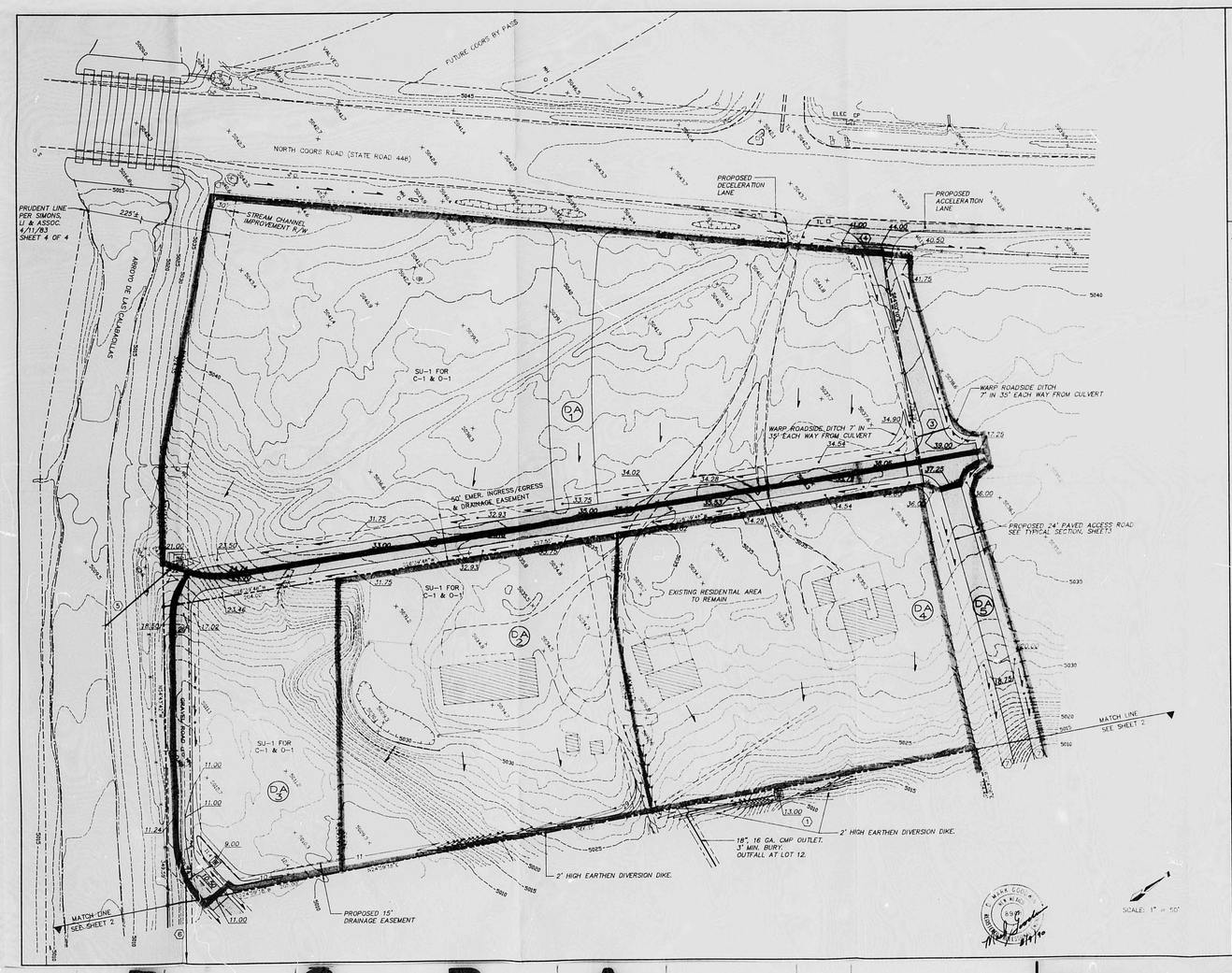
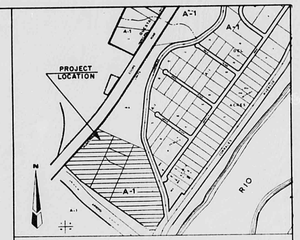
PUBLIC WORKS/HYDROLOGY

B14/D5





VICINITY MAP

ZONE ATLAS: B-14

SCALE: NONE

STRUCTURE LISTING

1. EXISTING RESIDENTIAL AREA (NOT STRUCTURE TO LOT 12 HOME) 18" x 32ft. 16 GA. CMP WITH END SECTION AT HOME. SINGLE "D" INLET WITH CONCRETE APRON AND DIVERSION DIKE AT INLET.
2. TYPICAL 1.33' EARTHEN DITCH ADJACENT TO TEMPORARY GRAVEL ROAD. SEE TYPICAL SECTION, SHEET 3.
3. 18" X 46' RCP ROADWAY CULVERT WITH END SECTIONS. SEE DETAIL, SHEET 3.
4. 24" X 82' RCP ROADWAY CULVERT WITH END SECTIONS. SEE DETAIL, SHEET 3.
5. DOUBLE "D" INLET IN CONCRETE DAMP AND 24" x 110' RCP OUTLET TO ARROYO DE LAS CALABACILLAS.
6. SINGLE "D" INLET IN CONCRETE DAMP AND 24" x 240' RCP OUTLET TO ARROYO DE LAS CALABACILLAS.
7. ASPHALT DITCH -- SEE DETAIL, SHEET 3.

GENERAL NOTES

1. TOPOGRAPHY PROVIDED BY THOMAS R. MANN & ASSOCIATES, 8/90.
2. CONTOUR INTERVAL = 1'
3. PRUDENT LINE FROM SIMONS, LI & ASSOCIATES.
4. THIS MASTER GRADING PLAN IS FOR PLANNING PURPOSES -- DETAILED CONSTRUCTION DRAWINGS FOR ALL OUTLET STRUCTURES, ROADWAYS, ETC. WILL NEED TO BE DEVELOPED PRIOR TO CONSTRUCTION.
5. ALL ELEVATIONS ARE MEAN SEA LEVEL.
6. PER FIRM PANEL 350002 0002 C -- SITE DOES NOT LIE IN 100-YEAR FLOOD PLAIN.

LEGEND

- EXISTING FENCE OR WALL
- 5025 EXISTING CONTOUR
- 22 NEW CONTOUR
- PROPERTY LINE
- PRUDENT LINE
- EXISTING ACCESS ROAD
- FLOW DIRECTION ARROW
- 9.00 NEW SPOT ELEVATION
- x 5018.5 EXISTING SPOT ELEVATION
- DA 3 DRAINAGE AREA DESIGNATION

RECEIVED AUG 10 1990 HYDROLOGY DIVISION

Tierra West Development Management Services

WINDMILL ESTATES

MASTER GRADING PLAN

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

Designed: DMG	Drawn: BJG	Checked: DMG	Sheet 1 of 3
Scale: NONE	Date: 8/90	Job: 90-11	

R# 24 DATE 3/14/02 DP

CITY OF ALBUQUERQUE

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DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Rubenia Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 12/07/02

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

CITY OF ALBUQUERQUE
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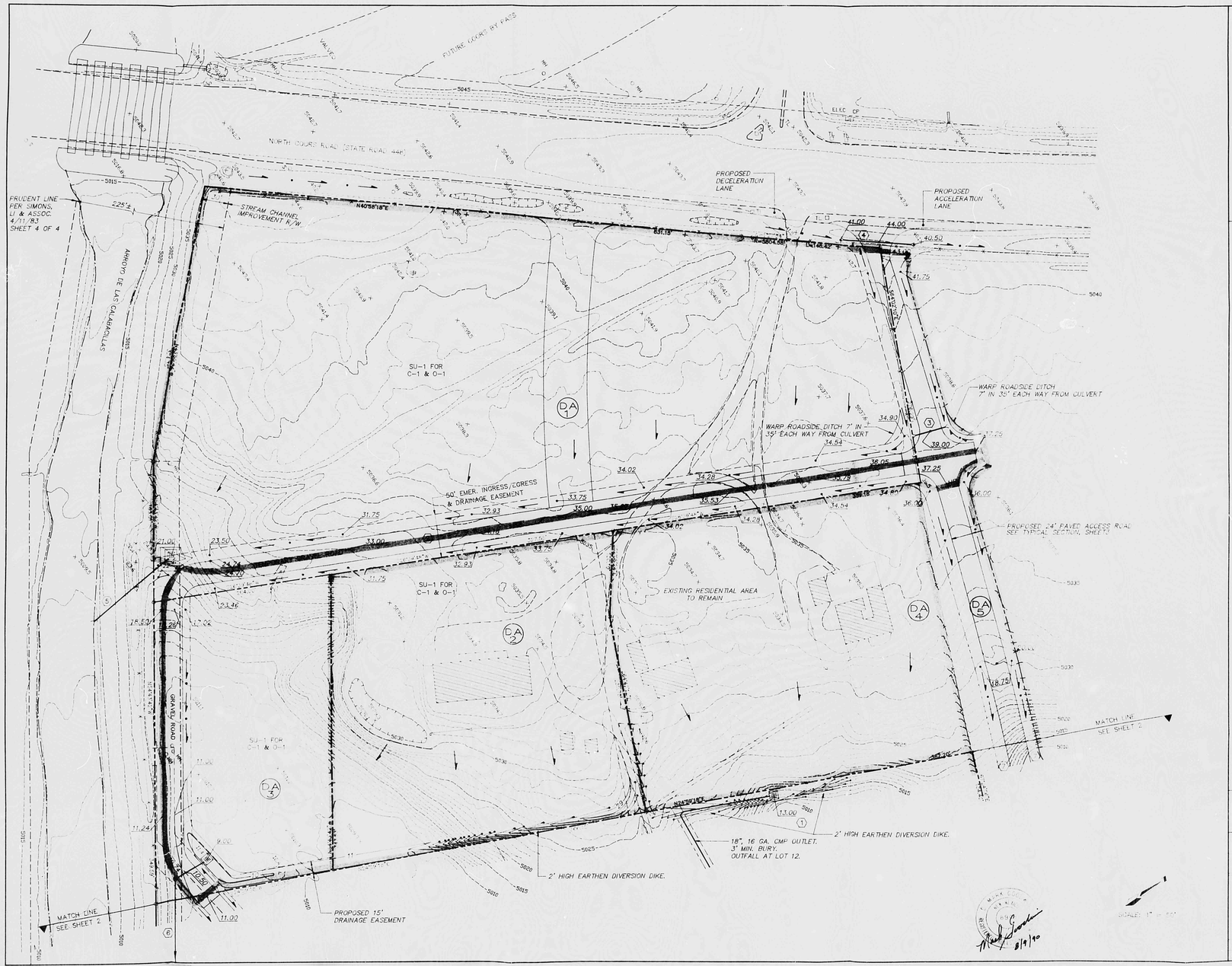
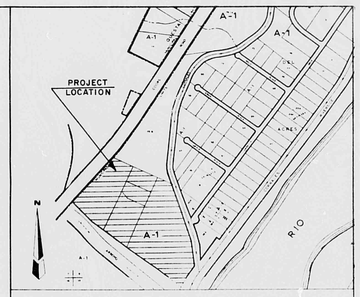
PLANS/PLATS ON FILE

FILE DESC: B14/D5

PLANS/PLATS 3

E 30 D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D F





VICINITY MAP

STRUCTURE LISTING

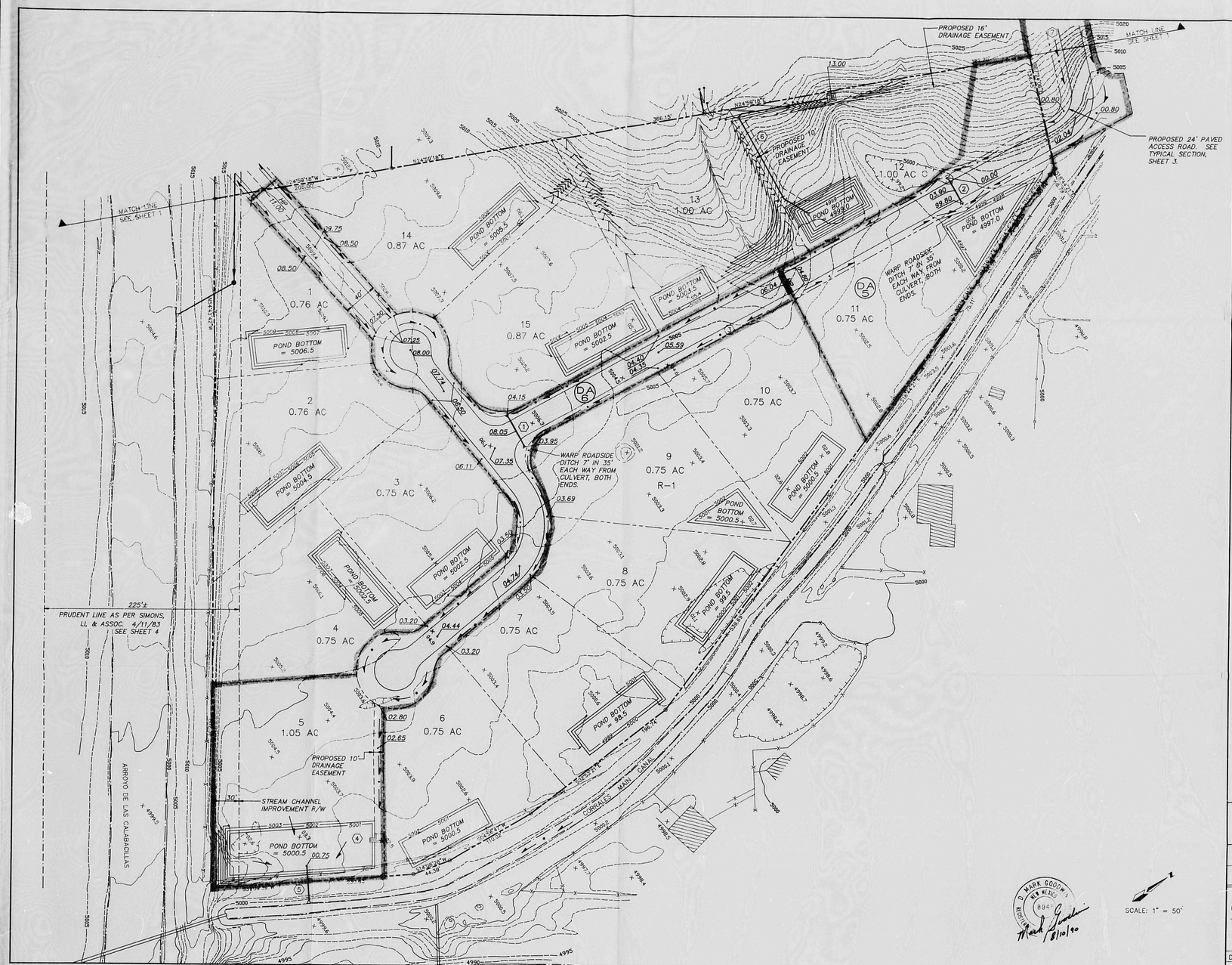
1. EXISTING RESIDENTIAL AREA TO REMAIN. PROVIDE 18" X 35' FLARED END SECTION WITH TRASH RACK AT INLET WITH SPLASHER APRON AND ENERGY DISSIPATOR AT INLET.
2. TYPICAL 7'x35' EARTHEN DITCH ALONGSIDE TO REMAIN WARP TO FLOW. SEE TYPICAL SECTION, SHEET 3.
3. 18" X 40' RCP CULVERT WITH END SECTION. SEE DETAIL, SHEET 3.
4. 24" X 40' RCP CULVERT WITH END SECTION. SEE DETAIL, SHEET 3.
5. 24" X 40' RCP CULVERT WITH END SECTION. SEE DETAIL, SHEET 3.
6. 24" X 40' RCP CULVERT WITH END SECTION. SEE DETAIL, SHEET 3.
7. ASPHALT DITCH. SEE DETAIL, SHEET 3.

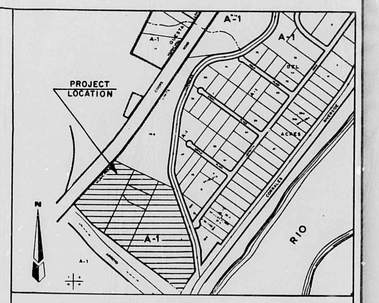
GENERAL NOTES

1. TOPOGRAPHY PROVIDED BY THOMAS E. MAIN & ASSOCIATES, INC.
2. BASIS OF BEARING: NAD 1983.
3. PRUDENT LINE PLAN PREPARED BY SIMONS, LI & ASSOCIATES.
4. THIS MASTER GRADING PLAN IS FOR PLANNING PURPOSES ONLY. INDIVIDUAL CONSTRUCTION PLANS WILL BE REQUIRED FOR EACH LOT. DRAINAGE FLOW SHOWN ON THIS PLAN IS TYPICAL.
5. ALL ELEVATIONS ARE NEAR TRUE NORTH.
6. PER FIRM PANEL 350002 0008 C DATED 11/19/80 THIS AREA IS NOT IN THE 100 YEAR FLOOD PLAIN.

LEGEND

5035	EXISTING CONTOUR
5035	PROPOSED CONTOUR
22	FLOW DIRECTION
	PROPOSED RIDGE LINE
	PROPOSED ROAD CROWN
	PROPOSED ROAD CROWN
	PROPOSED ROAD CROWN





VICINITY MAP

ZONE ATLAS B-14

SCALE: NONE

STRUCTURE LISTING

1. 18" X 46' RCP ROADWAY CULVERT WITH END SECTIONS. SEE DETAIL, SHEET 3.
2. 18" X 46' RCP ROADWAY CULVERT WITH END SECTIONS. SEE DETAIL, SHEET 3.
3. TYPICAL 1' EARTHEN ROADWAY DITCH. SEE TYPICAL ROADWAY SECTION, SHEET 3.
4. LOT 5 RETENTION POND CONCRETE INLET. SEE DETAIL, SHEET 3.
5. FUTURE LOT 5 RETENTION POND OUTLET. 18" X 40' RCP CULVERT WITH CONCRETE SLOPE BLANKETS. SEE DETAIL, SHEET 3.
6. EXISTING RESIDENTIAL AREA DROP STRUCTURE TO LOT 12 POND. 18" X 255', 16 GA. CMP WITH END SECTION AT POND. SINGLE "D" INLET WITH CONCRETE APRON AND DIVERSION DIKE AT INLET.
7. ASPHALT DITCH – SEE DETAIL, SHEET 3.

LEGEND

—x—x—x—	EXISTING FENCE OR WALL
- - - 5025 - - -	EXISTING CONTOUR
5009	NEW CONTOUR
	PROPERTY LINE
	PRUDENT LINE
	FLOW DIRECTION ARROWS
04.25	NEW SPOT ELEVATION
× 5011.4	EXISTING SPOT ELEVATION
DA 5	DRAINAGE AREA DESIGNATION

Tierra West Development Management Services

WINDMILL ESTATES

MASTER GRADING PLAN

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

Designed: DMG	Drawn: BJG	Checked: DMG	Sheet 2 of 3
Scale: NONE	Date: 8/90	Job: 9031	

D. MARK GOODWIN NEW MEXICO 8994 REGISTERED PROFESSIONAL ENGINEER
8/10/90

PLAN SHOT TWICE ONCE ON LIGHT ONCE ON DARK

CITY OF ALBUQUERQUE
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R# 24 DATE 3-14-92 OP

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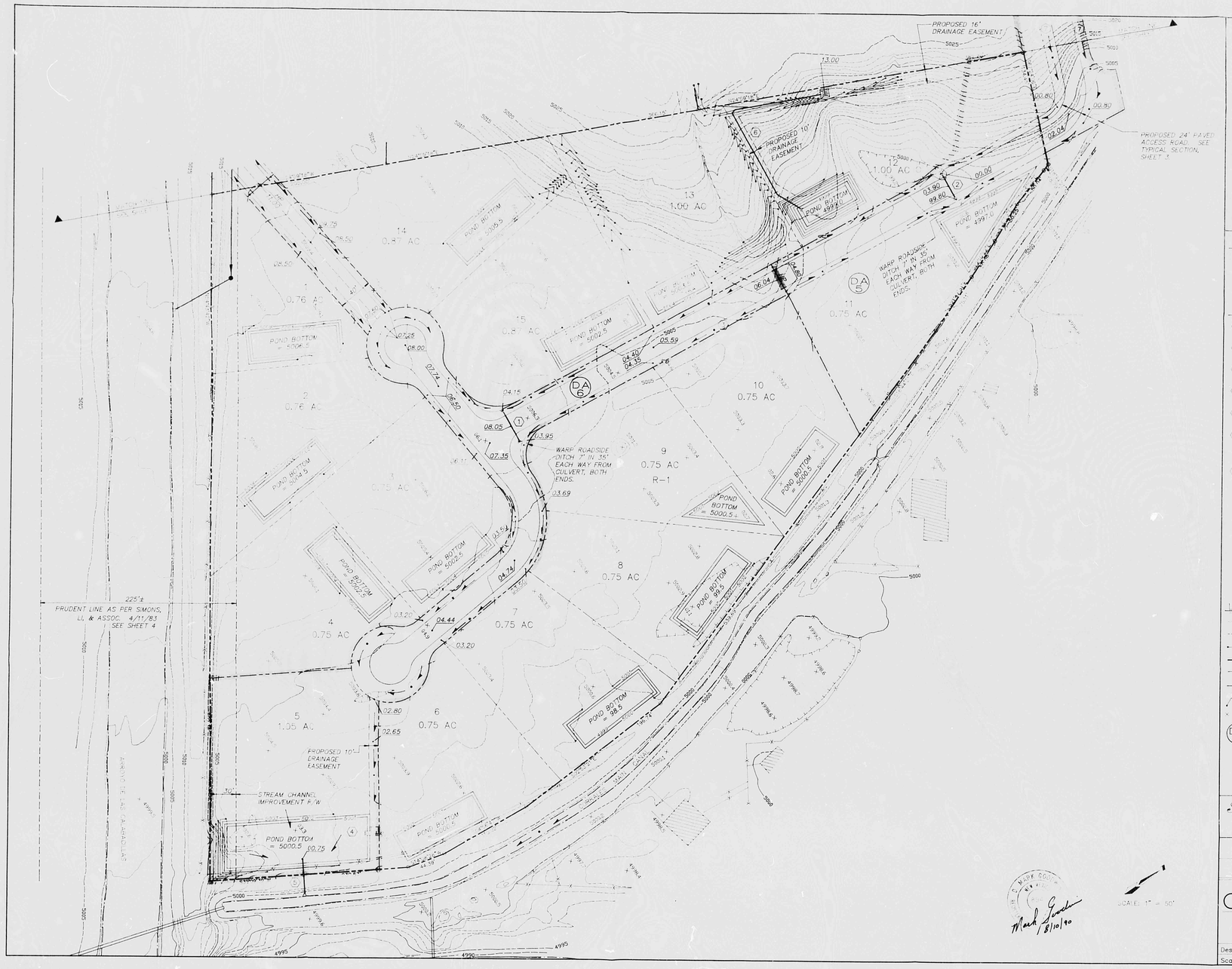
DIRECTOR 11/5/92

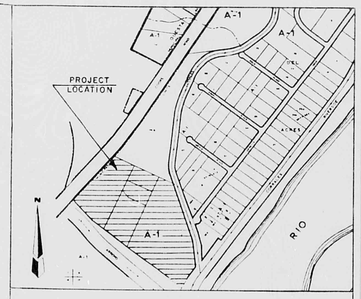
NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE C D





VICINITY MAP

STRUCTURE LISTING

1. 18" X 41' RCP ROADWAY CULVERT WITH END SECTIONS. SEE DETAIL, SHEET 3.
2. 18" X 41' RCP ROADWAY CULVERT WITH END SECTIONS. SEE DETAIL, SHEET 3.
3. TYPICAL 7' EARTHEN ROADWAY DITCH. SEE TYPICAL ROADWAY SECTION, SHEET 3.
4. LOT 5 RETENTION POND CONCRETE INLET. SEE DETAIL, SHEET 3.
5. FUTURE LOT 6 RETENTION POND OUTLET. 18" X 41' RCP CULVERT WITH CONCRETE SLOPE BLANKETS. SEE DETAIL, SHEET 3.
6. EXISTING RESIDENTIAL AREA DROP STRUCTURE TO LOT 12 POND. 18" X 255', 14 GA. CMP WITH END SECTION AT POND. CONCRETE INLET WITH CONCRETE APRON AND DIVERSION DIKE AT INLET.
7. ASPHALT DITCH - SEE DETAIL, SHEET 3.

LEGEND

x x	EXISTING FENCE OR WALL
5025	EXISTING CONTOUR
5029	NEW CONTOUR
	PROPERTY LINE
	PRUDENT LINE
	FLOW DIRECTION ARROWS
04.25	NEW SPOT ELEVATION
× 5011.4	EXISTING SPOT ELEVATION
DA 5	DRAINAGE AREA DESIGNATION

Tierra West Development Management Services

WINDMILL ESTATES

MASTER GRADING PLAN

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

Designed: DMG	Drawn: BJG	Checked: DMG	Sheet 2 of 3
Scale: NONE	Date: 8/90	Job: 9031	

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

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R# 24 DATE 3/14/02 LOC EP

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Roberta Duran
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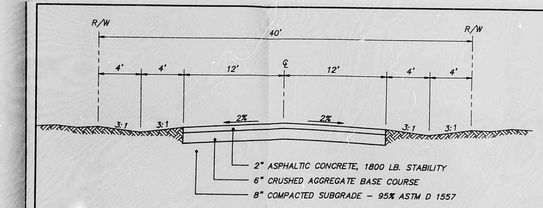
STATE OF NEW MEXICO
07/05/02

D 24 C 20 B 16 A 12 | CITY OF ALBUQERQUE C D

PUBLIC WORKS/HYDROLOGY

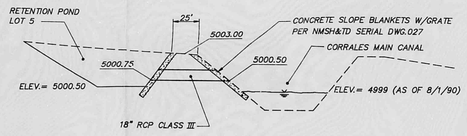
2 of 2

B14/D5



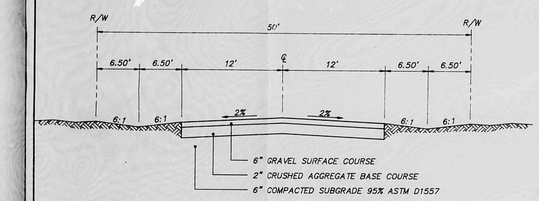
TYPICAL RESIDENTAL ROADWAY

SCALE: NONE



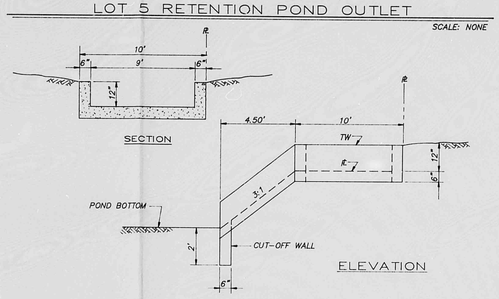
LOT 5 RETENTION POND OUTLET

SCALE: NONE



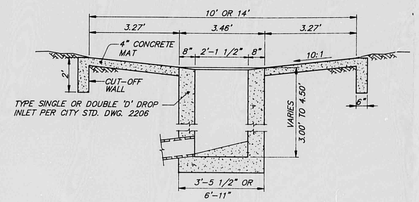
TEMPORARY GRAVEL ROAD

SCALE: NONE

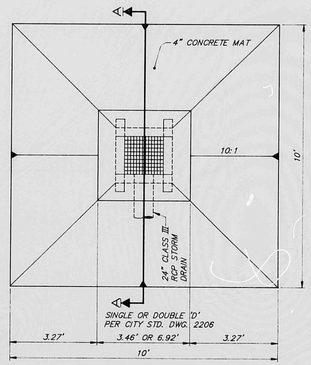


LOT 5 INLET DETAILS

SCALE: NONE



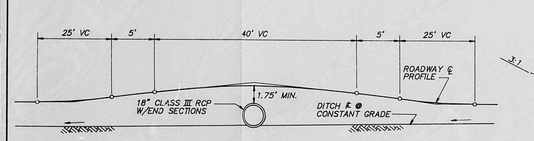
SECTION A



PLAN VIEW

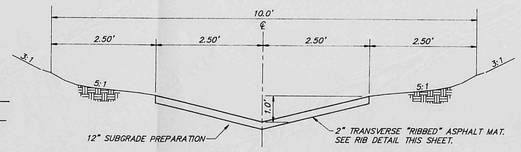
CONCRETE SUMP DETAILS

SCALE: NONE



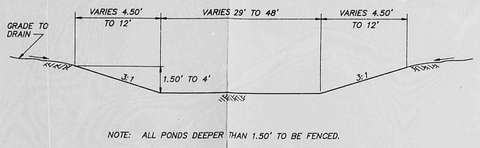
ROADWAY CULVERT CROSSING DETAIL

SCALE: NONE



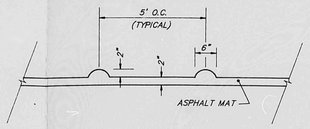
ASPHALT SWALE DETAIL

SCALE: NONE



TYPICAL RETENTION POND DETAIL

SCALE: NONE



TRANSVERSE RIB DETAIL

SCALE: NONE

NOTES

1. ALL CONSTRUCTION IS TO CONFORM TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.

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Tierra West Development Management Services

WINDMILL ESTATES

MISCELLANEOUS DETAILS

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ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

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Scale: NONE	Date: 8/90	Job: 9031		

8/8/90

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DIRECTOR 11/15/02

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