

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY NOTICE TO CONTRACTOR

1. An excavation permit will be required before beginning any work within City Right-Of-Way.
2. All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction safety and health.
3. Two working days prior to any excavation, the contractor must contact the line locating service, New Mexico One Call 260-1990, (NM one call "811") for the location of existing utilities.
4. Prior to construction, the contractor shall excavate and verify the 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 according to traffic/street use.
6. Maintenance of the facility shall be the responsibility of the owner of the property being served.
7. Work on arterial streets shall be performed on a 24-hour basis.



VICINITY MAP K-13 NTS

LEGEND	
5109.82	EXISTING SPOT ELEVATION
10	EXISTING CONTOURS
FF=4948.60	FINISH FLOOR ELEVATION
12	NEW SPOT ELEVATIONS
10	PROPOSED CONTOURS
RD	ROOF DRAIN

LEGAL: Tract A-1, Dolores Gonzales Elementary School

AREA = 3.6635 acres. Portion of site this project -- 1.84 acres (80,098 sf)

BENCHMARK: City of Albuquerque Station ACS '8-L13' being an aluminum disk located in the intersection of Avenida Cesar Chavez and Bridge Blvd SW ELEV= 4956.034 (NAVD 1988)

SURVEYOR: Wilson and Co. dated September 2010

FLOOD HAZARD: From FEMA Panel 333(9/26/2008), this site is identified as being within Zone 'X' which is located outside the 100-year floodplain

EXISTING CONDITIONS: The site is a public elementary school which slopes slightly down from west to east. A Master Drainage Plan (MDP) was prepared for this site in 1993. Several land acquisitions have increased the size of the site. An existing 96" public storm drain runs diagonally through the site.

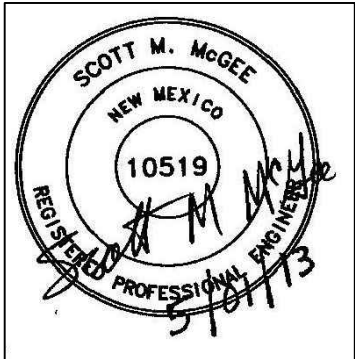
OFFSITE FLOWS: No offsite areas discharge surface runoff to this site.

PROPOSED IMPROVEMENTS: The proposed improvements include a 2-story building addition to be constructed where an existing portion of the building is to be demolished. A separate 1,450 sf music/arts building is proposed to be located in the southern part of the site where portable buildings are currently sitting on an asphalt surface. Sloped grass areas are proposed north of the building and outdoor stage area.

DRAINAGE APPROACH: The proposed drainage plan will follow historic flow paths with runoff discharging three different ways. The northern addition will drain north to existing parking lot inlets and be piped across Atlantic Avenue to the existing detention facility within Tingley Field. The music/arts building will surface flow southeast to an existing 30-foot wide drainage right-of-way that runs through the site where the existing 96-inch diameter storm drain is located.

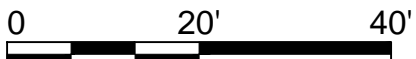
HYDROLOGY: Precipitation Zone - 2  
Existing land treatment is 3% B, 5% C, & 92% D  
 $Q_{100} = [(0.03)(2.28) + (.05)(3.14) + (.92)(4.7)] (1.84) = 8.4 \text{ CFS}$

Proposed land treatment is 7% B, 5% C, & 88% D  
 $Q_{100} = [(0.07)(2.28) + (.05)(3.14) + (.88)(4.7)] (1.84) = 8.2 \text{ CFS}$



GRADING AND DRAINAGE PLAN

1" = 20 FT



Westwork ARCHITECTS

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CONSULTANTS

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DOLORES GONZALES ELEMENTARY SCHOOL  
ADMINISTRATION ADDITION AND RENOVATION

900 Atlantic Blvd. Albuquerque, New Mexico 87107

DRAWING SUBMITTAL:	
01	09/10/12   SCHEMATIC DESIGN REVIEW
02	10/10/22   DESIGN DEVELOPMENT REVIEW
03	03/15/13   50% CONSTRUCTION DOCUMENT REVIEW
04	09/15/12   75% CONSTRUCTION DOCUMENT REVIEW
05	11/15/12   95% CONSTRUCTION DOCUMENT REVIEW
06	02/28/13   PERMIT SET
07	03/28/13   BID SET
MARK	DATE
DESCRIPTION	
PROJECT NO: 101021	
CAD DWG FILE: MG-1016_C1.DWG	
DRAWN BY: C.B.	
CHK'D BY: Scott M. McGee	
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C-101