

Channel Capacity

Weir Equation:

$Q = CLH^{3/2}$

Q= Flow

C= 2.95

L= Length of weir

H= Height of Weir

Emergency Overflow

$Q = 2.95 * 16 * 0.502^3$

$Q = 16.69 \text{ cfs} < Q = 15.83 \text{ cfs}$

LEGEND

- Curb & Gutter
- - - Boundary Line
- - - Existing Curb & Gutter
- SF - SF Temporary Silt Fence
- ST — ST Temporary Sediment Trap
- IP Inlet Protection

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONNECTIONS. 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 THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

EROSION CONTROL NOTES:

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.
6. ALL SLOPES NOT STABILIZED AT THE END OF THE PROJECT SHALL BE STABILIZED IN ACCORDANCE WITH COA SPECS OR 3" GRAVEL.

SEQUENCE OF CONSTRUCTION

THE DEVELOPMENT WILL BE SUBDIVIDED INTO 8 RETAIL PADS AND A 7 ACRE SINGLE FAMILY RESIDENTIAL PROJECT.

LOT #1 WILL BE A BUILD TO SUIT BY THE CURRENT OWNER. THE NEW NOI WILL BE INITIATED AND HELD BY THE CURRENT OWNER AND SELECTED GENERAL CONTRACTOR SPECIFIC FOR LOT #1 UNTIL SUCH TIME AS THE CONSTRUCTION IS COMPLETE AND AN NOT FILED.

LOT #2 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO GRADE A SUPER PAD AND INSTALL UTILITIES SPECIFIC TO THAT END USER. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

LOT #3 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO GRADE A SUPER PAD AND INSTALL UTILITIES SPECIFIC TO THAT END USER. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

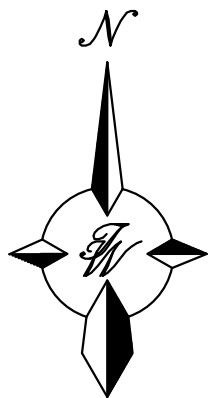
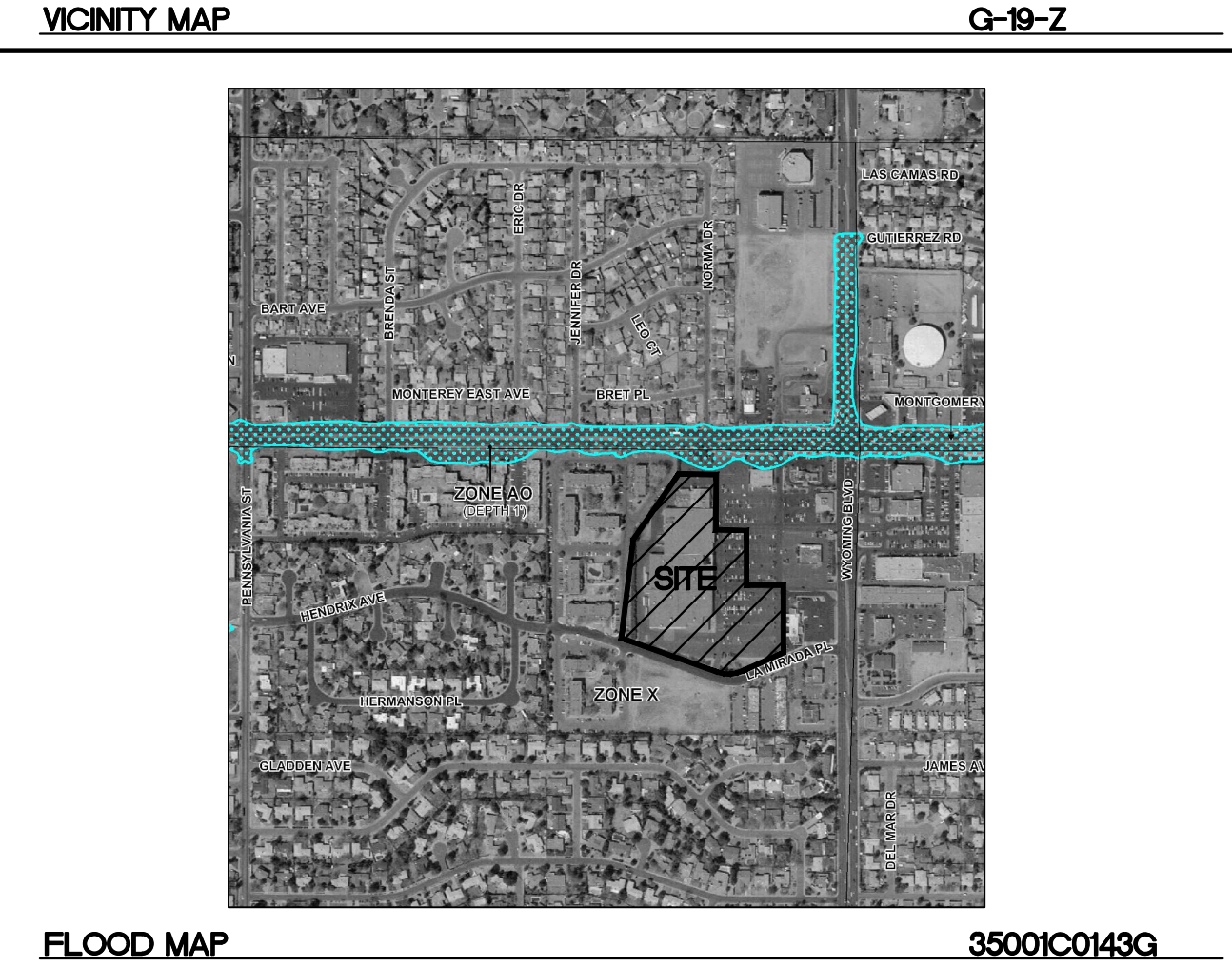
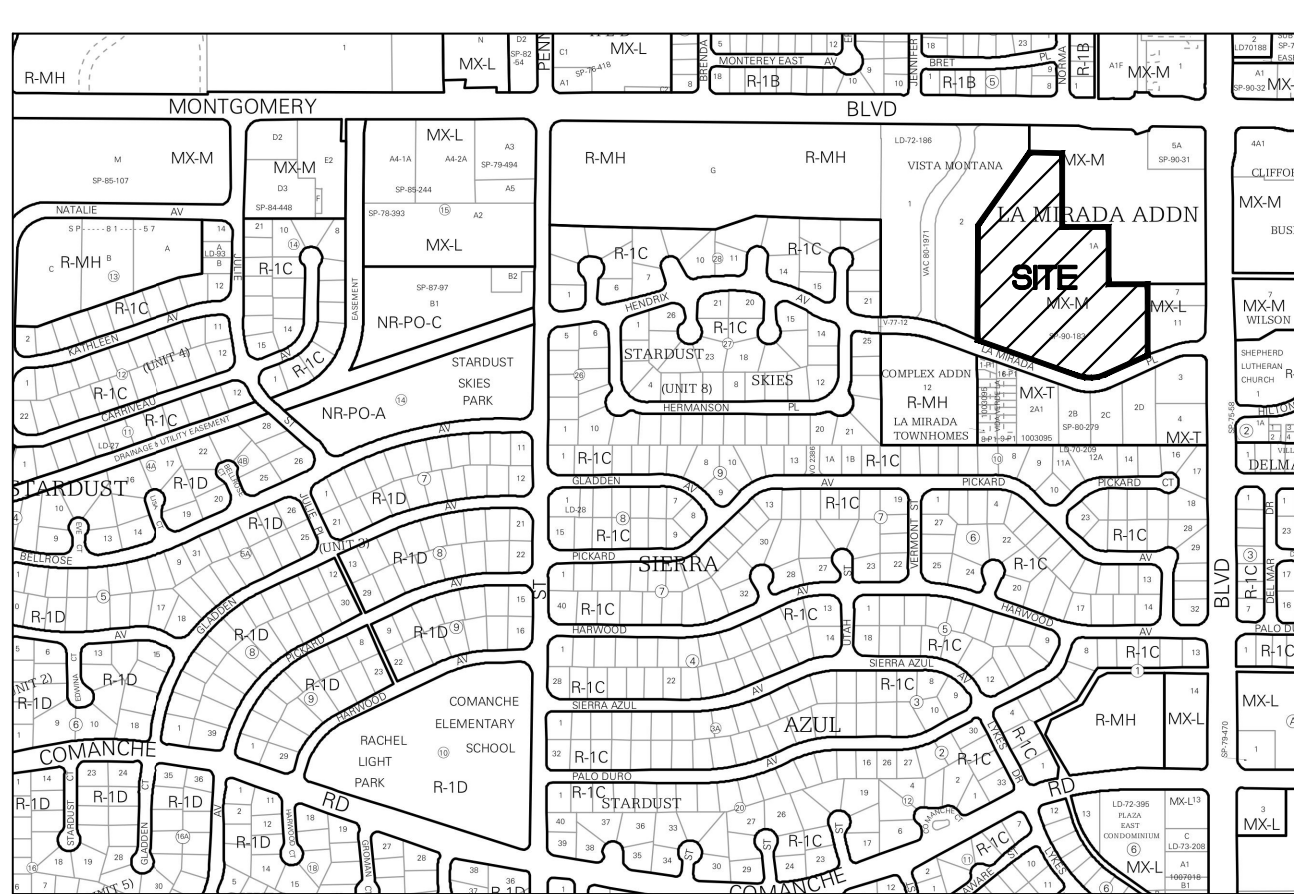
LOT #4 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO GRADE A SUPER PAD AND INSTALL UTILITIES SPECIFIC TO THAT END USER. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

LOT #5 WILL BE MASS GRADED TO COMPLY WITH THE OVERALL GRADING AND DRAINAGE PLAN. THE CURRENT OWNER WILL FILE AN NOI FOR THIS PROPERTY AND STABILIZE AS NEEDED.

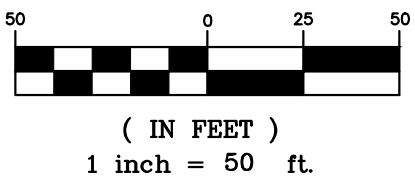
LOT #6 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO GRADE A SUPER PAD AND INSTALL UTILITIES SPECIFIC TO THAT END USER. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

LOT #7 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO REMOVE AND REPLACE THE CURRENT ASPHALT. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

LOT #8 WILL BE MASS GRADED TO COMPLY WITH THE OVERALL GRADING AND DRAINAGE PLAN. THE CURRENT OWNER WILL FILE AN NOI FOR THIS PROPERTY AND STABILIZE AS NEEDED. TOWNHOME PARCEL WILL BE BUILT BY THE CURRENT OWNER. THE NEW NOI WILL BE INITIATED BY THE CURRENT OWNER AND HELD UNTIL ALL LOTS ARE SOLD TO THE SELECTED HOMEBUILDER. ONCE THE LAST LOT IS SOLD THE NOI WILL BE TRANSFERRED TO THE HOMEBUILDER SELECTED FOR THE PROJECT. IT IS ANTICIPATED THAT A SINGLE HOMEBUILDER WILL BUILD OUT THE ENTIRETY OF THE PROJECT.

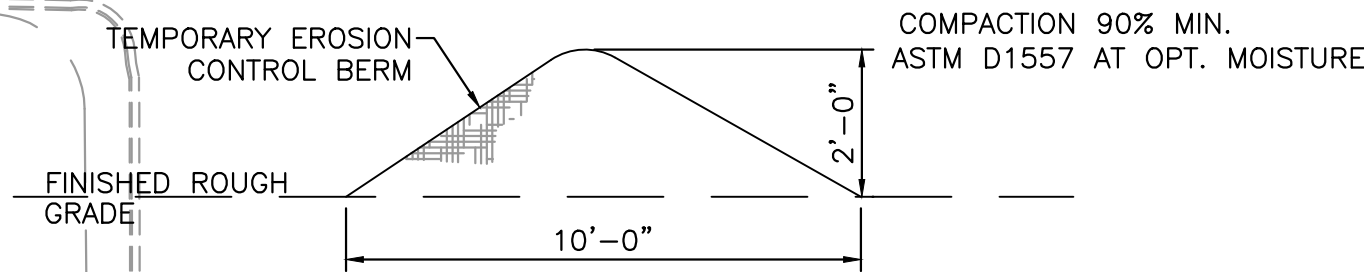


GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.

ENGINEER'S SEAL RONALD R. BOHANNAN NEW MEXICO 7868 PROFESSIONAL ENGINEER  8-5-21 RONALD R. BOHANNAN P.E. #7868	THE WYMONT ALBUQUERQUE, NM INTERIM GRADING AND DRAINAGE PLAN  TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	DRAWN BY pm
		DATE 8-5-21
		DRAWING
		SHEET # GR-1
		JOB # 2021008



EROSION CONTROL BERM DETAIL

NTS