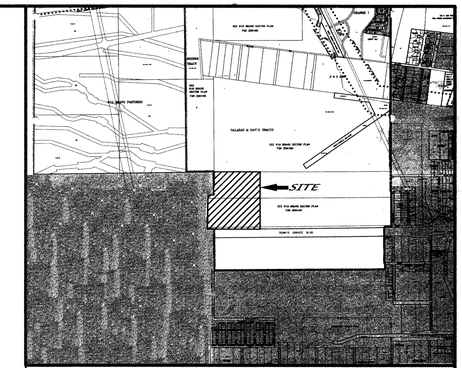
CONSTRUCTION PLANS

FOR

HIGHLANDS AT ANDERSON HILLS

UNIT 3

ALBUQUERQUE, NEW MEXICO



VICINITY MAP — ZONE ATLAS P-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 #7.
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 (924-3400) 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) 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 SEVEN (7) 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 OF THE CONSTRUCTION.
13. CONSTRUCTION WORK DONE WITHIN DENNIS CHAVEZ BLVD. RIGHT-OF-WAY IS UNDER BERNALILLO COUNTY JURISDICTION AND SHALL REQUIRE EXCAVATION AND PAVING PERMITS. CALL BERNALILLO COUNTY PUBLIC WORKS AT 848-1513 (ERIC ZAMORA)

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.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 11/10/05

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calc[illegible] supervising the intent of the record dr[illegible]

Timothy Aldrich, P.S. No. 7719 — 08-17-03

INDEX TO DRAWINGS

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 me 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 ALS, Inc., NMPS number 7719.

Diane L. Hoelzer — 11-11-05
NMPE 11967

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
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04	DRC CHAIRMAN		9-8-04
	TRANSPORTATION		8/25/04
	WATER/WASTEWATER		8/25/04
	HYDROLOGY	Bradley L. Bingham	8/25/04
	AMAFCA		
	CONSTR. MNGMT.		
	CONSTR. COORD.		9-8-04

****
APPROVED FOR CONSTRUCTION

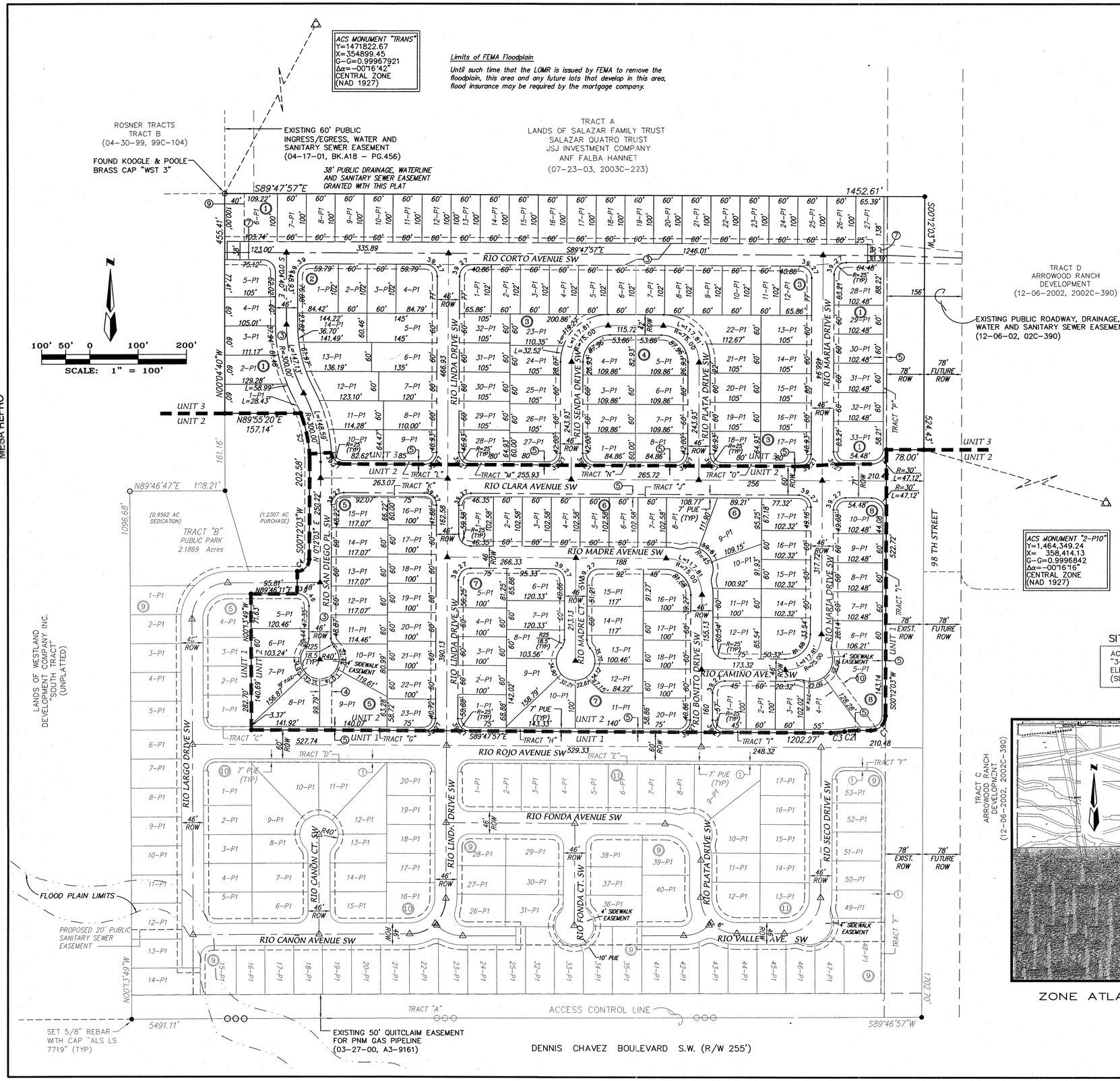
CITY ENGINEER — DATE 2-25-05

DRB PROJECT NO. 1002857

CITY PROJECT NO. 708183

SHEET 1 OF 20

A2106ANH/dwg/HIGHLANDS/plans-U3/2106HL3-TITLE 08-23-04 RDQ NHE TAS



SCANNED BY MESA REPRO

EASEMENTS

1. PROPOSED 7' PUBLIC UTILITY EASEMENT (PUE) (GRANTED WITH UNIT 1 PLATTING)
3. EXISTING PUBLIC DRAINAGE, WATERLINE AND SANITARY SEWER EASEMENT (GRANTED WITH UNIT 1 PLATTING)
4. EXISTING 25' PUBLIC DRAINAGE AND SANITARY SEWER EASEMENT (GRANTED WITH UNIT 1 PLATTING)
5. 7' PUBLIC UTILITY EASEMENT (PUE) GRANTED WITH THIS PLAT
7. EXISTING 38' PUBLIC DRAINAGE, WATERLINE, SANITARY SEWER & PEDESTRIAN ACCESS EASEMENT (GRANTED WITH UNIT 1 PLATTING)
9. EXISTING 40' PUBLIC DRAINAGE, WATERLINE AND SANITARY SEWER EASEMENT (GRANTED WITH UNIT 1 PLATTING)
10. 25' PUBLIC DRAINAGE AND SANITARY SEWER EASEMENT GRANTED WITH THIS PLAT

LEGEND

- 1 — LOT NUMBER
- (3) — BLOCK NUMBER
- ▲ — CENTER LINE MONUMENT
- △ — EXIST. CENTER LINE MONUMENT
- ROW — RIGHT-OF-WAY
- UNIT BOUNDARY
- VACATION
- FLOOD PLAIN LIMITS

SITE BENCHMARK

ACS MONUMENT
"3-P10"
ELEVATION=4935.735
(SLD 1929)

PRELIMINARY PLAT

THE HIGHLANDS AT ANDERSON HILLS UNITS 2 AND 3

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 8, 9 & 10
TOWNSHIP 9 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 2003

SUBDIVISION DATA

GROSS ACREAGE	34.1537 AC
ZONE ATLAS NO.	N-9-Z P-9-Z
NO. OF UNIT 2 LOTS CREATED	66 LOTS
NO. OF UNIT 3 LOTS CREATED	87 LOTS
TOTAL NO. OF LOTS CREATED	153 LOTS
NO. OF TRACTS CREATED	13 TRACTS
NO. OF PARCELS CREATED	0 PARCEL
AREA DEDICATED TO CITY	8.8640 AC
ZONING	RLT
DATE OF SURVEY	OCTOBER 2002

NOTES

1. UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHOWN THUS ○ SHALL BE MARKED BY A #5 REBAR W/CAP STAMPED "ALS LS 7719" (TYP.).
2. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE PC'S, PT'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#7719"

3. BOUNDARY SHALL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
4. BASIS OF BEARING SHALL BE NEW MEXICO STATE PLANE GRID BEARINGS.
5. ALL DISTANCES SHALL BE GROUND DISTANCES.
6. 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.
6. TRACTS "G" THRU "P" ARE FOR THE BENEFIT OF AND TO BE OWNED AND MAINTAINED BY THE ANDERSON HILLS HOMEOWNERS ASSOCIATION FOR LANDSCAPING PURPOSES.

DESCRIPTION

A tract of land situate within the Town of Atrisco Grant, projected Sections 8, 9, and 10, Township 9 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, New Mexico being all of Parcel 1, THE HIGHLANDS AT ANDERSON HILLS UNIT 1 as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on _____ in Book _____ Page _____ and containing 34.2074 acres more or less.

ENGINEERS

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CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

SURVEYOR

ALDRICH LAND SURVEYING
P.O. BOX 30701
ALBUQUERQUE, N.M. 87190
(505) 884-1990

OWNERS

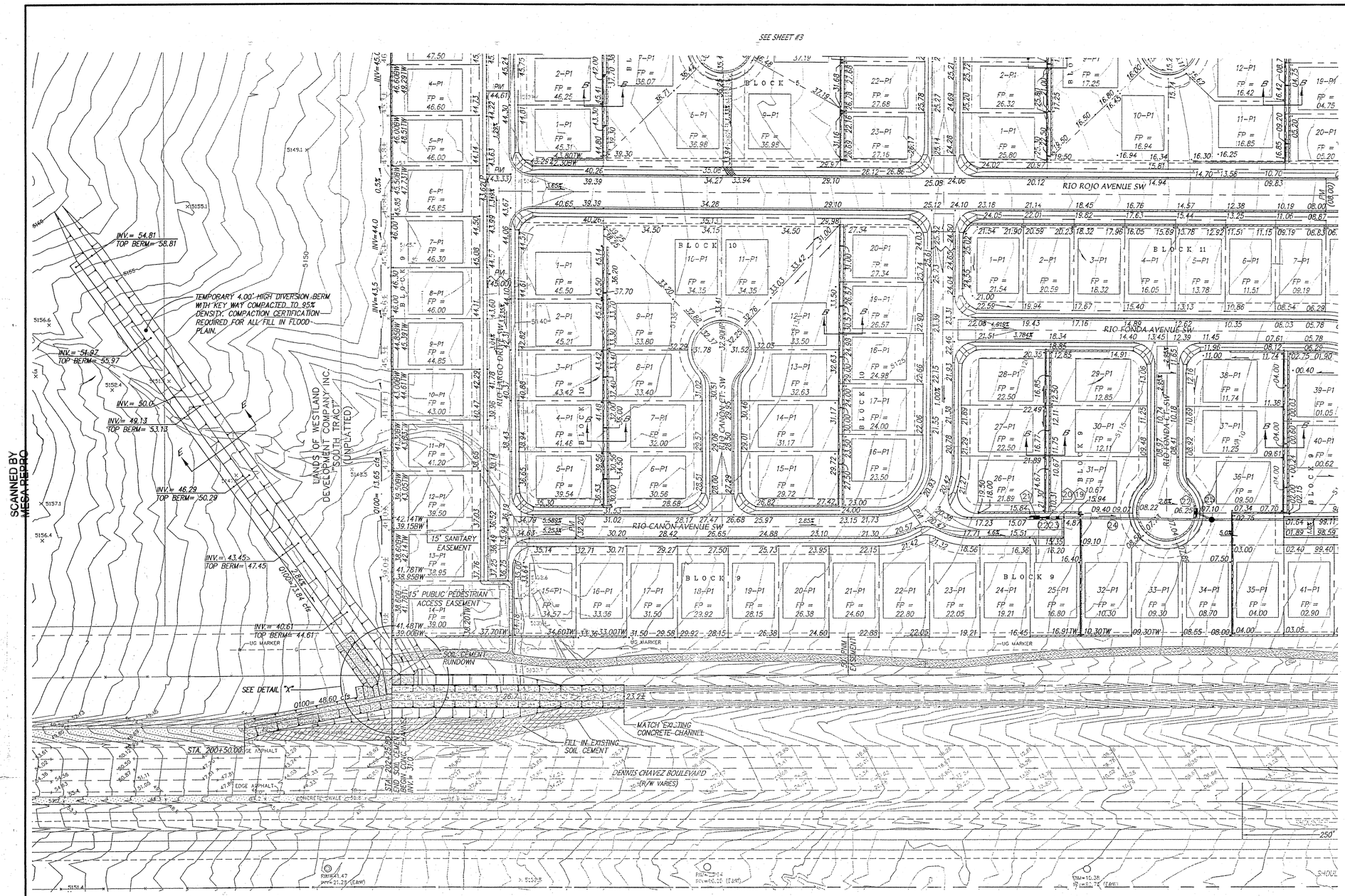
ANDERSON HILLS, LLC
PO BOX 12317
ALBUQUERQUE, N.M. 87195
(505) 822-5562

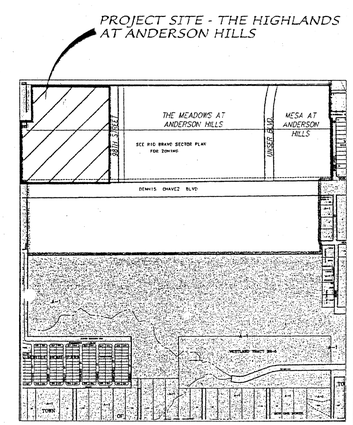
Robert Lupton — 2-19-2004
ROBERT LUPTON — DATE
Manager, Anderson Hills, LLC

APPROVED ~~FOR MONUMENTATION AND STREET NAMES~~

City Surveyor, City of Albuquerque, N.M. — 2-19-04 Date

ZONE ATLAS: N-9-Z & P-9-Z





VICINITY MAP — ZONE ATLAS MAP P-9-Z

N.T.S.

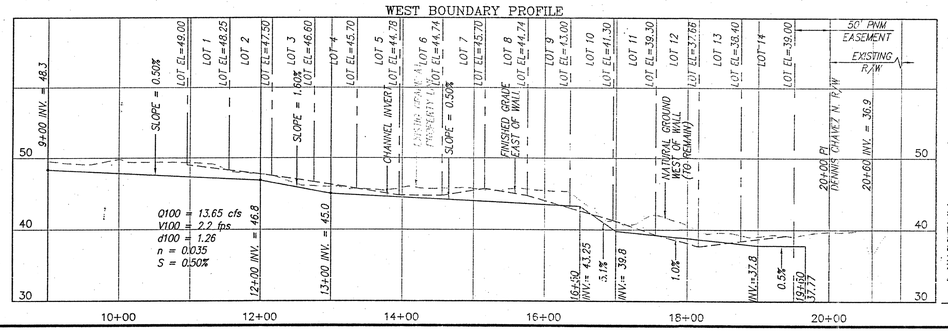
NOTES

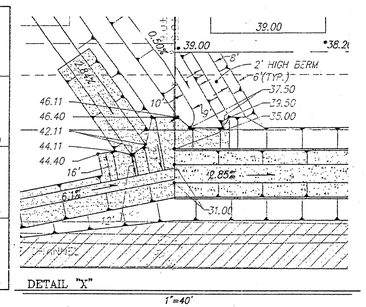
1. A PERIMETER CMU WALL WILL BE CONSTRUCTED AROUND THE ENTIRE SITE.

LEGEND

- PROPOSED STANDARD CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED SIDEWALK
- .45.50 — PROPOSED SPOT ELEVATION
- FP = 50.0 — PROPOSED FINISHED PAD ELEVATION
- PROPOSED DIRECTION OF FLOW
- PROPOSED SLOPE
- PROPOSED RETAINING WALL
- PROPOSED GARDEN WALL
- PROPOSED PARK
- EXISTING PAVEMENT
- EXISTING CHANNEL
- STORM SEWER MANHOLE
- STORM SEWER
- INLETS

SCALE: 1" = 60'





GRADING APPROVAL PER THIS PLAN ON LANDS OF WESTLAND DEVELOPMENT COMPANY, INC. "SOUTH TRACT" — DATE

APPROVED ROUGH GRADING ±18" — CITY HYDROLOGY — DATE

A2106ANH/DWG/2106-GD60-WEST 8-15-03 NHE RDQ DER

AS BUILT INFORMATION — CONTRACTOR Hydro System — STAMED BY AIS — DATE — INSPECTOR'S CHANGES BY — DATE — FIELD VERIFICATION BY AIS — DATE 8/05 — DRAWING CORRECTED BY AIS — DATE 8/05

BENCH MARKS

STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDESHIRE, THEN GO S. ON CONDESHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1982" ERECTED TO A CITY PROJECTING 0.25 FT. ABOVE THE GROUND. X=1586113.3, Y=1464319.24 (NAD 27) Z=1991 (NGVD 29).

RECORDED BY — DATE — MICRO-FILM INFORMATION — NO.

SURVEY INFORMATION — FIELD NOTES — NO. — BY — DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS / REVISIONS	BY

		DATE
DESIGNED BY	DLH	1/03
DRAWN BY	NHE	1/03
CHECKED BY	DMG	1/03

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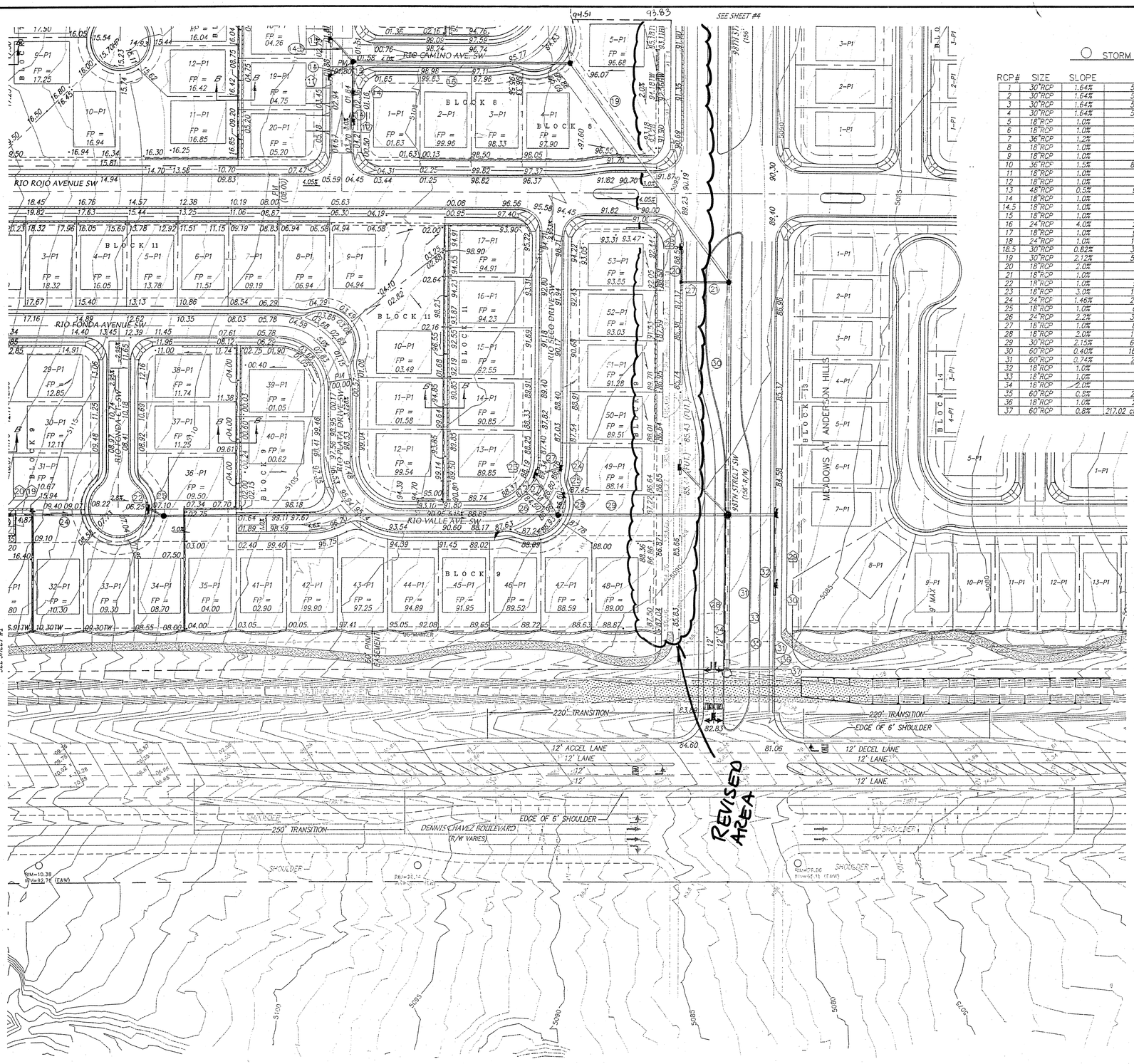
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: THE HIGHLANDS AT ANDERSON HILLS GRADING & 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
708183	P-9	3 of 20



NOTES

STORM DRAIN TABLE

RCP#	SIZE	SLOPE	Q_{100}	V_{100}
1	30"RCP	1.64%	52.42 cfs	10.7 fps
2	30"RCP	1.64%	52.42 cfs	10.7 fps
3	30"RCP	1.64%	52.42 cfs	10.7 fps
4	30"RCP	1.64%	52.42 cfs	10.7 fps
5	18"RCP	1.0%	6.0 cfs	3.5 fps
6	18"RCP	1.0%	10.9 cfs	6.2 fps
7	36"RCP	1.2%	74.2 cfs	10.5 fps
8	18"RCP	1.0%	4.9 cfs	2.8 fps
9	18"RCP	1.0%	8.3 cfs	4.7 fps
10	36"RCP	1.5%	82.50 cfs	11.7 fps
11	18"RCP	1.0%	3.9 cfs	2.2 fps
12	18"RCP	1.0%	6.5 cfs	3.7 fps
13	48"RCP	0.5%	95.5 cfs	7.6 fps
14	18"RCP	1.0%	6.8 cfs	3.9 fps
14.5	18"RCP	1.0%	4.5 cfs	2.6 fps
15	18"RCP	1.0%	11.3 cfs	6.42 fps
16	24"RCP	4.0%	22.6 cfs	7.19 fps
17	18"RCP	1.0%	9.26 cfs	5.3 fps
18	24"RCP	1.0%	18.52 cfs	5.9 fps
18.5	30"RCP	0.82%	37.04 cfs	7.5 fps
19	30"RCP	2.12%	59.63 cfs	12.1 fps
20	18"RCP	2.0%	6.0 cfs	3.4 fps
21	18"RCP	1.0%	9.6 cfs	5.5 fps
22	18"RCP	1.0%	9.11 cfs	5.2 fps
23	18"RCP	3.0%	18.22 cfs	10.3 fps
24	24"RCP	1.46%	27.33 cfs	8.7 fps
25	18"RCP	1.0%	6.13 cfs	3.5fps
26	24"RCP	2.2%	33.46 cfs	10.7 fps
27	18"RCP	1.0%	8.86 cfs	5.0 fps
28	18"RCP	2.0%	17.72 cfs	10.0 fps
29	30"RCP	2.12%	60.05 cfs	12.2 fps
30	60"RCP	0.40%	164.73 cfs	8.4 fps
31	60"RCP	0.74%	210± cfs	10.7 fps
32	18"RCP	1.0%	4.2 cfs	2.4 fps
33	18"RCP	1.0%	7.0 cfs	4.2 fps
34	18"RCP	2.0%	3.6 cfs	2.0 fps
35	60"RCP	0.5%	216± cfs	11.0 fps
36	18"RCP	1.0%	2.02 cfs	1.15 fps
37	60"RCP	0.6%	217.02 cfs (from AHYMO)	11.06 fps

STORM DRAIN INLET TABLE

INLET #	TYPE	INV.	GRATE
1	A	–	–
2	A	–	–
3	C	–	–
4	C	–	–
5	A	–	–
6	C	–	–
7	C	–	–
8	C	–	–
9	C	–	–
10	C	–	–
11	A	–	–
12	A	–	–
13	A	–	–
14	C	–	–
15	A	–	–
16	DBL A (ST)	–	–
17	DBL A (ST)	–	–
18	A	–	–
19	C	–	–
20	C	–	–
21	DBL A (ST)	–	–
22	SGL A (DT)	–	–
23	SGL A (DT)	–	–
24	A	–	–
25	DBL C	–	–
26	A	–	–
27	C	–	–
28	SGL A (DT)	–	–
29	A	–	–
30	C	–	–
31	SGL A (DT)	–	–

SCALE: 1" = 60'

AS BUILT INFORMATION
CONTRACTOR Hydro Systems
WORK STAKED BY AIS DATE
INSPECTED & ACCEPTANCE BY AIS DATE
FIELD VERIFICATION BY AIS DATE 8/05
DRAWINGS CORRECTED BY AIS DATE 8/05
...MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=35841.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID MOELLER NEW MEXICO 10867 PROFESSIONAL ENGINEER
1-23-04

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	1/03
DRAWN BY	NHE	1/03
CHECKED BY	DMG	1/03

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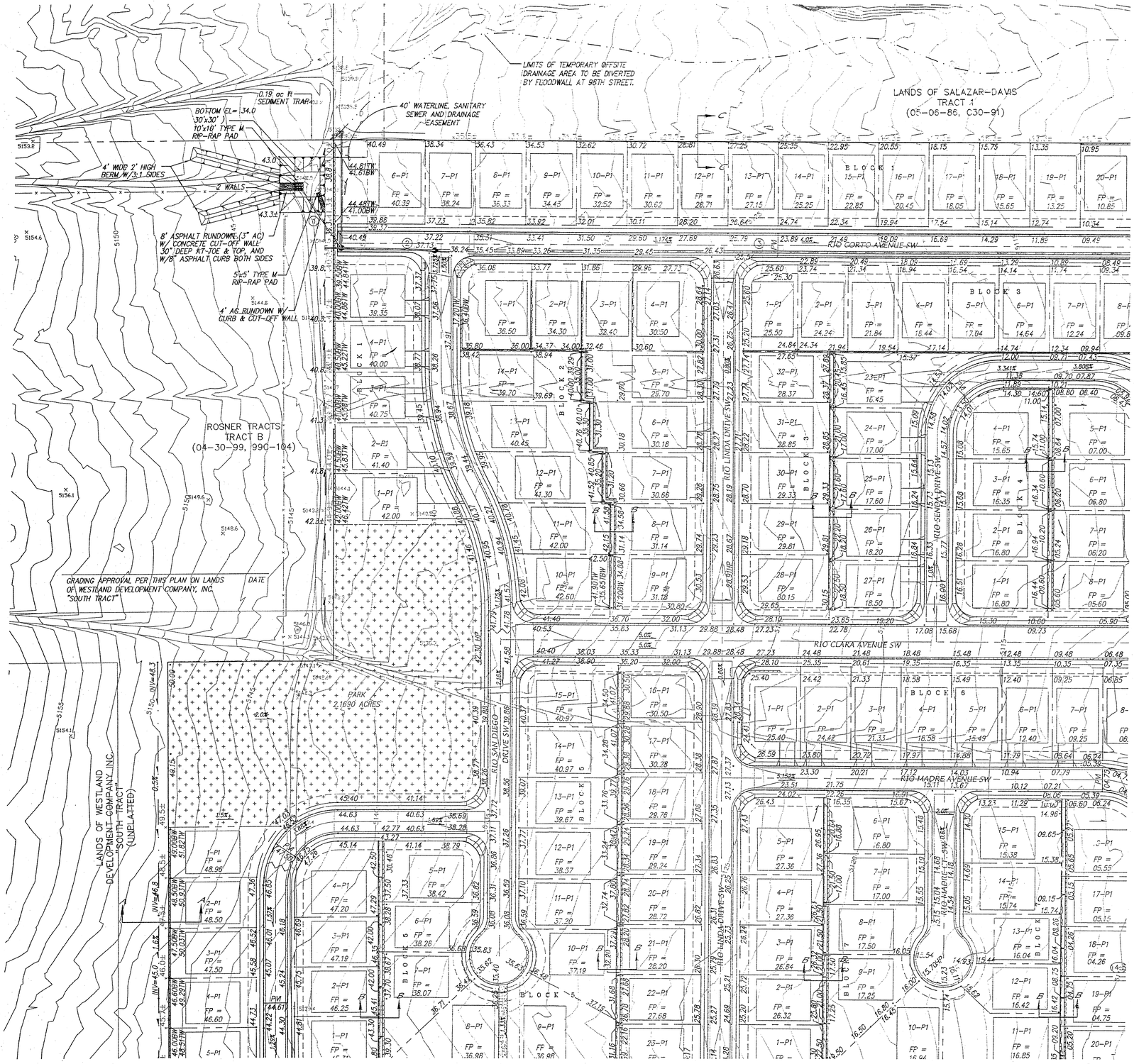
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL
For Information Only

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

CITY PROJECT NO. 708183 | ZONE MAP NO. P-9 | SHEET 4 of 20

A2106ANH/DWG/HIGHLANDS/2106-GD60-WEST 1-23-04 RDQ NHE



SCANNED BY MESA REPRO

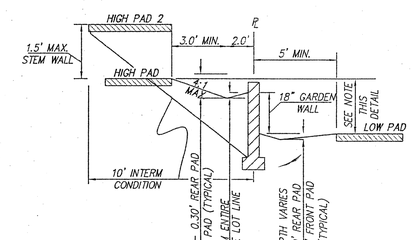
NOTES

NOTE:

USE RETAINING WALLS:
WHERE THE DIFFERENCE IN ELEVATION BETWEEN THE ADJACENT PADS IS 3.0' OR MORE A RETAINING WALL MUST BE CONSTRUCTED BETWEEN THE LOTS AS SHOWN ON THE PLAN AND THERE WILL BE NO PRIVATE DRAINAGE EASEMENT.

USE STEM WALLS:
WHERE THE DIFFERENCE IN ELEVATION BETWEEN THE ADJACENT PADS IS GREATER THAN 1.5' BUT LESS THAN 3.0', A STEM WALL SHALL BE CONSTRUCTED BY THE BUILDER ON THE "HIGH SIDE" OF LOT PAD.

FOR ALL SIDE YARDS:
EACH LOT OWNER MUST CONSTRUCT, OPERATE, AND MAINTAIN HIS OWN SEPARATE DRAINAGE SWALE ALL THE WAY TO THE STREET AND CROSS LOT DRAINAGE WILL BE PREVENTED BY SOME COMBINATION OF WALLS AND BERMS ON THE COMMON LOT LINE TO BE JOINTLY MAINTAINED BY BOTH LOT OWNERS.

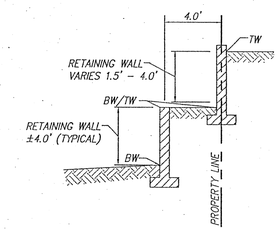


*PAD TO PAD 1.5' ≥ 3.0', SECTION B-B
CONSTRUCT STEM WALL
NTS

*PAD TO PAD < 1.5', SECTION B-B
CONSTRUCT GARDEN WALL
NTS

*PAD TO PAD > 3.0', SECTION B-B
CONSTRUCT RETAINING WALL
NTS

SIDEYARD DETAIL
N.T.S.



DOUBLE RETAINING WALL DETAIL
N.T.S.

SCALE: 1" = 60'

AS BUILT INFORMATION
CONTRACTOR Hydro System DATE
WORK STAKED BY ALS DATE
INSPECTOR'S ACCEPTANCE BY DATE 8/05
VERIFICATION BY ALS DATE 8/05
DRAWINGS CORRECTED BY
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM. CAP STAMPED "2-P10, 1987" PIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=-53941.13, Y=1461349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
PAMELA HUGHES CITY OF ALBUQUERQUE 12237 NEW MEXICO PROFESSIONAL ENGINEER
8-22-03

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	1/03
DRAWN BY	NHE	1/03
CHECKED BY	DMG	1/03

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

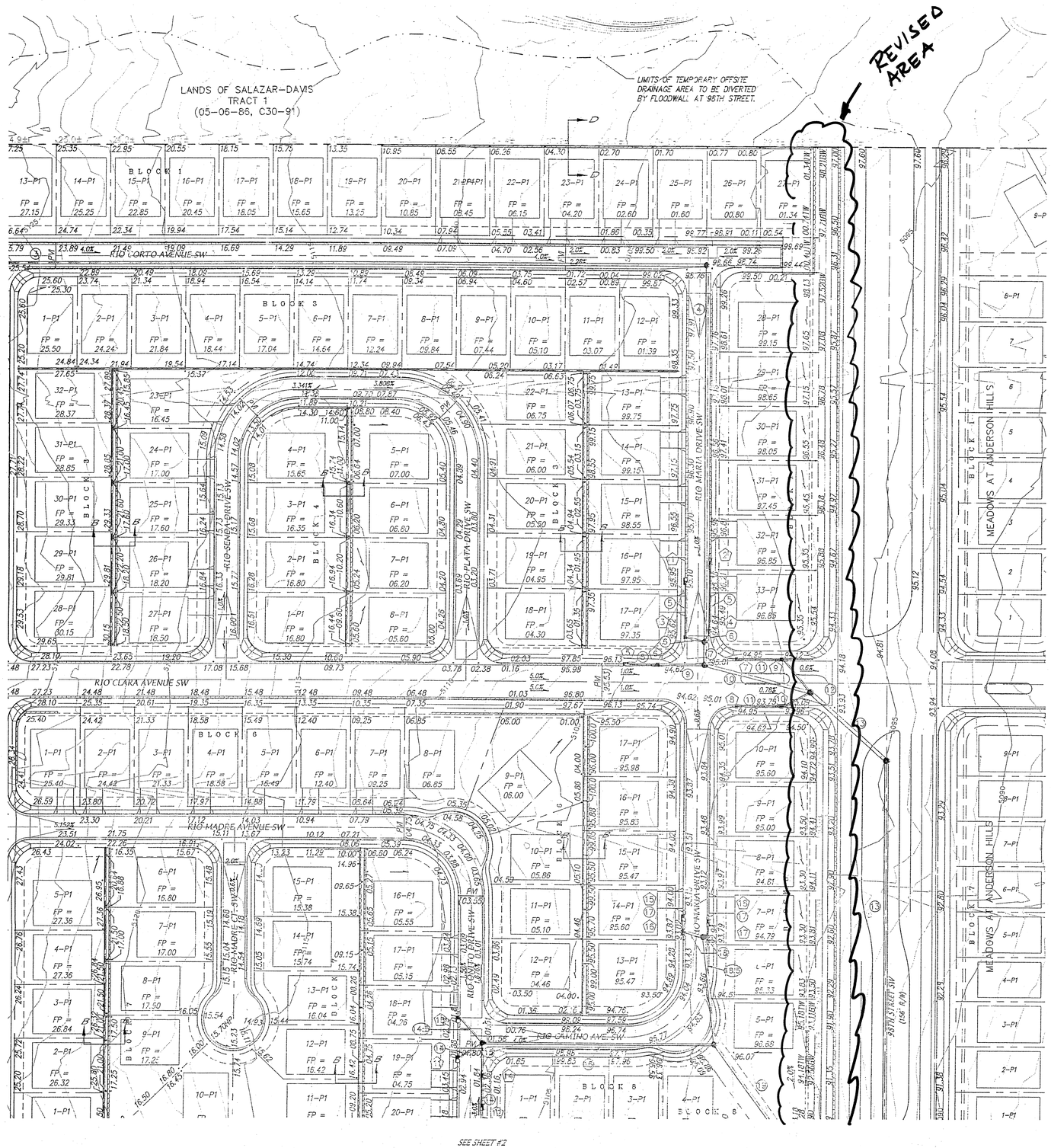
TITLE: THE HIGHLANDS AT ANDERSON HILLS GRADING & DRAINAGE PLAN

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL
For Information Only

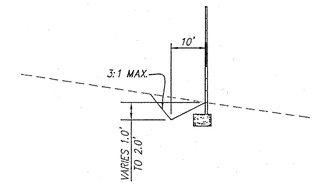
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 708183 | ZONE MAP NO. P-9 | SHEET 5 of 20

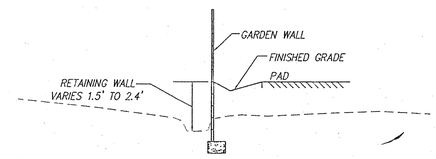
A2106ANH/DWG/2106-GD60-WEST 8-22-03 RDQ DER NHE



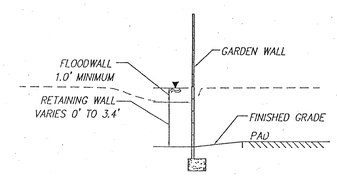
NOTES



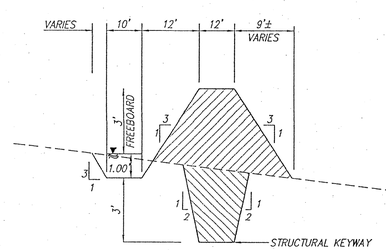
SECTION A-A
N.T.S.



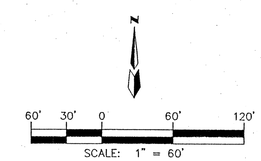
SECTION C-C
N.T.S.



SECTION D-D
N.T.S.



SECTION E-E
N.T.S.



AS BUILT INFORMATION

CONTRACTOR Hydro Systems
WORK STAKED BY
STAKING ACCEPTANCE BY AIS DATE
FIELD VERIFICATION BY AIS DATE 8/05
DRAWINGS CORRECTED BY AIS DATE 8/05

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=1594113, Y=1464342.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 10867 NICHOLAS H. HEMPHILL
1-23-04

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

		DATE
DESIGNED BY	DLH	1/03
DRAWN BY	NHE	1/03
CHECKED BY	DMG	1/03

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: THE HIGHLANDS AT ANDERSON HILLS GRADING & DRAINAGE PLAN

DESIGN REVIEW COMMITTEE: For Information Only

CITY ENGINEER APPROVAL

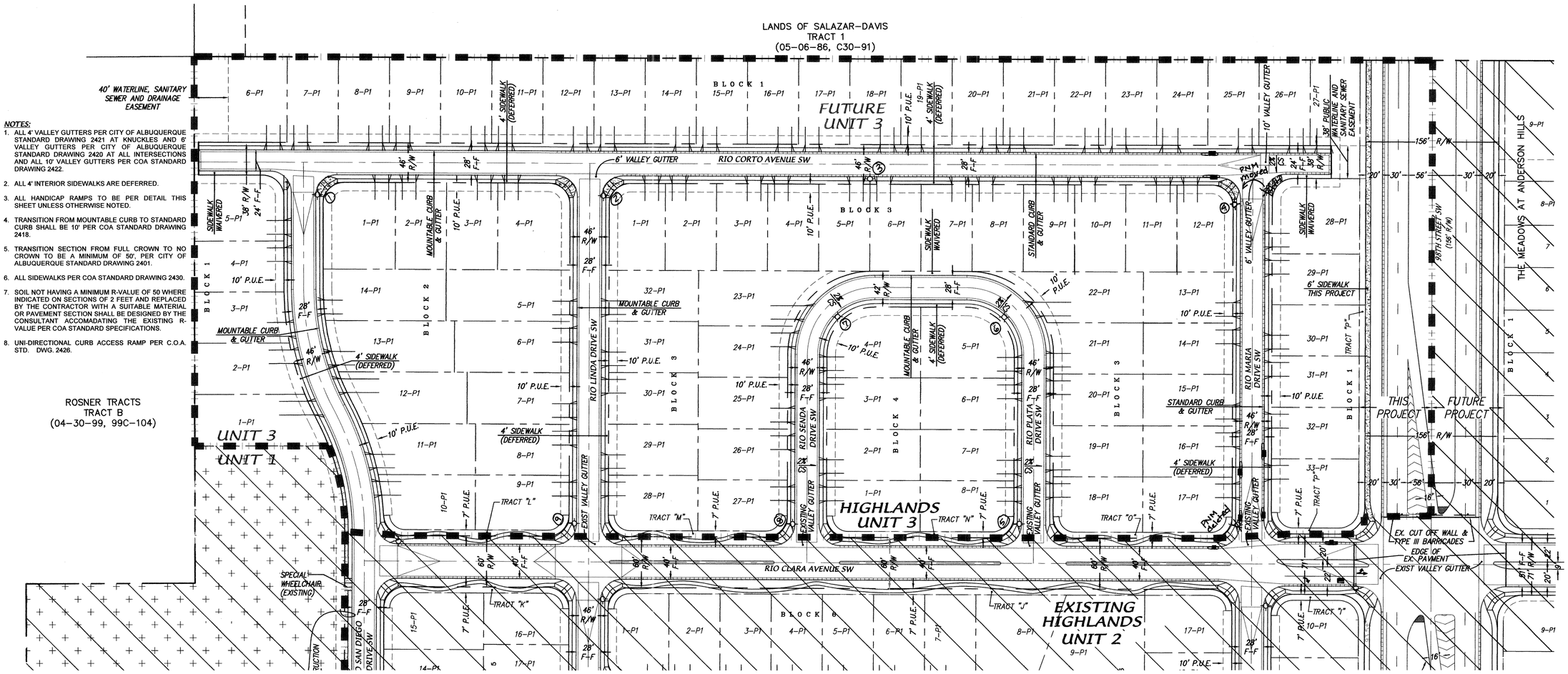
LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 708183

ZONE MAP NO. P-9

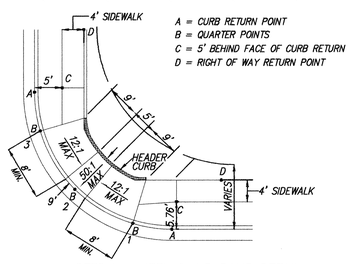
SHEET 6 of 20

A2106ANH/DWG/HIGHLANDS/2106-GD60-WEST 1-23-04 RDQ DER NHE



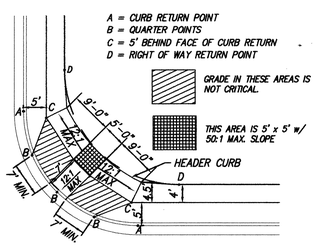
NOTES:

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 AND ALL 10' VALLEY GUTTERS PER COA STANDARD DRAWING 2422.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE PER DETAIL THIS SHEET UNLESS OTHERWISE NOTED.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10' PER COA STANDARD DRAWING 2418.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL SIDEWALKS PER COA STANDARD DRAWING 2430.
7. SOIL NOT HAVING A MINIMUM R-VALUE OF 50 WHERE INDICATED ON SECTIONS OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH A SUITABLE MATERIAL OR PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMADATING THE EXISTING R-VALUE PER COA STANDARD SPECIFICATIONS.
8. UNI-DIRECTIONAL CURB ACCESS RAMP PER C.O.A. STD. DWG. 2426.



ARTERIAL WHEEL CHAIR RAMP DETAIL

NOT TO SCALE (NOTE: PER COA STD. DETAIL 2441)

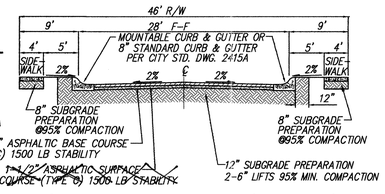


GENERAL WHEEL CHAIR RAMP DETAIL

NOT TO SCALE (NOTE: PER COA STD. DETAIL 2441)

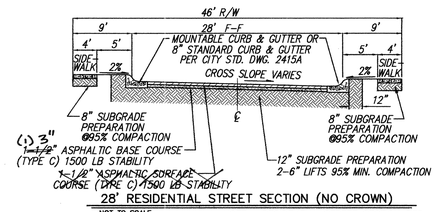
LEGEND

- NEW MOUNTABLE CURB AND GUTTER
- FUTURE MOUNTABLE CURB AND GUTTER
- NEW STANDARD CURB AND GUTTER
- FUTURE STANDARD CURB AND GUTTER
- EXISTING CONCRETE/SIDEWALK
- EXISTING WALL
- SIDEWALK THIS PROJECT AS PER COA STD DWG 2430
- DEFERRED SIDEWALK
- STORM DRAIN INLET THIS PROJECT
- EXISTING PAVEMENT
- C.S. NO CROWN SECTION (CROSS SLOPE)
- PROPOSED STREET LIGHT
- PROPOSED WHEEL CHAIR RAMP
- LOT LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- CROWN TRANSITION SEE NOTE 5
- PROPOSED DRIVEWAY
- ADJACENT UNITS NOT A PART OF THIS PROJECT



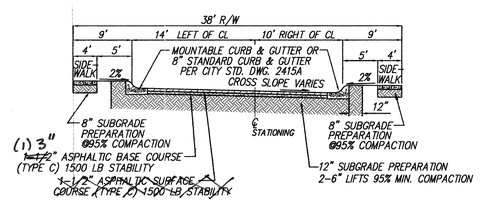
28' RESIDENTIAL STREET SECTION (WITH CROWN)

NOT TO SCALE NOTE: RESIDENTIAL STREET SECTION PER COA STD DWG 2405A.



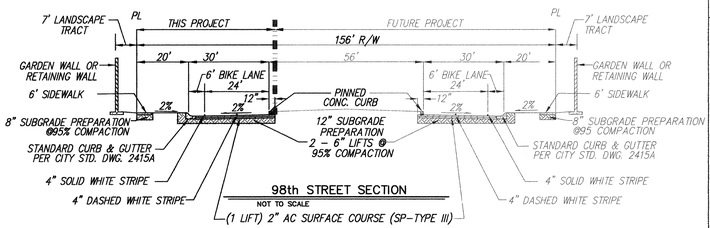
28' RESIDENTIAL STREET SECTION (NO CROWN)

NOT TO SCALE NOTE: RESIDENTIAL STREET SECTION PER COA STD DWG 2405A.



24' RESIDENTIAL STUB STREET SECTION

NOT TO SCALE NOTE: RESIDENTIAL STREET SECTION PER COA STD DWG 2405A.

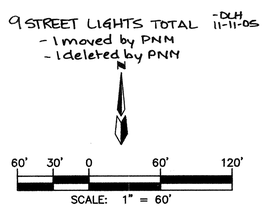


98th STREET SECTION

NOT TO SCALE

(1 LIFT) 2" AC SURFACE COURSE (SP–TYPE III)
(2 LIFTS) 3" AC BASE COURSE (SP–TYPE II)
ALL LIFTS USE 1800 LB STABILITY

9 STREET LIGHTS TOTAL -DLH 11-11-05
- 1 moved by PNM
- 1 deleted by PNM



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 me 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 ALS, Inc. NMPS number 7719.

11-11-05

Diane L. Hoelzer NMPE 11967

NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION

CONTRACTOR	Hydro Systems	
WORK STAKED BY	ALS	DATE
INSPECTOR'S FIELD NOTES BY		DATE
FINAL INFORMATION BY	ALS	DATE 8/05
DRAWINGS CORRECTED BY	ALS	DATE 8/05

MICRO–FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "2–P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM. CAP STAMPED "2–P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=35941.13, Y=1464549.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY	DLH	DATE 08/04
DRAWN BY	NHE	DATE 08/04
CHECKED BY	DMG	DATE 08/04

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: *HIGHLANDS AT ANDERSON HILLS UNIT 3*
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED DESIGN REVIEW COMMITTEE	APPROVED FEB 28 2005 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	7	20

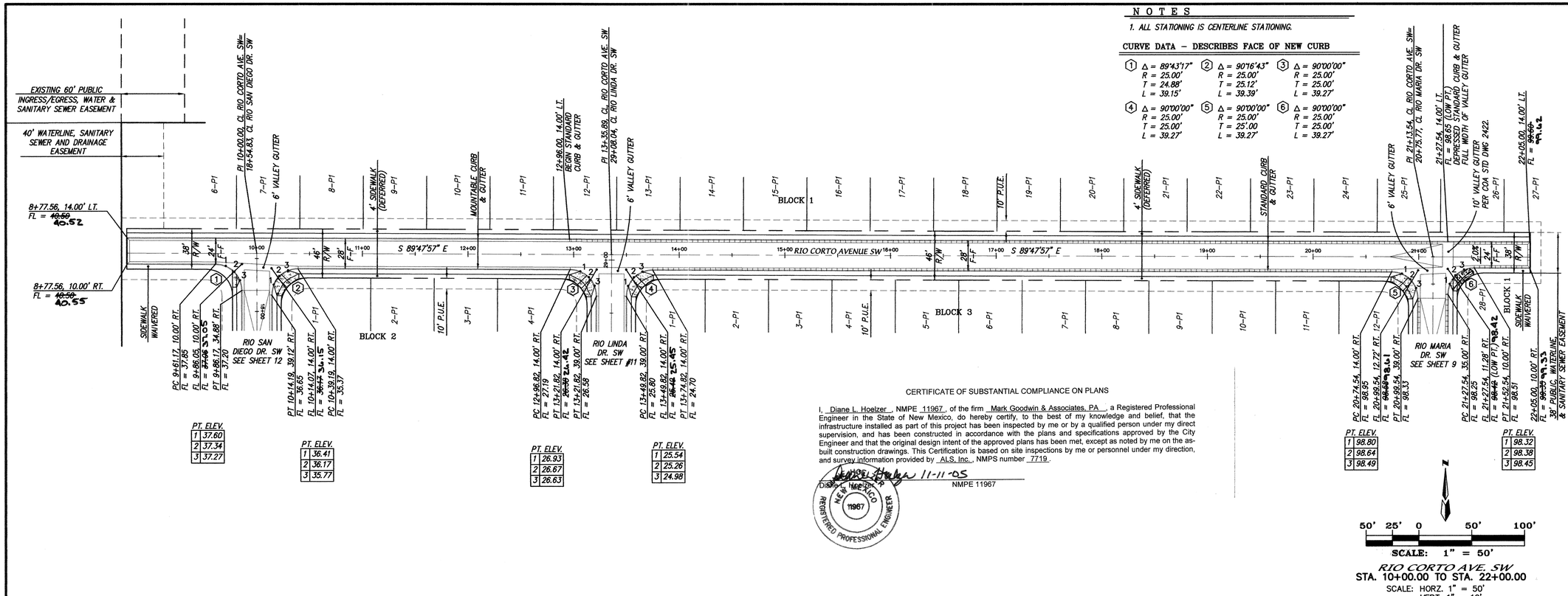
A2106ANH/dwg/HIGHLANDS/plans-U3/2106-mpav3-W 08-23-04 RDQ NHE TAS

NOTES

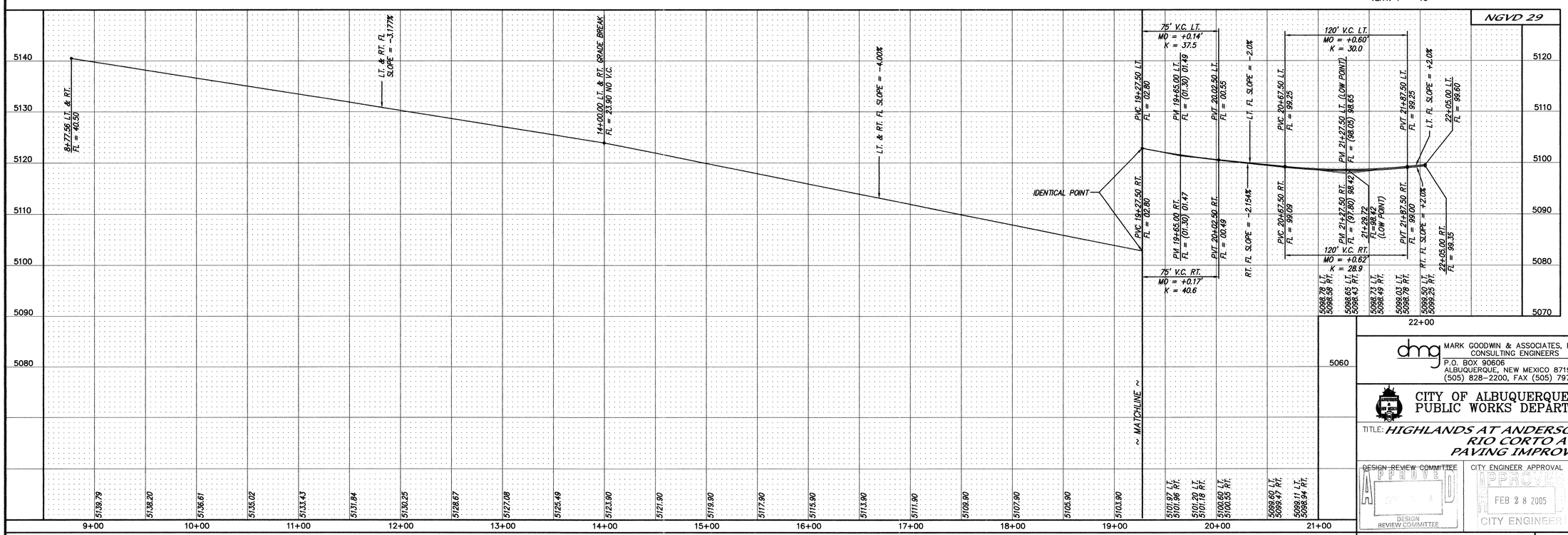
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES FACE OF NEW CURB

(1) Δ = 89°43'17"	(2) Δ = 90°16'43"	(3) Δ = 90°00'00"
R = 25.00'	R = 25.00'	R = 25.00'
T = 24.88'	T = 25.12'	T = 25.00'
L = 39.15'	L = 39.39'	L = 39.27'
(4) Δ = 90°00'00"	(5) Δ = 90°00'00"	(6) 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'



RIO CORTO AVE. SW
STA. 10+00.00 TO STA. 22+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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11-11-05
Diane L. Hoelzer
NMPE 11967

NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION
CONTRACTOR WORK STAKED BY — Hydro Systems — DATE
INSPECTOR'S ACCEPTANCE BY — AIS — DATE
FIELD VERIFICATION BY — AIS — DATE 8/05
DRAWINGS CORRECTED BY — AIS — DATE 8/05

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=3594113, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

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

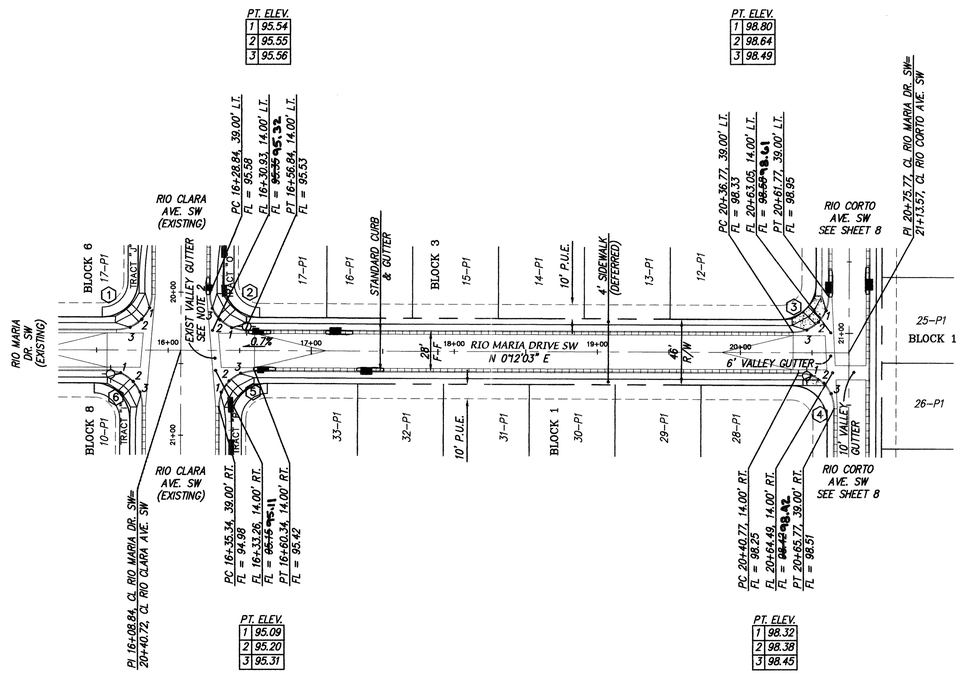
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *HIGHLANDS AT ANDERSON HILLS - UNIT 3*
RIO CORTO AVE. SW
PAVING IMPROVEMENTS

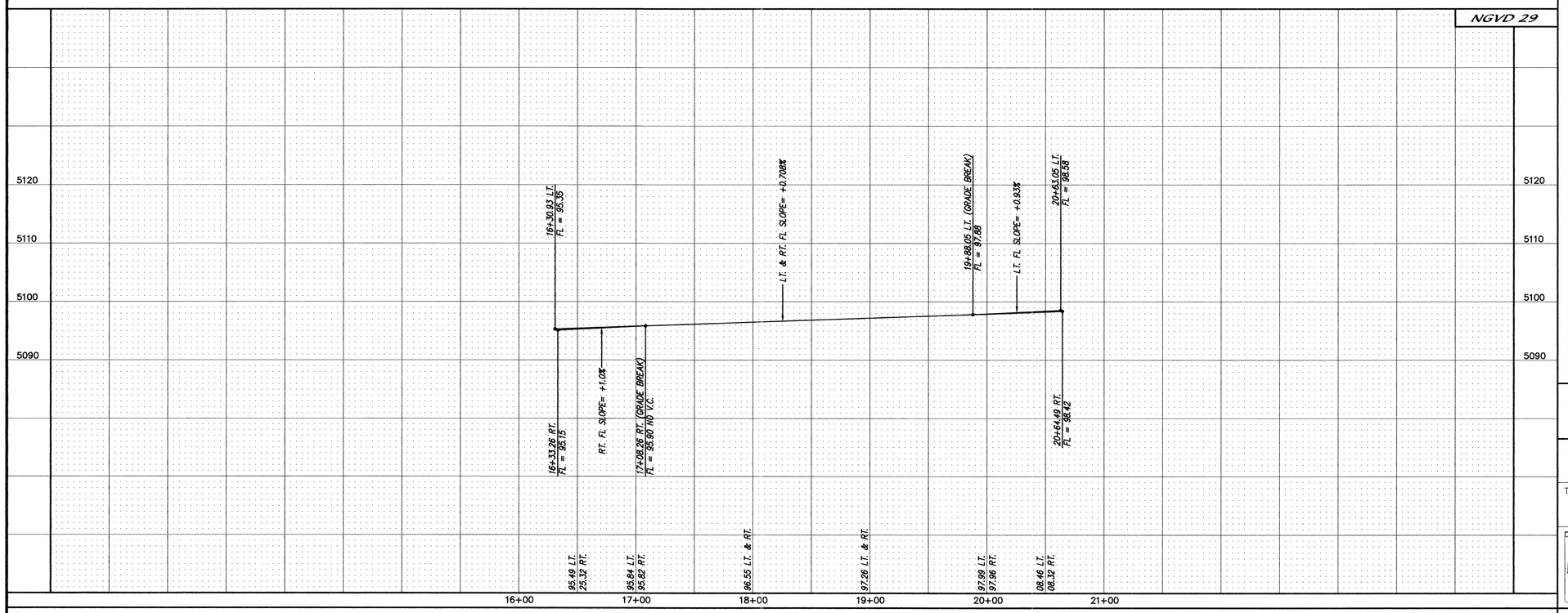
DESIGN REVIEW COMMITTEE — APPROVED — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — APPROVED FEB 28 2005 — CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO. 708183 | ZONE MAP NO. P-9 | SHEET 8 OF 20

A2106ANH/dwg/HIGHLANDS/Plans-U3/RioCorto-PP1 08-23-04 NHE DER TAS



RIO MARIA DR. SW
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A2106ANH/dwg/HIGHLANDS/plans–U3/RioMaria–PP1 08–23–04 NHE DER TAS

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. REMOVE ALL BARRICADES IF NECESSARY.

CURVE DATA – DESCRIBES FACE OF NEW CURB

(1) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	(2) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	(3) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'
(4) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	(5) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	(6) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'

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NMPE 11967

11-11-05

DIANE L. HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

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: *HIGHLANDS AT ANDERSON HILLS - UNIT 3*
RIO MARIA DRIVE SW
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP - 8 04 DESIGN REVIEW COMMITTEE	APPROVED FEB 28 2005 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	9	20

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

STATION "2–P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2–P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=35841.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

AS BUILT INFORMATION

		DATE
CONTRACTOR	Hydro System	
WORK STAKED BY	ALS	
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	ALS	DATE 8/05
DRAWINGS CORRECTED BY	ALS	DATE 8/05

MICRO–FILM INFORMATION

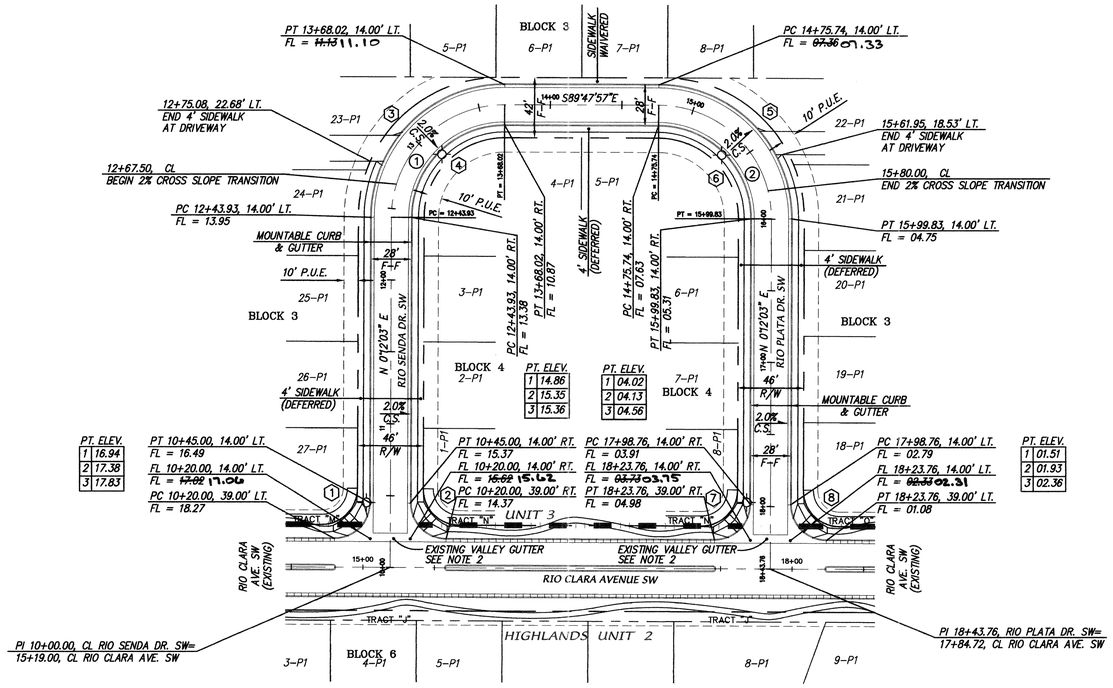
RECORDED BY	DATE
NO.	

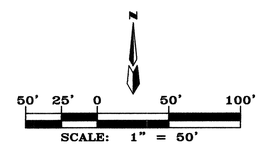
ENGINEER'S SEAL

DIANE L. HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

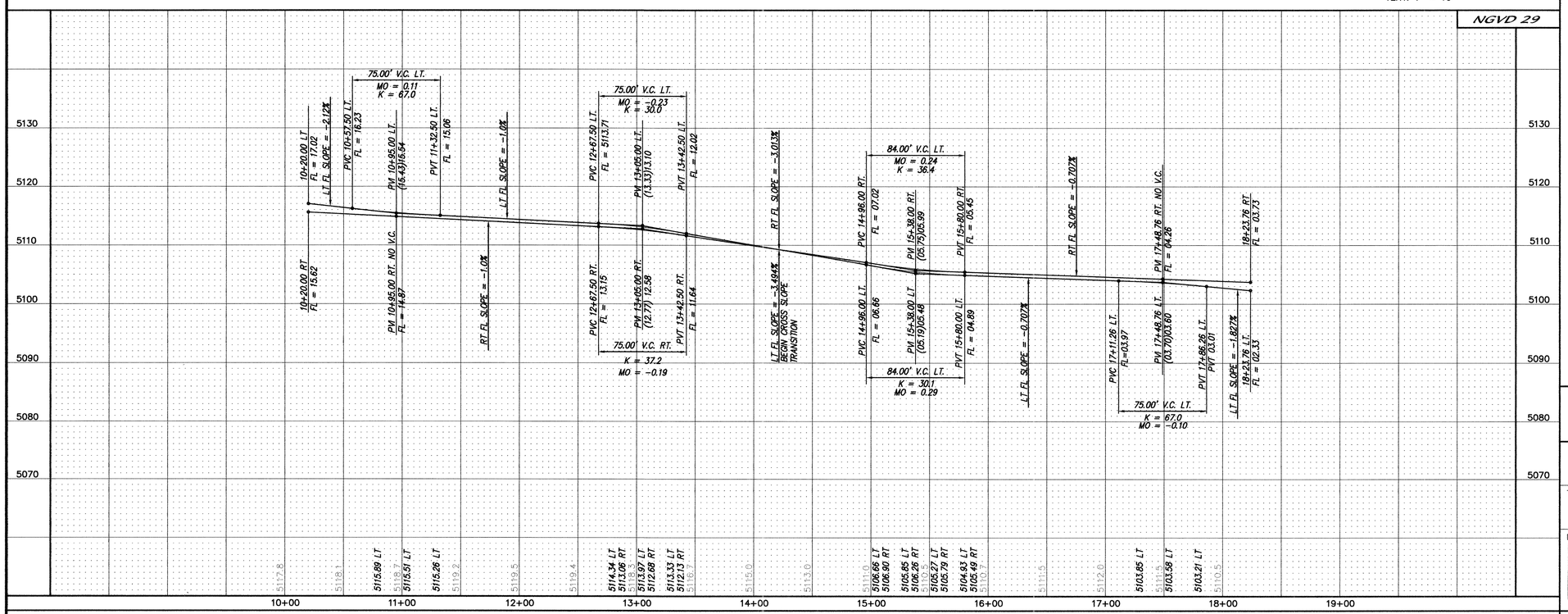
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04





RIO SENDA DR. SW / RIO PLATA DR. SW
STA. 10+00.00 TO STA. 18+39.19
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. REMOVE ALL BARRICADES IF NECESSARY.

CURVE DATA – DESCRIBES CENTERLINE

1	Δ = 90°00'00" R = 75.00' T = 75.00' L = 117.81'	2	Δ = 90°00'00" R = 75.00' T = 75.00' L = 117.81'

CURVE DATA – DESCRIBES FACE OF NEW CURB

1	Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	2	Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	3	Δ = 90°00'00" R = 89.00' T = 89.00' L = 139.80'
4	Δ = 90°00'00" R = 65.00' T = 65.00' L = 102.10'	5	Δ = 90°00'00" T = 89.00' L = 139.80'	6	Δ = 90°00'00" R = 65.00' T = 65.00' L = 102.10'
7	Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	8	Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'		

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 as shown on these plans have been inspected by me or by a qualified person under my direct supervision, and that the improvements are in substantial compliance with the plans and specifications approved by the City Engineer and that the original design intent of the approved drawings has not been changed by more than 10% in the built-construction drawings. This Certification is based on site inspections by me or personnel under my direction, and on information provided by ALS, Inc., NMPS number 7719.

Diane L. Hoelzer 11-11-05
NMPE 11967

AS BUILT INFORMATION

CONTRACTOR	Hydro System	
STAKED BY		DATE
INSPECTOR'S ACCEPTANCE BY	ALS	DATE
FIELD VERIFICATION BY	ALS	DATE 8/05
DRAWINGS CORRECTED BY	ALS	DATE 8/05

BENCH MARKS

STATION "2-P10" IS LOCATED 4.9 MI. SW. OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=50841.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

ENGINEER'S SEAL

DIANE L. HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN		
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

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: HIGHLANDS AT ANDERSON HILLS - UNIT 3
RIO SENDA DR. SW / RIO PLATA DR. SW
PAVING IMPROVEMENTS

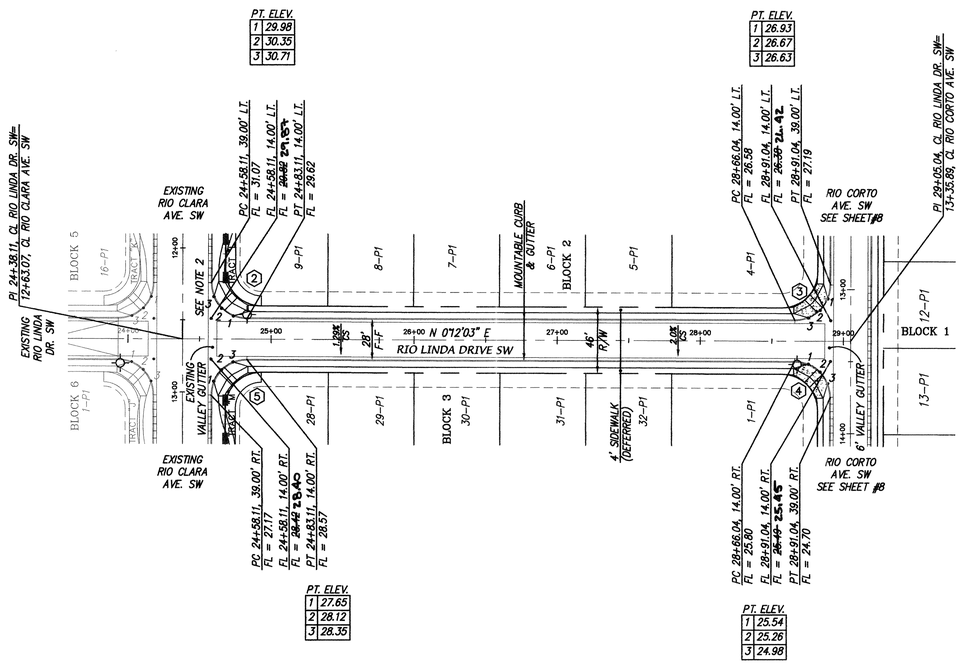
DESIGN REVIEW COMMITTEE: APPROVED SEP 8 04 DESIGN REVIEW COMMITTEE

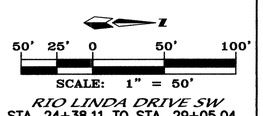
CITY ENGINEER APPROVAL: APPROVED FEB 28 2005 CITY ENGINEER

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

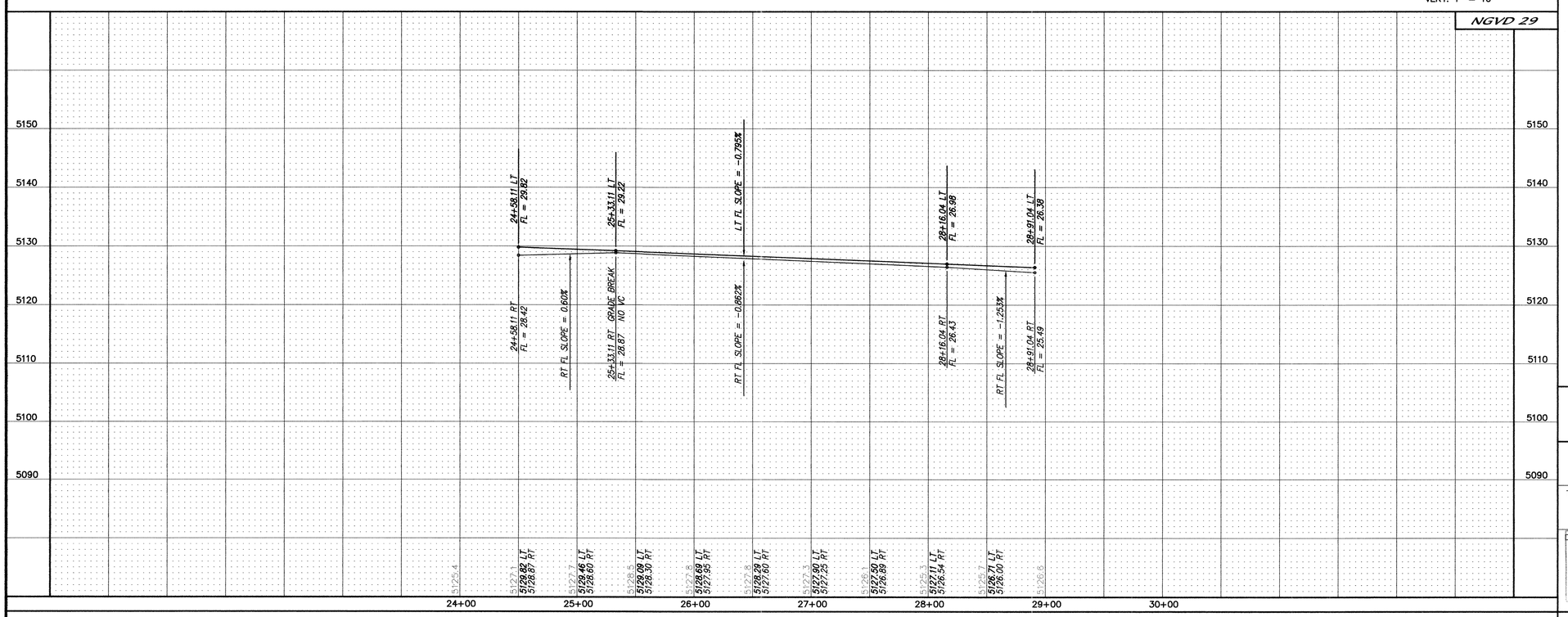
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	10	20

A2106ANH/dwg/HIGHLANDS/plans-U3/RioSenda-Plata-PP1 8-23-04 NHE KJS TAS





RIO LINDA DRIVE SW
STA. 24+38.11 TO STA. 29+05.04
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A2106ANH/dwg/HIGHLANDS/plans-U3/RioLinda-PP1 08-23-04 NHE DER TAS

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. REMOVE ALL BARRICADES IF NECESSARY.

CURVE DATA – DESCRIBES FACE OF NEW CURB

(2) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	(3) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'
(4) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'	(5) Δ = 90°00'00" R = 25.00' T = 25.00' L = 39.27'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 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. Record drawings shown on this as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by ALS, Inc., NMPS number 7719.

11-11-05
NMPE 11967

Diane L. Hoelzer
NEW MEXICO 11967
REGISTERED PROFESSIONAL ENGINEER

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW. OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=3584113, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

AS BUILT INFORMATION

CONTRACTOR	Hydro System	
STAKED BY		DATE
INSPECTOR'S CERTIFICATE BY	eis	DATE
FIELD VERIFICATION BY	eis	DATE 8/05
DRAWINGS CORRECTED BY	eis	DATE 8/05

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO 11967 DIANE L. HOELZER REGISTERED PROFESSIONAL ENGINEER
8-25-04

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

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

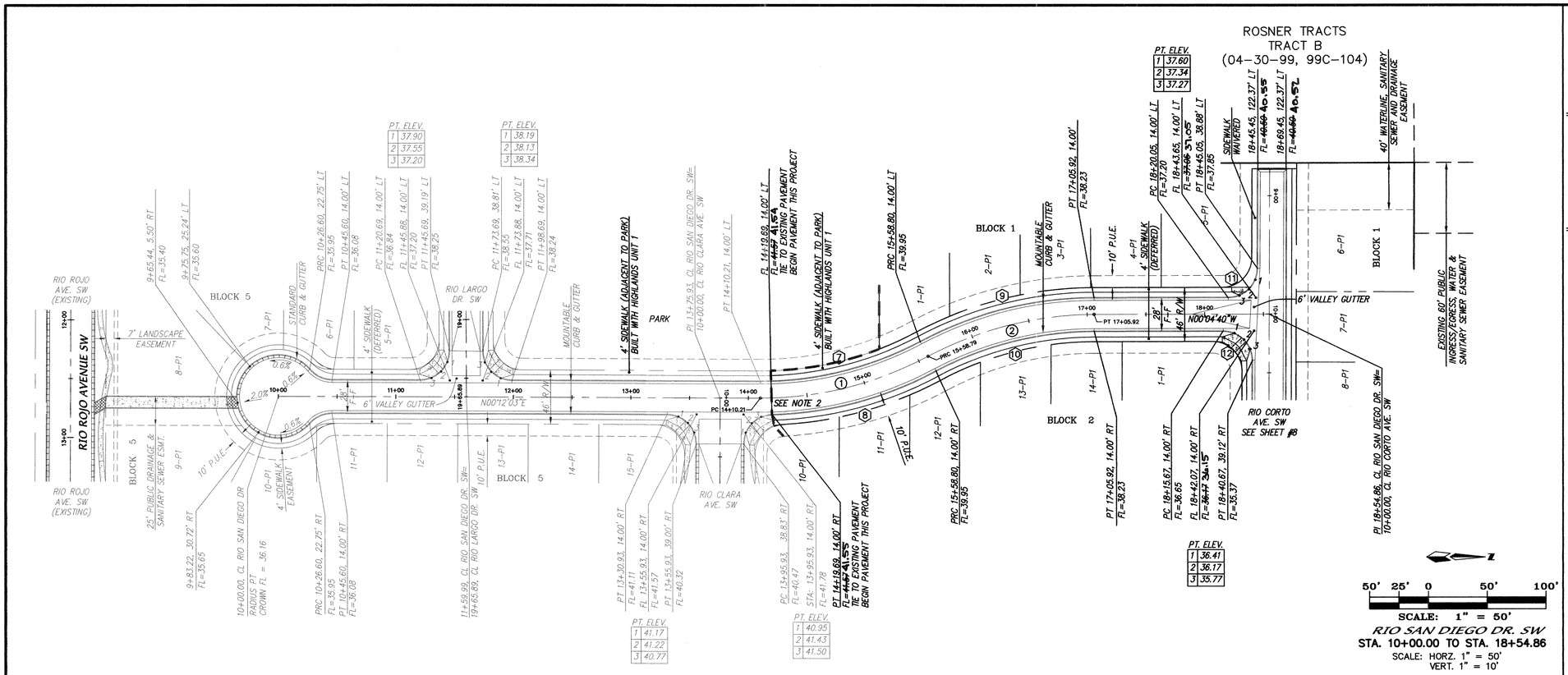
TITLE: HIGHLANDS AT ANDERSON HILLS UNIT 3
RIO LINDA DRIVE SW
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED SEP - 8 '04 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED FEB 28 2005 CITY ENGINEER

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	11	20



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. REMOVE ALL BARRICADES AND CUT OFF WALL, IF NECESSARY.

CURVE DATA – DESCRIBES CENTERLINE

① Δ = 28°22'41"
R = 300.00'
T = 75.85'
L = 148.59'

② Δ = 28°05'57"
R = 300.00'
T = 75.07'
L = 147.13'

CURVE DATA – DESCRIBES FACE OF NEW CURB

⑦ Δ = 26°33'58"
R = 286.00'
T = 72.31'
L = 132.61'

⑧ Δ = 29°22'40"
R = 314.00'
T = 74.13'
L = 145.59'

⑨ Δ = 28°05'57"
R = 314.00'
T = 78.58'
L = 153.99'

⑩ Δ = 28°05'57"
R = 286.00'
T = 71.57'
L = 140.26'

⑪ Δ = 89°43'17"
R = 25.00'
T = 24.88'
L = 39.15'

⑫ Δ = 90°16'43"
R = 25.00'
T = 25.12'
L = 39.39'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify 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 me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and approved information provided by ALS Inc., NMPS number 7719.

Diane L. Hoelzer 11-11-05
NMPE 11967

AS BUILT INFORMATION

CONTRACTOR	Hydro System	
WORK STAKED BY	AS	DATE
INSPECTOR'S FIELD CHANGE BY		DATE
DRAWING CORRECTED BY	AS	DATE 8/05
		DATE 8/05

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=359841.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04

NO.	BY	REMARKS

REVISIONS

		DATE
DESIGN		
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

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

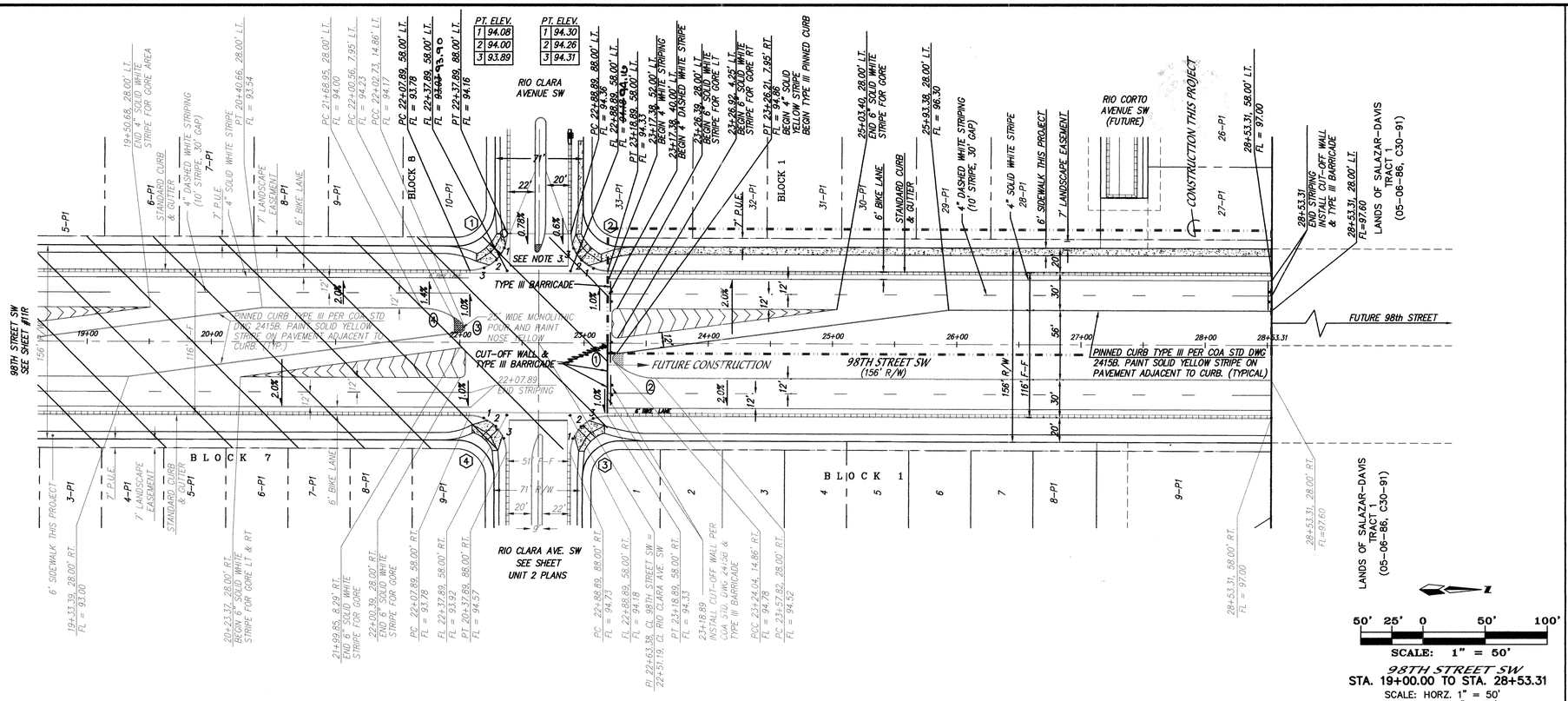
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: HIGHLANDS AT ANDERSON HILLS - UNIT 3
RIO SAN DIEGO DRIVE SW
PAVING IMPROVEMENTS

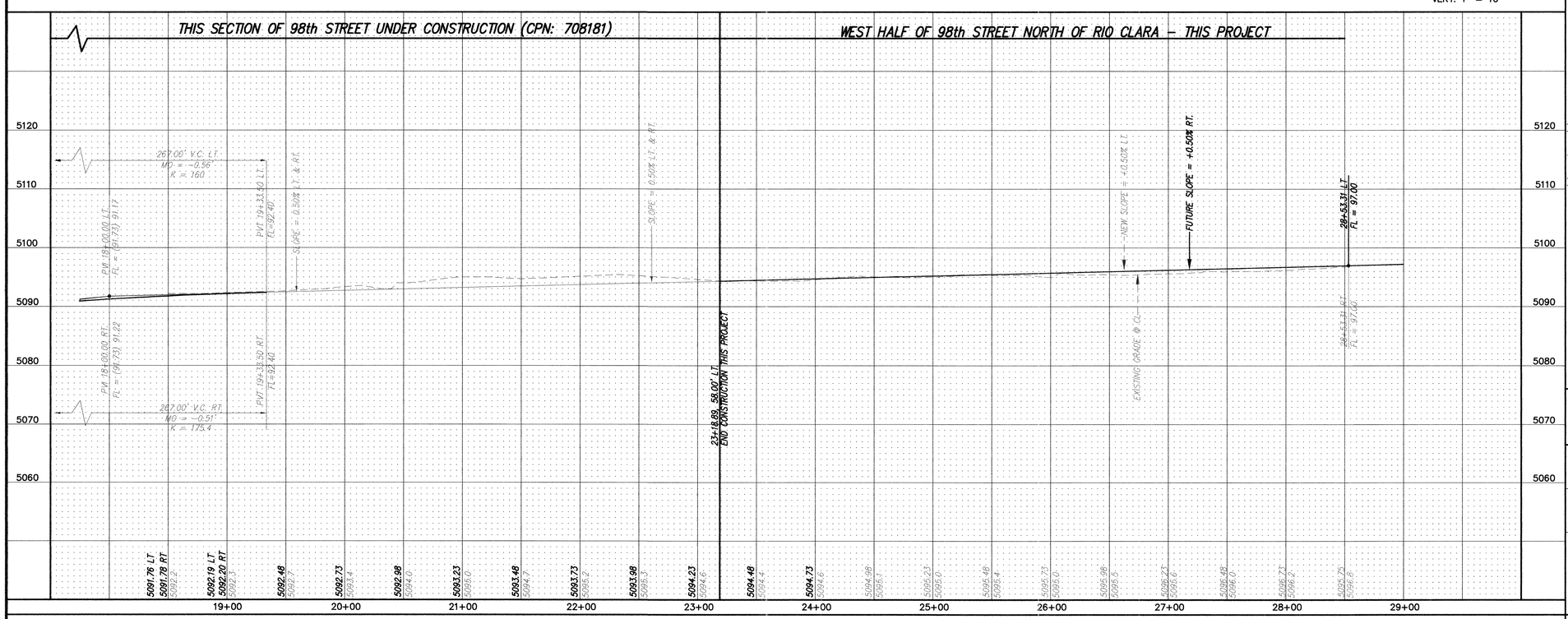
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP 8 '04 DESIGN REVIEW COMMITTEE	APPROVED FEB 28 2005 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	12	20

A2106ANH/dwg/HIGHLANDS/plans-U3/RioSanDiego-PP1 8-23-04 RDQ NHE DER TAS



98TH STREET SW
STA. 19+00.00 TO STA. 28+53.31
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A02JOBS/A2106ANH/dwg/HIGHLANDS/plans-U3/98TH-PP1R1 8-25-04 RDQ NHE TAS

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. 12' WIDE MONOLITHIC POUR AND PAINT NOSE YELLOW.
3. NO PAVEMENT THIS AREA. ONLY CONSTRUCT VALLEY GUTTER, CURB RETURN AND WHEELCHAIR RAMPS. PLACE DIRT BEHIND VALLEY GUTTER FOR PROTECTION. PLACE TYPE III BARRICADE IF NECESSARY.

CURVE DATA – DESCRIBES FACE OF NEW CURB

1. Δ = 90°00'00" R = 30.00' T = 30.00' L = 47.12'
2. Δ = 90°00'00" R = 30.00' T = 30.00' L = 47.12'
3. Δ = 90°00'00" R = 30.00' T = 30.00' L = 47.12'
4. Δ = 90°00'00" R = 30.00' T = 30.00' L = 47.12'

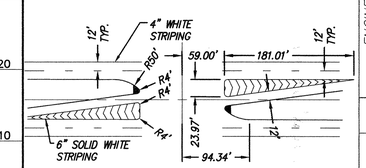
CURVE DATA – DESCRIBES PINNED CURB

1. Δ = 129°50'13" R = 4.00' T = 8.55' L = 9.06'
2. Δ = 42°29'58" R = 50.00' T = 19.44' L = 37.09'
3. Δ = 129°50'13" R = 4.00' T = 8.55' L = 9.06'
4. Δ = 42°29'58" R = 50.00' T = 19.44' L = 37.09'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 construction shown on this plan 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 me on the record construction drawings. This certification is based on site inspections by ALS, Inc. surveyors under my direction, and survey information provided by ALS, Inc. Surveyor number 7719.

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 11967 — 11-1-05



NOTE: PINNED CURB TYPE III PER COA STD DWG 2415B. PAINT 4" SOLID YELLOW STRIPE ON PAVEMENT ADJACENT TO CURB. (TYPICAL)

MEDIAN TURN LANE DETAIL (TYPICAL)
N.T.S.

AS BUILT INFORMATION
CONTRACTOR Hydro Systems DATE
WORK STAKED BY ALS DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY ALS DATE 8/05
DRAWINGS CORRECTED BY ALS DATE 8/05

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=3594113, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 11967 DIANE HOELZER — 10-5-04

NO.	BY	REMARKS REVISIONS	DATE
		DESIGN	
		DESIGNED BY JDH	08/04
		DRAWN BY NHE	08/04
		CHECKED BY DMG	08/04

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: HIGHLANDS AT ANDERSON HILLS - UNIT 3
98TH STREET SW
PAVING IMPROVEMENTS

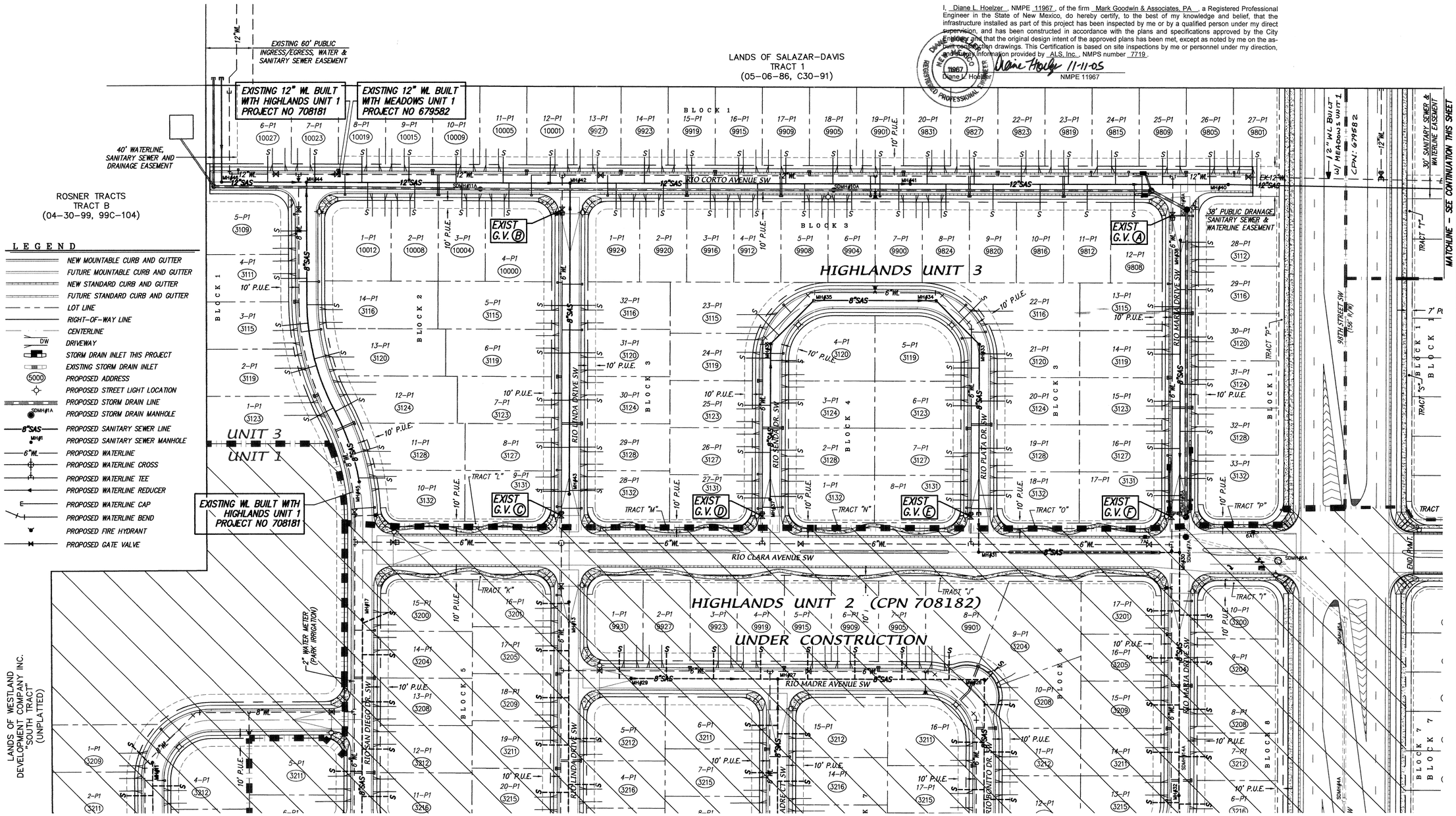
DESIGN REVIEW COMMITTEE: APPROVED SEP - 8 - 04 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED FEB 28 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 708183 | ZONE MAP NO. P-9 | SHEET 13 OF 20

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

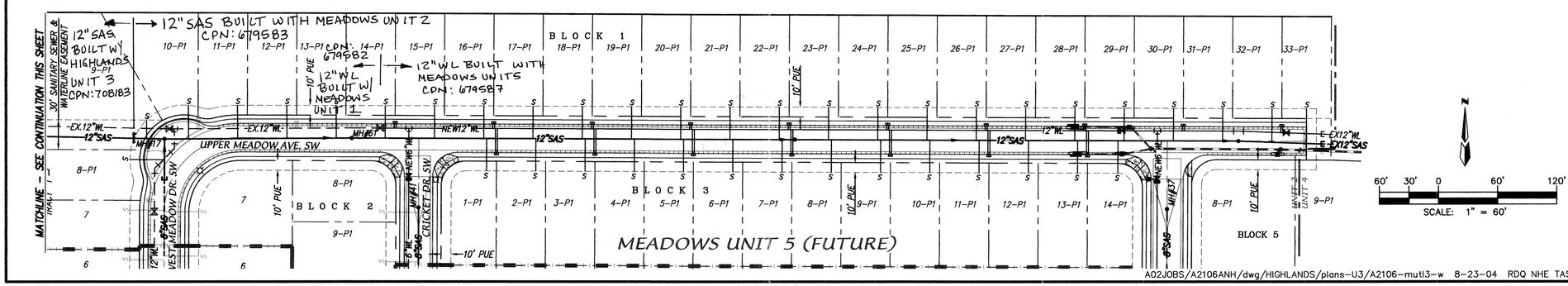
I, Diane L. Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person 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 me on the as-built record drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by ALS, Inc., NMPS number 7719.

Diane L. Hoelzer 11-11-05
Diane L. Hoelzer NMPE 11967



LEGEND

- NEW MOUNTABLE CURB AND GUTTER
- FUTURE MOUNTABLE CURB AND GUTTER
- NEW STANDARD CURB AND GUTTER
- FUTURE STANDARD CURB AND GUTTER
- LOT LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- DW DRIVEWAY
- STORM DRAIN INLET THIS PROJECT
- EXISTING STORM DRAIN INLET
- (5000) PROPOSED ADDRESS
- PROPOSED STREET LIGHT LOCATION
- PROPOSED STORM DRAIN LINE
- SDMH#1A PROPOSED STORM DRAIN MANHOLE
- 8"SAS PROPOSED SANITARY SEWER LINE
- MH#1 PROPOSED SANITARY SEWER MANHOLE
- 6"WL PROPOSED WATERLINE
- PROPOSED WATERLINE CROSS
- PROPOSED WATERLINE TEE
- PROPOSED WATERLINE REDUCER
- PROPOSED WATERLINE CAP
- PROPOSED WATERLINE BEND
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE



SCALE: 1" = 60'

A02JOBS/A2106ANH/dwg/HIGHLANDS/plans-U3/A2106-mutl3-w 8-23-04 RDQ NHE TAS

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	AIS	DATE
INSPECTOR'S FIELD VERIFICATION BY	AIS	DATE 8/05
FIELD DEFICIENCIES CORRECTED BY	AIS	DATE 8/05

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM. CAP. STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=35941.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY	DLH	DATE 08/04
DRAWN BY	NHE	DATE 08/04
CHECKED BY	DMG	DATE 08/04

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: HIGHLANDS AT ANDERSON HILLS UNIT 3
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE: APPROVED STP 8 '04 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED FEB 2 8 2005 CITY ENGINEER

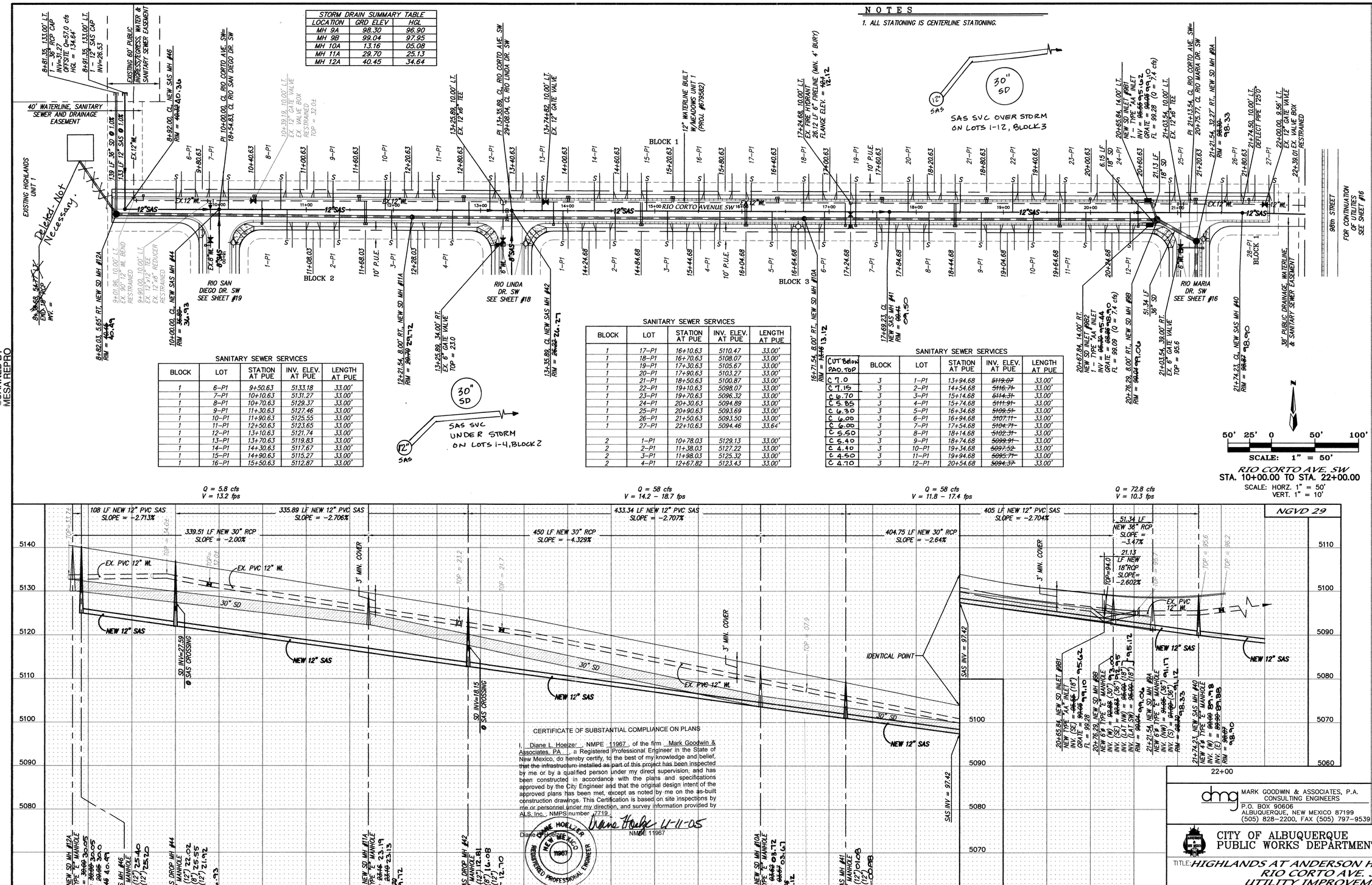
LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	14	20

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

STORM DRAIN SUMMARY TABLE		
LOCATION	GRD ELEV	HGL
MH 9A	98.30	96.90
MH 9B	99.04	97.95
MH 10A	13.16	05.08
MH 11A	29.70	25.13
MH 12A	40.45	34.64



SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	6-P1	9+50.63	5133.18	33.00'
1	7-P1	10+10.63	5131.27	33.00'
1	8-P1	10+70.63	5129.37	33.00'
1	9-P1	11+30.63	5127.46	33.00'
1	10-P1	11+90.63	5125.55	33.00'
1	11-P1	12+50.63	5123.65	33.00'
1	12-P1	13+10.63	5121.74	33.00'
1	13-P1	13+70.63	5119.83	33.00'
1	14-P1	14+30.63	5117.67	33.00'
1	15-P1	14+90.63	5115.27	33.00'
1	16-P1	15+50.63	5112.87	33.00'

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	17-P1	16+10.63	5110.47	33.00'
1	18-P1	16+70.63	5108.07	33.00'
1	19-P1	17+30.63	5105.67	33.00'
1	20-P1	17+90.63	5103.27	33.00'
1	21-P1	18+50.63	5100.87	33.00'
1	22-P1	19+10.63	5098.07	33.00'
1	23-P1	19+70.63	5096.32	33.00'
1	24-P1	20+30.63	5094.89	33.00'
1	25-P1	20+90.63	5093.69	33.00'
1	26-P1	21+50.63	5093.50	33.00'
1	27-P1	22+10.63	5094.46	33.64'
2	1-P1	10+78.03	5129.13	33.00'
2	2-P1	11+38.03	5127.22	33.00'
2	3-P1	11+98.03	5125.32	33.00'
2	4-P1	12+67.82	5123.43	33.00'

SANITARY SEWER SERVICES

CUT BELOW PAD. TOP	BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
C 7.0	3	1-P1	13+94.68	~~5119.07~~	33.00'
C 7.15	3	2-P1	14+54.68	~~5116.71~~	33.00'
C 6.70	3	3-P1	15+14.68	~~5114.31~~	33.00'
C 5.85	3	4-P1	15+74.68	~~5111.91~~	33.00'
C 6.30	3	5-P1	16+34.68	~~5109.51~~	33.00'
C 6.00	3	6-P1	16+94.68	~~5107.11~~	33.00'
C 6.00	3	7-P1	17+54.68	~~5104.71~~	33.00'
C 5.50	3	8-P1	18+14.68	~~5102.31~~	33.00'
C 5.40	3	9-P1	18+74.68	~~5099.91~~	33.00'
C 4.40	3	10-P1	19+34.68	~~5097.52~~	33.00'
C 4.50	3	11-P1	19+94.68	~~5095.71~~	33.00'
C 4.70	3	12-P1	20+54.68	~~5094.37~~	33.00'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 me 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 ALS, Inc., NMPS number 17719.

Diane L. Hoelzer 11-11-05

Diane L. Hoelzer NMPE 11967

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 11967

AS BUILT INFORMATION

CONTRACTOR Hydro Systems
WORK STAKED BY — DATE
INSPECTOR'S INITIALS — DATE
FIELD VERIFICATION BY RS DATE 8/05
DRAWINGS CORRECTED BY RS DATE 8/05

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=-35841.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN		08/04
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

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: HIGHLANDS AT ANDERSON HILLS - UNIT 3
RIO CORTO AVE. SW
UTILITY IMPROVEMENTS

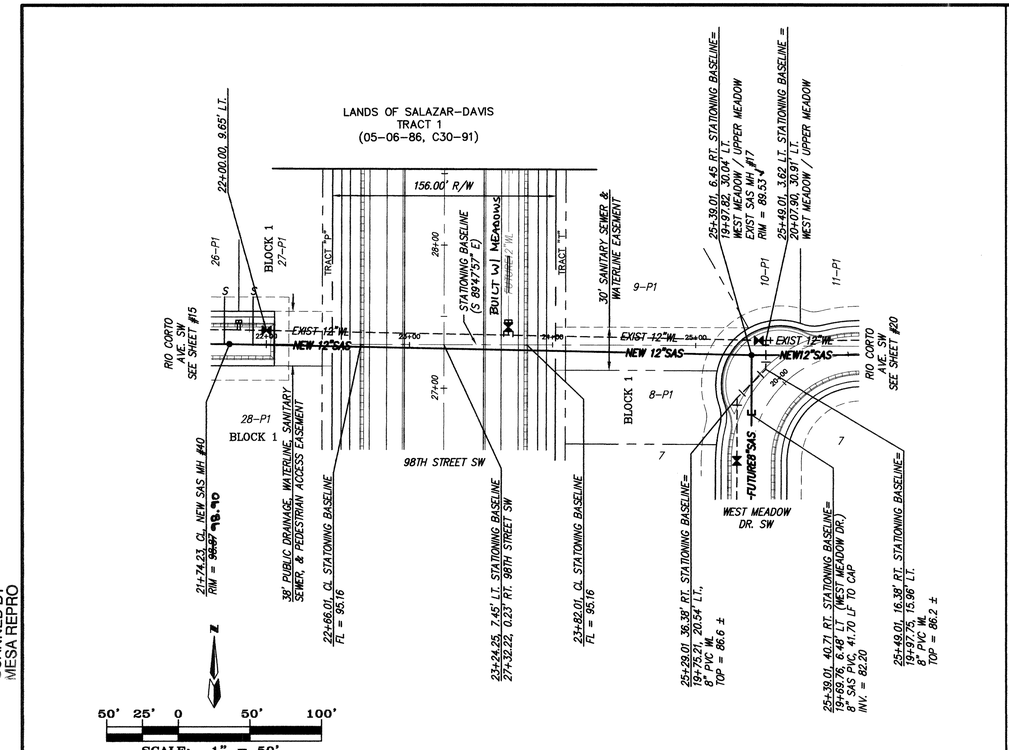
DESIGN REVIEW COMMITTEE: APPROVED SEP 8 '04 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED FEB 28 2005 CITY ENGINEER

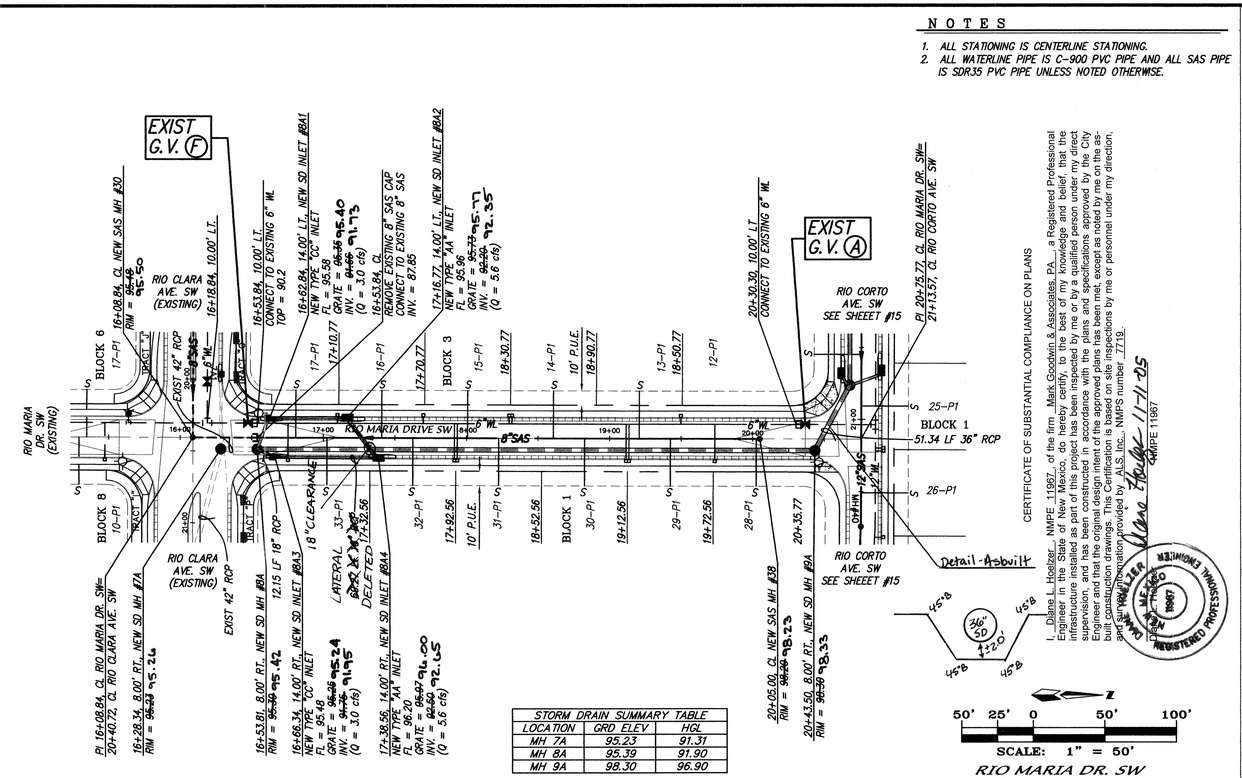
LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 708183 | ZONE MAP NO. P-9 | SHEET 15 OF 20

2106ANH/dwg/HIGHLANDS/plans-U3/RioCorto-UT1 8-23-04 NHE TAS



OFFSITE UTILITIES / RIO CORTO AVE. SW
STA. 21+74.23 TO STA. 27+28.98
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



RIO MARIA DR. SW
STA. 16+08.84 TO STA. 20+75.77
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

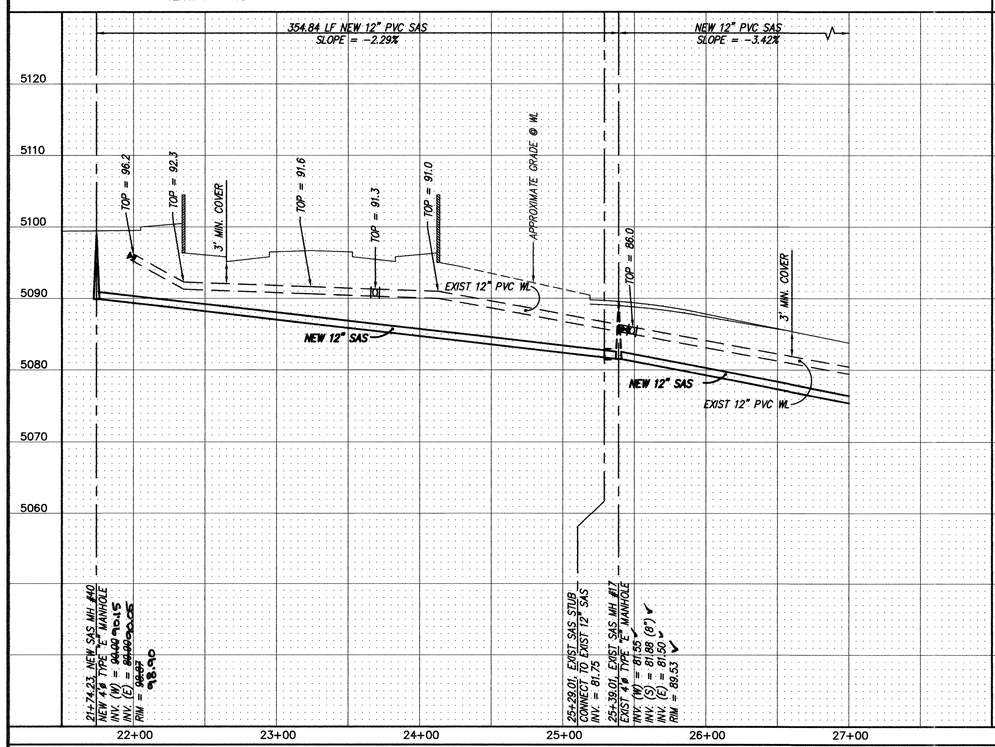
1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL WATERLINE PIPE IS C-900 PVC PIPE AND ALL SAS PIPE IS SDR35 PVC PIPE UNLESS NOTED OTHERWISE.

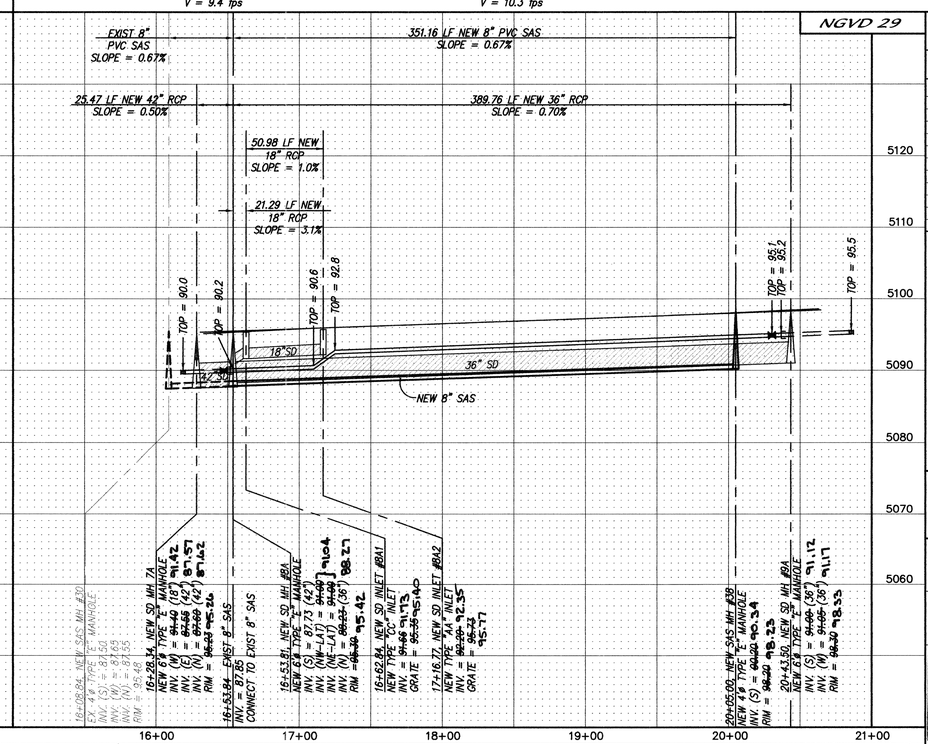
STORM DRAIN SUMMARY TABLE		
LOCATION	GRD ELEV	HGL
MH 7A	95.23	91.31
MH 8A	95.39	91.90
MH 9A	98.30	96.90

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 installed as part of this project have been inspected by me or by a qualified person under my direct supervision, and that the improvements conform with the approved 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 me 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 ALS, Inc., NMPS number 7719.

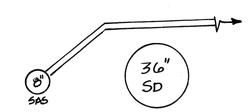
Diane L. Hoelzer 11-11-05
DIANE L. HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER





SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
C ⊢ 1 5.5	28–P1	20+02.56	~~5090.84~~	33.00'
C ⊢ 1 5.0	29–P1	19+42.56	~~5091.26~~	33.00'
C ⊢ 1 4.7	30–P1	18+82.56	~~5091.71~~	33.00'
C ⊢ 1 4.2	31–P1	18+22.56	~~5092.15~~	33.00'
C ⊢ 1 4.15	32–P1	17+62.56	~~5092.56~~	33.00'
C ⊢ 1 4.1	33–P1	17+02.56	~~5092.90~~	33.00'
3	13–P1	19+20.77	5090.63	33.00'
3	14–P1	18+60.77	5091.13	33.00'
3	15–P1	18+00.77	5091.55	33.00'
3	16–P1	17+40.77	5091.98	33.00'
3	17–P1	16+80.77	5090.63	33.00'

C⊢ = CUT BELOW PAD.



LOTS 28-33, BLOCK 1 SAS SVC'S INSTALLED OVER STORM DRAIN.

mg 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: *HIGHLANDS AT ANDERSON HILLS - UNIT 3*
98th STREET / RIO MARIA DRIVE SW
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP - 6 2004 DESIGN REVIEW COMMITTEE	APPROVED FEB 28 2005 CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	16	20

AS BUILT INFORMATION
CONTRACTOR Hydro Systems DATE
WORK STAKED BY ALS DATE
INSPECTOR'S ACCEPTANCE DATE
FIELD VERIFICATION BY ALS DATE 8/05
DRAWINGS CORRECTED BY ALS DATE 8/05
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=3584113, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

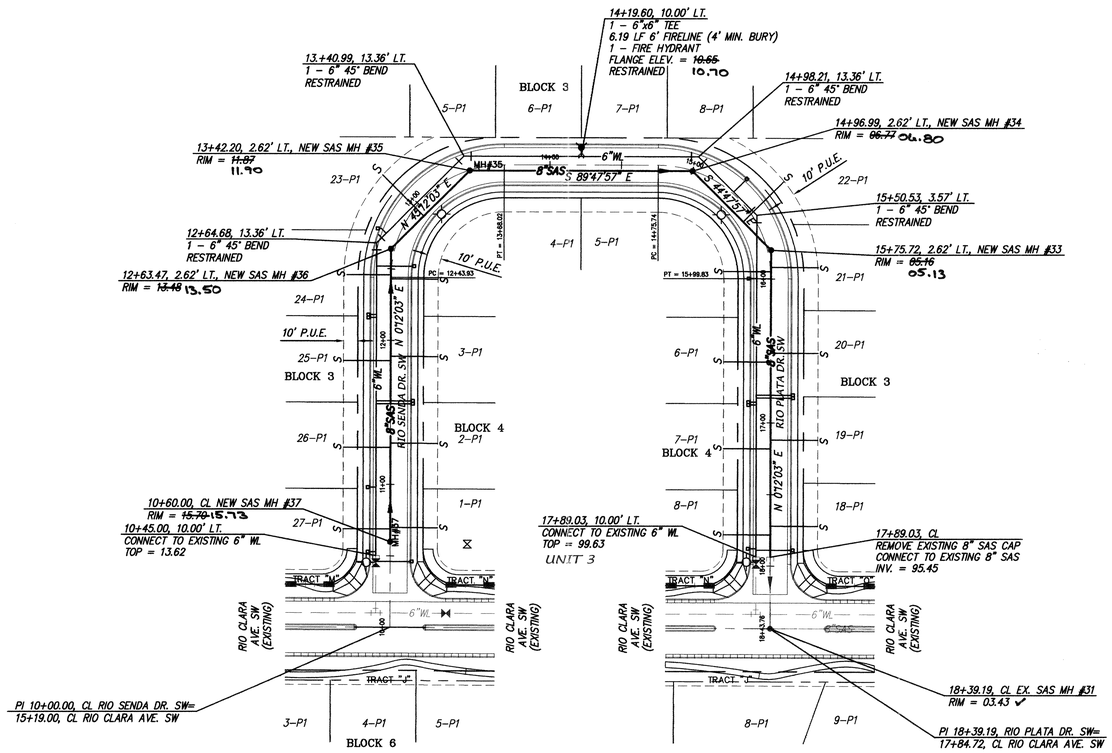
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

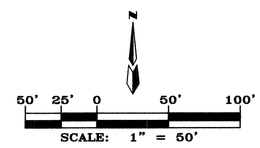
ENGINEER'S SEAL
DIANE L. HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
8-25-04

NO.	DATE	REMARKS	BY
		REVISIONS	

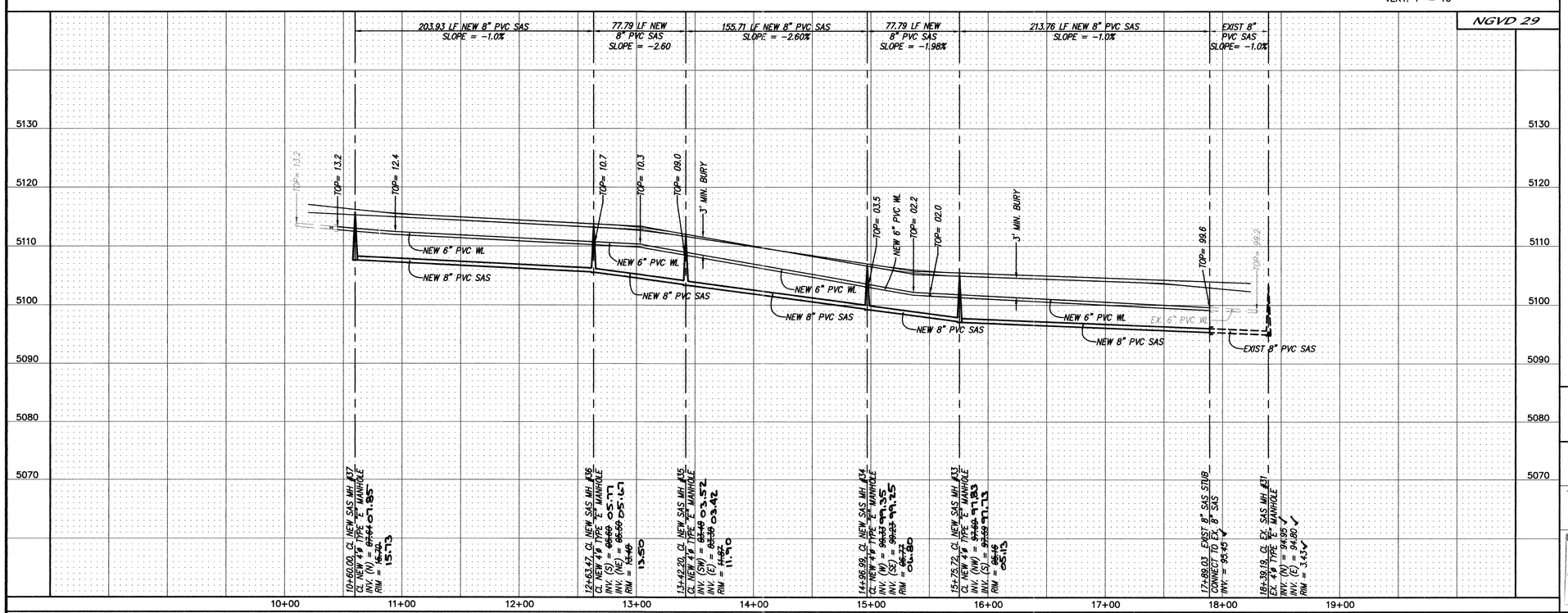
		DATE
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

A2106ANH/dwg/HIGHLANDS/plans-U3/RioMaria-UT1 08-23-04 NHE TAS





RIO SENDA DR. SW / RIO PLATA DR. SW
STA. 10+00.00 TO STA. 18+39.19
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A2106ANH/dwg/HIGHLANDS/plans-U3/RioSenda-Plata-ut1 8-23-04 NHE KJS TAS

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
3	18–P1	17+67.27	5098.3	33.00'
3	19–P1	17+07.27	5099.3	33.00'
3	20–P1	16+47.27	5099.4	33.00'
3	21–P1	15+89.72	5099.9	33.00'
3	22–P1	15+44.18	5100.1	40.24'
3	23–P1	12+98.24	5108.2	40.63'
3	24–P1	12+45.30	5108.9	33.00'
3	25–P1	11+85.86	5109.5	33.00'
3	26–P1	11+25.86	5110.1	33.00'
3	27–P1	10+69.00	5110.98	36.25'
4	1–P1	10+70.00	5110.12	37.12'
4	2–P1	11+28.86	5109.5	33.00'
4	3–P1	11+88.86	5108.9	33.00'
4	4–P1	12+42.86	5108.3	33.00'
4	5–P1	15+86.32	5099.8	33.00'
4	6–P1	16+53.34	5099.9	33.00'
4	7–P1	17+13.34	5099.5	33.00'
4	8–P1	17+73.34	5099.0	33.00'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 improvements covered by this construction plan have 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 me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and on information provided by ALS, Inc., NMPS number 17719.

Diane L. Hoelzer NMPE 11967 11-11-05

AS BUILT INFORMATION
CONTRACTOR Hydro Systems KM
WORK STAKED BY PB DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY PB DATE 8-05
DRAWINGS CORRECTED BY RLS DATE 8-05
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=35841.13, Y=1494349.24 (NAD 27) Z=4891 (NGVD 29).

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE L. HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

		DATE
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

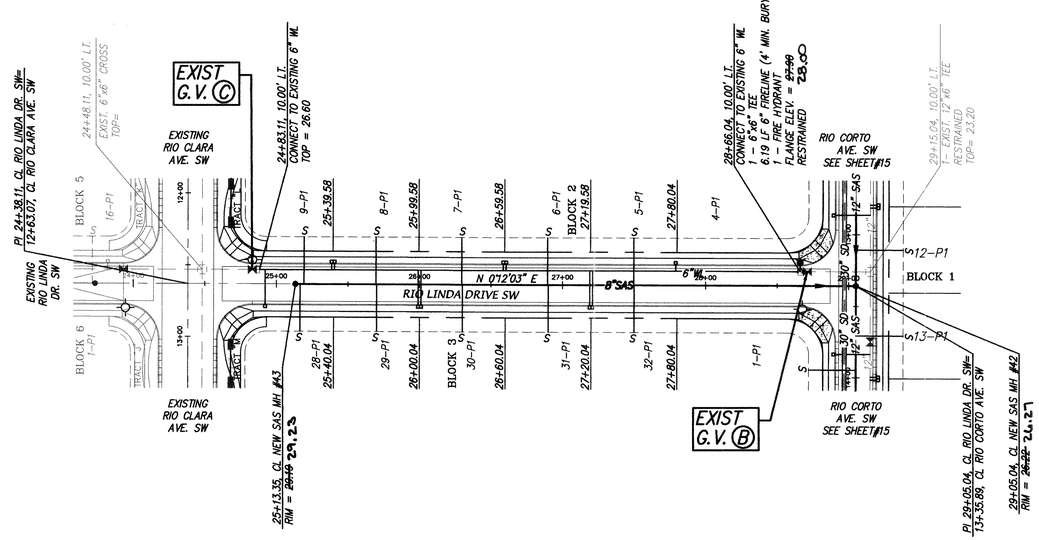
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *HIGHLANDS AT ANDERSON HILLS - UNIT 3*
RIO SENDA DR. SW / RIO PLATA DR. SW
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED SEP - 8 2004 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED FEB 28 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	17	20



50' 25' 0 50' 100'

SCALE: 1" = 50'

RIO LINDA DRIVE SW
STA. 24+38.11 TO STA. 29+05.04
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

N O T E S

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL WATERLINE PIPE IS C-900 PVC PIPE AND ALL SAS PIPE IS SDR35 PVC PIPE UNLESS NOTED OTHERWISE.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
2	5–P1	27+49.81	5122.51	33.00'
2	6–P1	26+89.58	5122.9	33.00'
2	7–P1	26+29.58	5123.4	33.00'
2	8–P1	25+69.58	5123.9	33.00'
2	9–P1	25+19.35	5124.3	34.55'
3	28–P1	25+16.58	5123.5	35.64'
3	29–P1	25+70.04	5123.1	33.00'
3	30–P1	26+30.04	5122.7	33.00'
3	31–P1	26+90.04	5122.3	33.00'
3	32–P1	27+50.04	5121.8	33.00'

AS BUILT INFORMATION

CONTRACTOR	Hydro Systems	
WORK STAKED BY	ELS	DATE
INSPECTOR'S FIELD VERIFICATION BY	ELS	DATE 8/05
GRAPHICAL DOCUMENTATION BY	ELS	DATE 8/05
CORRECTED BY	ELS	
MICRO–FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

STATION "2–P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2–P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=35941.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

NO.	BY	DATE

FIELD NOTES

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and supporting data provided by AIS, Inc., NMPS number 11719.

Diane L. Hoelzer 11-11-05
NMPE 11967

ENGINEER'S SEAL

DIANE L. HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 8-25-04

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

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

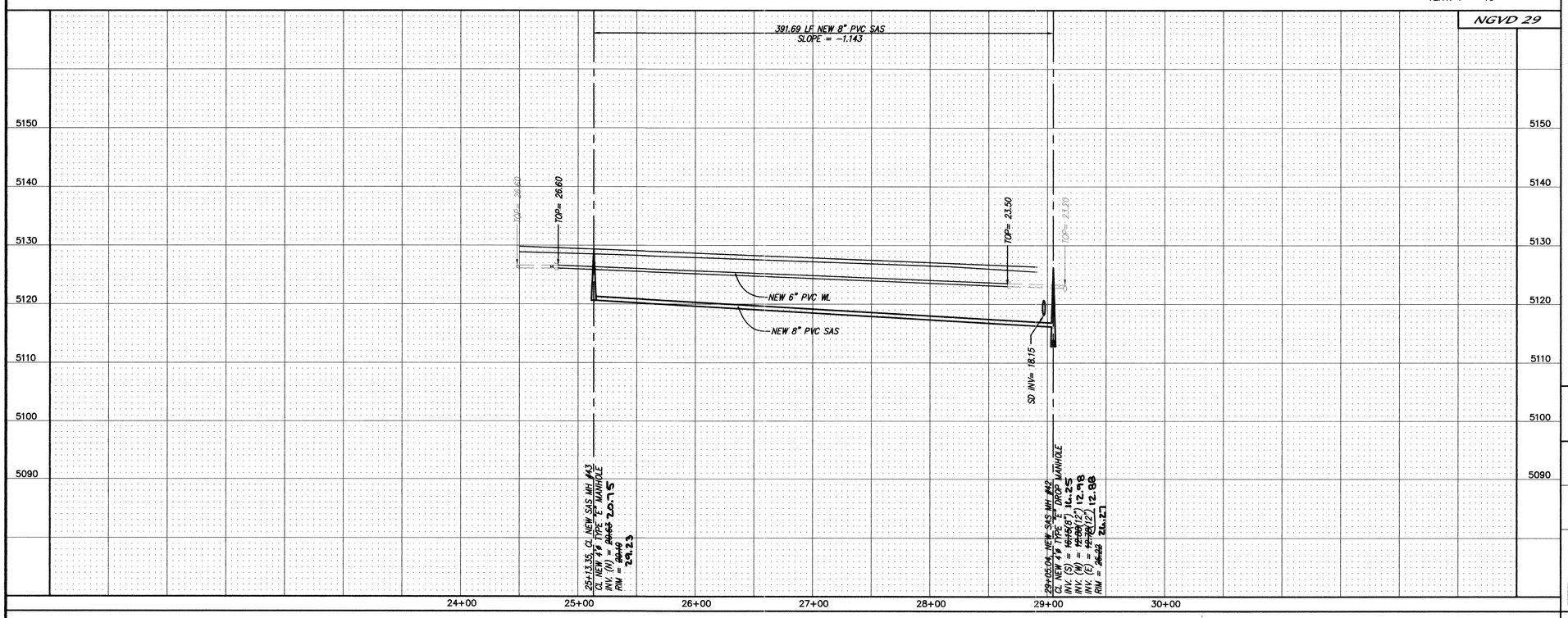
TITLE: *HIGHLANDS AT ANDERSON HILLS UNIT 3*
RIO LINDA DRIVE SW
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED SEP – 8 2004 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED FEB 28 2005 CITY ENGINEER

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
708183	P-9	18	20



A2106ANH/dwg/HIGHLANDS/plans–U3/RioLinda–UT1 08–23–04 NHE TAS

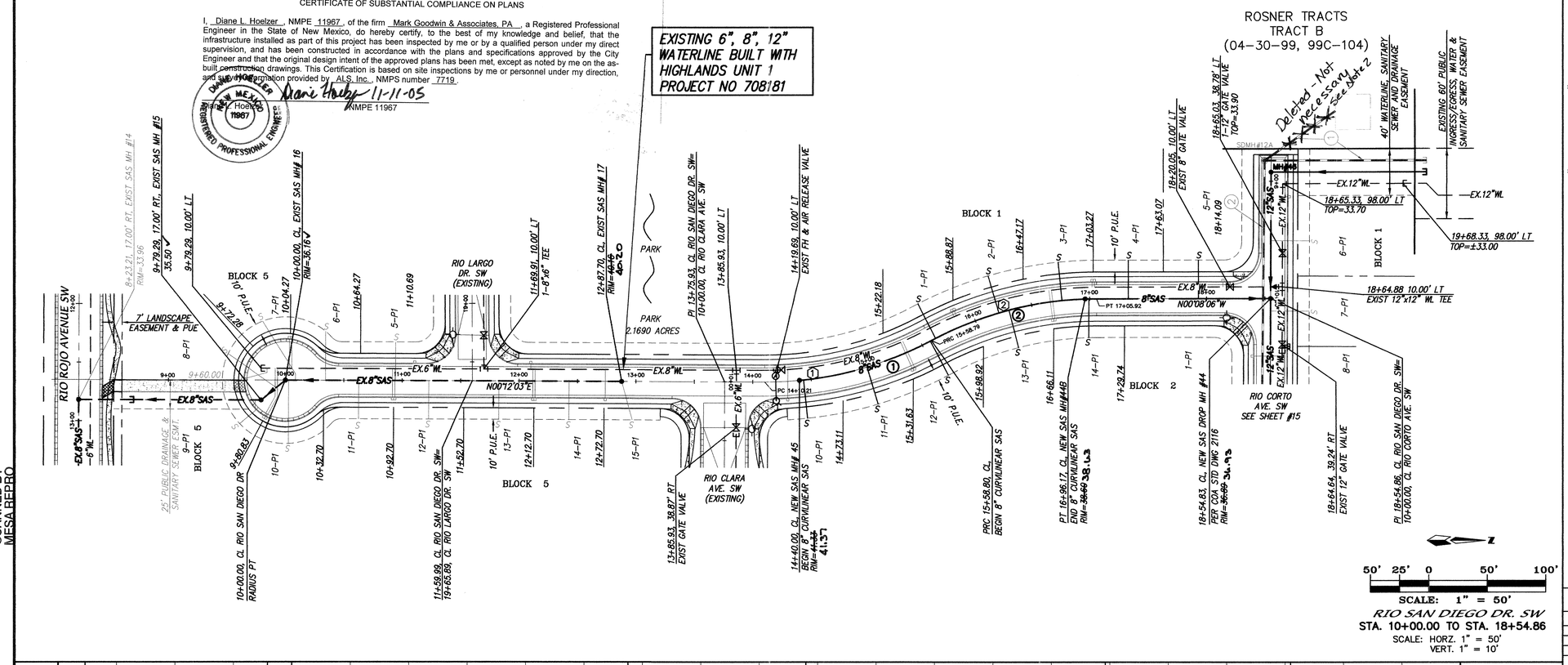
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

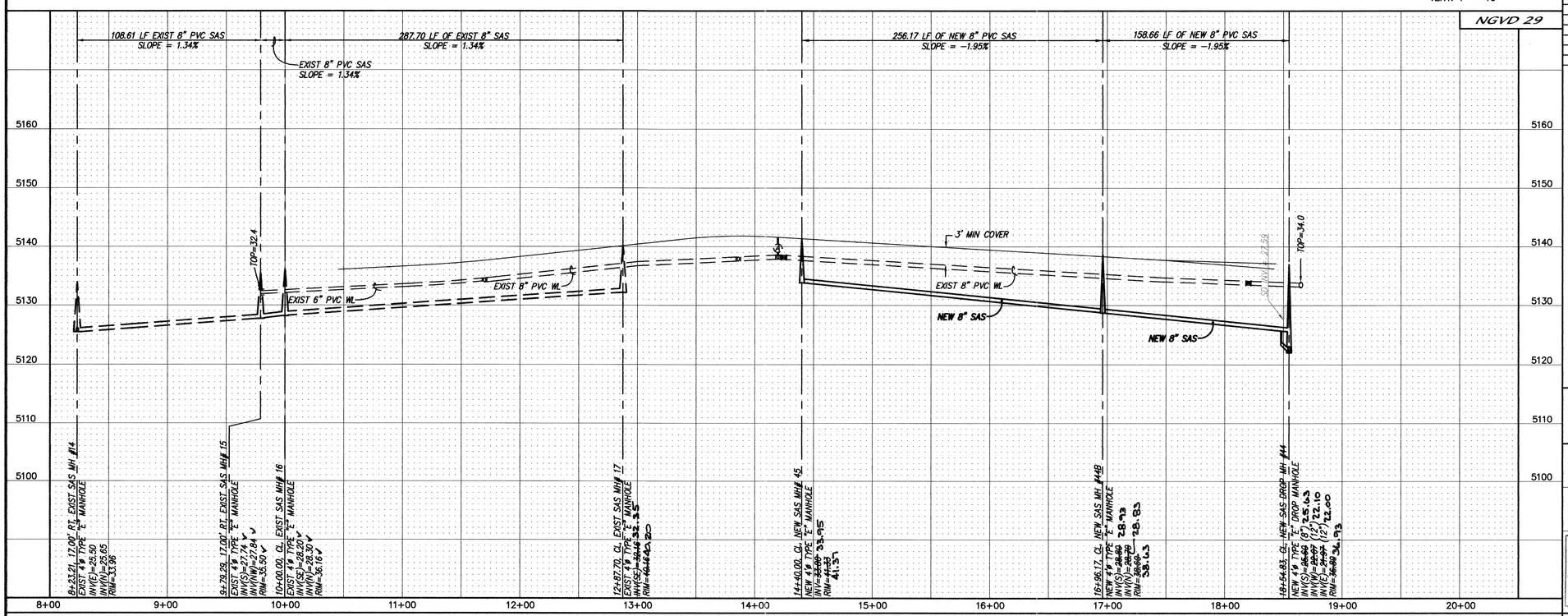
I, Diane L. Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person 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 me 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 ALS, Inc., NMPS number 7719.

Diane L. Hoelzer 11967 — NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

Diane Hoelzer 11-11-05

NMPE 11967





NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. Anderson Heights developing - not necessary

CURVE DATA – DESCRIBES CURVILINEAR SAS

① Δ = 18°21'35" R = 300' T = 48.48' L = 96.13'

② Δ = 26°14'14" R = 300' T = 69.92' L = 137.38'

CURVE DATA – DESCRIBES CURVILINEAR WL

① Δ = 28°22'50" R = 290' T = 73.33' L = 143.65'

② Δ = 26°14'14" R = 310' T = 72.25' L = 141.96'

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

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'
12"	30'	12'	6'	3'	95'

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"x8"	8'	5'
8"x6"x6"	7'	5'
6"x6"x6"	10'	2'

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	1	15+62.85	34.97	37.06'
1	2	16+21.15	34.20	34.52'
1	3	16+76.27	33.55	33.18'
1	4	17+33.07	32.88	33.08'
1	5	17+97.07	31.94	33.08'
2	10	14+43.52	36.29	33.00'
2	11	14+99.06	35.64	34.69'
2	12	15+57.69	34.95	37.00'
2	13	16+30.15	34.09	34.00'
2	14	16+98.41	33.29	33.05'

AS BUILT INFORMATION

CONTRACTOR: Hydro System
WORK STAKED BY: ALS
INSPECTOR'S ACCEPTANCE BY: DATE 8/05
FIELD VERIFICATION BY: ALS DATE 8/05
DRAWINGS CORRECTED BY: ALS DATE 8/05

BENCH MARKS

STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VSTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSWIFE, THEN GO S. ON CONDERSHIFE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT. ABOVE THE GROUND. X=3584113, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER — NEW MEXICO — 11967 — REGISTERED PROFESSIONAL ENGINEER — 10-25-04

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

		DATE
DESIGNED BY	DLH	08/04
DRAWN BY	NHE	08/04
CHECKED BY	DMG	08/04

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: HIGHLANDS AT ANDERSON HILLS - UNIT 3
RIO SAN DIEGO DRIVE SW
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED SEP - 6 2004 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED FEB 28 2005 CITY ENGINEER

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

CITY PROJECT NO. 708183 | ZONE MAP NO. P-9 | SHEET 19 OF 20

A2106ANH/dwg/HIGHLANDS/plans-U3/RioSanDiego-ut1 8-23-04 RDQ NHE TAS

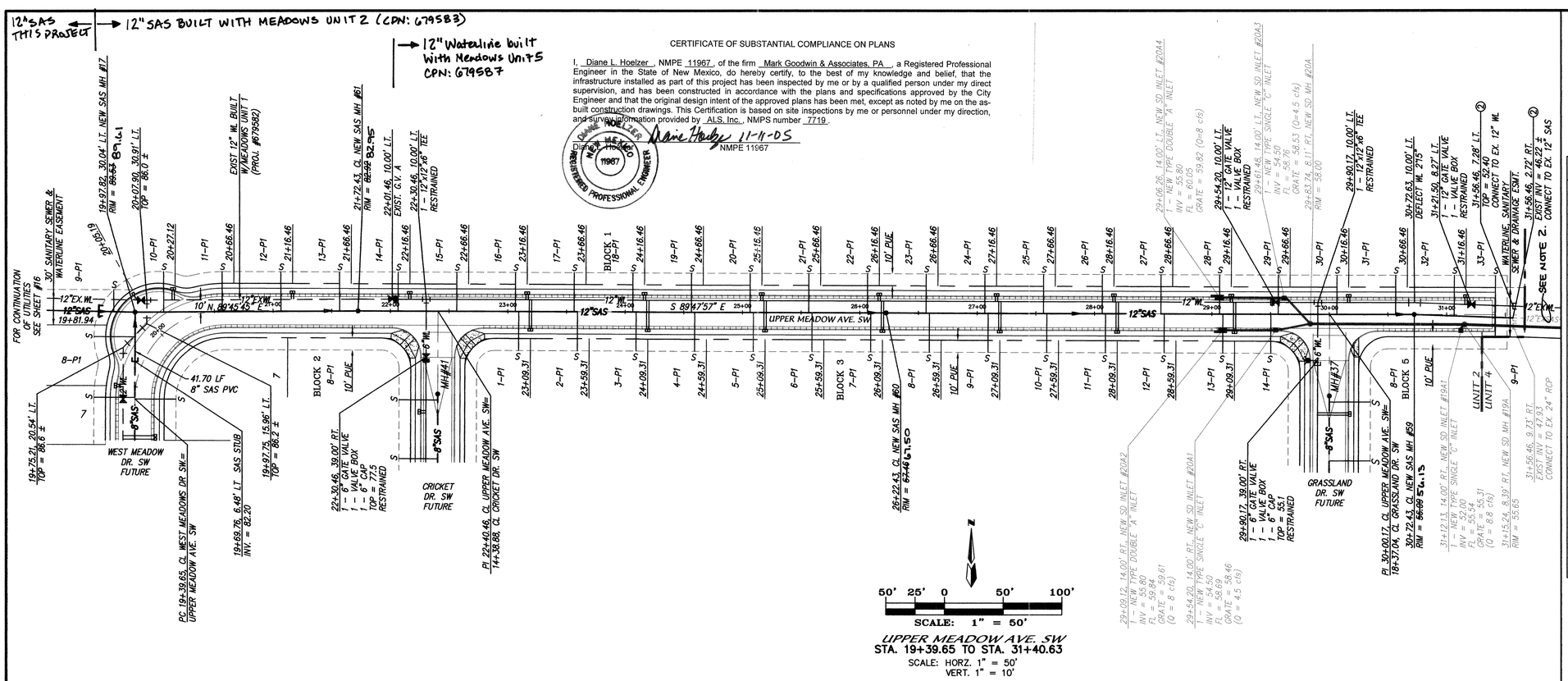
12"SAS THIS PROJECT → 12" SAS BUILT WITH MEADOWS UNIT 2 (CPN: 679583)

→ 12" Waterline built with Meadows Unit 5 CPN: 679587

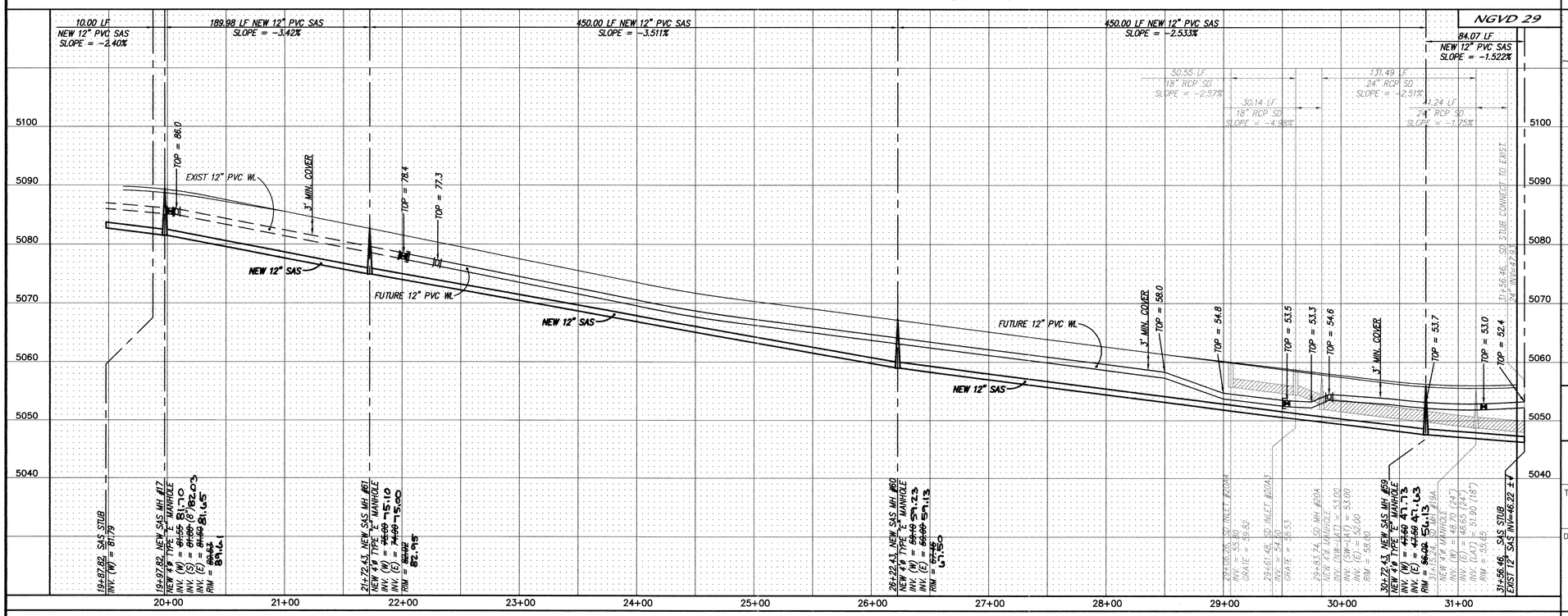
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. Hoelzer, NMPE 11967, 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 me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direct, and supervision. Information provided by ALS, Inc., NMPS number 7719.

Diane L. Hoelzer 11-11-05
NMPE 11967



UPPER MEADOW AVE. SW
STA. 19+39.65 TO STA. 31+40.63
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A2106ANH/dwg/HIGHLANDS/Plans-U3/Upper-Meadow-ut1 08-23-04 TAS

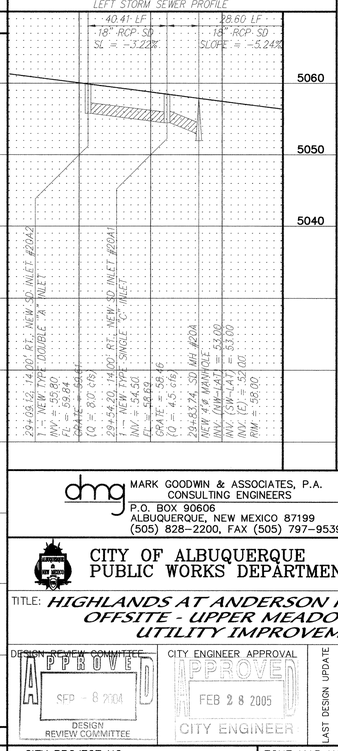
NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. EXISTING WATERLINE & SANITARY SEWER BUILT WITH MEADOWS UNIT 4 CPN 679586 (UNDER CONSTRUCTION).

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	9–P1	19+89.94	5084.44	19.09'
1	10–P1	20+24.40	5083.53	34.11'
1	11–P1	20+56.76	5082.27	33.88'
1	12–P1	21+06.46	5080.28	33.50'
1	13–P1	21+56.46	5078.28	33.12'
1	14–P1	22+06.46	5076.28	33.00'
1	15–P1	22+56.46	5074.28	33.00'
1	16–P1	23+06.46	5072.28	33.00'
1	17–P1	23+56.46	5070.28	33.00'
1	18–P1	24+06.46	5068.28	33.00'
1	19–P1	24+56.46	5066.50	33.00'
1	20–P1	25+06.46	5065.15	33.00'
1	21–P1	25+56.46	5063.87	33.00'
1	22–P1	26+06.46	5062.59	33.00'
1	23–P1	26+56.46	5061.31	33.00'
1	24–P1	27+06.46	5060.03	33.00'
1	25–P1	27+56.46	5058.75	33.00'
1	26–P1	28+06.46	5057.47	33.00'
1	27–P1	28+56.46	5056.20	33.00'
1	28–P1	29+06.46	5055.02	33.00'
1	29–P1	29+56.46	5053.84	33.00'
1	30–P1	30+06.46	5052.67	33.00'
1	31–P1	30+56.46	5051.54	33.00'
1	32–P1	31+06.46	5051.08	34.34'
1	33–P1	31+41.46	5051.17	35.72
3	1–P1	23+09.31	5072.17	33.00'
3	2–P1	23+59.31	5070.17	33.00'
3	3–P1	24+09.31	5068.17	33.00'
3	4–P1	24+59.31	5066.42	33.00'
3	5–P1	25+09.31	5065.08	33.00'
3	6–P1	25+59.31	5063.80	33.00'
3	7–P1	26+09.31	5062.52	33.00'
3	8–P1	26+59.31	5061.24	33.00'
3	9–P1	27+09.31	5059.96	33.00'
3	10–P1	27+59.31	5058.68	33.00'
3	11–P1	28+09.31	5057.40	33.00'
3	12–P1	28+59.31	5056.12	33.00'
3	13–P1	29+09.31	5054.84	33.00'
3	14–P1	29+50.17	5053.80	33.00'

LEFT STORM SEWER PROFILE



AS BUILT INFORMATION
CONTRACTOR: Hydro System
WORK INSPECTED BY: ALS DATE
ACCEPTANCE BY: DATE
VERIFICATION BY: ALS DATE 8/05
DRAWINGS CORRECTED BY: ALS DATE 8/05
WATERLINE, SANITARY SEWER & DRAINAGE ESMT.
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA, AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=35841.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DIANE L. HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
8-25-04

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	08/04
DRAWN BY	TAS	08/04
CHECKED BY	DMG	08/04

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

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OFFSITE - UPPER MEADOW AVE. SW
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CITY ENGINEER APPROVAL: APPROVED FEB 28 2005 CITY ENGINEER
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CITY PROJECT NO. 708183 | ZONE MAP NO. P-9 | SHEET 20 OF 20