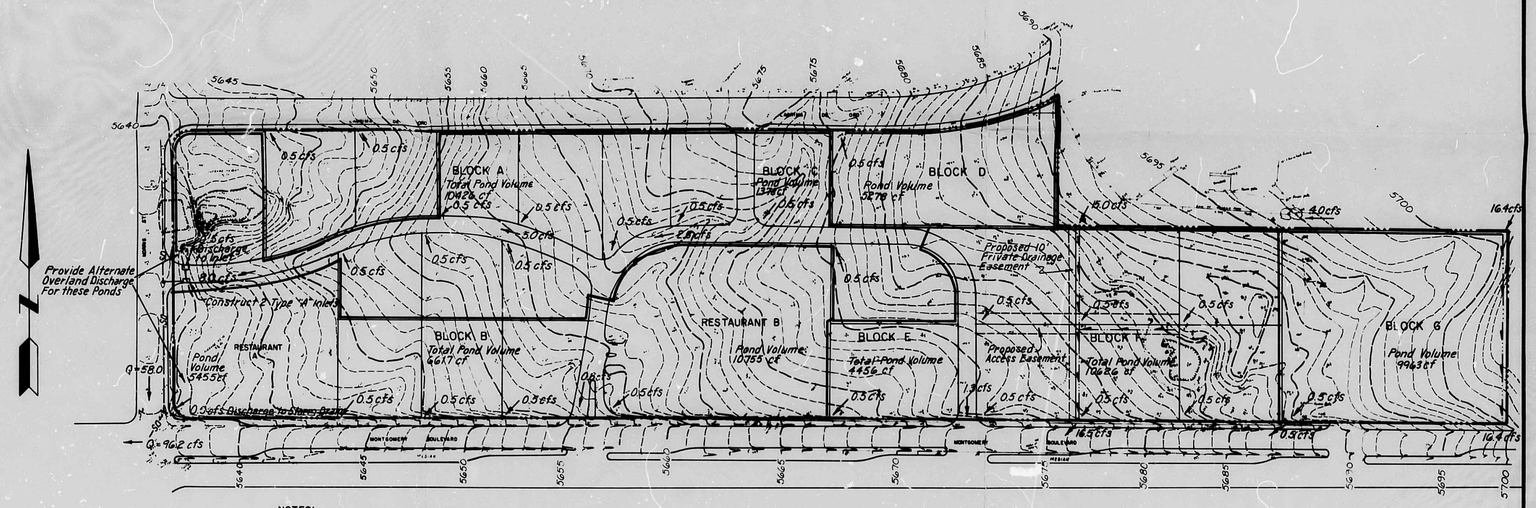
HYDROLOGY

F21/D37

TWO PLANS



NOTES:

1. DEVELOPED CONTOUR LINES HAVE BEEN OMITTED FOR CLARITY.
2. FLOWS INDICATED FOR MONTGOMERY BLVD. DO NOT INCLUDE ALL UPLAND FLOWS.
3. CONTOURS IN BLOCK G SHALL NOT BE USED FOR DESIGN PURPOSES.

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF FLOW
- DRAINAGE SWALE
- BASIN BOUNDARY
- PROPERTY BOUNDARY

(2) F21/D37

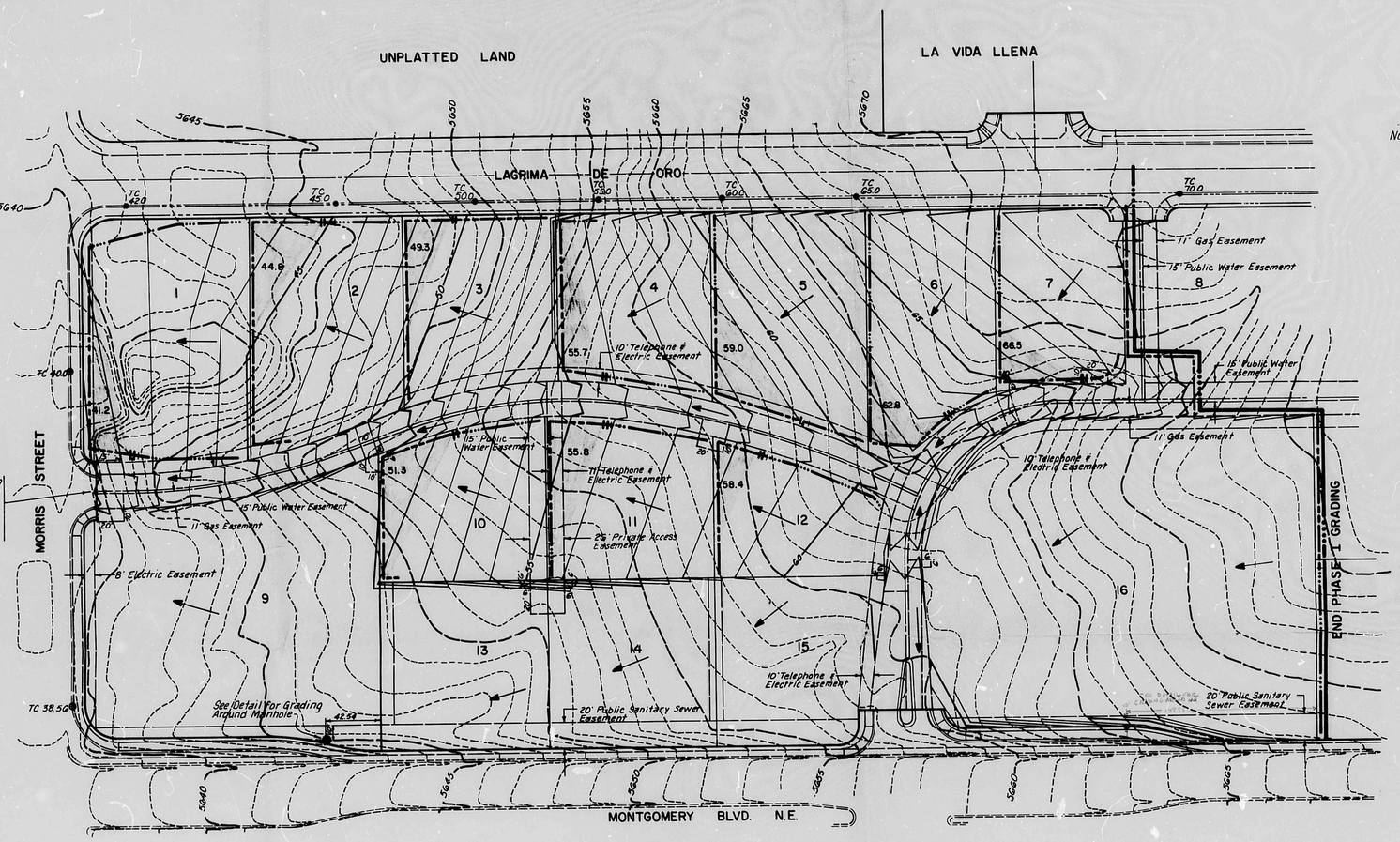
DAVID M. T. MILLIKEN 7547 11-29-82 REGISTERED PROFESSIONAL ENGINEER

PLATE 4

MONTGOMERY BUSINESS PARK

DEVELOPED DRAINAGE*
ULTIMATE DEVELOPMENT

Job No. 21440		Sheet 4 Of 4	
Drawn By: PE		Date: 11/82	
Checked By: DWW		Scale: 1"=100'	

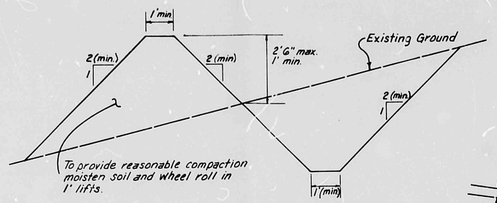


Notes:
1. No frozen material shall be placed in fill.
2. All material placed in fill shall have been excavated on this project or from an approved borrow area.
3. Material unsuitable for fill shalled be removed from the site.
4. Prior to grading, the existing surface of areas to be graded shall be stripped of organic matter. These strippings may be placed in temporary diversion berms or in landscaped berms.
5. Slopes shall not exceed 3:1 (Horizontal : Vertical).
6. Subgrade tolerance on all areas shall be ± 0.3'.
7. Grading operations shall be performed in a manner which meets all current City, State, and Federal dust control regulations.
8. The temporary retention ponds shall be constructed using temporary diversion berms. The top of each berm shall be 6" above the weir elevation shown for each pond.
9. The contractor shall not disturb the areas in which no grading is indicated.

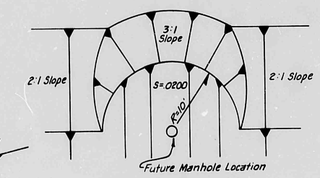
MONTGOMERY BUSINESS PARK
PHASE II

LEGEND

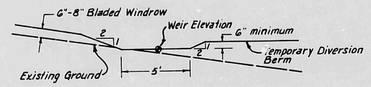
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF FLOW
- TEMPORARY DIVERSION BERM
- TEMPORARY EARTH OVERFLOW WEIR
- BLADED WIND ROW
- 51.6 TEMPORARY RETENTION POND (SHOWING WEIR ELEVATION)
- PROJECT / PHASE BOUNDARY



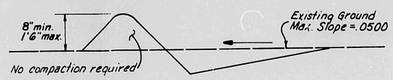
TYPICAL SECTION OF TEMPORARY DIVERSION BERM
NO SCALE



MANHOLE GRADING DETAIL
NO SCALE



TYPICAL WEIR CROSS SECTION
LOOKING UPSTREAM
NO SCALE



Note: This wir trow shall only be used to divert minor runoff on cross slopes less than 5%. In no case shall the water surface exceed ½ the nominal height.

TYPICAL BLADED WIND ROW
NO SCALE

AS-BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
CORRECTIONS COMPLETED BY	DATE

MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET STAMPED "10-G21" SET FLUSH WITH THE CURB AT THE SOUTHWEST CORNER OF THE INTERSECTION OF MONTGOMERY BLVD. NE & MORRIS ST NE.
ELEV. = 5636.11

SURVEY INFORMATION		
BY	DATE	NO.

REFERENCES
MAP NO. F-21 W.O. NO.
EST. NO.

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY DWW DATE 2/83
DRAWN BY PE DATE 2/83
CHECKED BY DMYM DATE 2/83

PREPARED UNDER THE DIRECTION OF
DAVID M. Y. MILLER 7547 REGISTERED PROFESSIONAL ENGINEER
2-22-83

APPROVED FOR ROUGH GRADING
Bruce G. Baumett 4-1-83
CITY ENGINEER DATE

SCALE: 1" = 50'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: MONTGOMERY BUSINESS PARK
GRADING PLAN- PHASE I

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO. 1678
SHEET 4 OF 11

F21/D37 REFERENCE 1679

BRUNING 44.132.52753