

## PROPOSED CONDITIONS

THE SITE IS COVERED BY THE SAD 228 DRAINAGE MANAGEMENT PLAN FOR UNIT 19. HOWEVER, THE LACK OF DOWNSTREAM DRAINAGE EASEMENTS HAVE DICTATED THE RESTRICTION OF FLOWS TO HISTORIC LEVELS.

BASINS	AREA (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/ac)	Q <sup>100</sup> (cfs)	V <sup>100-24</sup> (acft)
		A	B	C	D			
SITE	0.33	100	0	0	0	1.19	0.40	0.011

BASINS	AREA (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/ac)	Q <sup>100</sup> (cfs)	V <sup>100-24</sup> (acft)
		A	B	C	D			
SITE	0.33	0	32	33	35	2.88	0.96	0.035

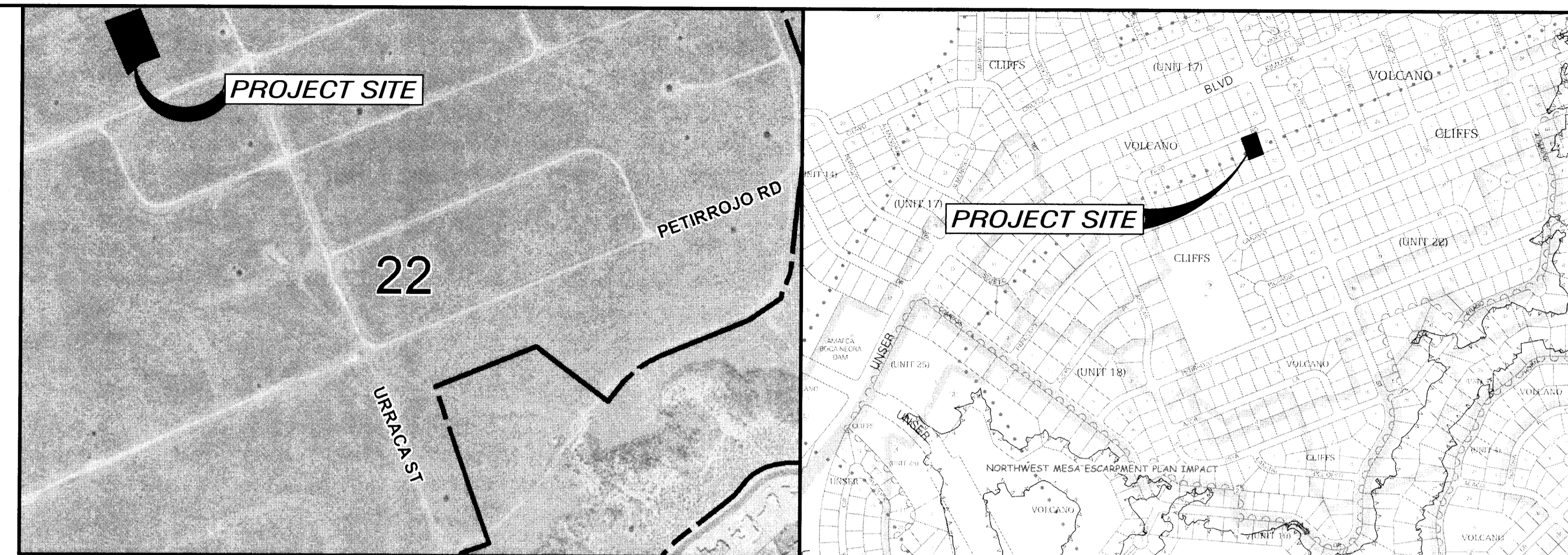
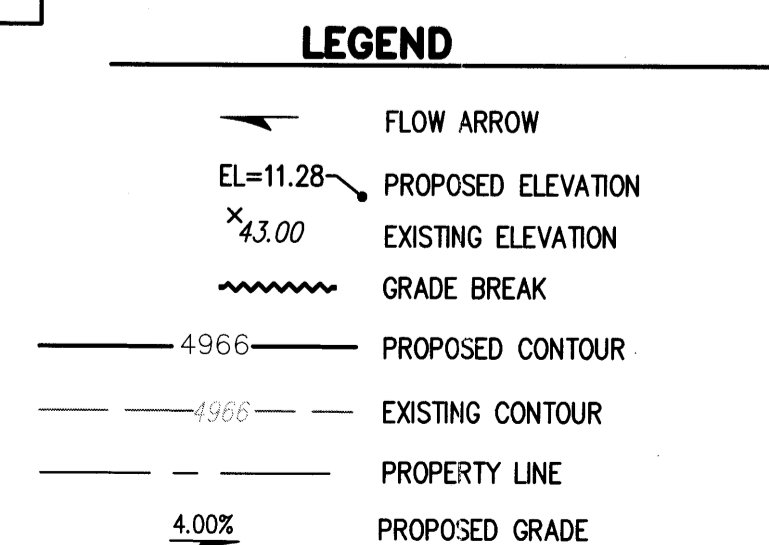
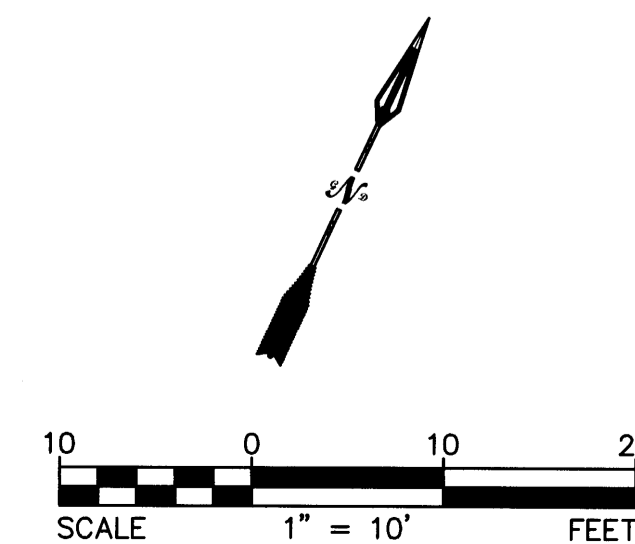
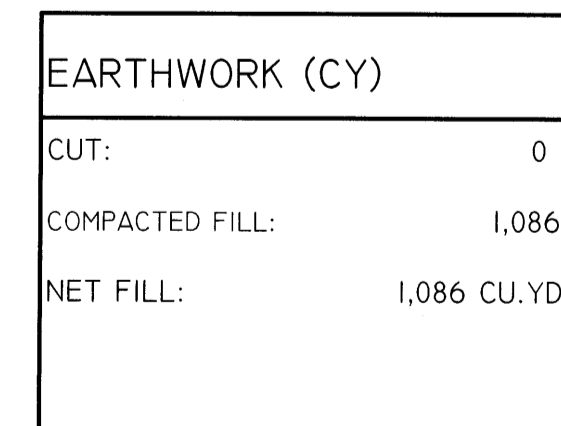
LOT DRAINAGE AS DEPICTED ON THIS PLAN SHALL BE MAINTAINED.

ROOF AREA = 2751 SQ.FT.

REQUIRED VOLUME =  $2751 * (0.44 - 0.10) / 12 = 78 \text{ CU.FT.}$   
VOLUME PROVIDED = 138 CU.FT.

- ☐ MAX STORAGE (100-YR) = 0.012 AC-FT
- ☐ MAX DISCHARGE (100-YR) = 0.40 CFS (0.40 CFS ALLOWABLE)
- ☐ MAXIMUM WATER SURFACE ELEVATION (100-YR)= 5342.18

(N66°55'00"E)  
N67°15'16"E



VICINITY MAP F-17-Z

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO 8.

2. THE EROSION PROTECTION SPECIFIED ON THIS PLAN IS THE MINIMUM RECOMMENDED. THE OWNER IS ENCOURAGED TO INCORPORATE EROSION RESISTANT LANDSCAPING ON AREAS WHERE EROSION MAY OCCUR SUCH AS SLOPES AND SWALES. THE OWNER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL FEATURES NECESSARY TO PRESERVE THE DESIGN INTENT OF THE GRADING PLAN.

3. THE DRAINAGE INFRASTRUCTURE SHOWN ON THIS PLAN IS THE RESPONSIBILITY OF THE PROPERTY OWNER.

4. ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD MUST BE RESEED OR LANDSCAPED

5. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.

6. 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 A MINIMUM OF DELAY.

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 SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY ANY 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.


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

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 GND ENGINEERING, LLC IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

**VOLCANO CLIFFS UNIT 18**  
**CITY OF ALBUQUERQUE BERNALILLO**  
**COUNTY, NEW MEXICO**

EARTHWORK (CY)	
CUT:	0
COMPACTED FILL:	1,086
NET FILL:	1,086 CU.Y.

		0224 Green River Place NW Albuquerque, NM 87114 Phone: (505) 266-6172 Fax: (505) 899-6184		NO.	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
		CONSULTING ENGINEERS						
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION <b>6504 PATO RD NW</b> LOT 8, BLOCK 7, VOLCANO CLIFFS UNIT 18 GRADING & DRAINAGE PLAN								
LATEST DESIGN UPDATE	MONTH/DAY/YEAR		USER DEPARTMENT					
CITY PROJECT No.			ZONE MAP No.		SHEET			
			D-10		1 OF 1			