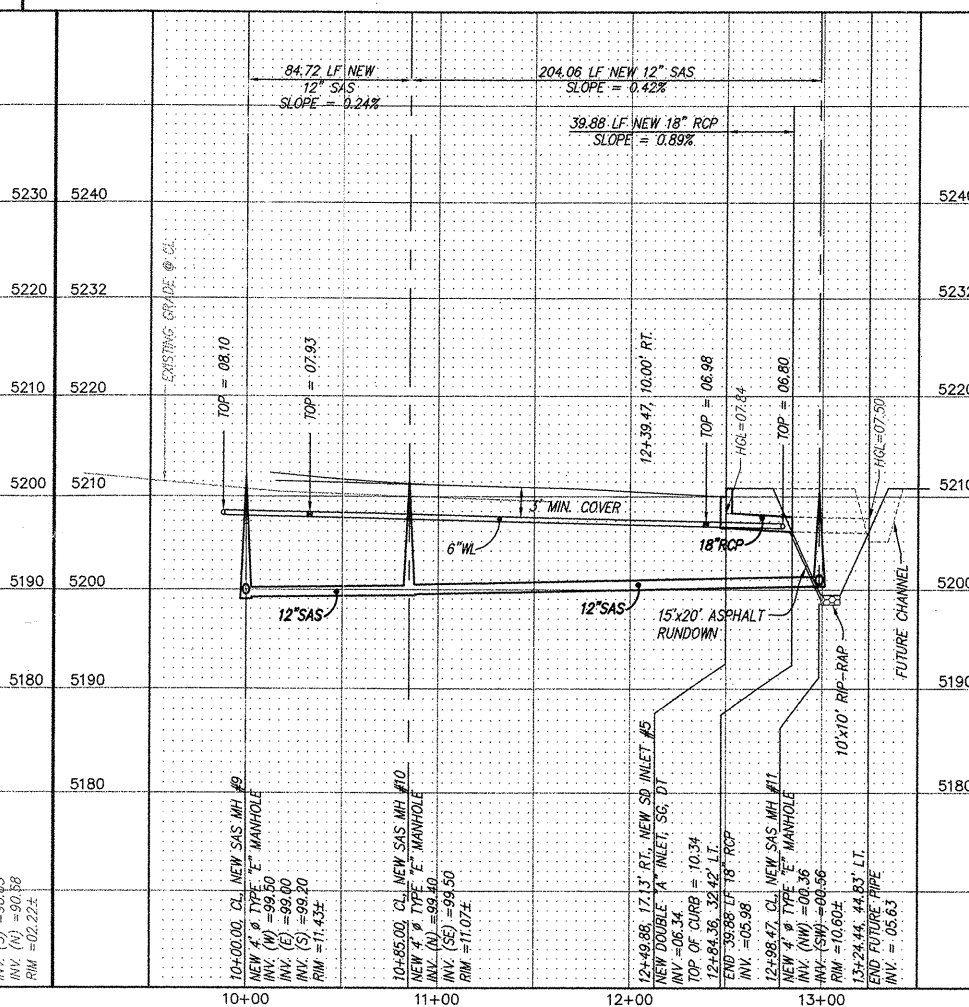
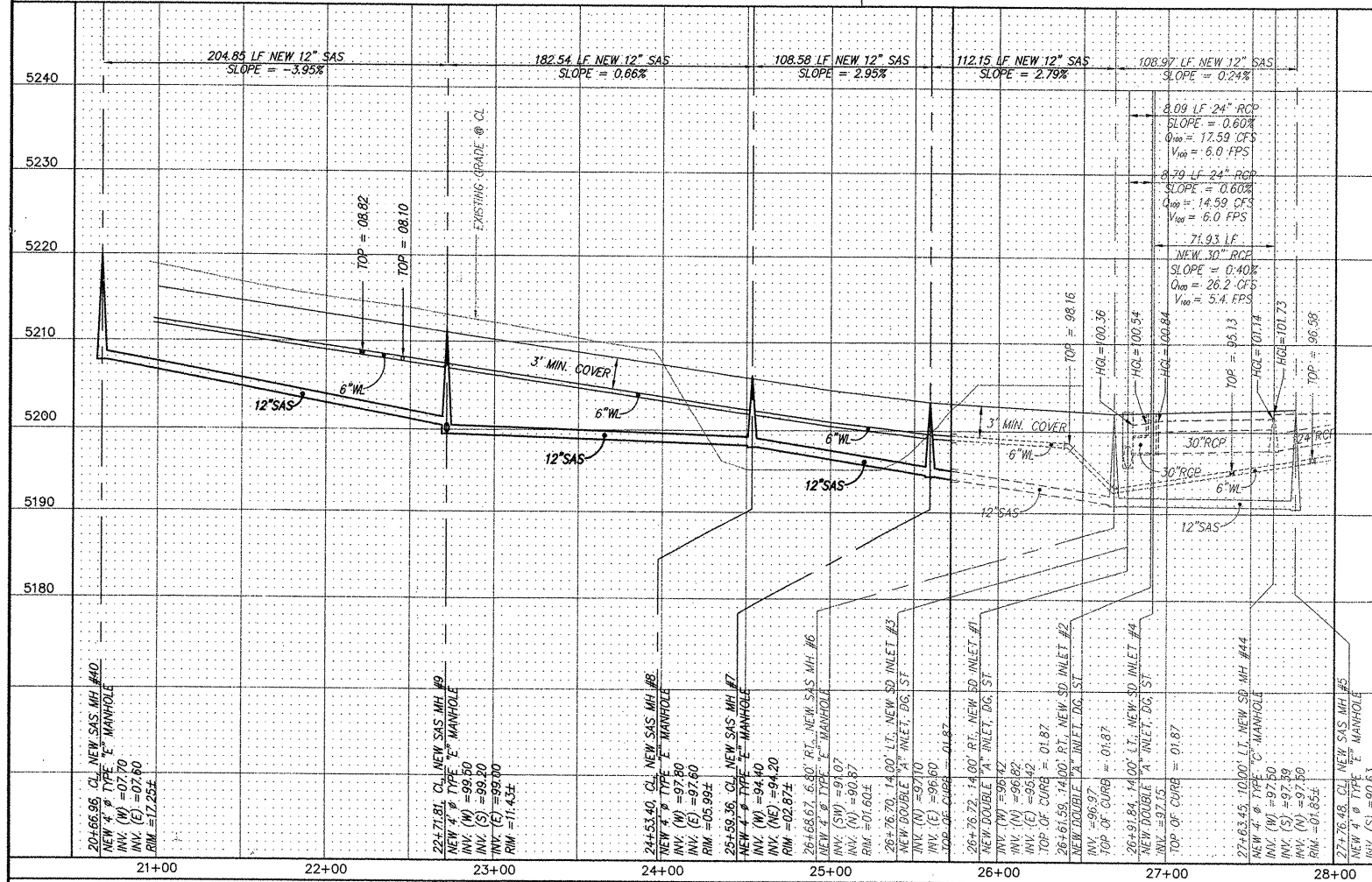
CITY ENGINEER APPROVAL

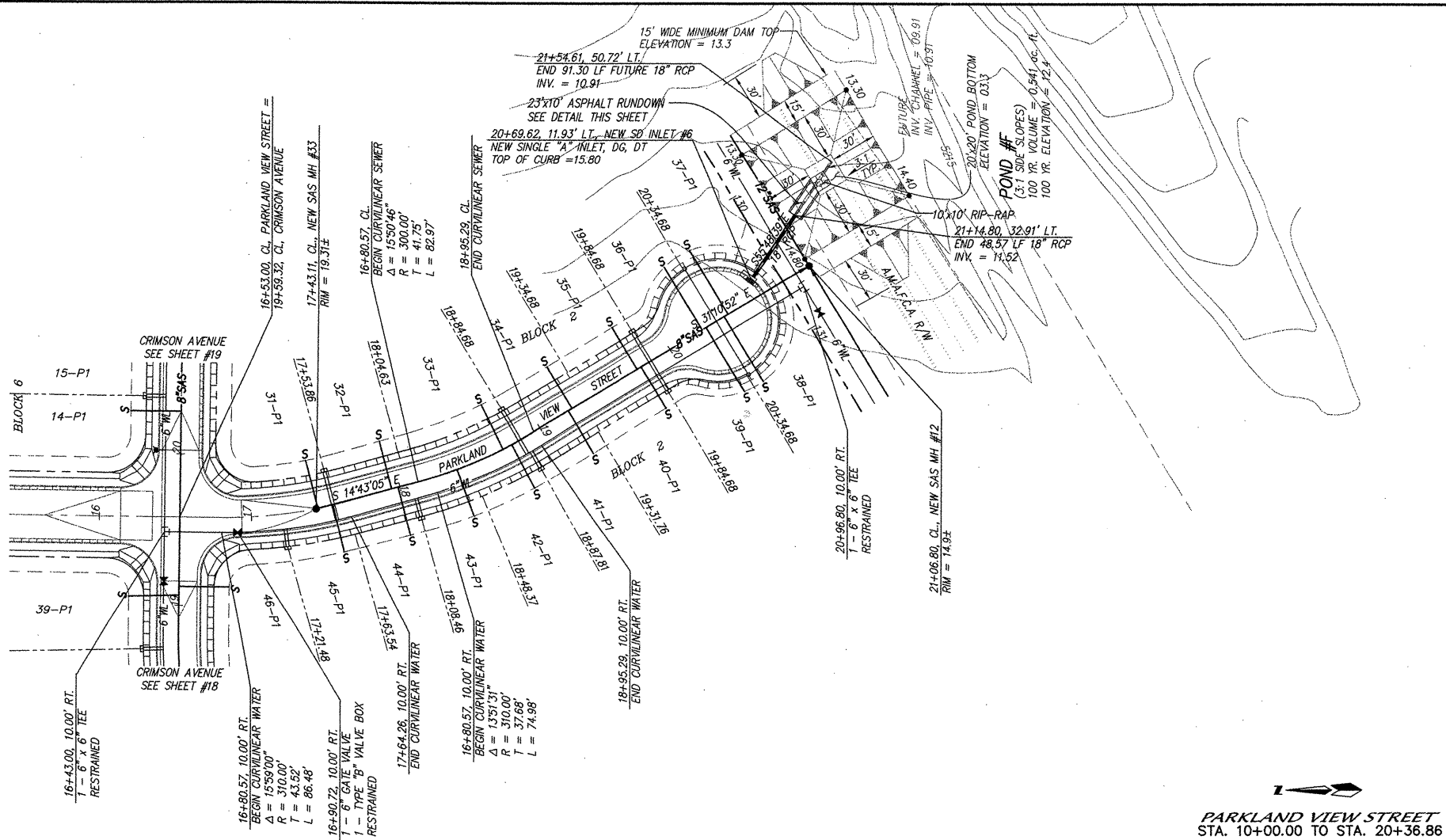
MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 6588.83

ZONE MAP NO. J-9

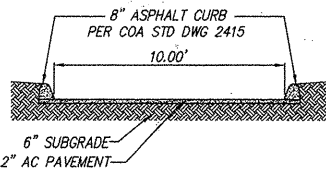
SHEET 18 OF 23

[illegible]



NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
2	31-P1	17+42.25	13.90	32.00'
2	32-P1	17+94.61	13.20	31.81'
2	33-P1	18+72.19	12.50	32.00'
2	34-P1	19+24.68	11.70	32.00'
2	35-P1	19+74.68	11.10	32.00'
2	36-P1	20+24.68	10.50	32.00'
2	37-P1	20+44.68	10.30	49.36'
2	38-P1	20+41.68	09.50	49.75'
2	39-P1	20+27.68	09.70	49.18'
2	40-P1	19+77.68	10.30	32.00'
2	41-P1	19+21.76	10.90	32.00'
2	42-P1	18+78.77	11.40	32.00'
2	43-P1	18+39.33	11.80	32.00'
2	44-P1	17+98.45	12.40	32.15'
2	45-P1	17+54.51	12.90	32.00'



ASPHALT RUNDOWN SECTION
N.T.S.

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'	3'	2'	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'

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

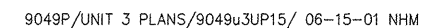
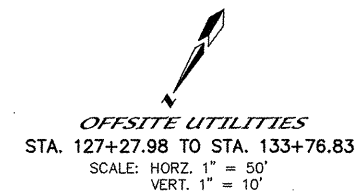
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **PAINTED SKY SUBDIVISION - UNIT 3**
UTILITY IMPROVEMENTS

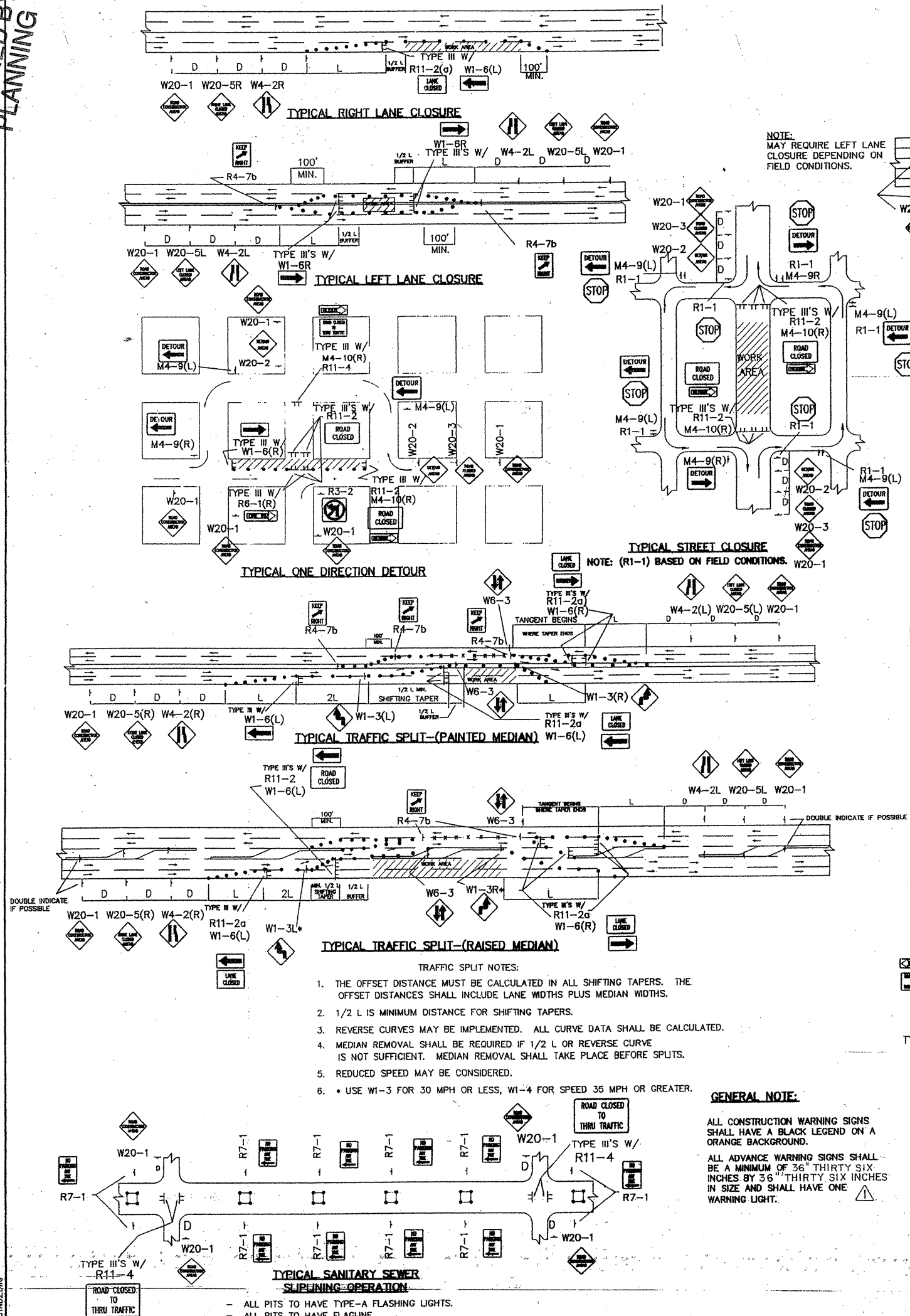


CITY ENGINEER APPROVAL		MO./DAY/YR.	
LAST DESIGN UPDATE			

CITY PROJECT NO. **6588.83** ZONE MAP NO. **J-9** SHEET **20** OF **23**



CITY PROJECT NO.	ZONE MAP NO.	SHEET OF
6588.83	J-9	21 23

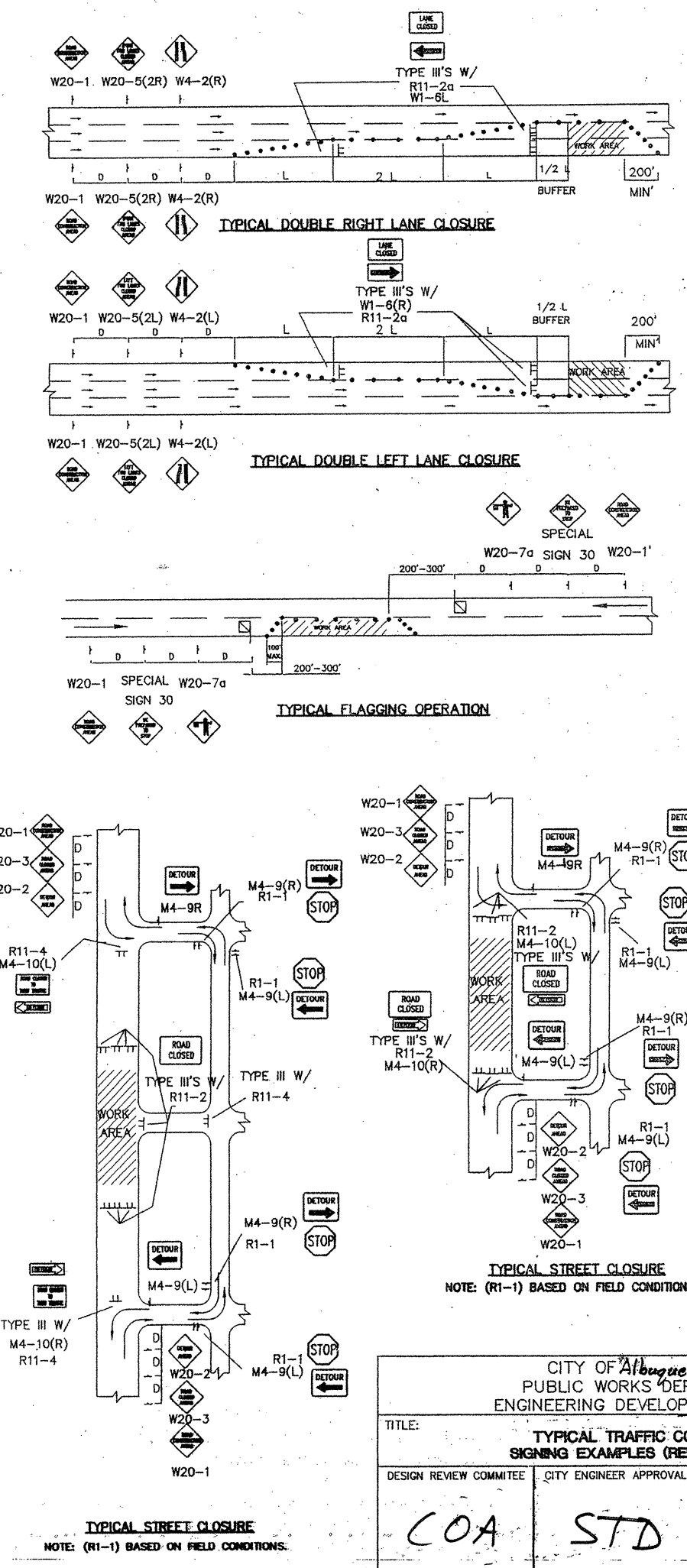
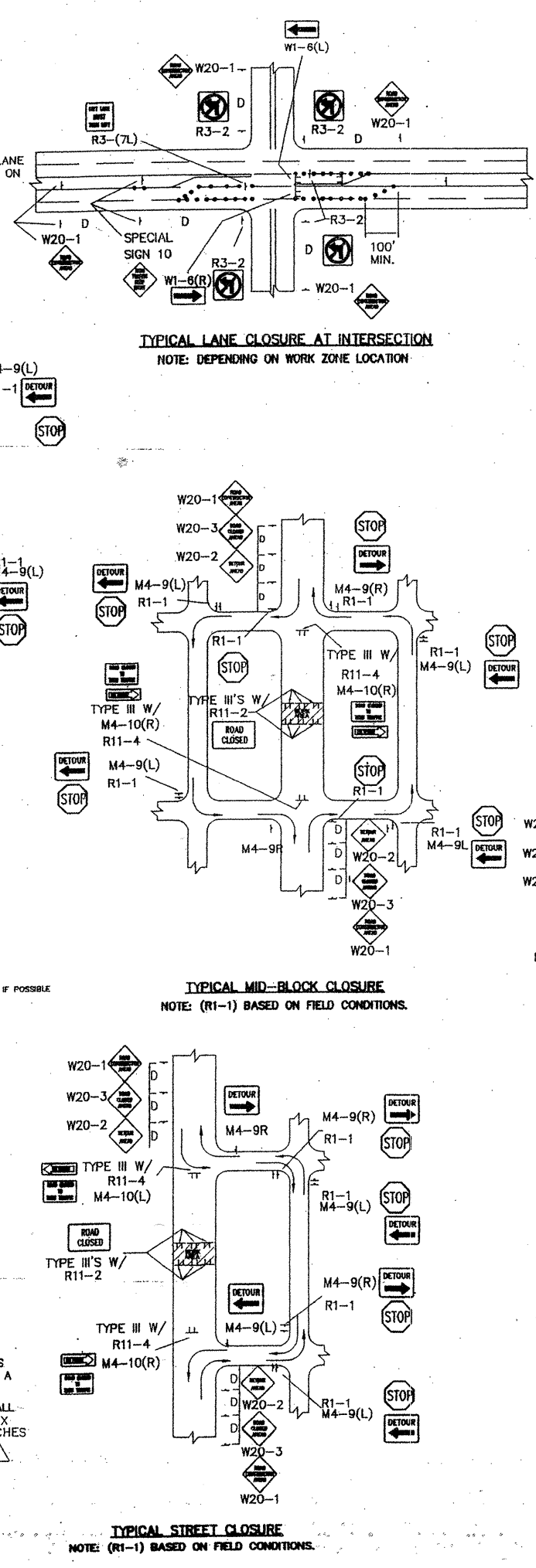


- TRAFFIC SPLIT NOTES:
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
 2. 1/2 L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
 3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
 4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
 5. REDUCED SPEED MAY BE CONSIDERED.
 6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.

GENERAL NOTE:

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

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.



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	MO./DAY/YR.	MO./DAY/YR.
COA	STD		

PROJECT NO. 6588.83

MAP NO. J-9

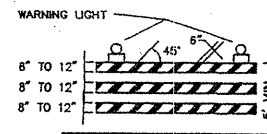
SHEET 22 OF 23

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	DATE	STATION	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
GCH, Inc.	6-2-78	ALB	7-2-78								
STANDARD	7-2-78	ALB	7-2-78								
FIELD	7-2-78	ALB	7-2-78								
VERIFICATION	7-2-78	ALB	7-2-78								
CORRECTION	7-2-78	ALB	7-2-78								
MICRO-FILM	7-2-78	ALB	7-2-78								
INFORMATION	7-2-78	ALB	7-2-78								

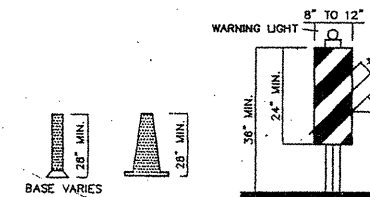
CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

- 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 ACCESSES. 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 ACCESSES. 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.

- 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.
- 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.
- 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.
- ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.
- TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.
- 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 M.U.T.C.D.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



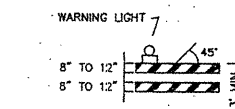
TYPE III BARRICADE



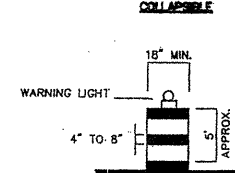
CONES

VERTICAL PANEL

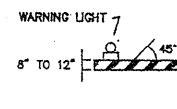
HIGH LEVEL WARNING DEVICE



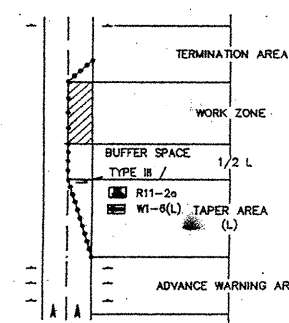
TYPE II BARRICADE



BARREL



TYPE I BARRICADE



TRAFFIC CONTROL ELEMENTS

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 MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	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

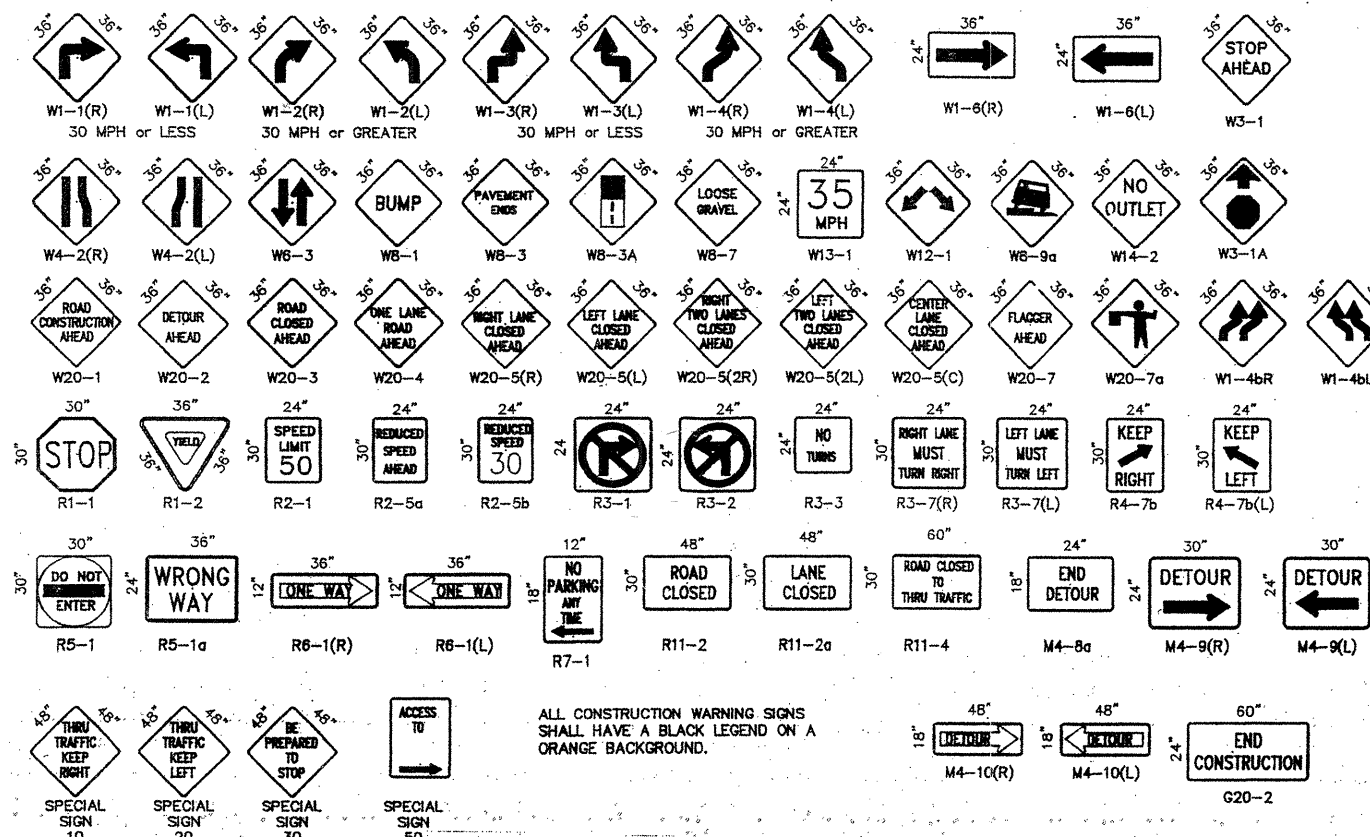
TAPER CRITERIA

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	
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		REVISIONS		DESIGNED BY		DRAWN BY		CHECKED BY	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
STAMPED BY		INSPECTED BY		FIELD		DATE		DATE		DATE		DATE		DATE	
MICRO-FILM INFORMATION		RECORDED BY		NO.		DATE		DATE		DATE		DATE		DATE	

CITY OF Albuquerque, New Mexico		PUBLIC WORKS DEPARTMENT		ENGINEERING DEVELOPMENT GROUP	
TITLE: SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS					
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO. / DAY / YR.	NO. / DAY / YR.		
COA	STD				
PROJECT NO. 6588.83	MAP NO. J-9	SHEET 23 OF 23			