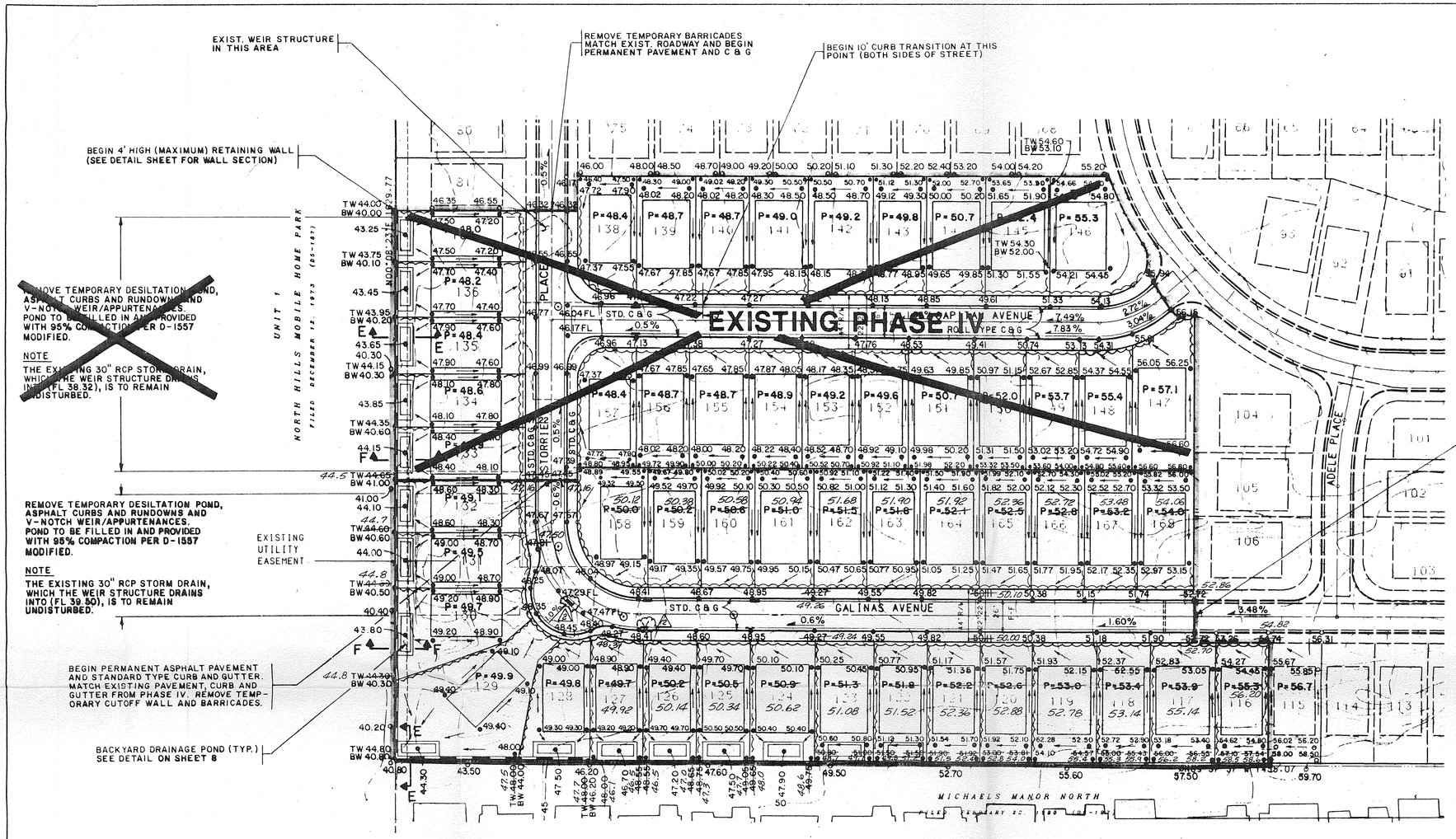


DRAINAGE CERTIFICATION

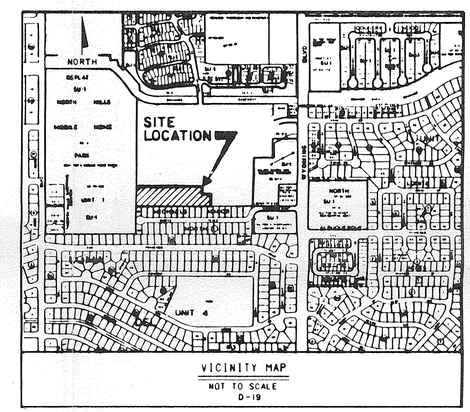
AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY ALDRICH LAND SURVEYING.

NOTES:

I, JAMES R. TOPMILLER, OF BOHANNAN-HUSTON, INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE EXISTING AND PROPOSED DRAINAGE CONDITIONS OF THIS SITE ARE IN SUBSTANTIAL COMPLIANCE WITH PREVIOUSLY APPROVED PLANS, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JAMES R. TOPMILLER, P.E.
N.M.P.E. No. 9354
DATE: 4/27/94

JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER



NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATIONS FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED WITH UPDATE #4
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATION SERVICE, 266-1990, 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT PREPARED BY VINYARD AND ASSOCIATES DATED SEPTEMBER 28, 1992.
9. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
10. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
11. ALL SLOPES MAXIMUM OF 4:1 UNLESS AS OTHERWISE INDICATED.
12. ALL SPOT ELEVATIONS ALONG THE PROPOSED STREETS ARE TO TOP OF STANDARD OR MOUNTABLE ROLL TYPE CURB AND GUTTER (AS LABELED) UNLESS OTHERWISE NOTED.

DRAINAGE PLAN

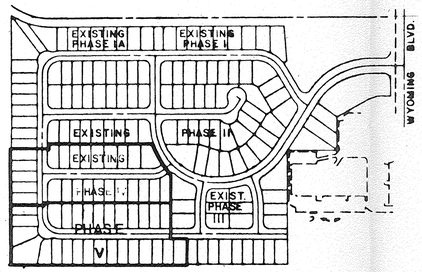
THIS PHASE DRAINAGE PLAN CONFORMS TO THE OVERALL DRAINAGE PLAN OF THE ENTIRE SITE (SEE PALOMAS PARK SUBDIVISION DRAINAGE REPORT ON JUNE 1992, #D19-D1B.)

THE WEST END TEMPORARY DESILTATION POND, RECONSTRUCTED AS A PART OF PHASE III, WILL BE RELOCATED SOUTH OF THE PHASE IV BOUNDARY LIMITS (SEE SHEET 8 OF 1:).

RUNOFF FROM THE CHURCH PROPERTY AND FROM THE SOUTHERN PORTION OF PHASE III WILL BE DIRECTED DOWN GALINAS AVENUE TO THE WEST AS PER PHASE III GRADING AND DRAINAGE. (SEE PHASE III GRADING AND DRAINAGE PLAN).

THE SIZE AND VOLUME OF THE RELOCATED DESILTATION POND REMAIN THE SAME FROM PHASE III TO THIS PHASE. REFER TO PHASE III FOR DRAINAGE CALCULATIONS.

A DRAINAGE COVENANT IS PREPARED FOR THE RELOCATED DESILTATION POND IN PHASE IV. A PUBLIC EASEMENT IS PLACED OVER THE DESILTATION POND.

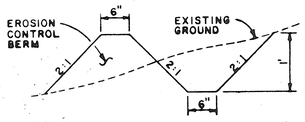


KEY MAP

NO SCALE

APPROVED FOR ROUGH GRADING (± 1')

HYDROLOGY ENGINEER DATE



EROSION CONTROL PLAN

NO SCALE

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.

LEGAL DESCRIPTION

LOTS 116 TO 132, AND 158 TO 168 INCLUSIVE, PALOMAS PARK SUBDIVISION, PHASE V.

LEGEND

- EROSION CONTROL BERM
- EXISTING GROUND ELEVATION
- PROPOSED GROUND ELEVATION
- DRAINAGE FLOW DIRECTION
- RETAINING WALL
- EXISTING CONTOUR
- PHASE BOUNDARY
- EXISTING STORM DRAIN INLET
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN MANHOLE

N

SCALE: 1" = 50'

SEP 29 1994

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTED BY
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

STATION IS A STANDARD USC&GS BRASS TABLET STAMPED "HEAVEN 1969" SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND. LOCATED WEST ON PASEO DEL NORTE FROM WYOMING BLVD. APPROXIMATELY 800 FEET.

ELEVATION = 5378.787

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
3-30-94

NO.	DATE	REMARKS	BY
2	6-13-94	CHANGE TYPE OF INLET AND RELOCATE	KP

REVISIONS

DESIGN

DESIGNED BY KP/MM — DATE 1/94
DRAWN BY MM/KW — DATE 1/94
CHECKED BY KP/JRT — DATE 1/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

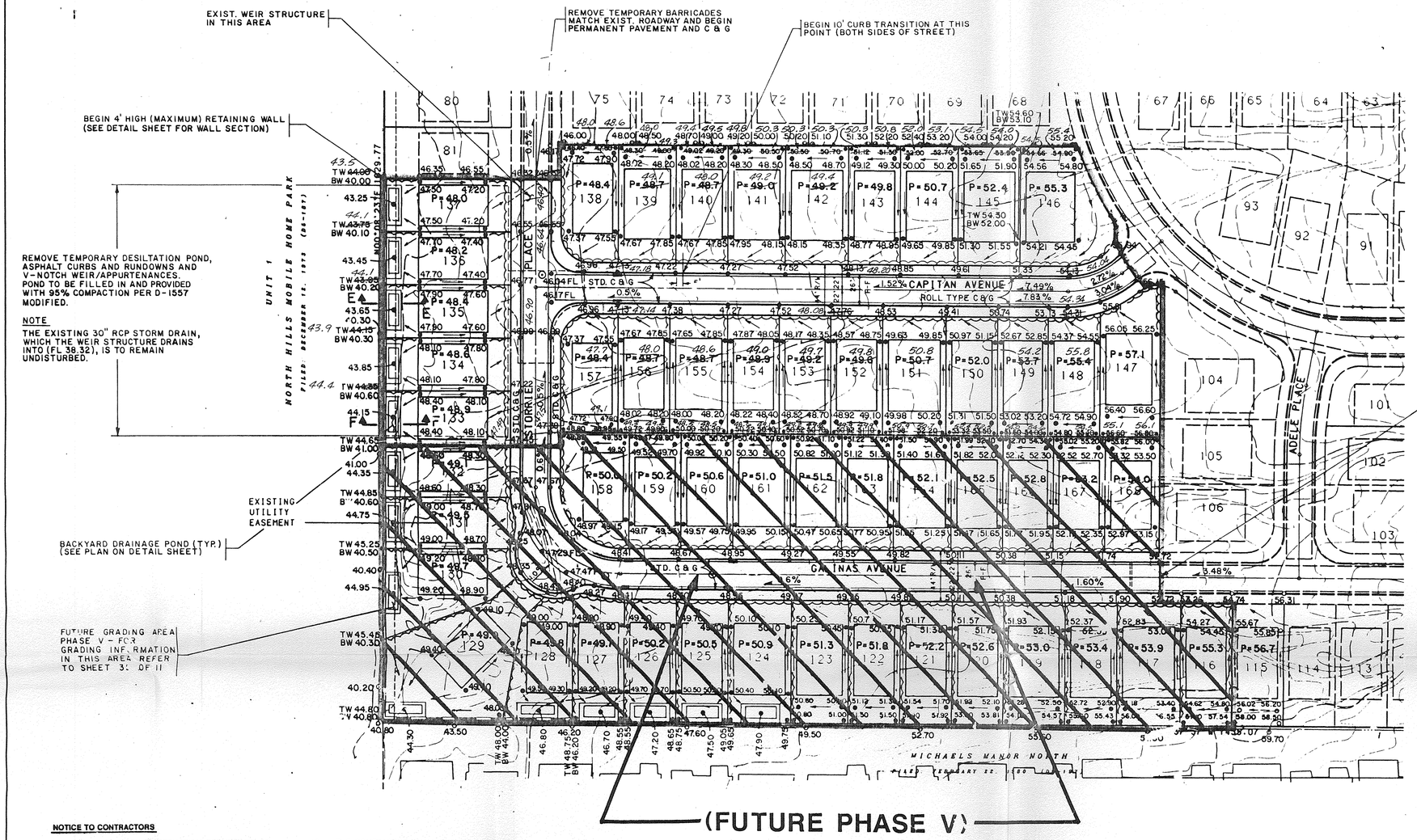
PALOMAS PARK- PHASE V
FINAL GRADING & DRAINAGE PLAN
& DRAINAGE CERTIFICATION PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Lindsey	4-26-94	WATER	N/A	RWK 4-1-94
TRANSPORTATION	N/A	HD 4-01-94	WASTE WATER	N/A	RWK 4-1-94
HYDROLOGY	F.D. Lujan	4-27-94			

DRAWING NO.	MAP NO.	SHEET	OF
4510.94	D-19	3	8

BHI JOB NO. 91181.07

USERNAME: [C911E1J4.PADJ]
FILENAME: GRADING4.GRF



DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY ALDRICH LAND SURVEYING.

NOTES:

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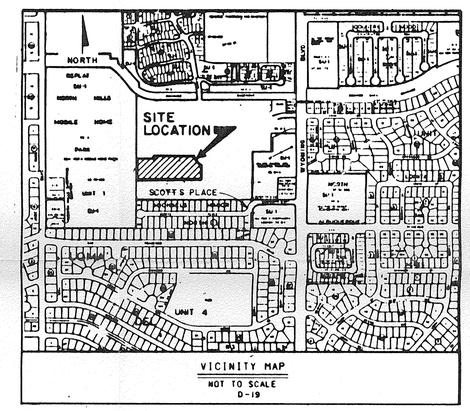
JAMES R. TOPMILLER, P.E.
N.M.P.E. No. 9354
DATE: 9/27/94

JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER



NOTICE TO CONTRACTORS

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2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED WITH UPDATE 84.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATION SERVICE, 266-1990, 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
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7. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT PREPARED BY VINYARD AND ASSOCIATES DATED SEPTEMBER 28, 1992.
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DRAINAGE PLAN

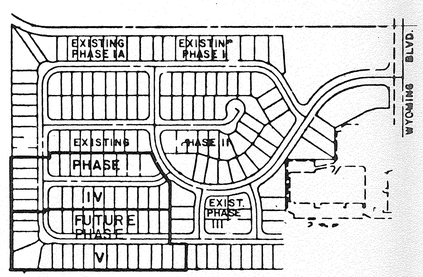
THIS PHASE DRAINAGE PLAN CONFORMS TO THE OVERALL DRAINAGE PLAN OF THE ENTIRE SITE (SEE PALOMAS PARK I SUBDIVISION DRAINAGE REPORT ON JUNE 1992, #D19-D1B.)

THE WEST END TEMPORARY DESILTATION POND, RECONSTRUCTED AS A PART OF PHASE III, WILL BE RELOCATED SOUTH OF THE PHASE IV BOUNDARY LIMITS (SEE SHEET 3B OF 11).

RUNOFF FROM THE CHURCH PROPERTY AND FROM THE SOUTHERN PORTION OF PHASE III WILL BE DIRECTED DOWN GALINAS AVENUE TO THE WEST AS PER PHASE III GRADING AND DRAINAGE. (SEE PHASE III GRADING AND DRAINAGE PLAN).

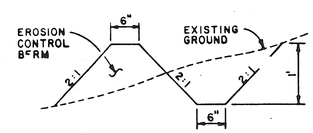
THE SIZE AND VOLUME OF THE RELOCATED DESILTATION POND REMAINS THE SAME FROM PHASE III TO THIS PHASE. REFER TO PHASE III FOR DRAINAGE CALCULATIONS

A DRAINAGE COVENANT IS PREPARED FOR THE RELOCATED DESILTATION POND OF PHASE IV. A PUBLIC EASEMENT IS PLACED OVER THE DESILTATION POND.



KEY MAP

NO SCALE



EROSION CONTROL PLAN

NO SCALE

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.

LEGAL DESCRIPTION

LOTS 133 TO 157, INCLUSIVE, PALOMAS PARK SUBDIVISION, PHASE IV.

LEGEND

- EROSION CONTROL BERM
- EXISTING SPOT ELEVATION
- PROPOSED GROUND ELEVATION
- DRAINAGE FLOW DIRECTION
- RETAINING WALL
- EXISTING CONTOUR
- PHASE BOUNDARY
- EXISTING STORM DRAIN INLET
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN MANHOLE

N

SCALE: 1" = 50'

SEP 29 1994

APPROVED FOR ROUGH GRADING (± 1')

HYDROLOGY ENGINEER DATE

BHI JOB NO. 91181.07

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

STATION IS A STANDARD USL&GS BRASS TABLET STAMPED "HEAVEN 1969" SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND. LOCATED WEST ON PASEO DEL NORTE FROM WYOMING BLVD. APPROXIMATELY 800 FEET.

"CL" STATION = 5378.787

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER 10-25-94

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY KP/MM — DATE 9/93
DRAWN BY MM/KW — DATE 9/93
CHECKED BY KP JRT — DATE 9/93

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

PALOMAS PARK- PHASE IV
FINAL GRADING & DRAINAGE PLAN & DRAINAGE CERTIFICATION PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

DRAWING NO.	MAP NO.	SHEET	OF
4510.93	D-19	3A	18

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