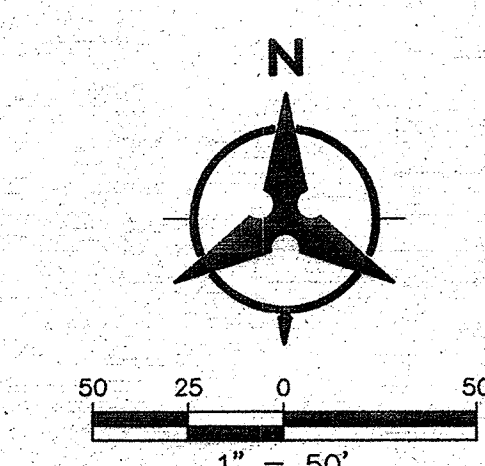





- GENERAL NOTES**
1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
  2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT BY GEO-TEST, INC. DATED 9-29-10.
  3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES & REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
  4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, SHEET 3B, AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
  5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
  6. Boulders GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.
  7. ALL WALLS SHOWN ARE TO BE PLACED ALONG PROPERTY LINE. WALLS ARE SHOWN OFFSET FOR VISUAL PURPOSE ONLY.



- LEGEND**
- (91.62) FUTURE SPOT ELEVATION
  - 91.62 PROPOSED SPOT ELEVATION
  - × 92.46 EXISTING SPOT ELEVATION (GRND & TC)
  - ===== EXISTING CURB & GUTTER
  - ===== PROPOSED MOUNTABLE CURB & GUTTER
  - ===== PROPOSED STANDARD CURB & GUTTER
  - EXISTING CONTOUR W/ INDEX ELEVATION
  - FLOW ARROW
  - ===== PROPOSED RETAINING WALL (TO BE BUILT BY HOMEOWNER)
  - ===== PROPOSED GARDEN WALL, CONCRETE FILLED TO 1-FOOT DEPTH
  - ===== PROPOSED SLOPE
  - ===== PROPOSED STORM DRAIN
  - PROPOSED STORM DRAIN MANHOLE
  - ===== PROPOSED STORM DRAIN INLET
  - ===== PROPOSED CATTLE GUARD INLET
  - ===== WALL DRAIN PER DETAIL SHEET 3
  - GRADING PHASE BOUNDARY
  - ===== HIGH POINT
  - ===== TEMPORARY BERM

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS	
CONTRACTOR	DATE	ACCS BRASS TABLET STAMPED "7"-C10"	DATE	NO.	BY		By	No.	Date
INSPECTED BY	DATE	GEOGRAPHIC POSITION (NAD 83)	DATE						
ACCEPTANCE BY	DATE	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)							
REVISION BY	DATE	X = 1,499,200.29 Y = 1,521,838.43							
REVISION BY	DATE	GROUND-TO-GRID FACTOR = 0.999867290							
REVISION BY	DATE	Δα = -00°16'20"							
REVISION BY	DATE	NAVD 1988 ELEVATION = 5425.21							

**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**

**TIERRA VISTA UNIT 1 at the TRAILS**  
GRADING AND DRAINAGE PLAN

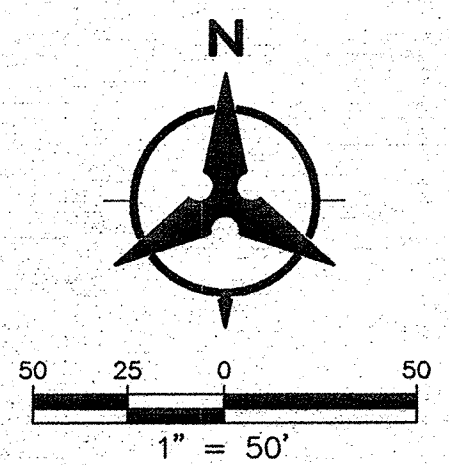
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXXZone Map No. C-09-ZSheet 1 Of 3





- GENERAL NOTES**
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  5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
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  - PROPOSED STORM DRAIN INLET
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AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS	
CONTRACTOR	DATE	ACS BRASS TABLET STAMPED "7-C10"	DATE	BY	NO.	DATE	NO.	By	DATE
WORKED BY	DATE	GEOGRAPHIC POSITION (NAD 83)	DATE						
ACCEPTED BY	DATE	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	DATE						
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**Bohannon & Huston**

**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**

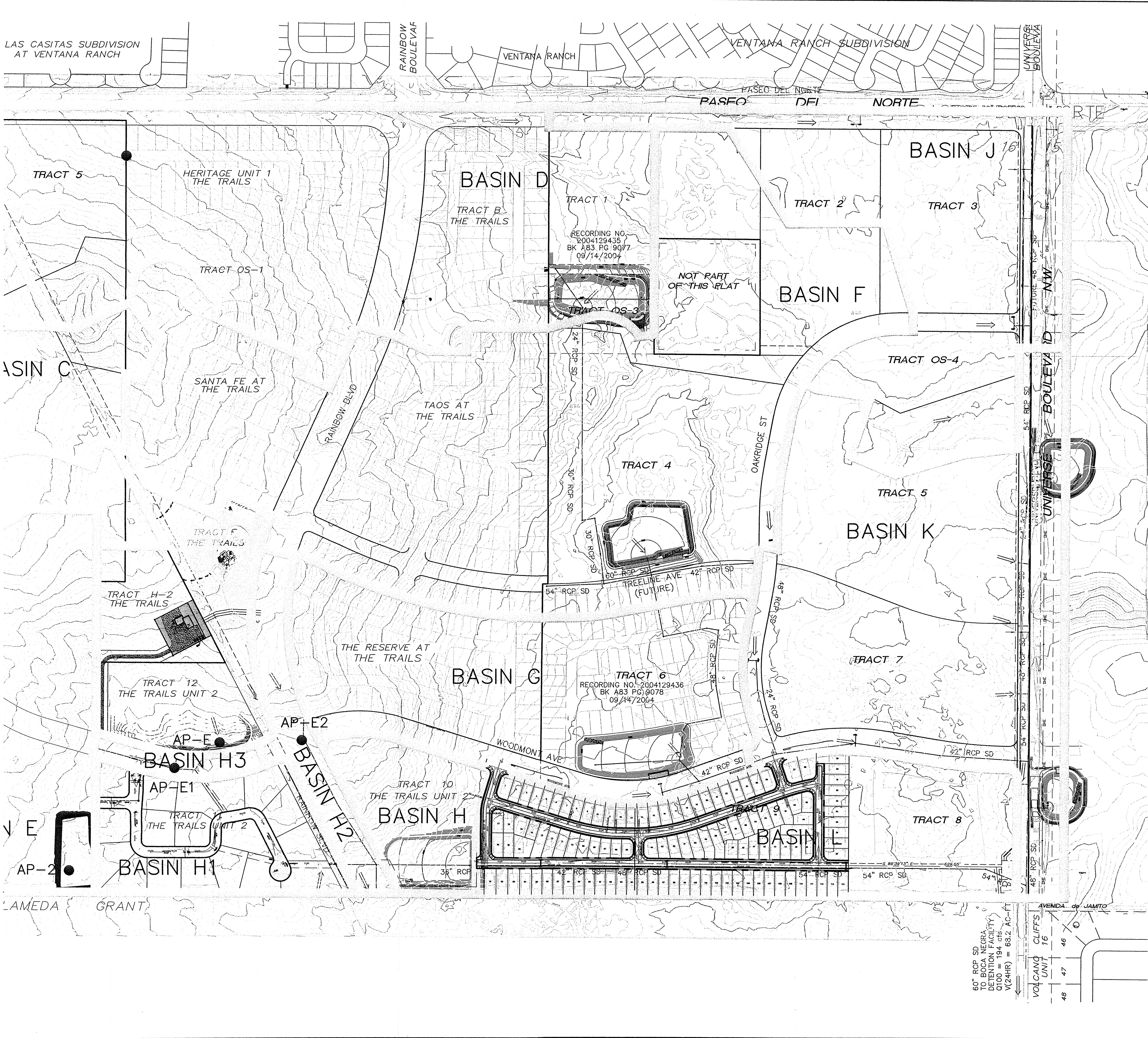
**TIERRA VISTA UNIT 2 at the TRAILS**  
**GRADING AND DRAINAGE PLAN**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	2	3
X	C-09-Z			









**LEGEND**

BASIN BOUNDARY

SUB-BASIN BOUNDARY

FLOW DIRECTION

**Interim Condition POND SUMMARY**

Analysis Point	Description	Drainage Area (Ac.)	Q100 (cfs)in	Q100 (cfs)out	MAX STORAGE (Ac-Ft)	TOP ELEV =	BOP ELEV =	MAX WSEL =
AP-D	POND D*	58.30	122.40	0	5.39	5436.85	5430.00	
AP-E	POND E*	77.19	93.29	0	5.37	5448.00	5441.00	5446.90
AP-F	POND F*	82.94	196.82	0	9.27	5424.33	5416.00	5423.90
AP-G	POND G*	31.93	105.96	0	5.64	5422.50	5416.00	5421.40
AP-J	POND J	1.68	5.73	5.73	-	5423.00	5417.00	-
AP-K	POND K*	14.70	50.13	0	2.62	5410.50	5405.00	5410.50
AP-H	POND H	164.29	112.14	-	2.77	5422.00	5418.00	5421.87

\* POND ACTS AS A TEMPORARY RETENTION POND IN THE INTERIM CONDITION. UNTIL CONSTRUCTION OF UNIVERSE STORM DRAIN TO THE BOCA NEGRA DAM IS COMPLETE. MAXIMUM STORAGE VOLUME IS THE 10-DAY VOLUME TO BE RETAINED.

\*\* THE STORAGE CAPACITY OF POND D IS EXCEEDED FOR THE 10 DAY STORM. RUNOFF OVER-FLOWING FROM THIS POND WILL BE CONVEYED TO THE EXISTING DEPRESSION WITHIN TRACT 4. POND D IS ADEQUATE TO RETAIN THE 24 HOUR VOLUME.

**Interim Condition SUB-BASIN ANALYSIS POINT SUMMARY**

Analysis Point	Description	Drainage Area (Ac.)	Q100 (cfs)
AP-D1	PASEO DEL NORTE BYPASS FLOW	-	12.85
AP-D2	FROM HERITAGE-REPORT DATED 03/04	-	172.0
AP-E1	WOODMONT AVE SUMP INLETS	3.27	13.81
AP-E2	FROM TRACTS H AND 12	14.37	0
AP-E3	RAINBOW INLETS	2.62	11.06
AP-F1	FROM SANTA FE/TAOS-REPORT DATED 12/03	-	167.4
AP-F2	OAKRIDGE INLETS	2.36	8.03
AP-G1	FROM RESERVE-REPORT DATED 04/04	-	52.80
AP-G2	WOODMONT AVE SUMP INLETS	4.26	17.99
AP-H1	RAINBOW INLETS	3.15	12.88
AP-J1	PASEO DEL NORTE SUMP INLETS	3.04	0
AP-J2	STUB TO UNIVERSE STORM DRAIN	14.54	0
AP-J3	UNIVERSE INLETS	2.92	0
AP-J4	OAKRIDGE ST INLETS	0.82	3.47
AP-J5	STUB TO UNIVERSE STORM DRAIN	4.22	0
AP-K1	OAKRIDGE SUMP INLETS	1.34	5.65
AP-K2	WOODMONT AVE SUMP INLETS	2.04	8.62
AP-K3	STUB TO UNIVERSE STORM DRAIN	10.84	0
AP-K4	STUB TO UNIVERSE STORM DRAIN	6.37	0
AP-K5	STUB TO UNIVERSE STORM DRAIN	12.85	0
AP-K6	UNIVERSE INLETS	6.24	21.29
AP-K7	TRAILS OUTFALL TO BOCA NEGRA DAM	651.01	0

**HYDROLOGIC DATA -- INTERIM CONDITIONS**

BASIN	AREA (acres)	% DEV (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/ac)	Q100 (cfs)	V100-24 (ac-ft)
			A	B	C	D			
ON-D	58.30	73	27	18.2	18.3	36.5	2.10	122.40	6.21
ON-E	77.19	22	78	5.5	5.5	11	1.72	132.88	4.38
ON-H	19.88	16	84	4	4	8	1.42	28.24	1.02
ON-G	31.93	100	0	25	25	50	3.32	105.96	4.29
ON-F	82.94	55	45	13.7	13.8	27.5	2.37	196.82	7.35
ON-J	32.92	15	85	3.7	3.8	7.5	1.05	34.57	1.65
ON-K	45.12	14	86	3.5	3.5	7	1.23	55.37	2.22
ON-L	17.73	4	96	1	1	2	1.09	19.34	0.70
ON-H1	11.71	100	0	39.9	39.9	20.2	2.80	32.86	1.30
ON-H2	5.77	73	0	0	10	90	13.06	23.59	1.52
ON-H3	1.63	100	0	0	10	90	4.22	6.88	0.43

**GRAPHIC SCALE**

200 0 100 200 400 800

( IN FEET )

1 inch = 200 ft.

**WILSON & COMPANY** 2600 THE AMERICAN ROAD S.E. SUITE 100 RIO RANCHO, NEW MEXICO 87124 (505) 896-8021

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

**SANTA FE III AT THE TRAILS UNIT II OVERALL POND GRADING & DRAINAGE PLAN INTERIM CONDITIONS**

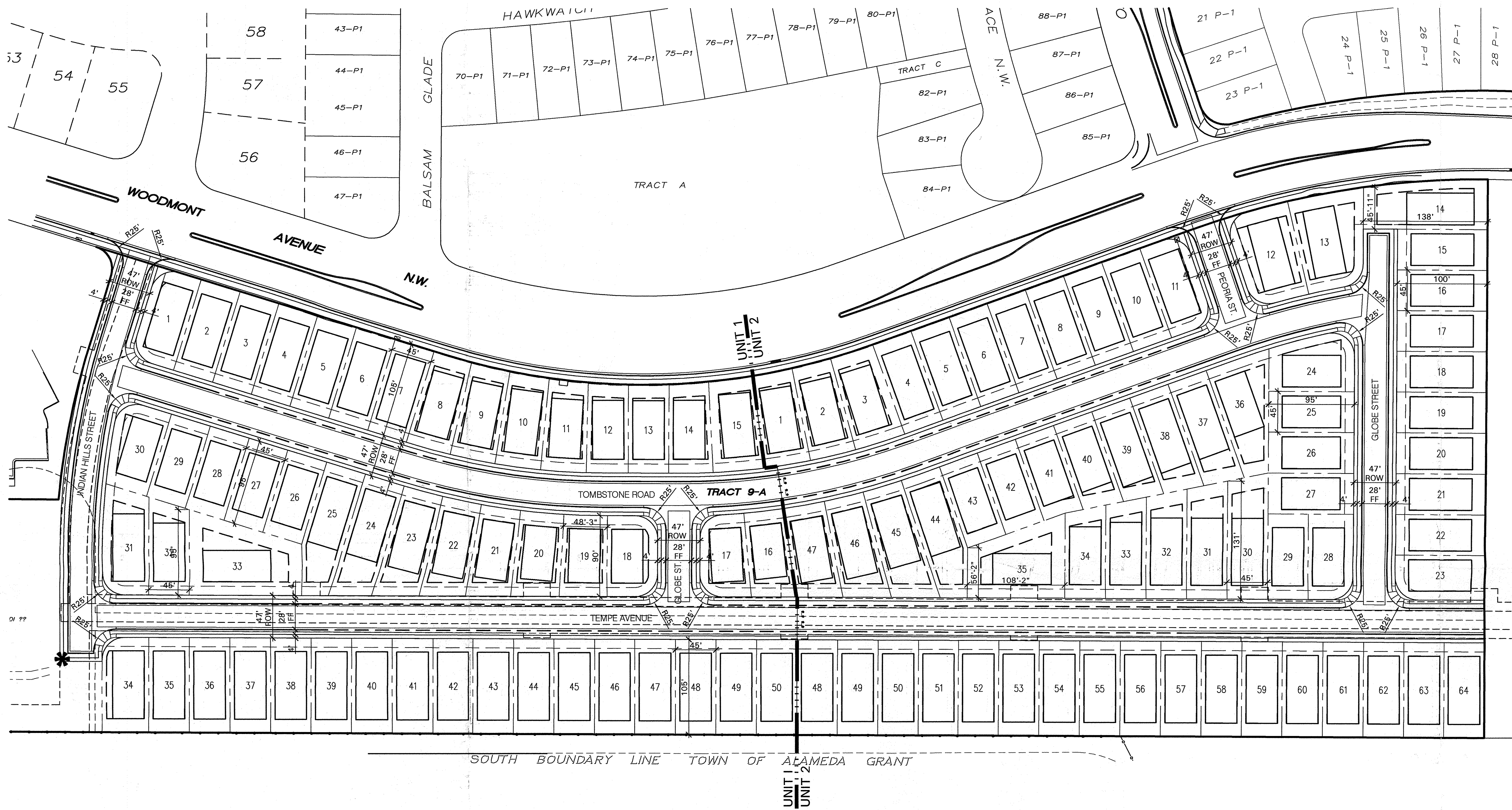
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
	(Signature)		

City Project No. Zone Map No. C-9-Z

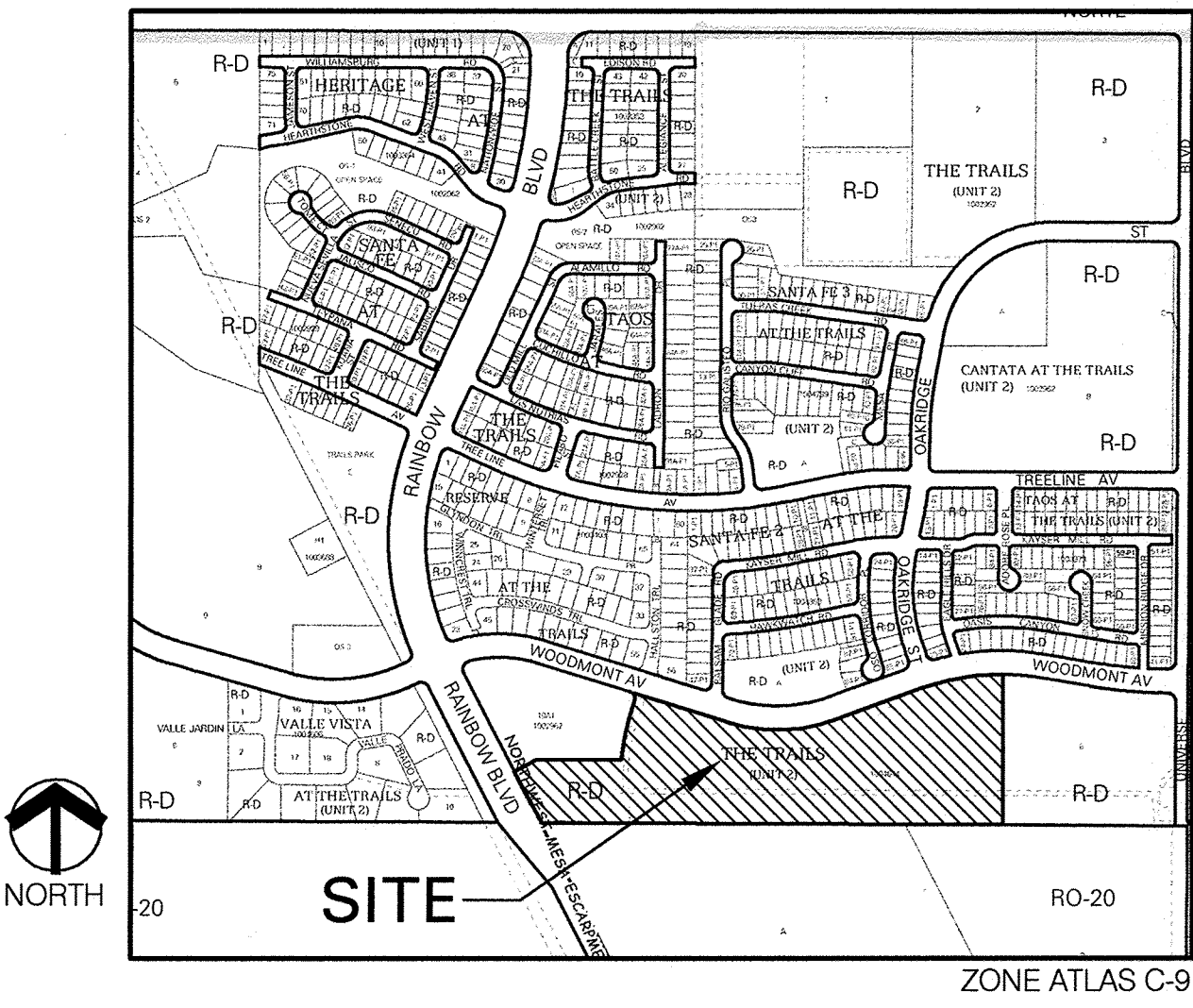
**PLATE 1**

RECEIVED JUL 13 2006 HYDROLOGY SECTION





SITE VICINITY



PROJECT NUMBER:	1008799
APPLICATION NUMBER:	11DRB-70129
IS AN INFRASTRUCTURE LIST REQUIRED? ( ) YES (X) NO IF YES, THEN A SET OF APPROVED DRC PLANS WITH A WORK ORDER IS REQUIRED FOR ANY CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS.	
DRB SITE DEVELOPMENT PLAN APPROVAL:	
TRAFFIC ENGINEERING, TRANSPORTATION DIVISION	DATE
ABCWUA	DATE
PARKS AND RECREATION DEPARTMENT	DATE
CITY ENGINEER	DATE
*ENVIRONMENTAL HEALTH DEPARTMENT-(CONDITIONAL)	DATE
SOLID WASTE MANAGEMENT	DATE
DRB CHAIRPERSON, PLANNING DEPARTMENT	DATE

GENERAL NOTES:

- THE SITE PLAN CONCEPT AND REQUIREMENTS HAVE BEEN BASED ON THE "TRAILS PHASE 1" SITE DEVELOPMENT PLAN FOR SUBDIVISION, DATED 10-22-03. PROJECT NUMBER 1002962, 03DRB-01530.
- EXISTING ZONING: RD - PROPOSED ZONING: NO CHANGE.
- LOT SIZE, SETBACKS AND WIDTHS FOR INDIVIDUAL SUBDIVISION PARCELS SHALL CONFORM TO THE R-T ZONING REGULATION.
- AS DESCRIBED AND PERMITTED IN CHAPTER 23 OF THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, OFF STREET PARKING WILL BE PROVIDED IN ACCORDANCE WITH THE P-1 INTERMITTENT PARKING DESIGN STANDARDS. THIS IS APPLICABLE WHERE THE ROADWAY RIGHT-OF-WAY AND PAVEMENT WIDTHS WITHIN INDIVIDUAL SUBDIVISIONS EQUAL 47' AND 28' RESPECTIVELY.
- PEDESTRIAN ACCESS: SITE INGRESS/EGRESS IS PROVIDED BY PUBLIC SIDEWALKS TO WOODMONT AVENUE.
- VEHICULAR ACCESS: SITE INGRESS/EGRESS IS PROVIDED BY PUBLIC STREETS TO WOODMONT AVENUE.
- ALL INTERNAL SUBDIVISION RESIDENTIAL ROADS ARE PROPOSED TO BE 47' RIGHT-OF-WAY WITH 28' F-F PAVEMENT SECTION.
- SUBDIVISION LOT LAYOUTS DEPICTED ARE FOR GENERAL INFORMATION ONLY. EXACT LOT SIZE, CONFIGURATION, QUANTITY AND INTERNAL ROADWAY CONFIGURATION MAY VARY, AND SHALL BE DETERMINED WITH PRELIMINARY AND FINAL PLATS.
- THE MAXIMUM ON-LOT USEABLE OPEN SPACE REQUIREMENT WILL BE MET, PER THE R-D ZONE IN THE CITY COMPREHENSIVE ZONING CODE. THE REMAINING REQUIREMENTS HAVE BEEN MET PREVIOUSLY PER SECTION 14-16-3-8 DETACHED OPEN SPACE REGULATIONS. OFF-SITE OPEN SPACE AREAS HAVE BEEN ESTABLISHED CONSISTENT WITH THE TRAILS PHASE I SITE DEVELOPMENT PLAN FOR SUBDIVISION.

- WATER AND SEWER PROVIDED BY ABCWUA PURSUANT TO THE WATER AND SEWER AVAILABILITY LETTER.
- PERIMETER WALLS: THE SUBDIVISION PERIMETER GARDEN WALL WILL BE DESIGNED AND SUBMITTED IN CONJUNCTION WITH THE PRELIMINARY PLAT, AND SHALL BE CONSISTENT WITH THE TRAILS PHASE I SITE DEVELOPMENT PLAN FOR SUBDIVISION. SOME OF THE PERIMETER WALLS ARE EXISTING.
- MAXIMUM BUILDING HEIGHT WILL BE 26 FEET IN COMPLIANCE WITH THE COMPREHENSIVE CITY ZONING CODE.
- THERE ARE CURRENTLY NO TRANSIT OPERATIONS IN THE VICINITY. TRANSIT MAY OCCUR AT A LATER DATE PER CITY OF ALBUQUERQUE TRANSIT.
- BICYCLE LANES ARE EXISTING WITHIN WOODMONT AVE, AND RAINBOW BLVD ROADWAYS AS DETERMINED BY THE CITY OF ALBUQUERQUE DESIGN REVIEW COMMITTEE.

\* PEDESTRIAN CONNECTION

SITE DATA:

TOTAL DEVELOPED AREA: 19.3582 AC.  
ZONING: R-D  
PROPOSED DWELLING UNITS:

PHASE	57
PHASE 2	58
TOTAL	115

LEGAL DESCRIPTION:

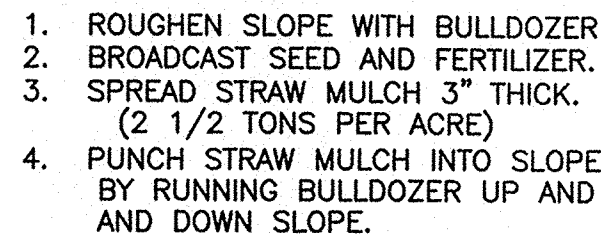
TRACT 9A OF THE TRAILS UNIT 2 WITHIN THE TOWN OF ALAMEDA GRANT, IN PROJECTED SECTION 16, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

Site Plan for Subdivision  
Tierra Vista Unit 1/  
Tierra Vista Unit 2



1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBANCE.
2. CONTRACTOR SHALL IMPLEMENT AND MAINTAIN DUST CONTROL MEASURES TO MINIMIZE WIND BORNE EROSION OF MATERIALS FROM THE PROJECT AREA. DUST CONTROL MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO PRE-WETTING, WATERING, MULCH, REVEGETATION, DRIFT/SILT FENCING, WOODEN LATH SNOW FENCING, GROUND COVERS, SOIL STABILIZERS, COMPACTION TO HARD SURFACE CRUST AND HALTING SOIL DISTURBANCE ACTIVITIES. DUST CONTROL MEASURES SHALL BE IMPLEMENTED AS DETERMINED IN CONSULTATION WITH THE CONTRACTOR, ENGINEER, AND THE CITY OF RIO RANCHO.
3. CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES TO MINIMIZE THE WATER BORNE EROSION OF SEDIMENT FROM THE PROJECT AREA. EROSION CONTROL MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO GROUND COVERS, SOIL STABILIZERS, MULCH, REVEGETATION, CONTOUR GRADING, SWALES, BERMS, SEDIMENT PONDS, SEDIMENT/SILT FENCING, FILTER FABRICS AND/OR MATERIALS, AND STRAW BALES. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS DETERMINED IN CONSULTATION WITH THE CONTRACTOR, ENGINEER, AND THE CITY OF RIO RANCHO.
4. ADDITIONAL DUST CONTROL AND/OR EROSION CONTROL MEASURES MAY BE REQUIRED DURING CONSTRUCTION DEPENDING ON UNFORESEEN CIRCUMSTANCES AND WEATHER CONDITIONS. ANY ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS DETERMINED IN CONSULTATION WITH THE CONTRACTOR, ENGINEER, AND THE CITY OF RIO RANCHO.
5. CONTRACTOR SHALL MINIMIZE SOIL DISTURBANCE TO THE MAXIMUM EXTENT POSSIBLE. CLEAR AND CRUB WORK SHALL BE PERFORMED IN INCREMENTAL STEPS AS THE WORK PROGRESSES. REVEGETATION WORK SHALL ALSO BE PERFORMED IN INCREMENTAL STEPS AS THE WORK IS COMPLETED.
6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND OBTAIN CONSTRUCTION WATER IN ACCORDANCE WITH THE POLICIES AND REQUIREMENTS OF THE WATER PROVIDER. CONTACT THE CITY OF RIO RANCHO WATER & WASTEWATER DEPARTMENT AT 898-5020 x3008.
7. CONTRACTOR SHALL NOT ENTER ONTO PRIVATE PROPERTY TO IMPORT, EXPORT, OR HAUL MATERIAL WITHOUT WRITTEN PERMISSION FROM THE PROPERTY OWNER.
8. CONTRACTOR SHALL PRE-WET THE WORK AREA PRIOR TO SOIL DISTURBANCE AND SHALL WATER THE SITE AS NECESSARY TO CONTROL DUST DURING CONSTRUCTION. CONTRACTOR SHALL LEAVE THE SITE IN A WET-DOWN, STABLE CONDITION AT THE END OF EACH WORK DAY. A SUFFICIENT DUST CONTROL WATER SUPPLY AND DUST CONTROL EQUIPMENT SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES.
9. TO MINIMIZE TRACKING OF SOIL AND GRAVEL ONTO PAVED STREETS, STABILIZED CONSTRUCTION ENTRANCES AND/OR A CONTRACTOR OPERATED STREET SWEEPER WILL BE USED TO CONTROL SOIL TRACKING.
10. IF SOIL OR WIND CONDITIONS ARE SUCH THAT DUST CANNOT BE CONFINED TO THE PROJECT SITE, CONTRACTOR SHALL VOLUNTARILY HALT SOIL DISTURBANCE ACTIVITIES UNTIL WINDS ABATE AND/OR DUST CAN BE EFFECTIVELY CONTROLLED.
11. ALL TRUCKS HAULING IMPORT, EXPORT OR ONSITE MATERIAL SHALL BE EQUIPPED WITH SOUND BEDS, SIDEBOARDS, TAILGATES AND COVERS MAINTAINED IN GOOD WORKING ORDER. COVERS SHALL BE USED AT ALL TIMES DURING HAULING OPERATIONS.
12. CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL SPILLED, CARRIED, TRACKED OR ERODED ONTO ADJACENT PRIVATE PROPERTY OR PUBLIC RIGHT-OF-WAY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REMOVAL OF WATER BORNE AND WIND BORNE MATERIAL WHICH ORIGINATES FROM THE WORK AREA AND IS ATTRIBUTABLE TO PROJECT CONSTRUCTION.
13. DRIFT/SILT FENCING SHALL BE ADP ENTERPRISES, INC. DURETHENE SNOW AND SAND CONTROL FENCING AWSF-4100-40, WOOD LATH SNOW FENCE OR APPROVED EQUAL INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
14. SEDIMENT/SILT FENCING SHALL BE AMOCO PROPEX SILT STOP, AMERICAN EXCELSIOR COMPANY SILT STOP, MIRAFI, INC. SILT FENCE OR APPROVED EQUAL INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
15. WHERE SOIL CONDITIONS PERMIT EFFECTIVE IMPLEMENTATION, CONTRACTOR MAY COMPACT DISTURBED SOIL AREAS TO A HARD SURFACE FOR TEMPORARY DUST CONTROL.
16. IN AREAS WHERE FUTURE SOIL DISTURBANCE OR CONSTRUCTION BY OTHERS IS IMMINENT AND WHEN THE INTERIM NON-WORK TIME PERIOD DOES NOT ENCOMPASS ANY TIME BETWEEN FEBRUARY 15 AND MAY 15, CONTRACTOR MAY GRADE, SHAPE, MOISTURE PROCESS AND COMPACT DISTURBED SOIL AREAS TO FORM A SMOOTH, HARD SURFACE CRUST AFTER CONSTRUCTION WORK IS COMPLETE.
17. EXCEPT AS OTHERWISE AUTHORIZED IN WRITING, CONTRACTOR SHALL GRADE, MULCH, CRIMP AND SEED ALL DISTURBED SOIL AREAS IN ACCORDANCE WITH CITY OF ALBUQUERQUE, SECTION 1012, NATIVE GRASS SEEDING WESTSIDE MIX, OF THE PROJECT SPECIFICATIONS.
18. THE CONTRACTOR AND THE CITY PROJECT MANAGER (OR HIS DESIGNEE) WILL INSPECT THE SITE EVERY TWO WEEKS AND AFTER ANY RAINFALL EVENT EXCEEDING ½ INCH. WRITTEN INSPECTION REPORTS WILL BE KEPT ON FILE ON SITE. CONTRACTOR WILL INSPECT ALL STORM WATER CONTROL MEASURES IN PLACE AND MAKE MODIFICATIONS OF CONTROL MEASURES AS PROJECT PROGRESSES TO BEST UTILIZE POLLUTION CONTROL MEASURES.

1. ONSITE CHEMICAL TOILETS WILL BE PROVIDED BY THE CONTRACTOR AND WILL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE PROJECT.
2. TRASH CONTAINERS WILL BE PROVIDED BY THE CONTRACTOR, LOCATED BY EMPLOYEE LUNCH AND PARKING SITES, AND USED BY THE CONTRACTOR'S EMPLOYEES. CONTAINERS WILL BE EMPTIED AS NECESSARY.
3. NO HAZARDOUS MATERIALS WILL BE STORED ON THE PROJECT SITE. ANY FUEL STORED ONSITE WILL BE ENCLOSED BY SPILL CONTAINMENT STRUCTURES.
4. FUELING AND MINOR VEHICLE MAINTENANCE WILL BE DONE ON THE PROJECT SITE THROUGHOUT THE PROJECT DURATION. MAJOR VEHICLE OVERHAULS WILL BE DONE OFFSITE.
5. ANY FUEL SPILLS WILL BE IMMEDIATELY CONTAINED AND CLEANED UP BY THE CONTRACTOR. A SPILL KIT WILL BE LOCATED AT THE CONSTRUCTION OFFICE TRAILER LOCATION AND ALL OPERATORS WILL BE TRAINED IN THE USE OF THE SPILL KIT. EMERGENCY PHONE NUMBERS OF THE SAFETY DIRECTOR WILL ALSO BE POSTED IN THE CONSTRUCTION OFFICE TRAILER. CONTAMINATED SOIL WILL BE DISPOSED IN A MANNER PRESCRIBED FOR THE SPILLED MATERIAL. SPILL EMERGENCIES WILL BE REPORTED TO THE RIO RANCHO DEPARTMENT OF PUBLIC SAFETY, PHONE: 891-7226, OR CONTACT 911.
6. WEEKLY SAFETY MEETINGS WILL BE USED TO TRAIN AND REMIND EMPLOYEES AND SUBCONTRACTORS OF THE IMPORTANCE OF SAFETY, FIRST AID, POLLUTION PREVENTION AND THE USE OF SPILL KITS.



Bradley L. B/L      11/27/06  
 Approved For Rough Grading      Date



- NOTES:
1. EMBED BALES 4" INTO THE SOIL AND 'KEY' BALES INTO THE CHANNEL BANKS.
2. POINT 'A' MUST BE HIGHER THAN POINT 'B' (SPILLWAY HEIGHT)
3. PLACE BALES PERPENDICULAR TO THE FLOW WITH ENDS TIGHTLY ABUTTING. USE STRAW, ROCKS OR FILTER FABRIC TO FILL ANY GAPS AND TAMP BACKFILL MATERIAL TO PREVENT EROSION OR FLOW AROUND THE BALES.
4. SPILLWAY HEIGHT SHALL NOT EXCEED 24".
5. INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROMPTLY.

- PHASE I - MASS GRADING-INSTALL PERIMETER WIND FENCE/  
PERIMETER WALL, CONSTRUCT TEMPORARY SEDIMENT  
CONTROL DIKE AND POND, MAINTAIN FLOW PATH FOR  
EXISTING CULVERT DRAINAGE.
- PHASE II - FINAL GRADING-ADD FRONT YARD SEDIMENT  
CONTROL DEPRESSIONS, DEPRESSION SHALL BE FILL  
IN WITH MATERIAL EXCAVATED FOR FOUNDATION WHEN  
HOUSE IS CONSTRUCTED.
- PHASE III - AS SURFACE INFRASTRUCTURE IS CONSTRUCTED  
ADD STRAW BALE PROTECTION IN BAR DITCHES AS  
SHOWN.

**WILSON**  
**& COMPANY**

2600 THE AMERICAN ROAD S.E.  
SUITE 100  
RIO RANCHO, NEW MEXICO  
87124  
(505) 898-8021

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TRACT 8 & 9A AT THE TRAILS UNIT II  
MASS GRADING EROSION CONTROL DETAILS

Design Review Committee	City Engineer Approval	Update Date	Mo./Day/Yr.	Mo./Day/Yr.
	RECEIVED NOV 27 2006 HYDROLOGY SECTION	DESIGN		
City Project No.  —	Zone Map No.  C-9-Z	Sheet	3	Of 3

AS-BUILT INFORMATION	
CONTRACTOR	
WORK ORDER NO. BY	
INSPECTOR'S ACCEPTANCE BY	DATE
DATE	
FIELD VERIFICATION BY	DATE
CORRECTED BY	
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

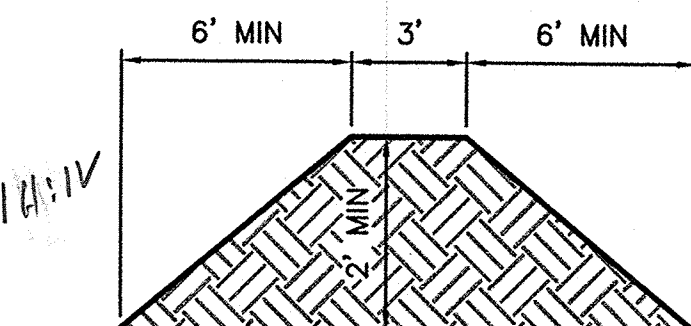
SURVEY INFORMATION			BENCH MARKS	
FIELD NOTES				
NO.	BY	DATE		
			ACS BRASS TABLET STAMPED "2-B10 1980"	
			Geographic Position (NAD 1927)	
			N.M. State Plane Coordinates (Central Zone)	
			X= 357 543.73 Y= 1,527 976.48	
			Ground-to-Grid Factor = 0.99986354	
			$\Delta\alpha = -00^{\circ}16'30''$	
			SUD 1929 Elevation = 5429.35	

ENGINEER'S SEAL

J. SALAZAR  
NEW MEXICO  
16241  
11/27/04  
PROFESSIONAL ENGINEER  
LICENSED

[illegible]





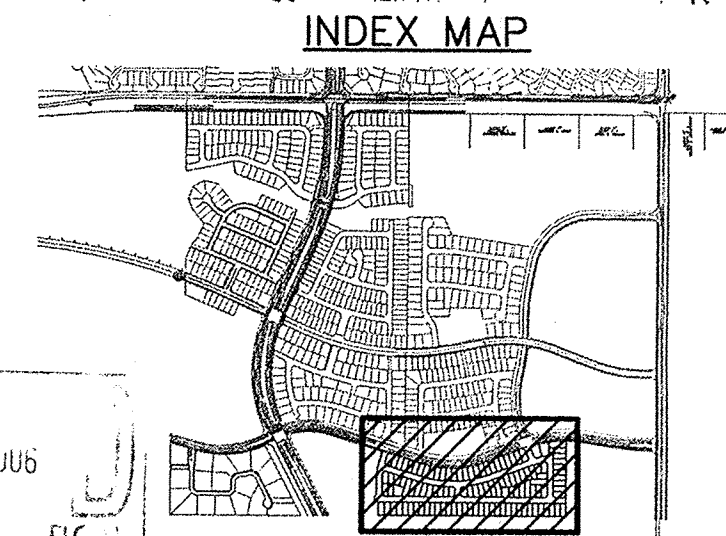
TYPICAL BERM SECTION A-A

**LEGEND**

- High Point
- Spot Line Elevation
- Future Type Double C Inlet
- MH to be built with COA # 730084
- SD to be built with COA # 730084
- Future SD Manhole
- Future SD Pipe
- Proposed Berm

NOTE:  
LAYOUT BASED ON DRB #1005031 CASE.  
FINAL LAYOUT MAY CHANGE SUBJECT TO BRB  
FINAL COMMENT AND CONDITIONS.

**MASS GRADING PLAN**  
*Bradley B. Bix*  
Approved For Rough Grading  
11/27/08  
Date



**WILSON & COMPANY**  
2600 THE AMERICAN ROAD S.E.  
SUITE 100  
RIO RANCHO, NEW MEXICO  
87124  
(505) 898-8021

**CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP**

**TRACT 9A AT THE TRAILS UNIT II  
MASS GRADING & DRAINAGE PLAN**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. \_\_\_\_\_ Zone Map No. **C-9-Z** Sheet **1** Of **3**

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	CONTRACTOR	WORK BY	DATE	DATE
			INSPECTOR'S		
			ACCEPTANCE BY		
			VERIFICATION BY		
			COMPARISON BY		
			RECORDED BY		
			NO.		

ACS BRASS TABLET STAMPED "2-B10 1980"  
Geographic Position (NAD 1927)  
N.M. State Plane Coordinates (Central Zone)  
X = 357,543.73 Y = 1,527,916.48  
Ground-to-Grid Factor = 0.99966354  
AQ = -00°16'30"  
SLD 1929 Elevation = 5429.35

**ENGINEER'S SEAL**

*Salazar*  
1624  
11/27/08  
LICENSED



