CONSTRUCTION PLANS

FOR

PAINTED SKY SUBDIVISION - UNIT 5

ALBUQUERQUE, NEW MEXICO

SCANNED BY
MESA REPRO

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 11/20/03

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by the surveyor on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Precision Surveys Inc., NMPS number 11993.

James D. Hughes 7-22-03
James D. Hughes NMPE 11674

JAMES D. HUGHES
11674
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

AS BUILT CERTIFICATION

I, LARRY W. MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS-BUILT INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE: 4/28/03

LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC.
8414-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NM 87113
(505)856-5700

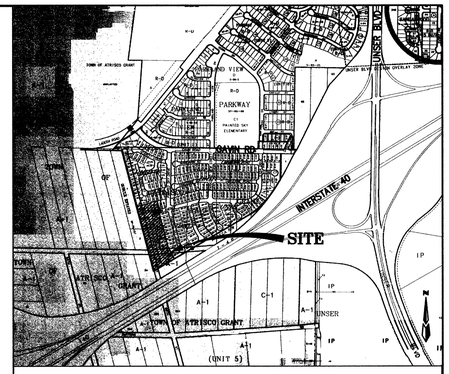
LARRY W. MEDRANO
NEW MEXICO
11993
PROFESSIONAL SURVEYOR

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2–5	PLAT
6–7	GRADING AND DRAINAGE PLAN
8	MASTER PAVING PLAN
9–10	PAVING IMPROVEMENTS
11	MASTER UTILITY PLAN
12–14	UTILITY IMPROVEMENTS
15–16	TRAFFIC CONTROL

1 2 3 4 5 6 7 8 9 10 11 12 13
2 6 6 5 8 8 . 8 5 0 3

DRB - 1000217



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 (260-1990) 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 (768-2551) 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 PAVEMENT 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) ~~TWO (2)~~ Seven (7) 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

- [x] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- [x] BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- [ ] TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- [x] 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.
- [x] 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

JAMES D. HUGHES
11674
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

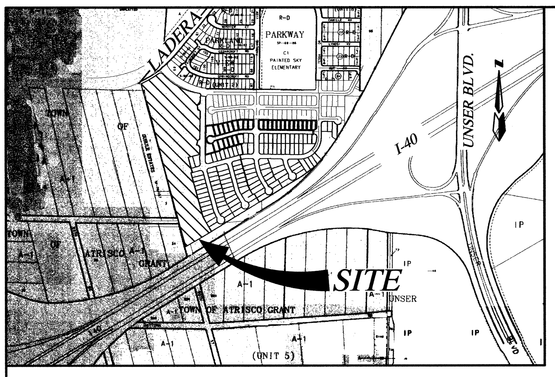
APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-4-02
TRANSPORTATION		8/27/02
WATER/WASTEWATER	Randy J. Musinski	8/27/02
HYDROLOGY	Bradley L. Bryan	8/27/02
CIP AMAFCA	Lynn M. Mayer	8-30-02
CONSTR. MNGMT.		
CONSTR. COORD.		9-4-02

APPROVED FOR CONSTRUCTION
11/20/02
CITY ENGINEER DATE

CITY PROJECT NO. 658885

SHEET 1 OF 16

f:\A02JOBS\A2025PS\PLANS\UNIT 5\COVER5.dwg, 07/24/02 11:12:43 AM, PLOTTED BY RDQ



LOCATION MAP

ZONE ATLAS J-9-Z

SCALE: NONE

SUBDIVISION DATA

Plat Case No's.	Project # 1000217 Case #
Gross acreage	13.8363 AC
Zone Atlas No.	J-9-Z
No. of existing Parcels/Tracts	1 Parcel/0 Lots
No. of Parcels/Lots created	1 Tract/ 31 Lots
No. of Parcels/Lots eliminated	1 Parcel
Miles of full width streets created	0.08
Area dedicated to the City of Albuquerque	1.0064 AC
Date of Survey	March 2, 1999
Utility Control Location System Log Number	2002211606

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 shown or indicated, and including the right of ingress and egress 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. Said owners(s) warrant that they hold among them complete and indefeasible title to the land subdivided.

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

BY: Barbara Page DATE

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO
SS
COUNTY OF BERNALILLO

This instrument was acknowledged before me on _____
By Barbara Page, President & C.E.O., Westland Development Co., Inc A New Mexico Corporation on behalf of said corporation

NOTARY PUBLIC MY COMMISSION EXPIRES

SCANNED BY
MESA REPRO

LEGAL DESCRIPTION

(SEE SHEET 2)

NOTES

(SEE SHEET 2)

PURPOSE OF PLAT

1. Subdivide Parcel Numbered "2-A-1-A of the Painted Sky Subdivision, Unit 4 into 31 residential Lots and 1 Tract.
2. Dedicate new Rights-of-way as shown hereon.
3. Grant easements as shown hereon.
4. Vacate portion of Existing Drainage Easement as shown hereon.

PLAT FOR

PAINTED SKY SUBDIVISION, UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE, 2002

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 Telecommunications 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 for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards 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 Date

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

LARRY W. MEDRANO NEW MEXICO 11993 REGISTERED PROFESSIONAL SURVEYOR

Dwg: U5COVER.dwg	Drawn: RICHARD	Checked: LWM	Sheet 1 of 5
Scale: 1:1	Date: 07/24/02	Job: A02025 (99049)	

PLAT FOR

PAINTED SKY SUBDIVISION UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE, 2002

LEGAL DESCRIPTION

A Tract of land lying and situate within Projected Section 16, Township 10 North, Range 2 East, New Mexico Principal Meridian, Town of Atrisco Grant, City of Albuquerque, Bernalillo County, New Mexico comprised of all of Parcel numbered "2-A-1-A" of the Painted Sky Subdivision, Unit 4 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 Book_____, Page_____containing 13.8363 acres, more or less.

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 1927.
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 easement 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, GF number 01994023-F(CW)11, Dated January 21, 2000. Precision Surveys, Inc. makes no statement as to the accuracy or completeness of the subject title report.
7. UPC # 1-009-058-184-175-30701
8. Unless otherwise noted all points are set ½" 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 underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical services.
2. The PNM Gas Services Division for installation, maintenance and services 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 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 free 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 National Electrical Safety Code caused by construction of pools, 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, replat or other document and which are not shown on this plat.

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

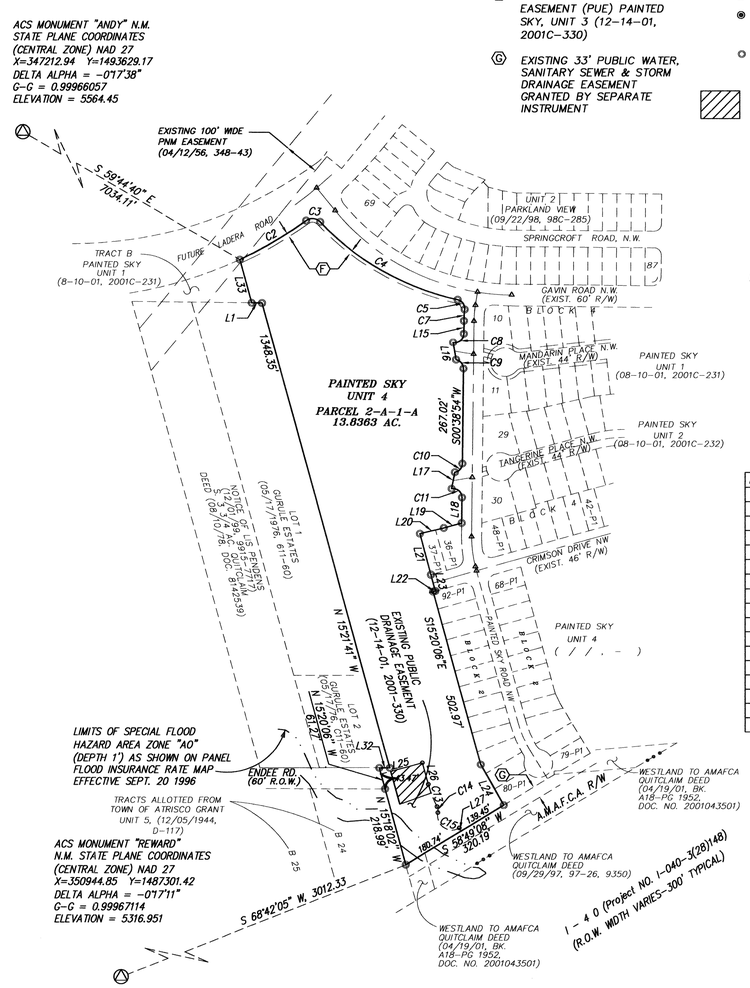
PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

LARRY W. MEDRANO NEW MEXICO 11993 REGISTERED PROFESSIONAL SURVEYOR

Dwg: U5COVER.dwg	Drawn: RICHARD	Checked: LWM	Sheet 2 of 5
Scale: 1"=200'	Date: 07/24/02	Job: A02025 (99049)	

CITY PROJECT NO. 658885 ZONE MAP NO. J-9 SHEET 2 OF 16

F:\A02JOBS\A2025PS\PAINTED SKY PLATS\UNIT 5 PLAT\U5COVER.dwg, 07/24/02 10:22:26 AM, PLOTTED BY NED



EXISTING EASEMENTS

(F) EXISTING 10' PUBLIC UTILITY EASEMENT (PUE) PAINTED SKY, UNIT 3 (12-14-01, 2001C-330)

(G) EXISTING 33' PUBLIC WATER, SANITARY SEWER & STORM DRAINAGE EASEMENT GRANTED BY SEPARATE INSTRUMENT

LEGEND

ACS CONTROL MONUMENT

DENOTES SET REBAR WITH CAP "PS 11993"

DENOTES FND REBAR WITH CAP "PS 11993"

DENOTES PORTION OF EXISTING EASEMENT VACATED WITH THIS PLAT

ABBREVIATIONS

10' PUE = PUBLIC UTILITY EASEMENTS GRANTED WITH THIS PLAT

ROW = RIGHT-OF-WAY

N

200' 100' 0 200' 400'

SCALE: 1" = 200'

LINE TABLE

NUMBER	DIRECTION	DISTANCE
L1	N 89°21'06" W	28.92'
L15	S 00°38'54" W	36.37'
L16	S 09°44'25" E	49.14'
L17	S11°17'23"W	47.02'
L18	S00°38'54"W	70.57'
L19	S74°39'54"W	51.96'
L20	S76°44'22"W	68.69'
L21	S15°20'06"E	117.05'
L22	S74°39'54"W	6.29'
L23	S15°25'38"E	46.00'
L24	S29°25'28"E	131.00'
L25	N 74°39'54" E	120.00'
L26	S 15°20'06" E	63.05'
L27	S 31°10'52" E	10.00'
L28	S 80°38'54" W	53.82'
L32	S 89°57'38" E	29.48'
L33	N 15°20'06" W	125.23'

CURVE TABLE

NUMBER	R = '	L = '	D =	T = '	CH BEARING=	CHORD LE='
C2	1153.00	215.42	10°42'18"	108.03	N 59°39'39" E	215.11
C3	30.00	43.10	82°19'06"	26.23	N 84°31'57" W	39.49
C4	746.78	447.75	34°21'11"	230.83	N 60°33'00" W	441.08
C5	25.00	36.66	84°00'26"	22.51	N 35°43'22" W	33.46
C7	328.00	32.24	05°37'57"	16.13	S 03°27'52" W	32.23
C8	25.00	43.97	100°45'53"	30.20	N 51°01'50" E	38.52
C9	25.00	35.06	80°20'54"	21.11	N 39°31'33" W	32.26
C10	25.00	34.91	80°00'00"	20.98	N 40°38'54" E	32.14
C11	25.00	43.63	100°00'00"	29.79	N 49°21'06" W	38.30
C13	323.00	67.15	11°54'43"	33.70	S 21°17'28" E	67.03
C14	25.00	17.25	39°31'36"	8.98	S 07°29'01" E	16.91
C15	40.00	93.17	133°27'39"	93.01	S 54°27'03" E	73.49

PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 856 5700

ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

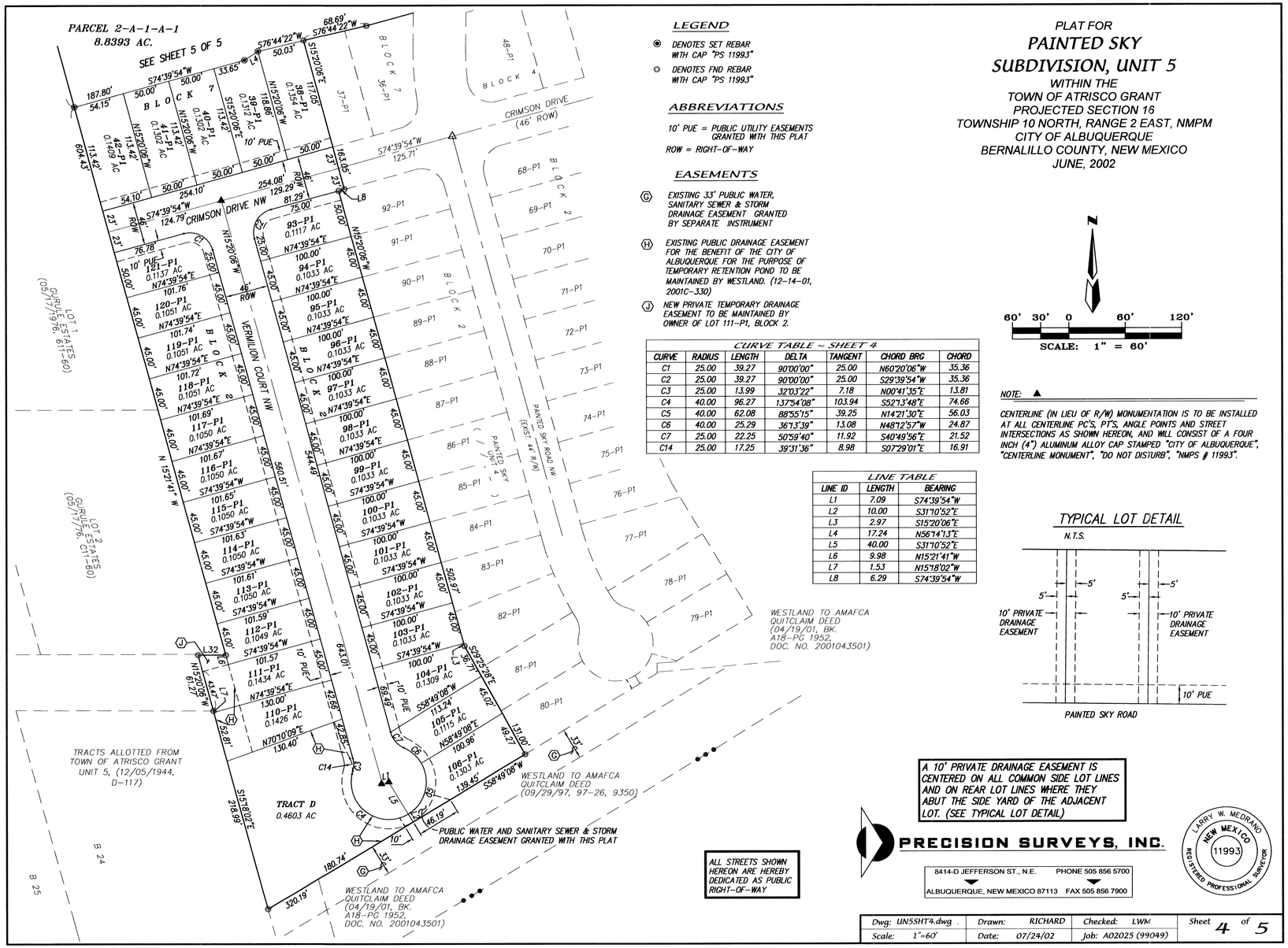
LARRY W. MEDRANO
NEW MEXICO
11993
REGISTERED PROFESSIONAL SURVEYOR

Dwg:	Drawn:	Checked: LWM	Sheet 3 of 5
Scale: 1"= 200'	Date:	Job: A02025 (99049)	

CITY PROJECT NO. 658885 ZONE MAP NO. J-9 SHEET 3 OF 16

SCANNED BY
MESA REPRO

F:\A02JOBS\A2025PS\PAINTED SKY PLATS\UNIT 5 PLAT\UN5SHT3.dwg, 07/24/02 10:28:58 AM, PLOTTED BY RDQ



LEGEND

- ◉ DENOTES SET REBAR WITH CAP "PS 11993"
- ○ DENOTES FND REBAR WITH CAP "PS 11993"

ABBREVIATIONS

10' PUE = PUBLIC UTILITY EASEMENTS GRANTED WITH THIS PLAT

ROW = RIGHT-OF-WAY

EASEMENTS

(G) EXISTING 33' PUBLIC WATER, SANITARY SEWER & STORM DRAINAGE EASEMENT GRANTED BY SEPARATE INSTRUMENT

(H) EXISTING PUBLIC DRAINAGE EASEMENT FOR THE BENEFIT OF THE CITY OF ALBUQUERQUE FOR THE PURPOSE OF TEMPORARY RETENTION POND TO BE MAINTAINED BY WESTLAND. (12-14-01, 2001C-330)

(J) NEW PRIVATE TEMPORARY DRAINAGE EASEMENT TO BE MAINTAINED BY OWNER OF LOT 111-P1, BLOCK 2.

CURVE TABLE ~ SHEET 4

CURVE	RADIUS	LENGTH	DELTA	TANGENT	CHORD BRG	CHORD
C1	25.00	39.27	90°00'00"	25.00	N60°20'06"W	35.36
C2	25.00	39.27	90°00'00"	25.00	S29°39'54"W	35.36
C3	25.00	13.99	32°03'22"	7.18	N00°41'35"E	13.81
C4	40.00	96.27	137°54'08"	103.94	S52°13'48"E	74.66
C5	40.00	62.08	88°55'15"	39.25	N14°21'30"E	56.03
C6	40.00	25.29	36°13'39"	13.08	N48°12'57"W	24.87
C7	25.00	22.25	50°59'40"	11.92	S40°49'56"E	21.52
C14	25.00	17.25	39°31'36"	8.98	S07°29'01"E	16.91

LINE TABLE

LINE ID	LENGTH	BEARING
L1	7.09	S74°39'54"W
L2	10.00	S31°10'52"E
L3	2.97	S15°20'06"E
L4	17.24	N56°14'13"E
L5	40.00	S31°10'52"E
L6	9.98	N15°21'41"W
L7	1.53	N15°18'02"W
L8	6.29	S74°39'54"W

PLAT FOR

PAINTED SKY SUBDIVISION, UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE, 2002

N

60' 30' 0 60' 120'

SCALE: 1" = 60'

NOTE: ▲

CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED AT ALL CENTERLINE PC'S, PT'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", "NMPS # 11993".

TYPICAL LOT DETAIL

N.T.S.

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. (SEE TYPICAL LOT DETAIL)

ALL STREETS SHOWN HEREON ARE HEREBY DEDICATED AS PUBLIC RIGHT-OF-WAY.

PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

LARRY W. MEDRANO
NEW MEXICO
11993
REGISTERED PROFESSIONAL SURVEYOR

Dwg: UN5SHT4.dwg	Drawn: RICHARD	Checked: LWM	Sheet 4 of 5
Scale: 1"=60'	Date: 07/24/02	Job: A02025 (99049)	

CITY PROJECT NO. 658885 ZONE MAP NO. J-9 SHEET 4 OF 16

SCANNED BY MESA REPRO

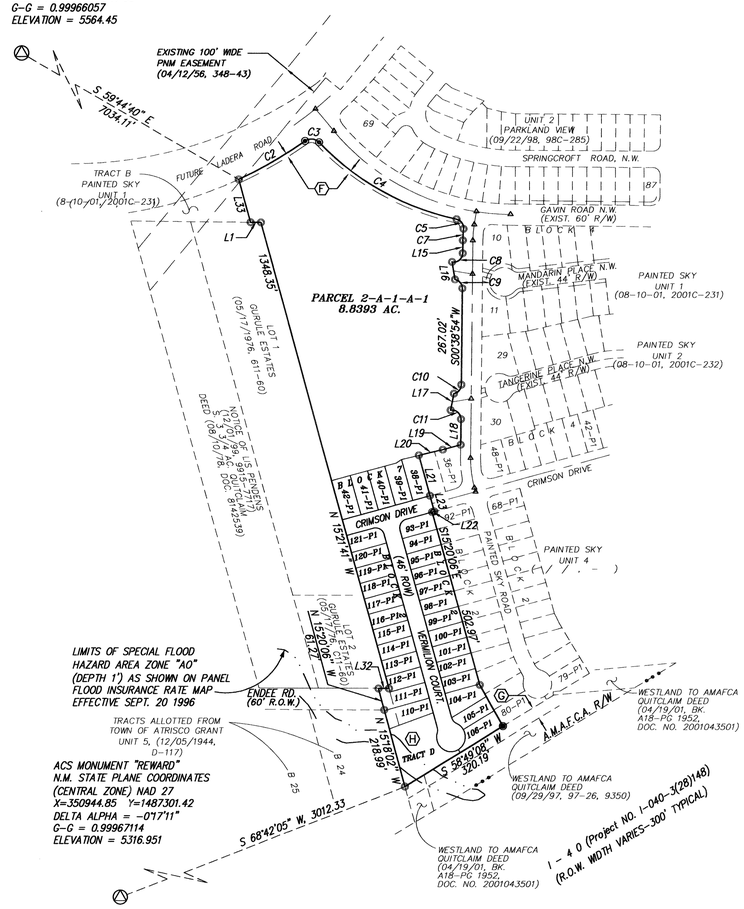
F:\A02JOBS\A2025PS\PAINTED SKY PLATS\UNIT 5 PLAT\UN5SHT4.dwg, 07/24/02 10:31:13 AM, PLOTTED BY RDQ

PLAT FOR

PAINTED SKY SUBDIVISION, UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE, 2002

ACS MONUMENT "ANDY" N.M.
STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=347212.94 Y=1493629.17
DELTA ALPHA = -0°17'38"
G-G = 0.99966057
ELEVATION = 5564.45



LEGEND

ACS CONTROL MONUMENT

DENOTES SET REBAR WITH CAP "PS 11993"

DENOTES FND REBAR WITH CAP "PS 11993"

ABBREVIATIONS

10' PUE = PUBLIC UTILITY EASEMENTS GRANTED WITH THIS PLAT

ROW = RIGHT-OF-WAY

N

200' 100' 0 200' 400'

SCALE: 1" = 200'

LINE TABLE

NUMBER	DIRECTION	DISTANCE
L1	N 89°21'06" W	28.92'
L15	S 00°38'54" W	36.37
L16	S 09°44'25" E	49.14
L17	S 11°17'23" W	47.02
L18	S 00°38'54" W	70.57
L19	S 74°39'54" W	51.96
L20	S 76°44'22" W	68.69
L21	S 15°20'06" E	117.05
L22	S 74°39'54" W	6.29
L23	S 15°25'38" E	46.00'
L24	S 29°25'28" E	131.00'
L25	N 74°39'54" E	120.00'
L26	S 15°20'06" E	63.05'
L27	S 31°10'52" E	10.00'
L28	S 80°38'54" W	53.82'
L32	S 89°57'38" E	29.48'
L33	N 15°20'06" W	125.23'

CURVE TABLE

NUMBER	R = '	L = '	D =	T = '	CH BEARING=	CHORD LE='
C2	1153.00	215.42	10°42'18"	108.03	N 59°39'39" E	215.11
C3	30.00	43.10	82°19'06"	26.23	N 84°31'57" W	39.49
C4	746.78	447.75	34°21'11"	230.83	N 60°33'00" W	441.08
C5	25.00	36.66	84°00'26"	22.51	N 35°43'22" W	33.46
C7	328.00	32.24	05°37'57"	16.13	S 03°27'52" W	32.23
C8	25.00	43.97	100°45'53"	30.20	N 51°01'50" E	38.52
C9	25.00	35.06	80°20'54"	21.11	N 39°31'33" W	32.26
C10	25.00	34.91	80°00'00"	20.98	N 40°38'54" E	32.14
C11	25.00	43.63	100°00'00"	29.79	N 49°21'06" W	38.30
C13	323.00	67.15	11°54'43"	33.70	S 21°17'28" E	67.03
C14	25.00	17.25	39°31'36"	8.98	S 07°29'01" E	16.91
C15	40.00	93.17	133°27'39"	93.01	S 54°27'03" E	73.49

EXISTING EASEMENTS

(F) EXISTING 10' PUBLIC UTILITY EASEMENT (PUE) PAINTED SKY, UNIT 3 (12-14-01, 2001C-330)

(G) EXISTING 33' PUBLIC WATER, SANITARY SEWER & STORM DRAINAGE EASEMENT GRANTED BY SEPARATE INSTRUMENT

(H) EXISTING PUBLIC DRAINAGE EASEMENT FOR THE BENEFIT OF THE CITY OF ALBUQUERQUE FOR THE PURPOSE OF TEMPORARY RETENTION POND TO BE MAINTAINED BY WESTLAND. (12-14-01, 2001C-330)

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

LARRY W. MEDRANO
NEW MEXICO
11993
REGISTERED PROFESSIONAL SURVEYOR

Dwg: UN5SHT5.dwg	Drawn: RICHARD	Checked: LWM	Sheet 5 of 5
Scale: 1"=200'	Date: 07/24/02	Job: A02025 (99049)	

CITY PROJECT NO. 658885 ZONE MAP NO. J-9 SHEET 5 OF 16

SCANNED BY MESA REPRO
I:\A02JOBS\A2025PS\PAINTED SKY PLATS\UNIT 5 PLAT\UN5SHT5.dwg, 07/24/02 10:34:27 AM, PLOTTED BY RDQ

AS BUILT INFORMATION

CONTRACTOR MELENDEZ CONC.
WORK STAKED BY PRECISION SURVEYS DATE 2-26-02
WORK INSPECTED BY [illegible] DATE 2-26-02
ACCEPTANCE BY [illegible] DATE 4/03
FIELD VERIFICATION BY PRECISION SURVEYS DATE 4/03
DRAWINGS CORRECTED BY PRECISION SURVEYS DATE 4/03

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS

STATION "REMARD" 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 NOLASCO RD. ON RT. (98TH ST. ON L.I.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-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 USC&GS BRASS TABLET STAMPED "REMARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.
X = 350,944.85 Y = 1,487,301.42 ELEV. = 5316.951 (SLD 1929)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

4-16-02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	JCH	6/00
DRAWN BY	KJS	6/00
CHECKED BY	DMG	6/00

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

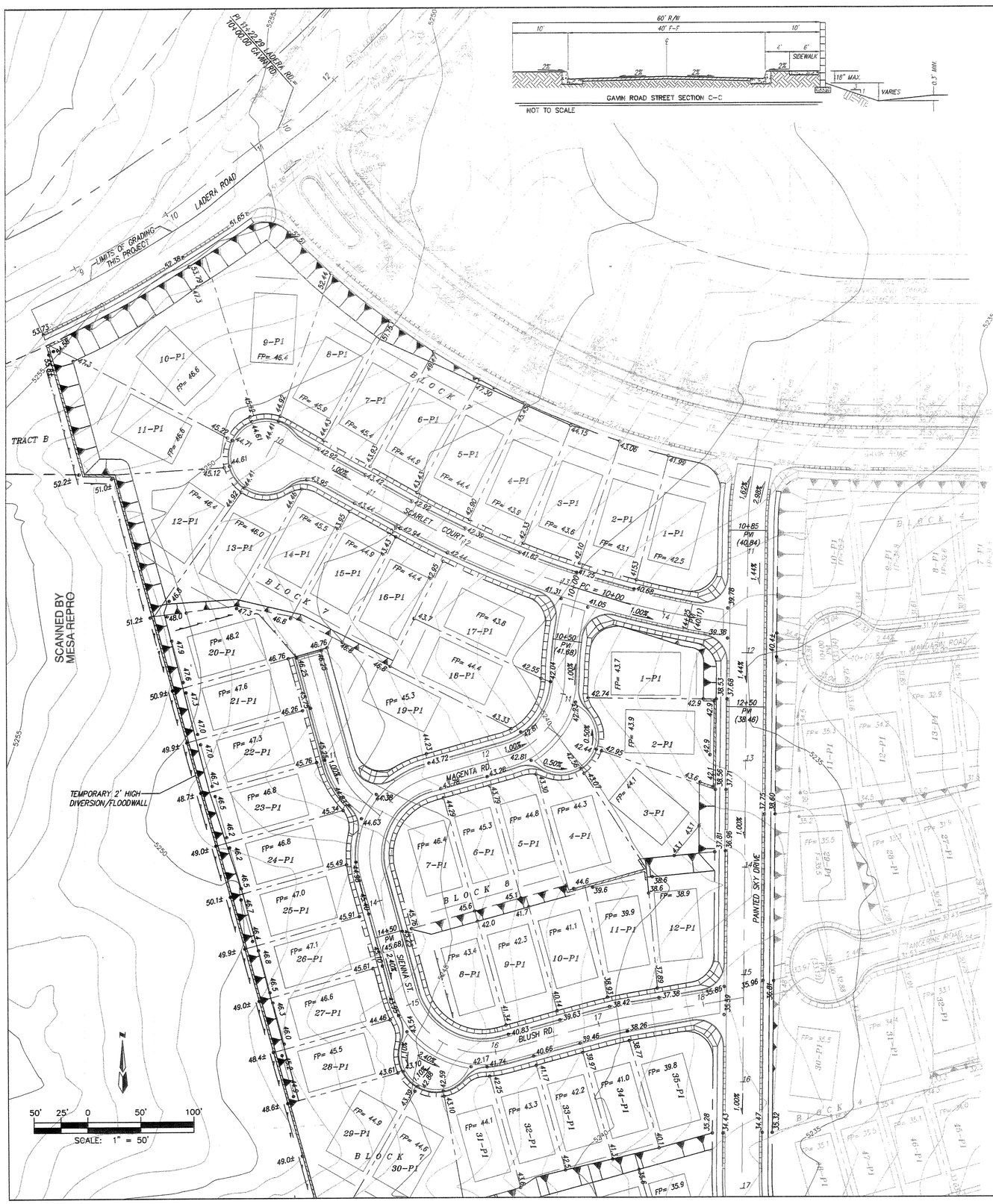
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PAINTED SKY SUBDIVISION - UNIT 4, 5 & 6
AMENDED GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
For Information Only				

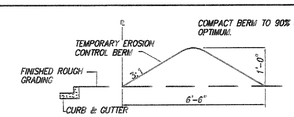
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658888	J-9	6	16

F:\A2025PS\A2025TG502-A.dwg, 04/16/02 11:12:09 AM, DWGTIFF.F\F RDQ



GAVIN ROAD STREET SECTION C-C

NOT TO SCALE

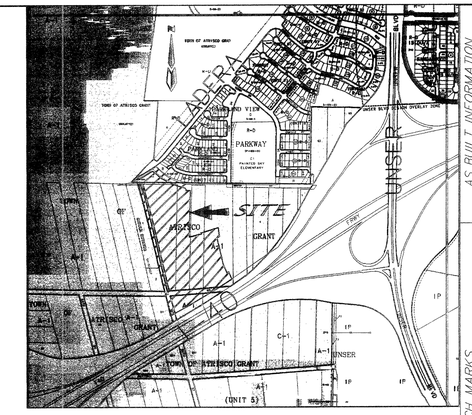


EROSION CONTROL BERM DETAIL

N.T.S.

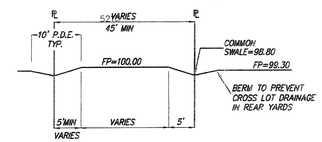
EROSION CONTROL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL 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 WETTING 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 CONTACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
6. ALL STREET ELEVATIONS SHOWN ARE FINISHED FLOWLINE ELEVATIONS.



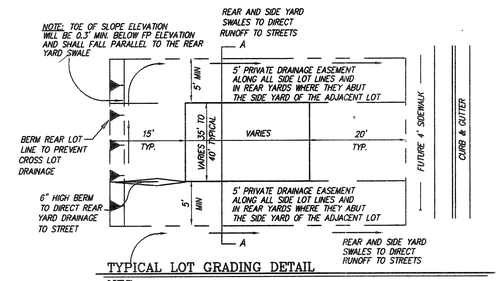
VICINITY MAP ZONE MAP: J-9

NOT TO SCALE



SECTION A-A

NTS



TYPICAL LOT GRADING DETAIL

NTS

LEGEND

	NEW RETAINING WALL	5135	EXISTING CONTOUR
	NEW GARDEN		TRACT/LOT BOUNDARY
21.01 TW 18.31 BW	TOP OF WALL / BOTTOM OF WALL		RIGHT OF WAY
			EASEMENTS
FP= 30.38	FINISHED PAD ELEVATION	W	PROPOSED WATERLINE
	MOUNTABLE CURB & GUTTER		PROPOSED STORM DRAIN LINE
	STANDARD 8" CURB & GUTTER	SAS	PROPOSED SANITARY SEWER
28.53 ∘	PROPOSED SPOT ELEVATION		CENTERLINE OF ROAD
	3:1 SLOPE		4' DEFERRED SIDEWALK
	PROPOSED DRAINAGE BASIN		PROPOSED SWALE
	NEW FIRE HYDRANT	28.53± 5256.45	EXISTING SPOT ELEVATIONS
	NEW MH		POINT OF DISCHARGE FOR PRIVATE LOTS
20	LOT 20		
	GATE VALVE	40' STREET @ 1.0% Q_{100} 41.84cfs V_{100} 3.7fps	CAPACITY CALCS.
	TEE		
	BEND		
	NEW 2:1 SLOPE WITH GRAVEL	LOT 6 MASTER PLAN AREA= 5.31 AC. Q Allowable= 8.85cfs	BASIN FLOW CALCS.

SIDEWALK TO BE CONSTRUCTED 0.33' ABOVE TOP OF CURB. ASBUILT CERTIFICATION REQUIRED FOR RELEASE OF FINANCIAL GUARANTEES.

AS BUILT INFORMATION
CONTRACTOR MENDEZ, CONC.
WORK STAKED BY PRECISION SURVEY DATE 2-03
INSPECTOR'S ACCEPTANCE BY Art Fredrick DATE
FIELD VERIFICATION BY PRECISION SURV. DATE 4/03
DRAWINGS CORRECTED BY PRECISION SURV. DATE 4/03
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "REWARD"
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X = 350944.85 Y = 1487301.42
DELTA ALPHA = -01°17'11"
G-G = 0.99967114
ELEVATION = 5316.951

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
4-16-02

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	JDH	09/00
DRAWN BY	KJS, ACH	09/00
CHECKED BY	DMG	09/00

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 UNITS 4, 5 & 6 AMENDED GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE: For Information Only

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 658885 | ZONE MAP NO. J-9 | SHEET 7 OF 16

A2025PS/A2025GD501.DWG/04-16-02 /RDQ

F:\A02JOBS\A2025\S\A2025gd501.dwg, 04/16/02 11:11:39 AM, 1:1=1UPD BY RDQ

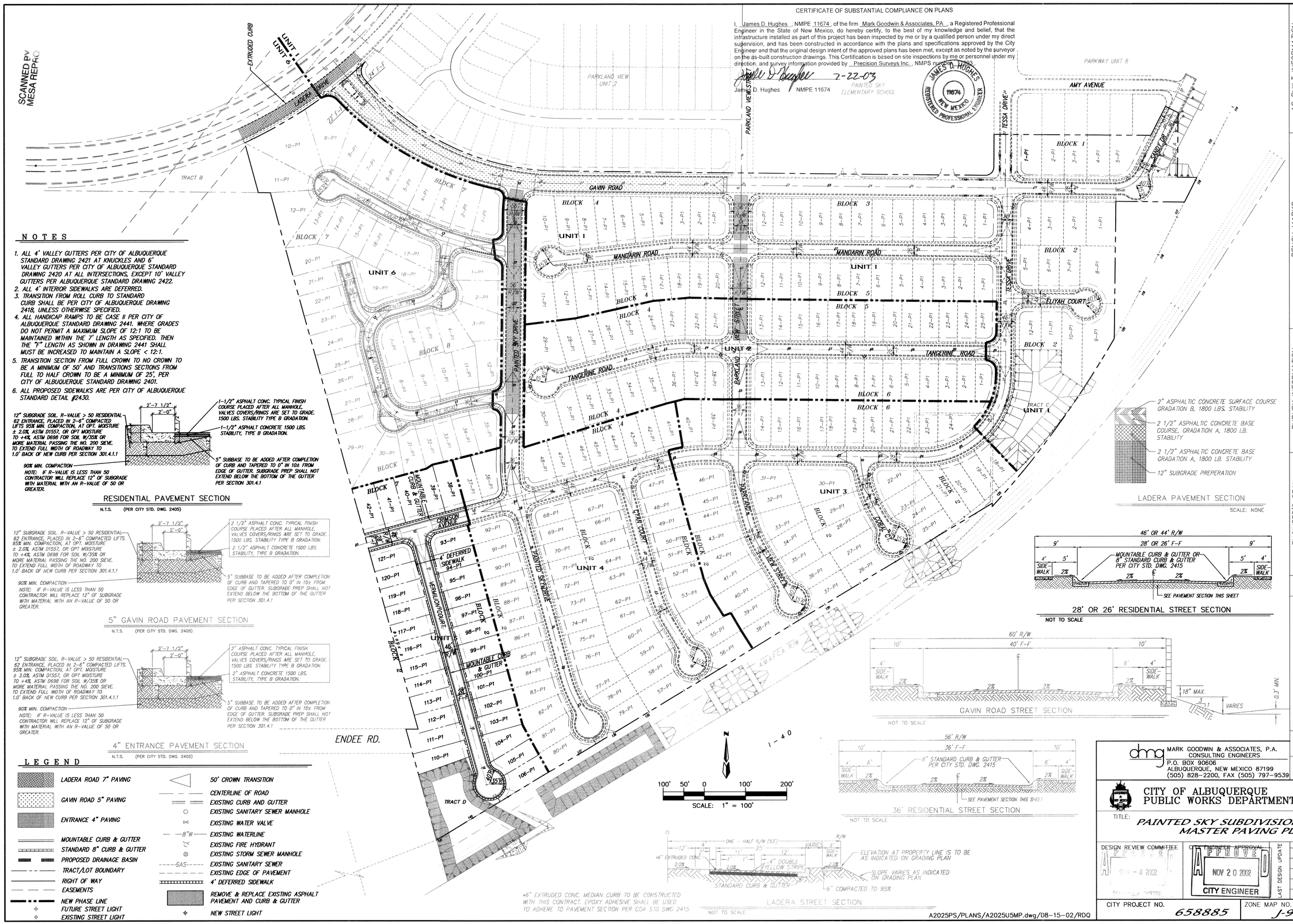
SCANNED BY MESA REPRO

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by the surveyor on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Precision Surveys Inc., NMPS number 11674.

James D. Hughes NMPE 11674 — 7-22-03

JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER



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 HANDICAP RAMPS TO BE CASE II 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 "F" 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 TRANSITIONS 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 STD. DWG. 2405)

4" ENTRANCE PAVEMENT SECTION

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

LEGEND

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

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

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

A2025PS/PLANS/A2025U5MP.dwg/08-15-02/RDQ

AS BUILT INFORMATION

CONTRACTOR	MELENDEZ CONC.
WORK STAKED BY	PRECISION SURVEYS DATE 2-10-03
AS-BUILT REVIEW ACCEPTANCE BY	A. Aliaga DATE 2-24-03
FIELD VERIFICATION BY	PRECISION SURV DATE 4/03
DRAWINGS CORRECTED BY	PRECISION SURV DATE 4/03
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

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 NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 69 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND. Y= 350,944.85 X= 1,487,301.42 (NAD 1927) ELEV. = 5316.851 (NGVD)	M. Stickler

SURVEY INFORMATION

NO.	BY	DATE
	FIELD NOTES	

ENGINEER'S SEAL

JAMES D. HUGHES — NEW MEXICO REGISTERED PROFESSIONAL ENGINEER — 7-15-03

NO.	DATE	REMARKS	BY	DATE
		REVISIONS		
		DESIGN		

DESIGNED BY	JDH	DATE 07/02
DRAWN BY	ACH/RDQ	DATE 07/02
CHECKED BY	DMG	DATE 08/02

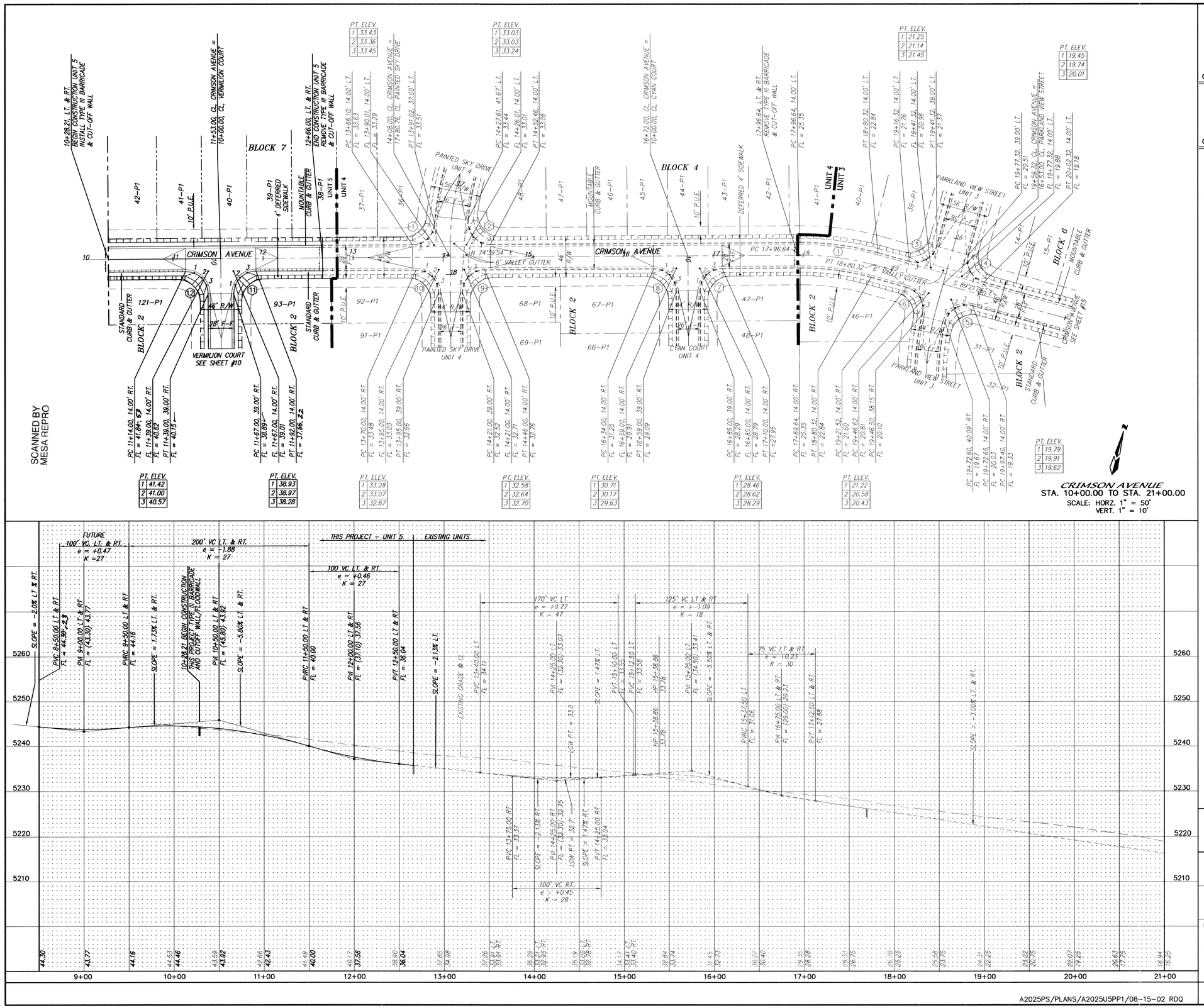
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: PAINTED SKY SUBDIVISION - UNIT 5
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
SEP - 4 2002	APPROVED NOV 20 2002 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658885	J-9	8	16



SCANNED BY
MESA REPRO

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES CENTERLINE

(1) Δ = 15°59'00"
R = 300.00'
T = 42.12'
L = 83.69'

CURVE DATA – DESCRIBES FACE OF NEW CURB

(1) Δ = 85°24'43"	(2) Δ = 96°07'42"	(3) Δ = 90°00'00"
R = 25.00'	R = 25.00'	R = 25.00'
T = 23.07'	T = 27.83'	T = 25.00'
L = 37.27'	L = 41.94'	L = 39.27'
(4) Δ = 90°00'01"	(5) Δ = 92°30'03"	(6) Δ = 88°03'42"
R = 25.00'	R = 25.00'	R = 25.00'
T = 25.00'	T = 26.12'	T = 24.17'
L = 39.27'	L = 40.36'	L = 38.42'
(7) Δ = 90°00'00"	(8) Δ = 90°00'00"	(9) 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'
(10) Δ = 90°00'00"	(11) Δ = 90°00'00"	(12) 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'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by the surveyor on the as-built construction drawings. This Certification is based on the information provided by me or personnel under my direction, and supplemented by information provided by _Thompson Surveying Inc._ Witness my hand and seal this _7_ day of _November_, _1999_.

James D. Hughes NMPE 11674

REGISTERED PROFESSIONAL ENGINEER 11674 JAMES D. HUGHES NEW MEXICO

LEGEND

PHASE LINE

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

TITLE: PAINTED SKY SUBDIVISION - UNIT 5
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APR - 4 2002 REVIEW COMMITTEE	APPROVED NOV 20 2002 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658885	J-9	9	16

AS BUILT INFORMATION

		DATE
CONTRACTOR	MELENDEZ CONC.	
WORK STAKED BY	PRECISION SURVEYS	2-03
ACCEPTANCE BY	~~City Project~~	1-03
FIELD VERIFICATION BY	PRECISION SURV	4/03
DRAWINGS CORRECTED BY	PRECISION SURV	4/03
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

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 NOLASCO RD. ON RT. (98TH. ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.9 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #94 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.
X= 350,944.85 Y= 1,487,301.42 (NAD 1927) ELEV.= 5316.851 (NGVD 1929)

M. Stickler

SURVEY INFORMATION

NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER 11674 JAMES D. HUGHES NEW MEXICO
6-15-02

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGN		
DESIGNED BY	JDH	07/02
DRAWN BY	NHM/RDQ	07/02
CHECKED BY	DMG	08/02

F:\A02JOBS\A2025PS\PLANS\UNIT 5\A2025U5PP1.dwg, 08/15/02 01:47:01 PM, MARK GOODWIN & ASSOCIATES, PLOTTED BY: RDQ

VERMILION COURT
STA. 10+00.00 TO STA. 16+44.85
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

A2025PS/PLANS/9049U5PP9/07–24–02 RDQ

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES CENTERLINE

①

CURVE DATA – DESCRIBES FACE OF NEW CURB

① Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'
② Δ = 57°52'12" R = 25.00' T = 13.82' L = 25.25'
③ Δ = 277°40'53" R = 35.00' T = 30.60' L = 169.63'
④ Δ = 39°48'41" R = 25.00' T = 9.05' L = 17.37'
⑤ Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'

AS BUILT INFORMATION

CONTRACTOR	MELASHOZ CONC.	
WORK STAKED BY	PRECISION SURVEYS	DATE 2003
WORK CHECKED BY		DATE
ACCEPTANCE BY		
FIELD VERIFICATION BY	PRECISION SURV.	DATE 4/03
DRAWINGS CORRECTED BY	PRECISION SURV.	DATE 4/03

BENCH MARKS

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 NOLASCO RD. ON RT. (98TH ST. ON LT.). THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I–40, 1.0 MI. TO TRACK RD. LEFT (SW). THEN TAKE TRACK ROAD 0.1 MI. TO PI ON #94 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.
Y= 350,944.85 Y= 1,487,301.42 (NAD 1927) ELEV. = 5316.65) (NGVD 1929)

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm, Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify to the Public Service Company of New Mexico that the public infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by the surveyor on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and construction drawings provided by Precision Surveys Inc., NMPE 11674 dated 4/03.

James D. Hughes NMPE 11674

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN		DATE
DESIGNED BY	JDH	11/00
DRAWN BY	NHM	11/00
CHECKED BY	DMG	11/00

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

TITLE: PAINTED SKY SUBDIVISION - UNIT 5 PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
5-30-4 2002 REVIEW COMMITTEE	APPROVED NOV 20 2002 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658885	J-9	10	16

SCANNED BY MESA REPRO
F:\A02JOBS\A2025PS\PLANS\UNIT 5\A2025USPP9.dwg, 08/15/02 01:47:51 PM, MARK GOODWIN & ASSOCIATES, PLOTTED BY: RDQ

SCANNED BY MESA REPRO

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
- 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
- EXISTING STORM SEWER MANHOLE
- SAS EXISTING SANITARY SEWER
- EXISTING EDGE OF PAVEMENT
- 4' DEFERRED SIDEWALK
- SEED & GRAVEL MULCH (TEMPORARY)
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- PHASE LINE
- NEW STREET LIGHT
- EXISTING STREET LIGHT
- (8309) NEW LOT ADDRESS
- (12) MH #

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.
3. ALL New Water and SAS Lines ARE P.V.C. Pipe

WATER SHUT-OFF NOTES

1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, ~~FIVE (5)~~ Seven (7) DAYS PRIOR TO NECESSARY SHUT-OFF.
2. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.
3. NON-PRESSURE CONNECTIONS ARE TO BE MADE TO THE EXISTING 6" WATER STUBS IN CRIMSON AVENUE AND A.M.A.F.C.A. RIGHT-OF-WAY.
4. Shut off valves 'A' and 'B' for emergency.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by the surveyor on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Precision Surveys Inc., NMPS number 11993.

James D. Hughes 7-22-03

James D. Hughes NMPE 11674

JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

N

SCALE: 1" = 100'

A2025PS/PLANS/UNIT5/A2025U5MU.dwg/07-25-02/RDQ

AS BUILT INFORMATION

CONTRACTOR MELENDEZ CONSTRUCTION

WORK STAKED BY PRECISION SURVEYS DATE 2-03

AS-BUILTS BY DATE

ACCEPTANCE BY

FIELD VERIFICATION BY PRECISION SURVEYS DATE 4/03

DRAWINGS CORRECTED BY PRECISION SURVEYS DATE 4/03

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

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 NOLASCO RD. ON RT. (98TH ST. ON L.I.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #94 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1993", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.

X= 350,944.85, Y= 1,487,301.42 (NAD 1927) ELEV.= 5316.951 (NGVD 1929)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 7-15-03

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY	JDH	DATE 07/02
DRAWN BY	ACH/RDQ	DATE 07/02
CHECKED BY	DMG	DATE 08/02

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

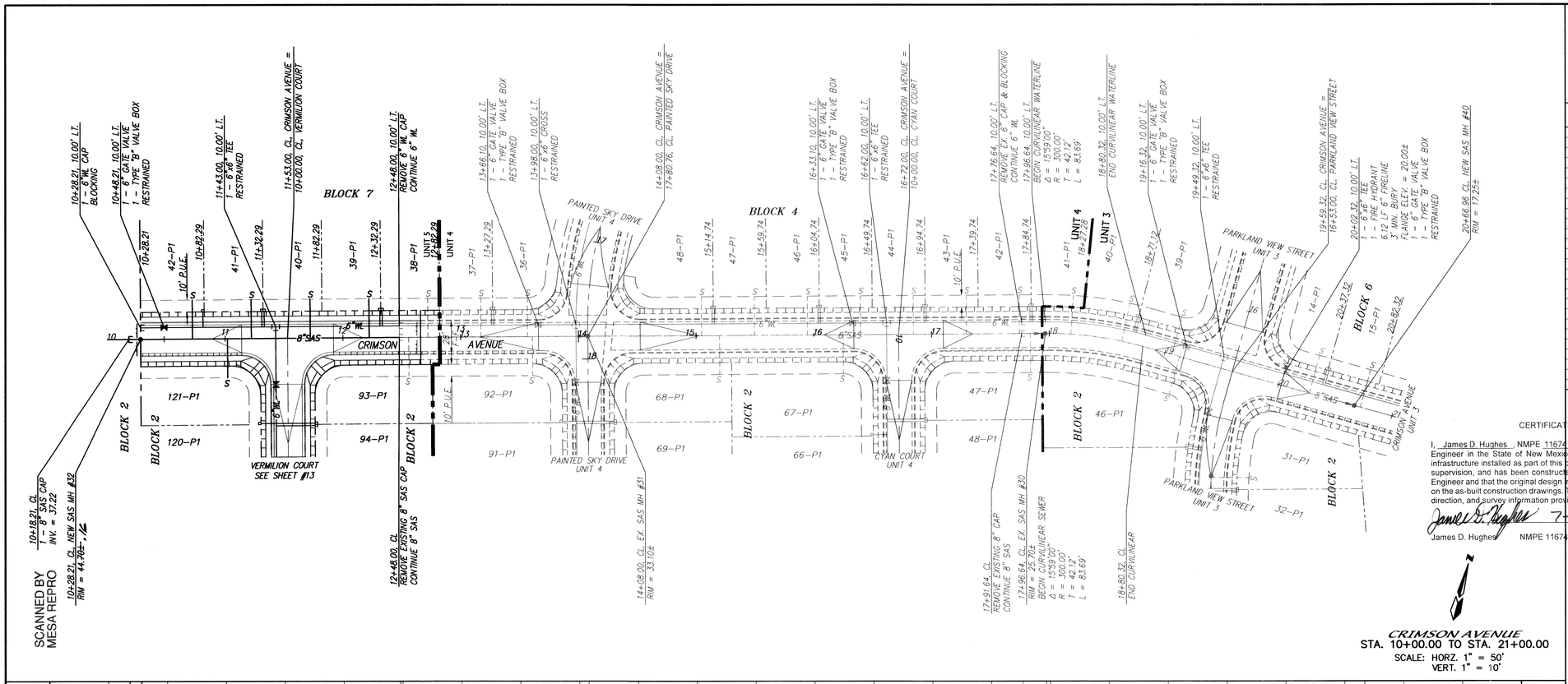
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: PAINTED SKY SUBDIVISION - UNIT 5
MASTER UTILITY PLAN

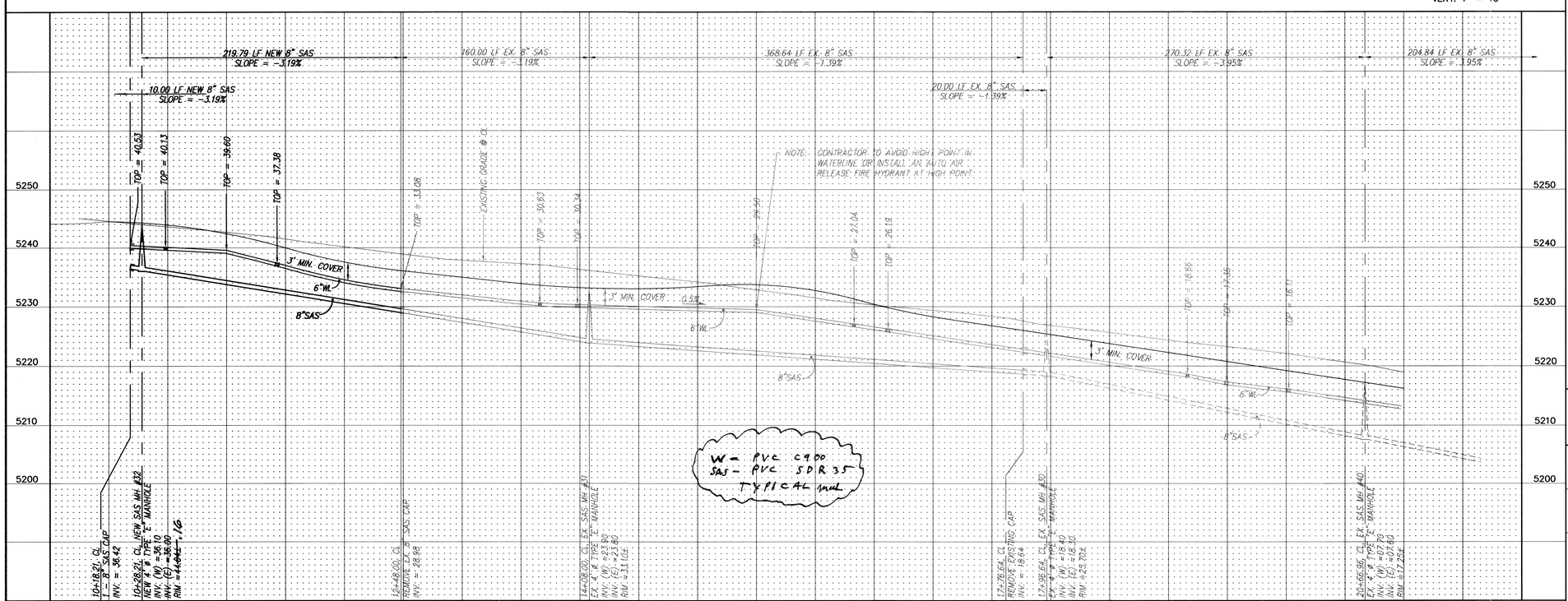
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
	APPROVED NOV 20 2002 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658885	J-9	11	16

F:\A02JOBS\A2025PS\PLANS\UNIT 5\A2025U5MU.dwg, 07/26/02 10:50:10 AM, PLOTTED BY RDQ



CRIMSON AVENUE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 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	42–P1	10+72.29	37.22	33.00'
7	41–P1	11+22.29	35.32	33.00'
7	40–P1	11+72.29	32.64	33.00'
7	39–P1	12+22.29	30.62	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	11+02.00	36.20	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'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by the surveyor on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Precision Surveys Inc., NMPS number 11993.

James D. Hughes 7-22-03
James D. Hughes NMPE 11674

JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

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

AS BUILT INFORMATION
CONTRACTOR MELENDEZ CONS.
WORK STAKED BY PRECISION SURVEYS DATE 2003
AS-BUILTS CHECKED BY DATE
ACCEPTANCE BY
FIELD VERIFICATION BY PRECISION SURV DATE 4/03
DRAWINGS CORRECTED BY PRECISION SURV DATE 4/03
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
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 NOLASCO RD. ON RT. (98TH ST. ON L.I.). THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW). THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #94 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.
X= 350,944.85 Y= 1,487,301.42 (NAD 1927) ELEV.= 5,316.851 (NGVD 1929)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 7-25-03

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN		
DESIGNED BY	JDH	07/02
DRAWN BY	NHM/RDQ	07/02
CHECKED BY	DMG	08/02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

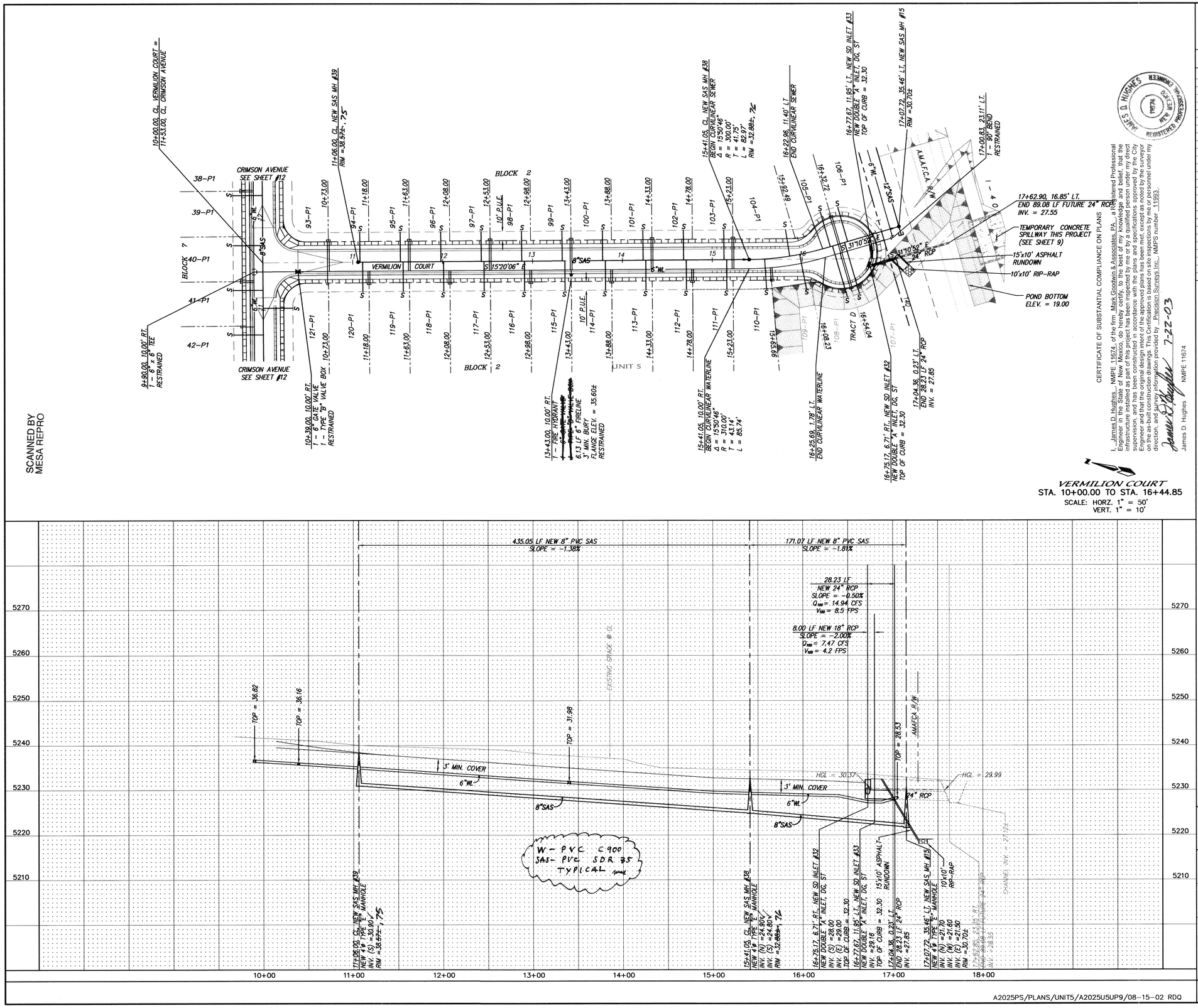
TITLE: PAINTED SKY SUBDIVISION - UNIT 5 UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: SEP - 4 2002 REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED NOV 20 2002 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 658885 | ZONE MAP NO. J-9 | SHEET 12 OF 16

A2025PS/PLANS/UNIT5/A2025U5UP1/ 07-25-02 RDQ

F:\A02JOBS\A2025PS\PLANS\UNIT 5\A2025U5UP1.dwg, 08/15/02 01:50:36 PM, MARK GOODWIN & ASSOCIATES; PLOTTED BY: RDQ



SCANNED BY
MESA REPRO

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the improvements shown on this set of "As-Built" construction plans were constructed under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by the surveyor on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Precision Surveys Inc. NMPS number 11993.

James D. Hughes NMPE 11674

7-22-03

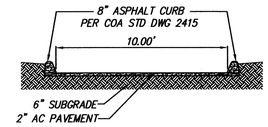
VERMILION COURT
STA. 10+00.00 TO STA. 16+44.85
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
2	94–P1	11+06.00	33.00	33.00'
2	95–P1	11+53.00	32.40	33.00'
2	96–P1	11+98.00	31.80	33.00'
2	97–P1	12+43.00	31.20	33.00'
2	98–P1	12+88.00	30.50	33.00'
2	99–P1	13+33.00	29.90	33.00'
2	100–P1	13+78.00	29.30	33.00'
2	101–P1	14+23.00	28.60	33.00'
2	102–P1	14+68.00	28.00	33.00'
2	103–P1	15+13.00	27.90	33.00'
2	104–P1	15+81.60	27.40	30.00'
2	105–P1	16+20.61	27.10	39.50'
2	106–P1	16+39.92	26.90	39.20
2	107–P1	16+63.37	26.20	59.10'
2	108–P1	16+49.91	26.40	59.10'
2	109–P1	16+04.58	26.70	39.00
2	110–P1	15+60.20	26.90	33.50'
2	111–P1	15+16.00	27.10	33.00'
2	112–P1	14+71.00	27.2	33.00'
2	113–P1	14+26.00	27.80	33.00'
2	114–P1	13+81.00	28.40	33.00'
2	115–P1	13+36.00	29.10	33.00'
2	116–P1	12+91.00	29.70	33.00'
2	117–P1	12+46.00	30.30	33.00'
2	118–P1	12+01.00	31.00	33.00'
2	119–P1	11+56.00	31.60	33.00'
2	120–P1	11+11.00	32.20	33.00'



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'

AS BUILT INFORMATION

BENCH MARKS

STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN.
ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 02 WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #98 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.
Y= 350,944.85 X= 1,487,301.42 (NAD 1927) ELEV.= 5316.951 (NGVD 1929)

CONTRACTOR MELENDEZ CONC.
WORK STAKED BY PRECISION SURVEYS DATE 2/03
AS-BUILTS BY DATE
ACCEPTANCE BY
FIELD VERIFICATION BY PRECISION SURV. DATE 4/03
DRAWINGS CORRECTED BY PRECISION SURV. DATE 5/03
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN		
DESIGNED BY	JDH	11/00
DRAWN BY	NHM	11/00
CHECKED BY	DMG	11/00

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

TITLE: PAINTED SKY SUBDIVISION - UNIT 5
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED SEP - 4 2002 DESIGN REVIEW COMMITTEE

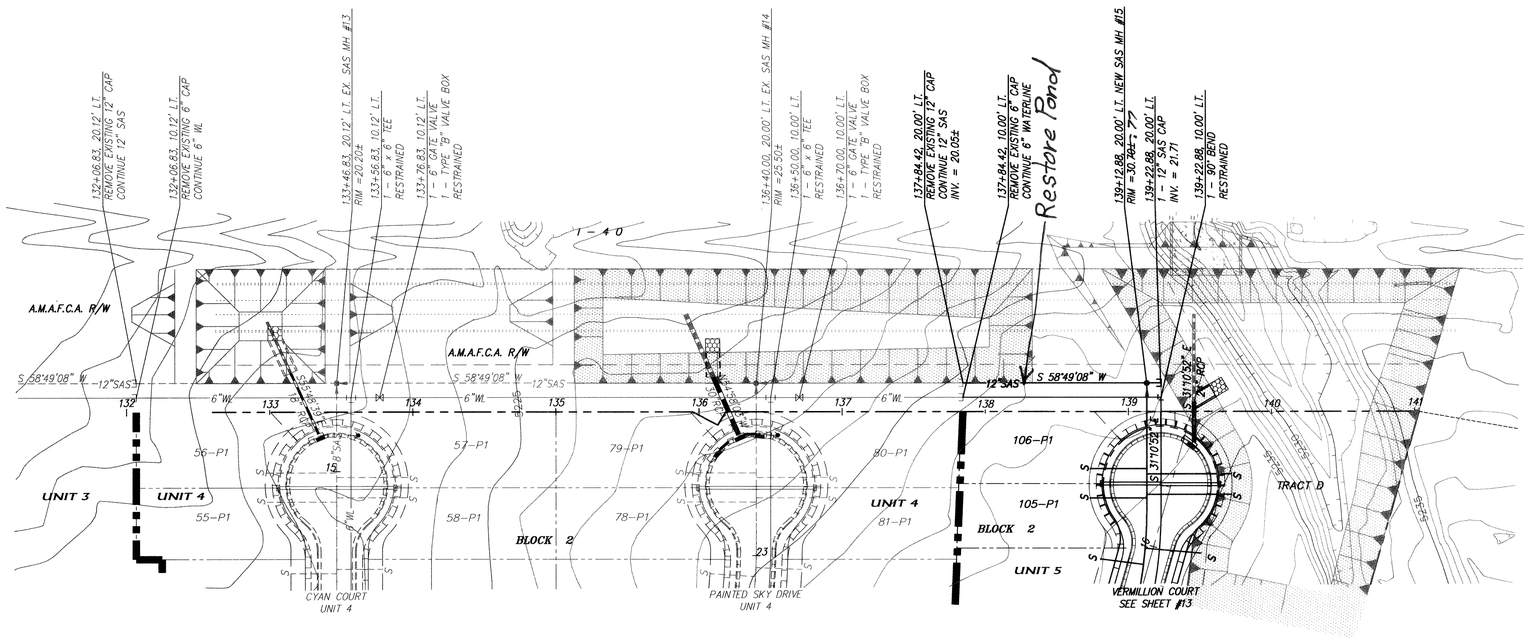
CITY ENGINEER APPROVAL: APPROVED NOV 20 2002 CITY ENGINEER

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658885	J-9	13	16

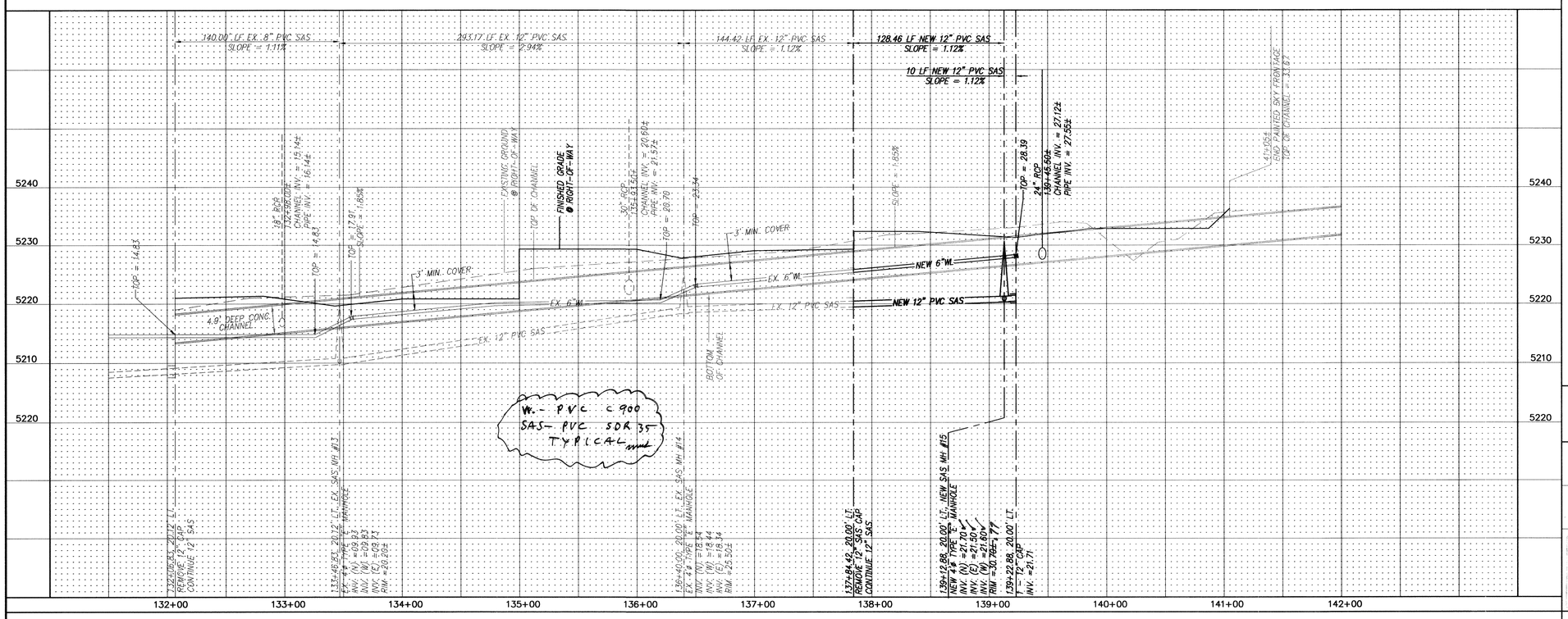
A2025PS/PLANS/UNIT5/A2025U5UP9/08-15-02 RDQ

F:\A02JOBS\A2025PS\PLANS\UNIT 5\A2025U5UP9.dwg, 08/15/02 02:19:13 PM, MARK GOODWIN & ASSOCIATES, PLOTTED BY: RDQ



SCANNED BY MESA REPRO

OFFSITE UTILITIES
STA. 132+96.02 TO STA. 141+08.78
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A2025PS/UNIT 5 PLANS/9049U5UP16/8-12-02 NHM RDQ

NOTES

1. BASELINE FOR STATIONING IS SOUTH PROPERTY LINE.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by the surveyor on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direct, and survey information provided by Precision Surveys Inc., NMPS number 11993.

7-22-03

James D. Hughes NMPE 11674

JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

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 5
OFFSITE UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP - 4 2002 DESIGN REVIEW COMMITTEE	APPROVED NOV 20 2002 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658885	J-9	14	16

AS BUILT INFORMATION

CONTRACTOR MESELUDEZ CONS. INC.
WORK STAKED BY PRECISION SURVEYS DATE 2003
FIELD VERIFICATION BY DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY PRECISION SURV. DATE 4/03
DRAWINGS CORRECTED BY PRECISION SURV. DATE 4/03
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

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 NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #EW 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND.
X= 350,944.85 Y= 1,487,301.42 (NAD 1927) ELEV.= 5316.851 (NGVD 1929)

SURVEY INFORMATION

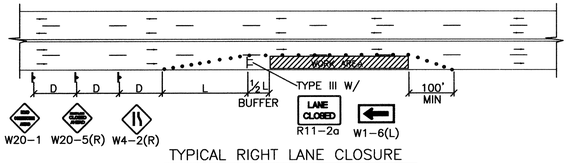
FIELD NOTES		
NO.	BY	DATE

NO.	DATE	REMARKS	BY
		REVISIONS	

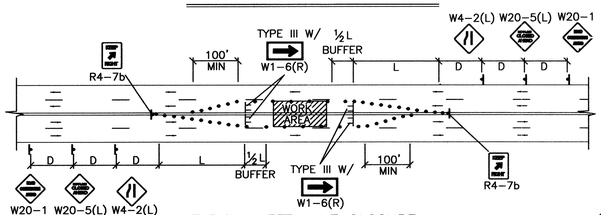
		DATE
DESIGNED BY	JDH	12/00
DRAWN BY	NHM	12/00
CHECKED BY	DMG	12/00

ENGINEER'S SEAL: JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

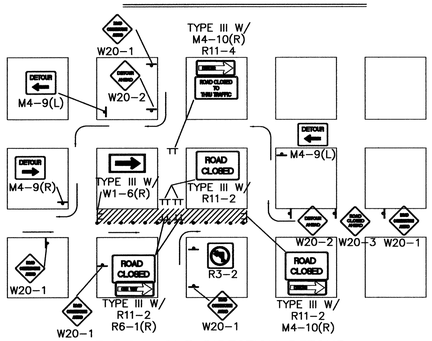
F:\A02JOBS\A2025PS\PLANS\UNIT 5\A2025U5UP16.dwg, 08/15/02 01:55:11 PM, MARK GOODWIN & ASSOCIATES; PLOTTED BY: RDQ



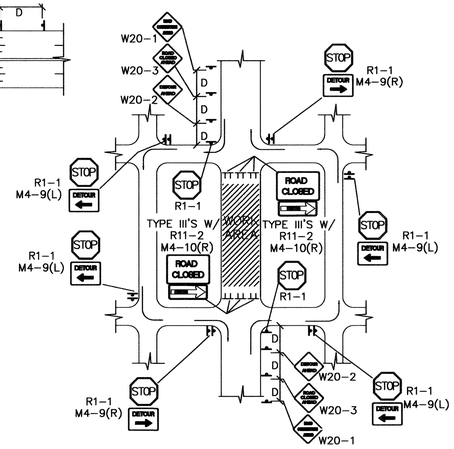
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE



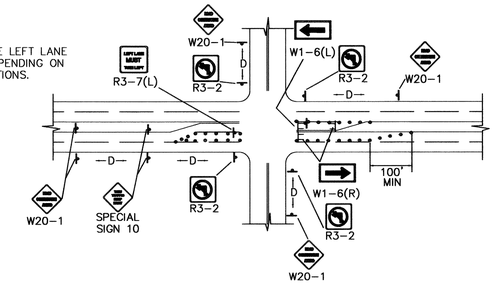
TYPICAL ONE DIRECTION DETOUR



TYPICAL STREET CLOSURE

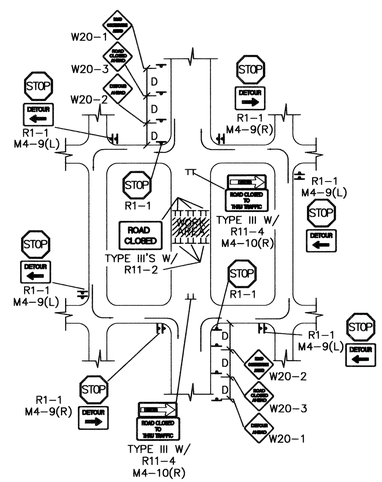
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

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



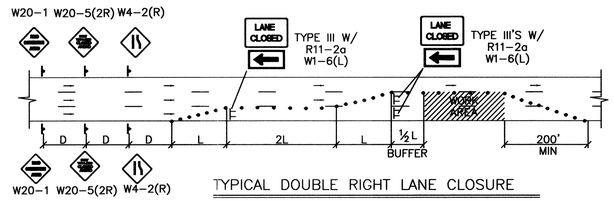
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.

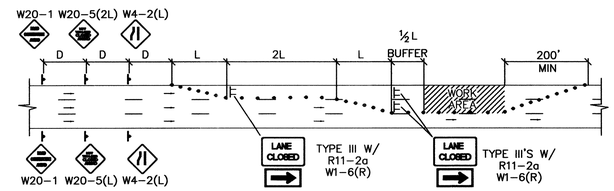


TYPICAL MID-BLOCK CLOSURE

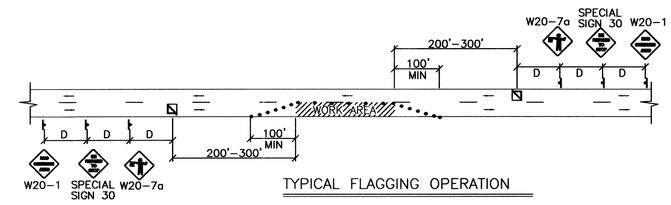
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



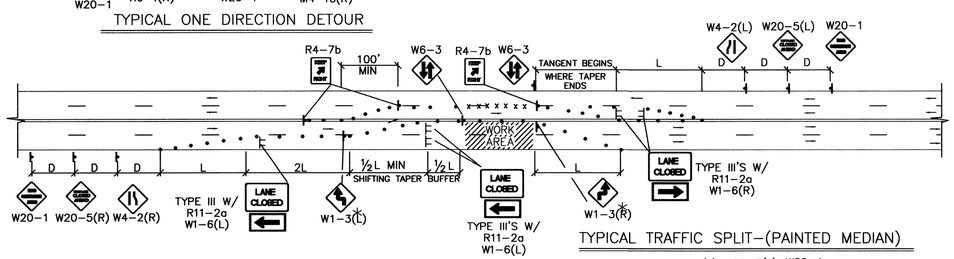
TYPICAL DOUBLE RIGHT LANE CLOSURE



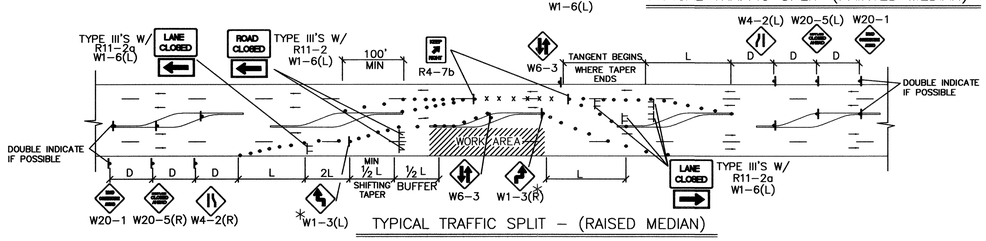
TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



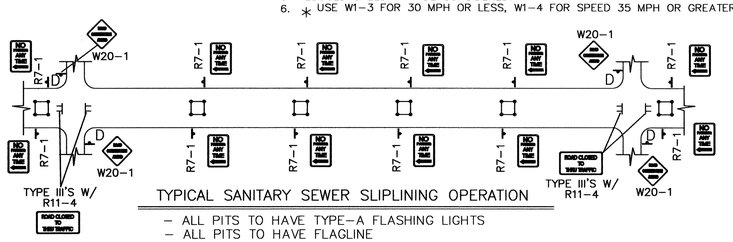
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

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 THE 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.



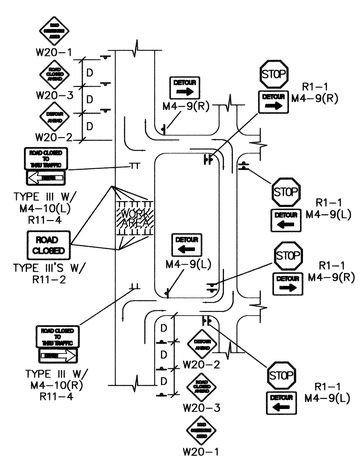
TYPICAL SANITARY SEWER SLIPLINING OPERATION

- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

GENERAL NOTE:

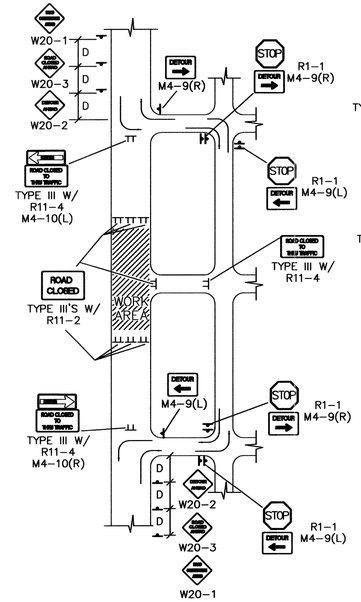
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

△1 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.



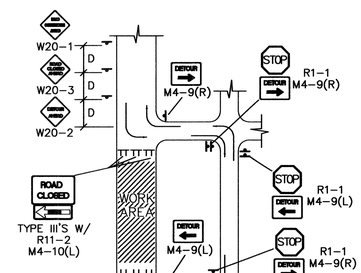
TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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

SCANNED BY MESA REPRO

[BHI-MAIN\PROJECTS\97177\TRANS\DESIGN\SIGNAL]CITYTRAF.DWG

F:\A02JOBS\A2025PS\PLANS\UNIT 5\cityraf.dwg, 07/25/02 10:14:55 AM, PLOTTED BY RDQ

AS-BUILT INFORMATION

CONTRACTOR MELENDEZ CONS.	DATE 2-03
WORK STAKED BY PRECISION SURVEYS	DATE 2-03
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY PRECISION SURVEYS	DATE 4/03
DRAWINGS CORRECTED BY PRECISION SURVEYS	DATE 4/03

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

C.O.A. STANDARD

NO.	DATE	REMARKS	BY
△1	9/24/97	REVISED GENERAL NOTE	J.D.L.

REVISIONS

DESIGN		
DESIGNED BY BOHANNAN HUSTON	DATE 5-97	
DRAWN BY BOHANNAN HUSTON	DATE 5-97	
CHECKED BY BOHANNAN HUSTON	DATE 5-97	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

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

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
C.O.A. STANDARD	C.O.A. STANDARD			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658885	J-9-Z	15	16

CITYTRAF.DWG 6-11-97

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. 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.

2. 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 SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. 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.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. 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.

△1 11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.

12. 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.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. 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.

18. 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.

△2 19. 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.

20. 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:
    1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
    2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
    3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

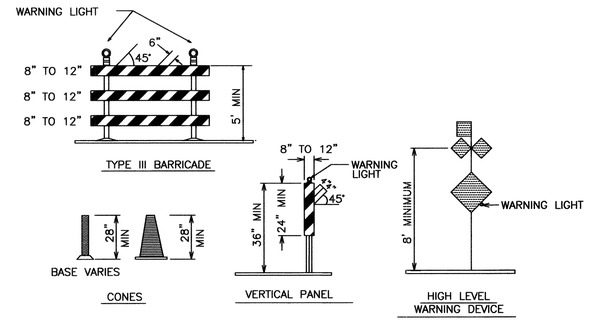
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

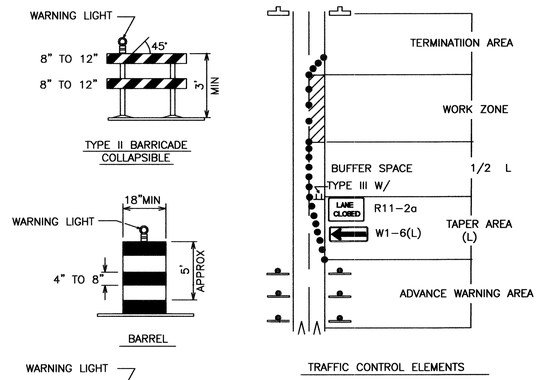
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

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

△3 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 M.U.T.C.D.

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





LEGEND

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

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET) 10' LANE	11' LANE	12' LANE	MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET 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

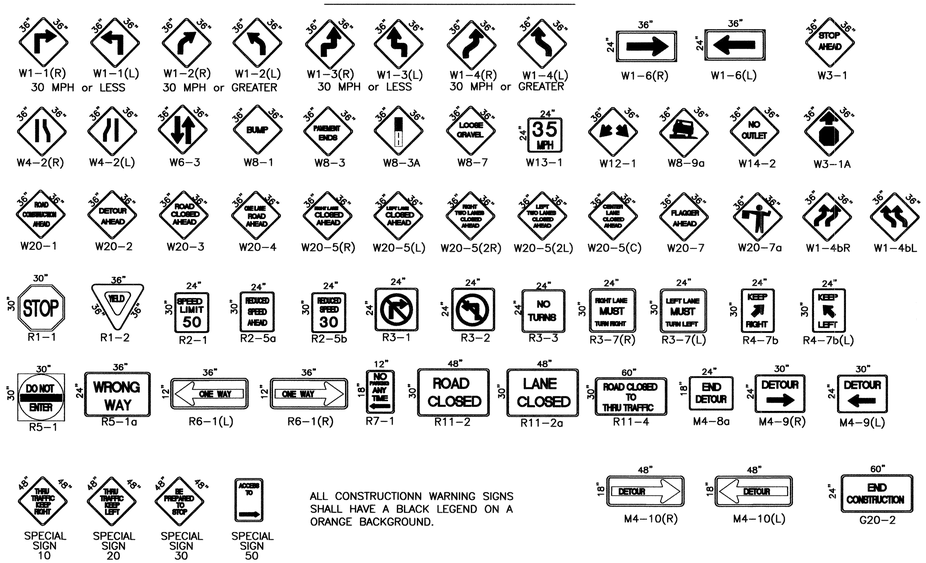
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 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 CONSTRUCTIONN WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

AS-BUILT INFORMATION
CONTRACTOR HELEUDEZ CONS. DATE 2003
WORK STAKED BY PRECISION SURVEYS DATE 2003
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY PRECISION SURVEYS DATE 4/03
DRAWINGS CORRECTED BY PRECISION SURVEYS DATE 4/03

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	9/25/97	ADD NOTE NO. 27	J.D.L.
2	9/24/97	REVISED NOTE NO. 26	J.D.L.
3	9/24/97	REVISED NOTE NO. 19	J.D.L.
4	9/24/97	REVISED NOTE NO. 11	J.D.L.

REVISIONS

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

DESIGN
DESIGNED BY BOHANNAN HUSTON DATE 5-97
DRAWN BY BOHANNAN HUSTON DATE 5-97
CHECKED BY BOHANNAN HUSTON DATE 5-97

C.O.A. STANDARD

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS*

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
C.O.A. STANDARD	C.O.A. STANDARD			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
658885	J-9	16	16

SCANNED BY MESA REPRO

F:\A02JOBS\A2025PS\PLANS\UNIT 5\citysign.dwg, 07/25/02 10:18:40 AM, PLOTTED BY RDQ
[BHI-MAIN\PROJECTS\97177\TRANS\DESIGN\SIGNAL]CITYSIGN.DWG