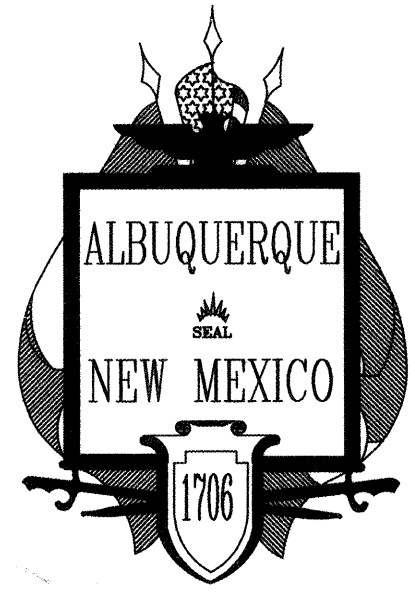


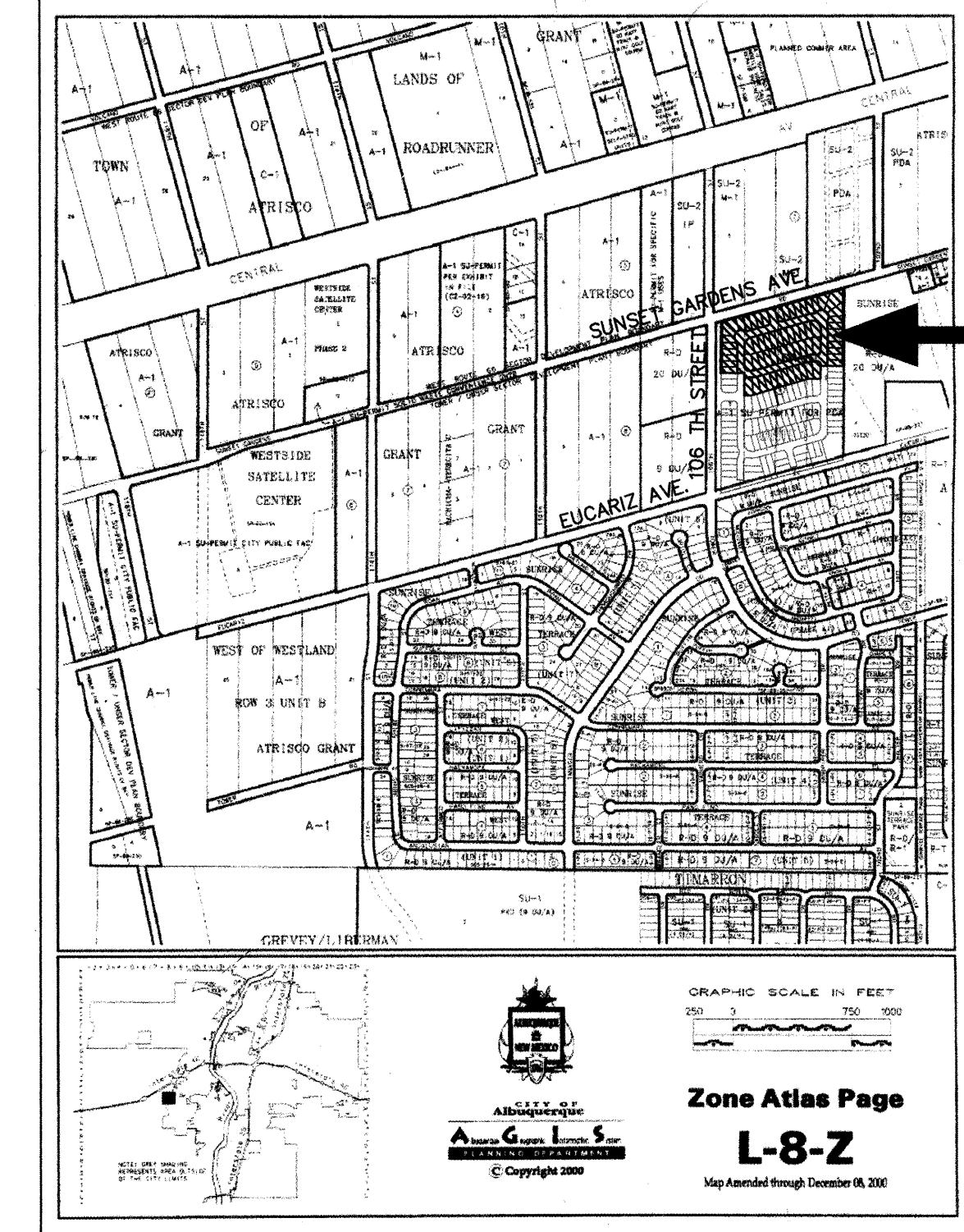


SUNRISE RANCH WEST

UNIT 2

CITY OF ALBUQUERQUE, NEW MEXICO

GRADING, PAVING, & CITY UTILITIES



UNIT 2
PROJECT SITE

VICINITY MAP

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THRU UPDATE NO. 6.
2. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER, AND SHALL BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO CALL SYSTEM INC. (260-1990) FOR LOCATION OF EXISTING UTILITIES.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
6. THE CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO NEEDING SHUT-OFF OR TURN-ON OF VALVES. ONLY CITY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
7. RESTRAINED JOINTS ARE REQUIRED AT ALL WATER LINE BENDS, TEES, CAPS AND GATE VALVES. RESTRAINED JOINTS SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
8. THE PUBLIC WATER LINE MUST BE A MINIMUM OF 18" ABOVE THE SEWER LINE AT ALL CROSSINGS.
9. THE CONTRACTOR SHALL FURNISH EMD'S ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
10. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
11. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
12. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
13. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
14. IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
15. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED BY CONTRACTOR WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS IN EXISTING STRIPING LOCATIONS UNLESS OTHERWISE INDICATED BY THIS PLAN SET.
16. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24 HOUR CONSTRUCTION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR, OR REMOVAL AND REPLACEMENT OF ANY PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVEPADS, SIDEWALK, WHEELCHAIR RAMP OR ANY OTHER EXISTING IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATIONS.

INDEX TO DRAWINGS

SHEET No.	DESCRIPTION	SHEET No.	DESCRIPTION
1	COVER SHEET	11	COMPOSITE SEWER AND WATER PLAN
2-4	SUBDIVISION PLAT	12	106TH STREET AND SUNSET GARDENS ROAD S.W. SEWER AND WATER PLANS & PROFILES
5	GRADING & DRAINAGE PLAN	13	CORRAL DR., MESA SUNSET AVE., AND CACTUS POINT DR. S.W. SEWER AND WATER PLANS & PROFILES
6	COMPOSITE PAVING PLAN TYPICAL STREET X-SECTIONS	14	SUNRISE WEST DR. S.W. SEWER AND WATER PLANS & PROFILES
7	106TH STREET AND SUNSET GARDENS ROAD S.W. PAVING PLANS & PROFILES	15	SECRET OASIS AVE. S.W. SEWER AND WATER PLANS & PROFILES
8	SUNRISE WEST DR. S.W. PAVING PLANS & PROFILES	16-17	TRAFFIC CONTROL
9	CORRAL DR. S.W., MESA SUNSET AVE. S.W. AND CACTUS POINT DR. S.W. PAVING PLANS & PROFILES		
10	SECRET OASIS AVE. PAVING PLANS & PROFILES		

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY ENGINEER
DATE 5/14/02

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, calculations, engineering, or input of the record drawings.

Timothy Aldrich, P.S., No. 7719 Date 02-10-03

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer of the firm of 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 survey information provided by Aldrich Land Surveying, NMPS Number 7719.

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Construction Contracting & Management (CCM), and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plans as shown on the as built construction drawings.

Diane Hoelzer, PE 3-21-03 NMPE 11967

DRB CASE No. 1000934

26 6757.82 0104

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEER'S STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	***** APPROVED FOR CONSTRUCTION *****			
DRC CHAIR	TRANSPORTATION	6-14-02	6-14-02				
WATER/WASTEWATER	HYDROLOGY	6-14-02	6-14-02				
PARKS	CONSTR. COOR.	6-14-02	6-14-02				
				CITY ENGINEER	DATE		
				SHEET 1 OF 17			

NOTE:

THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES. MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

NOTE:

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

NOTE:

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE INTENDED FOR USE ON THIS PROJECT AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF D. MARK GOODWIN & ASSOCIATES, P.A. IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.

SCANNED BY
MESA REPRO

SCANNED BY
MESA REPRO

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 29
TOWNSHIP 10, NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER, 2001

1. SUBDIVIDE FOUR TRACTS INTO 144 RESIDENTIAL LOTS AND 1 TRACT
2. DEDICATED RIGHT-OF-WAY AS SHOWN
3. GRANT NEW EASEMENTS AS SHOWN

A tract of land situated within the Town of Mexico Grant, projected Section 29, Township 10 North, Range 21 East, New Mexico Principal Meridian, City of Bernalillo County, New Mexico being all of TRACTS 2, 3, 4, AND 5, of the LANDS OF THE ATRISCO Grant 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 March 26, 1962, Volume 63, Folio 26, together with a portion of EUCARIZ Road SW (Existing 60' wide private road) and containing 20.9053 acres more or less.

1. UNLESS OTHERWISE NOTED ALL POINTS ARE "SET 5/8" REBAR WITH CAP "ALS LS 7719".
2. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHALL BE MARKED BY A FOUR INCH (4") ALUMINUM CAP AS SHOWN THROUGH THIS PLAN.
3. "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION" IS TO BE USED FOR ALL DISTANCES.
4. "DO NOT DISTURB"
5. "PLS # 7719".
6. BOUNDARY SHALL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
7. BASIS OF BEARING SHALL BE NEW MEXICO STATE PLANE GRID BEARINGS.
8. ALL DISTANCES SHALL BE GROUND DISTANCES.
9. 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.
10. 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.

 Date 11/14/01
City Surveyor, City of Albuquerque, N.M.

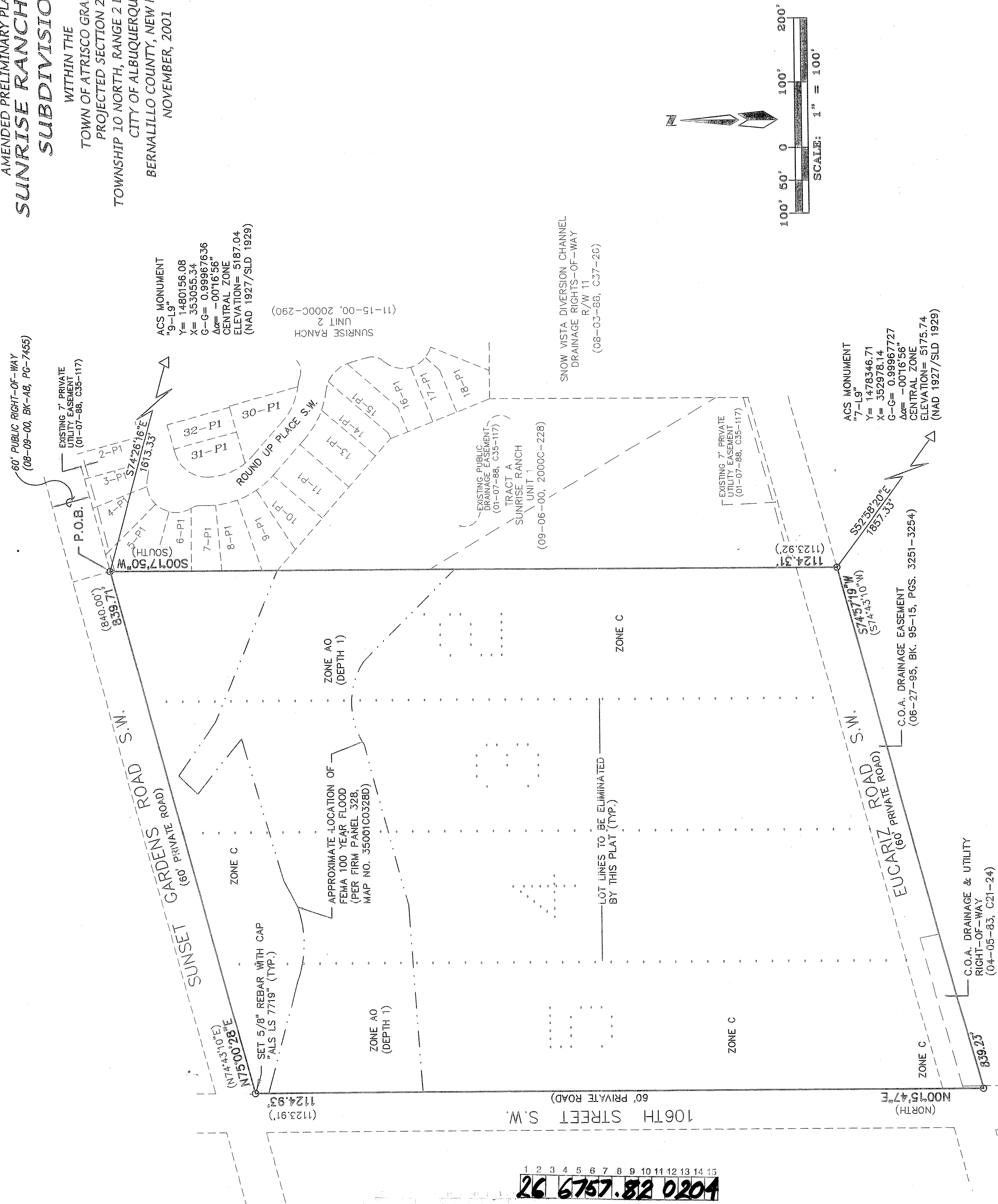
77129 11/13/01
MICHAEL FREEMAN, VICE PRESIDENT
LONGFORD HOME OF NM, INC.

City Survivor City of Albuquerque, N.M. Date 11/14/01

A00106 cover.dwg	Drawn: STEPHEN	Checked: ALS	Sheet 1 of 5
Scale: AS SHOWN	Date: 11/13/01	Job: A00106	

AMENDED PRELIMINARY PLAT FOR
SUNRISE RANCH WEST
SUBDIVISION

WITHIN THE
 TOWN OF ATRISCO GRANT
 PROJECTED SECTION 29
 TOWNSHIP 10 NORTH, RANGE 2 EAST, N10PM
 CITY OF ALBUQUERQUE
 BERNALILLO COUNTY, NEW MEXICO
 NOVEMBER, 2001



**SCANNI
MESA R**

AMENDED PRELIMINARY PLAT FOR
SUNRISE RANCH WEST

WITHIN THE
TOWN OF ATRISCO GRANT

IP 10 NORTH, RANGE 2 EAST
CITY OF ALBUQUERQUE

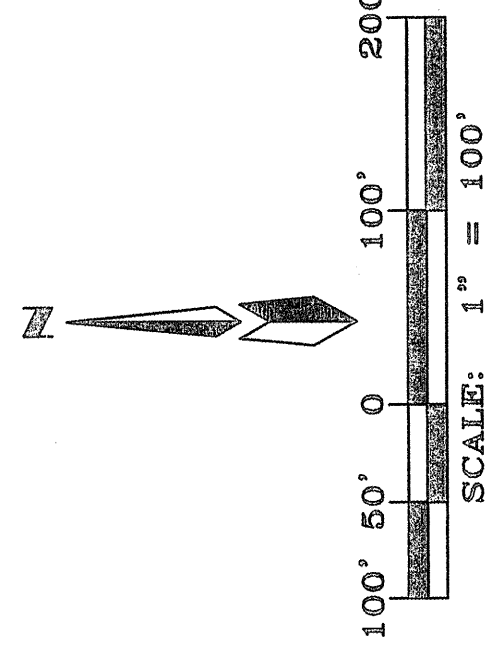
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

NOVEMBER, 2001



APPROXIMATE LOCATION OF
FEMA 100 YEAR FLOOD
(PER FIRM PANEL 328,
MAP NO. 35001C0328D)

CURVE TABLE						
CONE	LENGTH	RAIUS	DELTA	TANGENT	CH-RAIUS	CH-DELTA
C1	17.61	26.0	90.0007	90.0007	90.0007	90.0007
C2	17.61	26.0	90.0007	90.0007	90.0007	90.0007
C3	17.61	26.0	90.0007	90.0007	90.0007	90.0007
C4	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C5	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C6	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C7	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C8	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C9	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C10	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C11	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C12	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C13	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C14	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C15	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C16	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C17	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C18	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C19	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C20	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C21	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C22	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C23	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C24	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C25	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C26	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C27	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C28	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C29	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C30	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C31	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C32	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C33	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C34	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C35	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C36	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C37	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C38	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C39	17.65	26.0	90.0007	90.0007	90.0007	90.0007
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C63	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C64	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C65	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C66	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C67	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C68	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C69	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C70	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C71	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C72	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C73	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C74	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C75	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C76	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C77	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C78	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C79	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C80	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C81	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C82	17.65	26.0	90.0007	90.0007	90.0007	90.0007
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C84	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C85	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C86	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C87	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C88	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C89	17.65	26.0	90.0007	90.0007	90.0007	90.0007
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C91	17.65	26.0	90.0007	90.0007	90.0007	90.0007
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C93	17.65	26.0	90.0007	90.0007	90.0007	90.0007
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C95	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C96	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C97	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C98	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C99	17.65	26.0	90.0007	90.0007	90.0007	90.0007
C100	17.65	26.0	90.0007	90.0007	90.0007	90.0007

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APPROXIMATE LOCATION OF
FEMA 100 YEAR FLOOD
(PER FIRM PANEL 328,
MAP NO. 35001C0328D)

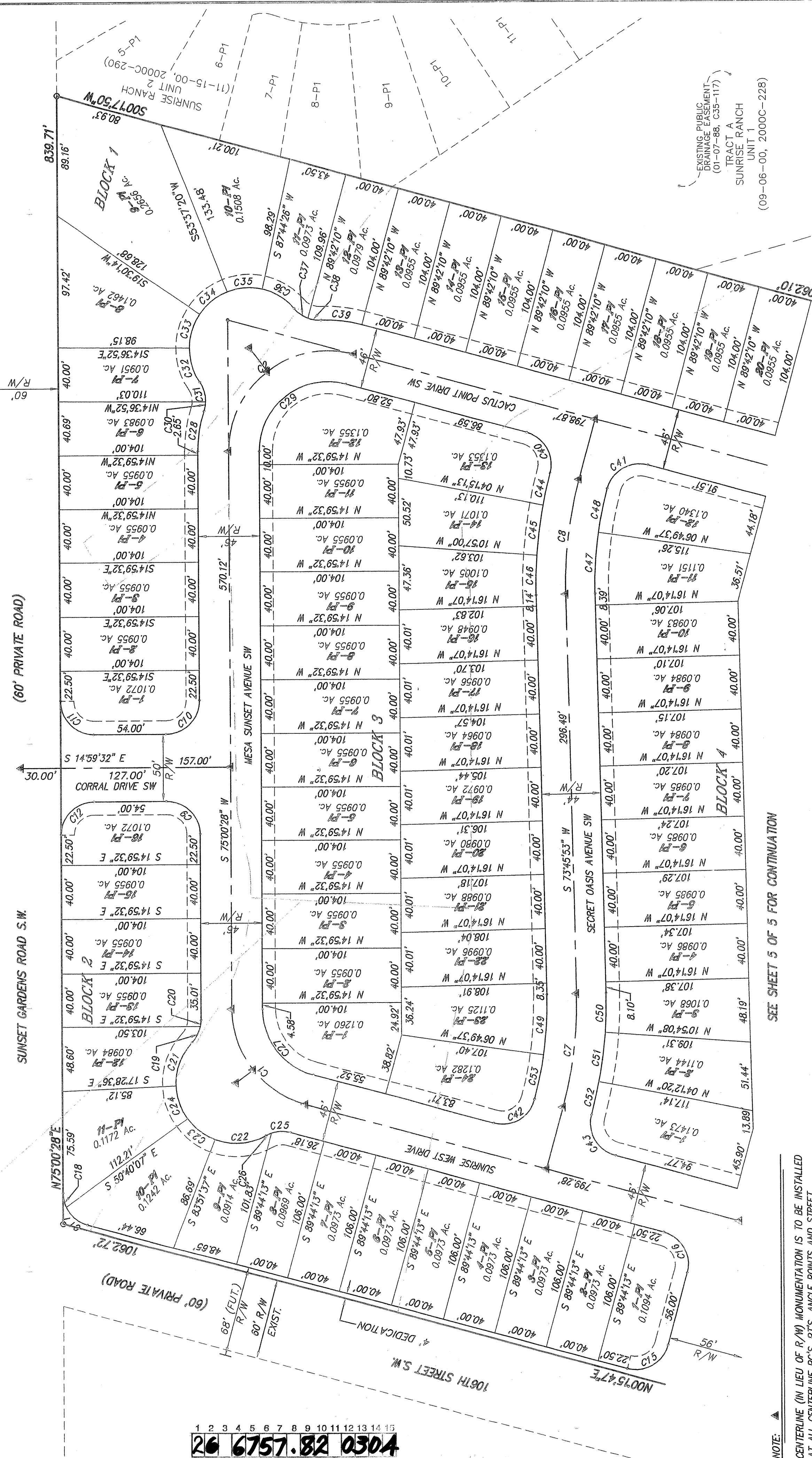
AMENDED PRELIMINARY PLAT FOR
SUNRISE RANCH WE
SUBDIVISION

WITHIN THE
TOWN OF ATRISCO GRANT

PROJECTED SECTIONS 29
TOWNSHIP 10 NORTH, RANGE 2 EAST

CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

NOVEMBER, 2001



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", "PLS. # 7719".

SEE SHEET 5 OF 5 FOR CONTINUATION

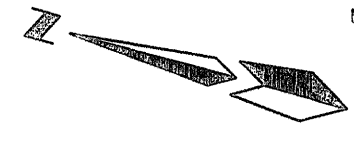
SEE SHEET 3 OF 5 FOR CURVE TABLE

Dwg: A00106PLAT4.dwg	Drawn: STEPHEN	Checked: ALS	Sheet 24 of 5
Scale: 1" = 50'	Date: 11/08/01	Job: A00106	

Sunrise Ranch West Unit 2 (Project No. 675782) Sht. 3 of 17

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

NOTE:
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED
AT ALL CENTERLINE P.C.S., P.T.S., ANGLE POINTS AND STREET
INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR
INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE",
"CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS # 7719".



50' 25' 0 50' 100'
SCALE: 1" = 50'

AMENDED PRELIMINARY PLAT FOR
**SUNRISE RANCH WEST
SUBDIVISION**

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 29
TOWNSHIP 10 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER, 2001

SEE SHEET 4 OF 5 FOR CONTINUATION

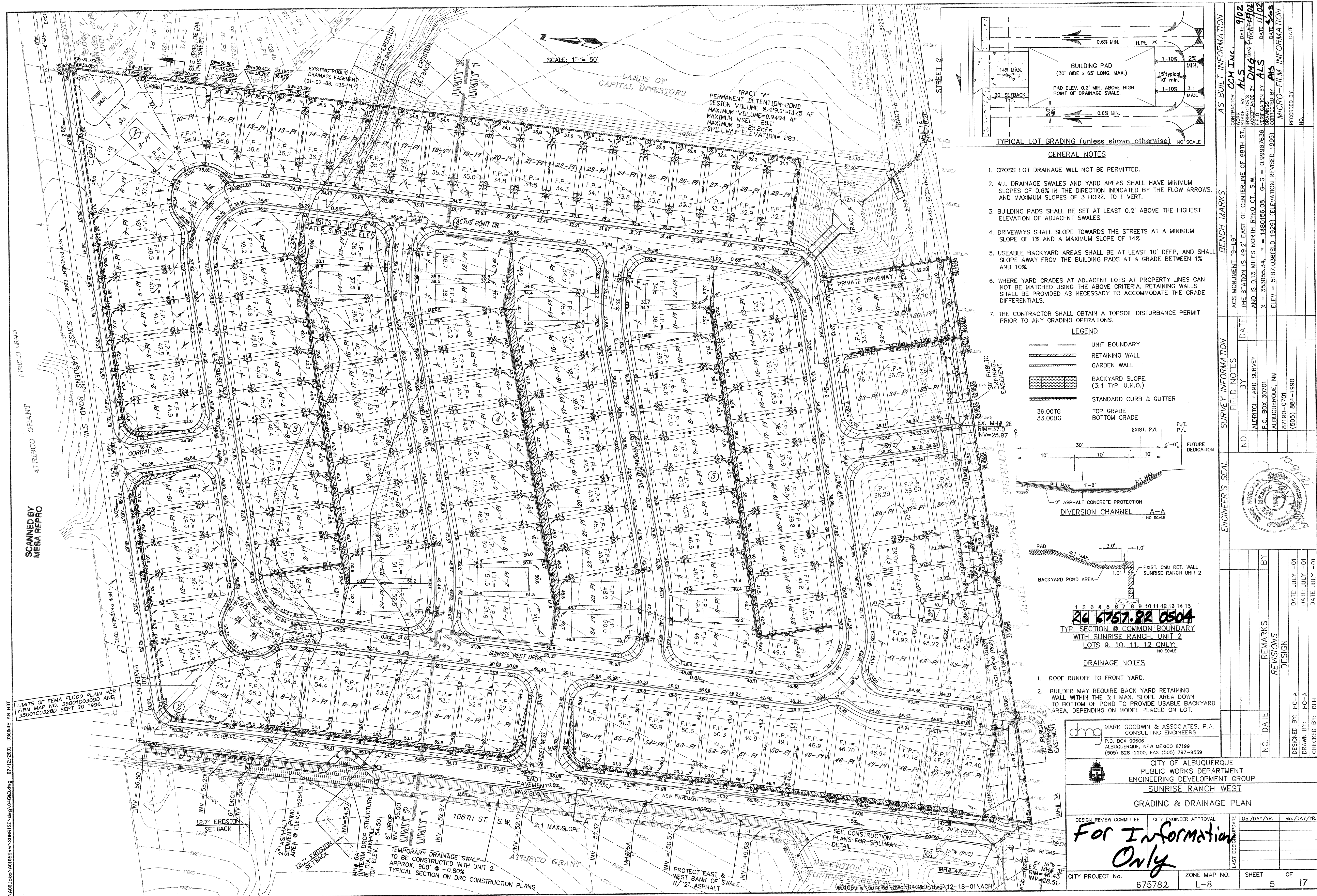
SEE SHEET 3 OF 5 FOR CURVE TABLE

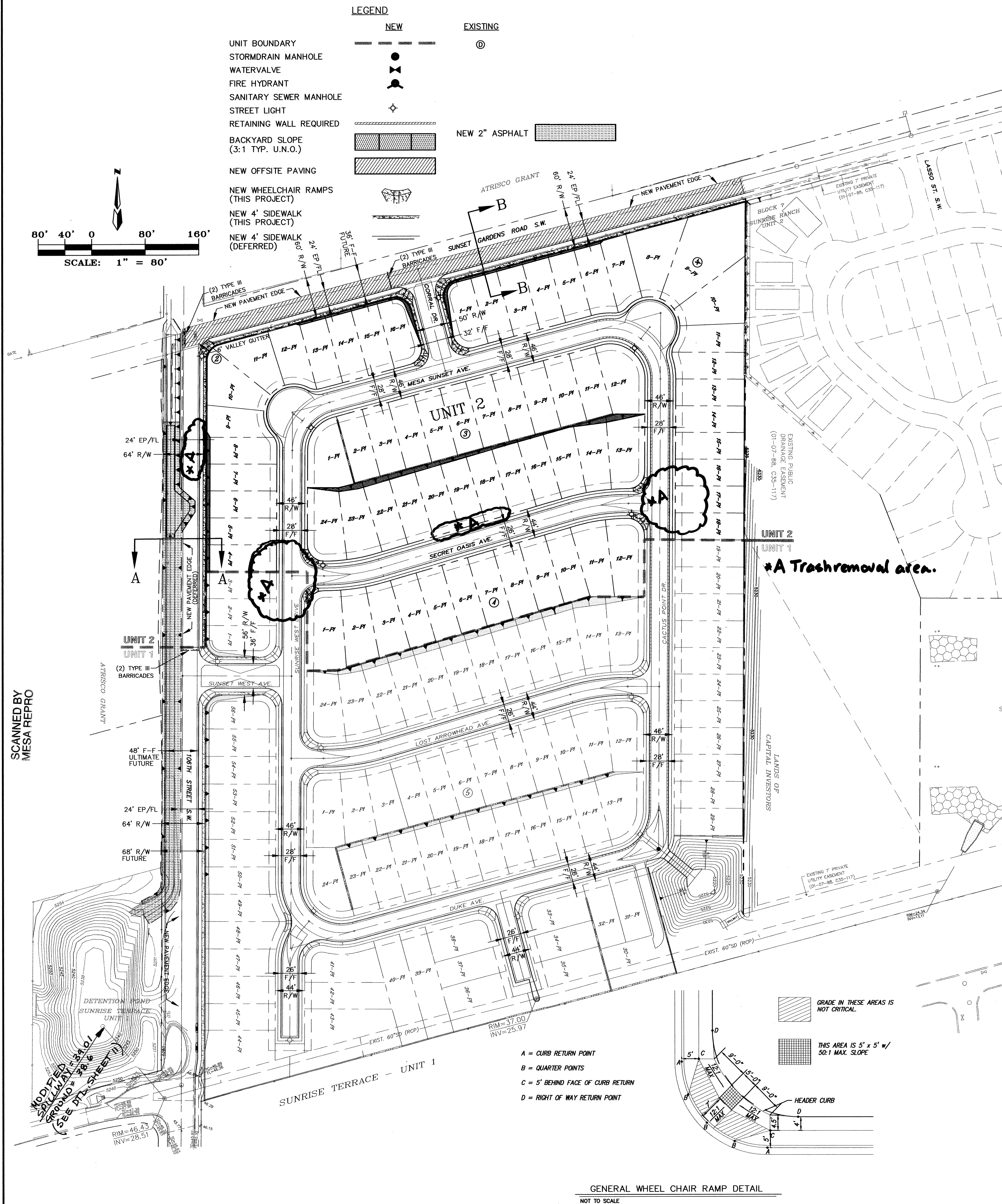


TRACT A
SUNRISE RANCH
SUBDIVISION
(09-06-00, 2000C-228)

Dwg: A00106PLAT5.dwg
Scale: 1" = 50'
Drawn: STEPHEN
Checked: ALS
Job: A00106
Date: 11/08/01
Sheet: 5 of 5

26 6757.82 0404





CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer of the firm of 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 and construction of the infrastructure is in substantial compliance with the Approved Plan.

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Construction Contracting & Management (CCM), and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

3-21-03
Diane L. Hoelzer, P.E.
NMPE 11967

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Construction Contracting & Management (CCM), and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

3-21-03
Diane L. Hoelzer, P.E.
NMPE 11967

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR: CCM, Inc.		ACS MONUMENT "9-19" @ THE NORTHEAST CORNER OF SUNRISE RANCH WEST. ELEV.: 5187.04 MSL.		FIELD NOTES		REMARKS	
WORK BY: ALS	DATE: 9/02	INSPECTOR: ALS	DATE: 11/02	NO.	DATE	BY	REVISIONS
ACCEPTANCE BY: ALS	DATE: 11/02	VERIFICATION BY: ALS	DATE: 11/02	ALDRICH LAND SURVEY	ALBUQUERQUE, NM	DESIGN	
DRAWINGS: ALS	DATE: 11/02	CORRECTIONS: ALS	DATE: 11/02	P.O. BOX 30701	87190-0701	NO. DATE	REMARKS
MICRO-FILM INFORMATION		RECORDED BY: NO.		DESIGNED BY: HC-A		DATE: JULY -01	
				DRAWN BY: HC-A		DATE: JULY -01	
				CHECKED BY: DLH		DATE: JULY -01	

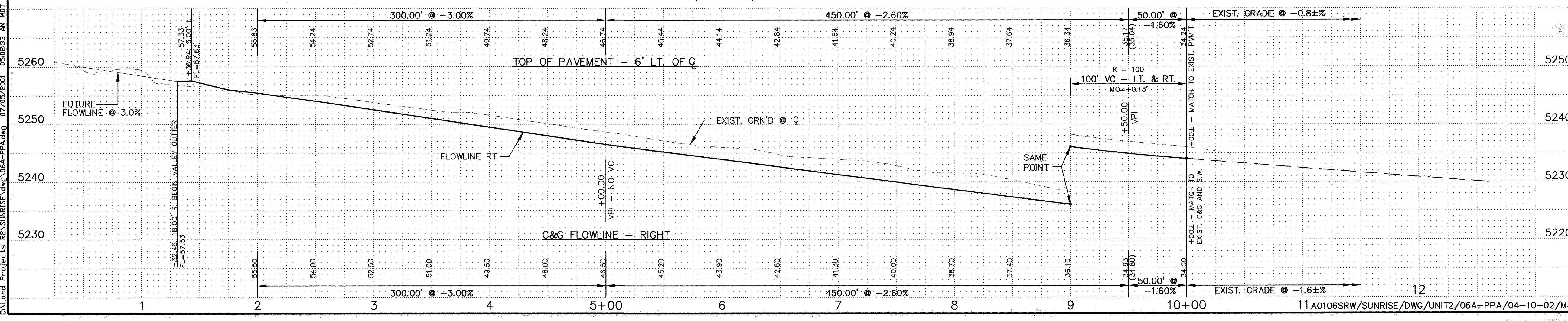
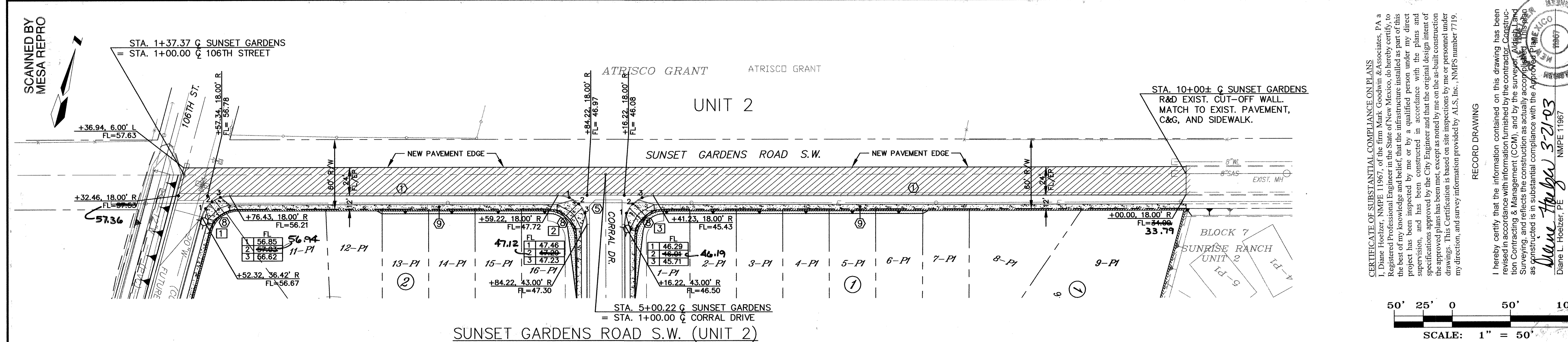
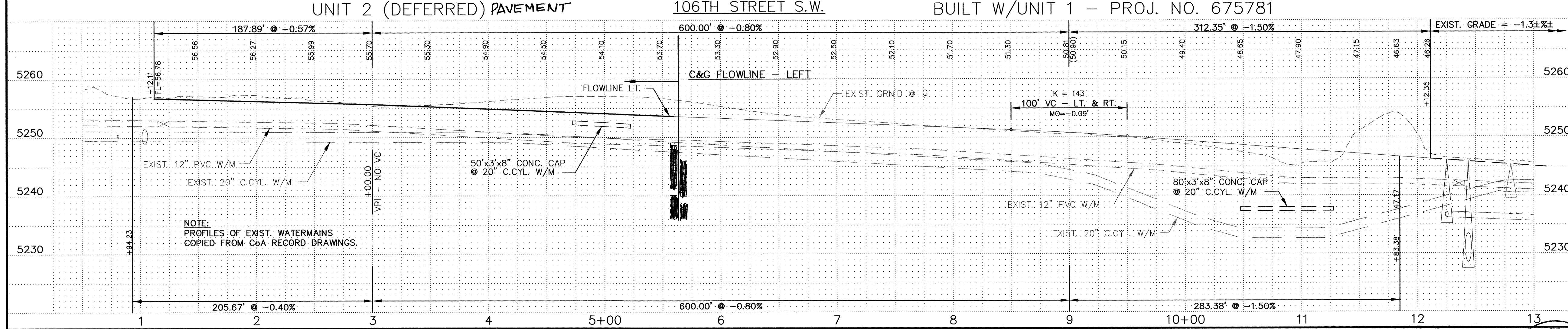
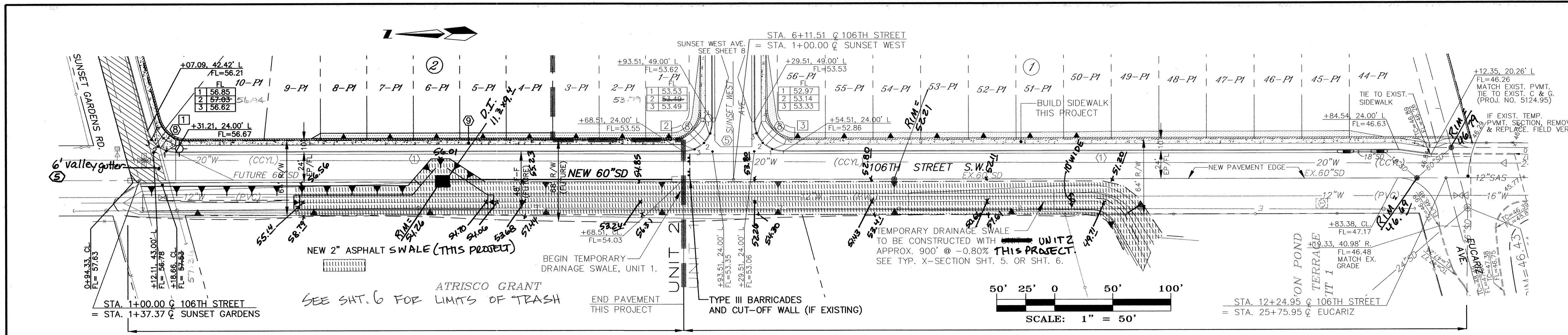
MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
SUNRISE RANCH WEST - UNIT 2
COMPOSITE PAVING PLAN
TYPICAL STREET X-SECTIONS

APPROVED
DESIGN REVIEW COMMITTEE
JUL - 8 2002
CITY ENGINEER

LAST DESIGN UPDATE
Mo./DAY/YR.
Mo./DAY/YR.

CITY PROJECT No. 675782
ZONE MAP No. L-8
SHEET 6 OF 17



KEYNOTES

- ① STANDARD CURB & GUTTER PER STD. DWG. 2415
- ② ROLL-TYPE CURB & GUTTER PER STD. DWG. 2415.
- ③ 10' TRANSITION FROM STD. CURB & GUTTER TO ROLL-TYPE CURB & GUTTER.
- ⑤ CONCRETE VALLEY GUTTER PER STD. DWG. 2420.
- ⑥ CONCRETE VALLEY GUTTER PER STD. DWG. 2421.
- ⑦ SPECIAL CONCRETE VALLEY GUTTER PER STD. DWG. 2422.
- ⑧ ALL WHEEL CHAIR RAMP AT STANDARD C&G PER STD. DWG. 2441.
- ⑨ 4' SIDEWALK PER STD DTL 2430 THIS PROJECT

106TH STREET CURVE DATA - DESCRIBES FACE OF CURB

① Δ = 74°44'41"	② Δ = 90°02'12"
R = 25.00'	R = 25.00'
L = 32.61'	L = 39.29'
T = 19.10'	T = 25.02'

③ Δ = 90°02'12"

R = 25.00'

L = 39.29'

T = 25.02'

SUNSET GARDENS CURVE DATA - DESCRIBES FACE OF CURB

① Δ = 74°44'41"	② Δ = 90°01'41"
R = 25.00'	R = 25.00'
L = 32.61'	L = 39.28'
T = 19.10'	T = 25.01'

③ Δ = 90°01'41"

R = 25.00'

L = 39.28'

T = 25.01'

CONTRACTOR INFORMATION

CONTRACTOR: **CCM Inc**

WORK ORDER NO.: **902**

DATE: **05-09-02**

INSPECTOR: **ALS**

ACCEPTANCE BY: **ALS**

DATE: **05-09-02**

VERIFICATION BY: **ALS**

DATE: **05-09-02**

DRAWN BY: **ALS**

DATE: **05-09-02**

RECORDED BY: **ALS**

DATE: **05-09-02**

ENGINEER'S SEAL

RECEIVED

DATE: **05-09-02**

BY: **John M. Hutzler**

DATE: **05-09-02**

REVISIONS

NO.	DATE	REMARKS
1		DESIGN

DESIGNED BY: HC-A

DRAWN BY: HC-A

CHECKED BY: DLH

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

SUNRISE RANCH WEST - UNIT 2

106TH STREET AND SUNSET GARDENS ROAD S.W.

PAVING PLANS & PROFILES

DESIGN REVIEW COMMITTEE

APPROVE

JUN 14 2002

DESIGN REVIEW COMMITTEE

APPROVE

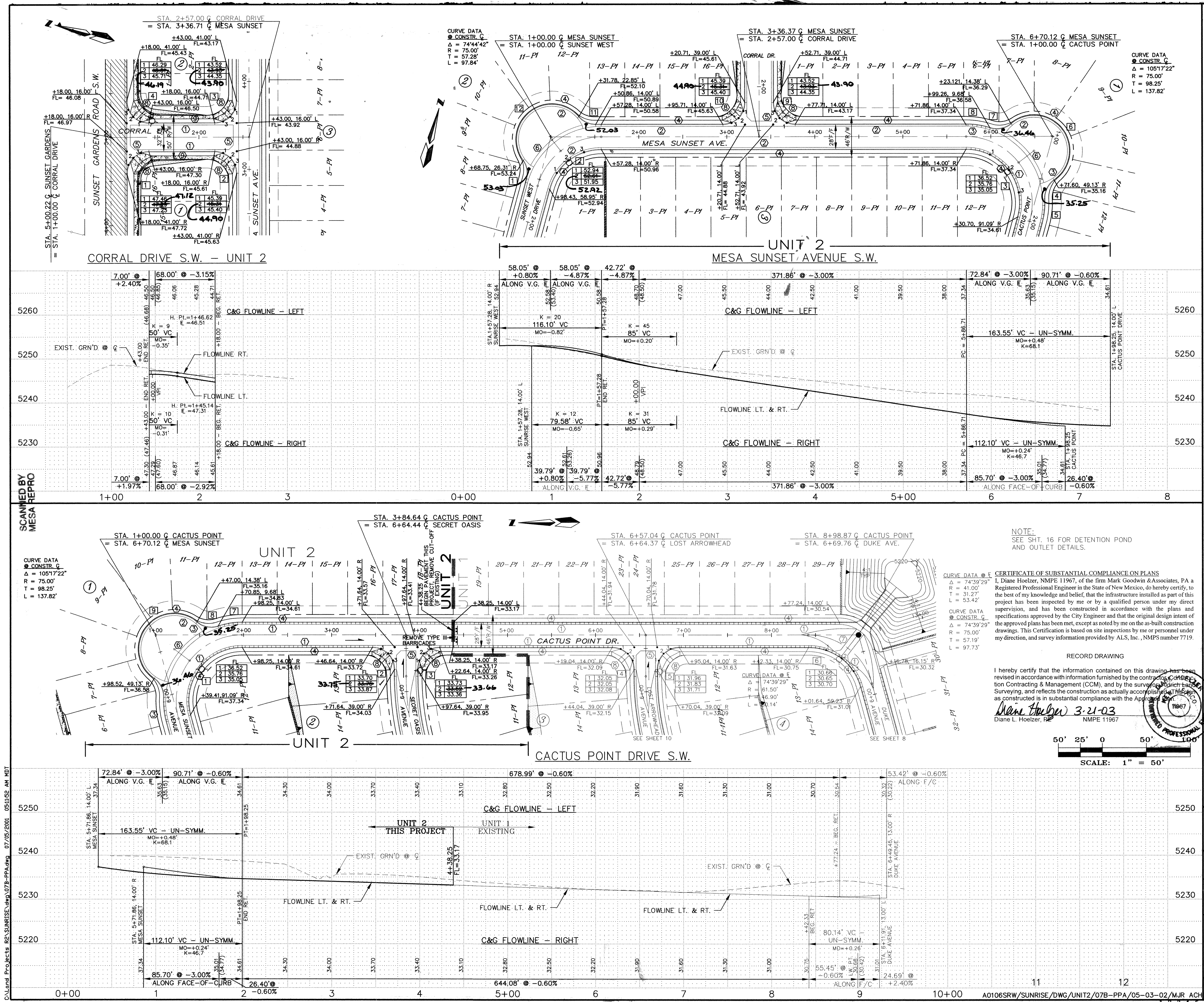
JUN 14 2002

CITY ENGINEER

CITY PROJECT No. 675782

ZONE MAP NO. L-8

SHEET 7 OF 17



KEYNOTES

- STANDARD CURB & GUTTER PER STD. DWG. 2415.
- ROLL-TYPE CURB & GUTTER PER STD. DWG. 2415.
- 10' TRANSITION FROM STD. CURB & GUTTER TO ROLL-TYPE CURB & GUTTER.
- ALL INTERIOR 4' CONCRETE SIDEWALK (DEFERRED).
- 6" CONCRETE VALLEY GUTTER PER STD. DWG. 2420.
- 4" CONCRETE VALLEY GUTTER PER STD. DWG. 2421.
- SPECIAL CONCRETE VALLEY GUTTER PER STD. DWG. 2422.
- ALL WHEEL CHAIR RAMP PER STD. DWG. 2441.
- 4' SIDEWALK PER STD. DTL. 2430. THIS PROJECT

CORRAL DRIVE S.W. CURVE DATA - DESCRIBES FACE OF CURB

1 Δ = 90°01'17" R = 25.00' L = 39.28' T = 25.01'	2 Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
3 Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	4 Δ = 90°01'17" R = 25.00' L = 39.28' T = 25.01'

MESA SUNSET AVE. S.W. CURVE DATA - DESCRIBES FACE OF CURB

1 Δ = 50°53'35" R = 25.00' L = 22.21' T = 11.90'	2 Δ = 74°44'41" R = 61.00' L = 79.58' T = 46.59'
3 Δ = 105°17'22" R = 61.00' L = 112.10' T = 79.91'	4 Δ = 58°11'19" R = 25.00' L = 25.39' T = 13.91'
5 Δ = 17°55'59" R = 89.00' L = 27.86' T = 14.04'	6 Δ = 185°48'01" R = 40.00' L = 129.71' T = N/A
7 Δ = 58°11'19" R = 25.00' L = 25.39' T = 13.91'	8 Δ = 17°55'59" R = 89.00' L = 27.86' T = 14.04'
9 Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	10 Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
11 Δ = 49°44'52" R = 25.00' L = 21.71' T = 11.59'	12 Δ = 175°23'09" R = 40.00' L = 122.44' T = 992.85'

CATUS POINT DR. S.W. CURVE DATA - DESCRIBES FACE OF CURB

1 Δ = 105°17'22" R = 61.00' L = 112.10' T = 79.91'	2 Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
3 Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	4 Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
5 Δ = 90°01'17" R = 25.00' L = 39.28' T = 25.01'	6 Δ = 74°39'29" R = 61.50' L = 80.14' T = 46.90'
7 Δ = 17°55'59" R = 89.00' L = 27.86' T = 14.04'	8 Δ = 58°11'19" R = 25.00' L = 25.39' T = 13.91'
9 Δ = 185°48'01" R = 40.00' L = 129.71' T = N/A	

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Construction Contracting & Management (CCM), and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This drawing as constructed is in substantial compliance with the approved plans.

Diane L. Hoelzer 3-21-03
Diane L. Hoelzer, PE
NMPE 11967

AS BUILT INFORMATION

CONTRACTOR: **CCM INC.**
DATE: **9/03**
INSPECTOR: **ALS**
DATE: **9/03**
FIELD ENGINEER: **ALS**
DATE: **9/03**
CORRECTED BY: **ALS**
DATE: **9/03**
MICRO-FILM INFORMATION: **RECORDED BY: NO.**

ENGINEER'S SEAL

NEW MEXICO
11010
DIANE L. HOELZER
REGISTERED PROFESSIONAL ENGINEER
05-09-02

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
SUNRISE RANCH WEST - UNIT 2
CORRAL DR., MESA SUNSET AVE., AND CATUS POINT DR.
PAVING PLANS & PROFILES

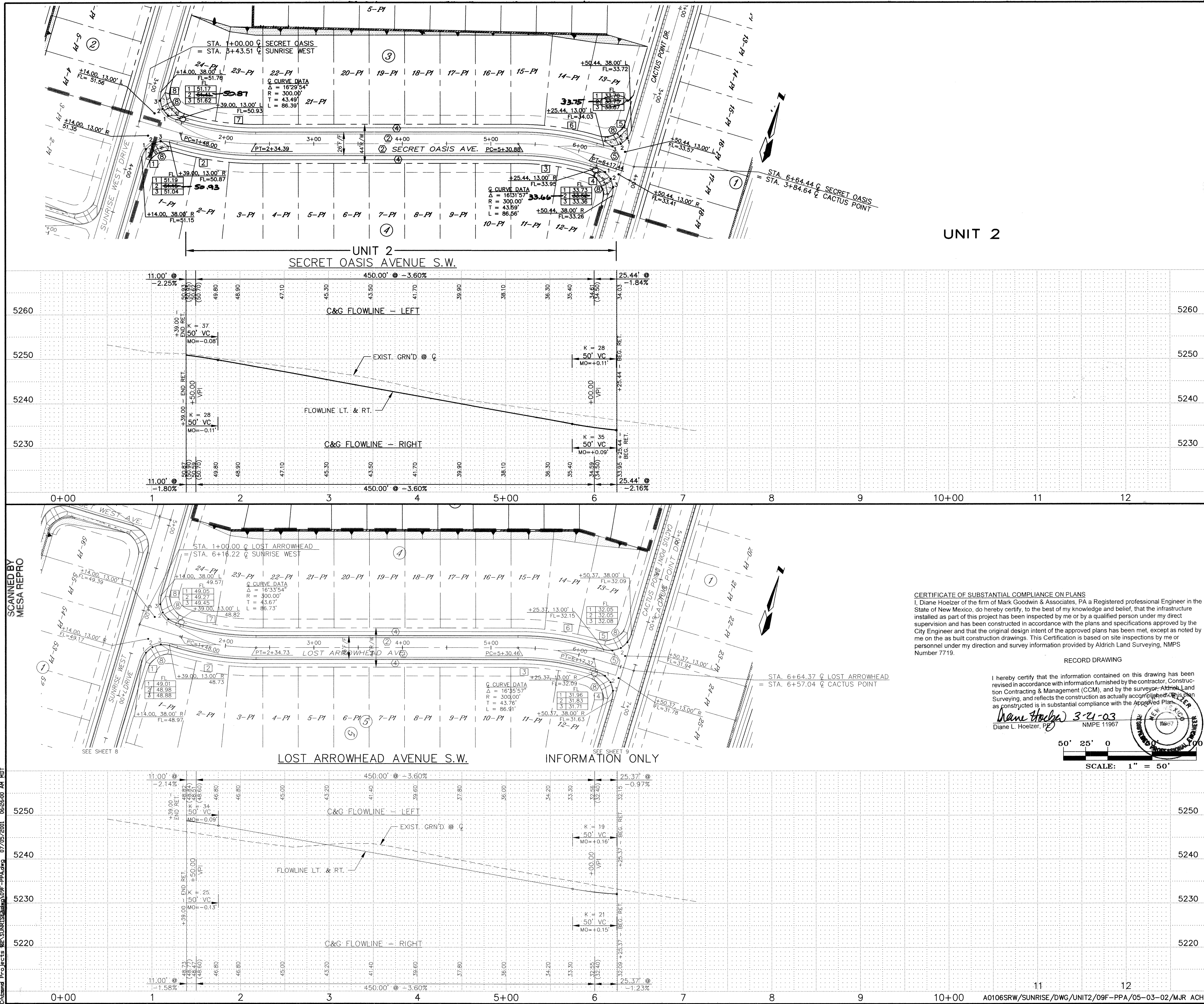
DESIGN REVIEW COMMITTEE
APPROVED
JUN 14 2003
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
JUN 14 2003
CITY ENGINEER

Mo./DAY/YR.
Mo./DAY/YR.

LAST DESIGN UPDATE

CITY PROJECT No. 675782 **ZONE MAP No.** L-8 **SHEET** 9 **OF** 17

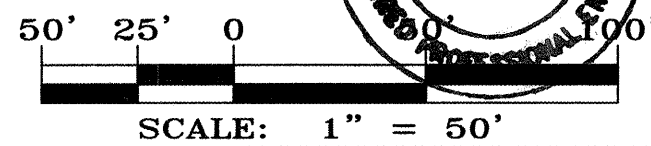


CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS
I, Diane Hoelzer of the firm of Mark Goodwin & Associates, P.A. a Registered professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected 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 survey information provided by Aldrich Land Surveying, NMPS Number 7719.

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Construction Contracting & Management (CCM), and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

Diane Hoelzer 3-21-03
Diane L. Hoelzer, P.E. NMPE 11967



- KEYNOTES**
- STANDARD CURB & GUTTER PER STD. DWG. 2415
 - ROLL-TYPE CURB & GUTTER PER STD. DWG. 2415.
 - 10' TRANSITION FROM STD. CURB & GUTTER TO ROLL-TYPE CURB & GUTTER.
 - ALL INTERIOR 4' CONCRETE SIDEWALK (DEFERRED).
 - 6" CONCRETE VALLEY GUTTER PER STD. DWG. 2420.
 - 4" CONCRETE VALLEY GUTTER PER STD. DWG. 2421.
 - SPECIAL CONCRETE VALLEY GUTTER PER STD. DWG. 2422.
 - ALL WHEEL CHAIR RAMP PER STD. DWG. 2441.

**SECRET OASIS AVE. S.W.
CURVE DATA - DESCRIBES FACE OF CURB**

1	$\Delta = 90^{\circ}00'00"$ R = 25.00' L = 39.27' T = 25.00'	2	$\Delta = 16^{\circ}29'54"$ R = 313.00' L = 90.13' T = 45.38'
3	$\Delta = 16^{\circ}31'57"$ R = 287.00' L = 82.81' T = 41.70'	4	$\Delta = 90^{\circ}00'00"$ R = 25.00' L = 39.27' T = 25.00'
5	$\Delta = 90^{\circ}00'00"$ R = 25.00' L = 39.27' T = 25.00'	6	$\Delta = 16^{\circ}31'57"$ R = 313.00' L = 90.32' T = 45.47'
7	$\Delta = 16^{\circ}29'54"$ R = 287.00' L = 82.64' T = 41.61'	8	$\Delta = 90^{\circ}00'00"$ R = 25.00' L = 39.27' T = 25.00'

**LOST ARROWHEAD AVE. S.W.
CURVE DATA - DESCRIBES FACE OF CURB**

1	$\Delta = 90^{\circ}00'00"$ R = 25.00' L = 39.27' T = 25.00'	2	$\Delta = 16^{\circ}33'54"$ R = 313.00' L = 90.49' T = 45.56'
3	$\Delta = 16^{\circ}36'05"$ R = 287.00' L = 83.16' T = 41.87'	4	$\Delta = 90^{\circ}00'00"$ R = 25.00' L = 39.27' T = 25.00'
5	$\Delta = 90^{\circ}00'00"$ R = 25.00' L = 39.27' T = 25.00'	6	$\Delta = 16^{\circ}36'04"$ R = 313.00' L = 90.69' T = 45.67'
7	$\Delta = 16^{\circ}33'54"$ R = 287.00' L = 82.98' T = 41.80'	8	$\Delta = 90^{\circ}00'00"$ R = 25.00' L = 39.27' T = 25.00'

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6757.82 1004

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

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
SUNRISE RANCH WEST - UNIT 2
SECRET OASIS DR. S.W.
PAVING PLANS & PROFILES**

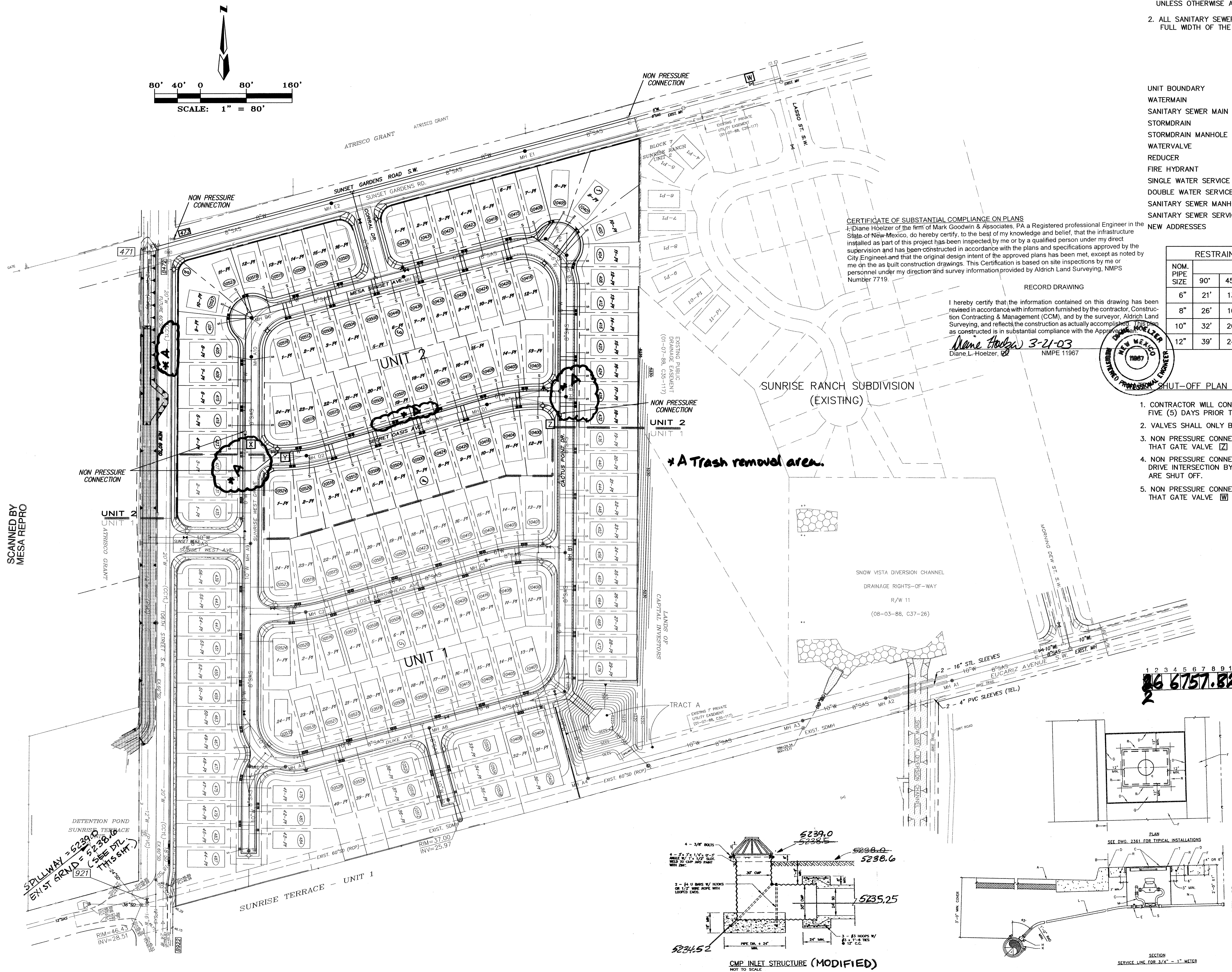
DESIGN REVIEW COMMITTEE APPROVED DATE: 3-21-03	CITY ENGINEER APPROVAL APPROVE DATE: 3-21-03	Mo./DAY/YR. Mo./DAY/YR.
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE

CITY PROJECT No. **675782** ZONE MAP NO. **L-8** SHEET **10** OF **17**

AS BUILT INFORMATION		BENCH MARKS	
CONTRACTOR	CCM INC	ACS MONUMENT "9-L9"	THE STATION IS 49.2' EAST OF CENTERLINE OF 98TH ST. AND IS 0.13 MILES NORTH RYNO CT. S.W. X = 353055.34, Y = 1480156.08, G-G = 0.99967536 ELEV = 5187.036(SLD 1929) (ELEVATION REVISED 1995)
STAKED BY	ALS	FIELD INSPECTOR BY	DMG
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REVISIONS	BY	DATE	BY
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SURVEY INFORMATION		ENGINEER'S SEAL	
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REMARKS	BY	DATE
REVISIONS	BY	DATE
DESIGN	BY	DATE
DESIGNED BY: HC-A	DATE: JULY -01	
DRAWN BY: HC-A	DATE: JULY -01	
CHECKED BY: DLH	DATE: JULY -01	



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NOM. PIPE SIZE	RESTRAINED JOINT LENGTH				SCHEDULE	
	BENDS				VALVES, TEES ($\frac{1}{2}$), DEAD ENDS	TEES ($\frac{1}{2}$)
	90°	45°	22.5°	11.25°		
6"	21'	13'	7'	4'	15'	5'
8"	26'	16'	10'	5'	18'	7'
10"	32'	20'	11'	6'	22'	10'
12"	39'	24'	14'	7'	27'	13'

1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, FIVE (5) DAYS PRIOR TO NECESSARY SHUT-OFF.
2. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.
3. NON PRESSURE CONNECTION ON CACTUS POINT DRIVE BY CHECKING THAT GATE VALVE 72 IS SHUT OFF.
4. NON PRESSURE CONNECTION AT SECRET OASIS AND SUNRISE WEST DRIVE INTERSECTION BY CHECKING THAT GATE VALVES X AND Y ARE SHUT OFF.
5. NON PRESSURE CONNECTION ON SUNSET GARDENS BY CHECKING THAT GATE VALVE W AND 473 ARE SHUT OFF.

[illegible]

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	3/4" - 1" METERED SERVICE
	LINE INSTALLATION
	DWG. 2362 MAR 2001

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

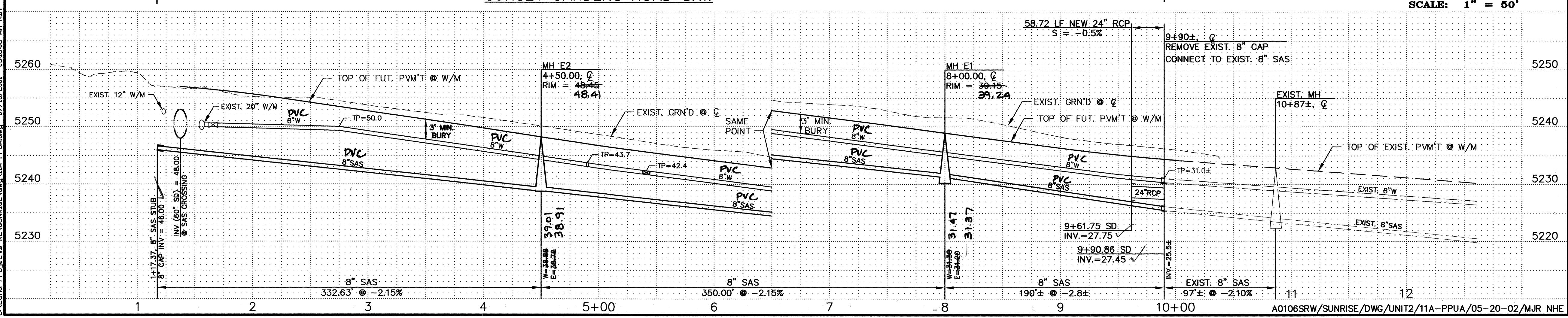
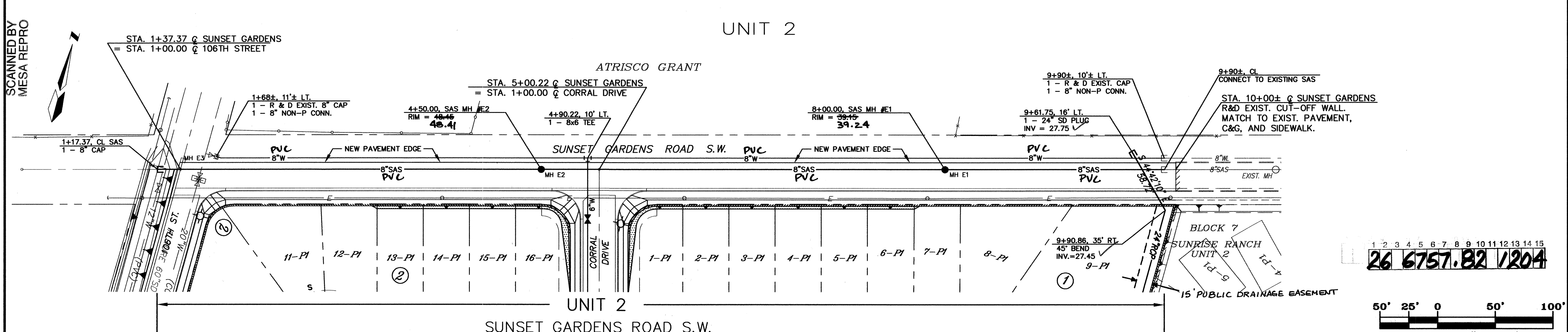
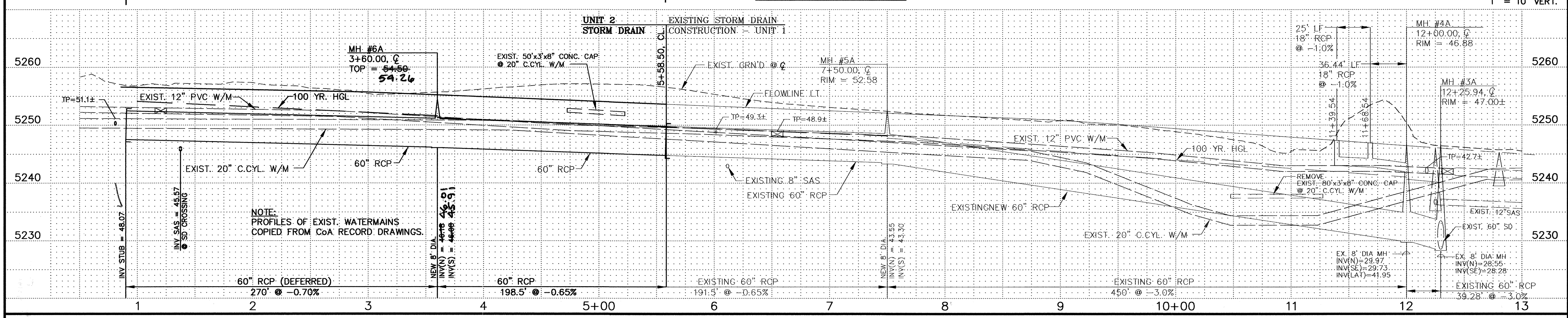
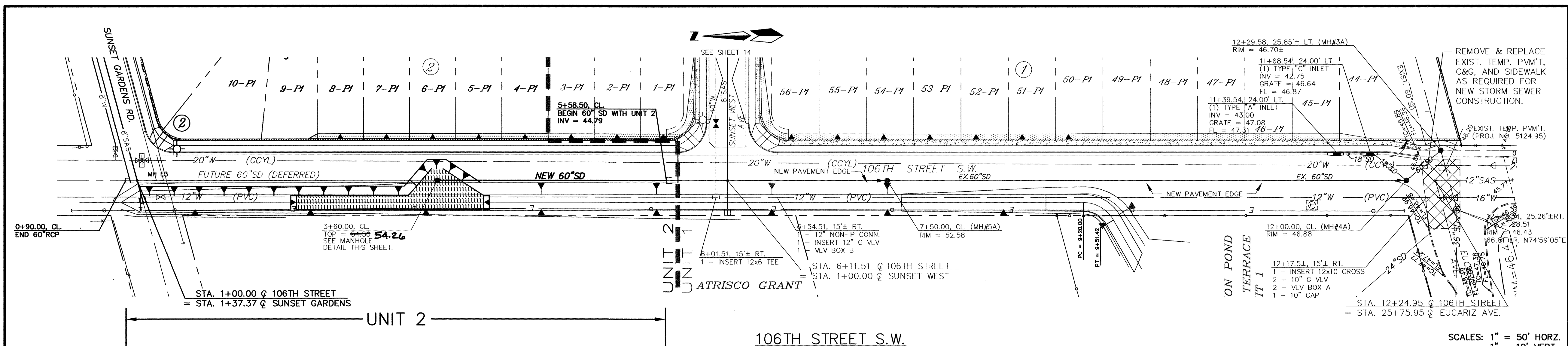
 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
SUNRISE RANCH WEST – UNIT 2
COMPOSITE SEWER AND WATER PLAN

DESIGN REVIEW COMMITTEE APPROVED JUL 11 A 2002 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED JUL - 8 2002 CITY ENGINEER	LAST DESIGN UPDATE Mo./DAY/YR.	Mo./DAY/YR.

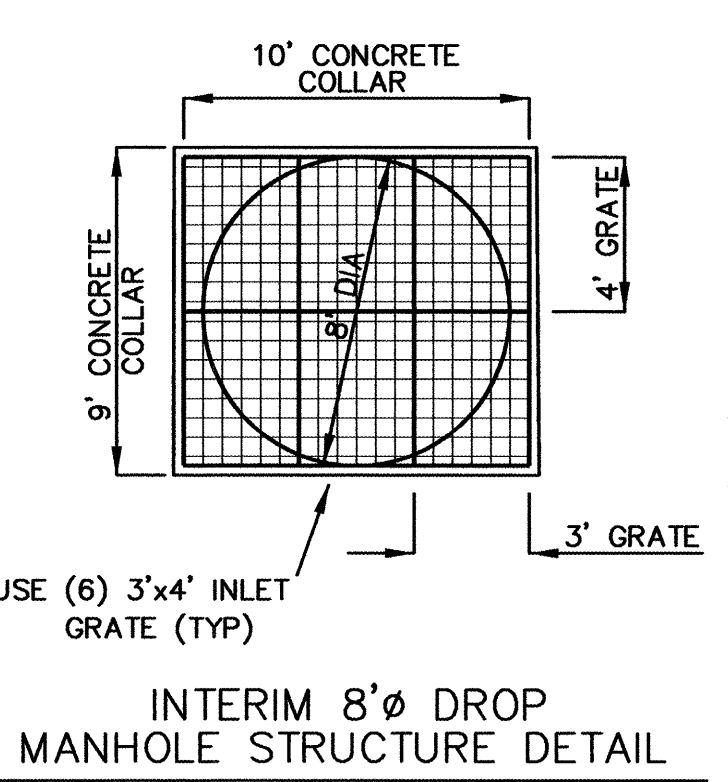
CITY PROJECT No.	ZONE MAP NO.	SHEET	OF
675782	L-8	11	17

SURVEY INFORMATION		FIELD NOTES		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE			CONTRACTOR	DATE	
	ALDRICH LAND SURVEY		AGS MONUMENT "9-19"		CCAL INC.	9/02	
	P.O. BOX 30701		THE STATION IS 439.2' EAST OF CENTERLINE OF 98TH ST.		ALS	9/02	
	ALBUQUERQUE, NM		AND IS 0.13 MILES NORTH RYNO CT., S.W.		ACCEPTANCE BY DMG	11/05	
			X = 353055.34, Y = 1480156.08, G-G = 0.99967636		VERIFICATION BY ALS	9/02	
			ELEV = 5187.036 (SLD 1929) (ELEVATION REVISED 1995)		DRAWINGS CORRECTED BY ALS	9/02	
	87190-0701						
	(505) 884-1990				MICRO-FILM INFORMATION		
					RECORDED BY	DATE	
					NO.		

[illegible]



STORM SEWER HYDRAULIC SUMMARY		
LOCATION	Q (cfs)	V (fps)
MH 3A-4A	257	13.0
MH 4A-5A	244	12.8
MH 5A-6A	239	12.2
MH 6A-STUB	239	12.1



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer of the firm of 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 installation shown on these plans was 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 Aldrich Land Surveying, N.M.P.S. Number 7719.

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Construction Contracting & Management (CCM), and by the surveyor, Aldrich Land Surveying, N.M.P.S. and has been constructed in substantial compliance with the approved plans.

DATE: 05-21-02

REMARKS: REVISIONS DESIGN

DESIGNED BY: HC-A
DRAWN BY: HC-A
CHECKED BY: DLH

CONTRACTOR: CCM, INC.

DATE: 09/02

INSPECTOR'S SIGNATURE: [Signature]

DATE: 11/02

VERIFICATION BY: [Signature]

DATE: 11/02

CORRECTED BY: [Signature]

DATE: 11/02

MICRO-FILM INFORMATION

RECORDED BY: [Signature]

DATE: [Blank]

NO. [Blank]

DATE [Blank]

BY [Blank]

DATE: JULY -01

DATE: JULY -01

DATE: JULY -01

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

DESIGN REVIEW COMMITTEE

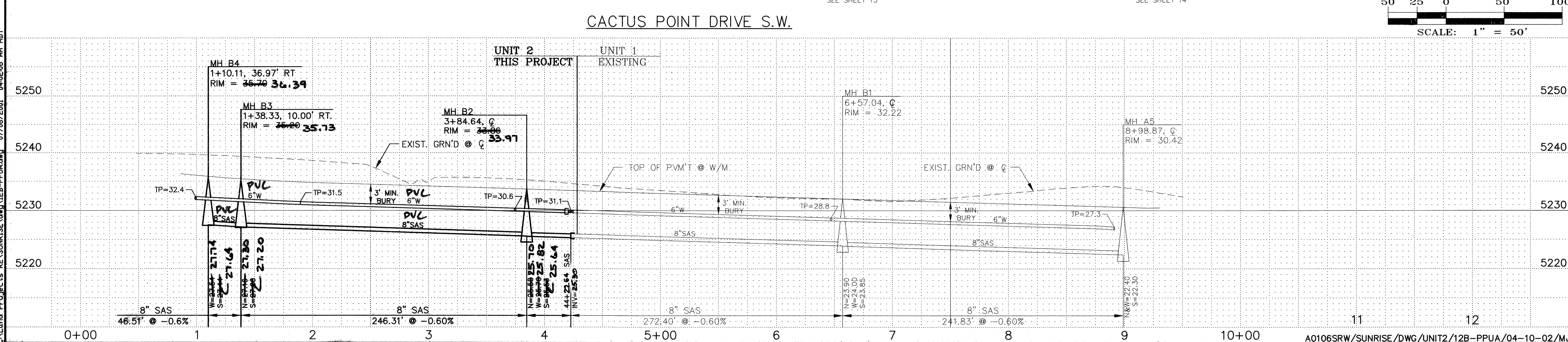
CITY ENGINEER

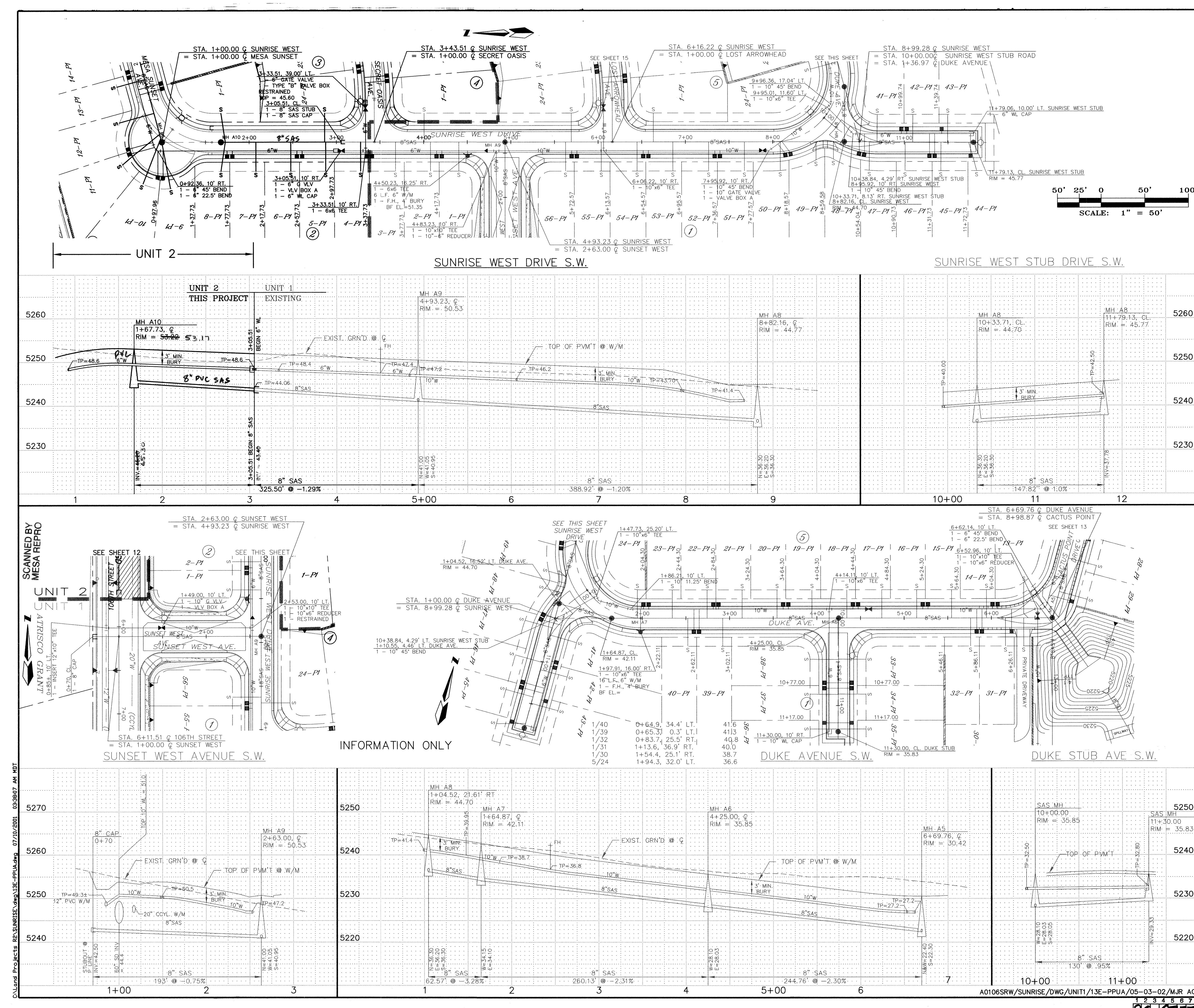
CITY PROJECT No. 675782

ZONE MAP NO. L-8

SHEET 12 OF 17

F:\AO066\A0106SRW\SUNRISE.dwg\UNIT2\11A-PPUA.dwg, Layout1, 05/21/02 09:35:39 AM, Mark Goodwin & Associates Plotted by NHE

[illegible]



SEWER SERVICE LOCATIONS

SUNRISE WEST DR. S.W.

BLOCK/LOT	STATION/OFFSET	INV. @ P.U.E.
3/1	1+67.7, 33.0' LT.	48.9
3/24	2+86.5, 33.0' LT.	47.9
4/1	4+00.5, 33.0' LT.	47.0
4/24	5+54.2, 33.0' LT.	45.8
5/1	6+73.3, 33.0' LT.	44.8
5/24	7+91.4, 33.0' LT.	43.0
UNIT 2		
2/8	1+67.7, 33.0' RT.	48.9
2/7	2+07.7, 33.0' RT.	48.5
2/6	2+47.7, 33.0' RT.	48.2
2/5	2+87.7, 33.0' RT.	47.9
2/4	3+27.7, 33.0' RT.	47.6
2/3	3+67.7, 33.0' RT.	47.3
2/2	4+07.7, 33.0' RT.	46.9
2/1	4+40.2, 33.0' RT.	46.7
UNIT 1		
1/56	5+62.6, 33.0' RT.	44.9
1/55	6+03.6, 33.0' RT.	44.5
1/54	6+44.6, 33.0' RT.	44.2
1/53	6+85.6, 33.0' RT.	43.9
1/52	7+26.6, 33.0' RT.	43.5
1/51	7+67.6, 33.0' RT.	43.2
1/50	8+08.6, 32.7' RT.	41.6
1/49	8+49.6, 21.2' RT.	39.7
1/48	8+69.6, 20.4' RT.	39.7

DUKE AVE. S.W.

1/40	2+42.1, 32.0' RT.	36.2
1/39	2+92.1, 32.0' RT.	34.8
1/32	5+76.1, 32.0' RT.	28.0
1/31	6+16.1, 32.0' RT.	27.1
1/30	6+36.9, 32.0' RT.	26.7
5/24	1+94.3, 32.0' LT.	37.8
5/23	2+34.3, 32.0' LT.	36.6
5/22	2+74.3, 32.0' LT.	35.4
5/21	3+14.3, 32.0' LT.	34.5
5/20	3+54.3, 32.0' LT.	33.5
5/19	3+94.3, 32.0' LT.	32.5
5/18	4+34.3, 32.0' LT.	31.6
5/17	4+74.3, 32.0' LT.	30.6
5/16	5+14.3, 32.0' LT.	29.7
5/15	5+54.3, 32.0' LT.	28.7
5/14	5+94.3, 32.0' LT.	27.7
5/13	6+37.0, 40.2' LT.	26.9

SUNRISE WEST STUB DR. S.W.

1/47	10+62.55, 32.4' RT.	39.9
1/46	11+00.73, 32.5' RT.	40.4
1/45	11+41.73, 32.2' RT.	41.0
1/44	11+82.73, 32.2' RT.	41.5
1/43	11+49.74, 31.8' RT.	41.1
1/42	11+09.74, 31.5' RT.	40.5
1/41	10+68.91, 31.2' RT.	40.0

DUKE STUB AVE. S.W.

1/38	10+47.00, 32.6' RT.	32.1
1/37	10+87.00, 32.3' RT.	32.3
1/36	11+27.00, 32.0' RT.	32.1
1/35	11+67.00, 32.0' RT.	32.1
1/34	10+87.00, 31.7' RT.	31.8
1/33	10+47.00, 31.4' RT.	32.1

DUKE AVE. S.W.

DUKE STUB AVE. S.W.

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Construction Contracting & Management (CCM), and by the surveyor, Audrich Land Surveying, and reflects the construction as actually accomplished. The engineer is not responsible for any errors or omissions in the drawings or for any consequences resulting therefrom, except as may be caused by my negligence or the negligence of my firm or any person or persons under my direct supervision and control. My license number is 11967.

DATE: JULY -01
DRAWN BY: HC-A
CHECKED BY: DLH

SEWER SERVICE LOCATIONS

SUNRISE WEST DR. S.W.

BLOCK/LOT	STATION/OFFSET	INV. @ P.U.E.
3/1	1+67.7, 33.0' LT.	48.9
3/24	2+86.5, 33.0' LT.	47.9
4/1	4+00.5, 33.0' LT.	47.0
4/24	5+54.2, 33.0' LT.	45.8
5/1	6+73.3, 33.0' LT.	44.8
5/24	7+91.4, 33.0' LT.	43.0
UNIT 2		
2/8	1+67.7, 33.0' RT.	48.9
2/7	2+07.7, 33.0' RT.	48.5
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2/2	4+07.7, 33.0' RT.	46.9
2/1	4+40.2, 33.0' RT.	46.7
UNIT 1		
1/56	5+62.6, 33.0' RT.	44.9
1/55	6+03.6, 33.0' RT.	44.5
1/54	6+44.6, 33.0' RT.	44.2
1/53	6+85.6, 33.0' RT.	43.9
1/52	7+26.6, 33.0' RT.	43.5
1/51	7+67.6, 33.0' RT.	43.2
1/50	8+08.6, 32.7' RT.	41.6
1/49	8+49.6, 21.2' RT.	39.7
1/48	8+69.6, 20.4' RT.	39.7

DUKE AVE. S.W.

1/40	2+42.1, 32.0' RT.	36.2
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1/32	5+76.1, 32.0' RT.	28.0
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1/35	11+67.00, 32.0' RT.	32.1
1/34	10+87.00, 31.7' RT.	31.8
1/33	10+47.00, 31.4' RT.	32.1

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DATE: JULY -01
DRAWN BY: HC-A
CHECKED BY: DLH

SEWER SERVICE LOCATIONS

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5/20	3+54.3, 32.0' LT.	33.5
5/19	3+94.3, 32.0' LT.	32.5
5/18	4+34.3, 32.0' LT.	31.6
5/17	4+74.3, 32.0' LT.	30.6
5/16	5+14.3, 32.0' LT.	29.7
5/15	5+54.3, 32.0' LT.	28.7
5/14	5+94.3, 32.0' LT.	27.7
5/13	6+37.0, 40.2' LT.	26.9

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DATE: JULY -01
DRAWN BY: HC-A
CHECKED BY: DLH

SEWER SERVICE LOCATIONS

SUNRISE WEST DR. S.W.

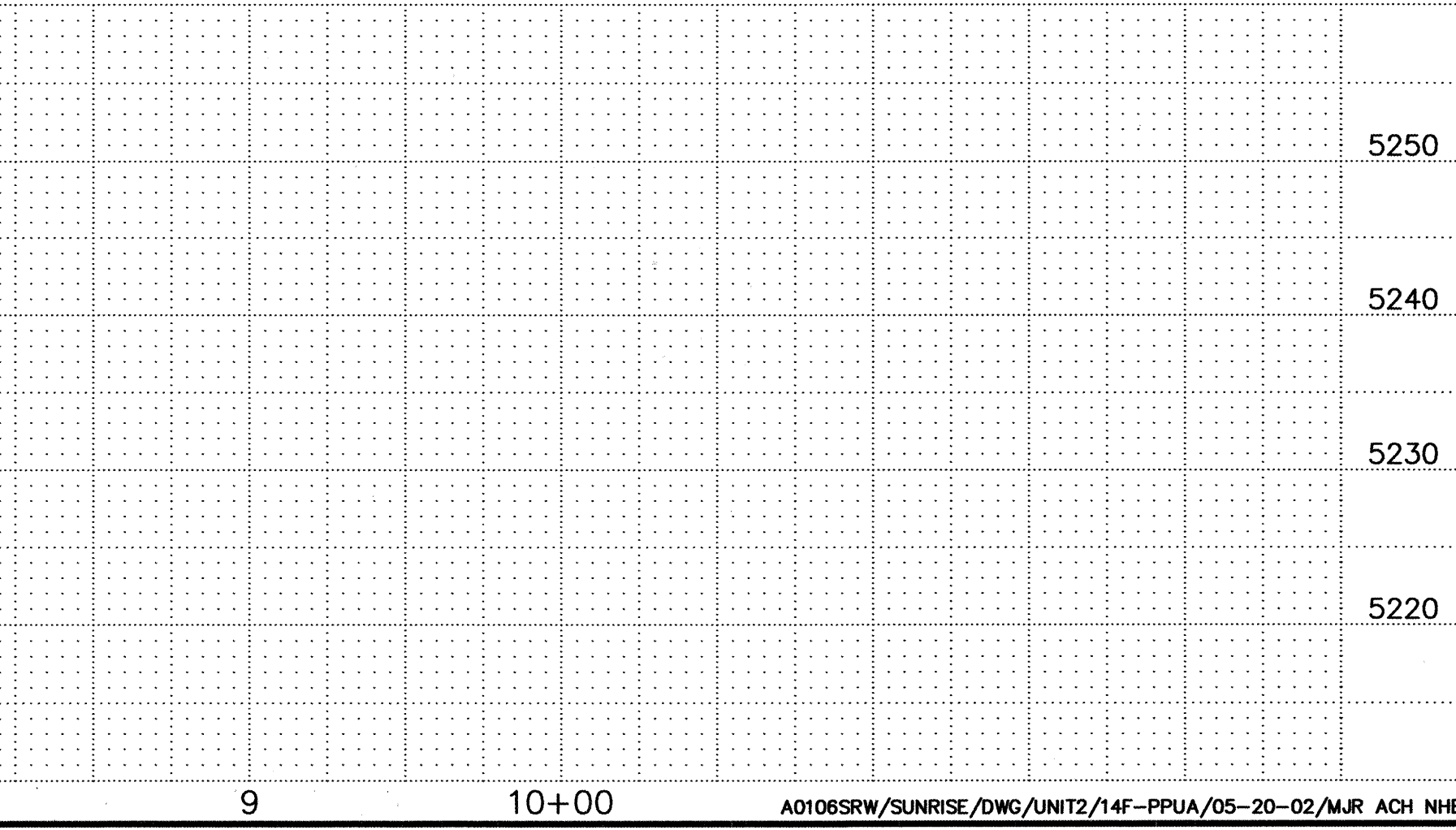
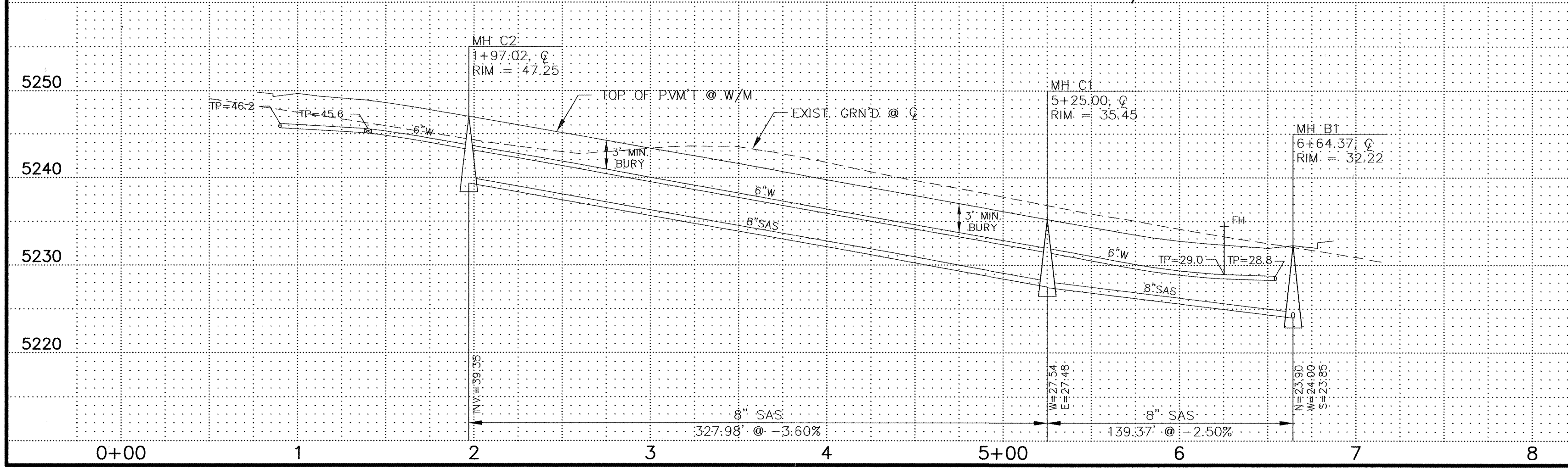
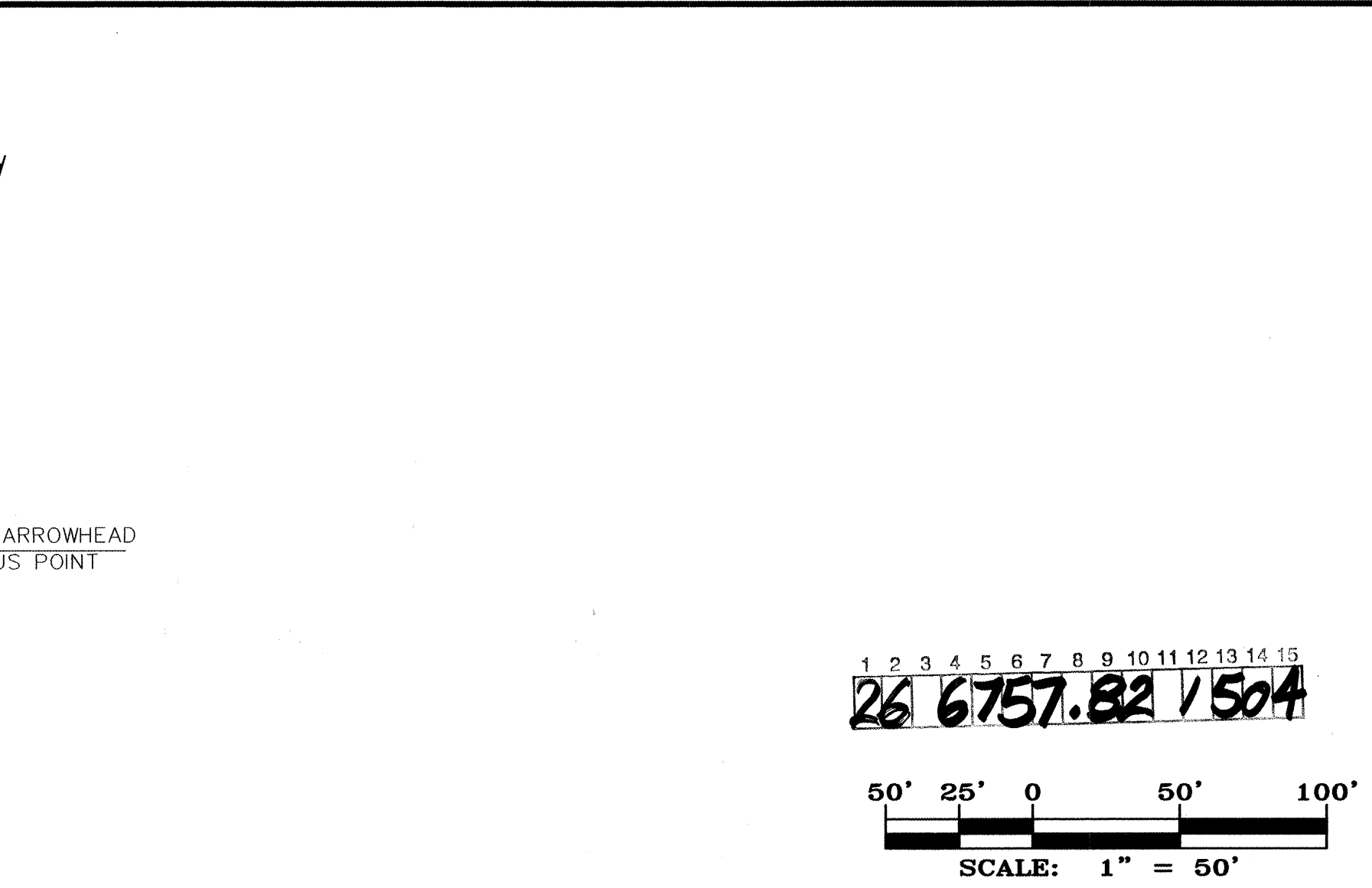
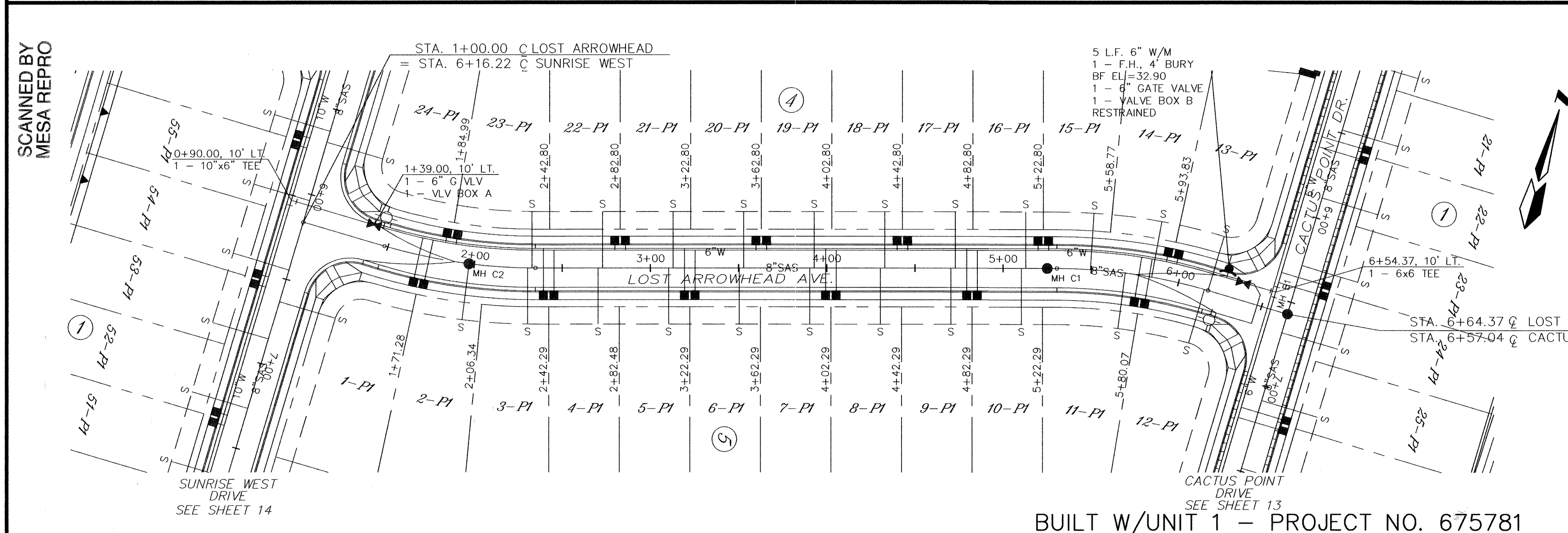
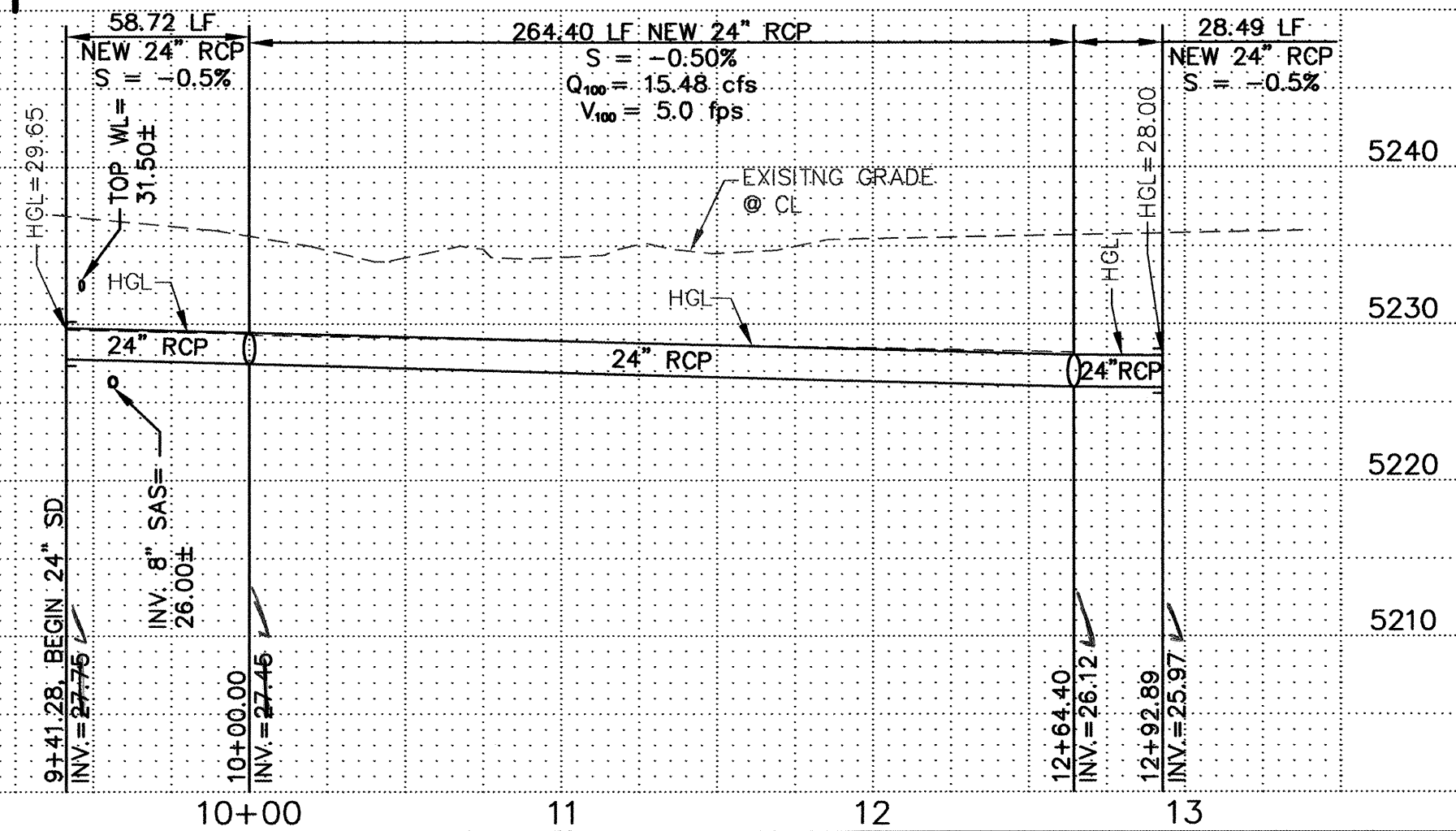
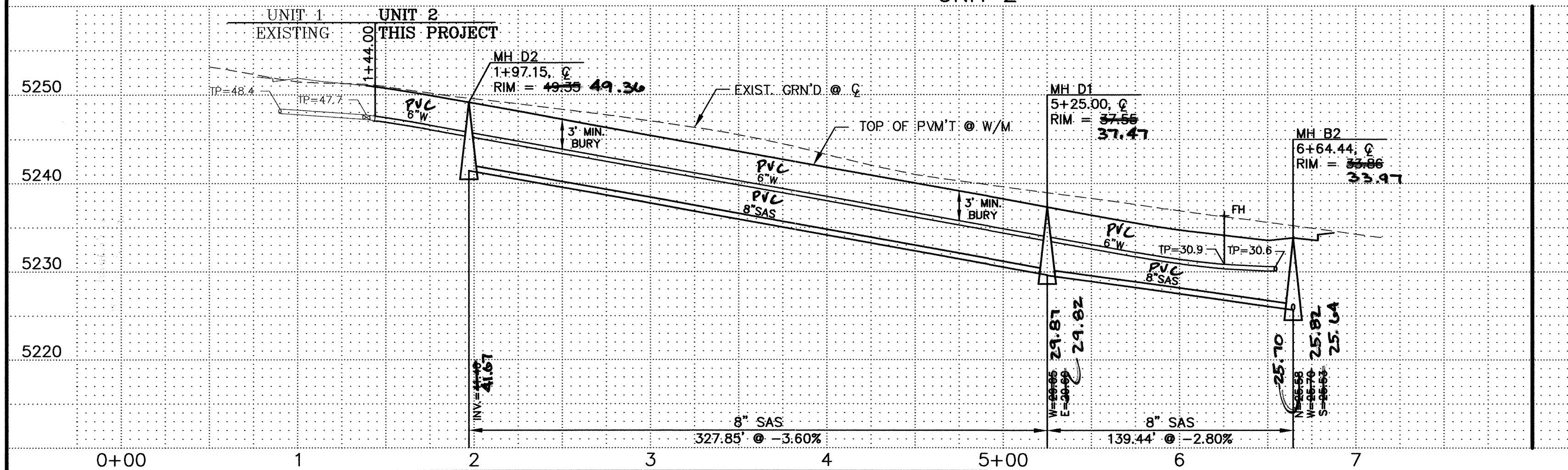
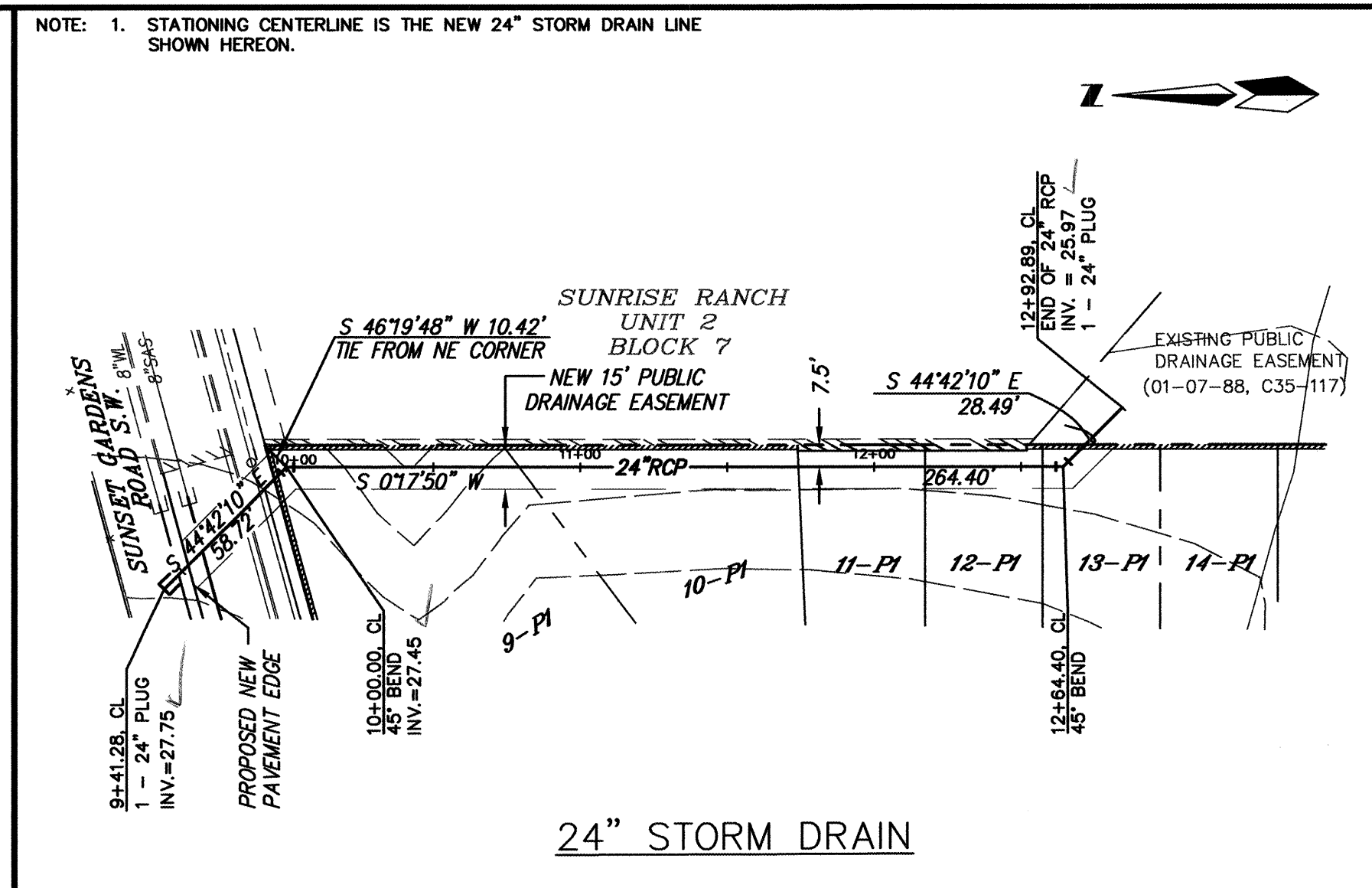
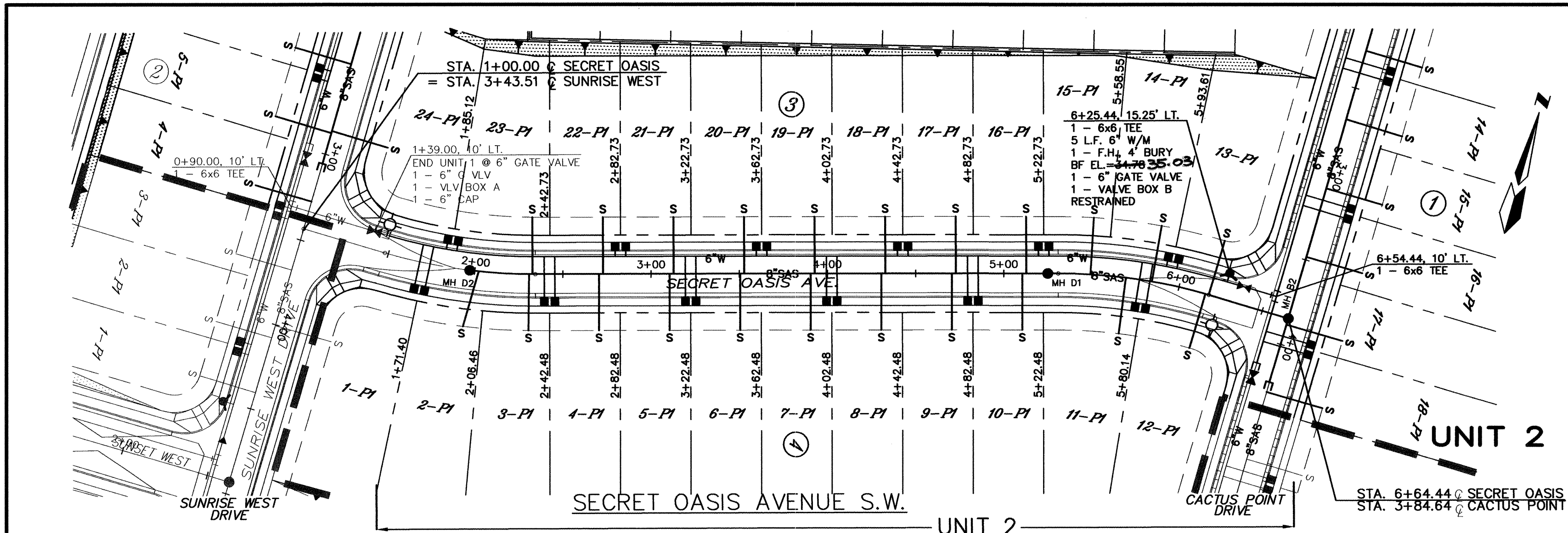
BLOCK/LOT	STATION/OFFSET	INV. @ P.U.E.
3/1	1+67.7, 33.0' LT.	48.9
3/24	2+86.5, 33.0' LT.	47.9
4/1	4+00.5, 33.0' LT.	47.0
4/24	5+54.2, 33.0' LT.	45.8
5/1	6+73.3, 33.0' LT.	44.8
5/24	7+91.4, 33.0' LT.	43.0
UNIT 2		
2/8	1+67.7, 33.0' RT.	48.9
2/7	2+07.7, 33.0' RT.	48.5
2/6	2+47.7, 33.0' RT.	48.2
2/5	2+87.7, 33.0' RT.	47.9
2/4	3+27.7, 33.0' RT.	47.6
2/3	3+67.7, 33.0' RT.	47.3
2/2	4+07.7, 33.0' RT.	46.9
2/1	4+40.2, 33.0' RT.	46.7
UNIT 1		
1/56	5+62.6, 33.0' RT.	44.9
1/55	6+03.6, 33.0' RT.	44.5
1/54	6+44.6, 33.0' RT.	44.2
1/53	6+85.6, 33.0' RT.	43.9
1/52	7+26.6, 33.0' RT.	43.5
1/51	7+67.6, 33.0' RT.	43.2
1/50	8+08.6, 32.7' RT.	41.6
1/49	8+49.6, 21.2' RT.	39.7
1/48	8+69.6, 20.4' RT.	39.7

DUKE AVE. S.W.

1/40	2+42.1, 32.0' RT.	36.2
1/39	2+92.1, 32.0' RT.	34.8
1/32	5+76.1, 32.0' RT.	28.0
1/31	6+16.1, 32.0' RT.	27.1
1/30	6+36.9, 32.0' RT.	26.7
5/24	1+94.3, 32.0' LT.	37.8
5/23	2+34.3, 32.0' LT.	36.6
5/22	2+74.3, 32.0' LT.	35.4
5/21	3+14.3, 32.0' LT.	34.5
5/20	3+54.3, 32.0' LT.	33.5
5/19	3+94.3, 32.0' LT.	32.5
5/18	4+34.3, 32.0' LT.	31.6
5/17	4+74.3, 32.0' LT.	30.6
5/16	5+14.3, 32.0' LT.	29.7
5/15	5+54.3, 32.0' LT.	28.7
5/14	5+94.3, 32.0' LT.	27.7
5/13	6+37.0, 40.2' LT.	26.9

SUNRISE WEST STUB DR. S.W.

1/47	10+62.55, 32.4' RT.	39.9
1/46	11+00.73, 32.5' RT.	40.4
1/45	11+41.73, 32.2' RT.	41.0
1/44	11+82.73, 32.2' RT.	41.5
1/43	11+49.74, 31.8' RT.	41.1
1/42	11+09.74, 31.5' RT.	40.5
1/41	10	



SEWER SERVICE LOCATIONS

SECRET OASIS AVE. S.W.

BLOCK/LOT	STATION/OFFSET	INV. @ P.U.E.
3/23	2+32.5, 32.0' LT.	43.7
3/22	2+72.7, 32.0' LT.	42.3
3/21	3+12.7, 32.0' LT.	40.8
3/20	3+52.7, 32.0' LT.	39.4
3/19	3+92.7, 32.0' LT.	38.0
3/18	4+32.7, 32.0' LT.	36.5
3/17	4+72.7, 32.0' LT.	35.1
3/16	5+12.7, 32.0' LT.	33.6
3/15	5+49.2, 32.0' LT.	32.3
3/14	5+84.3, 32.0' LT.	31.1
3/13	6+17.4, 32.0' LT.	30.2

UNIT 2

4/2	1+97.2, 32.0' RT.	45.0
4/3	2+30.9, 32.0' RT.	43.9
4/4	2+70.5, 32.0' RT.	42.5
4/5	3+10.5, 32.0' RT.	41.1
4/6	3+50.5, 32.0' RT.	39.6
4/7	3+90.5, 32.0' RT.	38.2
4/8	4+30.5, 32.0' RT.	36.7
4/9	4+70.5, 32.0' RT.	35.3
4/10	5+10.5, 32.0' RT.	33.8
4/11	5+49.4, 32.0' RT.	31.6
4/12	6+15.4, 32.0' RT.	30.4

LOST ARROWHEAD AVE. S.W.

4/23	2+32.6, 32.0' LT.	41.6
4/22	2+72.8, 32.0' LT.	40.2
4/21	3+12.8, 32.0' LT.	38.7
4/20	3+52.8, 32.0' LT.	37.3
4/19	3+92.8, 32.0' LT.	35.8
4/18	4+32.8, 32.0' LT.	34.4
4/17	4+72.8, 32.0' LT.	33.0
4/16	5+12.8, 32.0' LT.	31.5
4/15	5+49.5, 32.0' LT.	30.2
4/14	5+84.5, 32.0' LT.	29.0
4/13	6+17.4, 32.0' LT.	28.2

UNIT 1

5/2	1+97.0, 32.0' RT.	42.9
5/3	2+30.3, 32.0' RT.	41.8
5/4	2+72.3, 32.0' RT.	40.3
5/5	3+10.3, 32.0' RT.	39.0
5/6	3+50.3, 32.0' RT.	37.5
5/7	3+90.3, 32.0' RT.	36.1
5/8	4+30.3, 32.0' RT.	34.6
5/9	4+70.3, 32.0' RT.	33.1
5/10	5+10.3, 32.0' RT.	31.8
5/11	5+49.3, 32.0' RT.	29.5
5/12	6+15.4, 32.0' RT.	28.4

AS BUILT INFORMATION

CONTRACTOR: CCM INC.

DATE: 9/2/02

STATIONED BY: DMS

ACCEPTANCE BY: DMS

DATE: 11/1/02

DESIGNED BY: ALS

DATE: 11/1/02

CHECKED BY: ALS

DATE: 11/1/02

RECORDED BY: MICRO-FILM INFORMATION

DATE: 11/1/02

BENCH MARKS

ACS MONUMENT "9-19"

THE STATION IS 49.2' EAST OF CENTERLINE OF 98TH ST. AND IS 0.13 MILES NORTH RYNO CT. S.W. X = 353055.34 Y = 1480158.08 G-G = 0.99967636 ELEV = 5187.036 (SLD 1929) (ELEVATION REVISED 1995)

SURVEY INFORMATION

FIELD NOTES

NO. BY DATE

ALDRICH LAND SURVEY

P.O. BOX 30701

ALBUQUERQUE, NM

87190-0701

(505) 884-1990

ENGINEER'S SEAL

Mark Goodwin & Associates, P.A.

11619

05-21-02

RECORD DRAWING

I, Diane Hoelzer, of the firm of 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 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 Aldrich Land Surveying, NIMPS Number 7719.

I hereby certify that the information contained on this drawing has been reviewed in accordance with information furnished by the contractor. Construction of the infrastructure shall be in accordance with the approved plans and specifications. Surveying and reflects the construction as actually accomplished. HOG-11619-05-21-02

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

SUNRISE RANCH WEST - UNIT 2

SECRET OASIS DR. S.W.

SEWER AND WATER PLANS & PROFILES

DESIGN REVIEW COMMITTEE

APPROVE

JUN 14 2002

DESIGN REVIEW COMMITTEE

LAST DESIGN UPDATE

11 - 8 2002

CITY ENGINEER

Mo./DAY/YR.

Mo./DAY/YR.

CITY PROJECT No.

7675782

ZONE MAP NO.

L-8

SHEET

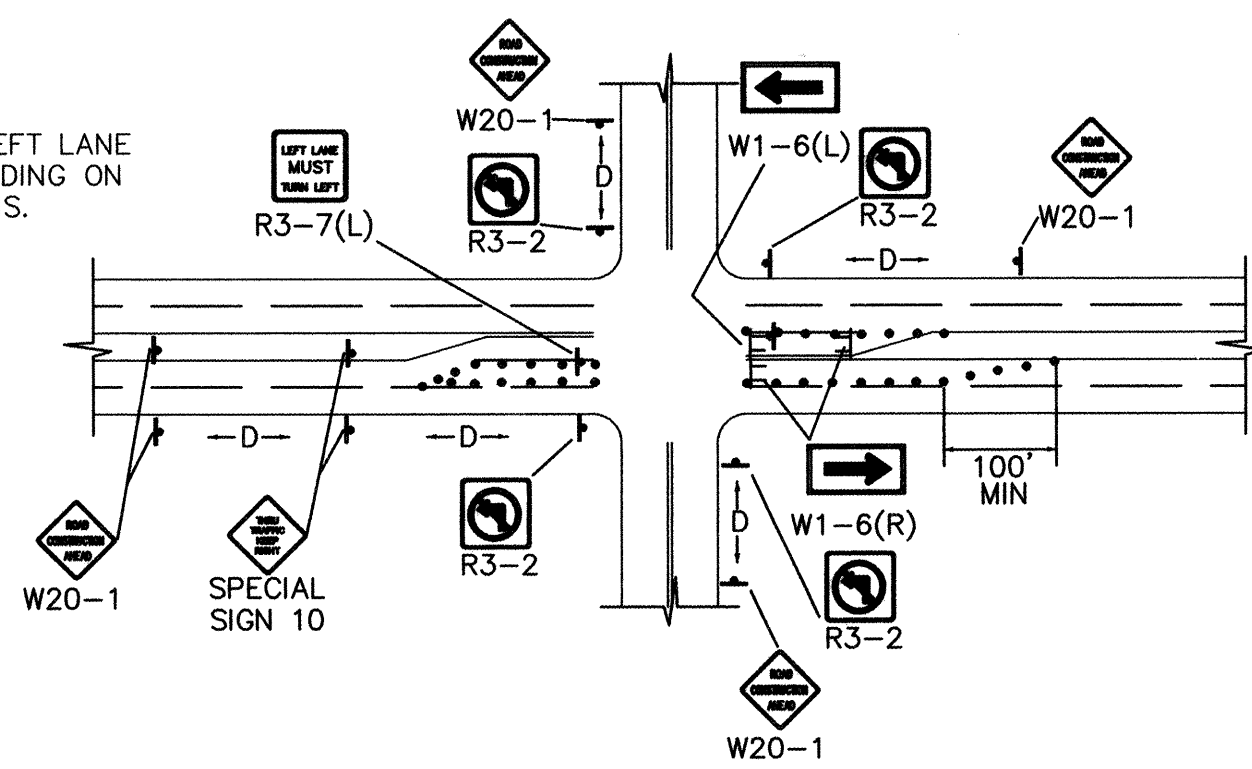
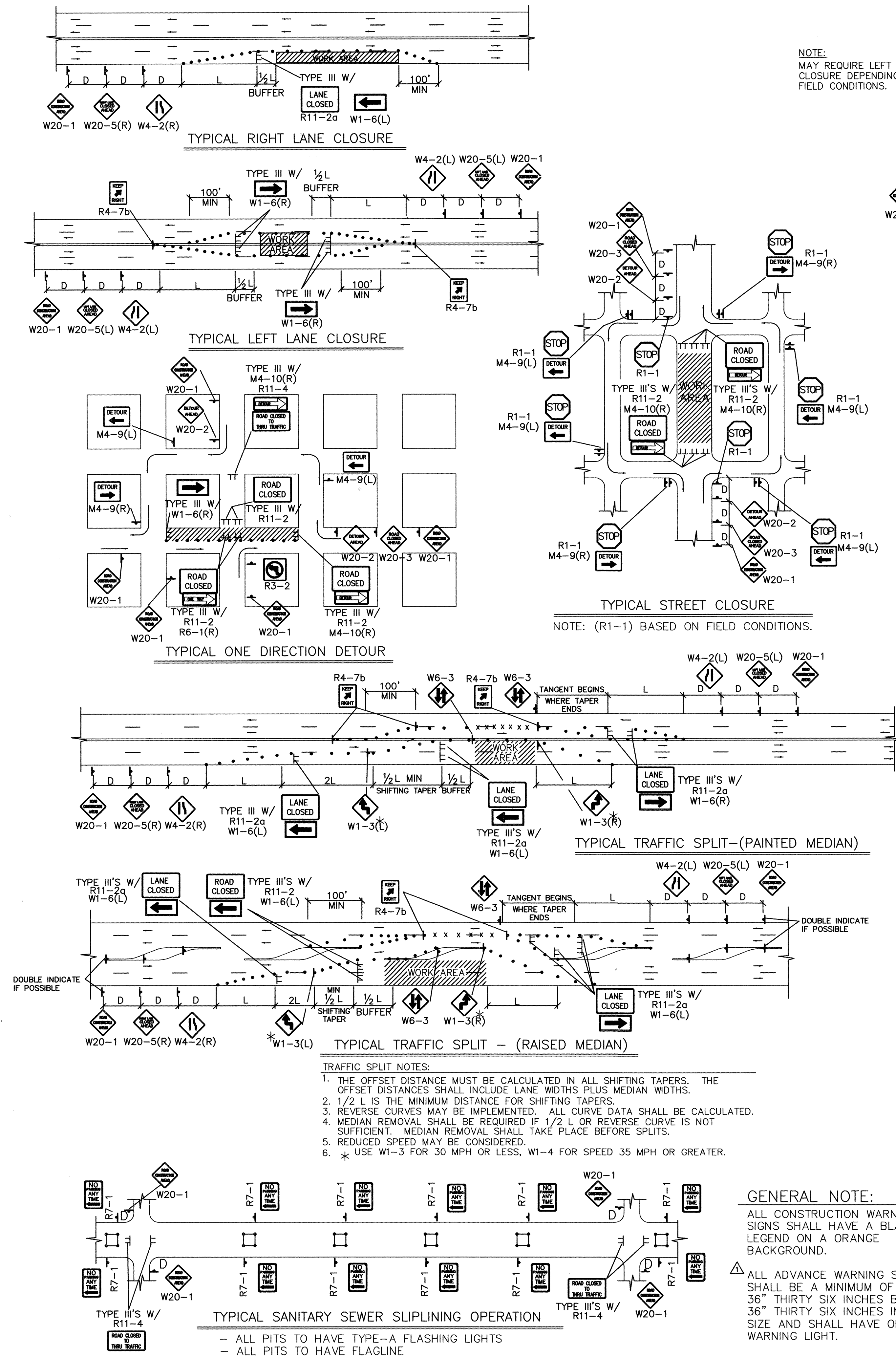
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OF

17

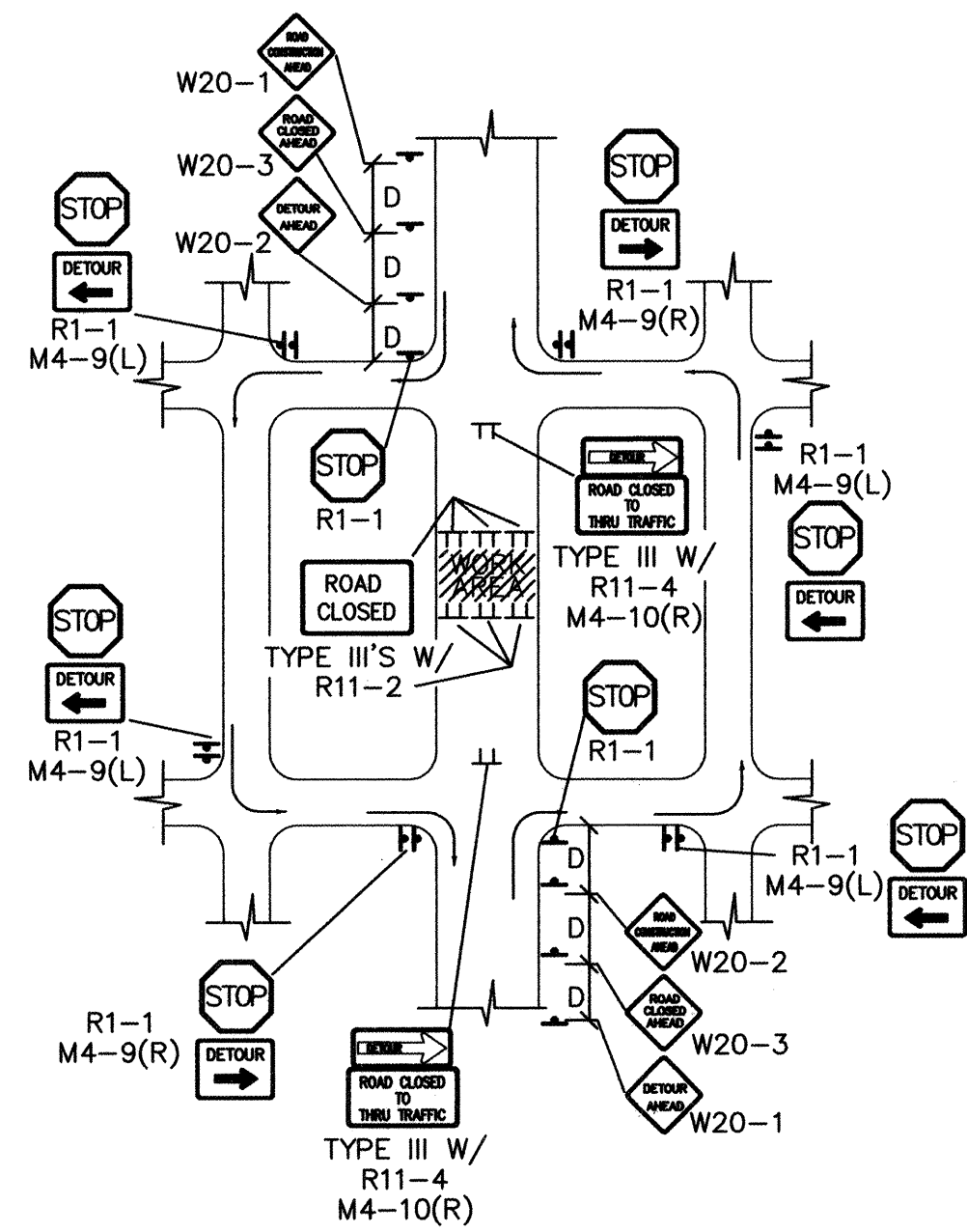
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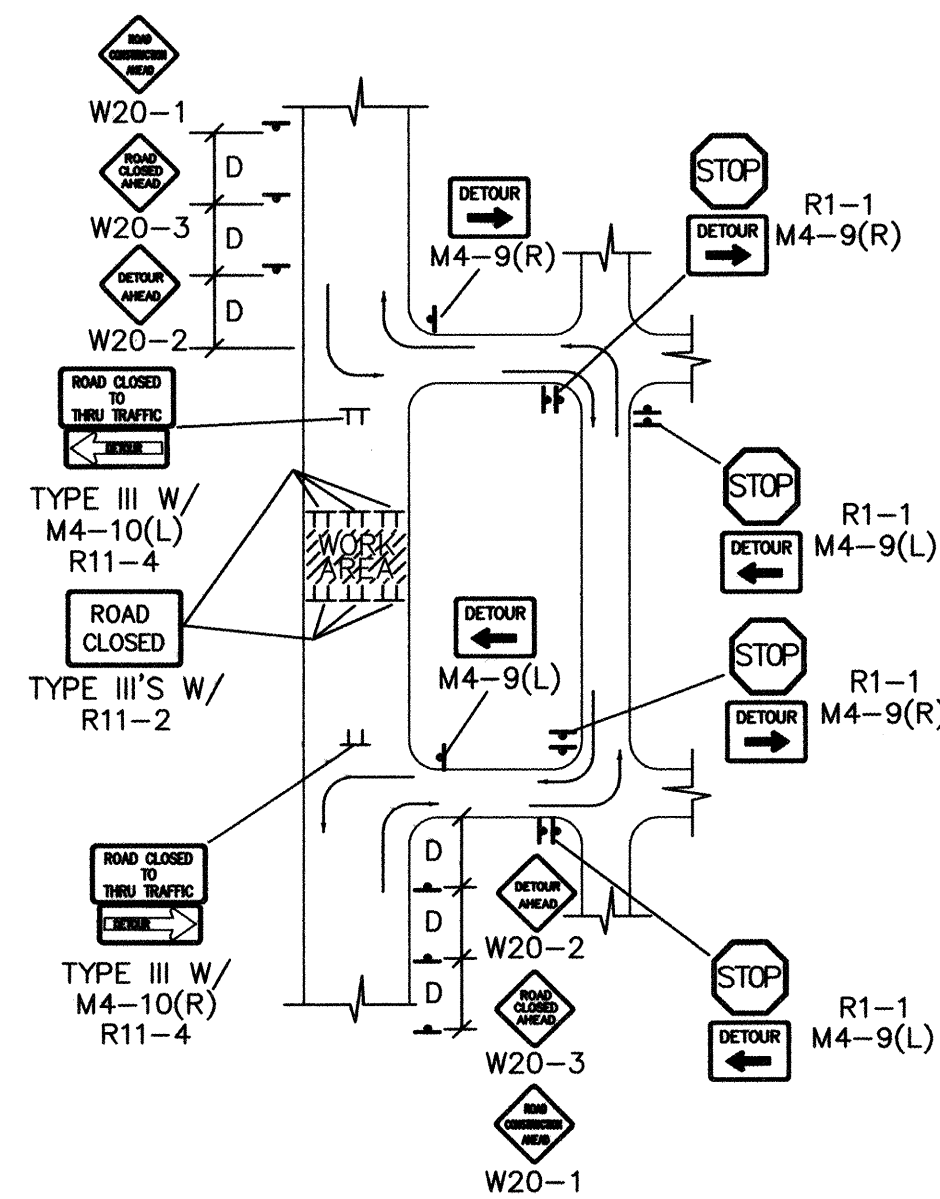
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



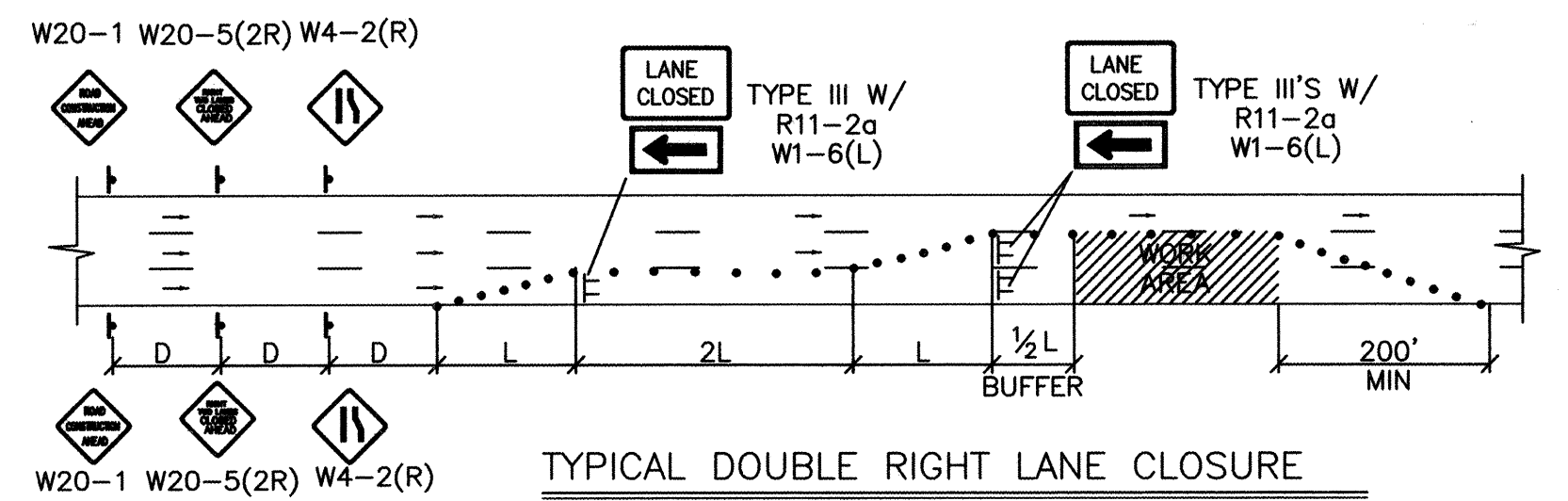
TYPICAL MID-BLOCK CLOSURE

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

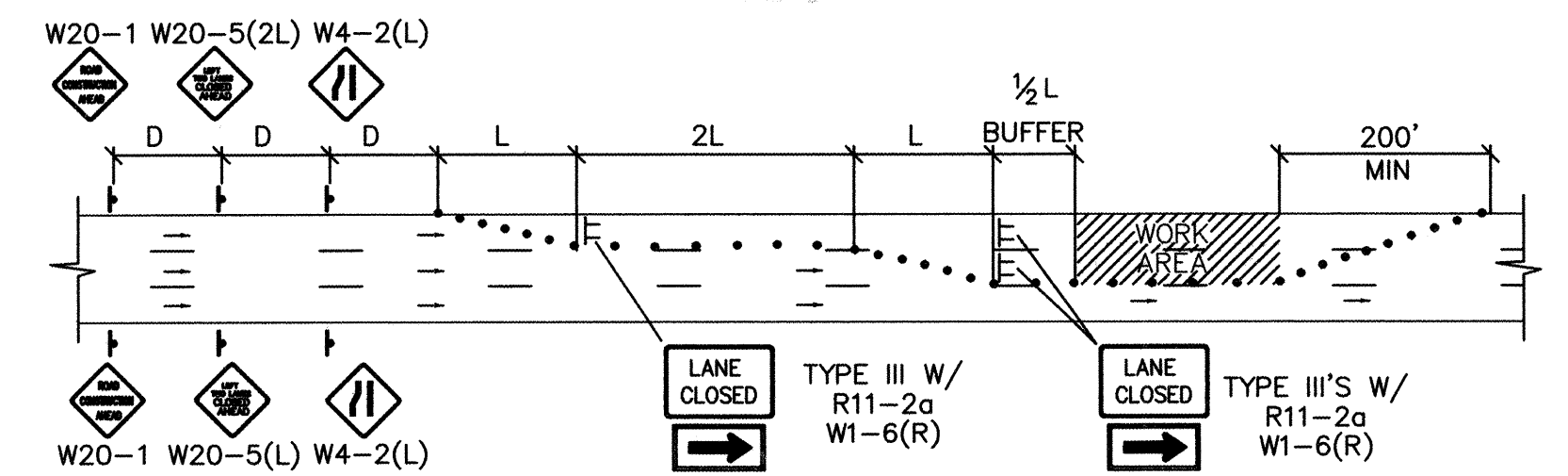


TYPICAL STREET CLOSURE

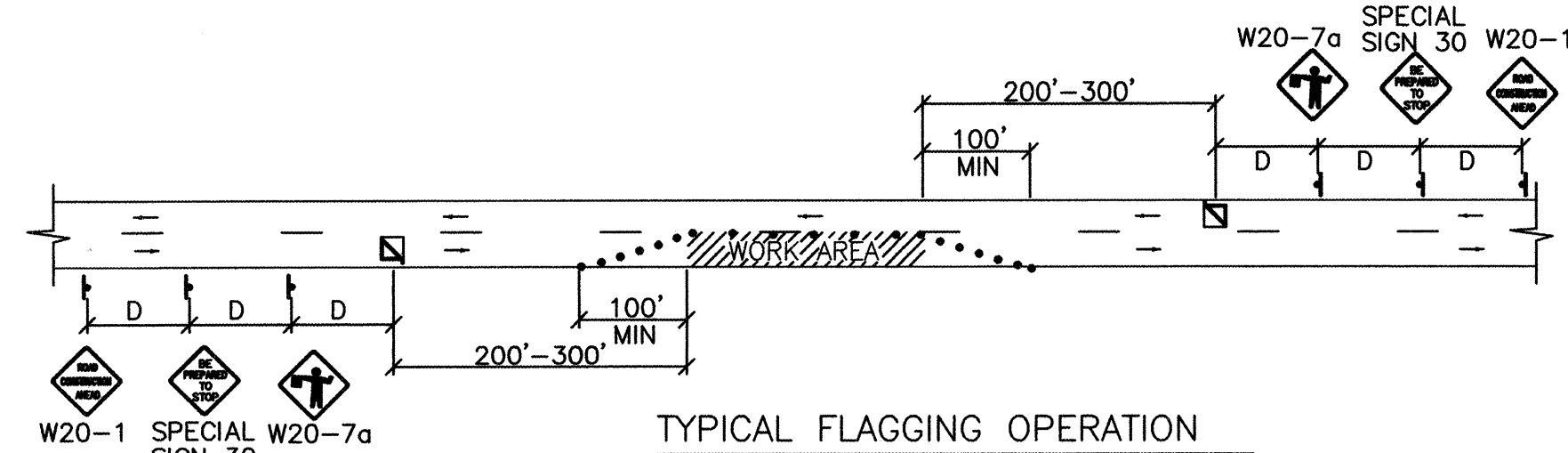
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



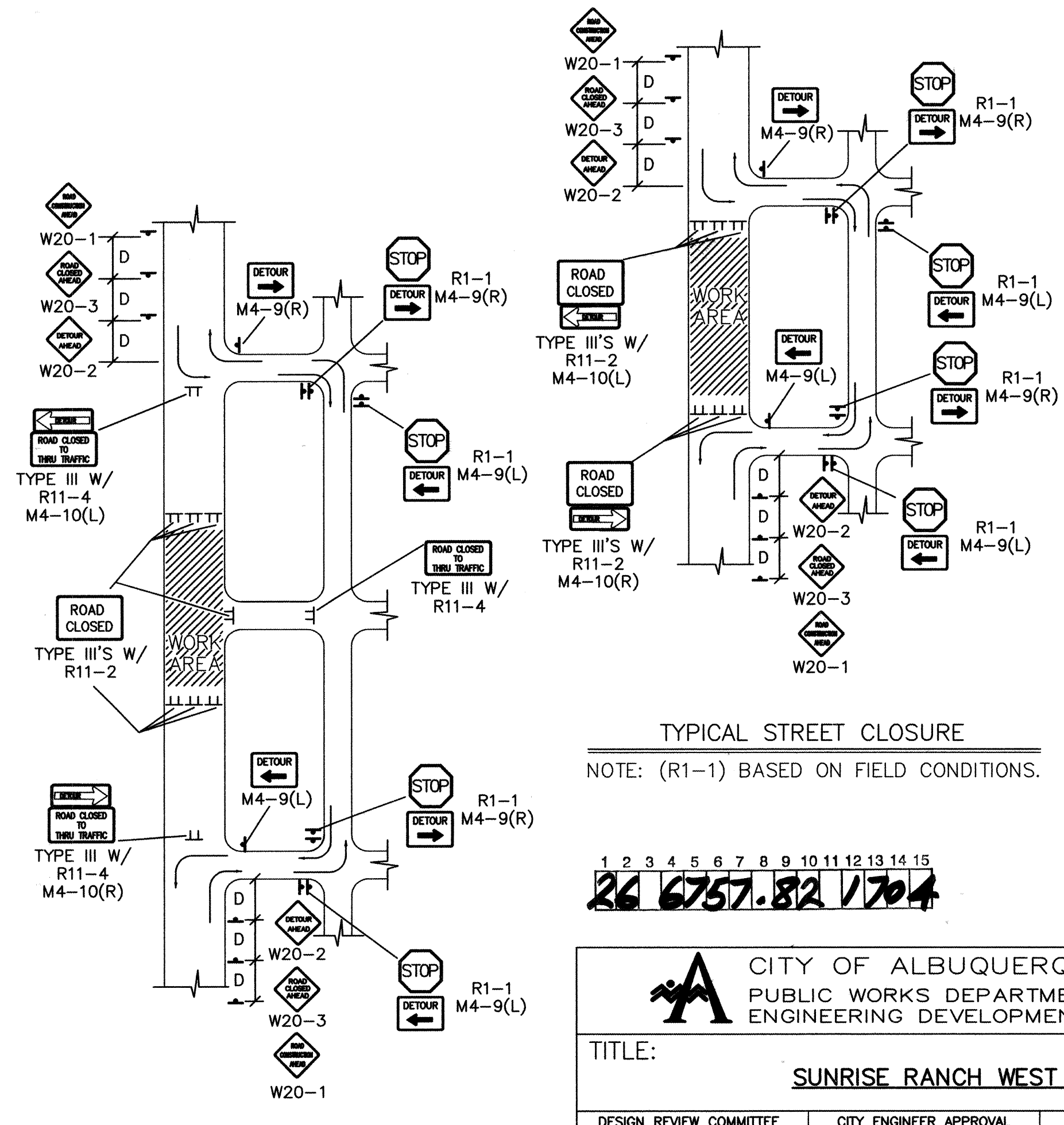
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
26		6	7	5	7	.	8	2		1	7	0	4	

		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: <u>SUNRISE RANCH WEST – UNIT 2</u>					
DESIGN REVIEW COMMITTEE C.O.A. STANDARD		CITY ENGINEER APPROVAL C.O.A. STANDARD		LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO. 675782		ZONE MAP NO. L-8		SHEET 17	OF 17