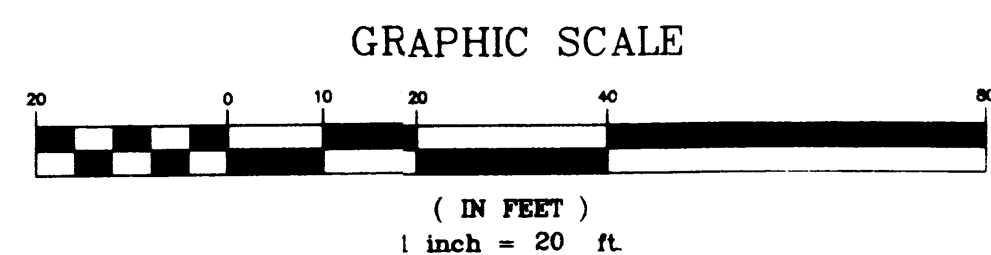


**FINAL GRADING  
AND DRAINAGE PLAN**

1"=20'

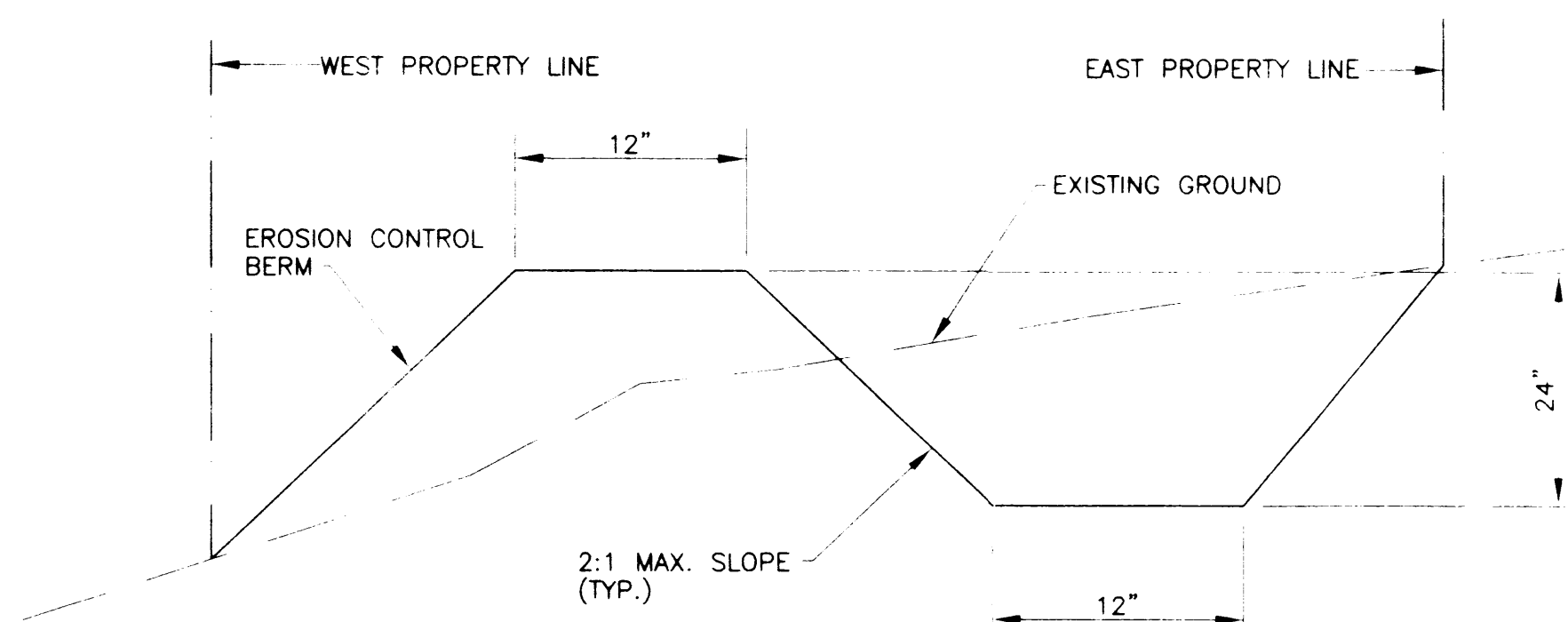


**GENERAL NOTES:**

1. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION (TO INCLUDE UPDATE #6).
2. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT THE LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
5. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
7. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COST INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
8. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
9. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (E.G., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, ETC.)
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
11. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
12. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH WORK DAY.

**GRADING NOTES:**

1. THE CONTRACTOR MUST CONFORM TO THE SPECIFICATIONS NOTED IN THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY GILES ENGINEERING ASSOCIATES, INC. DATED 4/12/2000.
2. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
3. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL.
4. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY WETTING THE SOIL TO PROTECT IT FROM WIND, EROSION AND INSTALLING BERM ON THE EAST AND WEST PROPERTY LINES DURING CONSTRUCTION PER DETAIL THIS SHEET.
5. DURING THE MONTHS OF JULY, AUGUST OR SEPTEMBER, ANY GRADING WITHIN OR ADJACENT TO A WATERCOURSE DEFINED AS A MAJOR FACILITY SHALL PROVIDE FOR EROSION CONTROL AND SAFE PASSAGE OF THE 10-YEAR DESIGN STORM RUNOFF DURING THE CONSTRUCTION PHASE.
6. CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL REQUIREMENTS AND IS RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
7. ALL GRADED AREAS WHICH DO NOT RECEIVE A FINAL SURFACE TREATMENT WILL BE REVEGETATED IN ACCORDANCE WITH COA STANDARD SPECIFICATION 1012 AND THE LANDSCAPE SPECIFICATIONS.
8. CONTRACTOR SHALL OBTAIN AND ABIDE BY A TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.



**EROSION CONTROL BERM**

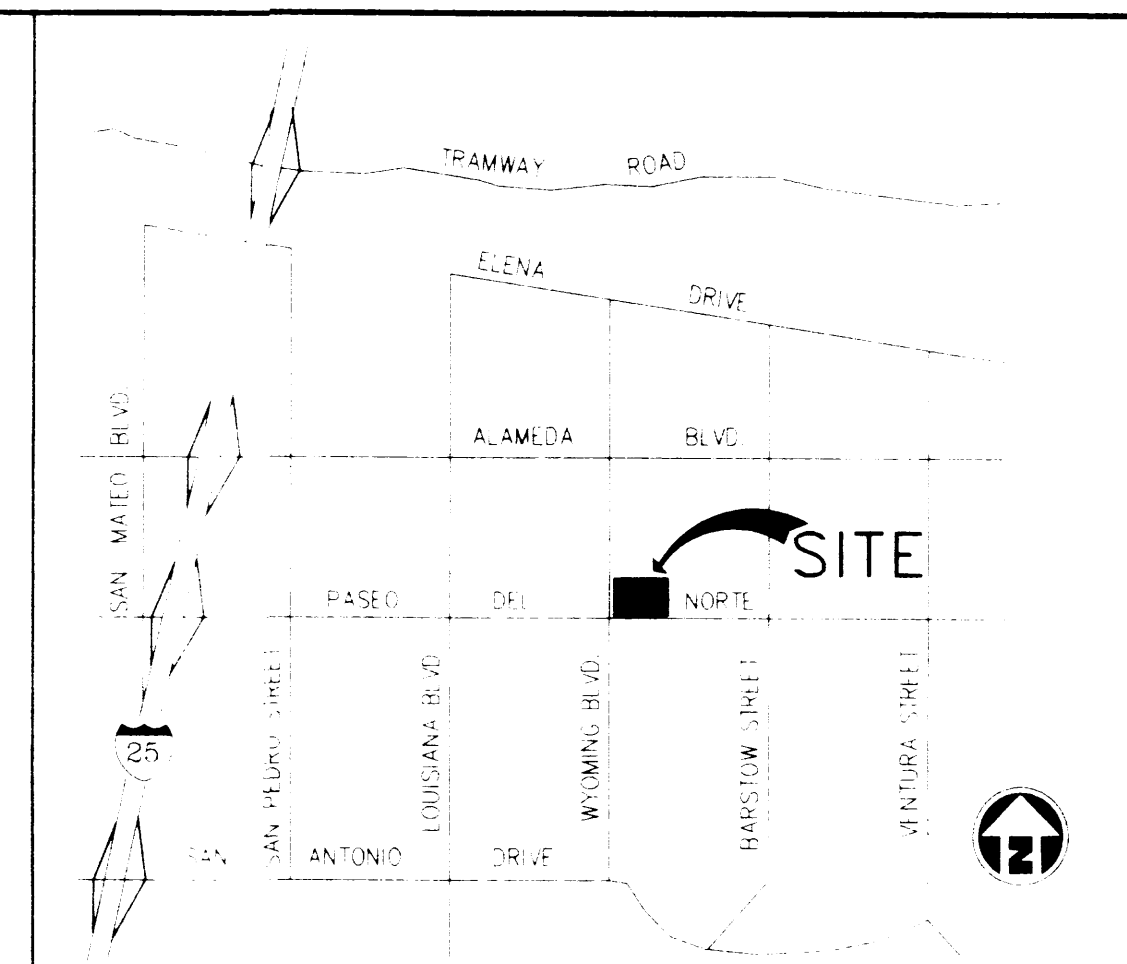
N.T.S.

**DRAINAGE CERTIFICATION**

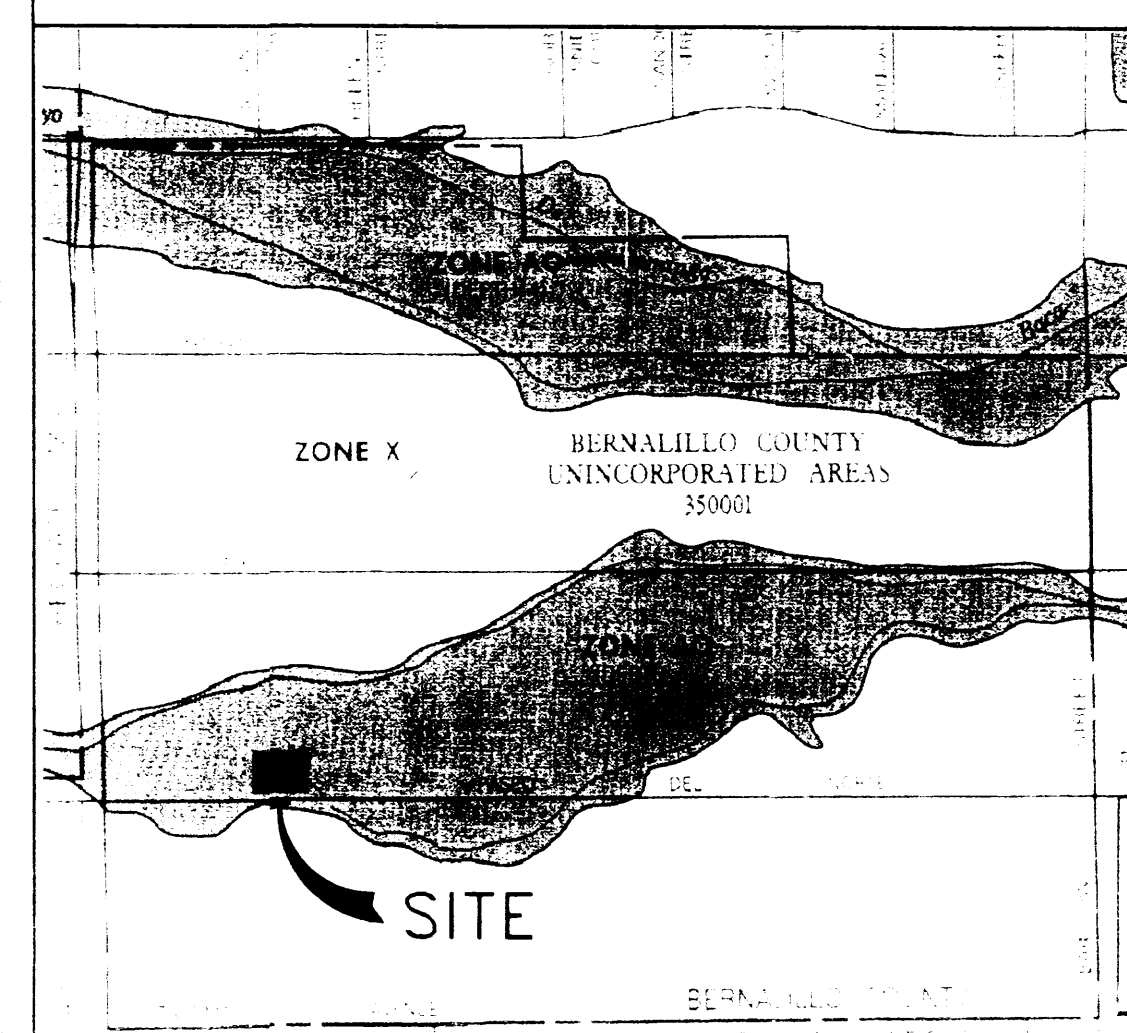
AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY URS CORPORATION PROFESSIONAL LAND SURVEYOR.

I, TIMOTHY D. SIMMONS, OF URS CORPORATION, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE DRAINAGE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TIMOTHY D. SIMMONS, P.E.  
N.M.P.E. No. 12722



VICINITY MAP: ALBUQUERQUE ZONE ATLAS  
PAGE # C-19-Z



FEMA FIRM MAP # 35001C0141 D

**LEGAL DESCRIPTION:**

LOT 7A LA CUEVA TOWN CENTER, NORTH ALBUQUERQUE ACRES

**BENCHMARK NOTE:**

VERTICAL DATUM IS BASED UPON THE ALBUQUERQUE CONTROL SURVEY BENCHMARK "9-C19", ELEVATION = 5433.018 (NAVD 1929)

**LEGEND**

- EXISTING CURB & GUTTER
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- FUTURE CONTOUR
- 5005 PROPOSED CONTOUR (MAJOR)
- PROPOSED CONTOUR (MINOR)
- BOUNDARY LINE
- EASEMENT
- PROPOSED CURB & GUTTER
- PROPOSED SPOT ELEVATION
- PROPOSED CONCRETE SIDEWALK

HYDROLOGY APPROVAL

DATE

LA CUEVA TOWN CENTER  
LOT 7A, LA CUEVA TOWN CENTER  
ALBUQUERQUE, NEW MEXICO  
FINAL GRADING AND GRADING PLAN

Date 9-21-00  
Sub AS NOTED  
Drawn by: [signature]  
RDJ IDS  
Project Number 9616



