LEGEND

— 4975 —	CONTOUR (MAJOR)		WATER VALVE
— 4976 —	CONTOUR (MINOR)		FIRE HYDRANT
x 00.00	SPOT ELEVATION		WATER METER
TC= FL=	TOP CURB FLOWLINE		SPRINKLER CONTROL
	CONCRETE CURB		UTILITY PEDESTAL
	CHAIN LINK FENCE	—E,T&CATV—	OVERHEAD UTILITIES
-x—x—	BARB WIRE FENCE	PP	POWER POLE
	WOOD FENCE		GUY WIRE
	GUARDRAIL		STREET LIGHT
	BOLLARD	PG=73.00	PAD GRADE ELEVATION
	SIGN	+ 72.00	PROPOSED SPOT ELEVATION
	SANITARY SEWER MANHOLE		PROPOSED 2' x 4' PERC. PIT

SCALE: 1"= 40'

SCALE: 1"= 40'

F-13/14 1"=750'±

VICINITY MAP

ENGINEER'S CERTIFICATION

I, SCOTT M. MCGEE, LICENSED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED PLAN DATED 07/19/99 (CITY APPROVAL LETTER DATED 07/27/99). PAD AND YARD GRADES WERE LOWERED TO ACHIEVE AN EARTHWORK BALANCE WHILE MAINTAINING PONDING VOLUMES. AS-BUILT GRADES WERE FIELD VERIFIED BY TERRENCE W. O'BRIEN, NMLS NO. 12801 ON 11/16/99 IN ACCORDANCE WITH THE "NEW MEXICO ENGINEERING AND SURVEYING ACT" SECTION 61-23-1 THROUGH 61-23-32 NMSD (1978).

Scott M McGee

SCOTT M. MCGEE, NMPE NO. 10519

DATE 11/17/99

SCOTT M. McGEE NEW MEXICO 10519 REGISTERED PROFESSIONAL ENGINEER

OFFSITE DRAINAGE AREA
A=9,290 SF
=0.213 ACRES

RECEIVED NOV 19 1999 HYDROLOGY SECTION

ENGINEER'S SEAL

SCOTT M. McGEE NEW MEXICO 10519 REGISTERED PROFESSIONAL ENGINEER

7/19/99

AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK STARTED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS COMPLETED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.	DATE	REMARKS
		REVISIONS
		DESIGN — DESIGNED BY — DATE
		DRAWN BY — DATE
		CHECKED BY

BENCH MARKS

ACS MONUMENT "15-F13" SET 1900' WEST OF INTERSECTION OF GUADALUPE TRAIL NW. AND MONTANO RD. NW AND 51' NORTH OF THE MONTANO CENTERLINE.
ELEVATION = 4974.72 FEET.

SURVEY INFORMATION

FIELD NOTES — ALS — 4/1999

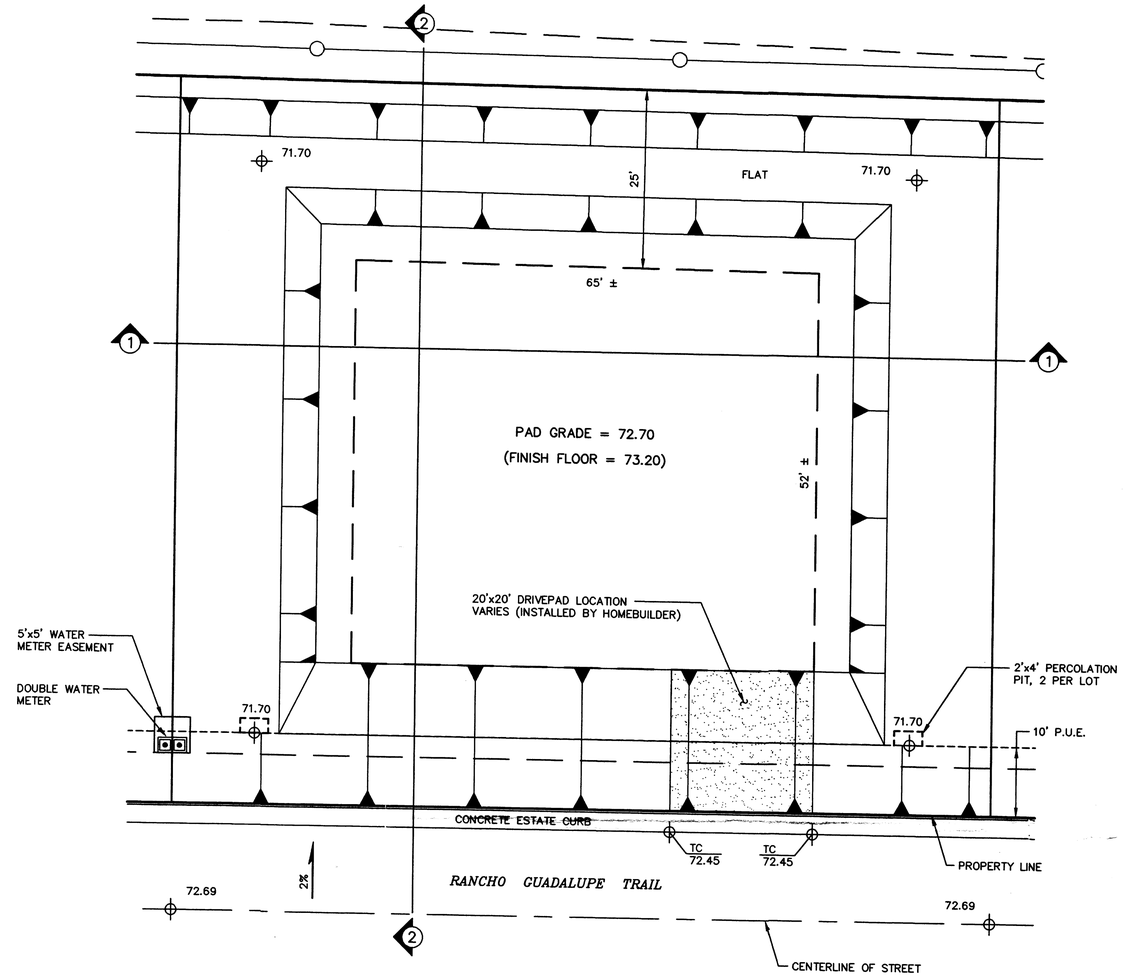
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: RANCHO GUADALUPE SUBDIVISION
GRADING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

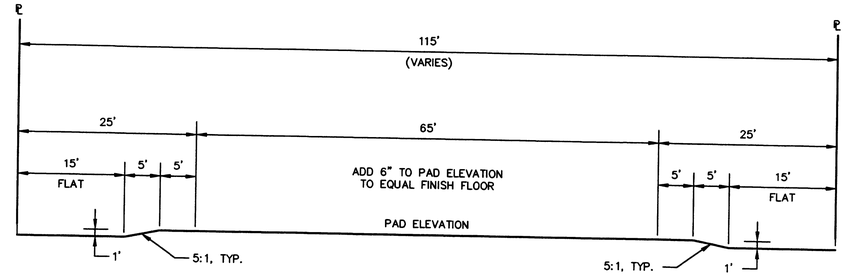
City Project No. 6159.81 | Zone Map No. F-13/14 | Sheet 3 Of 15

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
055GRD.DWGdlv 07/19/99



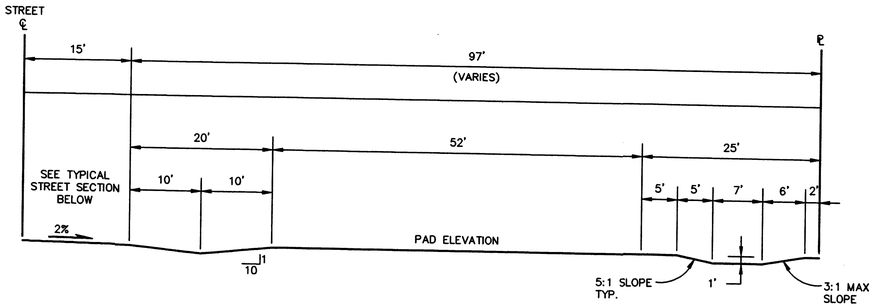
TYPICAL LOT GRADING PLAN

SCALE: 1"=10'



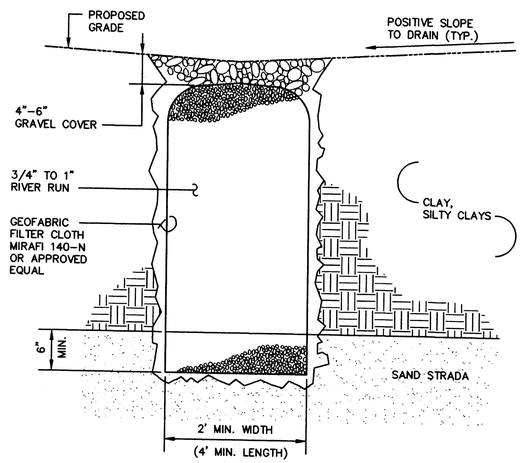
SECTION 1

SCALE: 1"=10'



SECTION 2

SCALE: 1"=10'

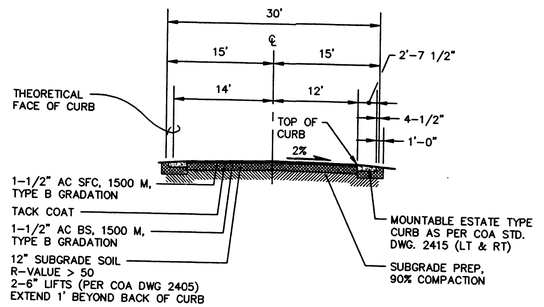


FRONT YARD STORMWATER PERCOLATION PITS

SCALE: 1"=1'–0"

GRADING NOTES:

1. ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OFFSITE.
2. ALL SUBGRADE AND FILL SHALL BE COMPACTED TO A MINIMUM OF 90% (95% FOR ALL HOUSE PADS), ASTM D–1557.
3. EXCAVATION IS UNCLASSIFIED AND INCLUDES EXCAVATION TO SUBGRADE ELEVATIONS INDICATED, REGARDLESS OF CHARACTER OF MATERIALS ENCOUNTERED.
4. CONFORM TO ELEVATIONS AND DIMENSIONS SHOWN ON PLANS WITHIN A TOLERANCE OF 0.3± FEET.
5. SCARIFY AND COMPACT SUBGRADE FOR FILLS. PLACE FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH. MOISTEN AS NECESSARY TO PROVIDE OPTIMUM MOISTURE (±2%) CONTENT.
6. UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AS SHOWN ON PLAN. SMOOTH FINISHED SURFACE WITHIN SPECIFIED TOLERANCE, COMPACT WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE INDICATED.
7. MAXIMUM SLOPES SHALL BE 3:1 MINIMUM SLOPES SHALL BE 1%.
8. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260–1990, FOR LOCATION OF EXISTING UTILITIES.
9. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATIONS IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND 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, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
10. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT–OF–WAY SO THAT THE EXCAVATED MATERIAL IS NOT ERODED AND WASHED DOWN THE STREET.
11. OWNER WILL PROVIDE SOIL TESTING AND INSPECTION SERVICES DURING EARTHWORK OPERATIONS. ALLOW TESTING SERVICE TO INSPECT AND APPROVE COMPACTED SUBGRADES AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS DONE. SHALL COMPACTION TESTS INDICATE INADEQUATE DENSITY, CONTRACTOR SHALL PROVIDE ADDITIONAL COMPACTION AND TESTING AT NO ADDITIONAL EXPENSE.
12. OWNER HAS ESTABLISHED SUBDIVISION BOUNDARY CORNERS. CONTRACTOR SHALL PROVIDE ALL OTHER CONSTRUCTION STAKING INCLUDING TRACT CORNERS. CONTRACTOR SHALL LOCATE AND PRESERVE ALL BOUNDARY CORNERS AND REPLACE ANY LOST OR DISTURBED CORNERS.



TYPICAL STREET SECTION

SCALE: 1"=10'

SURVEY INFORMATION
FIELD NOTES
1 ALS 4/1999

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CONTRACTOR
WORK STARTED BY / DATE
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VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE
RECORDED BY / DATE
NO.

MICRO–FILM INFORMATION

ENGINEER'S SEAL
SCOTT M. McGEE NEW MEXICO 10319 PROFESSIONAL ENGINEER
7/19/99

NO. | DATE | REMARKS | BY
REVISIONS
DESIGN
DESIGNED BY / DATE
DRAWN BY / DATE
CHECKED BY / DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: RANCHO GUADALUPE SUBDIVISION
GRADING DETAILS & NOTES

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
055DTL1.DWGdlv 07/18/99

City Project No. 6159.81 | Zone Map No. F–13/14 | Sheet 4 Of 15