

This report has been prepared to support a proposed 5 lot subdivision to be located on a 1.22 acre parcel located along the north side of Menaul Boulevard between Eighth St. and Tenth St. (please refer to Vicinity Map). An existing home with historical designation is located near the northwest quadrant of the site, and will remain upon the development of the site.

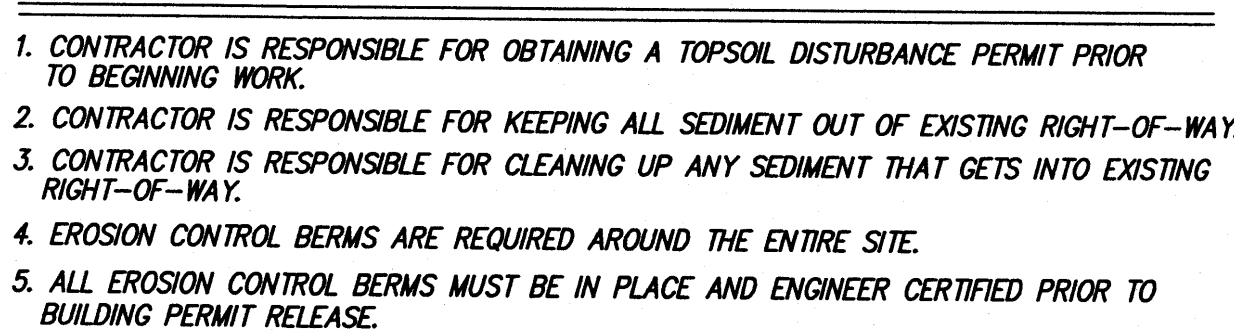
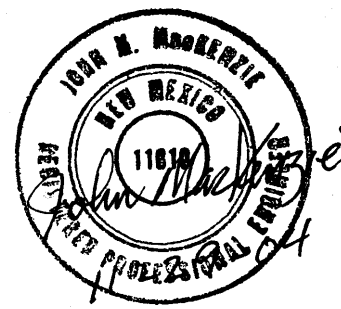
The Foraker Farms site is an infill parcel with existing housing located along the east, north, and west sides of the property. Along the south side of the site, an approximate 5' high earthen berm separates this property from an MRGCD irrigation ditch, with Menaul Blvd. due south of the ditch.

The existing site topography slopes gently from north to south at approximately 0.5% with site generated flows primarily outfalling to an existing drive onto Menaul Blvd. located at the southeast corner of the site. During a 100-year, 6-hour storm event, it is estimated that 3.06 cfs of runoff is generated. This site is not within a 100-year floodplain.

The drainage management plan for this site calls for surface draining developed storm flows within a new curb lined cul de sac to Menaul Blvd. Two Type 'C' drop inlets are proposed along the north side of Menaul near the new intersection to be constructed with this project. The new inlets will connect to an existing 24"/30" main line in Menaul. It is estimated that in the developed state the site will generate 4.65 cfs of runoff during a 100-year, 6-hour event.

As reflected on the Grade & Drain Plan, it will be necessary to replace the MRGCD's existing 24" culvert crossing located just outside the southeast corner of this site in order to construct the new entrance intersection. Functioning the same as the existing crossing, the proposal is to construct new Double 'D' drop inlets along the bottom of the irrigation ditch on either side of the new drive. Irrigation waters will enter the westernmost inlet, fill the new 24" culvert pipe, and ultimately discharge out the easternmost grate into the irrigation ditch east of the new entrance.

Developing this site in the manner presented will increase runoff from the site by only 1.59 cfs. With new drop inlets constructed at the new intersection on Menaul, the increase in flow will be intercepted immediately upon entering the roadway. Thereby, there will be no adverse impacts downstream upon developing this site.



1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL BEST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM EXPOSED SLOPES AND PLOTS IN ANY MANNER. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERM'S AND NETTING THE SOIL TO KEEP IT FROM BLOWING.

— 5615 —	EXISTING CONTOUR (MAJOR)
— 5616 —	EXISTING CONTOUR (MINOR)
$\frac{TC=}{FL=}$ x 00.0	EXISTING SPOT ELEVATION
— x — x — x — x —	EXISTING CHAIN LINK/WIRE FENCE
— E — E — E — E —	EXISTING OVERHEAD ELECTRIC LINE
○	EXISTING POWER POLE
→	EXISTING GUY WIRE
①	EXISTING TELEPHONE MANHOLE
⊠	EXISTING TELEPHONE PEDESTAL
⊞	EXISTING WATER VALVE
⊞	EXISTING WATER METER
○	EXISTING SANITARY SEWER MANHOLE
⊞	EXISTING STORM SEWER MANHOLE
⊞	EXISTING DROP INLET
— E>Y —	EXISTING UTILITY LINES
— — — — —	EXISTING CURB & GUTTER
— — — — —	EXISTING WALL OR HEADWALL
○	EXISTING TREE
=====	NEW MOUNTABLE CURB & GUTTER
=====	NEW STANDARD CURB & GUTTER
— — — — —	NEW SIDEWALK
— — — — —	NEW RIGHT-OF-WAY
— — — — —	NEW CENTERLINE
— — — — —	NEW LOT LINES
— — — — —	NEW EASEMENTS
=====	NEW RETAINING WALL
20.00	NEW SPOT ELEVATIONS
— — — — —	NEW FLOW
— 18" —	NEW STORM DRAIN
●	NEW STORM DRAIN MANHOLE
~~~~~	NEW WATERBLOCK
=====	NEW WALL
00.007W	TOP OF WALL
00.007G	TOP OF GRADE



NOTES:

1. ALL LOT RUNOFF DRAINS TO THE STREET IN FRONT OF THE LOT.

[illegible]