



CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
LANDSCAPE ARCHITECTURE AND CONSTRUCTION SERVICES
**SAN PEDRO MEDIANS
LANDSCAPING IMPROVEMENTS**

GENERAL NOTES:

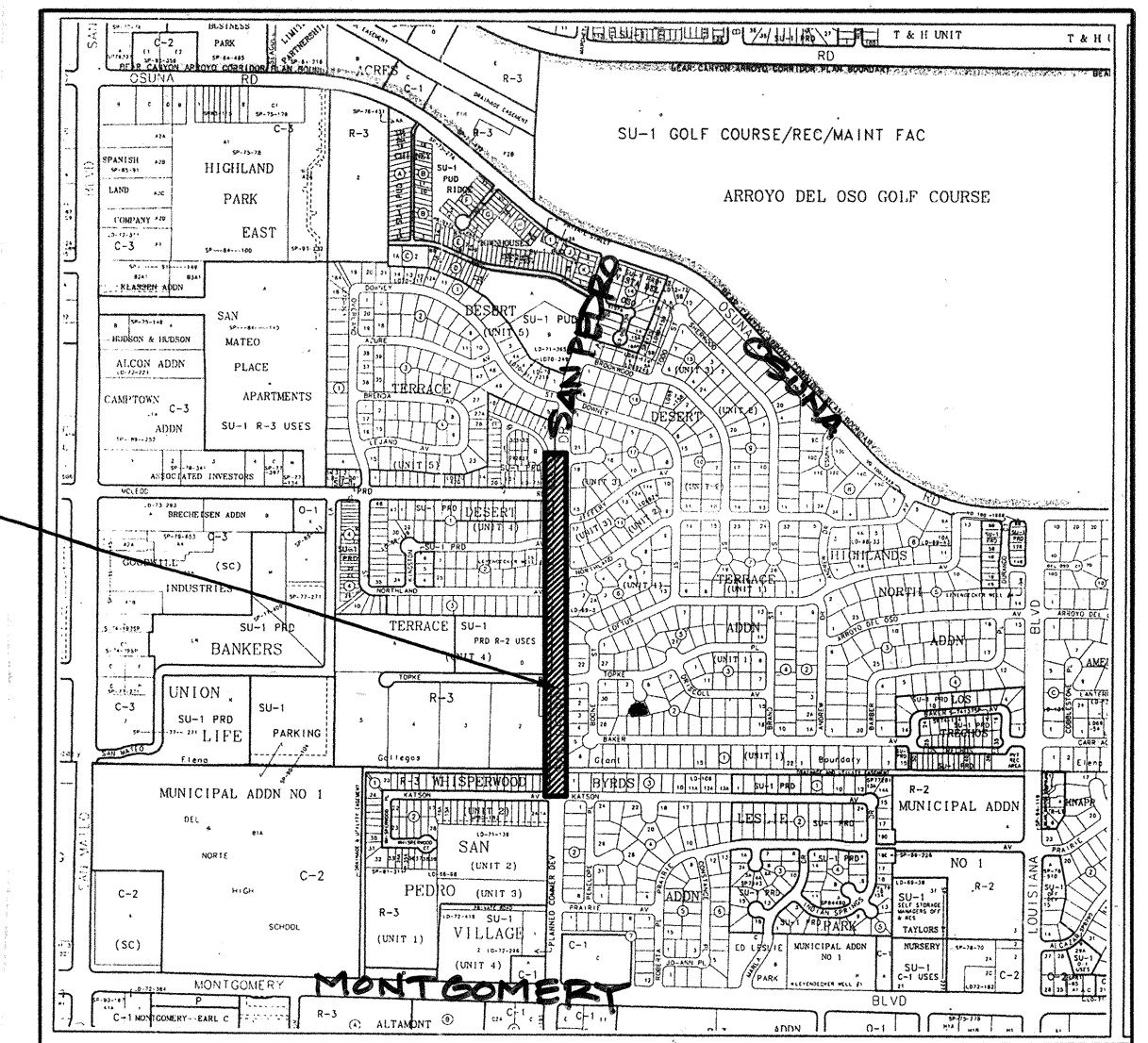
1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS."
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
3. 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.
4. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
5. 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.
6. 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.

7. 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.
8. 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.
9. REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, OR RUNDOWN SHALL BE TO THE NEAREST JOINT OR SAW CUT.
10. ALL CONCRETE SHALL BE 4000 PSI 28-DAY STRENGTH IN ACCORDANCE WITH PROJECT SPECIFICATIONS UNLESS OTHERWISE NOTED.
11. ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS UNLESS OTHERWISE NOTED.
12. ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER UNLESS OTHERWISE NOTED.
13. ALL PAVEMENT MARKINGS SHALL MEET THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARDS.
14. BACKFILL COMPACTION AND PAVING FOR UTILITIES SHALL BE ACCORDING TO C.O.A. STANDARD DRAWING NO. 2465.
15. PLANT QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY - PLANS TAKE PRECEDENCE.

16. FIVE (5) 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 AN INTERSECTION.
17. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER OR BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENTS SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
18. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION, AS EXISTING OR INDICATED BY THIS PLAN SET.
19. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED, AND RE-SET BY THE CONTRACTOR.

VICINITY MAP

SITE



SHEET INDEX

| SHEET NO. | TITLE |
|-----------|--|
| 1 | TITLE SHEET, VICINITY MAP, SHEET INDEX |
| 2 | LAYOUT PLAN |
| 3 | LAYOUT PLAN |
| 4 | IRRIGATION PLAN |
| 5 | IRRIGATION PLAN |
| 6 | PLANTING PLAN |
| 7 | PLANTING PLAN |
| 8 | TRAFFIC CONTROL |
| 9 | TRAFFIC CONTROL |

APPROVAL OF RECORD DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Stephanie Pouch
DATE 4-14-03

UTILITY COMPANY CONTACTS

PNM

Jim Vann
4201 Edith Boulevard NE
Albuquerque, New Mexico 87107
(505) 848-3426

GAS CO.

Kelly Bouska
4625 Edith Blvd., NE
Albuquerque, New Mexico 87107
(505) 241-7752

AT&T

Art Marquez
111 Third ST., NW
Albuquerque, New Mexico 87103
(505) 842-2806

JONES INTERCABLE

Karen Shore
4611 Montbel Pl., NE
P.O. Box 27138
Albuquerque, NM 87125-7138
(505) 761-6220

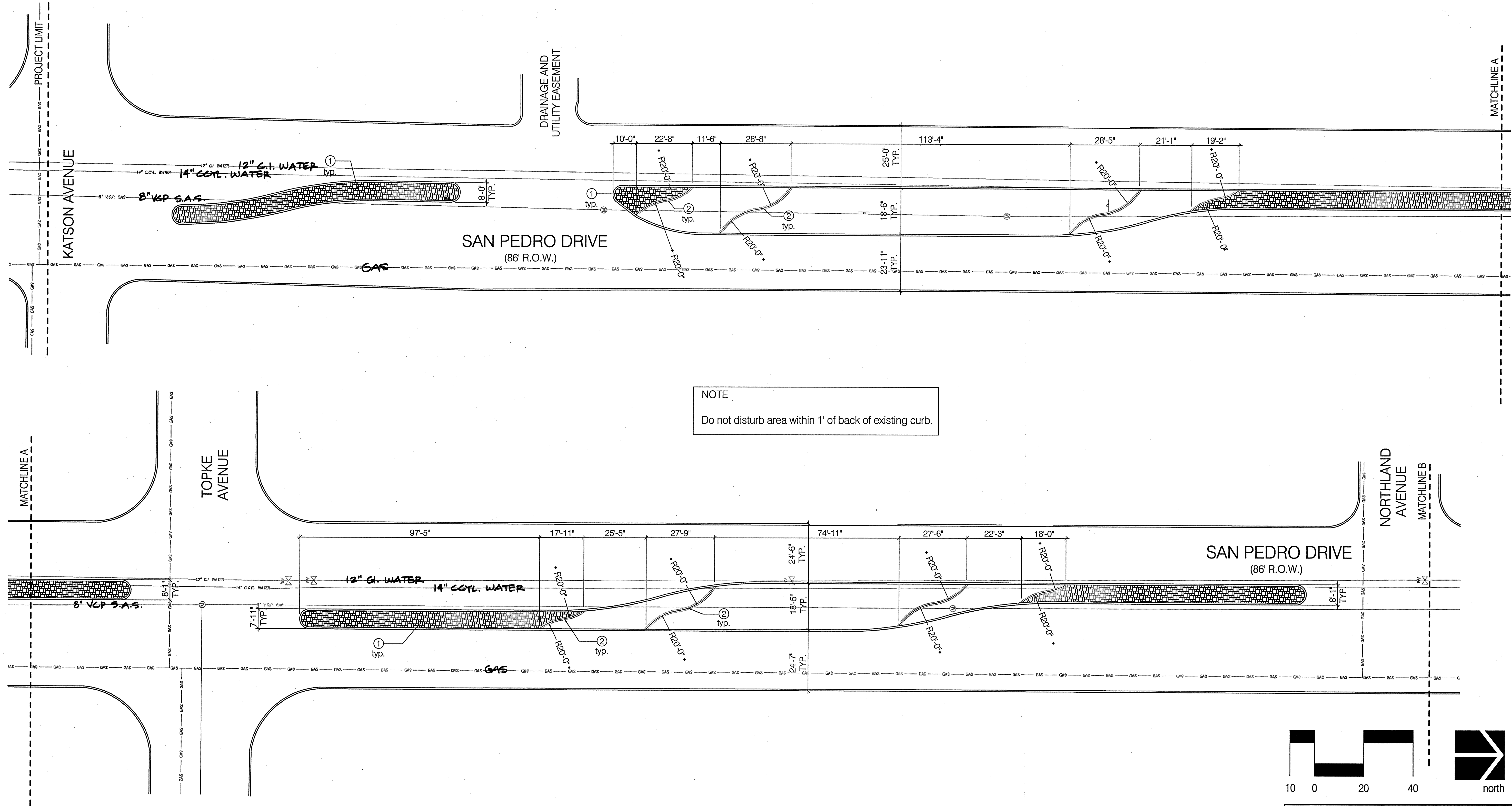
US WEST COMMUNICATIONS

Cathy Schneider
201 Third Street
Suite 700
Albuquerque, New Mexico 87102
(505) 245-6846



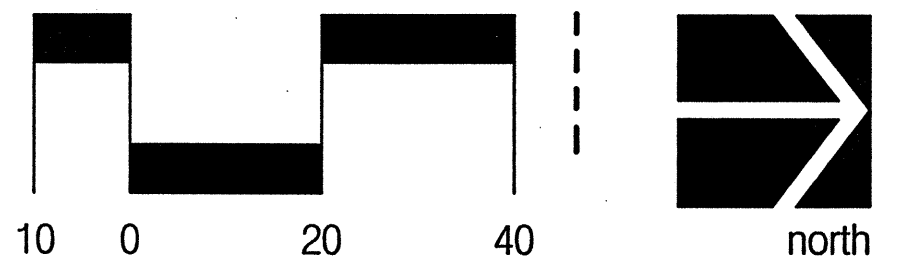
CONSENSUS PLANNING, INC.
Planning / Landscape Architecture
924 Park Avenue SW
Albuquerque, NM 87102
(505) 784-2801 Fax 842-5495
e-mail: cp@consensusplanning.com

| REV. | SHEETS | CITY ENGINEER | DATE | USER DEPARTMENT | DATE | USER DEPARTMENT | DATE |
|-----------------------------|--------|------------------|------------------------|-----------------|--|-----------------|------|
| ENGINEERS STAMP & SIGNATURE | | APPROVED | ENGINEER | DATE | APPROVED FOR CONSTRUCTION | | |
| | | DRC Chairman | <i>Stephanie Pouch</i> | 3-23-99 | <i>Kari Bouska</i> 3-23-99 CITY ENGINEER DATE | | |
| | | Transportation | <i>Kari Bouska</i> | 3-23-99 | | | |
| | | Water/Wastewater | <i>Kari Bouska</i> | 3-23-99 | | | |
| | | Hydrology | <i>Kari Bouska</i> | 3-23-99 | | | |
| | | CIP | <i>Stephanie Pouch</i> | 3-23-99 | | | |
| | | Constr. Mngmt. | <i>Stephanie Pouch</i> | 3-23-99 | | | |
| | | Constr. Coord. | <i>Stephanie Pouch</i> | 3-5-99 | | | |
| PROJECT NUMBER | | | | 6083.91 | SHEET 1 OF 9 | | |



NOTE
Do not disturb area within 1' of back of existing curb.

- CONSTRUCTION NOTES**
- ① 4" colored stamped concrete (Bomanite) per Manufacturer's Specifications -
Pattern: Ashlar Slate (Bomachron)
Base Color: Desert Tan (B-12)
Accent Colors: Cobblestone Gray (B-2), Mexican Tile (B-7),
and Harvest Amber (B-9)
Manufacturer's Representative: Creative Concrete
2400 Rio Grande Blvd. NW, Suite I-95
Albuquerque, NM 87104
(505) 764-8780
 - ② 12" x 12" concrete header - see details 1 and 2, sheet 3.



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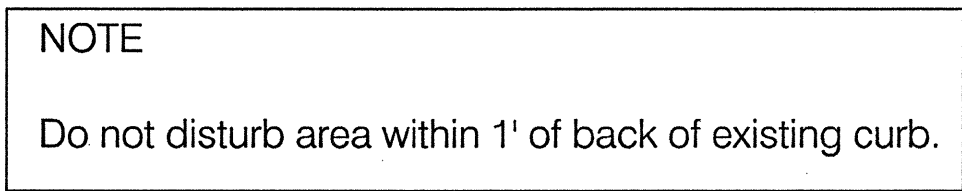
CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
LANDSCAPE ARCHITECTURE & CONSTRUCTION SERVICES

TITLE: SAN PEDRO MEDIANS LAYOUT PLAN

Design Review Committee (Stamp: MAR 28 2003)
City Engineer Approval
Least Design Update

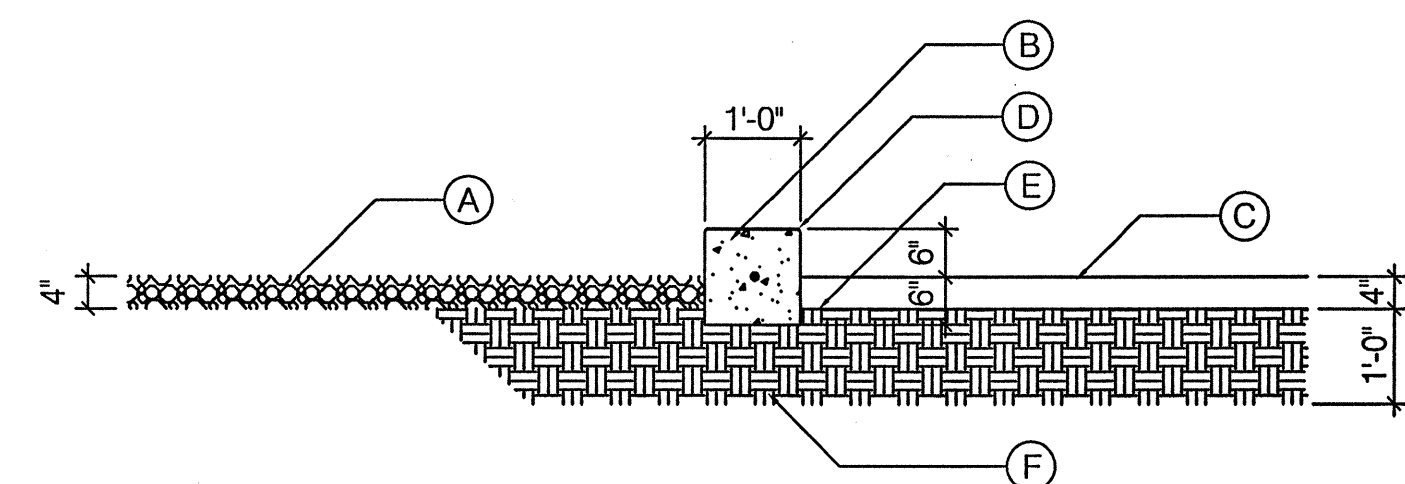
City Project No. 6083.91 Zone Map No. F-18 Sheet 2 of 9

| ENGINEER'S SEAL | | SURVEY INFORMATION | | BENCH MARKS | | AS BUILT INFORMATION | |
|-----------------|----------------------------|--------------------|----|-------------|---|---------------------------|------|
| | REVISIONS DESIGN | NO. | BY | DATE | A STANDARD ACS BRASS TABLET STAMPED "4-FIBA 1981" SET IN THE GROUND FLUSH WITH THE BACK OF CURB, LOCATED ON OSUNA ROAD APPROXIMATELY 0.15 MILES EAST OF THE INTERSECTION OF SAN PEDRO DRIVE NE AND OSUNA ROAD NE. | CONTRACTOR | DATE |
| | | | | | | WORKED BY | |
| | | | | | | INSPECTOR'S ACCEPTANCE BY | DATE |
| | | | | | | VERIFICATION BY | DATE |
| DESIGNED BY | BY | | | | | DRAWING NO. | DATE |
| DRAWN BY | BY | | | | | RECORDED BY | DATE |
| CHECKED BY | BY | | | | | NO. | |



Scale: 1/2" = 1'- 0"

- A) Finish grade at planting area (see Landscape Plan).
- B 4,000 psi. concrete header w/ smooth finish
- QC Construction Products Integral Color Cranberry (IC-4).
Manufacturer's Representative: Twenty-One Tech Company
1 (800) 453-8213
- C Finish grade at Bomanite colored concrete.
- D 3/4" tooled edge - TYP.
- E #3 rebar continuous throughout.
- F Compacted subgrade to 95%, 1' depth.



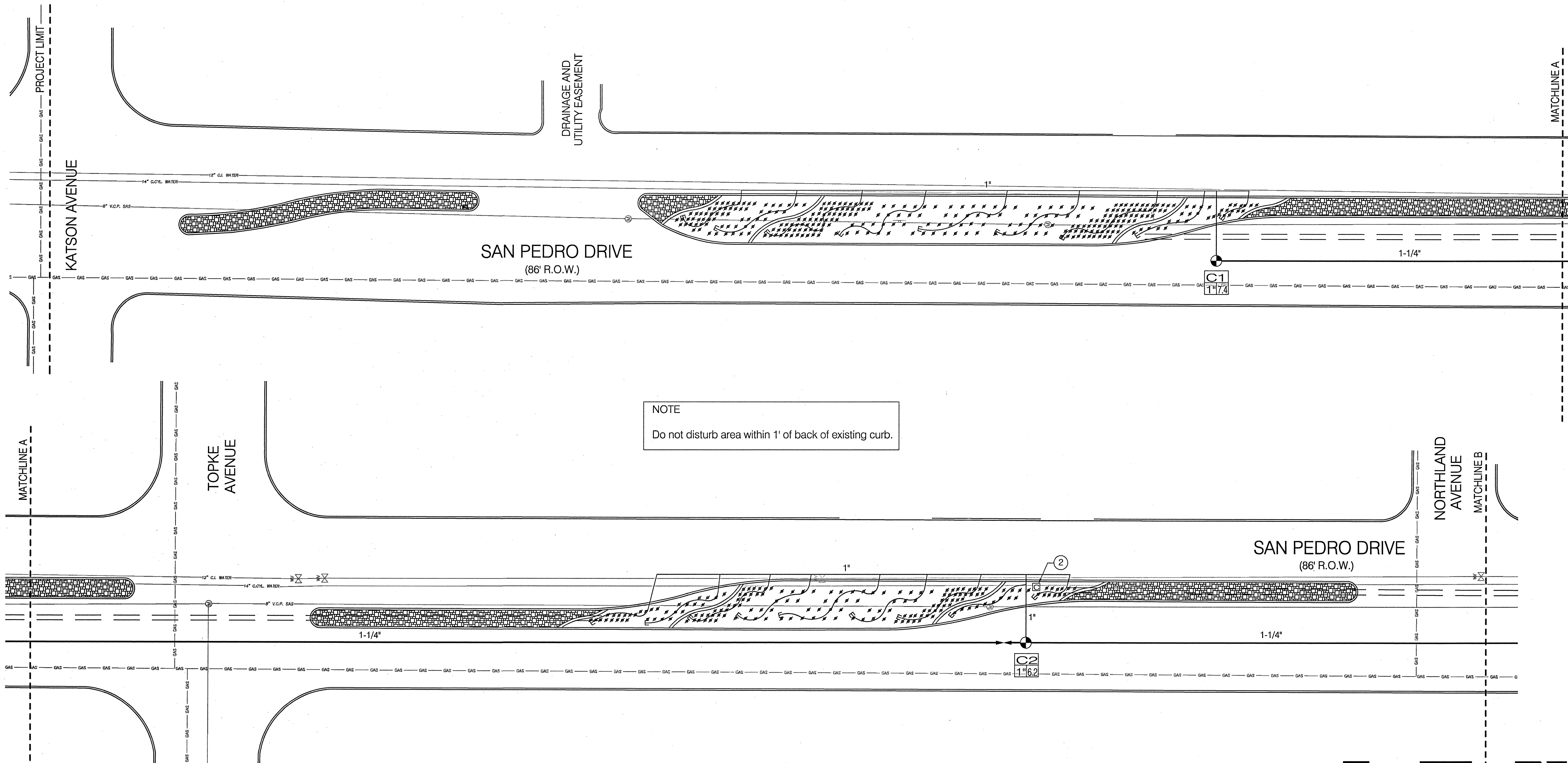
Scale: $1/2'' = 1' - 0''$

① 4" colored stamped concrete (Bomanite) per Manufacturer's Specifications -
Pattern: Ashlar Slate (Bomachron)
Base Color: Desert Tan (B-12)
Accent Colors: Cobblestone Gray (B-2), Mexican Tile (B-7),
and Harvest Amber (B-9).
Manufacturer's Representative: Creative Concrete
2400 Rio Grande Blvd. NW, Suite I-95
Albuquerque, NM 87104
(505) 764-8780

② 12" x 12" concrete header - see details 1 and 2, sheet 3.

Christopher D. Green

[illegible][illegible]



IRRIGATION EQUIPMENT SCHEDULE

SYMBOL DESCRIPTION

- Meter: 1"
- Sleeving: Class 200 PVC (2 sizes larger than pipe to be sleeved). Cut and patch shall be a minimum of 18" wide (COA Detail 2465).
- Backflow Prevention Assembly: Febco 765-3/4" Pressure Vacuum Breaker Backflow Preventer w/Multi-Jet Master Meter Unit (3/4") w/Master Valve (COA Detail 2702-C)
- Gate Valve Assembly (COA Detail 2706)
- Irrigation Mainline: Schedule 40 Bell End PVC (1-1/4"), 28" Depth
- Lateral Pipe: Schedule 40 PVC, 18" Depth, 3/4" Unless Noted Otherwise
- Drip Irrigation Tubing: 1/2" Polyethylene Pipe, 6" depth min., w/Compression Fittings and Flush Cap. Connection to PVC lateral and flush caps shall be placed in 6" valve box. Tubing shall be pinned every 4'.
- Automatic Valve Assembly: Rain Bird PEB-PRS-B Series, Hardie E2002 DC Latching Solenoid, Rain Bird RBY-100-200MX Wye Filter, and Rain Bird PSI-M30X Pressure Regulator (COA Detail 2709-A)

- Emitter Device: Rain Bird Xeri-Bug Emitters as defined below.
1/4" distribution tubing pinned at each shrub.
Shrubs - (2) 1 GPH Xeri-Bug XB-10 Emitters Each
- Irrigation Controller: Toro MIR5000 Scorpio DC Unit (8 Station) in Stainless Steel Enclosure w/Dome Antenna and Hitney 10-watt Solar Panel w/Regulator
- Indicates Controller and Station Number
- Indicates Lateral Discharge in GPM
- Indicates Remote Control Valve Size in Inches

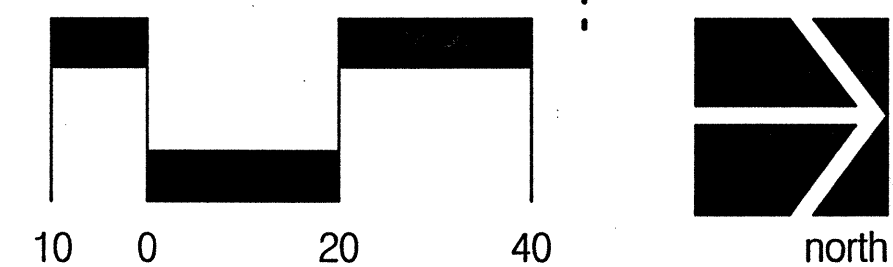
GENERAL IRRIGATION NOTES

- The system design assumes a minimum static pressure of 60 PSI at the 1-inch point-of-connection. The irrigation contractor shall verify pressure and flow on site prior to construction.
- The irrigation contractor shall become thoroughly familiar with the specifications for this and related work prior to construction.

- The irrigation contractor shall determine the exact location of underground utilities and electrical wiring prior to construction.
- 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 the 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.
- 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 above ground utilities. Irrigation pipe and wiring shall be installed in landscaped areas whenever possible.
- All irrigation components shall be installed in accordance with section 1001-Landscape Irrigation System, and referenced details contained within the City of Albuquerque standard specifications manual, latest edition.

IRRIGATION CONSTRUCTION NOTES

- Irrigation point-of-connection. Tap existing 12" cast iron waterline and install 1" meter per City of Albuquerque Details and Specifications.
- Controller location - see Irrigation Legend. Final location shall be coordinated in the field with the Owner's Representative.
- Backflow Preventer/Master Valve - see Irrigation Legend. Final location shall be coordinated in the field with the Owner's Representative.




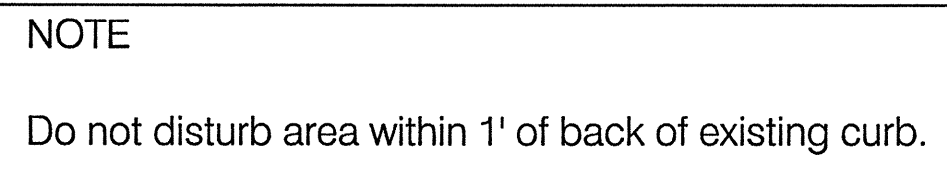
CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
LANDSCAPE ARCHITECTURE & CONSTRUCTION SERVICES

TITLE: SAN PEDRO MEDIANS
IRRIGATION PLAN

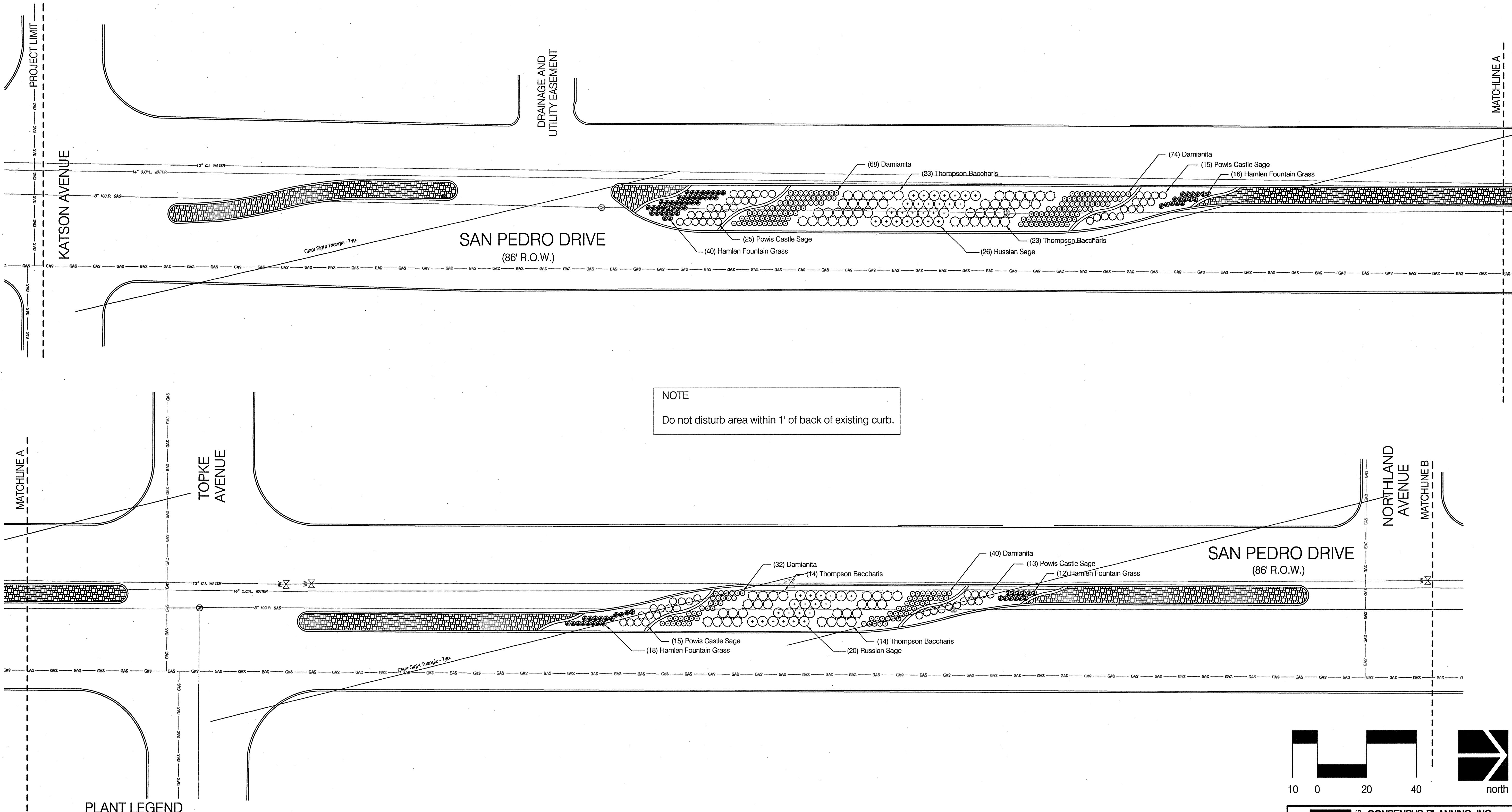
| Design Review Committee | City Engineer Approval | Last Design Update | No. / Day / Yr. | No. / Day / Yr. |
|-------------------------|------------------------|--------------------|-----------------|-----------------|
| | | | | |
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| | | | | |
| | | | | |

City Project No. 6083.91 Zone Map No. F-18 Sheet 4 of 9

| ENGINEER'S SEAL | | SURVEY INFORMATION | | BENCH MARKS | | AS-BUILT INFORMATION | |
|---|--|--------------------|-------------|-------------|------|---|-------------------------------|
| <div><p><i>Christopher J. Rios</i> Professional Engineer State of New Mexico License No. 10111 Expiration Date 5-17-99</p></div> | | | FIELD NOTES | | | | |
| | | | NO. | BY | DATE | A STANDARD ACS BRASS TABLET STAMPED "4-FIBA 1981" SET IN THE GROUND FLUSH WITH THE BACK OF CURB, LOCATED ON OSUNA ROAD APPROXIMATELY 0.15 MILES EAST OF THE INTERSECTION OF SAN PEDRO DRIVE NE AND OSUNA ROAD NE. | CONTRACTOR |
| | | | | | | | WORKED BY |
| | | | | | | | INSPECTOR'S DATE |
| | | | | | | | FIELD VERIFICATION BY |
| | | | | | | | CORRECTED BY |
| | | | | | | | DATE |
| | | | | | | | <i>MICRO-FILM INFORMATION</i> |
| | | | | | | | RECORDED BY |
| | | | | | | | DATE |
| | | | | | | | NO. |



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|------------------|---------|--------------|-------|---|----|---|
| City Project No. | 6083.91 | Zone Map No. | Sheet | 5 | of | 9 |
| | | F-18 | | | | |

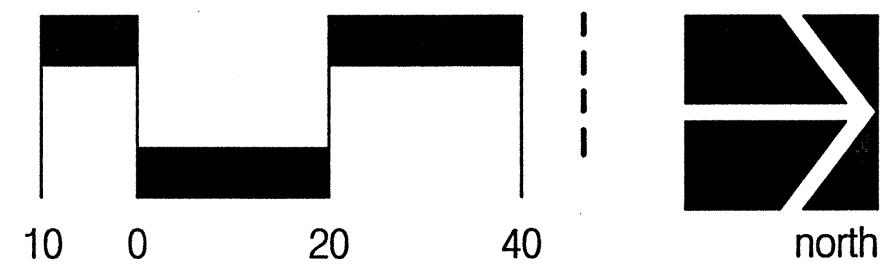


PLANT LEGEND

| Quantity | Symbol | Scientific Name | Common Name | Size | Remarks | Water Use |
|----------|--------|-----------------------------------|-------------------------|-------|--------------------------------|-----------|
| 90 | ○ | Artemisia 'Powis Castle' | 'Powis Castle' Sage | 1-Gal | 3' o.c. 2' ht. x 4' spread | Low |
| 81 | ⊗ | Baccharis 'Stam' | Thompson Baccharis | 5-Gal | 4' o.c. 3' ht. x 4' spread | Medium |
| 272 | ⊙ | Chrysactinia mexicana | Damianita | 1-Gal | 2' o.c. 2' ht. x 2' spread | Low |
| 159 | ⊙ | Pennisetum alopecuroides 'Hamlen' | 'Hamlen' Fountain Grass | 1-Gal | 2' o.c. 28' ht. x 2' spread | Medium |
| 57 | ⊙ | Perovskia atriplicifolia | Russian Sage | 1-Gal | 4' o.c. 5' ht. x 5' spread | Medium |

GENERAL LANDSCAPE NOTES

- Prior to beginning work on the project, the Landscape Contractor shall review the project in the field with the Owner's Representative.
- If discrepancies occur between the drawings and the site, the Landscape Contractor shall notify the Owner's Representative for clarification prior to proceeding on that portion of work.
- All planting areas are to have weeds and competitive vegetation removed prior to preparation for planting.
- All existing plant materials shall be protected during construction. Damaged materials shall be replaced in kind at the Contractor's expense.
- Plant quantities are provided for Contractor's convenience only, plans shall take precedence.
- The Owner's Representative shall approve all plant material prior to planting. In addition, the Owner's Representative reserves the right to refuse any plant material deemed unacceptable. The Owner's Representative is to approve any and all substitutions. Contact Jeff Hart, Park Management Division Urban Forester, at 857-8650 for plant inspections.
- It is the Landscape Contractor's responsibility to locate all underground utilities prior to commencement of planting operations. Existing water and sanitary sewer lines are identified on the drawings from as-built drawings. Minimum depth to the water line is 4 feet, and minimum depth to the sanitary sewer line is 7 feet. Verify depth prior to construction.
- Planting installation shall be in accordance with all City of Albuquerque standard specifications (Section 1005 - Planting) and details (Isolated Tree Planting - 2714, and Isolated Shrub Planting - 2717).
- Cut grade to 3" below top of curb within all planted medians and dispose of cut material.
- Mulch planting area with 3" layer of Santa Fe Brown gravel (3/4") over Mirafi weed control fabric. Submit sample for approval.



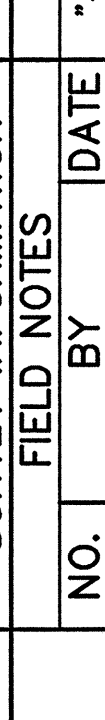
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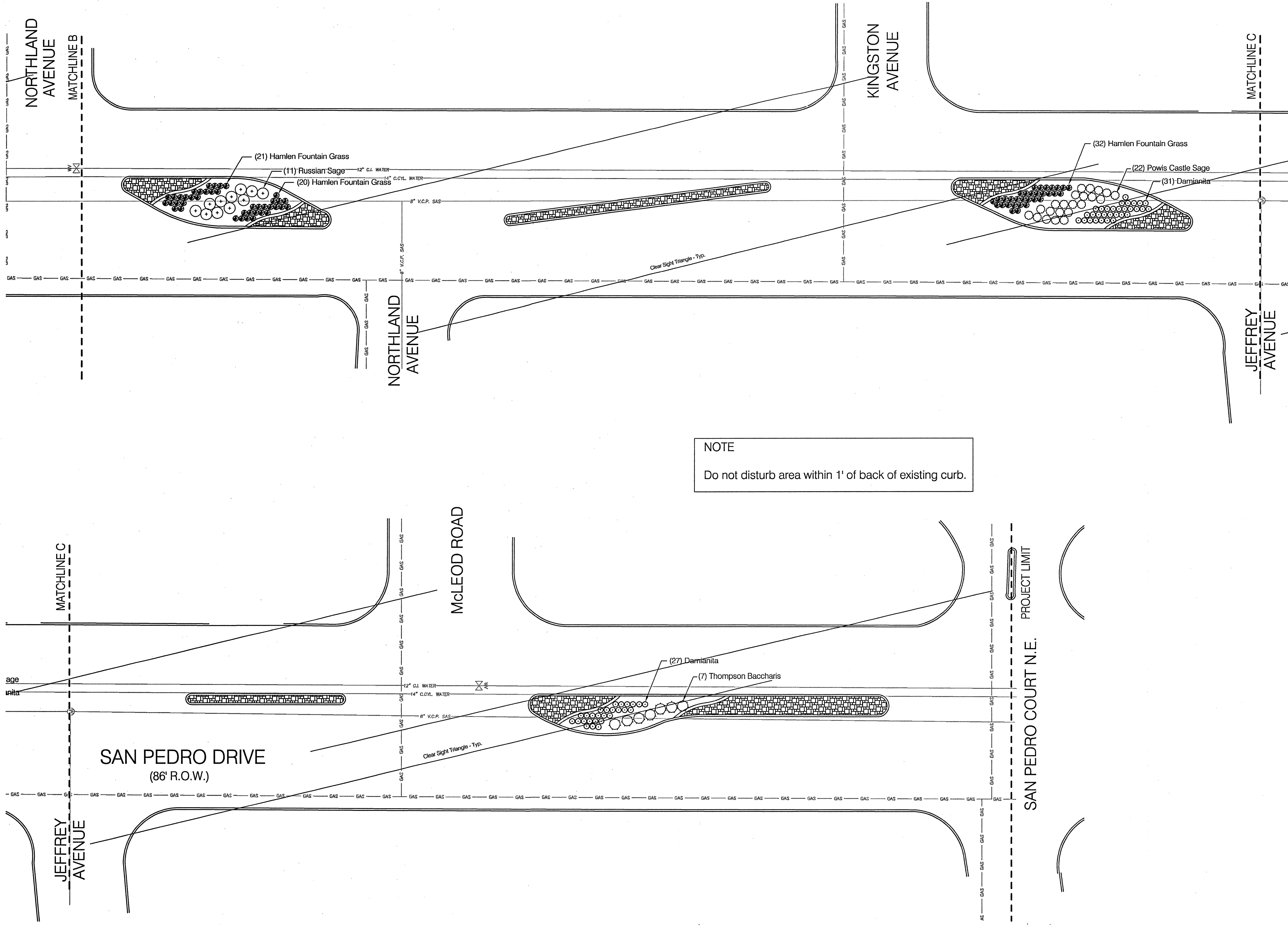
CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM
LANDSCAPE ARCHITECTURE & CONSTRUCTION SERVICES

TITLE: **SAN PEDRO MEDIANS PLANTING PLAN**

| | | | |
|-------------------------|------------------------|-----------------|-----------------|
| Design-Review-Committee | City Engineer Approval | No. / Day / Yr. | No. / Day / Yr. |
| 1999 | | | |
| DESIGN REVIEW COMMITTEE | Last Design Update | | |

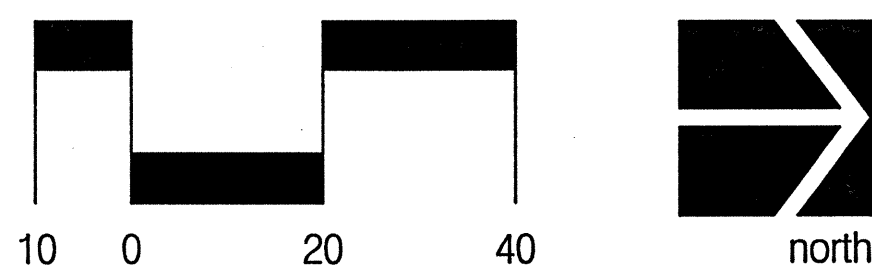
City Project No. **6083.91** Zone Map No. **F-18** Sheet **6** of **9**

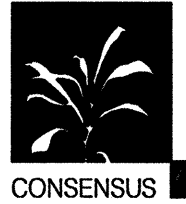
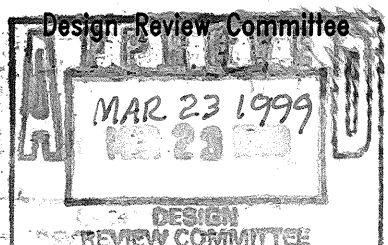
| ENGINEERS SEAL | | SURVEY INFORMATION | | BENCH MARKS | | AS BUILT INFORMATION | |
|--|-------------|--------------------|-----|-------------|------|--|------------|
|  | FIELD NOTES | | NO. | BY | DATE | A STANDARD ACS BRASS TABLET STAMPED "4-FIBA 1981" SET IN THE GROUND FLUSH WITH THE BACK OF CURB, LOCATED ON OSUNA ROAD APPROXIMATELY 0.15 MILES EAST OF THE INTERSECTION OF SAN PEDRO DRIVE NE AND OSUNA ROAD NE. ELEVATION = 5277.58' | CONTRACTOR |
| | REVISIONS | | NO. | DATE | BY | WORK STARTED BY | DATE |
| | DESIGN | | NO. | DATE | BY | ADJUSTED BY | DATE |
| | BY | | NO. | DATE | BY | FIELD LOCATION BY | DATE |
| | DATE | | NO. | DATE | BY | DRAWINGS CORRECTED BY | DATE |
| | BY | | NO. | DATE | BY | MICRO-FILM INFORMATION | |
| | DATE | | NO. | DATE | BY | RECORDED BY | |
| | BY | | NO. | DATE | BY | NO. | |
| | DATE | | NO. | DATE | BY | | |

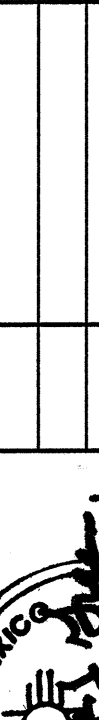


NOTE
Do not disturb area within 1' of back of existing curb.

| Symbol | Scientific Name | Common Name |
|--------|-----------------------------------|-------------------------|
| ○ | Artemisia 'Powis Castle' | 'Powis Castle' Sage |
| ⊗ | Baccharis 'Starr' | Thompson Baccharis |
| ○ | Chrysactinia mexicana | Damianita |
| ⊗ | Pennisetum alopecuroides 'Hamlen' | 'Hamlen' Fountain Grass |
| ⊕ | Perovskia atriplicifolia | Russian Sage |



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|--|------------------------|
|  CONSENSUS PLANNING, INC. Planning / Landscape Architecture 924 Park Avenue SW Albuquerque, NM 87102 (505) 764-9801 Fax 842-5495 e-mail: cp@consensusplanning.com | |
| CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM LANDSCAPE ARCHITECTURE & CONSTRUCTION SERVICES | |
| TITLE: SAN PEDRO MEDIANS PLANTING PLAN/DETAILS | |
|  | City Engineer Approval |
| Last Design Update | |
| City Project No. 6083.91 | Zone Map No. F-18 |
| Sheet 7 of 9 | |

| ENGINEERS SEAL | | SURVEY INFORMATION | | BENCH MARKS | | AS BUILT INFORMATION | | |
|--|--|--------------------|----|-------------------------------------|---|----------------------|---------------------------|------|
| <div> <i>Christopher J. Green</i> REGISTERED PROFESSIONAL ENGINEER CHRISTOPHER J. GREEN 22333 12/17/19 STATE OF NEW MEXICO LANDSCAPE ARCHITECT</div> | | FIELD NOTES | | A STANDARD ACS BRASS TABLET STAMPED | | CONTRACTOR | | |
| | | NO. | BY | DATE | "4-F18A 1981" SET IN THE GROUND FLUSH WITH THE | | WORKS | DATE |
| | | | | | BACK OF CURB, LOCATED ON OSUNA ROAD | | SUBMITTED BY | DATE |
| | | | | | APPROXIMATELY 0.15 MILES EAST OF THE INTERSECTION | | INSPECTOR'S ACCEPTANCE BY | DATE |
| | | | | | OF SAN PEDRO DRIVE NE AND OSUNA ROAD NE, | | VERIFICATION BY | DATE |
| | | | | | ELEVATION = 5277.58' | | DRAWINGS | DATE |
| | | | | | | | MICRO-FILM INFORMATION | |
| | | | | | | | RECORDED BY | |
| | | | | | | | DATE | |
| | | | | | | | NO. | |

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITHIN THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24-HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48-HOURS PRIOR TO OCCUPANCY OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

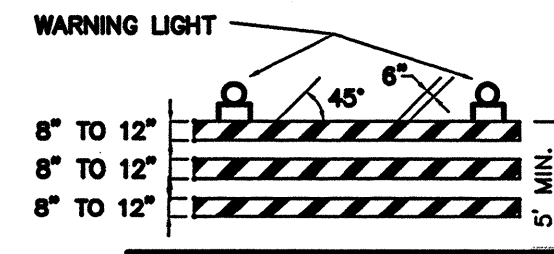
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48-INCH SIGN AS INDICATED IN THE MUTCD.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

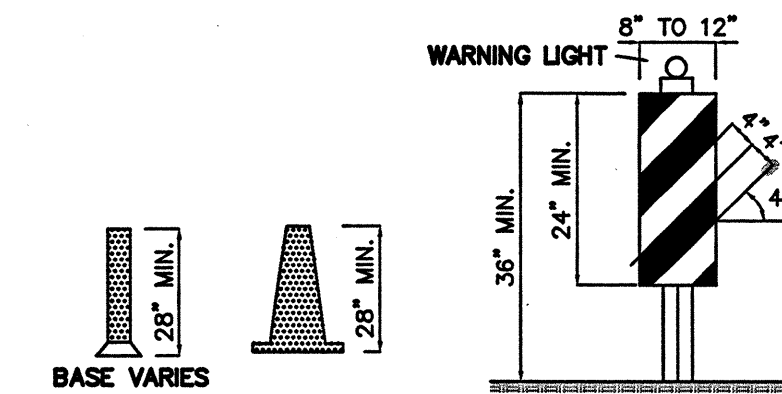
SPECIAL PROJECT TRAFFIC CONTROL NOTES

1. CONTRACTOR SHALL BE REQUIRED TO WORK FROM 7:00 AM TO 7:00 PM MONDAY THROUGH FRIDAYS.

2. CONTRACTOR SHALL REMOVE ALL LANE CLOSURES AT THE END OF EACH WORK SHIFT.



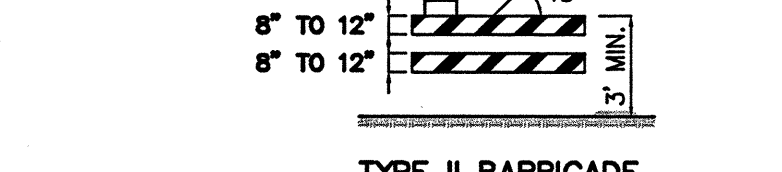
TYPE III BARRICADE



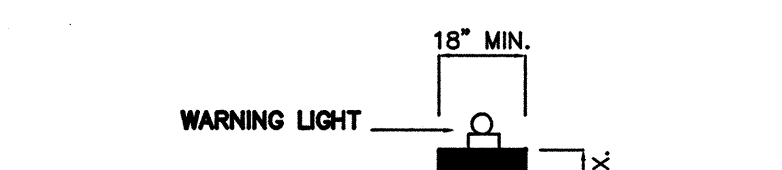
TYPE II BARRICADE



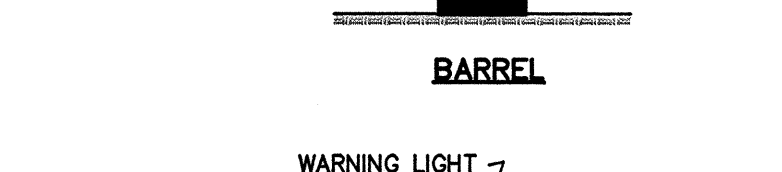
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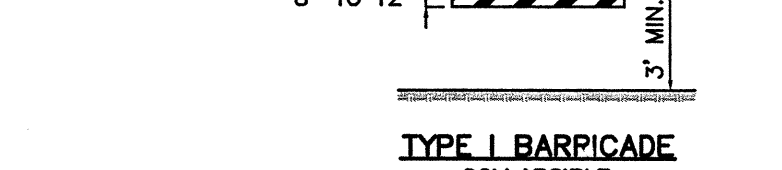
TYPE II BARRICADE



TYPE I BARRICADE



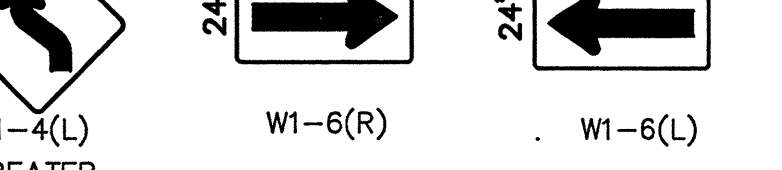
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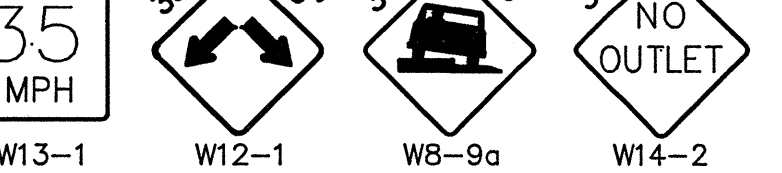
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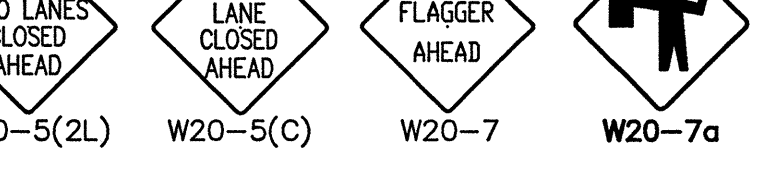
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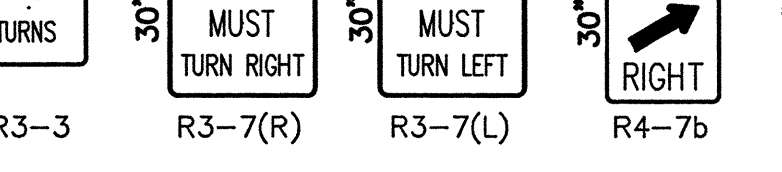
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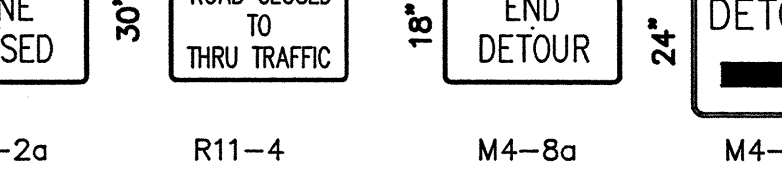
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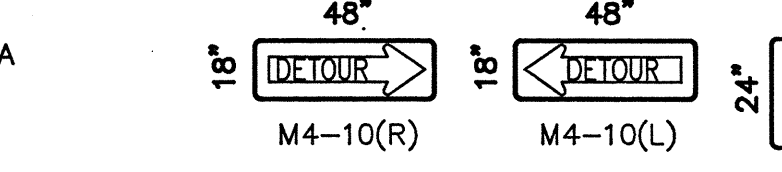
TYPE I BARRICADE



TYPE II BARRICADE



TYPE I BARRICADE



TYPE II BARRICADE



TYPE I BARRICADE

KEYED NOTES:

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET FLAGMAN POSITION
- SPACING BETWEEN BARRICADES- A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW

TAPER REQUIREMENTS

| SPEED LIMIT (MPH) | TAPER LENGTH (L) (FEET) | | | MINIMUM NUMBER OF DEVICES FOR TAPER | MAXIMUM DEVICE SPACING IN FEET | |
|-------------------|-------------------------|----------|----------|-------------------------------------|--------------------------------|-------------|
| | 10' LANE | 11' LANE | 12' LANE | | ALONG TAPER | AFTER TAPER |
| 20 | 70 | 75 | 80 | 5 | 20 | 20 |
| 25 | 105 | 115 | 125 | 6 | 25 | 25 |
| 30 | 150 | 165 | 180 | 7 | 30 | 30 |
| 35 | 205 | 225 | 245 | 8 | 35 | 35 |
| 40 | 270 | 295 | 320 | 9 | 40 | 40 |
| 45 | 450 | 495 | 540 | 13 | 45 | 45 |
| 50 | 500 | 550 | 600 | 13 | 50 | 50 |
| 55 | 550 | 605 | 660 | 13 | 55 | 55 |

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

| SPEED MILES PER HOUR | MINIMUM DISTANCE BETWEEN SIGNS | MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER |
|----------------------|--------------------------------|--|
| 0-20 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |
| 25-30 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |
| 30-35 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |
| 40-45 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |
| 50-60 | 10 X SPEED LIMIT | 10 X SPEED LIMIT |

TAPER CRITERIA

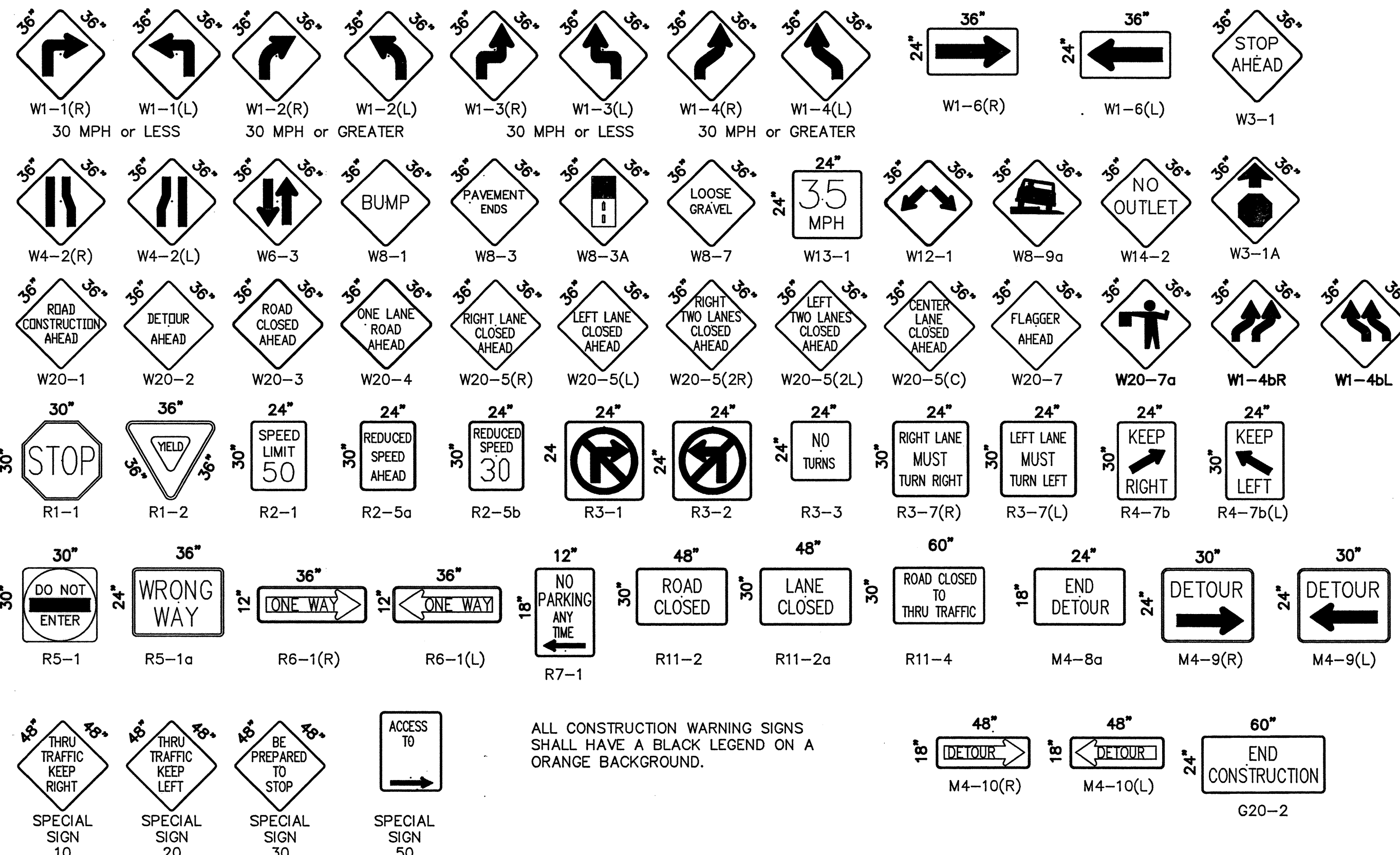
| TYPE OF TAPER | TAPER LENGTH |
|-----------------------|-------------------|
| UPSTREAM TAPER: | |
| MERGING TAPER | L MINIMUM |
| SHIFTING TAPER | 1/2 L MINIMUM |
| SHOULDER TAPER | 1/2 L MINIMUM |
| TWO-WAY TRAFFIC TAPER | 100 FEET MAXIMUM |
| DOWNSTREAM TAPERS | 100 FEET PER LANE |

TAPER LENGTH COMPUTATION

| SPEED LIMIT | L = WS ² / 60 |
|-------------------|--------------------------|
| 40 MPH OR LESS | L = WS ² / 60 |
| 45 MPH OR GREATER | L = W x S |

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

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CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM LANDSCAPE ARCHITECTURE & CONSTRUCTION SERVICES

TITLE: SAN PEDRO MEDIANS SIGNING/CONSTRUCTION TRAFFIC CONTROL STANDARDS

City Project No. 6083.91 Zone Map No. F-18 Sheet 8 of 9

