

*S PARADISE RV PARK
*S Drainage Basin Analysis
*S 2-YEAR EXISTING CONDITION MODEL
*S RAINFALL FROM COA DEVELOPMENT PROCESS MANUAL
*S 100 YEAR 24HR STORM RAINFALL
TIME=0.0 PUNCH CODE=0 PRINT CODE=0
LOCATION AHYMO97
TYPE=13 RAIN QUARTER=0
RAIN ONE=0.65 IN RAIN SIX=0.92 IN
RAIN DAY=1.16 IN DT=0.03333 HRS

****Adding Sediment Bulk Factor to all Basins
SEDIMENT BULK CODE=1 BULK FACTOR=1.06

*** Sub-BASIN NORTH ****

COMPUTE LT TP LCODE=1 UPLAND/LAG TIME METHOD
NK=1 ISLOPE=1 SLOPE=0.048 K=0.7
LENGTH=3653 FT HYD NO=NORTH DA=0.12711 SQ MI
COMPUTE NM HYD ID=1 PER A=79 PER B=8 PER C=8 PER D=5
TP=0.0 MASSRAIN=1

PRINT HYD ID=1 CODE=1

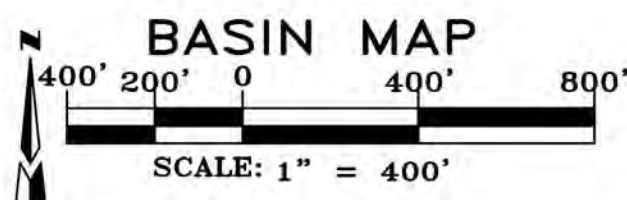
*** Sub-BASIN SOUTH ****

COMPUTE LT TP LCODE=1 UPLAND/LAG TIME METHOD
NK=1 ISLOPE=1 SLOPE=0.026 K=0.7
LENGTH=4683 FT HYD NO=SOUTH DA=0.14011 SQ MI
COMPUTE NM HYD ID=2 PER A=78 PER B=8 PER C=8 PER D=6
TP=0.0 MASSRAIN=1

PRINT HYD ID=2 CODE=1

FINISH
AHYMO PROGRAM SUMMARY TABLE (AHYMO-S4)
INPUT FILE = 98th and Central 24hr 2yr ESC.HMI

COMMAND	HYDROGRAPH IDENTIFICATION	FROM NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE	NOTATION
START										1	
LOCATION											
RAINFALL											
SEDIMENT BULK											
COMPUTE NM HYD											
FINISH											
COMMAND	IDENTIFICATION	NO.	ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE	NOTATION
START											
LOCATION											
RAINFALL											
SEDIMENT BULK											
COMPUTE NM HYD											
FINISH											
COMMAND	IDENTIFICATION	NO.	ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE	NOTATION
START											
LOCATION											
RAINFALL											
SEDIMENT BULK											
COMPUTE NM HYD											
FINISH											



NOTES

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 IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS 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 THE GROUP. IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.

GENERAL NOTES:

- 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, 2020 EDITION.
- 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.
- THE DRAINAGE INFRASTRUCTURE SHOWN ON THIS PLAN IS THE RESPONSIBILITY OF THE PROPERTY OWNER.
- ALL DISTURBED AREAS MUST BE RESTORED TO NATURAL GRADES AFTER CONSTRUCTION AND STABILIZATION ARE COMPLETE PER COA STD. SPEC. 1013.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 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.
- OWNER IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- OWNER IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- OWNER IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE OWNER.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION.

EROSION CONTROL NOTES

- OWNER IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- OWNER IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
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AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	WORK	DATE	DATE	AGRS ALUMINUM CAP STAMPED "B-K9 1989" FROM THE	INTERSECTION OF I-40 AND 98TH STREET NW. TRAVEL	SOUTH 0.37 MILES TO THE STATION ON THE EAST SIDE OF	98TH STREET. COORDINATE POSITION, IN FEET (NAD83) N.M.	STATE PLANE COORDINATES (CENTRAL ZONE)	N=1484994.639 E=1492463.769 G-G=0.999677891	DA=001703.21"	ELEVATION, IN FEET (NAD83) = 5250.166	NO.	DATE	BY	REMARKS
INSPECTOR'S	ACCEPTANCE	DATE	DATE	NO.	DATE	BY	REMARKS	DESIGNED BY	REH	DATE	4/07/25	BY	REH	DATE	4/14/25
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	CHECKED BY	REH	DATE	4/14/25	DATE	4/14/25	DATE	4/14/25



NO.	DATE	REVISIONS	BY
1	4/07/25	DESIGN	REH
2	4/14/25	REVISIONS	REH
3	4/14/25	REVISIONS	REH

CONSTRUCTION ENTRANCE FOR AVALON AND 102ND CONSTRUCTION (SEQUENCE 2)

CONSTRUCTION ENTRANCE FOR VOLCANO RD. CONSTRUCTION (SEQUENCE 1)

TEMPORARY RETENTION POND
REQ. 2 YR VOLUME = 14,288 CU.FT.
BOTTOM ELEV. = 5254.50
WATER SURFACE ELEV. = 5255.50
BOTTOM AREA = 21,685 SQ.FT.
TOP AREA = 23,479 SQ.FT.
MAX. VOLUME = 22,582 CU.FT.

TEMPORARY RETENTION POND
REQ. 2 YR VOLUME = 18,905 CU.FT.
BOTTOM ELEV. = 5245.50
WATER SURFACE ELEV. = 5248.80
BOTTOM AREA = 4,120 SQ.FT.
TOP AREA = 7,585 SQ.FT.
MAX. VOLUME = 19,312 CU.FT.

TRACT 6, ROW A, UNIT A, WEST OF WESTLAND,
TOWN OF ATRISCO GRANT, CITY OF ALBUQUERQUE BERNALILLO
COUNTY, NEW MEXICO



West Mesa RV Park

PROJECT TITLE

ALBUQUERQUE, NM - BERNALILLO COUNTY

CITY, COUNTY, STATE

10/30/2025

DATE

D. Lewis / J. Tolman

DRAWN BY



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
PARADISE RV PARK PHASE 2

EROSION CONTROL
TEMPORARY PONDING PLAN

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

Mo./DAY/YR. Mo./DAY/YR.

CITY PROJECT No. 676280 ZONE MAP No. K-08

SHEET 1 OF 1

1 POND SECTION

Scale: NTS




2 SWALE SECTION

Scale: NTS

LEGEND

Latitude: 35.076535
Longitude: -106.746466

- Property Boundary & Limit of Disturbance (3)
- Silt Fence (4)
- Post-Construction Water Flow/Slope (6)
- Pre-Construction Water Flow/Slope (8)
- Drainage Swale (1)
- Material Storage (1)
- Temporary Retention Basin (2)
- Stockpiles (2)
- Water Hose/Truck (1)
- Street Sweeping (1)
- Compost Filter Sock Inlet Protection (10)
- Portable Toilet (1)
- Dumpster (1)
- Spill Kit (1)
- NOI/Site Notice Posting (1)
- Portable Concrete Washout Bin w/ Sign (1)
- Stabilized Construction Exit (1)

  CPESC STAMP	West Mesa RV Park	
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	ALBUQUERQUE, NM - BERNALILLO COUNTY	
	CITY, COUNTY, STATE	
	10/30/2025	DATE
	D. Lewis / J. Tolman	DRAWN BY
	 INSPECTIONS PLUS	