



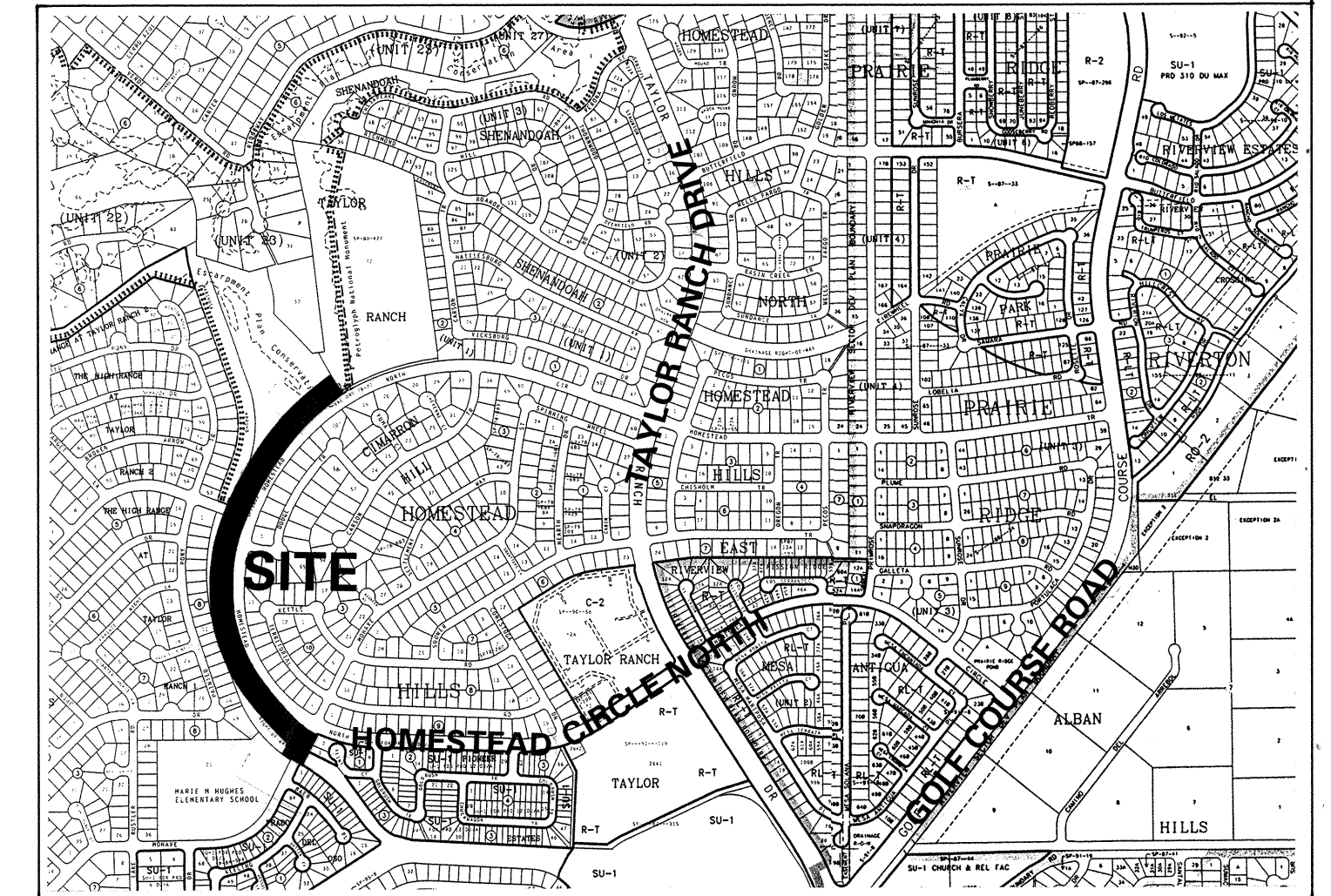
CITY OF ALBUQUERQUE
NEW MEXICO

PARKS & GENERAL SERVICES DEPARTMENT

NORTH MARIPOSA ARROYO TRAIL

HOMESTEAD CIRCLE NORTH FROM
MOJAVE STREET TO ELEMENTARY SCHOOL

CLASS II CONSTRUCTION



VICINITY MAP
ZONE ATLAS MAP NO.D-11

INDEX OF SHEETS

SHEET 1 OF 6	TITLE
SHEET 2 OF 6	PLAN AND PROFILE STA 0+00 TO STA 13+68.26
SHEET 3 OF 6	PLAN AND PROFILE STA 14+25 TO STA 23+39.49
SHEET 4 OF 6	PLANTING PLAN
SHEET 5 OF 6	IRRIGATION PLAN
SHEET 6 OF 6	SITE/LANDSCAPE DETAILS

GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 ADDITION AND CURRENT UPDATES AND SUPPLEMENTAL SPECIFICATIONS IN THE CONTRACT DOCUMENTS.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL COORDINATE ALL UTILITY WORK INCLUDING CUT OFF OF EXISTING UTILITIES FOR NEW CONNECTIONS (FIRE PROTECTION, DOMESTIC WATER, SEWER, STORM DRAIN, GAS PIPING, ETC.) WITH ENGINEER, OWNER, AND LOCAL UTILITY REPRESENTATIVES.
- THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS AND PREVIOUS CONSTRUCTION DRAWINGS. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES AND UTILITY CONNECTION POINTS IN THE IMMEDIATE VICINITY OF THE PROPOSED SITE MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THE DRAWINGS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE OWNER REPRESENTATIVE SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE CONTRACTOR'S RESPONSIBILITY.
- ALL EXCAVATION/CONSTRUCTION PERMITS WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR PERMITS.
- DISPOSAL OF ALL WASTE MATERIAL AND UNSUITABLE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AS SPECIFIED IN SECTION 6.14 OF THE GENERAL CONDITIONS IN THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION.
- A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC, PAVING, CONCRETE CURBS AND SIDEWALKS, ETC., SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE FIELD ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OF PAYMENT SHALL BE MADE.
- REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, OR RUNDOWN SHALL BE TO THE NEAREST JOINT OR SAW CUT.
- ALL CONCRETE SHALL BE 3000 PSI 28-DAY STRENGTH IN ACCORDANCE WITH PROJECT SPECIFICATIONS UNLESS OTHERWISE NOTED.
- ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS UNLESS OTHERWISE NOTED.
- ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER UNLESS OTHERWISE NOTED.
- ALL PAVEMENT MARKINGS SHALL MEET THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARDS.
- BACKFILL COMPACTION AND PAVING SHALL BE ACCORDING TO C.O.A. STANDARD DRAWING NO. 2415.
- MASTARMS AND SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND CONSTRUCTED IN ACCORDANCE WITH THE C.O.A. PUBLIC WORKS DEPARTMENT, ENGINEERING GROUP'S TRAFFIC SIGNAL MASTARM DETAILS - TYPE II STANDARD ALUMINUM. SIGNS DESIGNATING BICYCLE AND PEDESTRIAN CROSSING SHALL BE PROVIDED AND ATTACHED TO MASTARMS ACCORDING TO C.O.A. STANDARDS. MASTARM FOUNDATIONS SHALL BE INSTALLED ACCORDING TO C.O.A. DRAWING NO. 2526.
- PLANT QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY - PLANS TAKE PRECEDENCE.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING THE INTERSECTION. SEE SECTION 19 OF THE CITY SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY THE CONTRACTOR TO LOCATION, AND IN KIND, AS EXISTING OR INDICATED BY THIS PLAN SET.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							



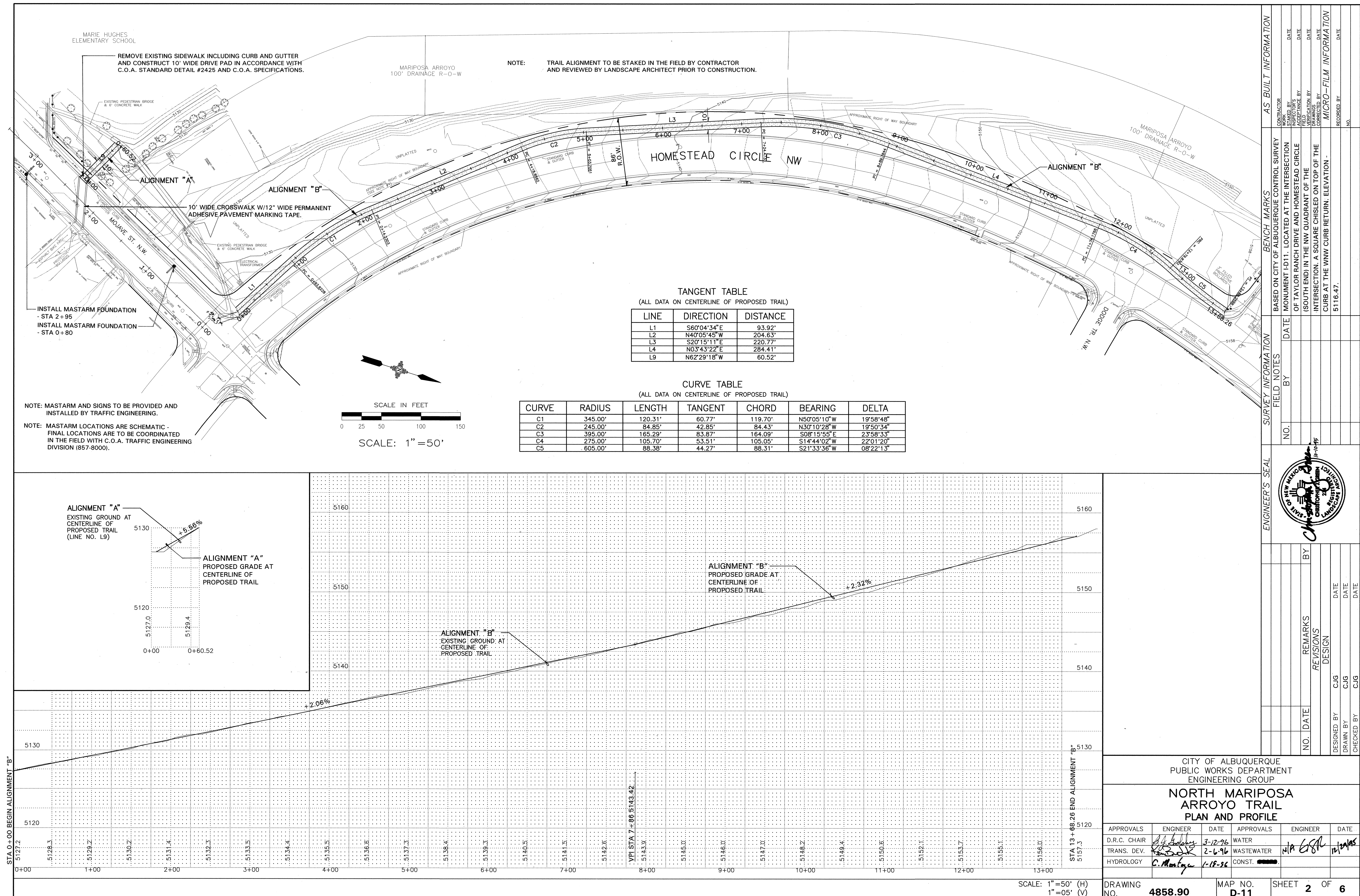
Consensus Planning, Inc.
718 Central Avenue SW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495

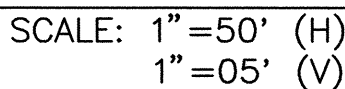
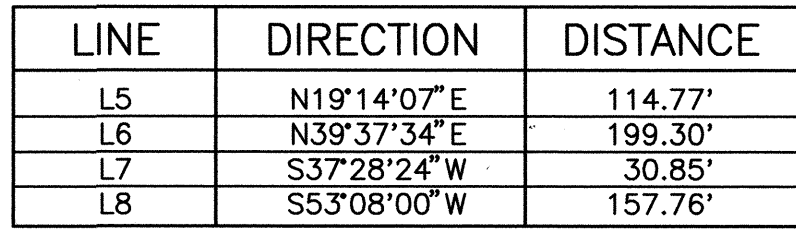
APPROVED FOR
CONSTRUCTION

Richard J. Green
3/25/96 CITY ENGINEER

PROJECT NO. **4858.90**

SHEET **1** OF **6**





DRAWING NO. 4858.90	MAP NO. D-11	SHEET 3 OF 6
----------------------------	---------------------	----------------------------

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION		
NO.	FIELD NOTES	BY	DATE	BASED ON CITY OF ALBUQUERQUE CONTROL SURVEY MONUMENT I-D11, LOCATED AT THE INTERSECTION OF TAYLOR RANCH DRIVE AND HOMESTEAD CIRCLE (SOUTH END) IN THE NW QUADRANT OF THE INTERSECTION. A SQUARE CHISEL ON TOP OF THE CURB AT THE WNW CURB RETURN. ELEVATION - 5116.47.	CONTRACTOR	WORK ORDER NO.	DATE
					APPROVED BY	INSPECTOR'S	DATE
					ACCEPTANCE BY	FIELD	DATE
					DRAWINGS	VERIFICATION BY	DATE
					CORRECTED BY		DATE
					MICRO-FILM INFORMATION		
					RECORDED BY		DATE
					NO.		

[illegible]

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

NORTH MARIPOSA ARROYO TRAIL PLAN AND PROFILE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
NORTH MARIPOSA ARROYO TRAIL PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>SG. G. G. G.</i>	<i>3-12-96</i>	WATER	<i>N/A</i>	<i>12/21/96</i>
TRANS. DEV.	<i>Tom B. G.</i>	<i>2-6-96</i>	WASTEWATER		
HYDROLOGY	<i>C. M. G.</i>	<i>1-22-96</i>	CONST. _____		
DRAWING NO. 4858.90		MAP NO. D-11		SHEET 3 OF 6	

The figure is a detailed landscape architectural plan for Marie Hughes Elementary School. The central feature is Homestead Circle NW, a curved road with two proposed alignments, A and B. The plan shows the placement of various trees and shrubs along these alignments, with some plants numbered for identification. Key site features include the Mariposa Arroyo 100' Drainage R-O-W to the north and east, and the Mojave St. N.W. to the southwest. The plan also shows existing pedestrian bridges and concrete walks. A north arrow and a scale bar (1" = 50') are provided. A plant palette is located at the bottom center, listing botanical names. The right side of the plan contains a table for survey information and a table for as-built information.

AS BUILT INFORMATION

CONTRACTOR	DATE
STAKED BY	DATE
ACCEPTANCE BY	DATE
FIELD DRAWINGS	DATE
CORRECTED BY	DATE
RECORDED BY	DATE

MICRO-FILM INFORMATION

NO.	BY	DATE
16		

BENCH MARKS

NO.	DATE

SURVEY INFORMATION

NO.	DATE

PLANT PALETTE

Botanical Name

SCALE IN FEET

0 25 50 100 150

SCALE: 1" = 50'

MARIE HUGHES ELEMENTARY SCHOOL

MARIPOSA ARROYO 100' DRAINAGE R-O-W

EXISTING PEDESTRIAN BRIDGE & 6' CONCRETE WALK

ALIGNMENT "A"

ALIGNMENT "B"

UNPLATTED

APPROXIMATE RIGHT OF WAY BOUNDARY

HOMESTEAD CIRCLE NW

ALIGNMENT "B"

MARIPOSA ARROYO 100' DRAINAGE R-O-W

UNPLATTED

APPROXIMATE RIGHT OF WAY BOUNDARY

MOJAVE ST. N.W.

EXISTING PEDESTRIAN BRIDGE & 6' CONCRETE WALK

TELL-TOUCH TRANSDUCER

STANDARD CURB & GUTTER

APPROXIMATE RIGHT OF WAY BOUNDARY

DOODGE TR. N.W.

TESSIE DR. N.W.

STANDARD CURB & GUTTER

APPROXIMATE RIGHT OF WAY BOUNDARY

SCALE IN FEET

0 25 50 100 150

SCALE: 1"=50'

PLANT PALETTE

Botanical Name

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	NO.	CONTRACTOR	DATE
				STAKED BY	DATE
				ACCEPTANCE BY	DATE
				FIELD DRAWINGS	DATE
				CORRECTED BY	DATE
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	

[illegible][illegible][illegible][illegible][illegible]

MARIE HUGHES ELEMENTARY SCHOOL

MARIPOSA ARROYO 100' DRAINAGE R-O-W

EXISTING PEDESTRIAN BRIDGE & 6' CONCRETE WALK

ALIGNMENT "A"

ALIGNMENT "B"

UNPLATTED

APPROXIMATE RIGHT OF WAY BOUNDARY

HOMESTEAD CIRCLE NW

ALIGNMENT "B"

MARIPOSA ARROYO 100' DRAINAGE R-O-W

UNPLATTED

APPROXIMATE RIGHT OF WAY BOUNDARY

MOJAVE ST. N.W.

EXISTING PEDESTRIAN BRIDGE & 6' CONCRETE WALK

TELL-TOESAN BRANCH CANYON

STANDARD CURVE & DUTTER

APPROXIMATE RIGHT OF WAY BOUNDARY

DOODGE TR. N.W.

TESSIE DR. N.W.

STANDARD CURVE & DUTTER

APPROXIMATE RIGHT OF WAY BOUNDARY

SCALE IN FEET

0 25 50 100 150

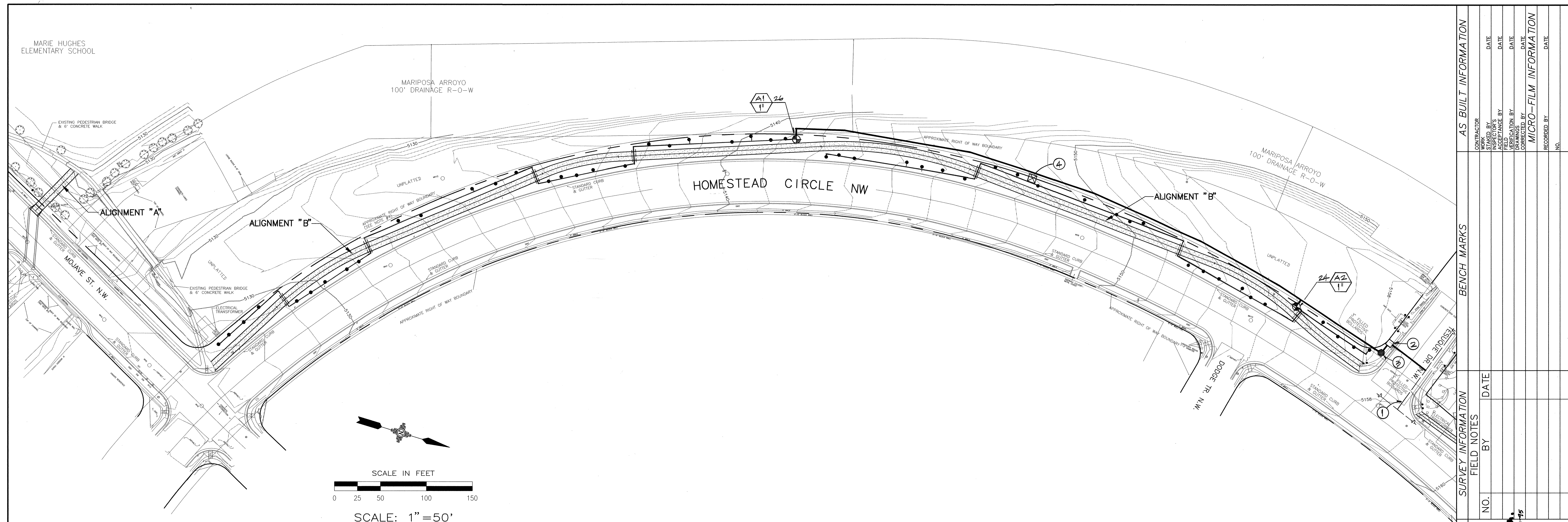
SCALE: 1"=50'

PLANT PALETTE

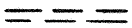
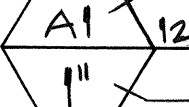
Botanical Name

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	NO.	CONTRACTOR	DATE
				STAKED BY	DATE
				ACCEPTANCE BY	DATE
				FIELD DRAWINGS	DATE
				CORRECTED BY	DATE
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]



IRRIGATION EQUIPMENT SCHEDULE

Symbol	Description
	Sleeving: Class 200 PVC (4" size unless noted)
	Mainline Pipe: Schedule 40 PVC (2" size unless noted)
	Lateral Pipe: Class 200 PVC
	Backflow Prevention Assembly: Febco 765 Pressure Vacuum Breaker (1-1/4")
	Remote Control Valve Assembly: Solatrol Series (size as indicated)
	Pressure Compensating Bubble: Rain Bird 1404 - 1 gpm (1 per tree)
	Irrigation Controller Unit: Solatrol - LEIT 8000 (2 stations used)
	A1 Indicates Controller and Station Number 12 Indicates Lateral Discharge in GPM 1" Indicates Remote Control Valve Size in Inches

GENERAL IRRIGATION NOTES

1. The system design assumes a minimum dynamic pressure for the irrigation system of 60 PSI. The Irrigation Contractor shall verify pressure and flow on site prior to construction.
2. The Irrigation Contractor shall become thoroughly familiar with the specifications for this and related work prior to construction.
3. The Irrigation Contractor shall determine the exact location of underground utilities and electrical wiring prior to construction.
4. The Irrigation Contractor shall not install the sprinkler system when it is obvious in the field that obstructions or grade differences exist that might not have been considered in the engineering, or if discrepancies in construction details, legend, notes, or specifications are discovered. All such obstructions or discrepancies shall be brought to the attention of the Owner's Representative.
5. The drawings are diagrammatic. In some cases, irrigation components may be shown outside of planting areas for clarity. The Irrigation Contractor shall avoid any conflicts between the irrigation system, planting materials, and architectural features. Irrigation pipe and wiring shall be installed in landscaped areas whenever possible.

IRRIGATION CONSTRUCTION NOTES

- ① Existing 10" cast iron waterline.
- ② New 1" water meter assembly.
- ③ General location of backflow prevention assembly - coordinate final location in field with Owner's Representative.
- ④ General location of irrigation controller - coordinate final location in field with Owner's Representative.

[illegible]

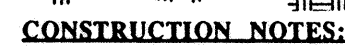
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
NORTH MARIPOSA ARROYO TRAIL IRRIGATION PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>for G. G. G. G.</i>	3-12-96	WATER	<i>for G. G. G. G.</i>	3-12-96
TRANS. DEV.	<i>for G. G. G. G.</i>	2-6-96	WASTEWATER	<i>for G. G. G. G.</i>	2-6-96
HYDROLOGY	<i>C. M. M.</i>	1-18-96	CONST. XXXXXX		
DRAWING NO. 4858-90		MAP NO. D-11		SHEET 5 OF 6	



1. ROOTBALL SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT TREE FROM SETTLING.
2. TOP OF ROOTBALL INDICATES LEVEL AT WHICH TREE WAS GROWN AND DUG; THIS REPRESENTS THE LEVEL AT WHICH THE TREE SHOULD BE INSTALLED; THAT LEVEL MAY BE EXCEEDED BY ONLY A ONE INCH LAYER OF SOIL.
3. PRIOR TO BACKFILLING TREE, ALL WIRE, ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE TREE AND THE PLANTING PIT.
4. PRIOR TO BACKFILLING ALL BURLAP SHALL BE CUT AWAY EXCEPT FROM BOTTOM OF THE ROOTBALL.

CONSTRUCTION NOTES:

- A. TREE.
- B. BACKFILL WITH EXISTING SOIL.
- C. EARTH BERM AROUND WATER RETENTION BASIN.
- D. 4" DEPTH OF BARK MULCH.
- E. FINISH GRADE.
- F. WATER RETENTION BASIN.
- G. UNDISTURBED SOIL.



- | | |
|--|---|
| A. SERVICE LINE TO WATER METER, NO OUTLETS ALLOWED. | N. GALVANIZED NIPPLE. |
| B. FINISH GRADE, MATERIAL VARIES REFERENCE PLANS. | O. GALVANIZED UNION 4"IN. 4" ABOVE GRADE. |
| C. BROOK PRODUCTS INC., 1730 PH-18 BODY (ABS) VALVE BOX W/ BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION. | P. GALVANIZED TEE. |
| D. STEAK TRUE UNION SCHEDULE 80 PVC BALL VALVE. | Q. BALL DRAIN, CHAMPTON D1650 1/2". |
| E. 24" WIRE EXPANSION COIL. | R. PVC BACKFLOW PREVENTER (REFERENCE DRAWINGS). |
| F. 3M SCOTCH LOK. | S. PVC MPD ADAPTER. |
| G. SCHEDULE 80 PVC 4" NIPPLE. | T. NON-CONSTANT PRESSURE IRRIGATION MAINLINE. |
| H. ELECTRIC VALVE (REFERENCE DRAWINGS FOR SIZE). | |
| I. SPEARS SCHEDULE 80 PVC UNION. | |
| J. SCHEDULE 80 PVC NIPPLE 3" MIN. | |
| K. 1" DIAMETER WASHED ROCK. | |
| L. 8"X12"X18" SOLID CMU BLOCK. | |
| M. GALVANIZED L. | |

GENERAL NOTES:

1. PVB'S ARE UNAPPROVED FOR CONTAMINANT PROTECTION, EXCEPT FOR LAWN IRRIGATION SYSTEM.
2. DO NOT INSTALL IN FLOOD PRONE AREAS.
3. DO NOT INSTALL PVB'S MORE THAN 5' ABOVE GROUND LEVEL. PVB'S MUST BE 12" MIN. ABOVE HIGHEST POINT OF ALL DOWNSTREAM PIPING AND OUTLETS.
4. PROTECT FROM FREEZING W/ POSITIVE HEAT ELEMENT. OTHER MEANS MAY BE USED WITH PRIOR APPROVAL BY ADMINISTRATIVE AUTHORITY.
5. HORIZONTAL PVB INSTALLATION REQUIRED (POSITIONED AS SHOWN).
6. JOINTS TO BE ADEQUATELY RESTRAINED.
7. METALLIC RISER PIPING REQUIRED.
8. VALVE SHALL BE FULLY SOLID BLOCK AT EACH CORNER OF THE VALVE BOX.
9. WASH RACK SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE.
10. PERIMETER MOISTURIZING SHALL BE INSTALLED AROUND THE ENTIRE PERIMETER OF THE MASTERVALVE AND PVB ASSEMBLY. MOISTURIZING SHALL BE A MIN. OF 12" DEPTH AND VALVE SHALL BE OPTIONAL (DEPENDENT ON APPLICATION).



1. INSTALL AN 8"x8"x16" SOLID CMU BLOCK AT EACH END OF THE VALVE BOX.
2. WASH ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.

CONSTRUCTION NOTES:

- A. FINISH GRADE.
- B. BROOKS PRODUCTS INC., 1750 FB-18 BODY (ABS) VALVE BOX WITH 1750 BOLT DOWN COVER (ABS) AND ONE 1" FEMALE
- C. 3M SCOTCHLOK CONNECTORS.
- D. IRRIGATION MAINLINE.
- E. IRRIGATION MAINLINE SERVICE TEE OR ELL.
- F. SCHEDULE 80 PVC 1/2" NIPPLE.
- G. SPEARS TUBE UNION SCHEDULED 80 PVC BALL VALVE.
- H. SCHEDULE 80 PVC 4" NIPPLE.
- I. ELECTRIC VALVE. REFERENCE THE DRAWING FOR SIZE.
- J. SPEARS SCHEDULE 80 PVC UNION.
- K. LATERAL LINE.
- L. 1" DIAMETER WASHED ROCK.
- M. 8"x12"x1/2" SOLID CMU BLOCK.
- N. 24" WIRE EXPANSION CLOCK.

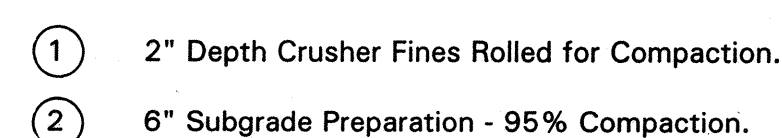
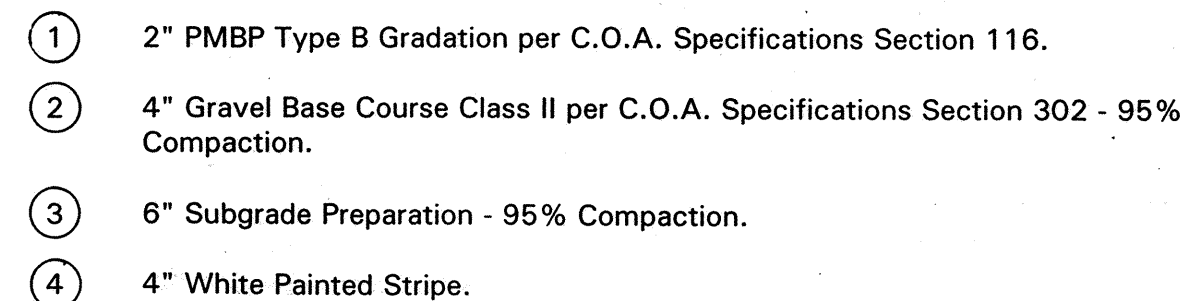


1. LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.

CONSTRUCTION NOTES:

- A. TREE.
- B. FINISH GRADE.
- C. BUBBLER HEAD (REFERENCE IRRIGATION LEGEND).
- D. SCH. 80 PVC NIPPLE.
- E. SCH. 40 PVC THREADED COUPLER.
- F. SCH. 40 PVC THREADED ELL.
- G. SCH. 40 PVC MIP ADAPTER.
- H. PVC FLEXIBLE VINYL PIPE, STD. IPS FROM AGRICULTURAL PRODUCTS INC. (818-766-3303).
- I. SCH. 40 PVC XSXST TEE OR SXT ELL.
- J. LATERAL PIPE.
- K. TOP OF BUBBLER LEVEL WITH TOP OF BARK MULCH OR MAX. 1" ABOVE TOP OF BARK MULCH.
- L. 4" BARK MULCH.

4 Landscape Irrigation Bubbler Head at Tree



6 TYPICAL TRAIL SECTION C

[illegible]

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
NORTH MARIPOSA ARROYO TRAIL SITE/LANDSCAPE DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>B.G. Smalley</i>	3-12-96	WATER	<i>N/A G.S.D.</i>	12/24/96
TRANS. DEV.	<i>Joe B. ...</i>	2-6-96	WASTEWATER		
HYDROLOGY	<i>C. Montoya</i>	1-19-96	CONST. XXXX		
DRAWING NO. 4858.90		MAP NO. D-11		SHEET 6 OF 6	